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AREA GESTIONE E SVILUPPO DEL TERRITORIO

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

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PROGETTO ESECUTIVO

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RELAZIONE DI CALCOLO STRUTTURALE – MODELLO STATICO

PREMESSA

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

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

ANALISI STORICO-CRITICA ED ESITO DEL RILIEVO GEOMETRICO-STRUTTURALE

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

Analisi storico-critica

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

Esito del rilievo geometrico-strutturale

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

DESCRIZIONE GENERALE DELL'OPERA

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

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

QUADRO NORMATIVO DI RIFERIMENTO ADOTTATO

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

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

LIVELLI DI CONOSCENZA E FATTORI DI CONFIDENZA

Il livello di conoscenza, per edifici esistenti è LC2.

Pertanto il fattore di confidenza è FC=1.2.

AZIONI DI PROGETTO SULLA COSTRUZIONE

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

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

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

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

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

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

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

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

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

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

MODELLO NUMERICO

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

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

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

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

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

Affidabilità dei codici utilizzati
2S.I. ha verificato l'affidabilità e la robustezza del codice di calcolo attraverso un numero significativo di casi prova in cui i risultati dell'analisi numerica sono stati confrontati con

soluzioni teoriche.

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

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

MODELLAZIONE DELLE AZIONI

Si veda il capitolo “**Schematizzazione dei casi di carico**” per le informazioni necessarie alla comprensione ed alla ricostruzione delle azioni applicate al modello numerico, coerentemente con quanto indicato nella parte “2.6.

COMBINAZIONI E/O PERCORSI DI CARICO

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

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

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

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

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

per il progetto-verifica degli elementi:

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

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

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

VERIFICHE AGLI STATI LIMITE ULTIMI

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

VERIFICHE AGLI STATI LIMITE DI ESERCIZIO

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

NORMATIVA DI RIFERIMENTO

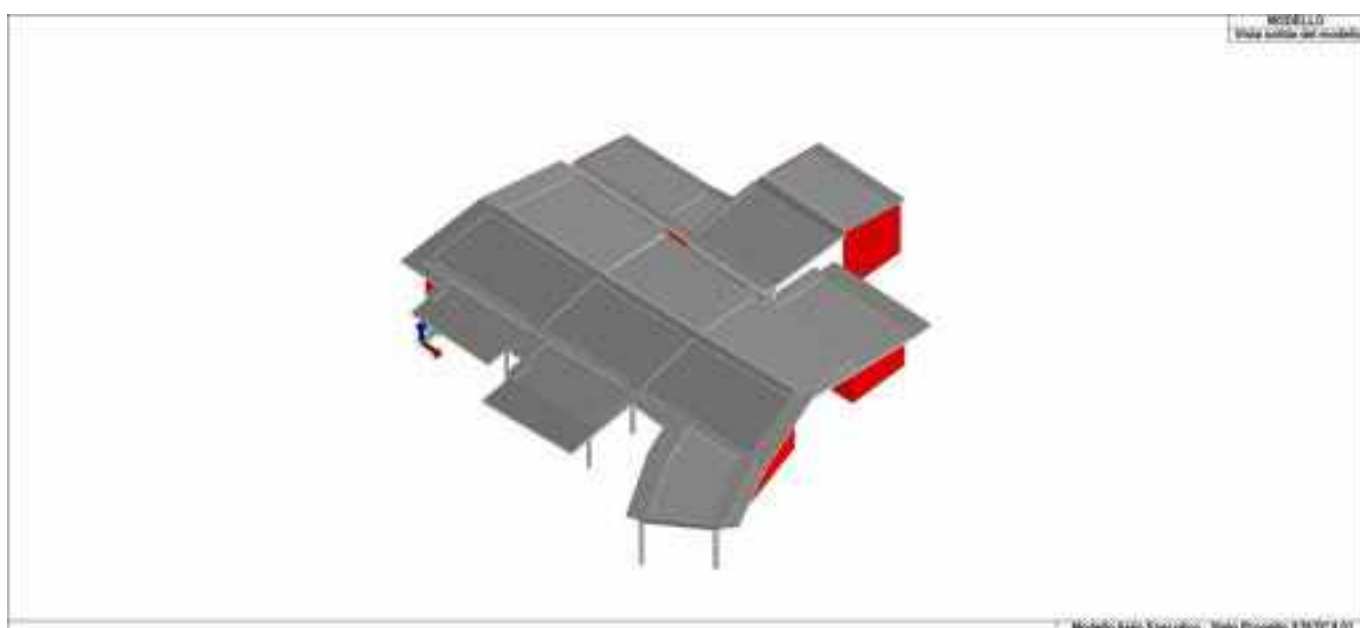
1. D.Min. Infrastrutture Min. Interni e Prot. Civile 17 Gennaio 2018 e allegate "Norme tecniche per le costruzioni".
2. Circolare 21/01/19, n. 7 C.S.LL.PP. "Istruzioni per l'applicazione dell'aggiornamento delle Norme Tecniche delle Costruzioni di cui al decreto ministeriale 17 gennaio 2018"
3. D.Min.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

di calcolo semplificato per strutture di muratura non armata.

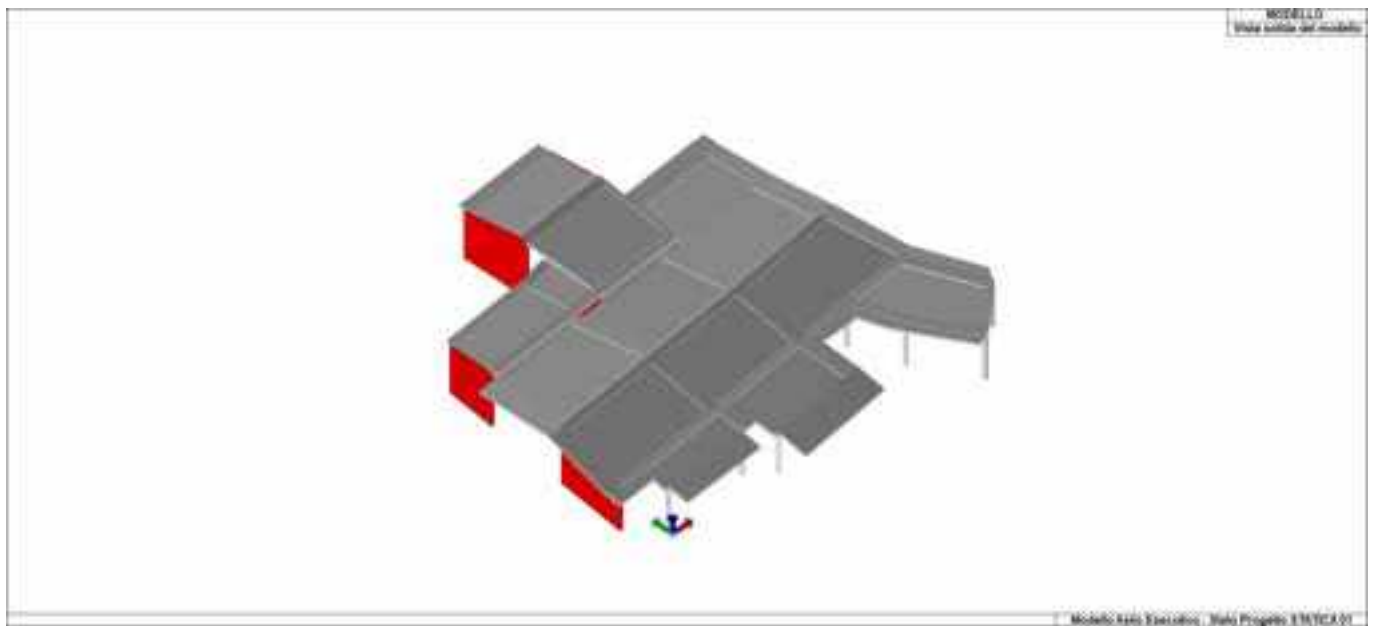
31. UNI EN 1997-1:2005 01/02/2005 Eurocodice 7 - Progettazione geotecnica - Parte 1: Regole generali.
32. UNI EN 1998-1:2005 01/03/2005 Eurocodice 8 - Progettazione delle strutture per la resistenza sismica - Parte 1: Regole generali, azioni sismiche e regole per gli edifici.
33. UNI EN 1998-3:2005 01/08/2005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

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

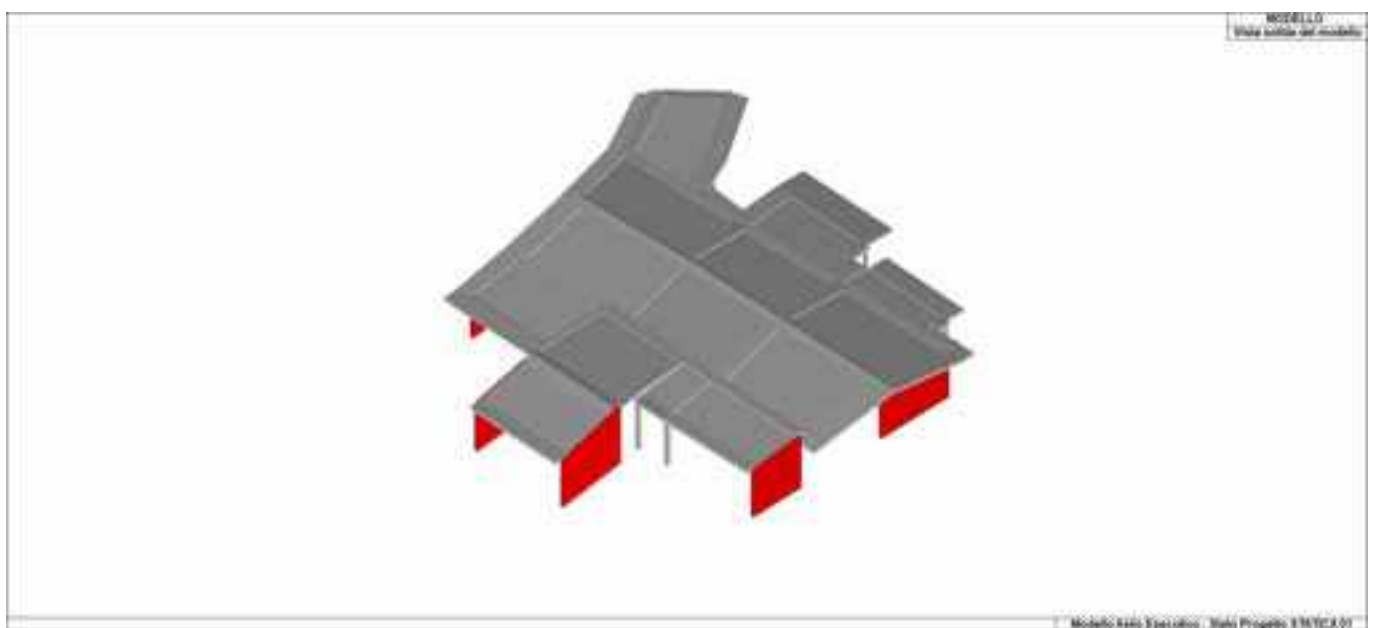
Laddove nei capitoli successivi vengano richiamate normative antecedenti al DM 17.01.18 è dovuto alla progettazione simulata di edificio esistente.



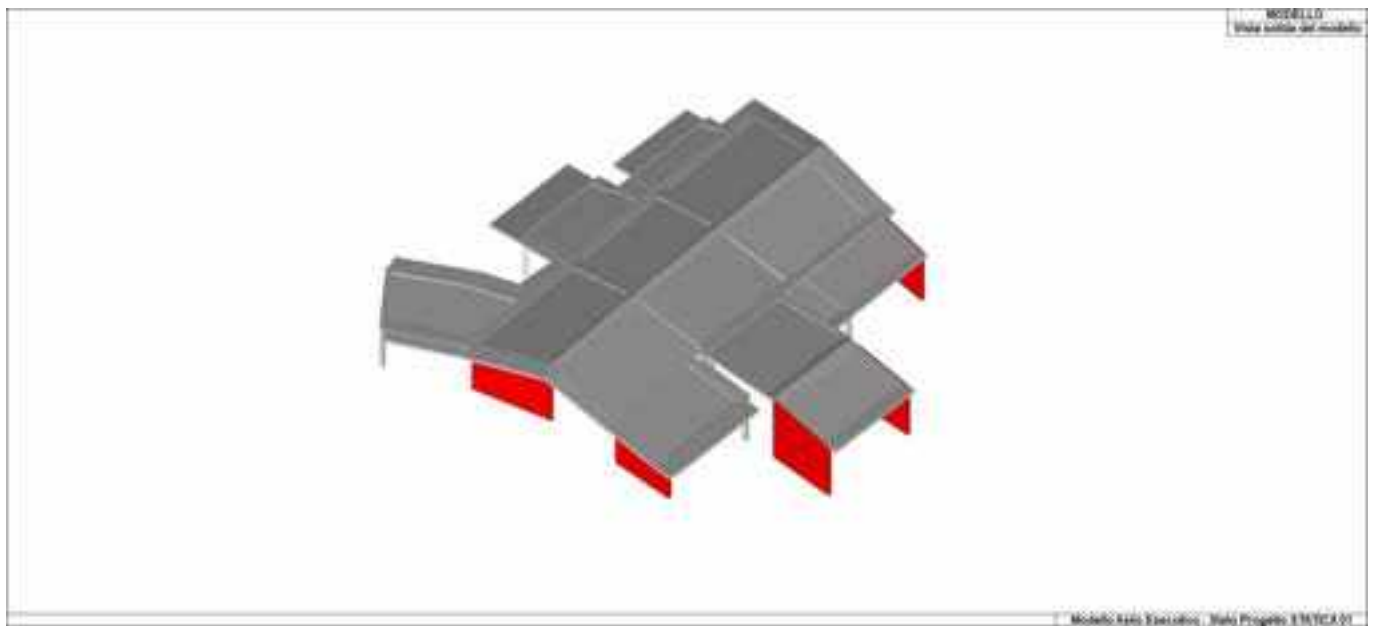
01_INT_VISTA_SOLIDA_001



01_INT_VISTA_SOLIDA_002



01_INT_VISTA_SOLIDA_003



01_INT_VISTA_SOLIDA_004

CARATTERISTICHE MATERIALI UTILIZZATI

LEGENDA TABELLA DATI MATERIALI

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

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

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

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

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

1	c.a.	Resistenza Rc Resistenza f_{ctm} Coefficiente α_{sb}	resistenza a compressione cubica resistenza media a trazione semplice Coefficiente di riduzione della resistenza a compressione da utilizzare nello stress block
2	acciaio	Tensione f_t Tensione f_y Resistenza f_d Resistenza $f_d (>40)$ Tensione ammissibile Tensione ammissibile(>40)	Valore della tensione di rottura Valore della tensione di snervamento Resistenza di calcolo per SL CNR-UNI 10011 Resistenza di calcolo per SL CNR-UNI 10011 per spessori > 40mm Tensione ammissibile CNR-UNI 10011 Tensione ammissibile CNR-UNI 10011 per spessori > 40mm
3	muratura	Muratura consolidata	Muratura per la quale si prevedono interventi di rinforzo"

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

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

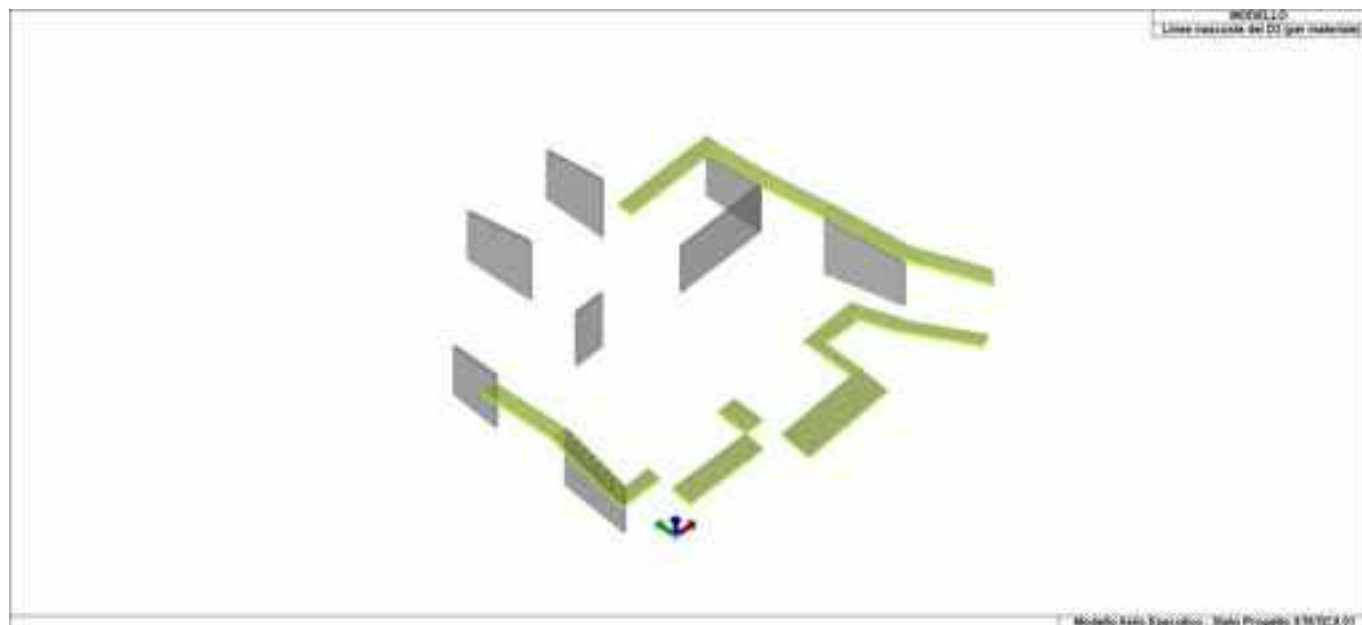
Vengono inoltre riportate le tabelle contenenti il riassunto delle informazioni assegnate nei criteri di progetto in uso.

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

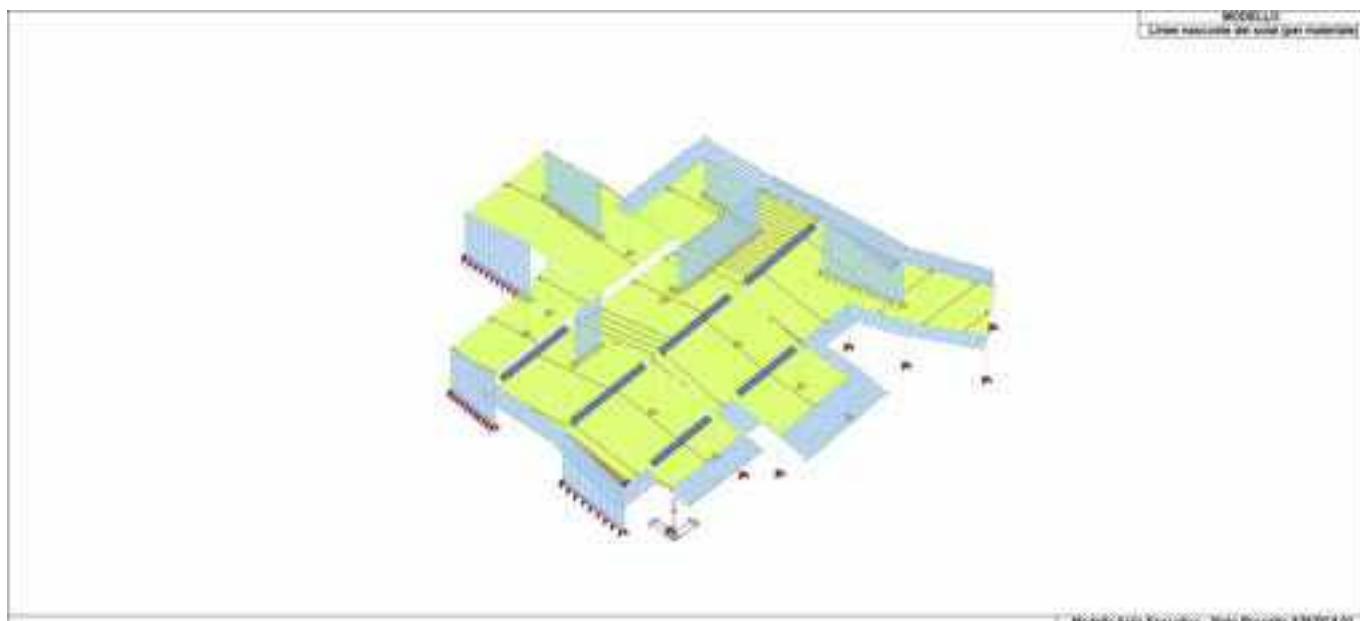
Id	Tipo / Note	V. caratt.	V. medio	Young	Poisson	G	Gamma	Alfa	Altri
	Rapporto HRDb								1.00e-05
	Rapporto HRDv								1.00e-05



11_MOD_MATERIALI_D2



11_MOD_MATERIALI_D3



11_MOD_MATERIALI_SOLAI

Pareti c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Generalità						
Progetto armatura	Parete sismica	Singolo elemento FONDAZIONE	Singolo elemento NON DISSIPATIVO	Singolo elemento		
Armatura						
Inclinazione Av [gradi]	90.00	90.00	90.00	90.00		
Angolo Av-Ao [gradi]	90.00	90.00	90.00	90.00		
Minima tesa	0.20	0.20	0.20	2.000e-02		
Massima tesa	4.00	4.00	4.00	4.00		
Maglia unica centrale	NO	NO	NO	NO		
Unico strato verticale	NO	NO	NO	NO		
Unico strato orizzontale	NO	NO	NO	NO		
Copri ferro [cm]	3.00	2.00	2.00	2.00		
Maglia V						
diametro	16	10	10	10		
passo	20	25	25	25		
diametro aggiuntivi	16	12	12	12		
Maglia O						
diametro	12	10	10	10		
passo	20	25	25	25		
diametro aggiuntivi	12	12	12	12		
Stati limite ultimi						
Tensione fy [daN/cm2]	4500.00	4500.00	4500.00	4500.00		
Tipo acciaio	tipo C	tipo C	tipo C	tipo C		
Coefficiente gamma s	1.15	1.15	1.15	1.15		
Coefficiente gamma c	1.50	1.50	1.50	1.50		
Verifiche con N costante	SI	SI	SI	SI		
Tensioni ammissibili						
Tensione amm. cls [daN/cm2]	97.50	97.50	97.50	97.50		
Tensione amm. acciaio [daN/cm2]	2600.00	2600.00	2600.00	2600.00		
Rapporto omogeneizzazione N	15.00	15.00	15.00	15.00		
Massimo rapporto area compressa/tesa	1.00	1.00	1.00	1.00		
Parete estesa debolmente armata						
Fattore amplificazione taglio V	0.0	0.0	0.0	0.0		
Hcrit. par. 7.4.4.5.1 [cm]	0.0	0.0	0.0	0.0		
Hcrit. par. 7.4.6.1.4 [cm]	0.0	0.0	0.0	0.0		
Diagramma involuppo taglio	NO	NO	NO	NO		
Vincolo lati	nessun lato	nessun lato	nessun lato	nessun lato		
Verifica come fascia	NO	NO	NO	NO		
Diametro di estremità	0	0	0	0		
Zona confinata						
Minima tesa	1.00	1.00	1.00	1.00		

Pareti c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Massima tesa	4.00	4.00	4.00	4.00		
Distanza barre [cm]	2.00	2.00	2.00	2.00		
Interferro	2	2	2	2		
Armatura inclinata						
Area barre [cm2]	0.0	0.0	0.0	0.0		
Angolo orizzontale [gradi]	0.0	0.0	0.0	0.0		
Distanza di base [cm]	0.0	0.0	0.0	0.0		
Resistenza al fuoco						
3- intradosso	NO	NO	NO	NO		
3+ estradosso	NO	NO	NO	NO		
Tempo di esposizione R	15	15	15	15		

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

Travi c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Generalità						
Progetta a filo	NO	NO	NO	SI		
Af inf: da q*L*L /	0.0	0.0	0.0	0.0		
Armatura						
Minima tesa	0.31	0.20	0.13	2.000e-02		
Minima compressa	0.31	0.20	0.13	2.000e-02		
Massima tesa	0.78	4.00	4.00	4.00		
Da sezione	SI	SI	SI	SI		
Usa armatura teorica	NO	NO	NO	NO		
Stati limite ultimi						
Tensione fy [daN/cm2]	4500.00	4500.00	4500.00	4500.00		
Tensione fy staffe [daN/cm2]	4500.00	4500.00	4500.00	4500.00		
Tipo acciaio	tipo C	tipo C	tipo C	tipo C		
Coefficiente gamma s	1.15	1.15	1.15	1.15		
Coefficiente gamma c	1.50	1.50	1.50	1.50		
Verifiche con N costante	SI	SI	SI	SI		
Fattore di ridistribuzione	0.0	0.0	0.0	0.0		
Modello per il confinamento						
Relazione tensio-deformativa	Mander	Mander	Mander	Mander		
Incrudimento acciaio	5.000e-03	5.000e-03	5.000e-03	5.000e-03		

Travi c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Fattore lambda	1.00	1.00	1.00	1.00		
epsilon max,s	4.000e-02	4.000e-02	4.000e-02	4.000e-02		
epsilon cu2	4.500e-03	4.500e-03	4.500e-03	4.500e-03		
epsilon c2	0.0	0.0	0.0	0.0		
epsilon cy	0.0	0.0	0.0	0.0		
Tensioni ammissibili						
Tensione amm. cls [daN/cm2]	97.50	97.50	97.50	97.50		
Tensione amm. acciaio [daN/cm2]	2600.00	2600.00	2600.00	2600.00		
Rapporto omogeneizzazione N	15.00	15.00	15.00	15.00		
Massimo rapporto area compressa/tesa	1.00	1.00	1.00	1.00		
Staffe						
Diametro staffe	0.0	0.0	0.0	0.0		
Passo minimo [cm]	4.00	4.00	4.00	4.00		
Passo massimo [cm]	30.00	30.00	30.00	30.00		
Passo raffittito [cm]	15.00	15.00	15.00	15.00		
Lunghezza zona raffittita [cm]	50.00	50.00	50.00	50.00		
Ctg(Teta) Max	2.50	2.50	2.50	2.50		
Percentuale sagomati	0.0	0.0	0.0	0.0		
Luce di taglio per GR [cm]	1.00	1.00	1.00	1.00		
Adotta scorrimento medio	NO	NO	NO	NO		
Torsione non essenziale inclusa	SI	SI	SI	SI		

Pilastr c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Generalità						
Progetto armatura	Privilegia lati	Privilegia lati	Privilegia lati	Privilegia lati		
Progetta a filo	NO	NO	NO	SI		
Effetti del 2 ordine	SI	SI	SI	SI		
Beta per 2-2	1.00	1.00	1.00	1.00		
Beta per 3-3	1.00	1.00	1.00	1.00		
Armatura						
Massima tesa	4.00	4.00	4.00	4.00		
Minima tesa	1.00	1.00	0.30	2.000e-02		
Stati limite ultimi						
Tensione fy [daN/cm2]	4500.00	4500.00	4500.00	4500.00		
Tensione fy staffe [daN/cm2]	4500.00	4500.00	4500.00	4500.00		
Tipo acciaio	tipo C	tipo C	tipo C	tipo C		
Coefficiente gamma s	1.15	1.15	1.15	1.15		
Coefficiente gamma c	1.50	1.50	1.50	1.50		
Verifiche con N costante	SI	SI	SI	SI		
Modello per il confinamento						
Relazione tensio-deformativa	Mander	Mander	Mander	Mander		
Incrudimento acciaio	5.000e-03	5.000e-03	5.000e-03	5.000e-03		
Fattore lambda	1.00	1.00	1.00	1.00		
epsilon max,s	4.000e-02	4.000e-02	4.000e-02	4.000e-02		
epsilon cu2	4.500e-03	4.500e-03	4.500e-03	4.500e-03		
epsilon c2	0.0	0.0	0.0	0.0		
epsilon cy	0.0	0.0	0.0	0.0		
Tensioni ammissibili						
Tensione amm. cls [daN/cm2]	97.50	97.50	97.50	97.50		
Tensione amm. acciaio [daN/cm2]	2600.00	2600.00	2600.00	2600.00		
Rapporto omogeneizzazione N	15.00	15.00	15.00	15.00		
Staffe						
Diametro staffe	0.0	0.0	0.0	0.0		
Passo minimo [cm]	5.00	5.00	5.00	5.00		
Passo massimo [cm]	25.00	25.00	25.00	25.00		
Passo raffittito [cm]	15.00	15.00	15.00	15.00		
Lunghezza zona raffittita [cm]	45.00	45.00	45.00	45.00		
Ctg(Teta) Max	2.50	2.50	2.50	2.50		
Luce di taglio per GR [cm]	1.00	1.00	1.00	1.00		
Massimizza gerarchia	SI	SI	SI	SI		

Solai e pannelli	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Generalità						
Usa tensioni ammissibili	NO	NO	NO	NO		
Af inf: da traliccio	SI	SI	SI	SI		
Consenti armatura a taglio	NO	NO	NO	NO		

Solai e pannelli	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Incrementa armatura longitudinale per taglio	SI	SI	SI	SI		
Af inf: da q*L*L /	20.00	20.00	20.00	20.00		
Incremento fascia piena [cm]	5.00	5.00	5.00	5.00		
Armatura						
Minima tesa	0.15	0.15	0.15	0.15		
Massima tesa	3.00	3.00	3.00	3.00		
Minima compressa	0.0	0.0	0.0	0.0		
Af/h [cm]	7.000e-02	7.000e-02	7.000e-02	7.000e-02		
Stati limite ultimi						
Tensione fy [daN/cm2]	4500.00	4500.00	4500.00	4500.00		
Tipo acciaio	tipo C	tipo C	tipo C	tipo C		
Coefficiente gamma s	1.15	1.15	1.15	1.15		
Coefficiente gamma c	1.50	1.50	1.50	1.50		
Fattore di ridistribuzione	0.0	0.0	0.0	0.0		
Tensioni ammissibili						
Tensione amm. cls [daN/cm2]	85.00	85.00	85.00	85.00		
Tensione amm. acciaio [daN/cm2]	2600.00	2600.00	2600.00	2600.00		
Rapporto omogeneizzazione N	15.00	15.00	15.00	15.00		
Massimo rapporto area compressa/tesa	1.00	1.00	1.00	1.00		
Verifica freccia						
Infinita	250.00	250.00	250.00	250.00		
Istantanea	500.00	500.00	500.00	500.00		
Fattore viscosità	3.00	3.00	3.00	3.00		
Usa J non fessurato	NO	NO	NO	NO		
Elementi non strutturali						
Tamponatura antiespulsione	NO	NO	NO	NO		
Tamponatura con armatura	NO	NO	NO	NO		
Fattore di struttura/comportamento	2.00	2.00	2.00	2.00		
Coefficiente gamma m	0.0	0.0	0.0	0.0		
Periodo Ta	0.0	0.0	0.0	0.0		
Altezza pannello	0.0	0.0	0.0	0.0		

EDIFICI ESISTENTI: INTERVENTI DI RINFORZO

LEGENDA TABELLE INTERVENTI DI RINFORZO

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

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

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

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

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

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

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

Per i rinforzi FRP muratura è adottata la seguente simbologia:

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

Per i rinforzi FRCM muratura è adottata la seguente simbologia:

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

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

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

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

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

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

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

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

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

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

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

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

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

TRAVI: BETON PLAQUE

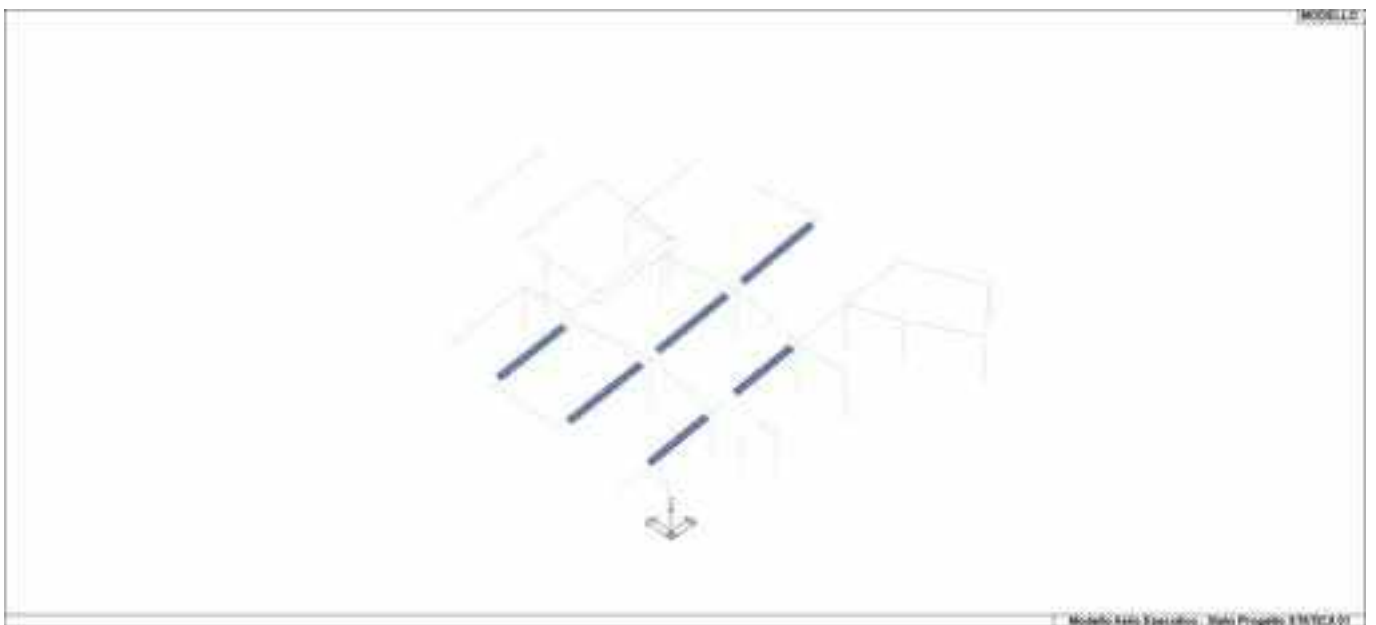
Trave	f _{yk} plt.	Spess.	li V	lc V	lf V	A sup	li F	lc F	lf F	A inf	li F	lc F	lf F
	N/mm ²	mm	cm	cm	cm	cm ²	cm	cm	cm	cm ²	cm	cm	cm
32	275.00	10.00	30.00	0.0	30.00	48.00	40.00	0.0	40.00	36.00			
33	275.00	10.00	30.00	0.0	30.00	48.00	40.00	0.0	40.00	36.00			
34	275.00	10.00	30.00	0.0	30.00	48.00	40.00	0.0	40.00	36.00			
61	275.00	10.00	30.00	0.0	30.00	48.00	40.00	0.0	40.00	36.00			
67	275.00	10.00	30.00	0.0	30.00	48.00	40.00	0.0	40.00	36.00			
82	275.00	10.00	30.00	0.0	30.00	48.00	40.00	0.0	40.00	36.00			



12_MOD_RINFORZI_D2_AO



12_MOD_RINFORZI_D2_FILO_AO



12_MOD_RINFORZI_D2_FILO_PO



12_MOD_RINFORZI_D2_PO

MODELLAZIONE DELLE SEZIONI

LEGENDA TABELLA DATI SEZIONI

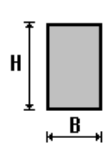
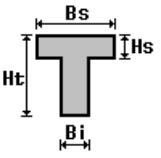
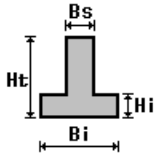
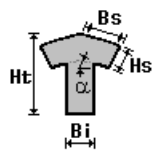
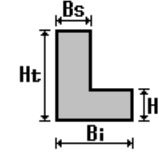
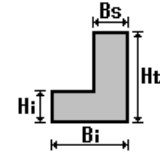
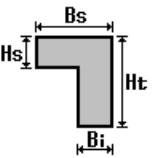
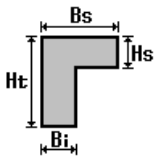
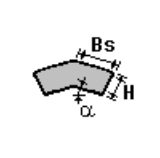
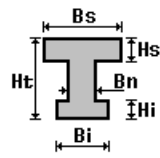
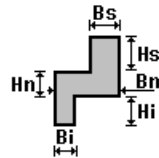
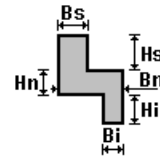
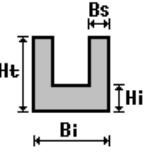
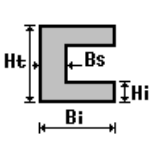
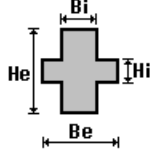
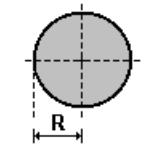
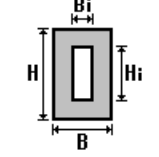
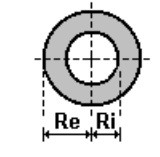
Il programma consente l'uso di sezioni diverse. Sono previsti i seguenti tipi di sezione:

1. sezione di tipo generico
2. profilati semplici
3. profilati accoppiati e speciali

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

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

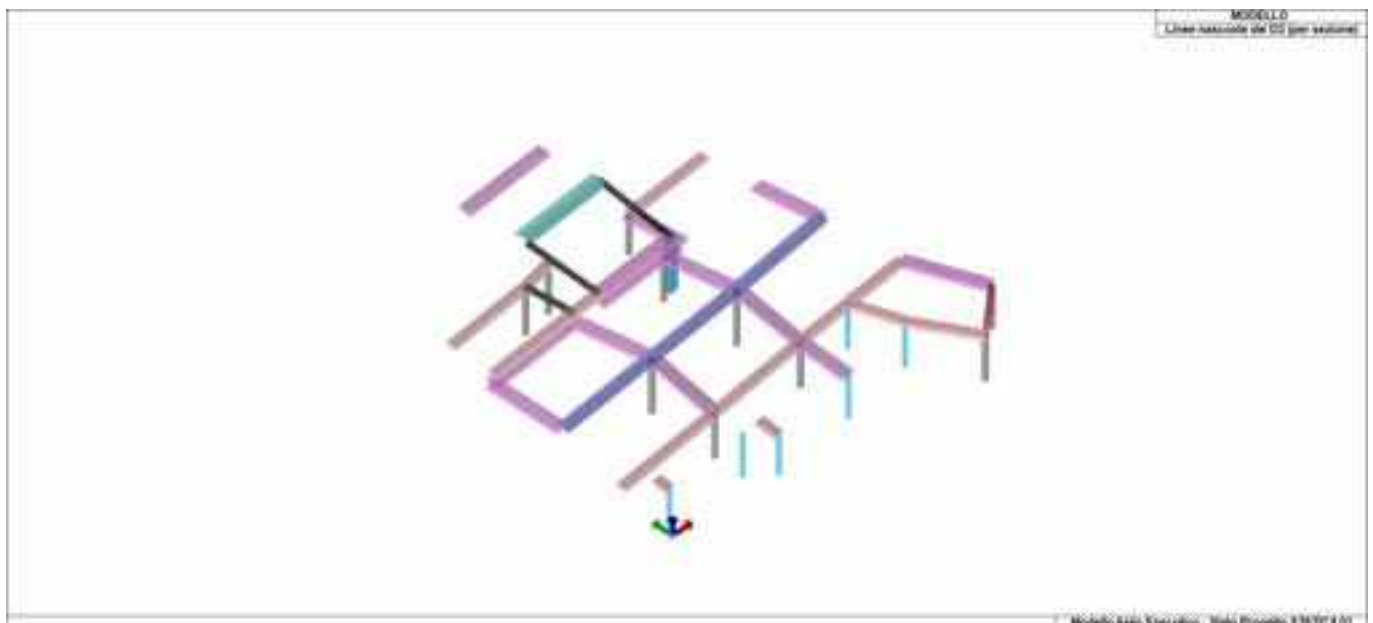
I dati sopra riportati vengono utilizzati per la determinazione dei carichi inerziali e per la definizione delle rigidezze degli elementi strutturali; qualora il valore di Area V2 (e/o Area V3) sia nullo la deformabilità per taglio V2 (e/o V3) è trascurata. La valutazione delle caratteristiche inerziali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

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

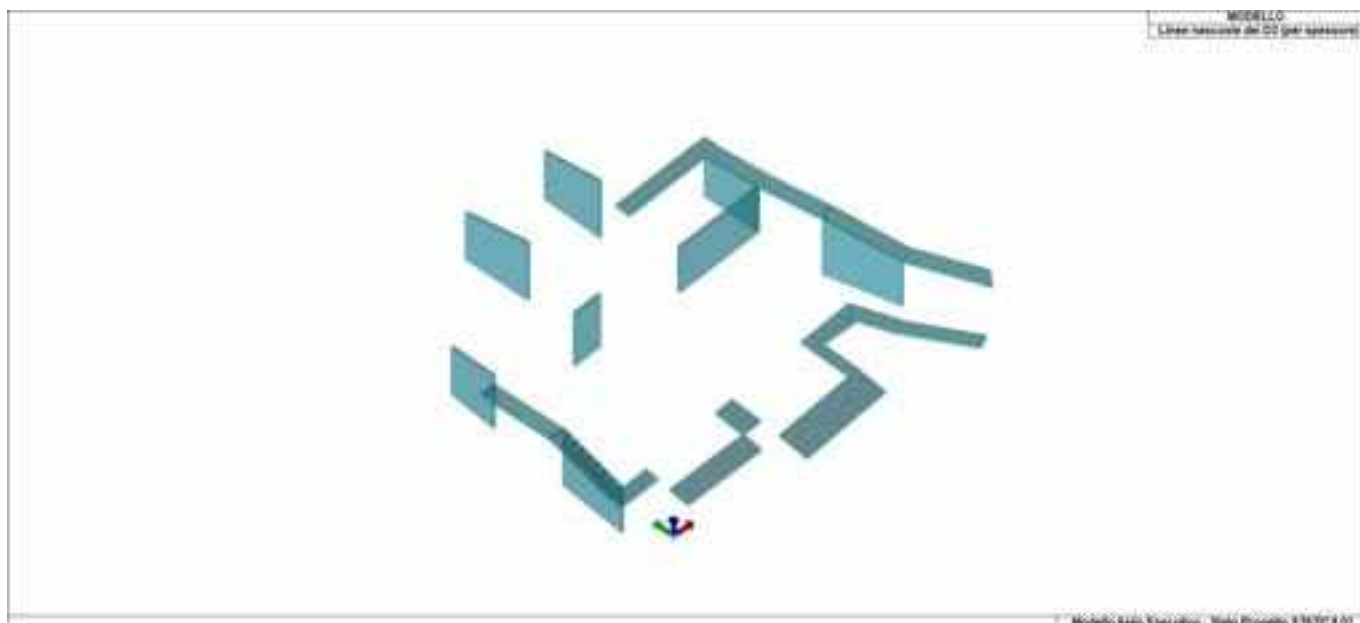
Per quanto concerne i profilati semplici ed accoppiati l'asse 2 del riferimento coincide con l'asse x riportato nei più diffusi profilati.

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

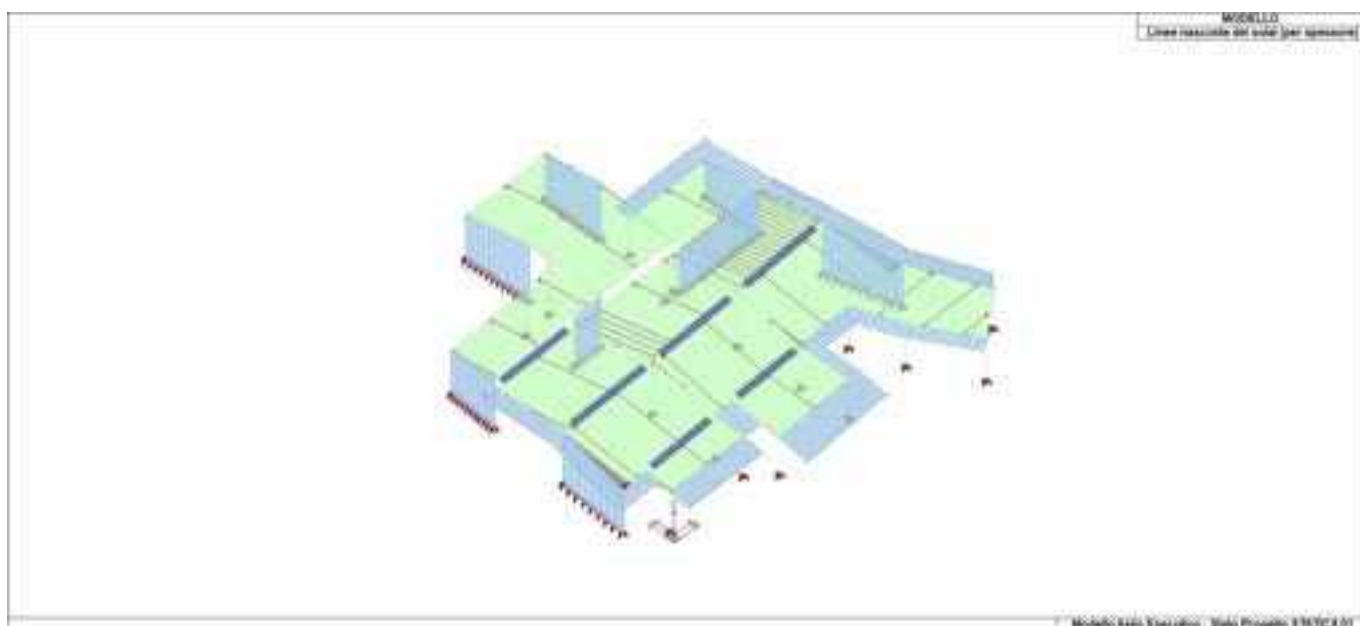
Id	Tipo	Area	A V2	A V3	Jt	J 2-2	J 3-3	W 2-2	W 3-3	Wp 2-2	Wp 3-3
		cm2	cm2	cm2	cm4	cm4	cm4	cm3	cm3	cm3	cm3
1	Pilastro 25x25 - Rettangolare: b=25 h=25	625.00	520.83	520.83	5.491e+04	3.255e+04	3.255e+04	2604.17	2604.17	3906.25	3906.25
2	Pilastro 60x30 - Rettangolare: b=30 h=60	1800.00	1500.00	1500.00	3.699e+05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



13_MOD_SEZIONI



13_MOD_SPESSORI_D3



13_MOD_SPESSORI_D5

MODELLAZIONE STRUTTURA: NODI

LEGENDA TABELLA DATI NODI

Il programma utilizza per la modellazione nodi strutturali.

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

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

Nodo	numero del nodo.
X	valore della coordinata X
Y	valore della coordinata Y
Z	valore della coordinata Z

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

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

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

TABELLA DATI NODI

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

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

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

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

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

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

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

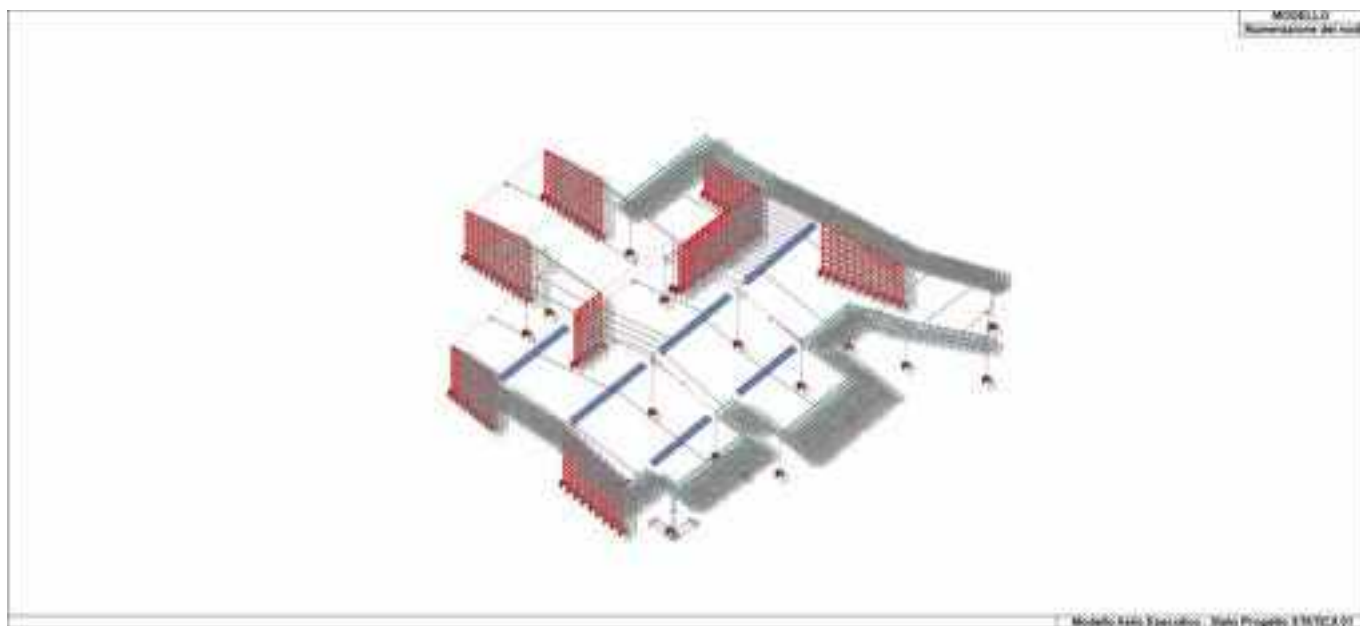
1546	540.4	-9.8	290.7	1547	540.4	23.2	295.4	1548	751.1	-61.9	281.7
1549	796.2	-59.0	283.3	1550	841.4	-56.0	285.0	1551	886.5	-53.0	286.7
1552	931.7	-50.0	288.3	1553	976.8	-47.1	290.0	1554	1022.0	-44.1	291.7
1555	1067.1	-41.1	293.3	1556	1112.3	-38.2	295.0	1557	1157.5	-35.2	296.7
1558	1202.6	-32.2	298.3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

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

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

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

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



14_MOD_NUMERAZIONE_NODI

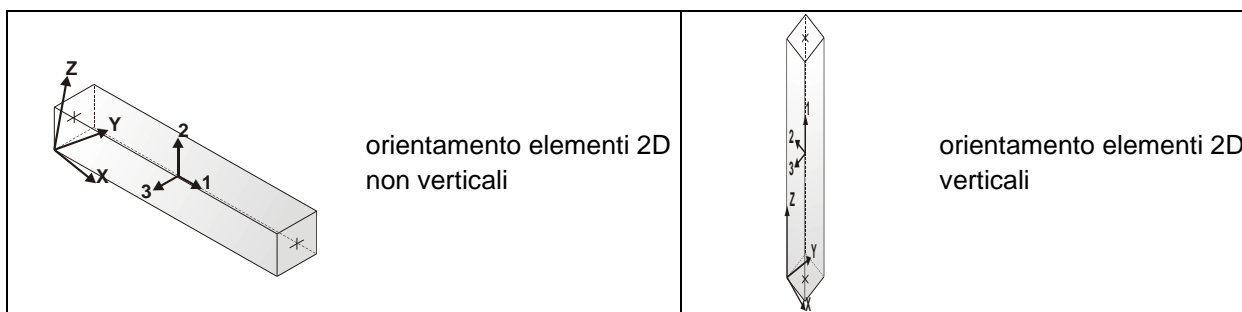
MODELLAZIONE STRUTTURA: ELEMENTI TRAVE

TABELLA DATI TRAVI

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

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

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



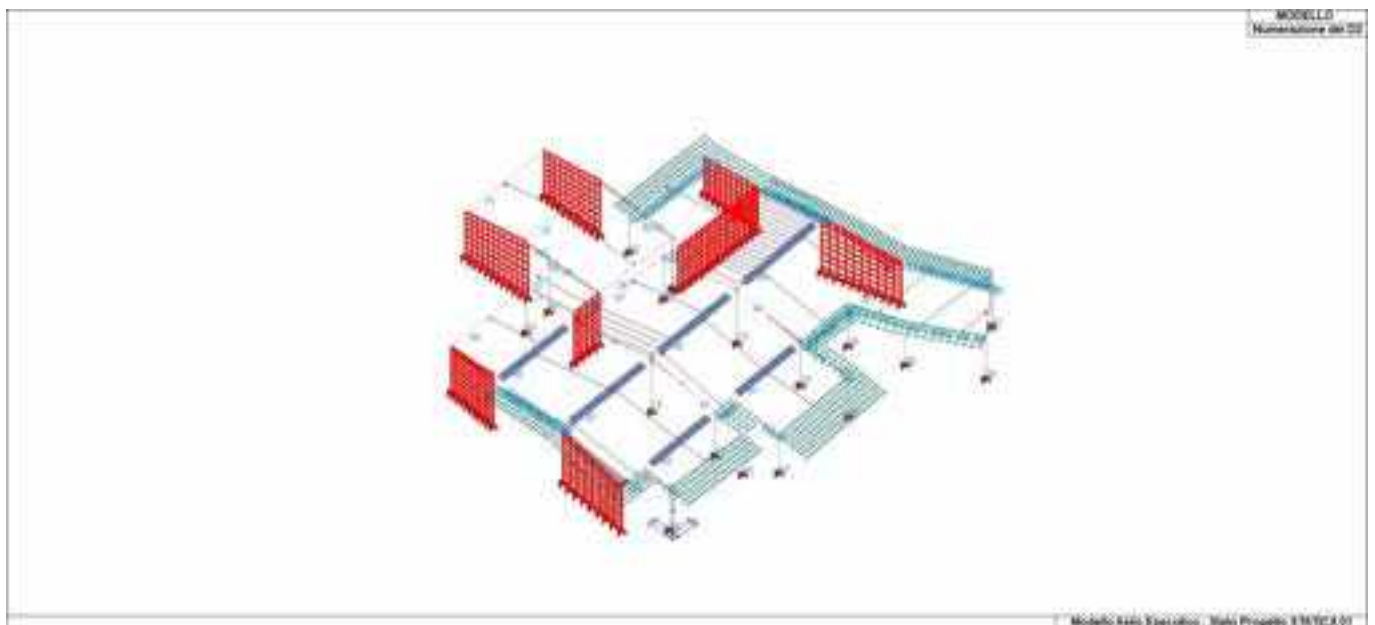
In particolare per ogni elemento viene indicato in tabella:

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

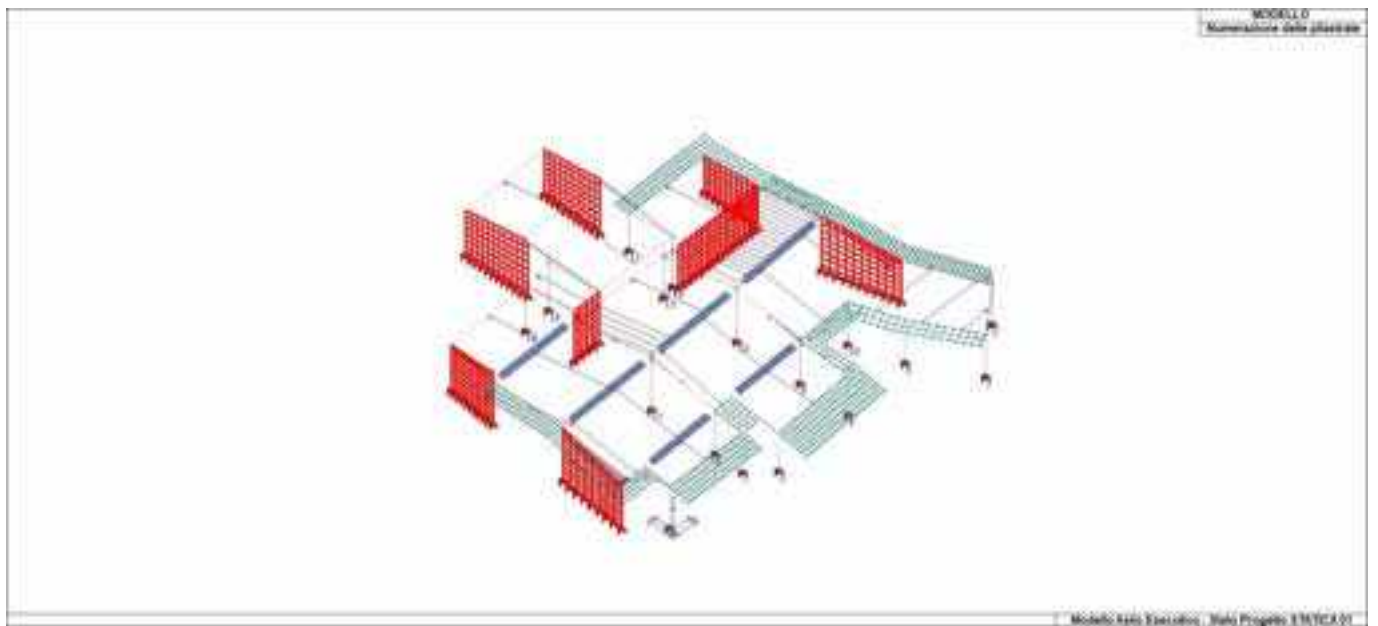
Elem.	Note	Nodo I	Nodo J	Mat.	Sez.	Crit.	Rotaz. gradi	Svincolo I	Svincolo J	Wink V daN/cm3	Wink O daN/cm3
1	Trave	1858	1895	159	8	4					
2	Trave	1895	1859	159	8	4					
3	Trave	1774	1775	159	8	4					
4	Trave	1859	1894	159	8	4					
5	Pilas.	9	10	159	2	4	10.00				
6	Trave	1863	1864	159	7	4					
7	Trave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

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

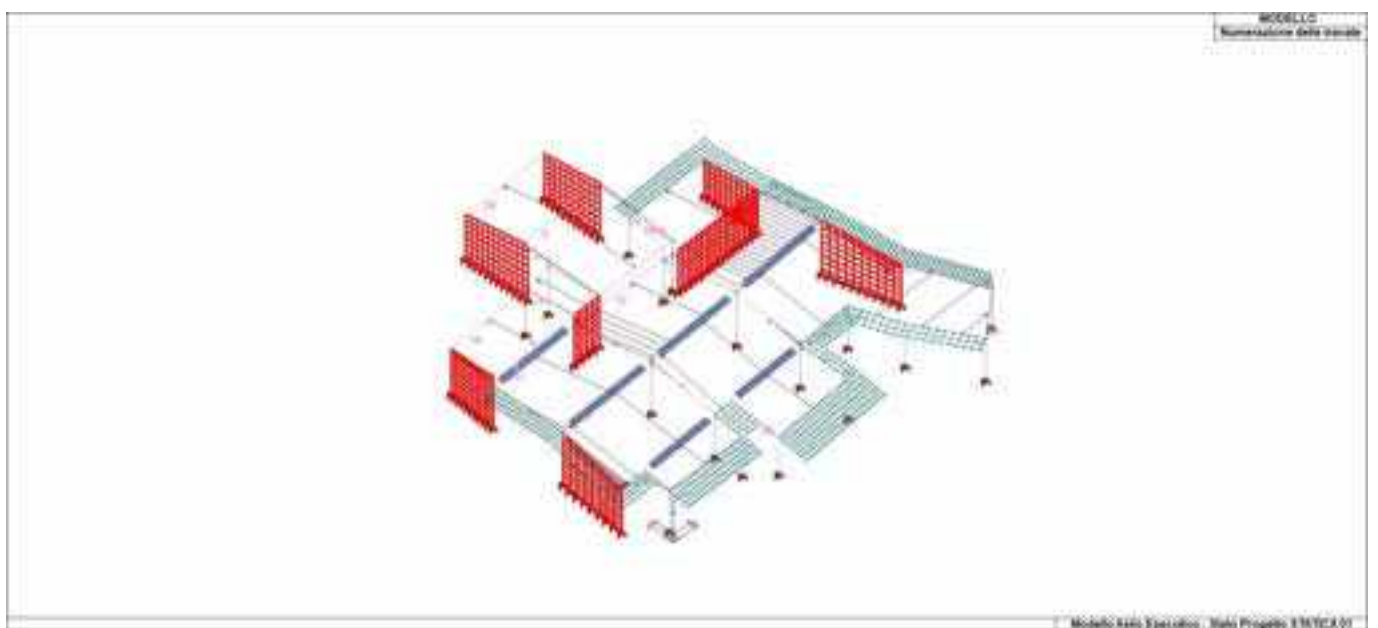
150	Trave	908	893	159	7	4
151	Trave	907	894	159	7	4
152	Trave	906	895	159	7	4
153	Trave	905	28	159	7	4
154	Trave	1090	1062	159	7	4
155	Trave	1089	1063	159	7	4
156	Trave	1088	1064	159	7	4
157	Trave	1087	1065	159	7	4
158	Trave	1086	1066	159	7	4
159	Trave	1085	1067	159	7	4
160	Trave	1084	1068	159	7	4
161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



15_MOD_NUMERAZIONE_D2



15_MOD_NUMERAZIONE_D2_PILASTRATE



15_MOD_NUMERAZIONE_D2_TRAVATE

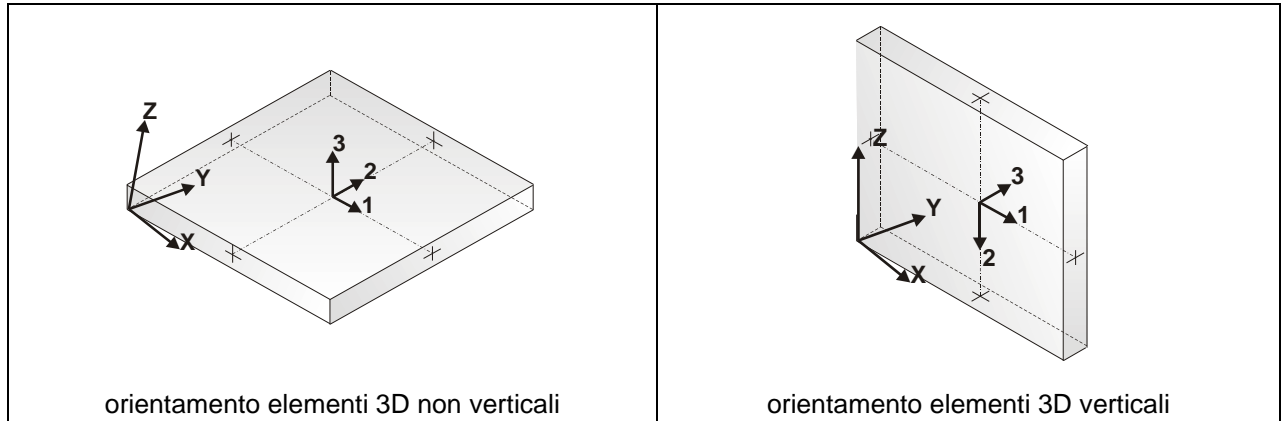
MODELLAZIONE STRUTTURA: ELEMENTI SHELL

LEGENDA TABELLA DATI SHELL

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

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

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



In particolare per ogni elemento viene indicato in tabella:

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

Elem.	Note	Nodo I	Nodo J	Nodo K	Nodo L	Mat.	Crit.	Spessore cm	Svincolo	Wink V daN/cm3	Wink O daN/cm3
1	Setto	72	36	70	71	1	1	20.0			
2	Setto	71	70	73	74	1	1	20.0			
3	Setto	74	73	75	76	1	1	20.0			
4	Setto	76	75	77	78	1	1	20.0			
5	Setto	78	77	79	80	1	1	20.0			
6	Setto	80	79	81	82	1	1	20.0			
7	Setto	82	81	83	84	1	1	20.0			
8	Setto	84	83	35	85	1	1	20.0			
9	Setto	87	72	71	86	1	1	20.0			
10	Setto	86	71	74	88	1	1	20.0			
11	Setto	88	74	76	89	1	1	20.0			
12	Setto	89	76	78	90	1	1	20.0			
13	Setto	90	78	80	91	1	1	20.0			
14	Setto	91	80	82	92	1	1	20.0			
15	Setto	92	82	84	93	1	1	20.0			
16	Setto	93	84	85	94	1	1	20.0			
17	Setto	96	87	86	95	1	1	20.0			
18	Setto	95	86	88	97	1	1	20.0			
19	Setto	97	88	89	98	1	1	20.0			
20	Setto	98	89	90	99	1	1	20.0			
21	Setto	99	90	91	100	1	1	20.0			
22	Setto	100	91	92	101	1	1	20.0			
23	Setto	101	92	93	102	1	1	20.0			
24	Setto	102	93	94	103	1	1	20.0			
25	Setto	105	96	95	104	1	1	20.0			
26	Setto	104	95	97	106	1	1	20.0			
27	Setto	106	97	98	107	1	1	20.0			
28	Setto	107	98	99	108	1	1	20.0			
29	Setto	108	99	100	109	1	1	20.0			
30	Setto	109	100	101	110	1	1	20.0			
31	Setto	110	101	102	111	1	1	20.0			
32	Setto	111	102	103	112	1	1	20.0			
33	Setto	114	105	104	113	1	1	20.0			
34	Setto	113	104	106	115	1	1	20.0			
35	Setto	115	106	107	116	1	1	20.0			
36	Setto	116	107	108	117	1	1	20.0			
37	Setto	117	108	109	118	1	1	20.0			
38	Setto	118	109	110	119	1	1	20.0			
39	Setto	119	110	111	120	1	1	20.0			
40	Setto	120	111	112	121	1	1	20.0			
41	Setto	123	114	113	122	1	1	20.0			
42	Setto	122	113	115	124	1	1	20.0			
43	Setto	124	115	116	125	1	1	20.0			
44	Setto	125	116	117	126	1	1	20.0			
45	Setto	126	117	118	127	1	1	20.0			
46	Setto	127	118	119	128	1	1	20.0			
47	Setto	128	119	120	129	1	1	20.0			
48	Setto	129	120	121	130	1	1	20.0			
49	Setto	132	123	122	131	1	1	20.0			
50	Setto	131	122	124	133	1	1	20.0			
51	Setto	133	124	125	134	1	1	20.0			
52	Setto	134	125	126	135	1	1	20.0			
53	Setto	135	126	127	136	1	1	20.0			
54	Setto	136	127	128	137	1	1	20.0			
55	Setto	137	128	129	138	1	1	20.0			
56	Setto	138	129	130	139	1	1	20.0			
57	Setto	141	132	131	140	1	1	20.0			
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62	Setto	145	136	137	146	1	1	20.0			
63	Setto	146	137	138	147	1	1	20.0			
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65	Setto	150	141	140	149	1	1	20.0			
66	Setto	149	140	142	151	1	1	20.0			
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79	Setto	163	155	156	164	1	1	20.0
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82	Setto	166	165	168	169	1	1	20.0
83	Setto	169	168	170	171	1	1	20.0
84	Setto	171	170	172	173	1	1	20.0
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88	Setto	179	178	7	180	1	1	20.0
89	Setto	182	167	166	181	1	1	20.0
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168	Setto	274	273	5	275	1	1	20.0
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176	Setto	283	274	275	284	1	1	20.0
177	Setto	286	277	276	285	1	1	20.0
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192	Setto	301	292	293	302	1	1	20.0
193	Setto	304	295	294	303	1	1	20.0
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249	Setto	373	358	357	372	1	1	20.0
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424	Setto	593	592	594	595	1	1	20.0
425	Setto	595	594	596	597	1	1	20.0
426	Setto	597	596	598	599	1	1	20.0
427	Setto	599	598	600	601	1	1	20.0
428	Setto	601	600	45	602	1	1	20.0
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430	Setto	603	588	591	605	1	1	20.0
431	Setto	605	591	593	606	1	1	20.0
432	Setto	606	593	595	607	1	1	20.0
433	Setto	607	595	597	608	1	1	20.0
434	Setto	608	597	599	609	1	1	20.0
435	Setto	609	599	601	610	1	1	20.0
436	Setto	610	601	602	611	1	1	20.0
437	Setto	613	986	603	612	1	1	20.0
438	Setto	612	603	605	614	1	1	20.0
439	Setto	614	605	606	615	1	1	20.0
440	Setto	615	606	607	616	1	1	20.0
441	Setto	616	607	608	617	1	1	20.0
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443	Setto	618	609	610	619	1	1	20.0
444	Setto	619	610	611	620	1	1	20.0
445	Setto	622	987	612	621	1	1	20.0
446	Setto	621	612	614	623	1	1	20.0
447	Setto	623	614	615	624	1	1	20.0
448	Setto	624	615	616	625	1	1	20.0
449	Setto	625	616	617	626	1	1	20.0
450	Setto	626	617	618	627	1	1	20.0
451	Setto	627	618	619	628	1	1	20.0
452	Setto	628	619	620	629	1	1	20.0
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455	Setto	632	623	624	633	1	1	20.0
456	Setto	633	624	625	634	1	1	20.0
457	Setto	634	625	626	635	1	1	20.0

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459	Setto	636	627	628	637	1	1	20.0
460	Setto	637	628	629	638	1	1	20.0
461	Setto	640	989	630	639	1	1	20.0
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463	Setto	641	632	633	642	1	1	20.0
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467	Setto	645	636	637	646	1	1	20.0
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473	Setto	652	643	644	653	1	1	20.0
474	Setto	653	644	645	654	1	1	20.0
475	Setto	654	645	646	655	1	1	20.0
476	Setto	655	646	647	656	1	1	20.0
477	Setto	658	991	648	657	1	1	20.0
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488	Setto	669	660	661	670	1	1	20.0
489	Setto	670	661	662	671	1	1	20.0
490	Setto	671	662	663	672	1	1	20.0
491	Setto	672	663	664	673	1	1	20.0
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493	Setto	28	993	666	675	1	1	20.0
494	Setto	675	666	668	676	1	1	20.0
495	Setto	676	668	669	677	1	1	20.0
496	Setto	677	669	670	678	1	1	20.0
497	Setto	678	670	671	679	1	1	20.0
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503	Setto	474	683	684	476	1	1	20.0
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507	Setto	482	687	688	484	1	1	20.0
508	Setto	484	688	689	486	1	1	20.0
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511	Setto	473	475	692	682	1	1	20.0
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523	Setto	693	703	704	694	1	1	20.0
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532	Setto	702	483	490	703	1	1	20.0
533	Setto	703	490	489	704	1	1	20.0
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536	Setto	706	491	472	707	1	1	20.0
537	Setto	707	472	477	708	1	1	20.0
538	Setto	708	477	479	709	1	1	20.0
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542	Setto	66	714	713	712	1	1	20.0
543	Setto	712	713	716	715	1	1	20.0
544	Setto	715	716	718	717	1	1	20.0
545	Setto	717	718	720	719	1	1	20.0
546	Setto	719	720	722	721	1	1	20.0
547	Setto	721	722	724	723	1	1	20.0
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549	Setto	725	726	727	65	1	1	20.0
550	Setto	714	729	728	713	1	1	20.0
551	Setto	713	728	730	716	1	1	20.0
552	Setto	716	730	731	718	1	1	20.0
553	Setto	718	731	732	720	1	1	20.0
554	Setto	720	732	733	722	1	1	20.0
555	Setto	722	733	734	724	1	1	20.0
556	Setto	724	734	735	726	1	1	20.0
557	Setto	726	735	736	727	1	1	20.0
558	Setto	729	738	737	728	1	1	20.0
559	Setto	728	737	739	730	1	1	20.0
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562	Setto	732	741	742	733	1	1	20.0
563	Setto	733	742	743	734	1	1	20.0
564	Setto	734	743	744	735	1	1	20.0
565	Setto	735	744	745	736	1	1	20.0
566	Setto	738	747	746	737	1	1	20.0
567	Setto	737	746	748	739	1	1	20.0
568	Setto	739	748	749	740	1	1	20.0
569	Setto	740	749	750	741	1	1	20.0
570	Setto	741	750	751	742	1	1	20.0
571	Setto	742	751	752	743	1	1	20.0
572	Setto	743	752	753	744	1	1	20.0
573	Setto	744	753	754	745	1	1	20.0
574	Setto	747	756	755	746	1	1	20.0
575	Setto	746	755	757	748	1	1	20.0
576	Setto	748	757	758	749	1	1	20.0
577	Setto	749	758	759	750	1	1	20.0
578	Setto	750	759	760	751	1	1	20.0
579	Setto	751	760	761	752	1	1	20.0
580	Setto	752	761	762	753	1	1	20.0
581	Setto	753	762	763	754	1	1	20.0
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587	Setto	760	769	770	761	1	1	20.0
588	Setto	761	770	771	762	1	1	20.0
589	Setto	762	771	772	763	1	1	20.0
590	Setto	765	774	773	764	1	1	20.0
591	Setto	764	773	775	766	1	1	20.0
592	Setto	766	775	776	767	1	1	20.0
593	Setto	767	776	777	768	1	1	20.0
594	Setto	768	777	778	769	1	1	20.0
595	Setto	769	778	779	770	1	1	20.0
596	Setto	770	779	780	771	1	1	20.0
597	Setto	771	780	781	772	1	1	20.0
598	Setto	774	783	782	773	1	1	20.0
599	Setto	773	782	784	775	1	1	20.0
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601	Setto	776	785	786	777	1	1	20.0
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604	Setto	779	788	789	780	1	1	20.0
605	Setto	780	789	790	781	1	1	20.0
606	Setto	783	792	791	782	1	1	20.0
607	Setto	782	791	793	784	1	1	20.0
608	Setto	784	793	794	785	1	1	20.0
609	Setto	785	794	795	786	1	1	20.0
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613	Setto	789	798	799	790	1	1	20.0
614	Setto	792	801	800	791	1	1	20.0
615	Setto	791	800	802	793	1	1	20.0
616	Setto	793	802	803	794	1	1	20.0
617	Setto	794	803	804	795	1	1	20.0
618	Setto	795	804	805	796	1	1	20.0
619	Setto	796	805	806	797	1	1	20.0
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621	Setto	798	807	808	799	1	1	20.0
622	Setto	801	810	809	800	1	1	20.0
623	Setto	800	809	811	802	1	1	20.0
624	Setto	802	811	812	803	1	1	20.0
625	Setto	803	812	813	804	1	1	20.0
626	Setto	804	813	814	805	1	1	20.0
627	Setto	805	814	815	806	1	1	20.0
628	Setto	806	815	816	807	1	1	20.0
629	Setto	807	816	817	808	1	1	20.0
630	Setto	810	819	818	809	1	1	20.0
631	Setto	809	818	820	811	1	1	20.0
632	Setto	811	820	821	812	1	1	20.0
633	Setto	812	821	822	813	1	1	20.0
634	Setto	813	822	823	814	1	1	20.0
635	Setto	814	823	824	815	1	1	20.0
636	Setto	815	824	825	816	1	1	20.0
637	Setto	816	825	826	817	1	1	20.0
638	Setto	819	828	827	818	1	1	20.0
639	Setto	818	827	829	820	1	1	20.0
640	Setto	820	829	830	821	1	1	20.0
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644	Setto	824	833	834	825	1	1	20.0
645	Setto	825	834	835	826	1	1	20.0
646	Setto	828	837	836	827	1	1	20.0
647	Setto	827	836	838	829	1	1	20.0
648	Setto	829	838	839	830	1	1	20.0
649	Setto	830	839	840	831	1	1	20.0
650	Setto	831	840	841	832	1	1	20.0
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653	Setto	834	843	844	835	1	1	20.0
654	Setto	837	846	845	836	1	1	20.0
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658	Setto	840	849	850	841	1	1	20.0
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661	Setto	843	852	853	844	1	1	20.0
662	Setto	846	36	70	845	1	1	20.0
663	Setto	845	70	73	847	1	1	20.0
664	Setto	847	73	75	848	1	1	20.0
665	Setto	848	75	77	849	1	1	20.0
666	Setto	849	77	79	850	1	1	20.0
667	Setto	850	79	81	851	1	1	20.0
668	Setto	851	81	83	852	1	1	20.0
669	Setto	852	83	35	853	1	1	20.0
670	Guscio	150	869	865	38	159	4	20.0
671	Guscio	141	870	869	150	159	4	20.0
672	Guscio	132	871	870	141	159	4	20.0
673	Guscio	123	872	871	132	159	4	20.0
674	Guscio	114	873	872	123	159	4	20.0
675	Guscio	105	874	873	114	159	4	20.0
676	Guscio	96	875	874	105	159	4	20.0
677	Guscio	87	876	875	96	159	4	20.0
678	Guscio	72	877	876	87	159	4	20.0
679	Guscio	36	868	877	72	159	4	20.0
680	Guscio	869	878	866	865	159	4	20.0
681	Guscio	870	879	878	869	159	4	20.0
682	Guscio	871	880	879	870	159	4	20.0
683	Guscio	872	881	880	871	159	4	20.0
684	Guscio	873	882	881	872	159	4	20.0
685	Guscio	874	883	882	873	159	4	20.0
686	Guscio	875	884	883	874	159	4	20.0
687	Guscio	876	885	884	875	159	4	20.0
688	Guscio	877	886	885	876	159	4	20.0

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

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

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

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

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

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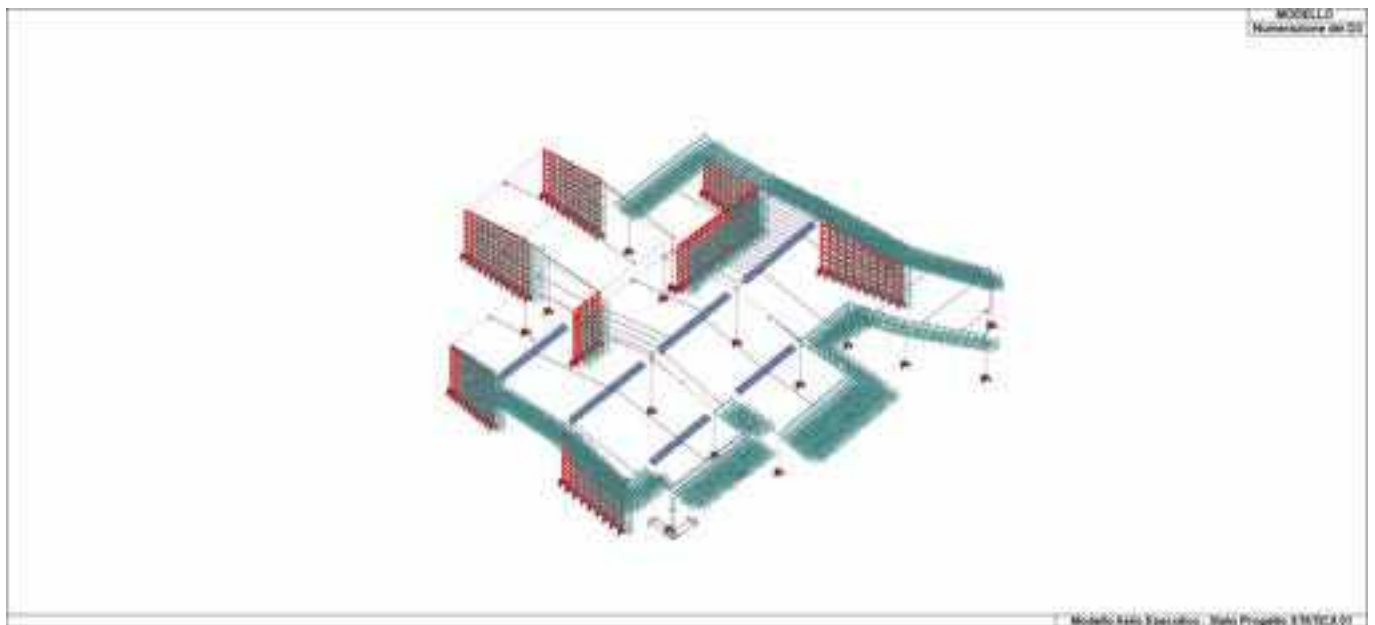
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1379	Guscio	1744	1745	1768	1767	159	4	20.0
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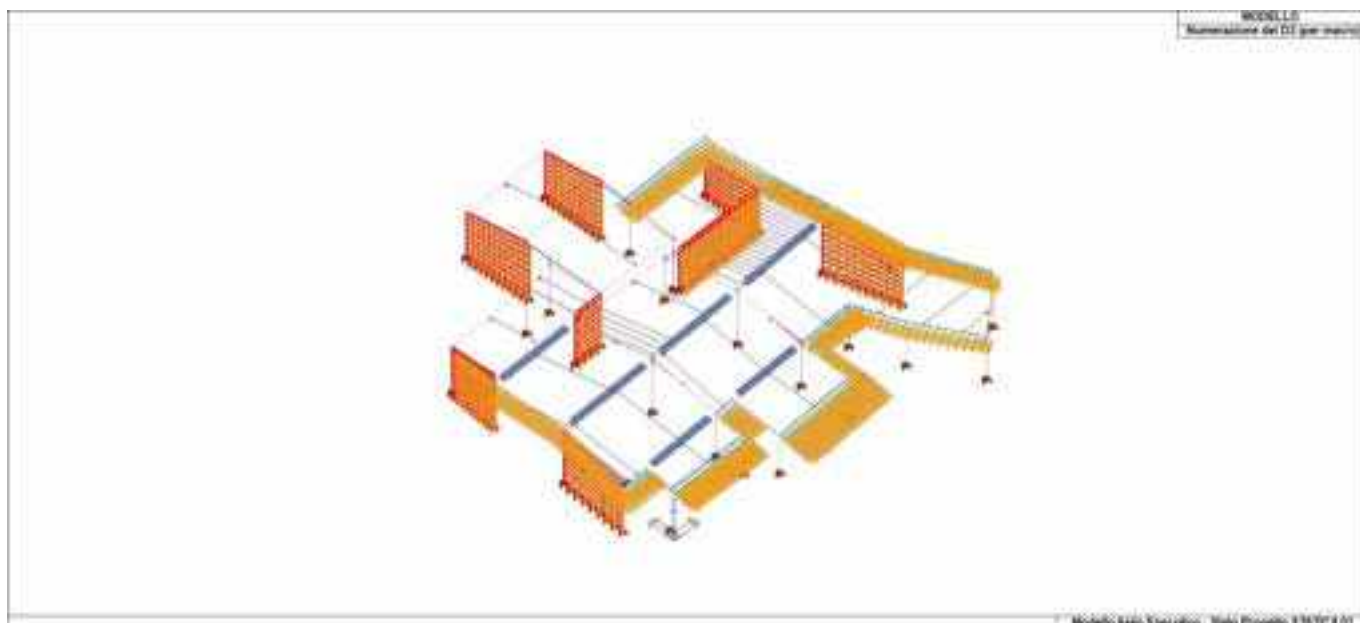
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1508	Guscio	1927	1879	1880	1919	159	4	20.0
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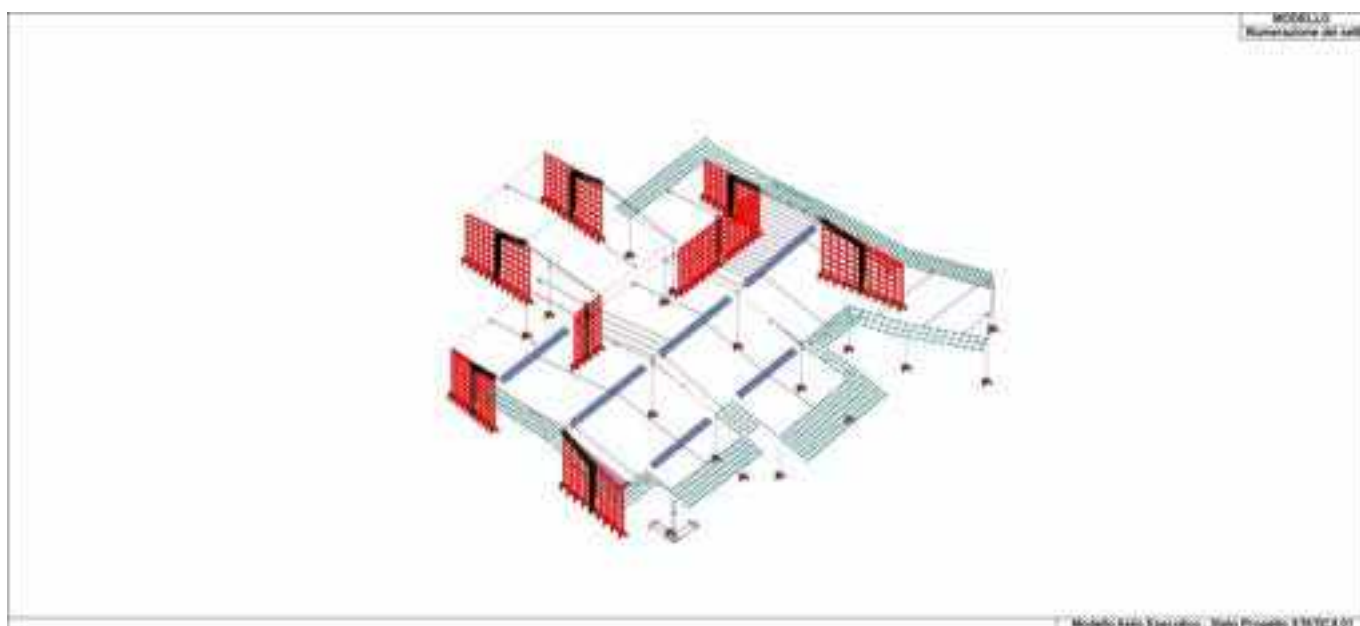
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1555	Setto	267	1937	1938	269	1	1	20.0
1556	Setto	269	1938	1939	271	1	1	20.0
1557	Setto	271	1939	1940	273	1	1	20.0
1558	Setto	273	1940	1932	5	1	1	20.0
1559	Setto	6	1934	1933	260	1	1	20.0
1560	Setto	1942	66	712	1943	1	1	20.0
1561	Setto	1943	712	715	1946	1	1	20.0
1562	Setto	1946	715	717	1402	1	1	20.0
1563	Setto	1402	717	719	1944	1	1	20.0
1564	Setto	1944	719	721	1401	1	1	20.0
1565	Setto	1401	721	723	1945	1	1	20.0
1566	Setto	1945	723	725	1403	1	1	20.0
1567	Setto	1403	725	65	1941	1	1	20.0



16_MOD_NUMERAZIONE_D3



16_MOD_NUMERAZIONE_D3_MACRO



16_MOD_NUMERAZIONE_D3_PARETI

MODELLAZIONE DELLA STRUTTURA: ELEMENTI SOLAIO-PANNELLO

LEGENDA TABELLA DATI SOLAI-PANNELLI

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

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

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

L'elemento balcone è derivato dall'elemento solaio.

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

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

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

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

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

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

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

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

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

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

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

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

Utilizzabile per il materiale [52].

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

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

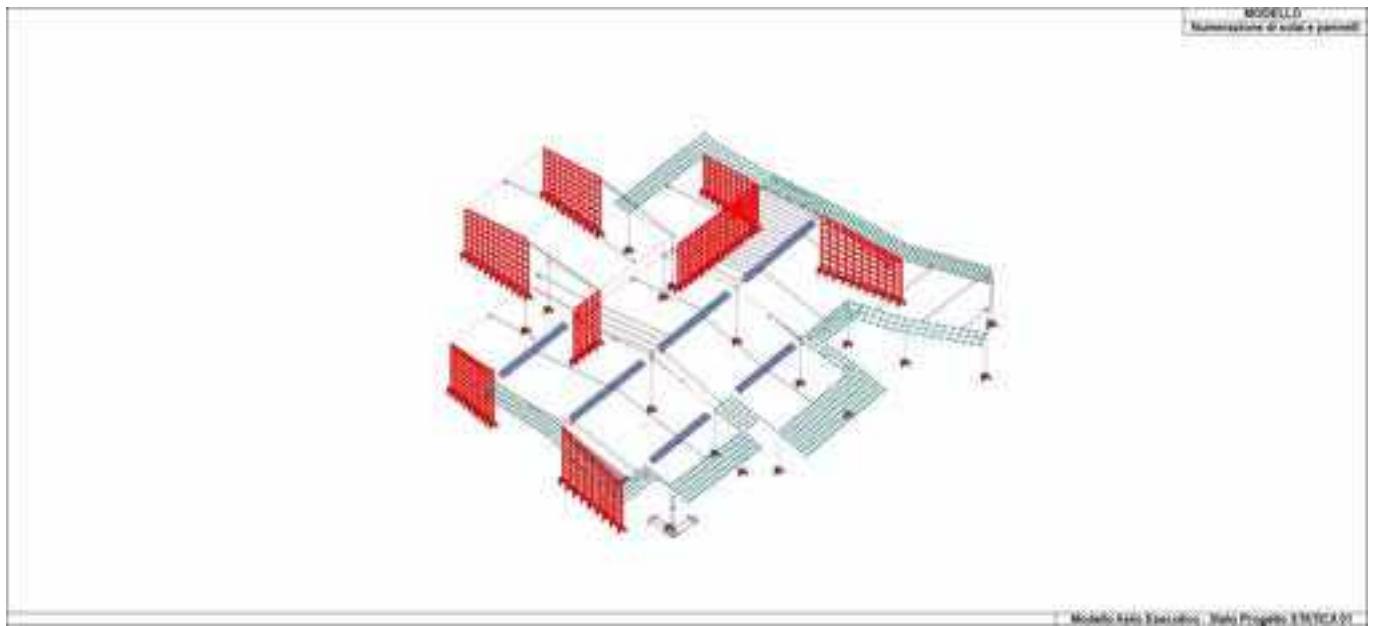
(rif. Rapporti di Prova redatti dal Dipartimento ICEA - Università degli Studi di Padova di test sperimentali condotti sul sistema Tamponatura Antiespulsione di Cis Edil)

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

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

ID Arch.	Tipo	G1 daN/ m2	G2 daN/ m2	Q daN/ m2	Fatt. A	s sis.	Psi 0	Psi 1	Psi 2	Psi S 2	Fatt. Fi
1	Neve Variab.	300.00	100.00	80.00 5.00e-03		1.00	0.50 0.0	0.20 0.0	0.0 0.0	0.0	1.00

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



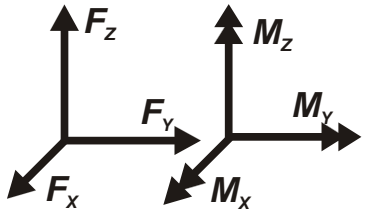
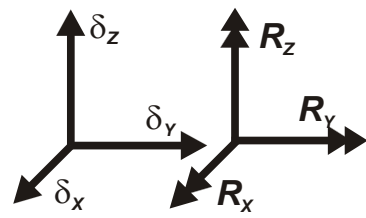
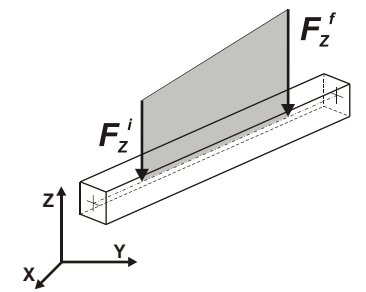
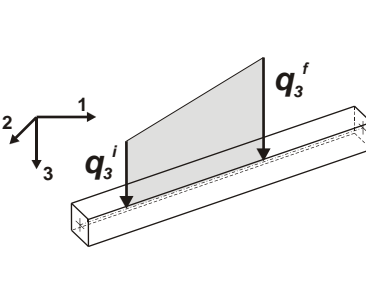
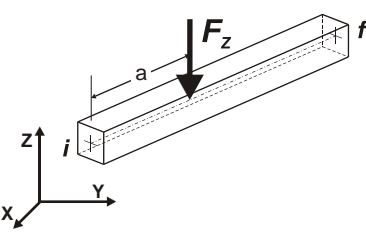
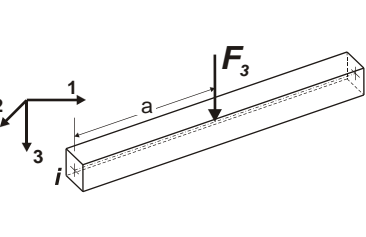
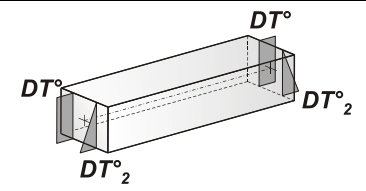
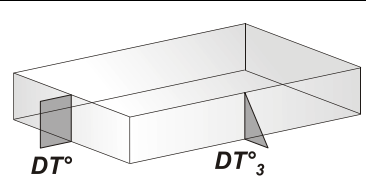
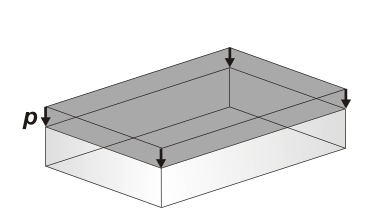
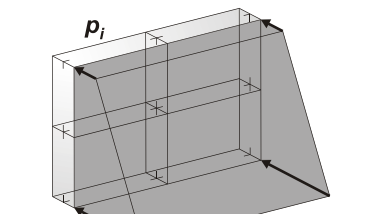
17_MOD_NUMERAZIONE_SOLAI

MODELLAZIONE DELLE AZIONI

LEGENDA TABELLA DATI AZIONI

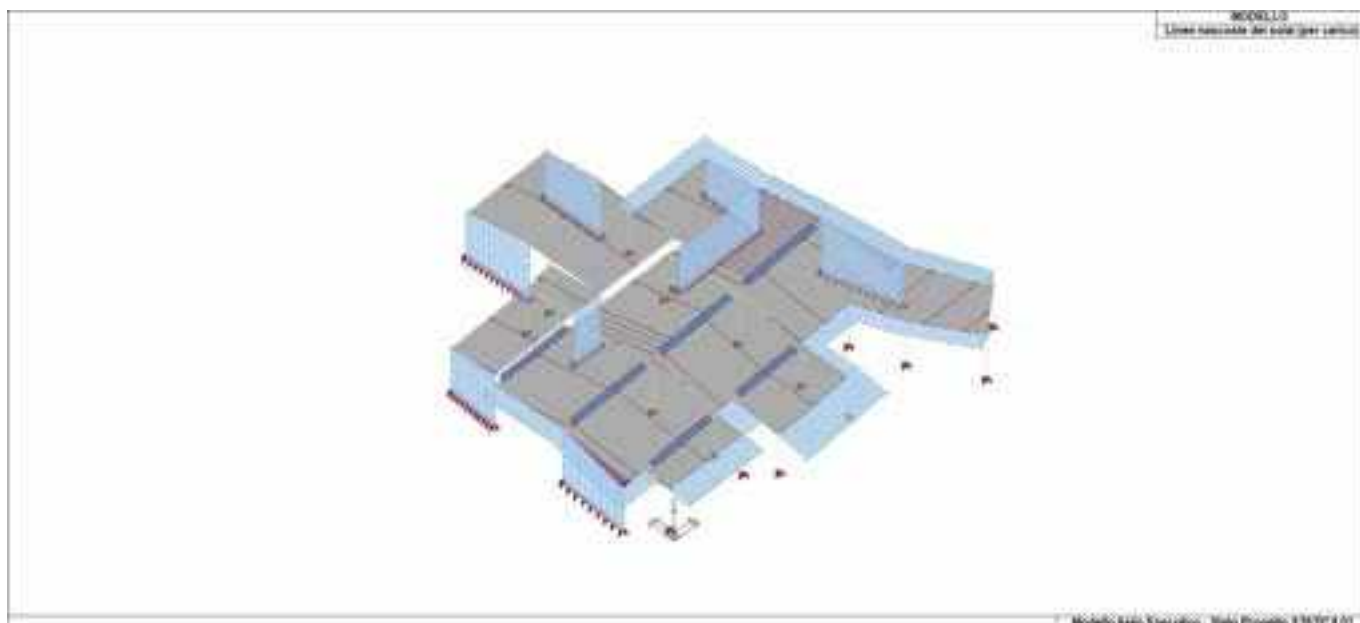
Il programma consente l'uso di diverse tipologie di carico (azioni). Le azioni utilizzate nella modellazione sono individuate da una sigla identificativa ed un codice numerico (gli elementi strutturali richiamano quest'ultimo nella propria descrizione). Per ogni azione applicata alla struttura viene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

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

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

Tipo carico di pressione uniforme su piastra

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



21_CAR_CARICHI_SOLAI

SCHEMATIZZAZIONE DEI CASI DI CARICO

LEGENDA TABELLA CASI DI CARICO

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

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

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

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

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

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

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

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

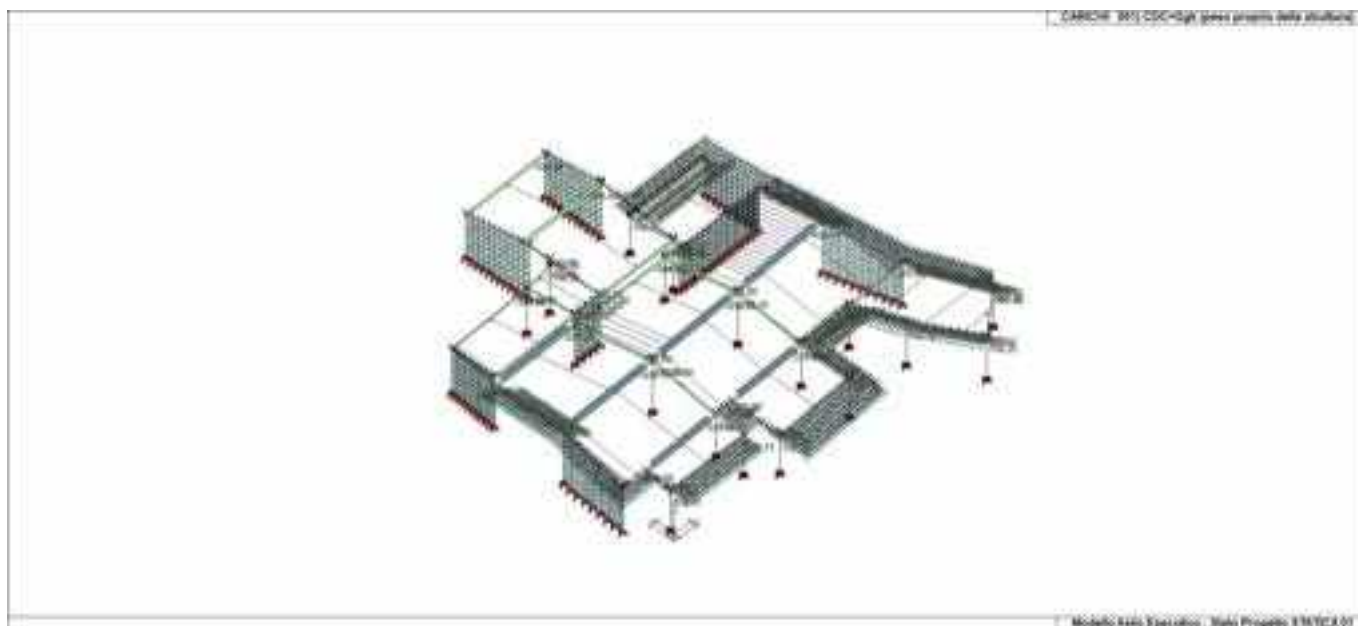
Numero Tipo e Sigla identificativa, Valore di riferimento del caso di carico (se previsto).

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

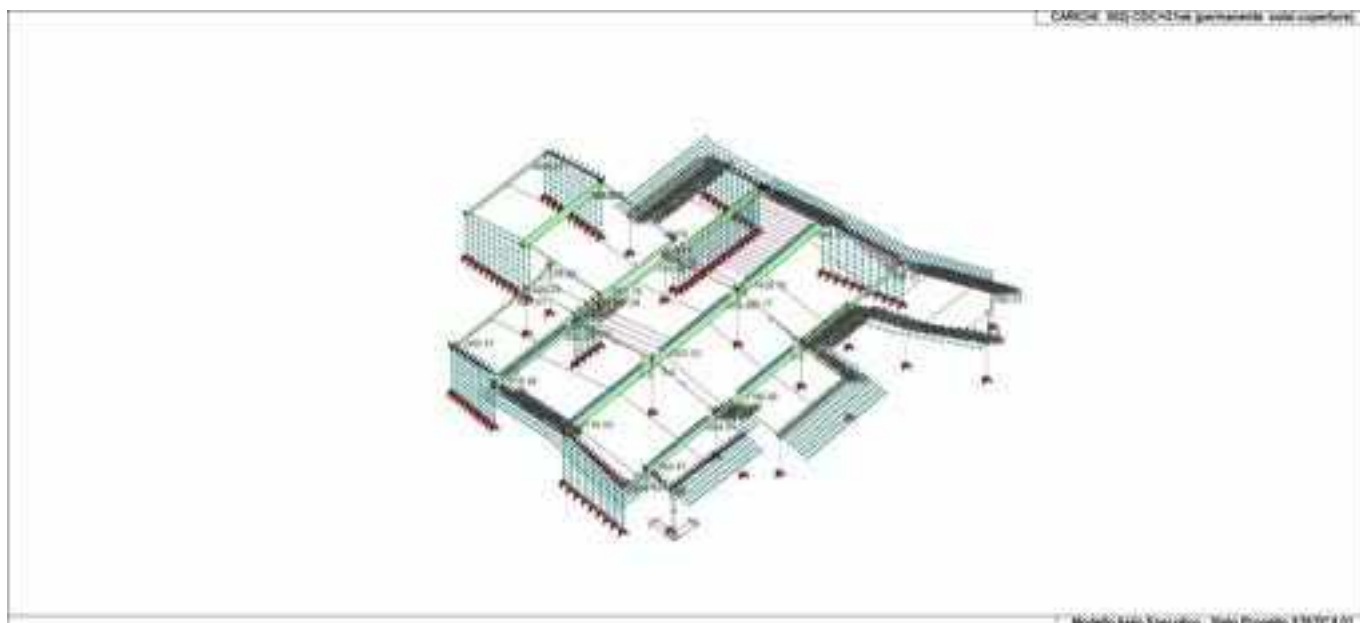
Per i casi di carico di tipo sismico (9-Esk e 10-Edk), viene riportata la tabella di definizione delle masse: per ogni caso di carico partecipante alla definizione delle masse viene indicata la relativa aliquota (partecipazione) considerata. Si precisa che per i caso di carico 5-Qsk e 6-Qnk la partecipazione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

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

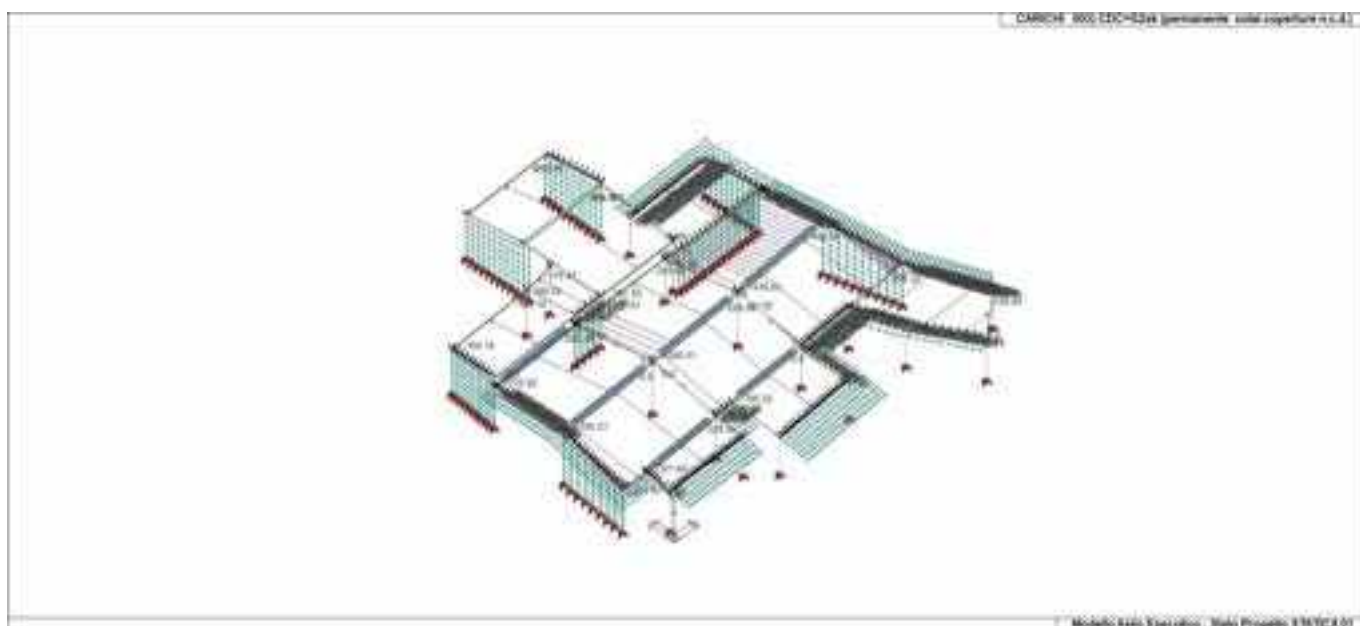
CDC	Tipo	Sigla Id	Note	Per non automatici:
6	Edk	CDC=Ed (dinamico SLU) alfa=0.0 (ecc. +)	partecipazione:1.00 per 1 CDC=Ggk (peso proprio della struttura)	
			partecipazione:1.00 per 2 CDC=G1sk (permanente solai-coperture)	
			partecipazione:1.00 per 3 CDC=G2sk (permanente solai-coperture n.c.d.)	
		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



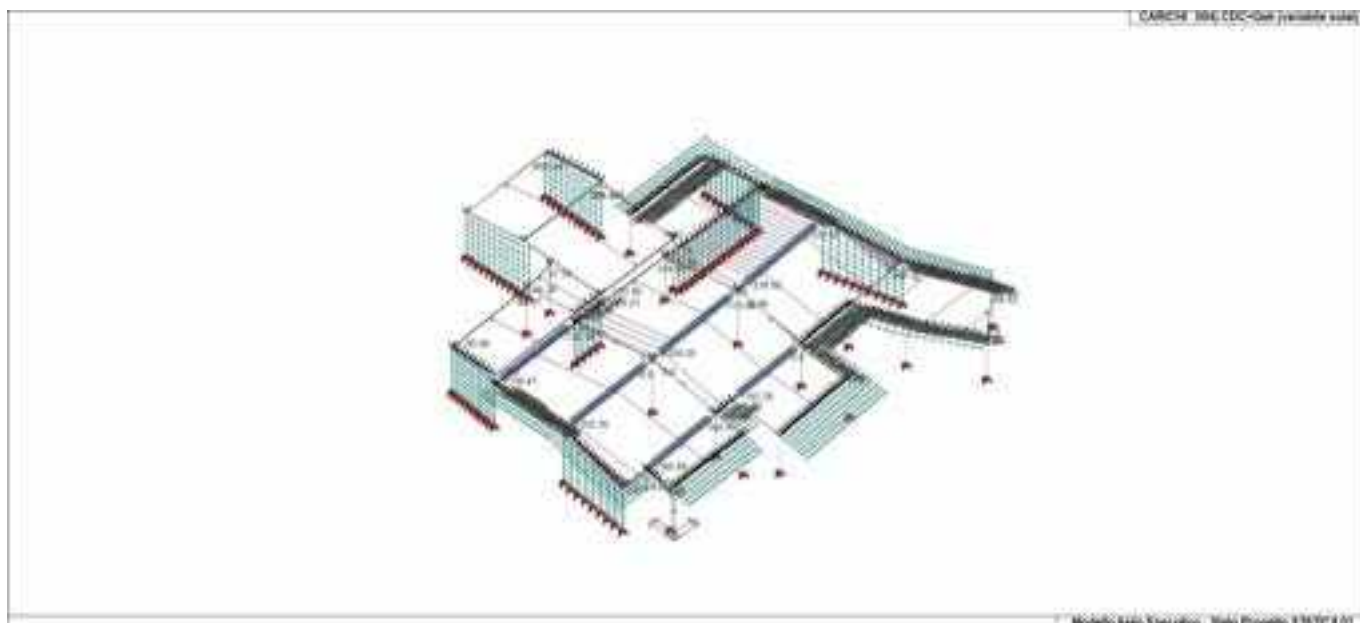
22_CDC_001_CDCGgk peso proprio della struttura



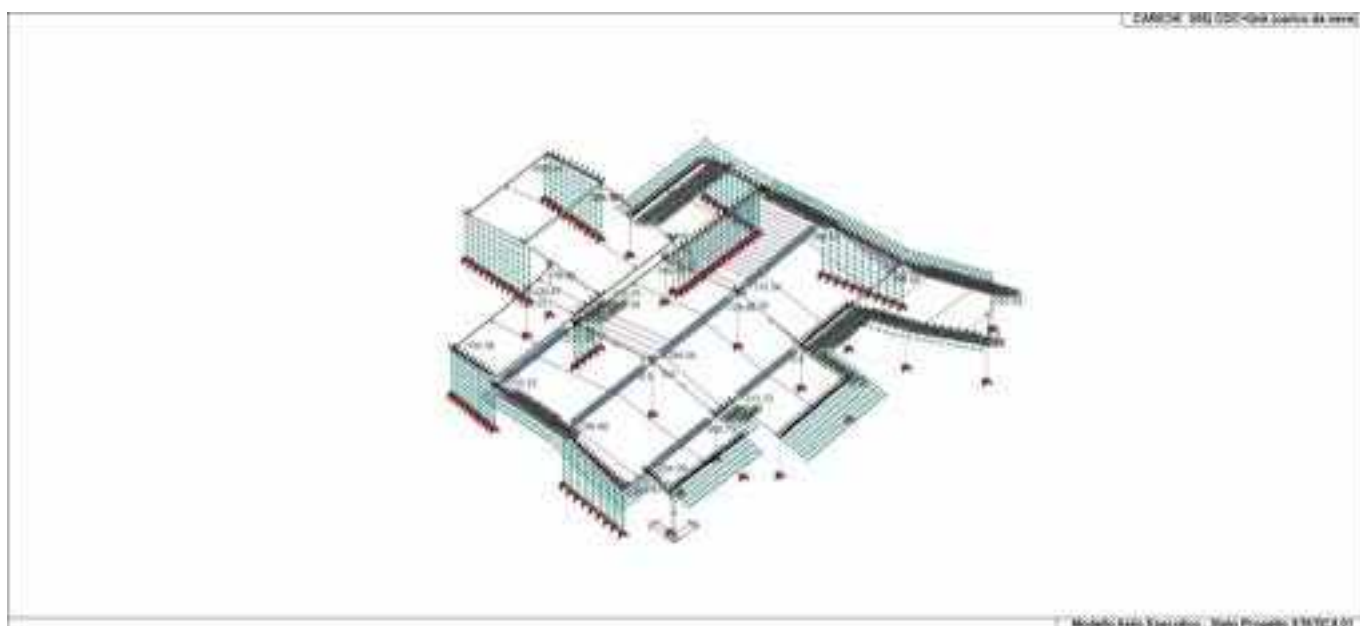
22_CDC_002_CDCG1sk permanente solai-coperture



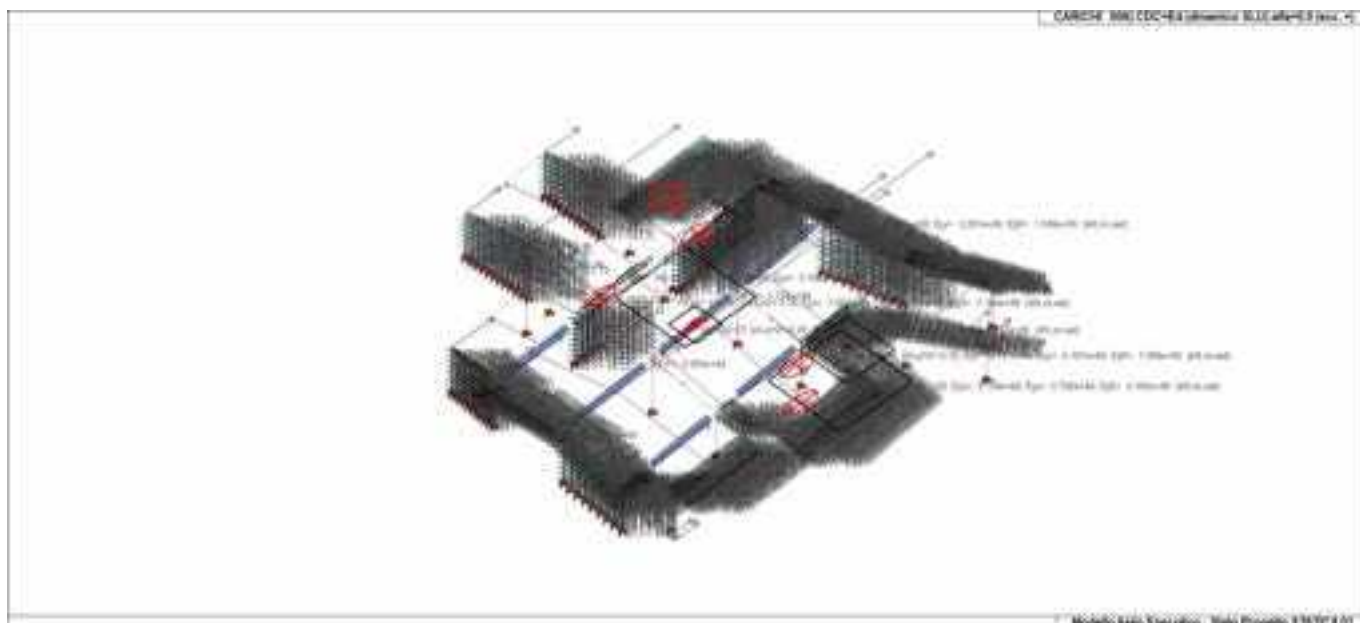
22_CDC_003_CDCG2sk permanente solai-coperture ncd



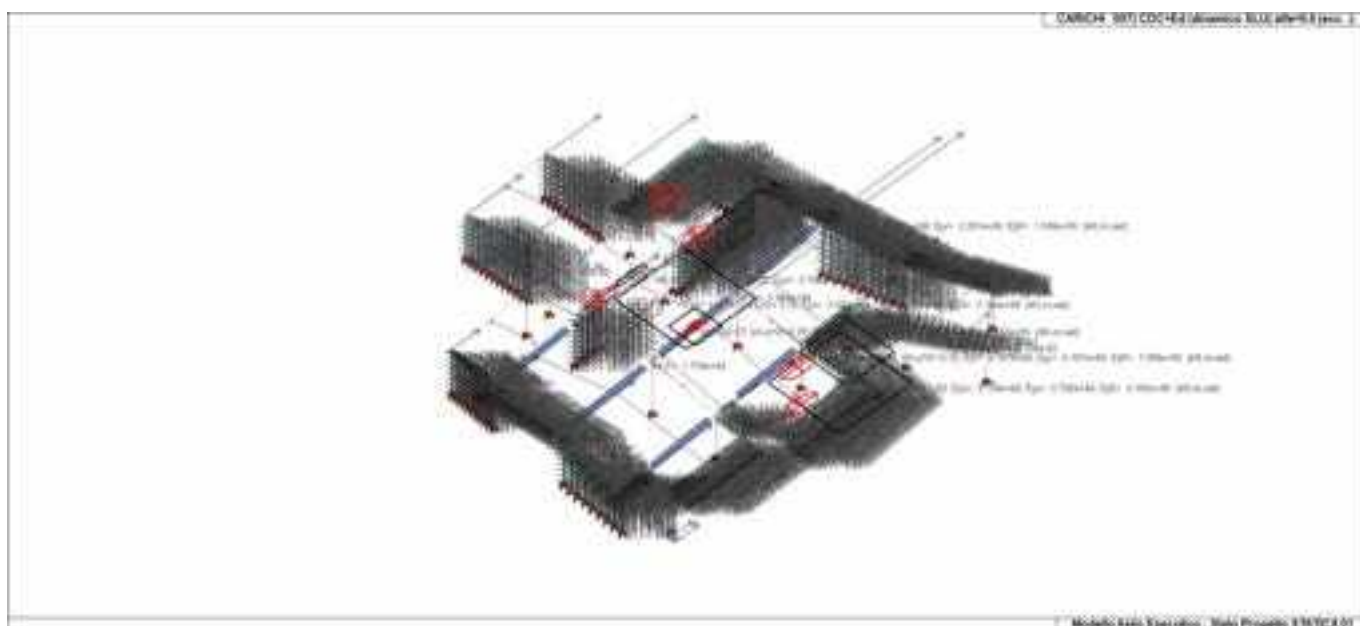
22_CDC_004_CDCQsk variabile solai



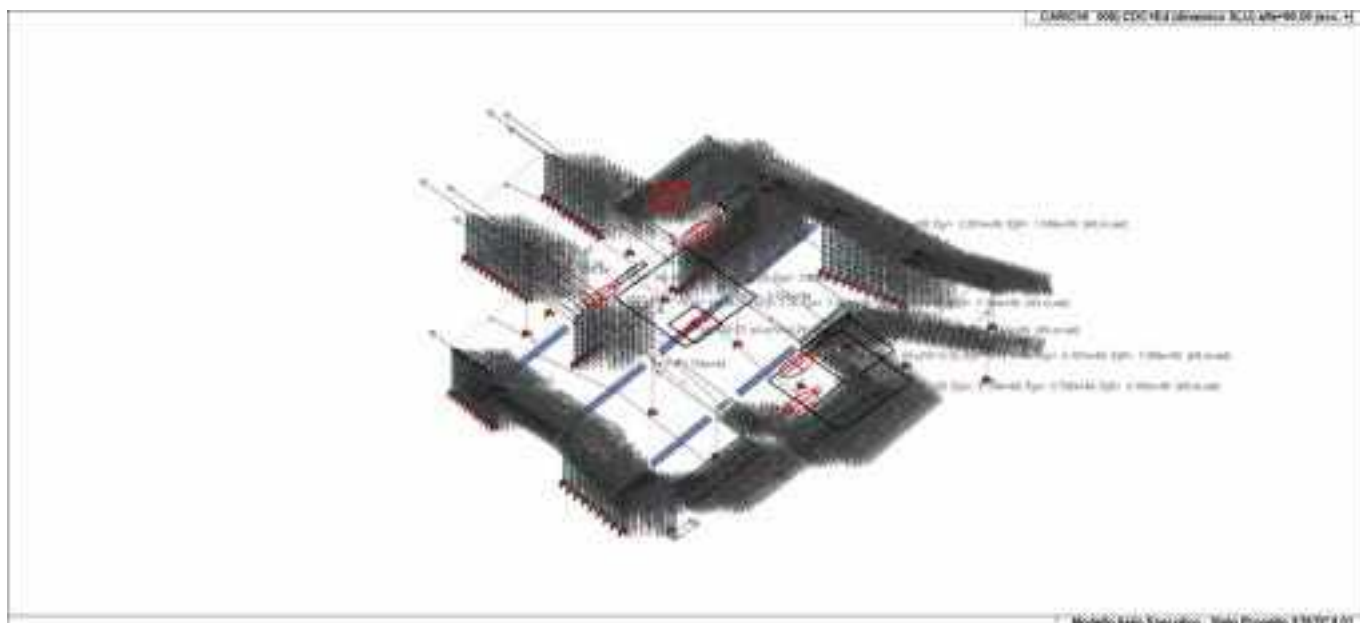
22_CDC_005_CDCQnk carico da neve



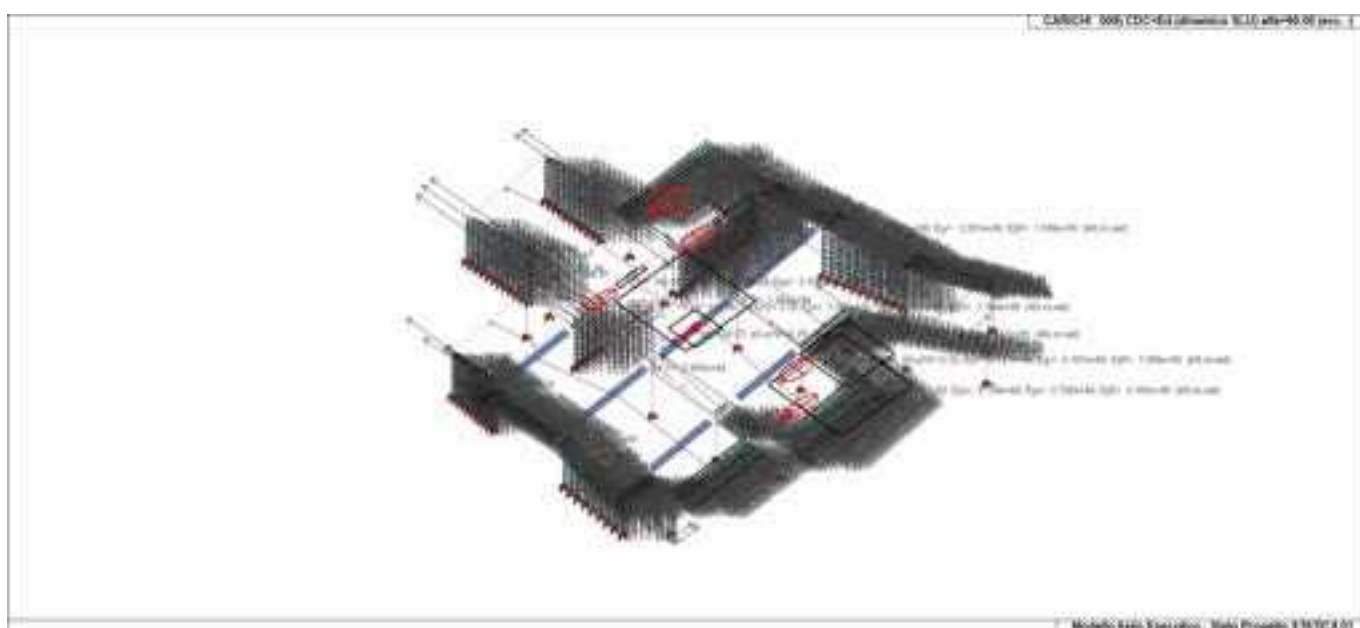
22_CDC_006_CDCEd dinamico SLU alfa00 ecc +



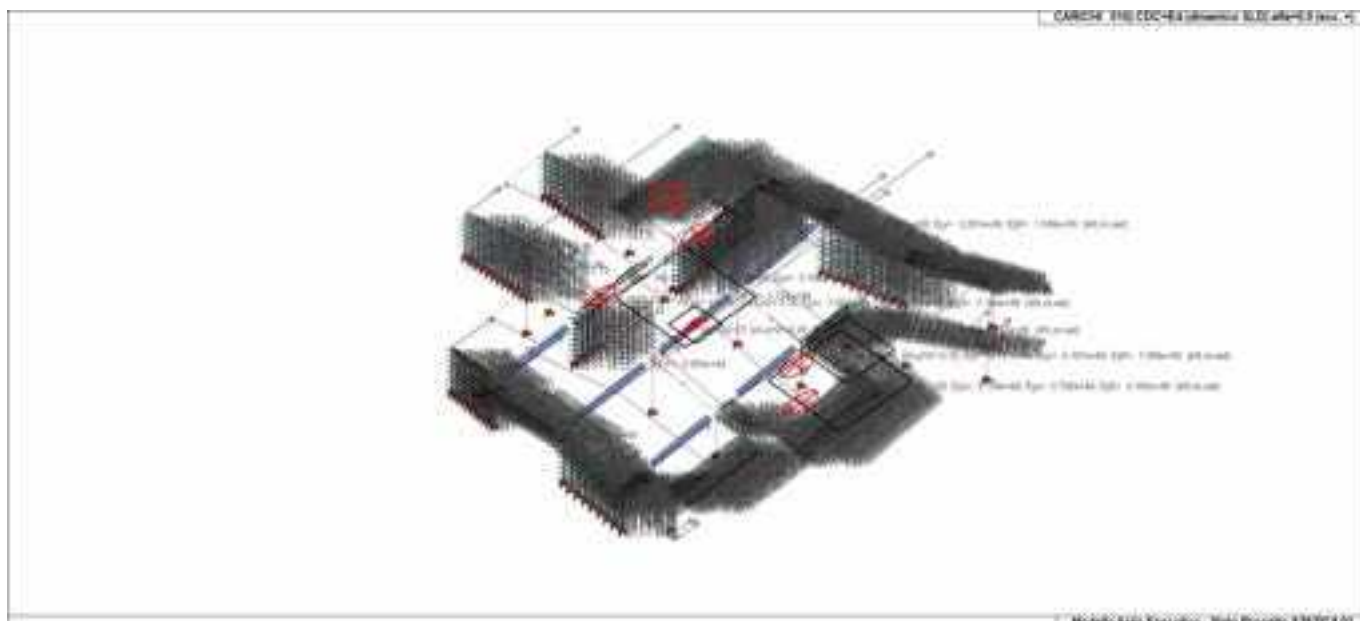
22_CDC_007_CDCEd dinamico SLU alfa00 ecc -



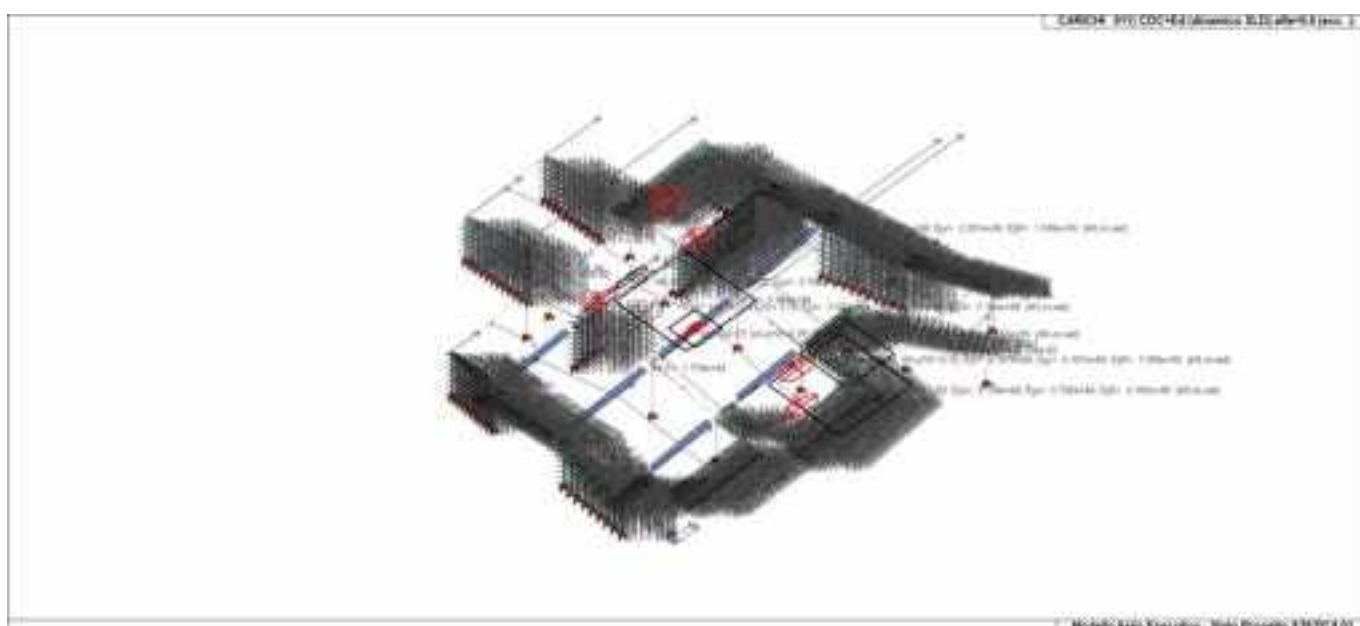
22_CDC_008_CDCEd dinamico SLU alfa9000 ecc +



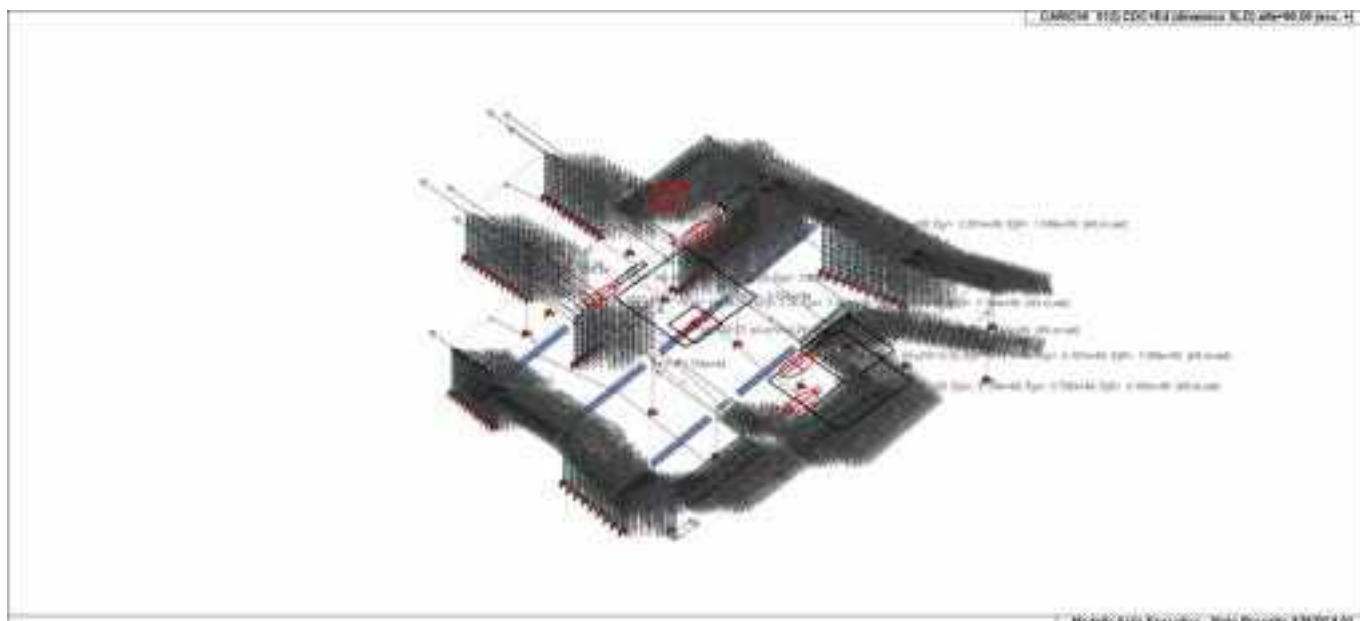
22_CDC_009_CDCEd dinamico SLU alfa9000 ecc -



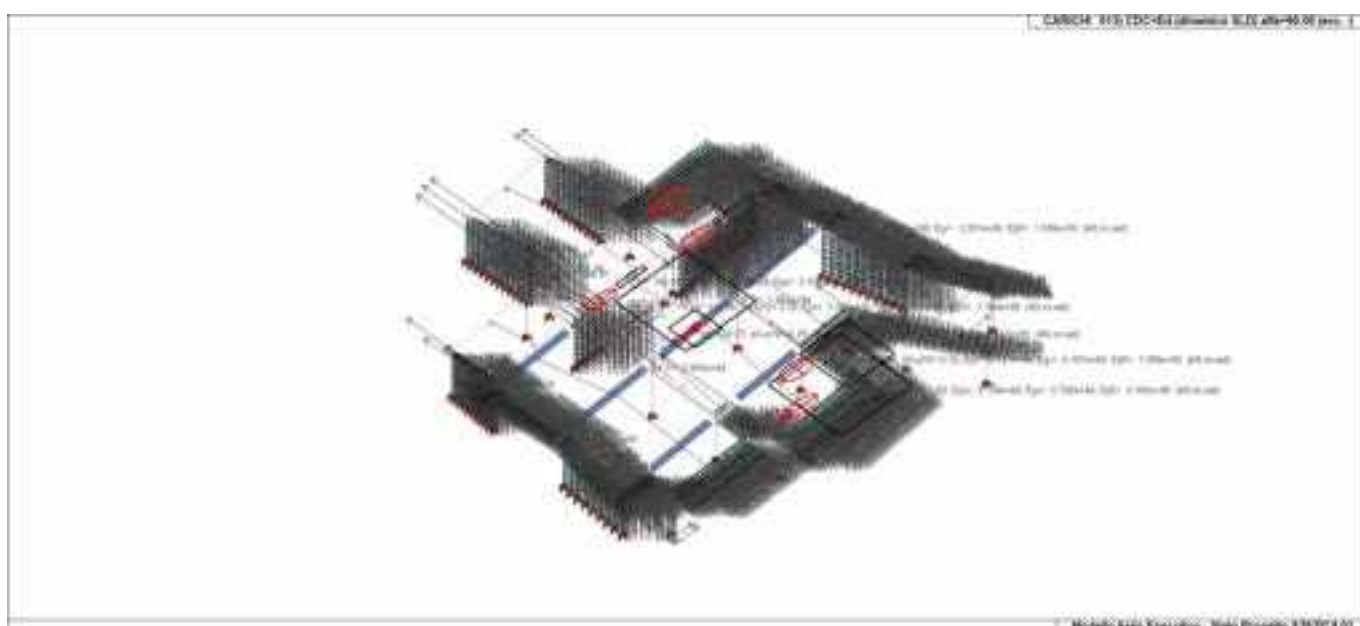
22_CDC_010_CDCEd dinamico SLD alfa00 ecc +



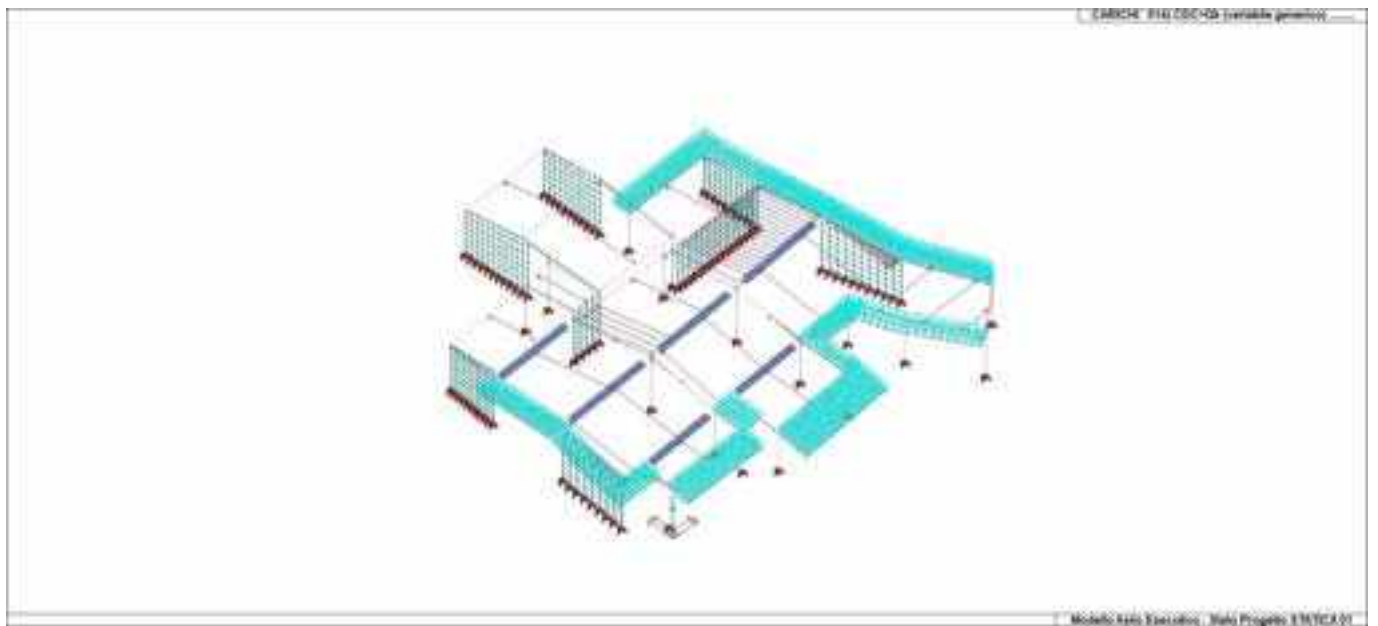
22_CDC_011_CDCEd dinamico SLD alfa00 ecc -



22_CDC_012_CDCEd dinamico SLD alfa9000 ecc +



22_CDC_013_CDCEd dinamico SLD alfa9000 ecc -



22_CDC_014_CDCQk variabile generico

DEFINIZIONE DELLE COMBINAZIONI

LEGENDA TABELLA COMBINAZIONI DI CARICO

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

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

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

Combinazione fondamentale SLU

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

Combinazione caratteristica (rara) SLE

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

Combinazione frequente SLE

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

Combinazione quasi permanente SLE

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

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

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

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

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

Dove:

NTC 2018 Tabella 2.5.I

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

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

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

NTC 2018 Tabella 2.6.I

Coefficiente	EQU	A1	A2
γf			

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

Cmb	Tipo	Sigla Id	effetto P-delta
1	SLU	Comb. SLU A1 1	
2	SLU	Comb. SLU A1 2	
3	SLU	Comb. SLU A1 3	
4	SLU	Comb. SLU A1 4	
5	SLU	Comb. SLU A1 5	
6	SLU	Comb. SLU A1 6	
7	SLU	Comb. SLU A1 7	
8	SLU	Comb. SLU A1 8	
9	SLU	Comb. SLU A1 9	
10	SLU	Comb. SLU A1 10	
11	SLU	Comb. SLU A1 11	
12	SLU	Comb. SLU A1 12	
13	SLU	Comb. SLU A1 13	
14	SLU	Comb. SLU A1 14	
15	SLU	Comb. SLU A1 15	
16	SLU	Comb. SLU A1 16	
17	SLU	Comb. SLU A1 17	
18	SLU	Comb. SLU A1 18	
19	SLU	Comb. SLU A1 19	
20	SLU	Comb. SLU A1 20	
21	SLU	Comb. SLU A1 21	
22	SLU	Comb. SLU A1 22	
23	SLU	Comb. SLU A1 23	
24	SLU	Comb. SLU A1 24	
25	SLE(r)	Comb. SLE(rara) 25	
26	SLE(r)	Comb. SLE(rara) 26	
27	SLE(r)	Comb. SLE(rara) 27	
28	SLE(r)	Comb. SLE(rara) 28	
29	SLE(r)	Comb. SLE(rara) 29	
30	SLE(r)	Comb. SLE(rara) 30	
31	SLE(r)	Comb. SLE(rara) 31	
32	SLE(r)	Comb. SLE(rara) 32	
33	SLE(r)	Comb. SLE(rara) 33	
34	SLE(r)	Comb. SLE(rara) 34	
35	SLE(r)	Comb. SLE(rara) 35	
36	SLE(r)	Comb. SLE(rara) 36	
37	SLE(p)	Comb. SLE(perm.) 37	

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
1	1.30	1.30	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	1.30	1.30	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.75
3	1.30	1.30	1.50	0.0	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	1.30	1.30	1.50	0.0	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.75
5	1.30	1.30	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	1.30	1.30	1.50	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.75
7	1.30	1.30	1.50	1.50	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	1.30	1.30	1.50	1.50	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.75
9	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.75
11	1.00	1.00	0.80	0.0	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	1.00	1.00	0.80	0.0	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.75
13	1.00	1.00	0.80	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
14	1.00	1.00	0.80	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.75
15	1.00	1.00	0.80	1.50	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	1.00	1.00	0.80	1.50	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.75
17	1.30	1.30	1.50	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	1.30	1.30	1.50	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.75
19	1.00	1.00	0.80	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	1.00	1.00	0.80	0.0	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.75
21	1.30	1.30	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.50
22	1.30	1.30	1.50	0.0	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.50
23	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.50
24	1.00	1.00	0.80	0.0	0.75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.50
25	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.50
27	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.50
29	1.00	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	1.00	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.50
31	1.00	1.00	1.00	1.00	0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32	1.00	1.00	1.00	1.00	0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.50
33	1.00	1.00	1.00	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34	1.00	1.00	1.00	0.0	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.50
35	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00
36	1.00	1.00	1.00	0.0	0.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.00
37	1.00	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

RISULTATI NODALI

LEGENDA RISULTATI NODALI

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

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

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

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

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
		cm	cm	cm			
1	1	0.0	0.0	0.0	0.0	0.0	0.0
1	25	0.0	0.0	0.0	0.0	0.0	0.0
1	37	0.0	0.0	0.0	0.0	0.0	0.0
2	8	0.01	1.76e-03	-5.85e-03	-1.89e-04	3.19e-03	2.09e-05
2	32	0.01	1.30e-03	-4.34e-03	-1.40e-04	2.36e-03	1.56e-05
2	37	8.58e-03	1.12e-03	-3.87e-03	-1.23e-04	2.07e-03	1.40e-05
3	1	0.0	0.0	0.0	0.0	0.0	0.0
3	25	0.0	0.0	0.0	0.0	0.0	0.0
3	37	0.0	0.0	0.0	0.0	0.0	0.0
4	7	0.01	-2.60e-03	-3.22e-03	-4.06e-06	-3.17e-03	-3.80e-05
4	8	0.01	-2.60e-03	-3.22e-03	-4.07e-06	-3.17e-03	-3.80e-05
4	31	9.37e-03	-1.91e-03	-2.41e-03	-3.10e-06	-2.35e-03	-2.81e-05
4	32	9.38e-03	-1.91e-03	-2.41e-03	-3.11e-06	-2.35e-03	-2.81e-05
4	37	8.02e-03	-1.62e-03	-2.21e-03	-3.03e-06	-2.06e-03	-2.48e-05
5	1	0.0	0.0	0.0	0.0	0.0	0.0
5	25	0.0	0.0	0.0	0.0	0.0	0.0
5	37	0.0	0.0	0.0	0.0	0.0	0.0
6	7	9.02e-03	-3.10e-06	-7.75e-03	-1.28e-04	3.86e-03	-2.38e-05
6	8	9.04e-03	1.11e-05	-7.75e-03	-1.29e-04	3.86e-03	-2.39e-05
6	22	8.26e-03	1.73e-05	-7.14e-03	-1.17e-04	3.52e-03	-2.19e-05
6	25	5.67e-03	-1.36e-05	-5.01e-03	-8.09e-05	2.43e-03	-1.51e-05
6	31	6.63e-03	-5.31e-06	-5.73e-03	-9.44e-05	2.84e-03	-1.75e-05
6	32	6.64e-03	4.17e-06	-5.73e-03	-9.45e-05	2.84e-03	-1.76e-05
6	37	5.67e-03	-1.36e-05	-5.01e-03	-8.09e-05	2.43e-03	-1.51e-05
7	1	0.0	0.0	0.0	0.0	0.0	0.0
7	25	0.0	0.0	0.0	0.0	0.0	0.0
7	37	0.0	0.0	0.0	0.0	0.0	0.0
8	7	8.49e-03	-0.01	-0.02	2.10e-04	-4.14e-03	-1.01e-05
8	8	8.51e-03	-0.01	-0.02	2.10e-04	-4.14e-03	-1.01e-05
8	31	6.24e-03	-8.06e-03	-0.01	1.55e-04	-3.05e-03	-7.44e-06
8	32	6.25e-03	-8.06e-03	-0.01	1.55e-04	-3.05e-03	-7.46e-06
8	37	5.34e-03	-6.98e-03	-0.01	1.35e-04	-2.61e-03	-6.50e-06
9	1	0.0	0.0	0.0	0.0	0.0	0.0
9	25	0.0	0.0	0.0	0.0	0.0	0.0
9	37	0.0	0.0	0.0	0.0	0.0	0.0
10	7	-4.35e-03	-0.01	-5.95e-03	-1.78e-04	-4.19e-04	-3.19e-05
10	8	-4.34e-03	-0.01	-5.95e-03	-1.78e-04	-4.19e-04	-3.19e-05
10	31	-3.21e-03	-8.88e-03	-4.43e-03	-1.34e-04	-3.10e-04	-2.34e-05
10	32	-3.21e-03	-8.88e-03	-4.43e-03	-1.34e-04	-3.10e-04	-2.35e-05
10	37	-2.80e-03	-7.66e-03	-3.95e-03	-1.24e-04	-2.69e-04	-2.02e-05
11	1	0.0	0.0	0.0	0.0	0.0	0.0
11	25	0.0	0.0	0.0	0.0	0.0	0.0
11	37	0.0	0.0	0.0	0.0	0.0	0.0
12	1	0.0	0.0	0.0	0.0	0.0	0.0
12	25	0.0	0.0	0.0	0.0	0.0	0.0
12	37	0.0	0.0	0.0	0.0	0.0	0.0
13	7	-3.85e-03	1.10e-03	-0.01	5.12e-05	1.16e-04	-1.42e-05
13	8	-3.85e-03	1.13e-03	-0.01	5.19e-05	1.16e-04	-1.43e-05

13	31	-2.84e-03	7.99e-04	-0.01	3.62e-05	8.52e-05	-1.04e-05
13	32	-2.84e-03	8.16e-04	-0.01	3.67e-05	8.53e-05	-1.05e-05
13	37	-2.48e-03	6.56e-04	-8.79e-03	2.66e-05	7.35e-05	-8.92e-06
14	1	0.0	0.0	0.0	0.0	0.0	0.0
14	25	0.0	0.0	0.0	0.0	0.0	0.0
14	37	0.0	0.0	0.0	0.0	0.0	0.0
15	7	-8.36e-03	-1.08e-03	-0.02	1.02e-04	-1.39e-04	3.44e-05
15	8	-8.36e-03	-1.06e-03	-0.02	1.03e-04	-1.39e-04	3.44e-05
15	31	-6.17e-03	-8.29e-04	-0.01	7.36e-05	-1.03e-04	2.55e-05
15	32	-6.17e-03	-8.10e-04	-0.01	7.41e-05	-1.03e-04	2.55e-05
15	37	-5.38e-03	-8.14e-04	-0.01	5.90e-05	-9.12e-05	2.24e-05
16	9	-5.57e-05	-6.63e-05	-1.02e-03	1.95e-05	1.91e-04	6.55e-05
16	21	-7.01e-05	-2.32e-05	-1.30e-03	2.53e-05	2.64e-04	9.07e-05
16	23	-8.08e-05	-2.78e-05	-1.02e-03	1.96e-05	1.91e-04	6.54e-05
16	25	-4.38e-05	-5.57e-05	-1.01e-03	1.94e-05	1.98e-04	6.79e-05
16	35	-6.05e-05	-3.00e-05	-1.01e-03	1.95e-05	1.98e-04	6.79e-05
16	37	-4.38e-05	-5.57e-05	-1.01e-03	1.94e-05	1.98e-04	6.79e-05
17	8	-2.09e-03	-7.59e-03	-0.01	2.33e-04	2.09e-03	-6.52e-05
17	32	-1.55e-03	-5.65e-03	-9.19e-03	1.72e-04	1.54e-03	-4.81e-05
17	37	-1.38e-03	-5.06e-03	-8.27e-03	1.52e-04	1.35e-03	-4.19e-05
18	7	-7.02e-03	-2.07e-03	-3.68e-03	8.47e-05	2.27e-03	4.11e-05
18	8	-7.03e-03	-2.04e-03	-3.67e-03	8.51e-05	2.27e-03	4.11e-05
18	31	-5.19e-03	-1.54e-03	-2.72e-03	6.31e-05	1.68e-03	3.02e-05
18	32	-5.20e-03	-1.52e-03	-2.72e-03	6.33e-05	1.68e-03	3.02e-05
18	37	-4.55e-03	-1.38e-03	-2.38e-03	5.67e-05	1.47e-03	2.60e-05
19	1	0.0	0.0	0.0	0.0	0.0	0.0
19	25	0.0	0.0	0.0	0.0	0.0	0.0
19	37	0.0	0.0	0.0	0.0	0.0	0.0
20	7	-7.89e-03	-1.75e-03	-0.02	8.79e-05	-8.84e-04	4.61e-06
20	8	-7.90e-03	-1.74e-03	-0.02	8.79e-05	-8.84e-04	4.64e-06
20	31	-5.84e-03	-1.32e-03	-0.01	6.67e-05	-6.53e-04	3.60e-06
20	32	-5.85e-03	-1.31e-03	-0.01	6.67e-05	-6.53e-04	3.62e-06
20	37	-5.12e-03	-1.25e-03	-0.01	6.38e-05	-5.70e-04	3.77e-06
21	1	0.0	0.0	0.0	0.0	0.0	0.0
21	25	0.0	0.0	0.0	0.0	0.0	0.0
21	37	0.0	0.0	0.0	0.0	0.0	0.0
22	7	7.26e-03	2.86e-03	-0.02	-6.02e-05	2.13e-03	2.87e-05
22	8	7.13e-03	2.95e-03	-0.02	-6.72e-05	2.12e-03	2.87e-05
22	31	5.28e-03	2.13e-03	-0.02	-4.91e-05	1.56e-03	2.11e-05
22	32	5.20e-03	2.18e-03	-0.02	-5.38e-05	1.55e-03	2.11e-05
22	37	4.35e-03	1.90e-03	-0.02	-5.79e-05	1.30e-03	1.81e-05
23	1	0.0	0.0	0.0	0.0	0.0	0.0
23	25	0.0	0.0	0.0	0.0	0.0	0.0
23	37	0.0	0.0	0.0	0.0	0.0	0.0
24	7	1.19e-04	2.00e-03	-0.07	-4.14e-05	-5.23e-04	-2.66e-05
24	8	7.33e-05	2.10e-03	-0.07	-4.13e-05	-5.21e-04	-2.66e-05
24	31	6.97e-05	1.46e-03	-0.05	-3.38e-05	-3.83e-04	-1.96e-05
24	32	3.91e-05	1.52e-03	-0.05	-3.37e-05	-3.82e-04	-1.95e-05
24	37	2.16e-06	1.22e-03	-0.04	-3.98e-05	-3.25e-04	-1.67e-05
25	1	0.0	0.0	0.0	0.0	0.0	0.0
25	25	0.0	0.0	0.0	0.0	0.0	0.0
25	37	0.0	0.0	0.0	0.0	0.0	0.0
26	7	-5.13e-03	8.19e-04	-0.06	-1.26e-04	1.00e-04	-9.65e-06
26	22	-4.61e-03	1.09e-03	-0.06	-1.17e-04	8.65e-05	-8.44e-06
26	31	-3.76e-03	6.13e-04	-0.05	-9.50e-05	7.27e-05	-6.96e-06
26	36	-3.41e-03	7.90e-04	-0.04	-8.92e-05	6.35e-05	-6.15e-06
26	37	-3.18e-03	5.60e-04	-0.04	-8.87e-05	5.90e-05	-5.55e-06
27	1	0.0	0.0	0.0	0.0	0.0	0.0
27	25	0.0	0.0	0.0	0.0	0.0	0.0
27	37	0.0	0.0	0.0	0.0	0.0	0.0
28	7	-9.85e-03	1.46e-03	-0.02	2.35e-04	-1.58e-03	1.06e-05
28	8	-9.74e-03	1.55e-03	-0.02	2.29e-04	-1.57e-03	1.05e-05
28	22	-8.62e-03	1.62e-03	-0.02	1.90e-04	-1.39e-03	9.27e-06
28	31	-7.18e-03	1.11e-03	-0.01	1.68e-04	-1.15e-03	7.74e-06
28	32	-7.11e-03	1.17e-03	-0.01	1.64e-04	-1.14e-03	7.67e-06
28	36	-6.36e-03	1.22e-03	-0.01	1.38e-04	-1.03e-03	6.82e-06
28	37	-5.98e-03	1.08e-03	-0.01	1.30e-04	-9.59e-04	6.35e-06
29	1	0.0	0.0	0.0	0.0	0.0	0.0
29	25	0.0	0.0	0.0	0.0	0.0	0.0
29	37	0.0	0.0	0.0	0.0	0.0	0.0
30	7	-0.01	-1.48e-03	-0.01	2.22e-04	1.63e-03	-2.53e-04
30	8	-0.01	-1.41e-03	-0.01	2.24e-04	1.61e-03	-2.51e-04
30	31	-8.35e-03	-1.08e-03	-9.20e-03	1.65e-04	1.20e-03	-1.85e-04
30	32	-8.32e-03	-1.04e-03	-9.32e-03	1.66e-04	1.18e-03	-1.84e-04
30	37	-7.11e-03	-9.07e-04	-8.48e-03	1.48e-04	1.01e-03	-1.56e-04
31	7	-3.84e-03	9.29e-03	-0.02	4.81e-04	-1.35e-04	1.12e-04
31	8	-3.84e-03	9.39e-03	-0.02	4.81e-04	-1.35e-04	1.11e-04

31	31	-2.82e-03	6.83e-03	-0.01	3.65e-04	-9.95e-05	8.19e-05
31	32	-2.82e-03	6.89e-03	-0.01	3.65e-04	-9.93e-05	8.14e-05
31	37	-2.41e-03	5.85e-03	-0.01	3.49e-04	-8.54e-05	6.96e-05
32	8	-0.01	9.24e-04	-1.06e-03	5.29e-06	1.84e-04	2.62e-05
32	21	-8.81e-03	8.08e-04	-1.15e-03	6.44e-06	1.59e-04	2.34e-05
32	32	-7.52e-03	6.77e-04	-8.34e-04	4.29e-06	1.36e-04	1.95e-05
32	35	-6.61e-03	6.00e-04	-8.96e-04	5.06e-06	1.19e-04	1.76e-05
32	37	-6.59e-03	5.66e-04	-8.96e-04	4.95e-06	1.19e-04	1.76e-05
33	7	-9.46e-03	0.09	-0.58	-7.79e-04	3.09e-03	3.07e-04
33	8	-9.46e-03	0.09	-0.58	-7.80e-04	3.08e-03	3.06e-04
33	31	-6.95e-03	0.07	-0.42	-5.73e-04	2.26e-03	2.25e-04
33	32	-6.95e-03	0.07	-0.42	-5.74e-04	2.26e-03	2.25e-04
33	37	-5.95e-03	0.06	-0.36	-4.93e-04	1.93e-03	1.91e-04
34	1	0.0	0.0	0.0	0.0	0.0	0.0
34	25	0.0	0.0	0.0	0.0	0.0	0.0
34	37	0.0	0.0	0.0	0.0	0.0	0.0
35	1	0.0	0.0	0.0	0.0	0.0	0.0
35	25	0.0	0.0	0.0	0.0	0.0	0.0
35	37	0.0	0.0	0.0	0.0	0.0	0.0
36	8	1.06e-03	3.06e-04	-3.72e-03	2.82e-04	-1.33e-04	7.38e-05
36	21	9.17e-04	6.98e-04	-3.59e-03	2.95e-04	-5.41e-05	5.08e-05
36	32	7.80e-04	2.78e-04	-2.81e-03	2.16e-04	-9.13e-05	5.29e-05
36	35	6.84e-04	5.39e-04	-2.72e-03	2.25e-04	-3.84e-05	3.75e-05
36	37	6.64e-04	3.60e-04	-2.60e-03	2.09e-04	-6.30e-05	4.22e-05
37	1	0.0	0.0	0.0	0.0	0.0	0.0
37	25	0.0	0.0	0.0	0.0	0.0	0.0
37	37	0.0	0.0	0.0	0.0	0.0	0.0
38	8	3.95e-03	3.87e-03	-0.01	-2.43e-04	-1.66e-03	-1.29e-06
38	32	2.89e-03	2.90e-03	-8.87e-03	-1.87e-04	-1.24e-03	0.0
38	37	2.42e-03	2.62e-03	-7.98e-03	-1.74e-04	-1.09e-03	0.0
39	1	0.0	0.0	0.0	0.0	0.0	0.0
39	25	0.0	0.0	0.0	0.0	0.0	0.0
39	37	0.0	0.0	0.0	0.0	0.0	0.0
40	7	-4.20e-03	2.95e-03	-1.41e-03	1.36e-04	2.53e-03	4.85e-04
40	8	-4.21e-03	2.93e-03	-1.47e-03	1.35e-04	2.52e-03	4.83e-04
40	21	-3.59e-03	2.25e-03	-1.62e-03	1.12e-04	2.08e-03	4.01e-04
40	31	-3.09e-03	2.13e-03	-1.10e-03	9.96e-05	1.85e-03	3.56e-04
40	32	-3.10e-03	2.11e-03	-1.14e-03	9.90e-05	1.85e-03	3.54e-04
40	35	-2.69e-03	1.66e-03	-1.24e-03	8.36e-05	1.55e-03	2.99e-04
40	37	-2.66e-03	1.68e-03	-1.15e-03	8.48e-05	1.57e-03	3.02e-04
41	1	0.0	0.0	0.0	0.0	0.0	0.0
41	25	0.0	0.0	0.0	0.0	0.0	0.0
41	37	0.0	0.0	0.0	0.0	0.0	0.0
42	8	-3.12e-03	1.50e-03	-0.04	-3.02e-04	-2.34e-04	-2.98e-06
42	32	-2.29e-03	1.06e-03	-0.03	-2.28e-04	-1.73e-04	-2.33e-06
42	37	-1.96e-03	7.26e-04	-0.02	-2.12e-04	-1.52e-04	-2.57e-06
43	1	0.0	0.0	0.0	0.0	0.0	0.0
43	25	0.0	0.0	0.0	0.0	0.0	0.0
43	37	0.0	0.0	0.0	0.0	0.0	0.0
44	7	-5.72e-04	-3.71e-03	-0.03	-7.70e-05	-1.13e-03	-8.56e-05
44	8	-6.17e-04	-3.54e-03	-0.03	-8.83e-05	-1.12e-03	-8.53e-05
44	22	-6.31e-04	-3.03e-03	-0.03	-1.06e-04	-1.01e-03	-7.66e-05
44	31	-4.28e-04	-2.72e-03	-0.02	-6.17e-05	-8.23e-04	-6.25e-05
44	32	-4.58e-04	-2.61e-03	-0.02	-6.93e-05	-8.20e-04	-6.24e-05
44	36	-4.68e-04	-2.27e-03	-0.02	-8.10e-05	-7.42e-04	-5.65e-05
44	37	-3.91e-04	-2.32e-03	-0.02	-6.94e-05	-6.87e-04	-5.23e-05
45	1	0.0	0.0	0.0	0.0	0.0	0.0
45	25	0.0	0.0	0.0	0.0	0.0	0.0
45	37	0.0	0.0	0.0	0.0	0.0	0.0
46	8	-1.32e-04	-1.01e-03	-0.01	2.51e-04	-1.22e-04	-3.55e-06
46	21	-4.49e-04	-1.17e-03	-0.01	2.05e-04	-2.39e-05	3.13e-06
46	23	-4.56e-04	-9.51e-04	-8.36e-03	1.45e-04	1.31e-05	4.59e-06
46	32	-1.26e-04	-7.95e-04	-9.10e-03	1.84e-04	-8.15e-05	-1.96e-06
46	35	-3.37e-04	-8.97e-04	-8.41e-03	1.53e-04	-1.60e-05	2.49e-06
46	37	-1.54e-04	-8.19e-04	-8.16e-03	1.59e-04	-5.31e-05	0.0
47	1	0.0	0.0	0.0	0.0	0.0	0.0
47	25	0.0	0.0	0.0	0.0	0.0	0.0
47	37	0.0	0.0	0.0	0.0	0.0	0.0
48	8	-0.01	0.03	-0.02	-2.35e-03	1.65e-03	1.46e-04
48	32	-8.78e-03	0.02	-0.01	-1.71e-03	1.22e-03	1.09e-04
48	37	-7.54e-03	0.02	-0.01	-1.44e-03	1.07e-03	9.55e-05
49	1	0.0	0.0	0.0	0.0	0.0	0.0
49	25	0.0	0.0	0.0	0.0	0.0	0.0
49	37	0.0	0.0	0.0	0.0	0.0	0.0
50	8	-0.01	1.44e-03	-8.35e-03	5.60e-04	-8.33e-04	-2.11e-04
50	22	-0.01	1.20e-03	-8.62e-03	6.82e-04	-8.65e-04	-2.14e-04
50	32	-8.16e-03	9.84e-04	-6.28e-03	4.37e-04	-6.26e-04	-1.58e-04

50	36	-7.52e-03	8.28e-04	-6.46e-03	5.18e-04	-6.47e-04	-1.60e-04
50	37	-7.01e-03	5.88e-04	-5.65e-03	4.28e-04	-5.59e-04	-1.41e-04
51	1	0.0	0.0	0.0	0.0	0.0	0.0
51	25	0.0	0.0	0.0	0.0	0.0	0.0
51	37	0.0	0.0	0.0	0.0	0.0	0.0
52	7	-9.77e-03	-3.40e-03	-0.02	6.79e-04	-1.25e-03	-1.29e-04
52	22	-8.79e-03	-2.53e-03	-0.02	8.36e-04	-1.20e-03	-1.20e-04
52	31	-7.15e-03	-2.48e-03	-0.02	5.24e-04	-9.25e-04	-9.51e-05
52	36	-6.50e-03	-1.90e-03	-0.02	6.28e-04	-8.89e-04	-8.89e-05
52	37	-6.02e-03	-2.06e-03	-0.02	5.28e-04	-8.02e-04	-8.11e-05
53	1	0.0	0.0	0.0	0.0	0.0	0.0
53	25	0.0	0.0	0.0	0.0	0.0	0.0
53	37	0.0	0.0	0.0	0.0	0.0	0.0
54	7	-6.85e-03	-7.11e-04	-0.02	-5.50e-05	1.53e-03	1.94e-04
54	22	-5.97e-03	-2.11e-04	-0.02	1.24e-04	1.57e-03	2.00e-04
54	31	-4.99e-03	-5.34e-04	-0.01	-1.91e-05	1.14e-03	1.45e-04
54	36	-4.41e-03	-2.01e-04	-0.01	1.00e-04	1.17e-03	1.49e-04
54	37	-4.14e-03	-4.97e-04	-0.01	5.24e-05	1.04e-03	1.32e-04
55	1	0.0	0.0	0.0	0.0	0.0	0.0
55	25	0.0	0.0	0.0	0.0	0.0	0.0
55	37	0.0	0.0	0.0	0.0	0.0	0.0
56	7	-2.88e-04	-2.53e-03	-0.02	1.85e-04	3.30e-04	1.68e-05
56	8	-3.67e-04	-2.42e-03	-0.02	1.94e-04	3.14e-04	1.61e-05
56	21	-4.88e-04	-1.92e-03	-0.02	1.92e-04	2.13e-04	1.14e-05
56	31	-2.30e-04	-1.86e-03	-0.02	1.40e-04	2.36e-04	1.21e-05
56	32	-2.83e-04	-1.79e-03	-0.02	1.46e-04	2.25e-04	1.16e-05
56	35	-3.64e-04	-1.45e-03	-0.01	1.45e-04	1.57e-04	8.44e-06
56	37	-2.58e-04	-1.59e-03	-0.01	1.33e-04	1.79e-04	9.46e-06
57	1	0.0	0.0	0.0	0.0	0.0	0.0
57	25	0.0	0.0	0.0	0.0	0.0	0.0
57	37	0.0	0.0	0.0	0.0	0.0	0.0
58	7	2.04e-03	-1.91e-03	-0.02	1.57e-04	5.61e-05	4.15e-06
58	8	1.84e-03	-1.86e-03	-0.02	1.79e-04	2.46e-05	3.95e-06
58	31	1.44e-03	-1.42e-03	-0.02	1.25e-04	3.00e-05	3.01e-06
58	32	1.31e-03	-1.38e-03	-0.02	1.40e-04	9.01e-06	2.88e-06
58	37	1.06e-03	-1.26e-03	-0.02	1.37e-04	-1.04e-05	2.45e-06
59	1	0.0	0.0	0.0	0.0	0.0	0.0
59	25	0.0	0.0	0.0	0.0	0.0	0.0
59	37	0.0	0.0	0.0	0.0	0.0	0.0
60	1	3.86e-03	-7.91e-05	-6.45e-03	-5.32e-04	-3.12e-04	9.73e-06
60	7	4.85e-03	-4.50e-05	-6.96e-03	-6.12e-04	-2.98e-04	1.13e-05
60	8	4.65e-03	2.49e-06	-7.11e-03	-6.11e-04	-3.33e-04	1.13e-05
60	25	2.86e-03	-6.49e-05	-4.91e-03	-4.00e-04	-2.42e-04	7.31e-06
60	31	3.52e-03	-4.21e-05	-5.25e-03	-4.54e-04	-2.32e-04	8.35e-06
60	32	3.38e-03	-1.04e-05	-5.35e-03	-4.53e-04	-2.56e-04	8.36e-06
60	37	2.86e-03	-6.49e-05	-4.91e-03	-4.00e-04	-2.42e-04	7.31e-06
61	1	0.0	0.0	0.0	0.0	0.0	0.0
61	25	0.0	0.0	0.0	0.0	0.0	0.0
61	37	0.0	0.0	0.0	0.0	0.0	0.0
62	7	3.20e-03	2.03e-03	-0.01	-7.75e-04	-6.32e-04	4.05e-05
62	8	3.05e-03	2.07e-03	-0.01	-8.11e-04	-6.17e-04	4.21e-05
62	31	2.32e-03	1.48e-03	-8.92e-03	-5.85e-04	-4.62e-04	3.04e-05
62	32	2.22e-03	1.51e-03	-9.06e-03	-6.09e-04	-4.53e-04	3.15e-05
62	37	1.89e-03	1.25e-03	-8.08e-03	-5.51e-04	-3.90e-04	2.82e-05
63	1	0.0	0.0	0.0	0.0	0.0	0.0
63	25	0.0	0.0	0.0	0.0	0.0	0.0
63	37	0.0	0.0	0.0	0.0	0.0	0.0
64	7	-2.11e-03	7.95e-03	-0.02	4.09e-04	-4.11e-04	2.63e-05
64	8	-2.11e-03	8.10e-03	-0.02	4.09e-04	-4.11e-04	2.65e-05
64	31	-1.56e-03	5.85e-03	-0.01	3.10e-04	-3.04e-04	1.97e-05
64	32	-1.55e-03	5.95e-03	-0.01	3.10e-04	-3.04e-04	1.98e-05
64	37	-1.35e-03	5.04e-03	-0.01	2.96e-04	-2.66e-04	1.79e-05
65	1	0.0	0.0	0.0	0.0	0.0	0.0
65	25	0.0	0.0	0.0	0.0	0.0	0.0
65	37	0.0	0.0	0.0	0.0	0.0	0.0
66	7	-1.22e-03	0.01	-1.84e-03	-1.57e-04	1.60e-05	-6.71e-05
66	8	-1.21e-03	0.01	-1.81e-03	-1.51e-04	1.71e-05	-6.85e-05
66	31	-8.98e-04	7.42e-03	-1.37e-03	-1.20e-04	1.18e-05	-4.99e-05
66	32	-8.87e-04	7.53e-03	-1.35e-03	-1.16e-04	1.25e-05	-5.08e-05
66	37	-7.70e-04	6.49e-03	-1.23e-03	-1.19e-04	1.01e-05	-4.46e-05
67	7	-4.31e-03	0.02	-0.23	-5.96e-04	2.53e-03	2.48e-04
67	8	-4.33e-03	0.02	-0.23	-6.06e-04	2.53e-03	2.48e-04
67	31	-3.17e-03	0.02	-0.17	-4.43e-04	1.86e-03	1.82e-04
67	32	-3.18e-03	0.02	-0.17	-4.49e-04	1.85e-03	1.82e-04
67	37	-2.71e-03	0.02	-0.14	-3.95e-04	1.57e-03	1.54e-04
68	1	0.0	0.0	0.0	0.0	0.0	0.0
68	25	0.0	0.0	0.0	0.0	0.0	0.0

68	37	0.0	0.0	0.0	0.0	0.0	0.0
69	8	2.76e-03	8.36e-03	-0.01	-1.23e-04	1.54e-03	-8.00e-05
69	32	2.01e-03	6.16e-03	-9.66e-03	-9.07e-05	1.15e-03	-5.94e-05
69	37	1.64e-03	5.26e-03	-8.77e-03	-7.04e-05	1.02e-03	-5.21e-05
70	7	4.34e-04	1.07e-03	-2.04e-03	1.69e-05	-6.64e-06	-1.06e-05
70	8	3.98e-04	1.18e-03	-2.07e-03	1.69e-05	-5.51e-06	-9.97e-06
70	21	1.85e-04	1.39e-03	-1.91e-03	1.53e-05	-1.41e-06	-6.59e-06
70	31	2.95e-04	8.48e-04	-1.53e-03	1.27e-05	-4.46e-06	-7.60e-06
70	32	2.71e-04	9.21e-04	-1.55e-03	1.27e-05	-3.71e-06	-7.15e-06
70	35	1.30e-04	1.06e-03	-1.44e-03	1.16e-05	0.0	-4.90e-06
70	37	1.77e-04	9.15e-04	-1.41e-03	1.16e-05	-2.48e-06	-5.79e-06
71	7	1.09e-03	1.14e-03	-1.44e-03	2.21e-05	-1.12e-05	-9.57e-06
71	8	1.00e-03	1.24e-03	-1.47e-03	2.10e-05	-1.00e-05	-9.12e-06
71	21	5.59e-04	1.42e-03	-1.41e-03	1.44e-05	-5.27e-06	-6.86e-06
71	31	7.59e-04	8.93e-04	-1.09e-03	1.59e-05	-7.84e-06	-6.97e-06
71	32	7.02e-04	9.62e-04	-1.11e-03	1.51e-05	-7.05e-06	-6.67e-06
71	35	4.07e-04	1.08e-03	-1.07e-03	1.07e-05	-3.89e-06	-5.17e-06
71	37	5.21e-04	9.45e-04	-1.02e-03	1.23e-05	-5.48e-06	-5.77e-06
72	8	3.38e-04	7.85e-04	-1.46e-03	3.78e-05	-4.76e-05	1.74e-05
72	21	4.15e-04	1.07e-03	-1.41e-03	4.03e-05	-1.12e-05	1.11e-05
72	32	2.59e-04	6.28e-04	-1.10e-03	2.90e-05	-3.20e-05	1.24e-05
72	35	3.10e-04	8.17e-04	-1.07e-03	3.07e-05	-9.12e-06	8.15e-06
72	37	2.36e-04	6.60e-04	-1.02e-03	2.82e-05	-2.11e-05	9.70e-06
73	7	2.89e-04	1.03e-03	-1.49e-03	-3.69e-06	1.00e-06	-2.33e-05
73	8	2.61e-04	1.11e-03	-1.50e-03	-4.32e-06	0.0	-2.22e-05
73	21	1.00e-04	1.23e-03	-1.36e-03	-5.87e-06	0.0	-1.60e-05
73	31	1.94e-04	8.01e-04	-1.12e-03	-3.04e-06	0.0	-1.68e-05
73	32	1.75e-04	8.55e-04	-1.12e-03	-3.46e-06	0.0	-1.61e-05
73	35	6.76e-05	9.38e-04	-1.02e-03	-4.49e-06	0.0	-1.19e-05
73	37	1.05e-04	8.29e-04	-1.01e-03	-3.65e-06	0.0	-1.33e-05
74	7	1.30e-03	1.08e-03	-1.27e-03	7.46e-06	-3.28e-06	-2.54e-05
74	8	1.21e-03	1.16e-03	-1.30e-03	7.44e-06	-3.60e-06	-2.42e-05
74	21	7.58e-04	1.27e-03	-1.23e-03	6.24e-06	-4.26e-06	-1.74e-05
74	31	9.16e-04	8.36e-04	-9.61e-04	5.49e-06	-2.60e-06	-1.83e-05
74	32	8.60e-04	8.88e-04	-9.75e-04	5.47e-06	-2.81e-06	-1.75e-05
74	35	5.58e-04	9.61e-04	-9.29e-04	4.67e-06	-3.25e-06	-1.30e-05
74	37	6.69e-04	8.56e-04	-9.01e-04	4.71e-06	-2.83e-06	-1.46e-05
75	7	2.45e-04	8.28e-04	-1.14e-03	-6.36e-06	1.09e-06	-2.37e-05
75	8	2.25e-04	8.87e-04	-1.14e-03	-6.84e-06	0.0	-2.28e-05
75	21	1.05e-04	9.63e-04	-1.02e-03	-7.56e-06	0.0	-1.69e-05
75	31	1.67e-04	6.41e-04	-8.50e-04	-4.95e-06	0.0	-1.71e-05
75	32	1.54e-04	6.80e-04	-8.51e-04	-5.26e-06	0.0	-1.65e-05
75	35	7.37e-05	7.31e-04	-7.70e-04	-5.75e-06	0.0	-1.26e-05
75	37	9.99e-05	6.52e-04	-7.69e-04	-5.11e-06	0.0	-1.38e-05
76	7	1.31e-03	8.76e-04	-1.07e-03	0.0	1.62e-06	-3.04e-05
76	8	1.25e-03	9.33e-04	-1.08e-03	0.0	1.13e-06	-2.93e-05
76	21	8.63e-04	9.99e-04	-1.01e-03	1.25e-06	0.0	-2.21e-05
76	31	9.40e-04	6.76e-04	-8.02e-04	0.0	0.0	-2.21e-05
76	32	8.99e-04	7.14e-04	-8.11e-04	0.0	0.0	-2.13e-05
76	35	6.39e-04	7.57e-04	-7.66e-04	0.0	0.0	-1.65e-05
76	37	7.23e-04	6.81e-04	-7.48e-04	0.0	0.0	-1.79e-05
77	7	2.31e-04	5.90e-04	-8.67e-04	-7.13e-06	1.73e-06	-2.00e-05
77	21	1.28e-04	6.78e-04	-7.65e-04	-7.73e-06	0.0	-1.47e-05
77	31	1.61e-04	4.56e-04	-6.46e-04	-5.45e-06	1.15e-06	-1.45e-05
77	35	9.21e-05	5.14e-04	-5.78e-04	-5.86e-06	0.0	-1.10e-05
77	37	1.10e-04	4.61e-04	-5.81e-04	-5.37e-06	0.0	-1.19e-05
78	7	1.16e-03	6.35e-04	-8.55e-04	-4.36e-06	5.94e-06	-2.77e-05
78	8	1.11e-03	6.74e-04	-8.63e-04	-4.12e-06	5.50e-06	-2.69e-05
78	21	8.12e-04	7.13e-04	-8.04e-04	-2.86e-06	3.25e-06	-2.08e-05
78	31	8.34e-04	4.88e-04	-6.43e-04	-3.13e-06	4.18e-06	-2.01e-05
78	32	8.05e-04	5.14e-04	-6.49e-04	-2.97e-06	3.88e-06	-1.96e-05
78	35	6.04e-04	5.41e-04	-6.09e-04	-2.13e-06	2.38e-06	-1.56e-05
78	37	6.60e-04	4.88e-04	-5.99e-04	-2.45e-06	2.97e-06	-1.66e-05
79	7	2.18e-04	3.63e-04	-6.38e-04	-6.84e-06	2.53e-06	-1.39e-05
79	21	1.44e-04	4.17e-04	-5.57e-04	-7.12e-06	1.31e-06	-1.03e-05
79	31	1.55e-04	2.80e-04	-4.75e-04	-5.20e-06	1.76e-06	-1.01e-05
79	35	1.05e-04	3.16e-04	-4.21e-04	-5.39e-06	0.0	-7.71e-06
79	37	1.16e-04	2.83e-04	-4.26e-04	-5.01e-06	1.19e-06	-8.27e-06
80	7	8.57e-04	4.02e-04	-6.51e-04	-7.04e-06	8.73e-06	-1.98e-05
80	8	8.31e-04	4.26e-04	-6.55e-04	-6.85e-06	8.38e-06	-1.93e-05
80	22	7.04e-04	4.50e-04	-6.31e-04	-5.90e-06	6.88e-06	-1.68e-05
80	31	6.20e-04	3.09e-04	-4.89e-04	-5.13e-06	6.27e-06	-1.44e-05
80	32	6.02e-04	3.25e-04	-4.92e-04	-5.00e-06	6.04e-06	-1.41e-05
80	36	5.18e-04	3.41e-04	-4.76e-04	-4.36e-06	5.04e-06	-1.24e-05
80	37	5.00e-04	3.08e-04	-4.54e-04	-4.23e-06	4.91e-06	-1.20e-05
81	7	1.86e-04	1.73e-04	-4.33e-04	-5.54e-06	3.09e-06	-6.96e-06
81	21	1.39e-04	2.03e-04	-3.74e-04	-5.68e-06	1.99e-06	-5.12e-06

81	31	1.35e-04	1.34e-04	-3.22e-04	-4.20e-06	2.20e-06	-5.06e-06
81	35	1.03e-04	1.54e-04	-2.83e-04	-4.30e-06	1.46e-06	-3.83e-06
81	37	1.08e-04	1.36e-04	-2.88e-04	-4.02e-06	1.64e-06	-4.13e-06
82	7	4.90e-04	2.08e-04	-4.46e-04	-7.04e-06	9.15e-06	-1.00e-05
82	8	4.77e-04	2.21e-04	-4.48e-04	-6.89e-06	8.88e-06	-9.79e-06
82	22	4.09e-04	2.33e-04	-4.30e-04	-6.04e-06	7.54e-06	-8.50e-06
82	31	3.56e-04	1.60e-04	-3.35e-04	-5.14e-06	6.62e-06	-7.31e-06
82	32	3.47e-04	1.68e-04	-3.36e-04	-5.04e-06	6.44e-06	-7.15e-06
82	36	3.01e-04	1.76e-04	-3.24e-04	-4.48e-06	5.55e-06	-6.29e-06
82	37	2.90e-04	1.59e-04	-3.11e-04	-4.30e-06	5.34e-06	-6.07e-06
83	7	1.22e-04	4.13e-05	-2.34e-04	-3.20e-06	3.16e-06	-1.46e-06
83	21	9.94e-05	5.32e-05	-2.01e-04	-3.31e-06	2.32e-06	0.0
83	31	8.95e-05	3.22e-05	-1.74e-04	-2.43e-06	2.29e-06	-1.05e-06
83	35	7.43e-05	4.02e-05	-1.52e-04	-2.50e-06	1.72e-06	0.0
83	37	7.59e-05	3.38e-05	-1.55e-04	-2.32e-06	1.83e-06	0.0
84	7	1.59e-04	7.30e-05	-2.31e-04	-3.83e-06	6.73e-06	-2.41e-06
84	8	1.55e-04	7.76e-05	-2.31e-04	-3.73e-06	6.56e-06	-2.33e-06
84	22	1.34e-04	8.15e-05	-2.22e-04	-3.25e-06	5.66e-06	-1.98e-06
84	31	1.16e-04	5.59e-05	-1.73e-04	-2.79e-06	4.89e-06	-1.75e-06
84	32	1.13e-04	5.90e-05	-1.74e-04	-2.73e-06	4.78e-06	-1.70e-06
84	36	9.89e-05	6.16e-05	-1.68e-04	-2.40e-06	4.18e-06	-1.46e-06
84	37	9.51e-05	5.52e-05	-1.61e-04	-2.32e-06	4.01e-06	-1.42e-06
85	1	0.0	0.0	0.0	0.0	0.0	0.0
85	25	0.0	0.0	0.0	0.0	0.0	0.0
85	37	0.0	0.0	0.0	0.0	0.0	0.0
86	7	1.35e-03	1.10e-03	-1.11e-03	0.0	-3.46e-05	-3.84e-06
86	21	7.83e-04	1.34e-03	-1.12e-03	0.0	-2.24e-05	-5.03e-06
86	22	9.53e-04	1.31e-03	-1.14e-03	0.0	-2.61e-05	-4.83e-06
86	31	9.53e-04	8.56e-04	-8.42e-04	0.0	-2.48e-05	-3.05e-06
86	35	5.77e-04	1.02e-03	-8.48e-04	0.0	-1.66e-05	-3.84e-06
86	36	6.90e-04	1.00e-03	-8.62e-04	0.0	-1.91e-05	-3.71e-06
86	37	6.97e-04	8.93e-04	-8.08e-04	0.0	-1.93e-05	-3.35e-06
87	7	-5.08e-04	8.88e-04	-1.12e-03	1.02e-05	-6.46e-05	1.86e-05
87	8	-4.40e-04	9.95e-04	-1.15e-03	1.06e-05	-5.77e-05	1.75e-05
87	21	-2.12e-04	1.22e-03	-1.13e-03	1.05e-05	-2.96e-05	1.17e-05
87	31	-3.57e-04	7.08e-04	-8.51e-04	7.73e-06	-4.51e-05	1.33e-05
87	32	-3.11e-04	7.79e-04	-8.72e-04	7.99e-06	-4.05e-05	1.26e-05
87	35	-1.59e-04	9.27e-04	-8.55e-04	7.92e-06	-2.18e-05	8.65e-06
87	37	-2.50e-04	7.83e-04	-8.14e-04	7.41e-06	-3.10e-05	1.01e-05
88	7	2.29e-03	1.07e-03	-1.06e-03	0.0	-1.53e-05	-2.54e-05
88	8	2.17e-03	1.15e-03	-1.08e-03	0.0	-1.53e-05	-2.51e-05
88	21	1.50e-03	1.24e-03	-1.06e-03	0.0	-1.35e-05	-2.07e-05
88	31	1.64e-03	8.28e-04	-8.03e-04	0.0	-1.13e-05	-1.87e-05
88	32	1.56e-03	8.77e-04	-8.20e-04	0.0	-1.14e-05	-1.84e-05
88	35	1.11e-03	9.39e-04	-8.04e-04	0.0	-1.01e-05	-1.56e-05
88	37	1.27e-03	8.41e-04	-7.70e-04	0.0	-1.00e-05	-1.60e-05
89	7	2.56e-03	8.91e-04	-9.46e-04	0.0	0.0	-3.50e-05
89	8	2.47e-03	9.46e-04	-9.66e-04	0.0	0.0	-3.45e-05
89	21	1.82e-03	1.00e-03	-9.38e-04	0.0	-2.52e-06	-2.81e-05
89	31	1.85e-03	6.85e-04	-7.18e-04	0.0	0.0	-2.56e-05
89	32	1.79e-03	7.22e-04	-7.31e-04	0.0	0.0	-2.53e-05
89	35	1.35e-03	7.59e-04	-7.12e-04	0.0	-1.95e-06	-2.11e-05
89	37	1.48e-03	6.86e-04	-6.86e-04	0.0	-1.12e-06	-2.18e-05
90	7	2.31e-03	6.55e-04	-7.99e-04	0.0	1.18e-05	-3.37e-05
90	8	2.24e-03	6.93e-04	-8.14e-04	0.0	1.11e-05	-3.32e-05
90	22	1.92e-03	7.28e-04	-8.05e-04	0.0	8.76e-06	-2.97e-05
90	31	1.67e-03	5.03e-04	-6.06e-04	0.0	8.39e-06	-2.47e-05
90	32	1.63e-03	5.28e-04	-6.15e-04	0.0	7.95e-06	-2.44e-05
90	36	1.41e-03	5.51e-04	-6.09e-04	0.0	6.39e-06	-2.20e-05
90	37	1.37e-03	5.00e-04	-5.77e-04	0.0	6.39e-06	-2.10e-05
91	7	1.68e-03	4.22e-04	-6.30e-04	0.0	1.85e-05	-2.50e-05
91	8	1.64e-03	4.45e-04	-6.40e-04	0.0	1.80e-05	-2.47e-05
91	22	1.42e-03	4.66e-04	-6.31e-04	0.0	1.53e-05	-2.22e-05
91	31	1.22e-03	3.23e-04	-4.77e-04	0.0	1.34e-05	-1.84e-05
91	32	1.20e-03	3.39e-04	-4.84e-04	0.0	1.30e-05	-1.82e-05
91	36	1.05e-03	3.53e-04	-4.78e-04	0.0	1.13e-05	-1.65e-05
91	37	1.01e-03	3.20e-04	-4.54e-04	0.0	1.09e-05	-1.56e-05
92	7	9.14e-04	2.26e-04	-4.41e-04	0.0	1.89e-05	-1.36e-05
92	8	8.93e-04	2.38e-04	-4.48e-04	0.0	1.85e-05	-1.34e-05
92	22	7.76e-04	2.49e-04	-4.40e-04	0.0	1.60e-05	-1.21e-05
92	31	6.66e-04	1.73e-04	-3.34e-04	0.0	1.38e-05	-9.98e-06
92	32	6.52e-04	1.81e-04	-3.38e-04	0.0	1.35e-05	-9.88e-06
92	36	5.74e-04	1.89e-04	-3.33e-04	0.0	1.19e-05	-8.95e-06
92	37	5.51e-04	1.71e-04	-3.17e-04	0.0	1.14e-05	-8.50e-06
93	7	2.66e-04	8.56e-05	-2.32e-04	0.0	1.24e-05	-4.13e-06
93	8	2.59e-04	9.02e-05	-2.35e-04	0.0	1.21e-05	-4.08e-06
93	22	2.25e-04	9.39e-05	-2.31e-04	0.0	1.06e-05	-3.65e-06

93	31	1.93e-04	6.56e-05	-1.76e-04	0.0	9.04e-06	-3.03e-06
93	32	1.89e-04	6.86e-05	-1.78e-04	0.0	8.86e-06	-3.00e-06
93	36	1.66e-04	7.10e-05	-1.75e-04	0.0	7.83e-06	-2.70e-06
93	37	1.60e-04	6.46e-05	-1.67e-04	0.0	7.50e-06	-2.57e-06
94	1	0.0	0.0	0.0	0.0	0.0	0.0
94	25	0.0	0.0	0.0	0.0	0.0	0.0
94	37	0.0	0.0	0.0	0.0	0.0	0.0
95	7	1.72e-03	1.15e-03	-1.00e-03	1.25e-06	-5.86e-05	-8.55e-06
95	21	1.17e-03	1.35e-03	-1.03e-03	0.0	-4.23e-05	-1.01e-05
95	22	1.34e-03	1.34e-03	-1.04e-03	1.01e-06	-4.76e-05	-1.01e-05
95	31	1.23e-03	8.92e-04	-7.63e-04	0.0	-4.24e-05	-6.60e-06
95	35	8.67e-04	1.03e-03	-7.84e-04	0.0	-3.16e-05	-7.62e-06
95	36	9.85e-04	1.02e-03	-7.93e-04	0.0	-3.51e-05	-7.60e-06
95	37	9.67e-04	9.11e-04	-7.42e-04	0.0	-3.44e-05	-6.65e-06
96	7	-1.07e-03	1.08e-03	-1.06e-03	9.67e-06	-8.44e-05	1.44e-05
96	21	-6.84e-04	1.34e-03	-1.09e-03	8.89e-06	-5.12e-05	9.11e-06
96	22	-7.93e-04	1.31e-03	-1.10e-03	9.39e-06	-6.07e-05	1.07e-05
96	31	-7.73e-04	8.43e-04	-8.06e-04	7.19e-06	-6.02e-05	1.03e-05
96	35	-5.13e-04	1.02e-03	-8.25e-04	6.68e-06	-3.81e-05	6.78e-06
96	36	-5.86e-04	1.00e-03	-8.36e-04	7.01e-06	-4.44e-05	7.82e-06
96	37	-6.08e-04	8.87e-04	-7.80e-04	6.44e-06	-4.58e-05	7.96e-06
97	7	3.43e-03	1.08e-03	-9.45e-04	0.0	-2.97e-05	-3.19e-05
97	21	2.50e-03	1.22e-03	-9.73e-04	0.0	-2.48e-05	-2.90e-05
97	22	2.81e-03	1.22e-03	-9.85e-04	0.0	-2.68e-05	-3.07e-05
97	31	2.49e-03	8.32e-04	-7.21e-04	0.0	-2.19e-05	-2.37e-05
97	35	1.86e-03	9.27e-04	-7.39e-04	0.0	-1.86e-05	-2.18e-05
97	36	2.07e-03	9.25e-04	-7.47e-04	0.0	-2.00e-05	-2.29e-05
97	37	2.01e-03	8.35e-04	-7.02e-04	0.0	-1.89e-05	-2.12e-05
98	7	4.04e-03	8.91e-04	-8.67e-04	0.0	-2.72e-06	-4.30e-05
98	22	3.41e-03	9.91e-04	-8.98e-04	0.0	-4.21e-06	-4.02e-05
98	31	2.94e-03	6.84e-04	-6.61e-04	0.0	-2.24e-06	-3.18e-05
98	36	2.52e-03	7.51e-04	-6.82e-04	0.0	-3.23e-06	-2.99e-05
98	37	2.42e-03	6.80e-04	-6.42e-04	0.0	-2.68e-06	-2.79e-05
99	7	3.70e-03	6.52e-04	-7.57e-04	0.0	1.83e-05	-4.15e-05
99	22	3.18e-03	7.20e-04	-7.80e-04	0.0	1.47e-05	-3.85e-05
99	31	2.70e-03	5.00e-04	-5.76e-04	0.0	1.32e-05	-3.07e-05
99	36	2.35e-03	5.45e-04	-5.92e-04	0.0	1.08e-05	-2.87e-05
99	37	2.25e-03	4.95e-04	-5.58e-04	0.0	1.06e-05	-2.68e-05
100	7	2.70e-03	4.18e-04	-6.14e-04	0.0	3.01e-05	-3.12e-05
100	22	2.35e-03	4.60e-04	-6.30e-04	0.0	2.58e-05	-2.89e-05
100	31	1.98e-03	3.20e-04	-4.67e-04	0.0	2.20e-05	-2.31e-05
100	36	1.74e-03	3.48e-04	-4.78e-04	0.0	1.91e-05	-2.15e-05
100	37	1.66e-03	3.17e-04	-4.52e-04	0.0	1.83e-05	-2.01e-05
101	7	1.46e-03	2.22e-04	-4.40e-04	0.0	3.07e-05	-1.74e-05
101	8	1.44e-03	2.33e-04	-4.50e-04	0.0	3.02e-05	-1.74e-05
101	22	1.28e-03	2.44e-04	-4.50e-04	0.0	2.68e-05	-1.61e-05
101	31	1.07e-03	1.70e-04	-3.35e-04	0.0	2.25e-05	-1.29e-05
101	32	1.06e-03	1.78e-04	-3.41e-04	0.0	2.21e-05	-1.29e-05
101	36	9.45e-04	1.85e-04	-3.41e-04	0.0	1.98e-05	-1.20e-05
101	37	9.00e-04	1.69e-04	-3.23e-04	0.0	1.89e-05	-1.12e-05
102	7	4.26e-04	8.15e-05	-2.37e-04	0.0	2.00e-05	-5.56e-06
102	8	4.19e-04	8.59e-05	-2.42e-04	0.0	1.97e-05	-5.57e-06
102	21	3.36e-04	9.03e-05	-2.36e-04	0.0	1.59e-05	-4.77e-06
102	31	3.11e-04	6.27e-05	-1.80e-04	0.0	1.46e-05	-4.10e-06
102	32	3.06e-04	6.56e-05	-1.83e-04	0.0	1.44e-05	-4.11e-06
102	35	2.51e-04	6.85e-05	-1.80e-04	0.0	1.19e-05	-3.58e-06
102	37	2.61e-04	6.27e-05	-1.73e-04	0.0	1.23e-05	-3.57e-06
103	1	0.0	0.0	0.0	0.0	0.0	0.0
103	25	0.0	0.0	0.0	0.0	0.0	0.0
103	37	0.0	0.0	0.0	0.0	0.0	0.0
104	7	2.50e-03	1.27e-03	-9.94e-04	-2.47e-05	-8.57e-05	-1.91e-05
104	22	2.14e-03	1.43e-03	-1.05e-03	-2.37e-05	-7.36e-05	-2.02e-05
104	31	1.82e-03	9.73e-04	-7.60e-04	-1.84e-05	-6.26e-05	-1.44e-05
104	36	1.58e-03	1.08e-03	-7.97e-04	-1.77e-05	-5.45e-05	-1.51e-05
104	37	1.50e-03	9.73e-04	-7.45e-04	-1.64e-05	-5.24e-05	-1.35e-05
105	7	-1.38e-03	1.28e-03	-1.08e-03	1.30e-05	-1.15e-04	8.43e-06
105	21	-9.71e-04	1.49e-03	-1.12e-03	1.19e-05	-8.16e-05	5.02e-06
105	22	-1.09e-03	1.48e-03	-1.13e-03	1.26e-05	-9.22e-05	5.93e-06
105	31	-1.00e-03	9.92e-04	-8.21e-04	9.66e-06	-8.31e-05	6.04e-06
105	35	-7.29e-04	1.13e-03	-8.50e-04	8.92e-06	-6.10e-05	3.76e-06
105	36	-8.11e-04	1.12e-03	-8.59e-04	9.39e-06	-6.80e-05	4.37e-06
105	37	-8.19e-04	1.01e-03	-8.01e-04	8.60e-06	-6.71e-05	4.66e-06
106	7	5.01e-03	1.12e-03	-9.27e-04	-1.33e-05	-4.50e-05	-4.51e-05
106	22	4.35e-03	1.24e-03	-9.78e-04	-1.22e-05	-4.07e-05	-4.44e-05
106	31	3.66e-03	8.60e-04	-7.09e-04	-9.83e-06	-3.31e-05	-3.36e-05
106	36	3.22e-03	9.42e-04	-7.43e-04	-9.07e-06	-3.03e-05	-3.31e-05
106	37	3.07e-03	8.52e-04	-6.96e-04	-8.53e-06	-2.86e-05	-3.03e-05

107	7	5.93e-03	8.91e-04	-8.58e-04	-2.18e-06	-4.40e-06	-5.61e-05
107	22	5.21e-03	9.82e-04	-9.00e-04	-1.59e-06	-5.31e-06	-5.42e-05
107	31	4.34e-03	6.83e-04	-6.55e-04	-1.56e-06	-3.42e-06	-4.17e-05
107	36	3.86e-03	7.43e-04	-6.84e-04	-1.16e-06	-4.03e-06	-4.04e-05
107	37	3.67e-03	6.75e-04	-6.42e-04	-1.19e-06	-3.53e-06	-3.72e-05
108	7	5.43e-03	6.35e-04	-7.63e-04	6.64e-06	2.74e-05	-5.27e-05
108	22	4.82e-03	6.97e-04	-7.98e-04	6.64e-06	2.36e-05	-5.04e-05
108	31	3.98e-03	4.86e-04	-5.83e-04	4.96e-06	2.00e-05	-3.91e-05
108	36	3.57e-03	5.28e-04	-6.06e-04	4.96e-06	1.74e-05	-3.76e-05
108	37	3.38e-03	4.81e-04	-5.69e-04	4.52e-06	1.66e-05	-3.47e-05
109	7	3.97e-03	3.95e-04	-6.32e-04	1.15e-05	4.50e-05	-3.92e-05
109	22	3.54e-03	4.34e-04	-6.57e-04	1.11e-05	3.99e-05	-3.74e-05
109	31	2.91e-03	3.03e-04	-4.82e-04	8.57e-06	3.30e-05	-2.91e-05
109	36	2.63e-03	3.29e-04	-4.99e-04	8.31e-06	2.96e-05	-2.78e-05
109	37	2.48e-03	3.01e-04	-4.69e-04	7.65e-06	2.80e-05	-2.58e-05
110	7	2.15e-03	1.99e-04	-4.60e-04	1.20e-05	4.58e-05	-2.19e-05
110	21	1.77e-03	2.22e-04	-4.69e-04	1.08e-05	3.77e-05	-1.96e-05
110	22	1.92e-03	2.21e-04	-4.76e-04	1.15e-05	4.10e-05	-2.08e-05
110	31	1.58e-03	1.54e-04	-3.50e-04	8.90e-06	3.36e-05	-1.62e-05
110	35	1.33e-03	1.69e-04	-3.57e-04	8.11e-06	3.82e-05	-1.47e-05
110	36	1.43e-03	1.68e-04	-3.61e-04	8.55e-06	3.04e-05	-1.55e-05
110	37	1.35e-03	1.54e-04	-3.40e-04	7.90e-06	2.87e-05	-1.44e-05
111	7	6.31e-04	6.49e-05	-2.50e-04	7.94e-06	2.98e-05	-7.05e-06
111	21	5.17e-04	7.53e-05	-2.54e-04	7.13e-06	2.46e-05	-6.29e-06
111	22	5.62e-04	7.41e-05	-2.58e-04	7.57e-06	2.67e-05	-6.70e-06
111	31	4.63e-04	5.05e-05	-1.90e-04	5.89e-06	2.19e-05	-5.23e-06
111	35	3.87e-04	5.75e-05	-1.93e-04	5.35e-06	1.84e-05	-4.72e-06
111	36	4.17e-04	5.66e-05	-1.96e-04	5.65e-06	1.98e-05	-4.99e-06
111	37	3.95e-04	5.23e-05	-1.84e-04	5.22e-06	1.87e-05	-4.62e-06
112	1	0.0	0.0	0.0	0.0	0.0	0.0
112	25	0.0	0.0	0.0	0.0	0.0	0.0
112	37	0.0	0.0	0.0	0.0	0.0	0.0
113	7	3.89e-03	1.42e-03	-1.07e-03	3.52e-05	-1.17e-04	-3.34e-05
113	22	3.50e-03	1.56e-03	-1.13e-03	3.41e-05	-1.04e-04	-3.37e-05
113	31	2.85e-03	1.08e-03	-8.18e-04	2.62e-05	-8.56e-05	-2.50e-05
113	36	2.59e-03	1.18e-03	-8.59e-04	2.54e-05	-7.73e-05	-2.51e-05
113	37	2.43e-03	1.06e-03	-8.01e-04	2.34e-05	-7.32e-05	-2.27e-05
114	7	-1.42e-03	1.53e-03	-1.16e-03	1.78e-05	-1.60e-04	2.18e-06
114	22	-1.16e-03	1.70e-03	-1.23e-03	1.74e-05	-1.38e-04	0.0
114	31	-1.04e-03	1.17e-03	-8.88e-04	1.33e-05	-1.17e-04	1.53e-06
114	36	-8.65e-04	1.28e-03	-9.31e-04	1.30e-05	-1.02e-04	0.0
114	37	-8.66e-04	1.15e-03	-8.66e-04	1.19e-05	-9.82e-05	1.06e-06
115	7	7.26e-03	1.18e-03	-1.00e-03	1.64e-05	-5.95e-05	-6.37e-05
115	22	6.55e-03	1.29e-03	-1.06e-03	1.55e-05	-5.46e-05	-6.28e-05
115	31	5.34e-03	9.02e-04	-7.66e-04	1.22e-05	-4.39e-05	-4.75e-05
115	36	4.86e-03	9.75e-04	-8.03e-04	1.15e-05	-4.06e-05	-4.68e-05
115	37	4.57e-03	8.84e-04	-7.51e-04	1.08e-05	-3.82e-05	-4.28e-05
116	7	8.41e-03	8.91e-04	-9.37e-04	0.0	-3.19e-06	-7.41e-05
116	22	7.63e-03	9.71e-04	-9.87e-04	0.0	-3.78e-06	-7.23e-05
116	31	6.19e-03	6.81e-04	-7.16e-04	0.0	-2.48e-06	-5.52e-05
116	36	5.67e-03	7.35e-04	-7.49e-04	0.0	-2.88e-06	-5.39e-05
116	37	5.32e-03	6.68e-04	-7.00e-04	0.0	-2.58e-06	-4.95e-05
117	7	7.62e-03	6.07e-04	-8.44e-04	-1.12e-05	4.01e-05	-6.71e-05
117	22	6.94e-03	6.63e-04	-8.86e-04	-1.10e-05	6.51e-05	-6.51e-05
117	31	5.61e-03	4.65e-04	-6.44e-04	-8.34e-06	2.95e-05	-4.99e-05
117	36	5.16e-03	5.02e-04	-6.72e-04	-8.21e-06	2.68e-05	-4.86e-05
117	37	4.84e-03	4.59e-04	-6.28e-04	-7.50e-06	2.52e-05	-4.46e-05
118	7	5.54e-03	3.61e-04	-7.03e-04	-1.72e-05	6.34e-05	-4.90e-05
118	22	5.06e-03	3.97e-04	-7.35e-04	-1.66e-05	5.78e-05	-4.74e-05
118	31	4.08e-03	2.77e-04	-5.36e-04	-1.27e-05	4.67e-05	-3.64e-05
118	36	3.76e-03	3.02e-04	-5.57e-04	-1.24e-05	4.29e-05	-3.54e-05
118	37	3.53e-03	2.77e-04	-5.21e-04	-1.14e-05	4.03e-05	-3.25e-05
119	7	3.00e-03	1.68e-04	-5.12e-04	-1.72e-05	6.39e-05	-2.72e-05
119	21	2.54e-03	1.91e-04	-5.26e-04	-1.57e-05	5.41e-05	-2.48e-05
119	22	2.74e-03	1.89e-04	-5.34e-04	-1.66e-05	5.84e-05	-2.62e-05
119	31	2.21e-03	1.30e-04	-3.90e-04	-1.28e-05	4.70e-05	-2.02e-05
119	35	1.91e-03	1.46e-04	-3.99e-04	-1.17e-05	4.06e-05	-1.86e-05
119	36	2.04e-03	1.44e-04	-4.04e-04	-1.24e-05	4.34e-05	-1.96e-05
119	37	1.91e-03	1.33e-04	-3.78e-04	-1.14e-05	4.07e-05	-1.80e-05
120	7	8.86e-04	4.22e-05	-2.78e-04	-1.13e-05	4.17e-05	-8.78e-06
120	21	7.48e-04	5.43e-05	-2.84e-04	-1.03e-05	3.81e-05	-8.00e-06
120	22	8.08e-04	5.17e-05	-2.88e-04	-1.09e-05	3.81e-05	-8.47e-06
120	31	6.52e-04	3.37e-05	-2.11e-04	-8.42e-06	3.07e-05	-6.52e-06
120	35	5.61e-04	4.17e-05	-2.15e-04	-7.71e-06	2.65e-05	-6.01e-06
120	36	6.00e-04	4.00e-05	-2.18e-04	-8.12e-06	2.83e-05	-6.32e-06
120	37	5.63e-04	3.74e-05	-2.05e-04	-7.49e-06	2.65e-05	-5.82e-06
121	1	0.0	0.0	0.0	0.0	0.0	0.0

121	25	0.0	0.0	0.0	0.0	0.0	0.0
121	37	0.0	0.0	0.0	0.0	0.0	0.0
122	8	6.05e-03	1.68e-03	-1.29e-03	4.29e-06	-1.57e-04	-5.20e-05
122	22	5.58e-03	1.72e-03	-1.31e-03	3.98e-06	-1.45e-04	-5.01e-05
122	32	4.46e-03	1.27e-03	-9.81e-04	3.17e-06	-1.16e-04	-3.86e-05
122	36	4.15e-03	1.30e-03	-9.95e-04	2.97e-06	-1.08e-04	-3.73e-05
122	37	3.85e-03	1.18e-03	-9.25e-04	2.77e-06	-1.01e-04	-3.39e-05
123	7	-1.15e-03	1.83e-03	-1.34e-03	2.38e-05	-2.24e-04	-4.05e-06
123	22	-9.57e-04	1.97e-03	-1.41e-03	2.34e-05	-2.03e-04	-4.43e-06
123	31	-8.43e-04	1.39e-03	-1.02e-03	1.77e-05	-1.65e-04	-2.99e-06
123	36	-7.17e-04	1.49e-03	-1.07e-03	1.75e-05	-1.51e-04	-3.25e-06
123	37	-7.25e-04	1.34e-03	-9.92e-04	1.60e-05	-1.42e-04	-2.63e-06
124	8	0.01	1.30e-03	-1.23e-03	1.97e-06	-7.53e-05	-8.88e-05
124	22	9.60e-03	1.33e-03	-1.25e-03	1.83e-06	-6.98e-05	-8.52e-05
124	32	7.67e-03	9.81e-04	-9.37e-04	1.45e-06	-5.57e-05	-6.60e-05
124	36	7.14e-03	1.00e-03	-9.50e-04	1.36e-06	-5.20e-05	-6.35e-05
124	37	6.65e-03	9.13e-04	-8.84e-04	1.27e-06	-4.86e-05	-5.81e-05
125	8	0.01	9.18e-04	-1.17e-03	0.0	2.26e-06	-9.77e-05
125	22	0.01	9.46e-04	-1.19e-03	0.0	1.77e-06	-9.35e-05
125	32	8.63e-03	6.97e-04	-8.89e-04	0.0	1.58e-06	-7.26e-05
125	36	8.03e-03	7.16e-04	-9.00e-04	0.0	1.26e-06	-6.97e-05
125	37	7.49e-03	6.53e-04	-8.37e-04	0.0	1.14e-06	-6.39e-05
126	8	0.01	6.00e-04	-1.06e-03	-1.59e-06	5.94e-05	-8.53e-05
126	22	9.63e-03	6.22e-04	-1.07e-03	-1.48e-06	5.48e-05	-8.15e-05
126	32	7.69e-03	4.57e-04	-8.01e-04	-1.18e-06	4.38e-05	-6.34e-05
126	36	7.17e-03	4.71e-04	-8.10e-04	-1.10e-06	4.07e-05	-6.08e-05
126	37	6.68e-03	4.32e-04	-7.52e-04	-1.02e-06	3.80e-05	-5.58e-05
127	8	7.51e-03	3.44e-04	-8.71e-04	-2.33e-06	8.87e-05	-6.11e-05
127	21	6.48e-03	3.62e-04	-8.66e-04	-2.03e-06	7.65e-05	-5.52e-05
127	22	6.94e-03	3.61e-04	-8.81e-04	-2.17e-06	8.21e-05	-5.83e-05
127	32	5.54e-03	2.63e-04	-6.60e-04	-1.73e-06	6.55e-05	-4.54e-05
127	35	4.85e-03	2.75e-04	-6.57e-04	-1.52e-06	5.73e-05	-4.15e-05
127	36	5.17e-03	2.75e-04	-6.66e-04	-1.62e-06	6.11e-05	-4.35e-05
127	37	4.82e-03	2.53e-04	-6.19e-04	-1.50e-06	5.69e-05	-4.00e-05
128	8	4.06e-03	1.49e-04	-6.25e-04	-2.30e-06	8.79e-05	-3.37e-05
128	21	3.50e-03	1.64e-04	-6.20e-04	-2.01e-06	7.59e-05	-3.04e-05
128	22	3.75e-03	1.61e-04	-6.31e-04	-2.15e-06	8.14e-05	-3.21e-05
128	32	3.00e-03	1.15e-04	-4.73e-04	-1.70e-06	6.49e-05	-2.50e-05
128	35	2.62e-03	1.26e-04	-4.70e-04	-1.50e-06	5.69e-05	-2.28e-05
128	36	2.79e-03	1.23e-04	-4.77e-04	-1.60e-06	6.05e-05	-2.40e-05
128	37	2.60e-03	1.15e-04	-4.44e-04	-1.48e-06	5.64e-05	-2.20e-05
129	8	1.20e-03	2.54e-05	-3.32e-04	-1.50e-06	5.73e-05	-1.09e-05
129	21	1.03e-03	3.59e-05	-3.29e-04	-1.31e-06	4.94e-05	-9.87e-06
129	22	1.11e-03	3.24e-05	-3.35e-04	-1.40e-06	5.30e-05	-1.04e-05
129	32	8.86e-04	2.10e-05	-2.52e-04	-1.11e-06	4.23e-05	-8.12e-06
129	35	7.76e-04	2.80e-05	-2.49e-04	0.0	3.71e-05	-7.41e-06
129	36	8.26e-04	2.56e-05	-2.53e-04	-1.04e-06	3.94e-05	-7.78e-06
129	37	7.70e-04	2.46e-05	-2.36e-04	0.0	3.68e-05	-7.15e-06
130	1	0.0	0.0	0.0	0.0	0.0	0.0
130	25	0.0	0.0	0.0	0.0	0.0	0.0
130	37	0.0	0.0	0.0	0.0	0.0	0.0
131	8	9.17e-03	1.85e-03	-1.64e-03	4.47e-06	-2.10e-04	-7.30e-05
131	22	8.55e-03	1.88e-03	-1.66e-03	4.16e-06	-1.95e-04	-6.97e-05
131	32	6.77e-03	1.39e-03	-1.24e-03	3.30e-06	-1.55e-04	-5.42e-05
131	36	6.35e-03	1.41e-03	-1.25e-03	3.10e-06	-1.45e-04	-5.19e-05
131	37	5.87e-03	1.28e-03	-1.16e-03	2.89e-06	-1.36e-04	-4.75e-05
132	7	-5.20e-04	2.20e-03	-1.67e-03	3.05e-05	-3.13e-04	-1.04e-05
132	22	-4.30e-04	2.34e-03	-1.74e-03	2.98e-05	-2.92e-04	-9.85e-06
132	31	-3.90e-04	1.67e-03	-1.27e-03	2.27e-05	-2.32e-04	-7.59e-06
132	36	-3.30e-04	1.76e-03	-1.31e-03	2.23e-05	-2.17e-04	-7.26e-06
132	37	-3.60e-04	1.59e-03	-1.21e-03	2.04e-05	-2.03e-04	-6.44e-06
133	8	0.01	1.30e-03	-1.62e-03	1.91e-06	-8.97e-05	-1.16e-04
133	22	0.01	1.32e-03	-1.63e-03	1.79e-06	-8.37e-05	-1.11e-04
133	32	0.01	9.83e-04	-1.22e-03	1.42e-06	-6.64e-05	-8.63e-05
133	36	0.01	1.00e-03	-1.23e-03	1.33e-06	-6.24e-05	-8.29e-05
133	37	9.41e-03	9.12e-04	-1.14e-03	1.24e-06	-5.82e-05	-7.59e-05
134	8	0.02	8.76e-04	-1.54e-03	0.0	1.46e-05	-1.21e-04
134	22	0.01	8.98e-04	-1.55e-03	0.0	1.35e-05	-1.16e-04
134	32	0.01	6.64e-04	-1.17e-03	0.0	1.07e-05	-9.02e-05
134	36	0.01	6.79e-04	-1.17e-03	0.0	9.98e-06	-8.66e-05
134	37	0.01	6.22e-04	-1.08e-03	0.0	9.11e-06	-7.94e-05
135	8	0.01	5.69e-04	-1.36e-03	-1.83e-06	8.59e-05	-1.02e-04
135	22	0.01	5.88e-04	-1.37e-03	-1.71e-06	8.01e-05	-9.79e-05
135	32	0.01	4.33e-04	-1.03e-03	-1.35e-06	6.35e-05	-7.61e-05
135	36	9.61e-03	4.45e-04	-1.04e-03	-1.27e-06	5.96e-05	-7.30e-05
135	37	8.92e-03	4.11e-04	-9.56e-04	-1.18e-06	5.53e-05	-6.70e-05
136	8	9.86e-03	3.32e-04	-1.09e-03	-2.56e-06	1.20e-04	-7.22e-05

136	21	8.61e-03	3.47e-04	-1.08e-03	-2.24e-06	1.05e-04	-6.53e-05
136	22	9.19e-03	3.47e-04	-1.10e-03	-2.39e-06	1.12e-04	-6.89e-05
136	32	7.29e-03	2.54e-04	-8.25e-04	-1.89e-06	8.87e-05	-5.36e-05
136	35	6.46e-03	2.64e-04	-8.15e-04	-1.68e-06	7.86e-05	-4.90e-05
136	36	6.85e-03	2.64e-04	-8.30e-04	-1.78e-06	8.34e-05	-5.14e-05
136	37	6.36e-03	2.45e-04	-7.67e-04	-1.65e-06	7.74e-05	-4.72e-05
137	8	5.31e-03	1.45e-04	-7.61e-04	-2.49e-06	1.17e-04	-3.98e-05
137	21	4.64e-03	1.60e-04	-7.51e-04	-2.17e-06	1.02e-04	-3.60e-05
137	22	4.96e-03	1.56e-04	-7.66e-04	-2.32e-06	1.09e-04	-3.80e-05
137	32	3.93e-03	1.12e-04	-5.76e-04	-1.84e-06	8.62e-05	-2.95e-05
137	35	3.48e-03	1.22e-04	-5.68e-04	-1.63e-06	7.64e-05	-2.70e-05
137	36	3.69e-03	1.20e-04	-5.79e-04	-1.73e-06	8.10e-05	-2.83e-05
137	37	3.43e-03	1.12e-04	-5.36e-04	-1.60e-06	7.52e-05	-2.60e-05
138	8	1.58e-03	2.10e-05	-3.94e-04	-1.62e-06	7.60e-05	-1.31e-05
138	21	1.38e-03	3.20e-05	-3.89e-04	-1.42e-06	6.64e-05	-1.19e-05
138	22	1.47e-03	2.81e-05	-3.97e-04	-1.51e-06	7.09e-05	-1.25e-05
138	32	1.17e-03	1.78e-05	-2.98e-04	-1.20e-06	5.62e-05	-9.76e-06
138	35	1.03e-03	2.51e-05	-2.94e-04	-1.06e-06	4.98e-05	-8.92e-06
138	36	1.10e-03	2.26e-05	-3.00e-04	-1.13e-06	5.28e-05	-9.36e-06
138	37	1.02e-03	2.21e-05	-2.78e-04	-1.05e-06	4.90e-05	-8.59e-06
139	1	0.0	0.0	0.0	0.0	0.0	0.0
139	25	0.0	0.0	0.0	0.0	0.0	0.0
139	37	0.0	0.0	0.0	0.0	0.0	0.0
140	8	0.01	1.91e-03	-2.33e-03	-7.23e-05	-2.77e-04	-9.97e-05
140	22	0.01	1.93e-03	-2.34e-03	-6.94e-05	-2.60e-04	-9.47e-05
140	32	9.96e-03	1.44e-03	-1.76e-03	-5.37e-05	-2.05e-04	-7.39e-05
140	36	9.39e-03	1.45e-03	-1.76e-03	-5.19e-05	-1.94e-04	-7.06e-05
140	37	8.67e-03	1.32e-03	-1.62e-03	-4.76e-05	-1.80e-04	-6.47e-05
141	8	5.44e-04	2.80e-03	-2.34e-03	3.42e-05	-4.45e-04	-1.73e-05
141	22	4.90e-04	2.81e-03	-2.35e-03	3.21e-05	-4.18e-04	-1.58e-05
141	32	3.85e-04	2.10e-03	-1.77e-03	2.54e-05	-3.29e-04	-1.27e-05
141	36	3.49e-04	2.11e-03	-1.77e-03	2.39e-05	-3.11e-04	-1.17e-05
141	37	2.74e-04	1.92e-03	-1.63e-03	2.22e-05	-2.89e-04	-1.06e-05
142	8	0.02	1.21e-03	-2.32e-03	-9.75e-06	-9.84e-05	-1.47e-04
142	22	0.02	1.22e-03	-2.33e-03	-9.49e-06	-9.24e-05	-1.40e-04
142	32	0.01	9.13e-04	-1.75e-03	-7.28e-06	-7.30e-05	-1.09e-04
142	36	0.01	9.23e-04	-1.75e-03	-7.10e-06	-6.90e-05	-1.05e-04
142	37	0.01	8.47e-04	-1.61e-03	-6.51e-06	-6.42e-05	-9.62e-05
143	8	0.02	8.34e-04	-2.11e-03	1.41e-05	3.69e-05	-1.44e-04
143	22	0.02	8.49e-04	-2.12e-03	1.35e-05	3.46e-05	-1.37e-04
143	32	0.02	6.32e-04	-1.59e-03	1.05e-05	2.72e-05	-1.07e-04
143	36	0.01	6.42e-04	-1.60e-03	1.00e-05	2.57e-05	-1.02e-04
143	37	0.01	5.92e-04	-1.47e-03	9.21e-06	2.36e-05	-9.40e-05
144	8	0.02	5.83e-04	-1.77e-03	2.27e-05	1.21e-04	-1.17e-04
144	22	0.02	5.97e-04	-1.78e-03	2.17e-05	1.13e-04	-1.12e-04
144	32	0.01	4.43e-04	-1.34e-03	1.69e-05	8.93e-05	-8.69e-05
144	36	0.01	4.52e-04	-1.34e-03	1.62e-05	8.43e-05	-8.33e-05
144	37	0.01	4.19e-04	-1.23e-03	1.48e-05	7.80e-05	-7.65e-05
145	8	0.01	3.71e-04	-1.36e-03	2.49e-05	1.58e-04	-8.15e-05
145	22	0.01	3.84e-04	-1.37e-03	2.38e-05	1.48e-04	-7.77e-05
145	32	9.28e-03	2.83e-04	-1.03e-03	1.85e-05	1.17e-04	-6.05e-05
145	36	8.76e-03	2.92e-04	-1.03e-03	1.78e-05	1.10e-04	-5.80e-05
145	37	8.11e-03	2.71e-04	-9.49e-04	1.63e-05	1.02e-04	-5.33e-05
146	8	6.76e-03	1.86e-04	-9.21e-04	2.29e-05	1.50e-04	-4.54e-05
146	21	5.95e-03	1.99e-04	-9.04e-04	2.08e-05	1.32e-04	-4.10e-05
146	22	6.34e-03	1.97e-04	-9.25e-04	2.19e-05	1.41e-04	-4.33e-05
146	32	5.00e-03	1.43e-04	-6.95e-04	1.70e-05	1.11e-04	-3.37e-05
146	35	4.46e-03	1.52e-04	-6.84e-04	1.56e-05	9.92e-05	-3.08e-05
146	36	4.72e-03	1.50e-04	-6.98e-04	1.64e-05	1.05e-04	-3.23e-05
146	37	4.37e-03	1.41e-04	-6.43e-04	1.50e-05	9.72e-05	-2.97e-05
147	8	2.03e-03	4.60e-05	-4.64e-04	1.59e-05	9.83e-05	-1.56e-05
147	21	1.79e-03	5.56e-05	-4.56e-04	1.44e-05	8.66e-05	-1.40e-05
147	22	1.90e-03	5.26e-05	-4.66e-04	1.52e-05	9.22e-05	-1.48e-05
147	32	1.50e-03	3.65e-05	-3.50e-04	1.18e-05	7.28e-05	-1.16e-05
147	35	1.34e-03	4.30e-05	-3.45e-04	1.08e-05	6.50e-05	-1.05e-05
147	36	1.42e-03	4.10e-05	-3.52e-04	1.14e-05	6.87e-05	-1.11e-05
147	37	1.31e-03	3.91e-05	-3.25e-04	1.04e-05	6.36e-05	-1.02e-05
148	1	0.0	0.0	0.0	0.0	0.0	0.0
148	25	0.0	0.0	0.0	0.0	0.0	0.0
148	37	0.0	0.0	0.0	0.0	0.0	0.0
149	8	0.02	1.59e-03	-3.88e-03	1.07e-04	-3.50e-04	-1.40e-04
149	22	0.02	1.59e-03	-3.87e-03	1.02e-04	-3.31e-04	-1.32e-04
149	32	0.01	1.20e-03	-2.92e-03	7.92e-05	-2.60e-04	-1.03e-04
149	36	0.01	1.20e-03	-2.91e-03	7.62e-05	-2.47e-04	-9.87e-05
149	37	0.01	1.10e-03	-2.66e-03	7.00e-05	-2.29e-04	-9.08e-05
150	8	2.10e-03	3.46e-03	-3.88e-03	1.17e-06	-6.81e-04	-2.12e-05
150	22	1.92e-03	3.46e-03	-3.86e-03	-5.19e-06	-6.45e-04	-1.93e-05

150	32	1.53e-03	2.59e-03	-2.91e-03	0.0	-5.05e-04	-1.56e-05
150	36	1.41e-03	2.60e-03	-2.90e-03	-4.14e-06	-4.81e-04	-1.43e-05
150	37	1.25e-03	2.35e-03	-2.65e-03	-1.14e-06	-4.44e-04	-1.31e-05
151	8	0.03	1.12e-03	-3.43e-03	0.0	-8.96e-05	-1.78e-04
151	22	0.03	1.13e-03	-3.42e-03	0.0	-8.44e-05	-1.69e-04
151	32	0.02	8.46e-04	-2.58e-03	0.0	-6.64e-05	-1.32e-04
151	36	0.02	8.50e-04	-2.57e-03	0.0	-6.30e-05	-1.26e-04
151	37	0.02	7.85e-04	-2.35e-03	0.0	-5.86e-05	-1.16e-04
152	8	0.03	8.98e-04	-2.79e-03	-2.21e-05	6.94e-05	-1.62e-04
152	22	0.03	9.06e-04	-2.79e-03	-2.10e-05	6.55e-05	-1.54e-04
152	32	0.02	6.79e-04	-2.10e-03	-1.64e-05	5.14e-05	-1.20e-04
152	36	0.02	6.85e-04	-2.10e-03	-1.57e-05	4.87e-05	-1.15e-04
152	37	0.02	6.33e-04	-1.92e-03	-1.44e-05	4.48e-05	-1.06e-04
153	8	0.02	6.96e-04	-2.18e-03	-3.11e-05	1.60e-04	-1.28e-04
153	22	0.02	7.05e-04	-2.19e-03	-2.95e-05	1.51e-04	-1.22e-04
153	32	0.02	5.27e-04	-1.64e-03	-2.31e-05	1.19e-04	-9.47e-05
153	36	0.02	5.33e-04	-1.65e-03	-2.20e-05	1.12e-04	-9.07e-05
153	37	0.01	4.94e-04	-1.51e-03	-2.03e-05	1.04e-04	-8.34e-05
154	8	0.02	4.88e-04	-1.61e-03	-3.33e-05	1.97e-04	-8.75e-05
154	22	0.01	4.98e-04	-1.62e-03	-3.17e-05	1.85e-04	-8.34e-05
154	32	0.01	3.71e-04	-1.22e-03	-2.47e-05	1.46e-04	-6.49e-05
154	36	0.01	3.77e-04	-1.22e-03	-2.36e-05	1.38e-04	-6.22e-05
154	37	0.01	3.50e-04	-1.12e-03	-2.17e-05	1.28e-04	-5.71e-05
155	8	8.34e-03	2.88e-04	-1.07e-03	-3.00e-05	1.84e-04	-4.84e-05
155	22	7.85e-03	2.97e-04	-1.07e-03	-2.85e-05	1.73e-04	-4.62e-05
155	32	6.18e-03	2.19e-04	-8.05e-04	-2.23e-05	1.37e-04	-3.59e-05
155	36	5.85e-03	2.25e-04	-8.08e-04	-2.13e-05	1.29e-04	-3.45e-05
155	37	5.41e-03	2.10e-04	-7.43e-04	-1.96e-05	1.20e-04	-3.17e-05
156	8	2.56e-03	1.12e-04	-5.28e-04	-1.98e-05	1.21e-04	-1.70e-05
156	21	2.27e-03	1.19e-04	-5.20e-04	-1.79e-05	1.08e-04	-1.54e-05
156	22	2.41e-03	1.18e-04	-5.31e-04	-1.89e-05	1.14e-04	-1.62e-05
156	32	1.90e-03	8.60e-05	-3.99e-04	-1.47e-05	9.00e-05	-1.26e-05
156	35	1.70e-03	9.04e-05	-3.93e-04	-1.34e-05	8.07e-05	-1.15e-05
156	36	1.80e-03	8.99e-05	-4.01e-04	-1.41e-05	8.52e-05	-1.21e-05
156	37	1.66e-03	8.40e-05	-3.69e-04	-1.29e-05	7.88e-05	-1.11e-05
157	1	0.0	0.0	0.0	0.0	0.0	0.0
157	25	0.0	0.0	0.0	0.0	0.0	0.0
157	37	0.0	0.0	0.0	0.0	0.0	0.0
158	8	0.03	1.73e-03	-6.08e-03	8.30e-06	-3.89e-04	-2.28e-04
158	32	0.02	1.30e-03	-4.56e-03	6.15e-06	-2.89e-04	-1.69e-04
158	37	0.02	1.19e-03	-4.13e-03	5.42e-06	-2.54e-04	-1.49e-04
159	8	0.03	1.39e-03	-4.24e-03	1.35e-06	-6.32e-05	-2.16e-04
159	32	0.03	1.04e-03	-3.18e-03	0.0	-4.69e-05	-1.61e-04
159	37	0.02	9.60e-04	-2.89e-03	0.0	-4.15e-05	-1.41e-04
160	8	0.03	1.16e-03	-3.18e-03	-2.23e-06	1.05e-04	-1.82e-04
160	32	0.02	8.71e-04	-2.39e-03	-1.65e-06	7.75e-05	-1.35e-04
160	37	0.02	8.04e-04	-2.19e-03	-1.44e-06	6.77e-05	-1.19e-04
161	8	0.03	9.15e-04	-2.39e-03	-4.19e-06	1.97e-04	-1.37e-04
161	22	0.03	9.18e-04	-2.40e-03	-3.95e-06	1.86e-04	-1.31e-04
161	32	0.02	6.91e-04	-1.80e-03	-3.11e-06	1.46e-04	-1.02e-04
161	36	0.02	6.93e-04	-1.81e-03	-2.95e-06	1.38e-04	-9.74e-05
161	37	0.02	6.40e-04	-1.66e-03	-2.72e-06	1.28e-04	-8.95e-05
162	8	0.02	6.68e-04	-1.74e-03	-4.93e-06	2.31e-04	-8.89e-05
162	22	0.02	6.74e-04	-1.75e-03	-4.64e-06	2.18e-04	-8.47e-05
162	32	0.01	5.05e-04	-1.31e-03	-3.65e-06	1.71e-04	-6.60e-05
162	36	0.01	5.09e-04	-1.32e-03	-3.46e-06	1.62e-04	-6.32e-05
162	37	0.01	4.70e-04	-1.21e-03	-3.20e-06	1.50e-04	-5.81e-05
163	8	9.87e-03	4.33e-04	-1.15e-03	-4.54e-06	2.13e-04	-4.30e-05
163	22	9.31e-03	4.40e-04	-1.16e-03	-4.28e-06	2.01e-04	-4.11e-05
163	32	7.31e-03	3.28e-04	-8.71e-04	-3.36e-06	1.58e-04	-3.19e-05
163	36	6.94e-03	3.33e-04	-8.79e-04	-3.19e-06	1.50e-04	-3.06e-05
163	37	6.41e-03	3.08e-04	-8.08e-04	-2.95e-06	1.38e-04	-2.81e-05
164	8	2.99e-03	2.25e-04	-5.98e-04	-2.98e-06	1.40e-04	-6.38e-06
164	22	2.82e-03	2.31e-04	-6.07e-04	-2.81e-06	1.32e-04	-6.25e-06
164	32	2.21e-03	1.71e-04	-4.53e-04	-2.21e-06	1.04e-04	-4.76e-06
164	36	2.10e-03	1.75e-04	-4.59e-04	-2.09e-06	9.82e-05	-4.68e-06
164	37	1.94e-03	1.62e-04	-4.23e-04	-1.93e-06	9.07e-05	-4.24e-06
165	7	0.07	-2.24e-03	-9.86e-03	2.73e-06	-6.79e-04	3.44e-04
165	8	0.07	-2.24e-03	-9.86e-03	2.73e-06	-6.79e-04	3.44e-04
165	31	0.05	-1.64e-03	-7.29e-03	2.01e-06	-4.99e-04	2.53e-04
165	32	0.05	-1.64e-03	-7.29e-03	2.01e-06	-4.99e-04	2.53e-04
165	37	0.05	-1.38e-03	-6.38e-03	1.72e-06	-4.28e-04	2.16e-04
166	7	0.07	-2.30e-03	-6.83e-03	1.25e-06	-3.92e-04	2.43e-04
166	8	0.07	-2.30e-03	-6.82e-03	1.25e-06	-3.92e-04	2.43e-04
166	31	0.05	-1.68e-03	-5.05e-03	0.0	-2.88e-04	1.79e-04
166	32	0.05	-1.68e-03	-5.05e-03	0.0	-2.88e-04	1.79e-04
166	37	0.04	-1.42e-03	-4.44e-03	0.0	-2.47e-04	1.53e-04

167	7	0.03	-6.97e-03	-8.51e-03	0.0	-1.02e-03	-7.17e-05
167	8	0.03	-6.96e-03	-8.51e-03	0.0	-1.02e-03	-7.17e-05
167	31	0.03	-5.13e-03	-6.29e-03	0.0	-7.48e-04	-5.28e-05
167	32	0.03	-5.13e-03	-6.29e-03	0.0	-7.48e-04	-5.28e-05
167	37	0.02	-4.41e-03	-5.51e-03	0.0	-6.42e-04	-4.56e-05
168	7	0.09	-1.49e-03	-6.89e-03	0.0	-1.62e-05	3.26e-04
168	8	0.09	-1.49e-03	-6.89e-03	0.0	-1.61e-05	3.26e-04
168	31	0.06	-1.09e-03	-5.09e-03	0.0	-1.19e-05	2.40e-04
168	32	0.06	-1.09e-03	-5.09e-03	0.0	-1.19e-05	2.40e-04
168	37	0.05	-9.20e-04	-4.47e-03	0.0	-1.04e-05	2.05e-04
169	7	0.07	-1.27e-03	-5.69e-03	0.0	-1.53e-06	2.73e-04
169	8	0.07	-1.27e-03	-5.69e-03	0.0	-1.45e-06	2.73e-04
169	31	0.06	-9.29e-04	-4.21e-03	0.0	-1.19e-06	2.00e-04
169	32	0.06	-9.29e-04	-4.21e-03	0.0	-1.14e-06	2.00e-04
169	37	0.05	-7.83e-04	-3.71e-03	0.0	-1.24e-06	1.71e-04
170	7	0.08	-9.87e-04	-5.22e-03	0.0	2.37e-04	2.62e-04
170	8	0.08	-9.86e-04	-5.22e-03	0.0	2.37e-04	2.62e-04
170	31	0.06	-7.24e-04	-3.86e-03	0.0	1.74e-04	1.92e-04
170	32	0.06	-7.23e-04	-3.86e-03	0.0	1.74e-04	1.92e-04
170	37	0.05	-6.15e-04	-3.40e-03	0.0	1.49e-04	1.64e-04
171	7	0.07	-8.21e-04	-4.55e-03	0.0	2.14e-04	2.30e-04
171	8	0.07	-8.21e-04	-4.55e-03	0.0	2.14e-04	2.30e-04
171	31	0.05	-6.02e-04	-3.37e-03	0.0	1.57e-04	1.69e-04
171	32	0.05	-6.01e-04	-3.37e-03	0.0	1.57e-04	1.69e-04
171	37	0.04	-5.09e-04	-2.98e-03	0.0	1.35e-04	1.44e-04
172	7	0.06	-7.09e-04	-3.98e-03	-1.45e-06	3.60e-04	1.87e-04
172	8	0.06	-7.09e-04	-3.98e-03	-1.45e-06	3.61e-04	1.87e-04
172	31	0.05	-5.21e-04	-2.95e-03	-1.07e-06	2.65e-04	1.37e-04
172	32	0.05	-5.21e-04	-2.95e-03	-1.07e-06	2.65e-04	1.37e-04
172	37	0.04	-4.47e-04	-2.60e-03	0.0	2.27e-04	1.17e-04
173	7	0.05	-5.70e-04	-3.56e-03	-1.17e-06	3.26e-04	1.69e-04
173	8	0.05	-5.70e-04	-3.56e-03	-1.17e-06	3.26e-04	1.69e-04
173	31	0.04	-4.18e-04	-2.64e-03	0.0	2.39e-04	1.24e-04
173	32	0.04	-4.18e-04	-2.64e-03	0.0	2.40e-04	1.24e-04
173	37	0.03	-3.57e-04	-2.34e-03	0.0	2.05e-04	1.06e-04
174	7	0.04	-5.43e-04	-2.93e-03	-1.59e-06	3.95e-04	1.15e-04
174	8	0.04	-5.43e-04	-2.93e-03	-1.59e-06	3.96e-04	1.14e-04
174	31	0.03	-4.01e-04	-2.17e-03	-1.17e-06	2.91e-04	8.40e-05
174	32	0.03	-4.01e-04	-2.17e-03	-1.17e-06	2.91e-04	8.40e-05
174	37	0.03	-3.49e-04	-1.92e-03	-1.00e-06	2.49e-04	7.15e-05
175	7	0.04	-4.11e-04	-2.65e-03	-1.32e-06	3.59e-04	1.09e-04
175	8	0.04	-4.11e-04	-2.65e-03	-1.32e-06	3.59e-04	1.09e-04
175	31	0.03	-3.03e-04	-1.96e-03	0.0	2.64e-04	7.97e-05
175	32	0.03	-3.03e-04	-1.96e-03	0.0	2.64e-04	7.97e-05
175	37	0.02	-2.62e-04	-1.74e-03	0.0	2.26e-04	6.78e-05
176	7	0.02	-4.27e-04	-1.97e-03	-1.41e-06	3.50e-04	5.03e-05
176	8	0.02	-4.27e-04	-1.97e-03	-1.41e-06	3.50e-04	5.03e-05
176	31	0.02	-3.16e-04	-1.46e-03	-1.04e-06	2.58e-04	3.69e-05
176	32	0.02	-3.16e-04	-1.46e-03	-1.04e-06	2.58e-04	3.69e-05
176	37	0.01	-2.79e-04	-1.30e-03	0.0	2.21e-04	3.13e-05
177	7	0.02	-2.93e-04	-1.77e-03	-1.18e-06	3.18e-04	5.60e-05
177	8	0.02	-2.93e-04	-1.77e-03	-1.18e-06	3.18e-04	5.60e-05
177	31	0.01	-2.17e-04	-1.31e-03	0.0	2.34e-04	4.11e-05
177	32	0.01	-2.17e-04	-1.31e-03	0.0	2.34e-04	4.11e-05
177	37	0.01	-1.91e-04	-1.17e-03	0.0	2.01e-04	3.49e-05
178	7	6.38e-03	-3.05e-04	-1.04e-03	0.0	2.22e-04	2.99e-06
178	8	6.38e-03	-3.05e-04	-1.04e-03	0.0	2.22e-04	2.99e-06
178	31	4.69e-03	-2.26e-04	-7.72e-04	0.0	1.63e-04	2.16e-06
178	32	4.69e-03	-2.26e-04	-7.72e-04	0.0	1.64e-04	2.15e-06
178	37	4.02e-03	-2.02e-04	-6.87e-04	0.0	1.40e-04	1.71e-06
179	7	5.71e-03	-1.68e-04	-8.86e-04	0.0	2.01e-04	1.75e-05
179	8	5.71e-03	-1.68e-04	-8.86e-04	0.0	2.01e-04	1.75e-05
179	31	4.20e-03	-1.25e-04	-6.59e-04	0.0	1.48e-04	1.28e-05
179	32	4.20e-03	-1.25e-04	-6.59e-04	0.0	1.48e-04	1.28e-05
179	37	3.60e-03	-1.11e-04	-5.88e-04	0.0	1.27e-04	1.09e-05
180	1	0.0	0.0	0.0	0.0	0.0	0.0
180	25	0.0	0.0	0.0	0.0	0.0	0.0
180	37	0.0	0.0	0.0	0.0	0.0	0.0
181	7	0.06	-2.48e-03	-4.57e-03	0.0	-2.36e-04	2.03e-04
181	8	0.06	-2.48e-03	-4.57e-03	0.0	-2.36e-04	2.03e-04
181	31	0.04	-1.82e-03	-3.39e-03	0.0	-1.74e-04	1.49e-04
181	32	0.04	-1.82e-03	-3.39e-03	0.0	-1.74e-04	1.49e-04
181	37	0.04	-1.55e-03	-3.00e-03	0.0	-1.50e-04	1.27e-04
182	7	0.04	-5.03e-03	-4.65e-03	1.77e-06	-4.39e-04	3.44e-05
182	8	0.04	-5.03e-03	-4.65e-03	1.77e-06	-4.39e-04	3.44e-05
182	31	0.03	-3.70e-03	-3.45e-03	1.30e-06	-3.23e-04	2.52e-05
182	32	0.03	-3.70e-03	-3.45e-03	1.30e-06	-3.23e-04	2.52e-05

182	37	0.03	-3.17e-03	-3.05e-03	1.12e-06	-2.77e-04	2.12e-05
183	7	0.06	-1.31e-03	-4.26e-03	0.0	1.25e-05	2.34e-04
183	8	0.06	-1.30e-03	-4.26e-03	0.0	1.25e-05	2.34e-04
183	31	0.05	-9.56e-04	-3.16e-03	0.0	9.08e-06	1.71e-04
183	32	0.05	-9.55e-04	-3.16e-03	0.0	9.13e-06	1.71e-04
183	37	0.04	-8.08e-04	-2.81e-03	0.0	7.49e-06	1.46e-04
184	7	0.06	-7.82e-04	-3.68e-03	0.0	1.85e-04	1.98e-04
184	8	0.06	-7.81e-04	-3.68e-03	0.0	1.85e-04	1.98e-04
184	31	0.04	-5.72e-04	-2.73e-03	0.0	1.36e-04	1.45e-04
184	32	0.04	-5.72e-04	-2.73e-03	0.0	1.36e-04	1.45e-04
184	37	0.04	-4.83e-04	-2.43e-03	0.0	1.17e-04	1.24e-04
185	7	0.05	-4.99e-04	-3.00e-03	-1.15e-06	2.85e-04	1.46e-04
185	8	0.05	-4.99e-04	-3.00e-03	-1.15e-06	2.85e-04	1.46e-04
185	31	0.03	-3.66e-04	-2.23e-03	0.0	2.10e-04	1.07e-04
185	32	0.03	-3.66e-04	-2.23e-03	0.0	2.10e-04	1.07e-04
185	37	0.03	-3.11e-04	-1.98e-03	0.0	1.80e-04	9.09e-05
186	7	0.03	-3.21e-04	-2.28e-03	-1.28e-06	3.17e-04	9.45e-05
186	8	0.03	-3.21e-04	-2.28e-03	-1.28e-06	3.17e-04	9.45e-05
186	31	0.02	-2.36e-04	-1.69e-03	0.0	2.33e-04	6.93e-05
186	32	0.02	-2.36e-04	-1.69e-03	0.0	2.33e-04	6.93e-05
186	37	0.02	-2.03e-04	-1.51e-03	0.0	2.00e-04	5.88e-05
187	7	0.02	-1.91e-04	-1.53e-03	-1.13e-06	2.82e-04	5.04e-05
187	8	0.02	-1.91e-04	-1.53e-03	-1.13e-06	2.82e-04	5.04e-05
187	31	0.01	-1.41e-04	-1.14e-03	0.0	2.07e-04	3.69e-05
187	32	0.01	-1.41e-04	-1.14e-03	0.0	2.07e-04	3.69e-05
187	37	0.01	-1.24e-04	-1.02e-03	0.0	1.78e-04	3.13e-05
188	7	4.83e-03	-8.12e-05	-7.69e-04	0.0	1.77e-04	1.68e-05
188	8	4.83e-03	-8.12e-05	-7.69e-04	0.0	1.77e-04	1.68e-05
188	31	3.55e-03	-6.04e-05	-5.72e-04	0.0	1.30e-04	1.23e-05
188	32	3.55e-03	-6.04e-05	-5.72e-04	0.0	1.30e-04	1.23e-05
188	37	3.05e-03	-5.40e-05	-5.13e-04	0.0	1.12e-04	1.05e-05
189	1	0.0	0.0	0.0	0.0	0.0	0.0
189	25	0.0	0.0	0.0	0.0	0.0	0.0
189	37	0.0	0.0	0.0	0.0	0.0	0.0
190	7	0.05	-2.44e-03	-3.21e-03	0.0	-1.40e-04	1.67e-04
190	8	0.05	-2.44e-03	-3.21e-03	0.0	-1.40e-04	1.67e-04
190	31	0.04	-1.79e-03	-2.39e-03	0.0	-1.03e-04	1.22e-04
190	32	0.04	-1.79e-03	-2.39e-03	0.0	-1.03e-04	1.22e-04
190	37	0.03	-1.53e-03	-2.14e-03	0.0	-8.90e-05	1.04e-04
191	7	0.04	-3.98e-03	-3.24e-03	1.23e-06	-2.37e-04	8.07e-05
191	8	0.04	-3.98e-03	-3.24e-03	1.23e-06	-2.37e-04	8.06e-05
191	31	0.03	-2.92e-03	-2.41e-03	0.0	-1.75e-04	5.92e-05
191	32	0.03	-2.92e-03	-2.41e-03	0.0	-1.75e-04	5.91e-05
191	37	0.03	-2.50e-03	-2.16e-03	0.0	-1.50e-04	5.03e-05
192	7	0.06	-1.41e-03	-3.14e-03	0.0	2.20e-05	1.85e-04
192	8	0.06	-1.41e-03	-3.14e-03	0.0	2.21e-05	1.85e-04
192	31	0.04	-1.04e-03	-2.34e-03	0.0	1.61e-05	1.36e-04
192	32	0.04	-1.04e-03	-2.34e-03	0.0	1.61e-05	1.36e-04
192	37	0.04	-8.78e-04	-2.09e-03	0.0	1.34e-05	1.16e-04
193	7	0.05	-8.40e-04	-2.87e-03	0.0	1.61e-04	1.56e-04
193	8	0.05	-8.39e-04	-2.87e-03	0.0	1.61e-04	1.56e-04
193	31	0.04	-6.15e-04	-2.13e-03	0.0	1.18e-04	1.15e-04
193	32	0.04	-6.15e-04	-2.13e-03	0.0	1.18e-04	1.15e-04
193	37	0.03	-5.20e-04	-1.91e-03	0.0	1.01e-04	9.72e-05
194	7	0.04	-5.03e-04	-2.43e-03	-1.11e-06	2.50e-04	1.14e-04
194	8	0.04	-5.02e-04	-2.43e-03	-1.11e-06	2.50e-04	1.14e-04
194	31	0.03	-3.68e-04	-1.81e-03	0.0	1.84e-04	8.33e-05
194	32	0.03	-3.68e-04	-1.81e-03	0.0	1.84e-04	8.33e-05
194	37	0.03	-3.12e-04	-1.63e-03	0.0	1.58e-04	7.05e-05
195	7	0.03	-2.85e-04	-1.90e-03	-1.23e-06	2.82e-04	7.27e-05
195	8	0.03	-2.85e-04	-1.90e-03	-1.23e-06	2.82e-04	7.27e-05
195	31	0.02	-2.09e-04	-1.41e-03	0.0	2.07e-04	5.32e-05
195	32	0.02	-2.09e-04	-1.41e-03	0.0	2.07e-04	5.32e-05
195	37	0.02	-1.78e-04	-1.27e-03	0.0	1.78e-04	4.49e-05
196	7	0.01	-1.36e-04	-1.30e-03	-1.08e-06	2.51e-04	3.81e-05
196	8	0.01	-1.35e-04	-1.30e-03	-1.08e-06	2.51e-04	3.81e-05
196	31	0.01	-9.98e-05	-9.68e-04	0.0	1.84e-04	2.79e-05
196	32	0.01	-9.97e-05	-9.68e-04	0.0	1.84e-04	2.79e-05
196	37	9.09e-03	-8.60e-05	-8.72e-04	0.0	1.59e-04	2.35e-05
197	7	4.11e-03	-3.59e-05	-6.61e-04	0.0	1.56e-04	1.23e-05
197	8	4.11e-03	-3.59e-05	-6.61e-04	0.0	1.56e-04	1.23e-05
197	31	3.03e-03	-2.67e-05	-4.93e-04	0.0	1.14e-04	8.97e-06
197	32	3.03e-03	-2.66e-05	-4.93e-04	0.0	1.15e-04	8.97e-06
197	37	2.60e-03	-2.37e-05	-4.45e-04	0.0	9.85e-05	7.57e-06
198	1	0.0	0.0	0.0	0.0	0.0	0.0
198	25	0.0	0.0	0.0	0.0	0.0	0.0
198	37	0.0	0.0	0.0	0.0	0.0	0.0

199	7	0.05	-2.32e-03	-2.39e-03	0.0	-8.92e-05	1.34e-04
199	8	0.05	-2.32e-03	-2.39e-03	0.0	-8.92e-05	1.34e-04
199	31	0.04	-1.70e-03	-1.78e-03	0.0	-6.59e-05	9.85e-05
199	32	0.04	-1.70e-03	-1.78e-03	0.0	-6.58e-05	9.85e-05
199	37	0.03	-1.45e-03	-1.62e-03	0.0	-5.74e-05	8.37e-05
200	7	0.04	-3.33e-03	-2.42e-03	0.0	-1.45e-04	9.88e-05
200	8	0.04	-3.33e-03	-2.42e-03	0.0	-1.45e-04	9.87e-05
200	31	0.03	-2.44e-03	-1.81e-03	0.0	-1.07e-04	7.25e-05
200	32	0.03	-2.44e-03	-1.81e-03	0.0	-1.07e-04	7.25e-05
200	37	0.03	-2.09e-03	-1.64e-03	0.0	-9.27e-05	6.17e-05
201	7	0.05	-1.50e-03	-2.36e-03	0.0	2.51e-05	1.34e-04
201	8	0.05	-1.50e-03	-2.36e-03	0.0	2.52e-05	1.34e-04
201	31	0.04	-1.10e-03	-1.76e-03	0.0	1.83e-05	9.80e-05
201	32	0.04	-1.10e-03	-1.76e-03	0.0	1.84e-05	9.80e-05
201	37	0.03	-9.33e-04	-1.60e-03	0.0	1.52e-05	8.28e-05
202	7	0.05	-9.35e-04	-2.23e-03	0.0	1.41e-04	1.07e-04
202	8	0.05	-9.35e-04	-2.23e-03	0.0	1.41e-04	1.07e-04
202	31	0.03	-6.85e-04	-1.66e-03	0.0	1.04e-04	7.81e-05
202	32	0.03	-6.85e-04	-1.66e-03	0.0	1.04e-04	7.81e-05
202	37	0.03	-5.80e-04	-1.51e-03	0.0	8.88e-05	6.56e-05
203	7	0.04	-5.55e-04	-1.95e-03	0.0	2.24e-04	7.41e-05
203	8	0.04	-5.55e-04	-1.95e-03	0.0	2.24e-04	7.41e-05
203	31	0.03	-4.06e-04	-1.46e-03	0.0	1.64e-04	5.41e-05
203	32	0.03	-4.06e-04	-1.46e-03	0.0	1.65e-04	5.41e-05
203	37	0.02	-3.44e-04	-1.32e-03	0.0	1.42e-04	4.52e-05
204	7	0.02	-2.94e-04	-1.56e-03	0.0	2.55e-04	4.53e-05
204	8	0.02	-2.94e-04	-1.56e-03	0.0	2.55e-04	4.53e-05
204	31	0.02	-2.15e-04	-1.16e-03	0.0	1.88e-04	3.30e-05
204	32	0.02	-2.15e-04	-1.16e-03	0.0	1.88e-04	3.30e-05
204	37	0.02	-1.82e-04	-1.06e-03	0.0	1.62e-04	2.74e-05
205	7	0.01	-1.19e-04	-1.09e-03	0.0	2.28e-04	2.27e-05
205	8	0.01	-1.19e-04	-1.09e-03	0.0	2.28e-04	2.27e-05
205	31	9.36e-03	-8.70e-05	-8.11e-04	0.0	1.68e-04	1.66e-05
205	32	9.36e-03	-8.70e-05	-8.11e-04	0.0	1.68e-04	1.66e-05
205	37	8.08e-03	-7.35e-05	-7.36e-04	0.0	1.44e-04	1.37e-05
206	7	3.61e-03	-1.84e-05	-5.61e-04	0.0	1.40e-04	6.96e-06
206	8	3.61e-03	-1.83e-05	-5.61e-04	0.0	1.40e-04	6.96e-06
206	31	2.66e-03	-1.34e-05	-4.19e-04	0.0	1.03e-04	5.07e-06
206	32	2.66e-03	-1.34e-05	-4.19e-04	0.0	1.03e-04	5.07e-06
206	37	2.29e-03	-1.13e-05	-3.81e-04	0.0	8.90e-05	4.20e-06
207	1	0.0	0.0	0.0	0.0	0.0	0.0
207	25	0.0	0.0	0.0	0.0	0.0	0.0
207	37	0.0	0.0	0.0	0.0	0.0	0.0
208	7	0.04	-2.19e-03	-1.86e-03	-7.60e-06	-7.48e-05	1.03e-04
208	8	0.04	-2.19e-03	-1.86e-03	-7.60e-06	-7.47e-05	1.03e-04
208	31	0.03	-1.61e-03	-1.40e-03	-5.72e-06	-5.54e-05	7.51e-05
208	32	0.03	-1.61e-03	-1.40e-03	-5.71e-06	-5.53e-05	7.51e-05
208	37	0.03	-1.37e-03	-1.29e-03	-5.32e-06	-4.88e-05	6.34e-05
209	7	0.04	-2.88e-03	-1.89e-03	6.88e-06	-1.11e-04	1.04e-04
209	8	0.04	-2.88e-03	-1.89e-03	6.88e-06	-1.10e-04	1.04e-04
209	31	0.03	-2.11e-03	-1.42e-03	4.98e-06	-8.17e-05	7.61e-05
209	32	0.03	-2.11e-03	-1.42e-03	4.98e-06	-8.16e-05	7.61e-05
209	37	0.02	-1.80e-03	-1.31e-03	4.03e-06	-7.14e-05	6.48e-05
210	7	0.04	-1.56e-03	-1.85e-03	-1.79e-05	1.85e-05	8.02e-05
210	8	0.04	-1.56e-03	-1.85e-03	-1.79e-05	1.86e-05	8.01e-05
210	31	0.03	-1.14e-03	-1.39e-03	-1.32e-05	1.34e-05	5.85e-05
210	32	0.03	-1.14e-03	-1.39e-03	-1.32e-05	1.34e-05	5.84e-05
210	37	0.03	-9.71e-04	-1.28e-03	-1.16e-05	1.07e-05	4.86e-05
211	7	0.04	-1.03e-03	-1.77e-03	-1.68e-05	1.25e-04	5.22e-05
211	8	0.04	-1.03e-03	-1.77e-03	-1.68e-05	1.25e-04	5.22e-05
211	31	0.03	-7.57e-04	-1.33e-03	-1.24e-05	9.22e-05	3.78e-05
211	32	0.03	-7.57e-04	-1.33e-03	-1.24e-05	9.23e-05	3.78e-05
211	37	0.03	-6.42e-04	-1.22e-03	-1.06e-05	7.91e-05	3.08e-05
212	7	0.03	-6.25e-04	-1.58e-03	-1.22e-05	2.07e-04	2.98e-05
212	8	0.03	-6.25e-04	-1.58e-03	-1.22e-05	2.07e-04	2.98e-05
212	31	0.02	-4.58e-04	-1.18e-03	-8.88e-06	1.52e-04	2.15e-05
212	32	0.02	-4.58e-04	-1.18e-03	-8.87e-06	1.52e-04	2.15e-05
212	37	0.02	-3.87e-04	-1.08e-03	-7.41e-06	1.31e-04	1.69e-05
213	7	0.02	-3.26e-04	-1.28e-03	-7.96e-06	2.39e-04	1.51e-05
213	8	0.02	-3.26e-04	-1.28e-03	-7.96e-06	2.39e-04	1.50e-05
213	31	0.02	-2.38e-04	-9.60e-04	-5.76e-06	1.76e-04	1.07e-05
213	32	0.02	-2.38e-04	-9.60e-04	-5.76e-06	1.76e-04	1.07e-05
213	37	0.01	-2.01e-04	-8.79e-04	-4.64e-06	1.52e-04	8.10e-06
214	7	0.01	-1.25e-04	-9.04e-04	-4.82e-06	2.14e-04	6.21e-06
214	8	0.01	-1.25e-04	-9.04e-04	-4.82e-06	2.15e-04	6.20e-06
214	31	8.66e-03	-9.13e-05	-6.77e-04	-3.45e-06	1.58e-04	4.38e-06
214	32	8.66e-03	-9.13e-05	-6.77e-04	-3.45e-06	1.58e-04	4.37e-06

214	37	7.50e-03	-7.60e-05	-6.21e-04	-2.66e-06	1.37e-04	3.15e-06
215	7	3.33e-03	-1.67e-05	-4.73e-04	-2.29e-06	1.32e-04	1.56e-06
215	8	3.33e-03	-1.67e-05	-4.73e-04	-2.29e-06	1.32e-04	1.56e-06
215	31	2.45e-03	-1.20e-05	-3.54e-04	-1.62e-06	9.72e-05	1.09e-06
215	32	2.45e-03	-1.19e-05	-3.54e-04	-1.62e-06	9.72e-05	1.09e-06
215	37	2.12e-03	-9.23e-06	-3.25e-04	-1.19e-06	8.41e-05	0.0
216	1	0.0	0.0	0.0	0.0	0.0	0.0
216	25	0.0	0.0	0.0	0.0	0.0	0.0
216	37	0.0	0.0	0.0	0.0	0.0	0.0
217	7	0.04	-2.11e-03	-1.54e-03	3.33e-05	-9.27e-05	6.94e-05
217	8	0.04	-2.11e-03	-1.54e-03	3.33e-05	-9.26e-05	6.93e-05
217	31	0.03	-1.55e-03	-1.16e-03	2.47e-05	-6.87e-05	5.06e-05
217	32	0.03	-1.55e-03	-1.16e-03	2.47e-05	-6.87e-05	5.06e-05
217	37	0.03	-1.32e-03	-1.08e-03	2.18e-05	-6.09e-05	4.23e-05
218	7	0.04	-2.56e-03	-1.56e-03	1.38e-05	-1.19e-04	1.04e-04
218	8	0.04	-2.56e-03	-1.56e-03	1.38e-05	-1.19e-04	1.04e-04
218	31	0.03	-1.88e-03	-1.18e-03	1.03e-05	-8.81e-05	7.64e-05
218	32	0.03	-1.88e-03	-1.18e-03	1.02e-05	-8.80e-05	7.64e-05
218	37	0.02	-1.60e-03	-1.10e-03	9.19e-06	-7.76e-05	6.52e-05
219	7	0.04	-1.61e-03	-1.53e-03	2.50e-05	1.99e-06	2.35e-05
219	8	0.04	-1.61e-03	-1.53e-03	2.50e-05	2.08e-06	2.35e-05
219	31	0.03	-1.18e-03	-1.15e-03	1.85e-05	1.14e-06	1.67e-05
219	32	0.03	-1.18e-03	-1.15e-03	1.85e-05	1.20e-06	1.67e-05
219	37	0.03	-1.00e-03	-1.08e-03	1.62e-05	0.0	1.24e-05
220	7	0.04	-1.12e-03	-1.47e-03	1.07e-05	1.16e-04	-5.04e-06
220	8	0.04	-1.12e-03	-1.47e-03	1.07e-05	1.16e-04	-5.06e-06
220	31	0.03	-8.19e-04	-1.11e-03	7.85e-06	8.52e-05	-4.36e-06
220	32	0.03	-8.19e-04	-1.11e-03	7.85e-06	8.52e-05	-4.38e-06
220	37	0.03	-6.95e-04	-1.03e-03	6.69e-06	7.32e-05	-5.88e-06
221	7	0.03	-6.89e-04	-1.31e-03	1.25e-06	2.02e-04	-1.53e-05
221	8	0.03	-6.88e-04	-1.31e-03	1.25e-06	2.02e-04	-1.54e-05
221	31	0.02	-5.04e-04	-9.87e-04	0.0	1.49e-04	-1.19e-05
221	32	0.02	-5.04e-04	-9.87e-04	0.0	1.49e-04	-1.19e-05
221	37	0.02	-4.26e-04	-9.15e-04	0.0	1.29e-04	-1.20e-05
222	7	0.02	-3.59e-04	-1.07e-03	-3.28e-06	2.36e-04	-1.50e-05
222	8	0.02	-3.59e-04	-1.07e-03	-3.28e-06	2.36e-04	-1.50e-05
222	31	0.02	-2.62e-04	-8.02e-04	-2.53e-06	1.74e-04	-1.15e-05
222	32	0.02	-2.62e-04	-8.02e-04	-2.53e-06	1.74e-04	-1.15e-05
222	37	0.01	-2.20e-04	-7.43e-04	-2.56e-06	1.51e-04	-1.12e-05
223	7	0.01	-1.37e-04	-7.55e-04	-4.89e-06	2.12e-04	-9.89e-06
223	8	0.01	-1.37e-04	-7.55e-04	-4.89e-06	2.12e-04	-9.89e-06
223	31	8.45e-03	-9.97e-05	-5.67e-04	-3.71e-06	1.57e-04	-7.49e-06
223	32	8.46e-03	-9.96e-05	-5.67e-04	-3.71e-06	1.57e-04	-7.50e-06
223	37	7.34e-03	-8.19e-05	-5.26e-04	-3.56e-06	1.36e-04	-7.16e-06
224	7	3.26e-03	-2.00e-05	-3.97e-04	-4.13e-06	1.31e-04	-3.63e-06
224	8	3.26e-03	-2.00e-05	-3.97e-04	-4.13e-06	1.31e-04	-3.64e-06
224	31	2.40e-03	-1.41e-05	-2.98e-04	-3.11e-06	9.66e-05	-2.74e-06
224	32	2.40e-03	-1.41e-05	-2.98e-04	-3.11e-06	9.66e-05	-2.74e-06
224	37	2.09e-03	-1.03e-05	-2.77e-04	-2.92e-06	8.39e-05	-2.58e-06
225	1	0.0	0.0	0.0	0.0	0.0	0.0
225	25	0.0	0.0	0.0	0.0	0.0	0.0
225	37	0.0	0.0	0.0	0.0	0.0	0.0
226	7	0.04	-2.08e-03	-1.38e-03	0.0	-1.46e-04	3.28e-05
226	8	0.04	-2.08e-03	-1.38e-03	0.0	-1.46e-04	3.28e-05
226	31	0.03	-1.53e-03	-1.05e-03	0.0	-1.08e-04	2.37e-05
226	32	0.03	-1.53e-03	-1.05e-03	0.0	-1.08e-04	2.37e-05
226	37	0.02	-1.30e-03	-9.86e-04	0.0	-9.57e-05	1.89e-05
227	7	0.03	-2.34e-03	-1.39e-03	0.0	-1.73e-04	1.08e-04
227	8	0.03	-2.34e-03	-1.39e-03	0.0	-1.73e-04	1.08e-04
227	31	0.02	-1.72e-03	-1.05e-03	0.0	-1.28e-04	7.94e-05
227	32	0.02	-1.71e-03	-1.05e-03	0.0	-1.28e-04	7.93e-05
227	37	0.02	-1.46e-03	-9.94e-04	0.0	-1.13e-04	6.79e-05
228	7	0.04	-1.67e-03	-1.37e-03	0.0	-2.16e-05	-3.82e-05
228	8	0.04	-1.67e-03	-1.37e-03	0.0	-2.15e-05	-3.83e-05
228	31	0.03	-1.23e-03	-1.04e-03	0.0	-1.63e-05	-2.89e-05
228	32	0.03	-1.23e-03	-1.04e-03	0.0	-1.63e-05	-2.89e-05
228	37	0.03	-1.05e-03	-9.75e-04	0.0	-1.54e-05	-2.72e-05
229	7	0.04	-1.18e-03	-1.29e-03	0.0	1.16e-04	-6.17e-05
229	8	0.04	-1.18e-03	-1.29e-03	0.0	1.16e-04	-6.17e-05
229	31	0.03	-8.64e-04	-9.71e-04	0.0	8.52e-05	-4.62e-05
229	32	0.03	-8.64e-04	-9.72e-04	0.0	8.53e-05	-4.62e-05
229	37	0.03	-7.34e-04	-9.13e-04	0.0	7.35e-05	-4.22e-05
230	7	0.03	-7.25e-04	-1.12e-03	0.0	2.10e-04	-5.69e-05
230	8	0.03	-7.25e-04	-1.12e-03	0.0	2.10e-04	-5.69e-05
230	31	0.02	-5.31e-04	-8.46e-04	0.0	1.55e-04	-4.25e-05
230	32	0.02	-5.31e-04	-8.46e-04	0.0	1.55e-04	-4.25e-05
230	37	0.02	-4.48e-04	-7.94e-04	0.0	1.35e-04	-3.86e-05

231	7	0.02	-3.74e-04	-8.95e-04	0.0	2.46e-04	-4.16e-05
231	8	0.02	-3.74e-04	-8.95e-04	0.0	2.46e-04	-4.16e-05
231	31	0.02	-2.73e-04	-6.75e-04	0.0	1.81e-04	-3.10e-05
231	32	0.02	-2.73e-04	-6.75e-04	0.0	1.81e-04	-3.10e-05
231	37	0.01	-2.28e-04	-6.35e-04	0.0	1.58e-04	-2.82e-05
232	7	0.01	-1.40e-04	-6.27e-04	0.0	2.21e-04	-2.39e-05
232	8	0.01	-1.40e-04	-6.27e-04	0.0	2.21e-04	-2.39e-05
232	31	8.69e-03	-1.01e-04	-4.73e-04	0.0	1.63e-04	-1.78e-05
232	32	8.69e-03	-1.01e-04	-4.73e-04	0.0	1.63e-04	-1.78e-05
232	37	7.57e-03	-8.18e-05	-4.45e-04	0.0	1.42e-04	-1.62e-05
233	7	3.37e-03	-1.94e-05	-3.29e-04	0.0	1.37e-04	-8.26e-06
233	8	3.37e-03	-1.94e-05	-3.29e-04	0.0	1.37e-04	-8.26e-06
233	31	2.49e-03	-1.34e-05	-2.48e-04	0.0	1.01e-04	-6.16e-06
233	32	2.49e-03	-1.34e-05	-2.48e-04	0.0	1.01e-04	-6.16e-06
233	37	2.17e-03	-8.81e-06	-2.34e-04	0.0	8.82e-05	-5.55e-06
234	1	0.0	0.0	0.0	0.0	0.0	0.0
234	25	0.0	0.0	0.0	0.0	0.0	0.0
234	37	0.0	0.0	0.0	0.0	0.0	0.0
235	7	0.04	-2.16e-03	-1.41e-03	0.0	-2.45e-04	-1.32e-05
235	8	0.04	-2.16e-03	-1.41e-03	0.0	-2.45e-04	-1.32e-05
235	31	0.03	-1.59e-03	-1.07e-03	0.0	-1.81e-04	-1.02e-05
235	32	0.03	-1.59e-03	-1.07e-03	0.0	-1.81e-04	-1.03e-05
235	37	0.03	-1.35e-03	-1.01e-03	0.0	-1.60e-04	-1.06e-05
236	7	0.03	-2.21e-03	-1.43e-03	0.0	-3.06e-04	1.27e-04
236	8	0.03	-2.21e-03	-1.43e-03	0.0	-3.06e-04	1.27e-04
236	31	0.02	-1.62e-03	-1.08e-03	0.0	-2.27e-04	9.32e-05
236	32	0.02	-1.62e-03	-1.08e-03	0.0	-2.27e-04	9.32e-05
236	37	0.02	-1.38e-03	-1.02e-03	0.0	-2.00e-04	8.03e-05
237	7	0.05	-1.74e-03	-1.33e-03	0.0	-4.02e-05	-1.05e-04
237	8	0.05	-1.74e-03	-1.33e-03	0.0	-4.01e-05	-1.05e-04
237	31	0.03	-1.28e-03	-1.00e-03	0.0	-3.00e-05	-7.82e-05
237	32	0.03	-1.28e-03	-1.00e-03	0.0	-3.00e-05	-7.82e-05
237	37	0.03	-1.09e-03	-9.50e-04	0.0	-2.73e-05	-7.02e-05
238	7	0.04	-1.19e-03	-1.16e-03	0.0	1.32e-04	-1.11e-04
238	8	0.04	-1.19e-03	-1.16e-03	0.0	1.32e-04	-1.11e-04
238	31	0.03	-8.75e-04	-8.76e-04	0.0	9.71e-05	-8.25e-05
238	32	0.03	-8.75e-04	-8.76e-04	0.0	9.72e-05	-8.25e-05
238	37	0.03	-7.43e-04	-8.32e-04	0.0	8.41e-05	-7.38e-05
239	7	0.04	-7.18e-04	-9.50e-04	0.0	2.33e-04	-8.92e-05
239	8	0.04	-7.18e-04	-9.51e-04	0.0	2.33e-04	-8.92e-05
239	31	0.03	-5.25e-04	-7.20e-04	0.0	1.72e-04	-6.64e-05
239	32	0.03	-5.25e-04	-7.20e-04	0.0	1.72e-04	-6.64e-05
239	37	0.02	-4.42e-04	-6.87e-04	0.0	1.50e-04	-5.94e-05
240	7	0.02	-3.60e-04	-7.32e-04	-1.00e-06	2.67e-04	-6.11e-05
240	8	0.02	-3.59e-04	-7.32e-04	-1.00e-06	2.67e-04	-6.11e-05
240	31	0.02	-2.62e-04	-5.56e-04	0.0	1.97e-04	-4.54e-05
240	32	0.02	-2.62e-04	-5.56e-04	0.0	1.97e-04	-4.54e-05
240	37	0.02	-2.16e-04	-5.32e-04	0.0	1.72e-04	-4.07e-05
241	7	0.01	-1.25e-04	-5.04e-04	0.0	2.38e-04	-3.39e-05
241	8	0.01	-1.25e-04	-5.04e-04	0.0	2.38e-04	-3.39e-05
241	31	9.27e-03	-8.98e-05	-3.82e-04	0.0	1.76e-04	-2.52e-05
241	32	9.27e-03	-8.98e-05	-3.82e-04	0.0	1.76e-04	-2.52e-05
241	37	8.10e-03	-7.01e-05	-3.67e-04	0.0	1.54e-04	-2.26e-05
242	7	3.64e-03	-1.01e-05	-2.62e-04	0.0	1.49e-04	-1.18e-05
242	8	3.64e-03	-1.01e-05	-2.62e-04	0.0	1.49e-04	-1.18e-05
242	31	2.69e-03	-6.22e-06	-1.99e-04	0.0	1.10e-04	-8.74e-06
242	32	2.69e-03	-6.20e-06	-1.99e-04	0.0	1.10e-04	-8.74e-06
242	37	2.35e-03	-1.40e-06	-1.91e-04	0.0	9.62e-05	-7.82e-06
243	1	0.0	0.0	0.0	0.0	0.0	0.0
243	25	0.0	0.0	0.0	0.0	0.0	0.0
243	37	0.0	0.0	0.0	0.0	0.0	0.0
244	7	0.04	-2.31e-03	-1.63e-03	2.31e-06	-3.99e-04	-9.40e-05
244	8	0.04	-2.31e-03	-1.63e-03	2.31e-06	-3.99e-04	-9.40e-05
244	31	0.03	-1.70e-03	-1.23e-03	1.71e-06	-2.96e-04	-7.00e-05
244	32	0.03	-1.70e-03	-1.23e-03	1.71e-06	-2.96e-04	-7.00e-05
244	37	0.03	-1.45e-03	-1.15e-03	1.51e-06	-2.60e-04	-6.28e-05
245	7	0.02	-2.32e-03	-2.11e-03	5.94e-06	-7.24e-04	1.74e-04
245	8	0.02	-2.32e-03	-2.11e-03	5.94e-06	-7.24e-04	1.74e-04
245	31	0.02	-1.70e-03	-1.59e-03	4.40e-06	-5.36e-04	1.28e-04
245	32	0.02	-1.70e-03	-1.59e-03	4.40e-06	-5.36e-04	1.28e-04
245	37	0.01	-1.45e-03	-1.47e-03	3.87e-06	-4.71e-04	1.11e-04
246	7	0.05	-1.74e-03	-1.28e-03	0.0	-3.13e-05	-1.61e-04
246	8	0.05	-1.74e-03	-1.28e-03	0.0	-3.12e-05	-1.61e-04
246	31	0.04	-1.28e-03	-9.67e-04	0.0	-2.35e-05	-1.19e-04
246	32	0.04	-1.28e-03	-9.67e-04	0.0	-2.34e-05	-1.19e-04
246	37	0.03	-1.09e-03	-9.22e-04	0.0	-2.15e-05	-1.06e-04
247	7	0.05	-1.13e-03	-9.61e-04	0.0	1.66e-04	-1.45e-04

247	8	0.05	-1.13e-03	-9.61e-04	0.0	1.67e-04	-1.45e-04
247	31	0.04	-8.31e-04	-7.32e-04	0.0	1.23e-04	-1.07e-04
247	32	0.04	-8.31e-04	-7.32e-04	0.0	1.23e-04	-1.07e-04
247	37	0.03	-7.03e-04	-7.09e-04	0.0	1.07e-04	-9.55e-05
248	7	0.04	-6.63e-04	-7.27e-04	-1.17e-06	2.67e-04	-1.09e-04
248	8	0.04	-6.63e-04	-7.27e-04	-1.17e-06	2.68e-04	-1.09e-04
248	31	0.03	-4.84e-04	-5.56e-04	0.0	1.98e-04	-8.09e-05
248	32	0.03	-4.84e-04	-5.56e-04	0.0	1.98e-04	-8.09e-05
248	37	0.02	-4.04e-04	-5.46e-04	0.0	1.73e-04	-7.20e-05
249	7	0.03	-3.18e-04	-5.37e-04	-1.28e-06	2.96e-04	-7.09e-05
249	8	0.03	-3.17e-04	-5.37e-04	-1.28e-06	2.96e-04	-7.09e-05
249	31	0.02	-2.30e-04	-4.12e-04	0.0	2.19e-04	-5.26e-05
249	32	0.02	-2.30e-04	-4.12e-04	0.0	2.19e-04	-5.27e-05
249	37	0.02	-1.86e-04	-4.08e-04	0.0	1.91e-04	-4.70e-05
250	7	0.01	-9.47e-05	-3.64e-04	-1.12e-06	2.60e-04	-3.69e-05
250	8	0.01	-9.46e-05	-3.64e-04	-1.12e-06	2.60e-04	-3.69e-05
250	31	0.01	-6.66e-05	-2.80e-04	0.0	1.92e-04	-2.74e-05
250	32	0.01	-6.66e-05	-2.80e-04	0.0	1.92e-04	-2.74e-05
250	37	8.78e-03	-4.76e-05	-2.80e-04	0.0	1.68e-04	-2.45e-05
251	8	3.99e-03	7.91e-06	-1.90e-04	0.0	1.63e-04	-1.18e-05
251	21	3.45e-03	1.50e-05	-1.90e-04	0.0	1.41e-04	-1.04e-05
251	32	2.95e-03	7.61e-06	-1.46e-04	0.0	1.21e-04	-8.76e-06
251	35	2.59e-03	1.23e-05	-1.46e-04	0.0	1.06e-04	-7.85e-06
251	37	2.59e-03	1.23e-05	-1.46e-04	0.0	1.06e-04	-7.85e-06
252	1	0.0	0.0	0.0	0.0	0.0	0.0
252	25	0.0	0.0	0.0	0.0	0.0	0.0
252	37	0.0	0.0	0.0	0.0	0.0	0.0
253	7	0.05	-2.65e-03	-1.49e-03	1.94e-06	-4.81e-04	-2.75e-04
253	8	0.05	-2.65e-03	-1.49e-03	1.94e-06	-4.81e-04	-2.75e-04
253	31	0.04	-1.95e-03	-1.12e-03	1.43e-06	-3.56e-04	-2.04e-04
253	32	0.04	-1.95e-03	-1.12e-03	1.43e-06	-3.56e-04	-2.04e-04
253	37	0.03	-1.67e-03	-1.07e-03	1.26e-06	-3.14e-04	-1.80e-04
254	7	0.06	-1.59e-03	-8.60e-04	0.0	9.64e-06	-2.18e-04
254	8	0.06	-1.59e-03	-8.61e-04	0.0	9.74e-06	-2.18e-04
254	31	0.04	-1.17e-03	-6.61e-04	0.0	6.85e-06	-1.62e-04
254	32	0.04	-1.16e-03	-6.61e-04	0.0	6.92e-06	-1.62e-04
254	37	0.04	-9.90e-04	-6.58e-04	0.0	5.12e-06	-1.43e-04
255	7	0.05	-1.02e-03	-5.62e-04	0.0	2.07e-04	-1.68e-04
255	8	0.05	-1.02e-03	-5.62e-04	0.0	2.07e-04	-1.68e-04
255	21	0.05	-8.40e-04	-5.89e-04	0.0	1.78e-04	-1.47e-04
255	31	0.04	-7.45e-04	-4.38e-04	0.0	1.53e-04	-1.25e-04
255	32	0.04	-7.44e-04	-4.38e-04	0.0	1.53e-04	-1.25e-04
255	35	0.03	-6.26e-04	-4.56e-04	0.0	1.33e-04	-1.11e-04
255	37	0.03	-6.26e-04	-4.55e-04	0.0	1.33e-04	-1.11e-04
256	7	0.04	-5.85e-04	-3.84e-04	-1.21e-06	3.02e-04	-1.18e-04
256	8	0.04	-5.85e-04	-3.85e-04	-1.21e-06	3.02e-04	-1.18e-04
256	21	0.04	-4.73e-04	-4.22e-04	-1.05e-06	2.60e-04	-1.04e-04
256	31	0.03	-4.26e-04	-3.04e-04	0.0	2.23e-04	-8.78e-05
256	32	0.03	-4.26e-04	-3.04e-04	0.0	2.23e-04	-8.78e-05
256	35	0.03	-3.51e-04	-3.29e-04	0.0	1.95e-04	-7.81e-05
256	37	0.03	-3.51e-04	-3.28e-04	0.0	1.95e-04	-7.80e-05
257	7	0.03	-2.67e-04	-2.73e-04	-1.30e-06	3.23e-04	-7.01e-05
257	8	0.03	-2.67e-04	-2.73e-04	-1.30e-06	3.23e-04	-7.01e-05
257	21	0.02	-2.05e-04	-3.09e-04	-1.12e-06	2.79e-04	-6.17e-05
257	31	0.02	-1.92e-04	-2.18e-04	0.0	2.39e-04	-5.21e-05
257	32	0.02	-1.92e-04	-2.18e-04	0.0	2.39e-04	-5.21e-05
257	35	0.02	-1.51e-04	-2.42e-04	0.0	2.09e-04	-4.65e-05
257	37	0.02	-1.51e-04	-2.41e-04	0.0	2.09e-04	-4.65e-05
258	7	0.01	-6.28e-05	-1.94e-04	-1.13e-06	2.80e-04	-2.77e-05
258	8	0.01	-6.27e-05	-1.94e-04	-1.13e-06	2.80e-04	-2.77e-05
258	21	0.01	-3.47e-05	-2.21e-04	0.0	2.42e-04	-2.46e-05
258	31	0.01	-4.23e-05	-1.55e-04	0.0	2.07e-04	-2.06e-05
258	32	0.01	-4.22e-05	-1.55e-04	0.0	2.07e-04	-2.06e-05
258	35	9.37e-03	-2.36e-05	-1.73e-04	0.0	1.82e-04	-1.86e-05
258	37	9.37e-03	-2.37e-05	-1.73e-04	0.0	1.82e-04	-1.86e-05
259	8	4.09e-03	2.99e-05	-1.20e-04	0.0	1.74e-04	2.86e-06
259	21	3.55e-03	3.81e-05	-1.35e-04	0.0	1.50e-04	2.17e-06
259	32	3.03e-03	2.48e-05	-9.53e-05	0.0	1.28e-04	2.05e-06
259	35	2.66e-03	3.02e-05	-1.05e-04	0.0	1.13e-04	1.59e-06
259	37	2.66e-03	3.02e-05	-1.05e-04	0.0	1.13e-04	1.59e-06
260	7	-0.06	-2.48e-03	-5.12e-03	-2.35e-05	8.40e-04	-1.95e-04
260	31	-0.04	-1.83e-03	-3.79e-03	-1.73e-05	6.17e-04	-1.44e-04
260	37	-0.04	-1.58e-03	-3.35e-03	-1.48e-05	5.29e-04	-1.23e-04
261	7	-0.06	-2.44e-03	-4.34e-03	-6.65e-06	5.26e-04	-2.12e-04
261	31	-0.04	-1.80e-03	-3.22e-03	-4.89e-06	3.87e-04	-1.56e-04
261	37	-0.04	-1.55e-03	-2.86e-03	-4.22e-06	3.32e-04	-1.33e-04
262	7	-0.02	-1.87e-03	-5.52e-03	5.85e-05	1.11e-03	1.17e-04

262	31	-0.01	-1.38e-03	-4.09e-03	4.30e-05	8.16e-04	8.59e-05
262	37	-0.01	-1.19e-03	-3.60e-03	3.68e-05	7.00e-04	7.37e-05
263	7	-0.08	-3.42e-03	-4.04e-03	2.37e-06	1.57e-04	-2.86e-04
263	31	-0.06	-2.51e-03	-3.00e-03	1.73e-06	1.15e-04	-2.10e-04
263	37	-0.05	-2.17e-03	-2.66e-03	1.42e-06	9.89e-05	-1.80e-04
264	7	-0.07	-2.85e-03	-3.57e-03	-3.46e-06	1.08e-04	-2.80e-04
264	31	-0.05	-2.09e-03	-2.65e-03	-2.55e-06	7.93e-05	-2.05e-04
264	37	-0.04	-1.81e-03	-2.36e-03	-2.20e-06	6.82e-05	-1.76e-04
265	7	-0.08	-3.28e-03	-3.23e-03	-9.89e-06	-1.72e-04	-2.75e-04
265	31	-0.06	-2.41e-03	-2.40e-03	-7.28e-06	-1.26e-04	-2.02e-04
265	37	-0.05	-2.08e-03	-2.14e-03	-6.26e-06	-1.08e-04	-1.73e-04
266	7	-0.07	-2.71e-03	-2.91e-03	2.59e-06	-1.56e-04	-2.59e-04
266	31	-0.05	-1.99e-03	-2.17e-03	1.90e-06	-1.14e-04	-1.90e-04
266	37	-0.04	-1.72e-03	-1.94e-03	1.62e-06	-9.80e-05	-1.62e-04
267	7	-0.07	-2.69e-03	-2.52e-03	-1.13e-05	-3.52e-04	-2.19e-04
267	31	-0.05	-1.98e-03	-1.88e-03	-8.31e-06	-2.59e-04	-1.61e-04
267	37	-0.04	-1.71e-03	-1.68e-03	-7.10e-06	-2.22e-04	-1.38e-04
268	7	-0.06	-2.21e-03	-2.32e-03	7.35e-06	-3.08e-04	-2.03e-04
268	31	-0.04	-1.63e-03	-1.72e-03	5.41e-06	-2.27e-04	-1.49e-04
268	37	-0.04	-1.41e-03	-1.55e-03	4.65e-06	-1.95e-04	-1.27e-04
269	7	-0.05	-1.89e-03	-1.87e-03	-1.02e-05	-4.21e-04	-1.49e-04
269	31	-0.03	-1.39e-03	-1.39e-03	-7.47e-06	-3.10e-04	-1.09e-04
269	37	-0.03	-1.21e-03	-1.25e-03	-6.35e-06	-2.66e-04	-9.33e-05
270	7	-0.04	-1.53e-03	-1.74e-03	9.66e-06	-3.68e-04	-1.37e-04
270	31	-0.03	-1.13e-03	-1.30e-03	7.11e-06	-2.71e-04	-1.01e-04
270	37	-0.02	-9.78e-04	-1.17e-03	6.11e-06	-2.32e-04	-8.61e-05
271	7	-0.02	-1.06e-03	-1.24e-03	-8.28e-06	-3.90e-04	-7.98e-05
271	31	-0.02	-7.80e-04	-9.28e-04	-6.07e-06	-2.86e-04	-5.86e-05
271	37	-0.02	-6.80e-04	-8.39e-04	-5.15e-06	-2.46e-04	-5.00e-05
272	7	-0.02	-8.24e-04	-1.17e-03	9.13e-06	-3.40e-04	-7.51e-05
272	31	-0.02	-6.08e-04	-8.70e-04	6.72e-06	-2.50e-04	-5.52e-05
272	37	-0.01	-5.30e-04	-7.88e-04	5.78e-06	-2.14e-04	-4.71e-05
273	7	-7.40e-03	-3.64e-04	-6.23e-04	-5.21e-06	-2.54e-04	-2.56e-05
273	31	-5.44e-03	-2.70e-04	-4.65e-04	-3.82e-06	-1.87e-04	-1.88e-05
273	37	-4.67e-03	-2.38e-04	-4.23e-04	-3.22e-06	-1.60e-04	-1.61e-05
274	7	-6.16e-03	-2.48e-04	-5.85e-04	5.65e-06	-2.20e-04	-2.51e-05
274	31	-4.53e-03	-1.84e-04	-4.37e-04	4.16e-06	-1.61e-04	-1.84e-05
274	37	-3.89e-03	-1.62e-04	-3.97e-04	3.58e-06	-1.39e-04	-1.57e-05
275	1	0.0	0.0	0.0	0.0	0.0	0.0
275	25	0.0	0.0	0.0	0.0	0.0	0.0
275	37	0.0	0.0	0.0	0.0	0.0	0.0
276	7	-0.05	-2.20e-03	-3.30e-03	-2.69e-05	3.43e-04	-2.07e-04
276	31	-0.04	-1.62e-03	-2.46e-03	-1.98e-05	2.52e-04	-1.52e-04
276	37	-0.03	-1.40e-03	-2.20e-03	-1.69e-05	2.17e-04	-1.30e-04
277	7	-0.03	-2.12e-03	-3.43e-03	-4.79e-05	5.43e-04	-1.66e-05
277	31	-0.02	-1.57e-03	-2.55e-03	-3.52e-05	4.00e-04	-1.21e-05
277	37	-0.02	-1.35e-03	-2.28e-03	-3.02e-05	3.43e-04	-1.02e-05
278	7	-0.06	-2.36e-03	-2.95e-03	-2.89e-06	7.16e-05	-2.61e-04
278	31	-0.04	-1.74e-03	-2.20e-03	-2.12e-06	5.27e-05	-1.92e-04
278	37	-0.04	-1.50e-03	-1.97e-03	-1.82e-06	4.55e-05	-1.64e-04
279	7	-0.06	-2.22e-03	-2.52e-03	9.50e-06	-1.35e-04	-2.35e-04
279	31	-0.04	-1.63e-03	-1.88e-03	6.99e-06	-9.95e-05	-1.73e-04
279	37	-0.04	-1.41e-03	-1.69e-03	5.99e-06	-8.53e-05	-1.48e-04
280	7	-0.05	-1.80e-03	-2.06e-03	1.60e-05	-2.66e-04	-1.81e-04
280	31	-0.04	-1.33e-03	-1.54e-03	1.18e-05	-1.95e-04	-1.33e-04
280	37	-0.03	-1.15e-03	-1.39e-03	1.01e-05	-1.68e-04	-1.13e-04
281	7	-0.03	-1.23e-03	-1.58e-03	1.81e-05	-3.19e-04	-1.21e-04
281	31	-0.02	-9.06e-04	-1.18e-03	1.33e-05	-2.34e-04	-8.87e-05
281	37	-0.02	-7.86e-04	-1.06e-03	1.14e-05	-2.01e-04	-7.55e-05
282	7	-0.02	-6.33e-04	-1.07e-03	1.64e-05	-2.93e-04	-6.48e-05
282	31	-0.01	-4.67e-04	-7.99e-04	1.21e-05	-2.16e-04	-4.75e-05
282	37	-0.01	-4.08e-04	-7.25e-04	1.03e-05	-1.85e-04	-4.05e-05
283	7	-5.09e-03	-1.64e-04	-5.43e-04	1.06e-05	-1.87e-04	-2.08e-05
283	31	-3.74e-03	-1.22e-04	-4.06e-04	7.79e-06	-1.37e-04	-1.52e-05
283	37	-3.22e-03	-1.08e-04	-3.70e-04	6.68e-06	-1.18e-04	-1.30e-05
284	1	0.0	0.0	0.0	0.0	0.0	0.0
284	25	0.0	0.0	0.0	0.0	0.0	0.0
284	37	0.0	0.0	0.0	0.0	0.0	0.0
285	7	-0.04	-1.95e-03	-2.57e-03	-9.37e-06	2.28e-04	-1.95e-04
285	31	-0.03	-1.44e-03	-1.92e-03	-6.90e-06	1.68e-04	-1.43e-04
285	37	-0.03	-1.24e-03	-1.73e-03	-5.94e-06	1.45e-04	-1.22e-04
286	7	-0.03	-1.97e-03	-2.62e-03	-1.35e-05	3.29e-04	-9.38e-05
286	31	-0.02	-1.45e-03	-1.95e-03	-9.93e-06	2.42e-04	-6.89e-05
286	37	-0.02	-1.25e-03	-1.76e-03	-8.54e-06	2.08e-04	-5.87e-05
287	7	-0.05	-1.98e-03	-2.41e-03	-2.02e-06	4.93e-05	-2.26e-04
287	31	-0.04	-1.46e-03	-1.80e-03	-1.49e-06	3.63e-05	-1.66e-04
287	37	-0.03	-1.26e-03	-1.63e-03	-1.30e-06	3.16e-05	-1.42e-04

288	7	-0.05	-1.83e-03	-2.14e-03	4.67e-06	-1.14e-04	-2.00e-04
288	31	-0.04	-1.35e-03	-1.60e-03	3.43e-06	-8.36e-05	-1.47e-04
288	37	-0.03	-1.17e-03	-1.45e-03	2.94e-06	-7.16e-05	-1.25e-04
289	7	-0.04	-1.48e-03	-1.80e-03	9.29e-06	-2.26e-04	-1.51e-04
289	31	-0.03	-1.09e-03	-1.35e-03	6.83e-06	-1.66e-04	-1.11e-04
289	37	-0.03	-9.47e-04	-1.22e-03	5.87e-06	-1.43e-04	-9.40e-05
290	7	-0.03	-9.97e-04	-1.41e-03	1.13e-05	-2.75e-04	-9.84e-05
290	31	-0.02	-7.36e-04	-1.05e-03	8.29e-06	-2.02e-04	-7.22e-05
290	37	-0.02	-6.39e-04	-9.58e-04	7.13e-06	-1.74e-04	-6.12e-05
291	7	-0.01	-4.93e-04	-9.71e-04	1.04e-05	-2.53e-04	-5.14e-05
291	31	-0.01	-3.64e-04	-7.26e-04	7.63e-06	-1.86e-04	-3.76e-05
291	37	-9.29e-03	-3.18e-04	-6.62e-04	6.57e-06	-1.60e-04	-3.19e-05
292	7	-4.24e-03	-1.10e-04	-5.00e-04	6.55e-06	-1.59e-04	-1.59e-05
292	31	-3.12e-03	-8.20e-05	-3.74e-04	4.82e-06	-1.17e-04	-1.16e-05
292	37	-2.68e-03	-7.32e-05	-3.42e-04	4.14e-06	-1.01e-04	-9.87e-06
293	1	0.0	0.0	0.0	0.0	0.0	0.0
293	25	0.0	0.0	0.0	0.0	0.0	0.0
293	37	0.0	0.0	0.0	0.0	0.0	0.0
294	7	-0.04	-1.66e-03	-2.11e-03	-4.78e-06	1.67e-04	-1.80e-04
294	8	-0.04	-1.66e-03	-2.11e-03	-4.79e-06	1.67e-04	-1.80e-04
294	31	-0.03	-1.23e-03	-1.58e-03	-3.54e-06	1.23e-04	-1.32e-04
294	32	-0.03	-1.22e-03	-1.58e-03	-3.54e-06	1.23e-04	-1.32e-04
294	37	-0.02	-1.06e-03	-1.44e-03	-3.10e-06	1.06e-04	-1.13e-04
295	7	-0.03	-1.66e-03	-2.15e-03	-5.71e-06	2.25e-04	-1.36e-04
295	8	-0.03	-1.65e-03	-2.15e-03	-5.71e-06	2.25e-04	-1.36e-04
295	31	-0.02	-1.22e-03	-1.61e-03	-4.21e-06	1.66e-04	-1.00e-04
295	32	-0.02	-1.22e-03	-1.61e-03	-4.21e-06	1.66e-04	-1.00e-04
295	37	-0.02	-1.06e-03	-1.46e-03	-3.67e-06	1.43e-04	-8.55e-05
296	7	-0.04	-1.68e-03	-2.02e-03	-2.77e-06	4.06e-05	-1.84e-04
296	8	-0.04	-1.67e-03	-2.02e-03	-2.77e-06	4.07e-05	-1.84e-04
296	31	-0.03	-1.24e-03	-1.51e-03	-2.05e-06	3.01e-05	-1.35e-04
296	32	-0.03	-1.23e-03	-1.51e-03	-2.05e-06	3.01e-05	-1.35e-04
296	37	-0.03	-1.07e-03	-1.38e-03	-1.80e-06	2.63e-05	-1.15e-04
297	7	-0.04	-1.56e-03	-1.85e-03	1.37e-06	-9.23e-05	-1.54e-04
297	8	-0.04	-1.55e-03	-1.85e-03	1.37e-06	-9.22e-05	-1.54e-04
297	31	-0.03	-1.15e-03	-1.38e-03	1.01e-06	-6.79e-05	-1.13e-04
297	32	-0.03	-1.15e-03	-1.38e-03	1.01e-06	-6.78e-05	-1.13e-04
297	37	-0.03	-9.98e-04	-1.26e-03	0.0	-5.82e-05	-9.56e-05
298	7	-0.03	-1.26e-03	-1.59e-03	5.26e-06	-1.92e-04	-1.13e-04
298	31	-0.03	-9.30e-04	-1.19e-03	3.88e-06	-1.42e-04	-8.24e-05
298	37	-0.02	-8.08e-04	-1.09e-03	3.36e-06	-1.22e-04	-6.95e-05
299	7	-0.02	-8.39e-04	-1.27e-03	7.39e-06	-2.38e-04	-7.13e-05
299	31	-0.02	-6.19e-04	-9.49e-04	5.45e-06	-1.75e-04	-5.21e-05
299	37	-0.02	-5.39e-04	-8.67e-04	4.73e-06	-1.51e-04	-4.39e-05
300	7	-0.01	-4.03e-04	-8.86e-04	7.15e-06	-2.20e-04	-3.61e-05
300	31	-9.21e-03	-2.98e-04	-6.63e-04	5.27e-06	-2.64e-04	-2.64e-05
300	37	-7.95e-03	-2.61e-04	-6.07e-04	4.58e-06	-1.40e-04	-2.21e-05
301	7	-3.60e-03	-8.00e-05	-4.62e-04	4.54e-06	-1.38e-04	-1.08e-05
301	31	-2.65e-03	-5.95e-05	-3.46e-04	3.35e-06	-1.02e-04	-7.90e-06
301	37	-2.28e-03	-5.34e-05	-3.17e-04	2.91e-06	-8.79e-05	-6.63e-06
302	1	0.0	0.0	0.0	0.0	0.0	0.0
302	25	0.0	0.0	0.0	0.0	0.0	0.0
302	37	0.0	0.0	0.0	0.0	0.0	0.0
303	7	-0.03	-1.37e-03	-1.84e-03	-5.67e-06	1.48e-04	-1.61e-04
303	8	-0.03	-1.36e-03	-1.84e-03	-5.68e-06	1.48e-04	-1.61e-04
303	31	-0.02	-1.01e-03	-1.38e-03	-4.18e-06	1.09e-04	-1.18e-04
303	32	-0.02	-1.01e-03	-1.38e-03	-4.18e-06	1.10e-04	-1.18e-04
303	37	-0.02	-8.78e-04	-1.27e-03	-3.61e-06	9.52e-05	-1.00e-04
304	7	-0.02	-1.27e-03	-1.87e-03	-8.12e-06	1.85e-04	-1.59e-04
304	8	-0.02	-1.26e-03	-1.87e-03	-8.12e-06	1.85e-04	-1.59e-04
304	31	-0.02	-9.34e-04	-1.40e-03	-5.98e-06	1.36e-04	-1.17e-04
304	32	-0.02	-9.28e-04	-1.40e-03	-5.98e-06	1.36e-04	-1.17e-04
304	37	-0.01	-8.09e-04	-1.29e-03	-5.17e-06	1.18e-04	-9.99e-05
305	7	-0.04	-1.46e-03	-1.77e-03	0.0	4.72e-05	-1.37e-04
305	8	-0.04	-1.46e-03	-1.77e-03	0.0	4.73e-05	-1.37e-04
305	31	-0.03	-1.08e-03	-1.33e-03	0.0	3.50e-05	-1.00e-04
305	32	-0.03	-1.08e-03	-1.33e-03	0.0	3.50e-05	-1.00e-04
305	37	-0.02	-9.38e-04	-1.22e-03	0.0	3.08e-05	-8.46e-05
306	7	-0.04	-1.39e-03	-1.65e-03	4.24e-06	-7.17e-05	-1.03e-04
306	8	-0.04	-1.39e-03	-1.65e-03	4.23e-06	-7.17e-05	-1.03e-04
306	31	-0.03	-1.03e-03	-1.24e-03	3.11e-06	-5.27e-05	-7.49e-05
306	32	-0.03	-1.03e-03	-1.24e-03	3.11e-06	-5.27e-05	-7.50e-05
306	37	-0.02	-8.95e-04	-1.14e-03	2.67e-06	-4.53e-05	-6.26e-05
307	7	-0.03	-1.13e-03	-1.45e-03	7.96e-06	-1.66e-04	-6.94e-05
307	8	-0.03	-1.13e-03	-1.45e-03	7.95e-06	-1.66e-04	-6.94e-05
307	31	-0.02	-8.37e-04	-1.09e-03	5.86e-06	-1.23e-04	-5.05e-05
307	32	-0.02	-8.35e-04	-1.09e-03	5.85e-06	-1.23e-04	-5.05e-05

307	37	-0.02	-7.30e-04	-9.97e-04	5.04e-06	-1.06e-04	-4.18e-05
308	7	-0.02	-7.50e-04	-1.17e-03	9.60e-06	-2.12e-04	-4.14e-05
308	8	-0.02	-7.47e-04	-1.17e-03	9.60e-06	-2.12e-04	-4.14e-05
308	31	-0.02	-5.54e-04	-8.75e-04	7.07e-06	-1.56e-04	-3.01e-05
308	32	-0.02	-5.52e-04	-8.76e-04	7.07e-06	-1.56e-04	-3.01e-05
308	37	-0.01	-4.84e-04	-8.04e-04	6.09e-06	-1.35e-04	-2.47e-05
309	7	-0.01	-3.54e-04	-8.23e-04	8.78e-06	-1.98e-04	-1.98e-05
309	8	-0.01	-3.52e-04	-8.23e-04	8.78e-06	-1.98e-04	-1.98e-05
309	31	-8.14e-03	-2.62e-04	-6.17e-04	6.47e-06	-1.46e-04	-1.44e-05
309	32	-8.13e-03	-2.61e-04	-6.17e-04	6.46e-06	-1.46e-04	-1.44e-05
309	37	-7.04e-03	-2.29e-04	-5.67e-04	5.58e-06	-1.26e-04	-1.18e-05
310	7	-3.17e-03	-6.67e-05	-4.32e-04	5.47e-06	-1.24e-04	-5.62e-06
310	8	-3.17e-03	-6.62e-05	-4.32e-04	5.47e-06	-1.24e-04	-5.62e-06
310	31	-2.34e-03	-4.96e-05	-3.24e-04	4.03e-06	-9.17e-05	-4.08e-06
310	32	-2.34e-03	-4.93e-05	-3.24e-04	4.02e-06	-9.16e-05	-4.08e-06
310	37	-2.02e-03	-4.45e-05	-2.98e-04	3.47e-06	-7.94e-05	-3.31e-06
311	1	0.0	0.0	0.0	0.0	0.0	0.0
311	25	0.0	0.0	0.0	0.0	0.0	0.0
311	37	0.0	0.0	0.0	0.0	0.0	0.0
312	7	-0.03	-1.12e-03	-1.72e-03	-5.42e-06	1.67e-04	-1.36e-04
312	8	-0.03	-1.11e-03	-1.72e-03	-5.42e-06	1.67e-04	-1.36e-04
312	31	-0.02	-8.25e-04	-1.29e-03	-4.00e-06	1.23e-04	-9.98e-05
312	32	-0.02	-8.20e-04	-1.29e-03	-4.00e-06	1.23e-04	-9.98e-05
312	37	-0.02	-7.19e-04	-1.19e-03	-3.48e-06	1.08e-04	-8.44e-05
313	7	-0.02	-8.30e-04	-1.76e-03	-7.38e-06	1.93e-04	-1.72e-04
313	8	-0.02	-8.22e-04	-1.76e-03	-7.38e-06	1.93e-04	-1.72e-04
313	31	-0.01	-6.12e-04	-1.32e-03	-5.44e-06	1.42e-04	-1.27e-04
313	32	-0.01	-6.07e-04	-1.32e-03	-5.45e-06	1.42e-04	-1.27e-04
313	37	-0.01	-5.32e-04	-1.22e-03	-4.74e-06	1.24e-04	-1.08e-04
314	7	-0.03	-1.35e-03	-1.67e-03	-1.57e-06	6.78e-05	-8.51e-05
314	8	-0.03	-1.34e-03	-1.68e-03	-1.58e-06	6.79e-05	-8.51e-05
314	31	-0.02	-9.94e-04	-1.26e-03	-1.17e-06	5.02e-05	-6.20e-05
314	32	-0.02	-9.90e-04	-1.26e-03	-1.17e-06	5.02e-05	-6.20e-05
314	37	-0.02	-8.67e-04	-1.16e-03	-1.03e-06	4.41e-05	-5.12e-05
315	7	-0.03	-1.34e-03	-1.57e-03	2.98e-06	-5.45e-05	-4.73e-05
315	8	-0.03	-1.33e-03	-1.57e-03	2.97e-06	-5.44e-05	-4.73e-05
315	31	-0.02	-9.87e-04	-1.18e-03	2.19e-06	-4.01e-05	-3.41e-05
315	32	-0.02	-9.84e-04	-1.18e-03	2.19e-06	-4.00e-05	-3.41e-05
315	37	-0.02	-8.62e-04	-1.09e-03	1.88e-06	-3.45e-05	-2.71e-05
316	7	-0.03	-1.09e-03	-1.39e-03	6.63e-06	-1.51e-04	-2.48e-05
316	8	-0.03	-1.09e-03	-1.39e-03	6.63e-06	-1.51e-04	-2.48e-05
316	31	-0.02	-8.07e-04	-1.04e-03	4.89e-06	-1.12e-04	-1.76e-05
316	32	-0.02	-8.05e-04	-1.04e-03	4.89e-06	-1.11e-04	-1.76e-05
316	37	-0.02	-7.05e-04	-9.57e-04	4.23e-06	-9.68e-05	-1.33e-05
317	7	-0.02	-7.16e-04	-1.12e-03	8.37e-06	-1.98e-04	-1.16e-05
317	8	-0.02	-7.14e-04	-1.12e-03	8.37e-06	-1.98e-04	-1.16e-05
317	31	-0.01	-5.29e-04	-8.38e-04	6.17e-06	-1.46e-04	-8.09e-06
317	32	-0.01	-5.28e-04	-8.38e-04	6.17e-06	-1.46e-04	-8.10e-06
317	37	-0.01	-4.63e-04	-7.71e-04	5.34e-06	-1.27e-04	-5.61e-06
318	7	-0.01	-3.34e-04	-7.86e-04	7.78e-06	-1.86e-04	-3.97e-06
318	8	-0.01	-3.33e-04	-7.86e-04	7.78e-06	-1.86e-04	-3.98e-06
318	31	-7.56e-03	-2.47e-04	-5.89e-04	5.74e-06	-1.37e-04	-2.70e-06
318	32	-7.55e-03	-2.46e-04	-5.90e-04	5.73e-06	-1.37e-04	-2.70e-06
318	37	-6.57e-03	-2.17e-04	-5.43e-04	4.97e-06	-1.19e-04	-1.59e-06
319	7	-2.95e-03	-6.29e-05	-4.11e-04	4.87e-06	-1.18e-04	0.0
319	8	-2.95e-03	-6.24e-05	-4.12e-04	4.86e-06	-1.18e-04	0.0
319	31	-2.18e-03	-4.67e-05	-3.09e-04	3.59e-06	-8.68e-05	0.0
319	32	-2.18e-03	-4.64e-05	-3.09e-04	3.59e-06	-8.67e-05	0.0
319	37	-1.89e-03	-4.16e-05	-2.85e-04	3.11e-06	-7.55e-05	0.0
320	1	0.0	0.0	0.0	0.0	0.0	0.0
320	25	0.0	0.0	0.0	0.0	0.0	0.0
320	37	0.0	0.0	0.0	0.0	0.0	0.0
321	7	-0.02	-9.45e-04	-1.76e-03	-1.62e-05	2.24e-04	-1.05e-04
321	8	-0.02	-9.38e-04	-1.77e-03	-1.62e-05	2.24e-04	-1.05e-04
321	31	-0.02	-6.99e-04	-1.32e-03	-1.20e-05	1.66e-04	-7.65e-05
321	32	-0.02	-6.95e-04	-1.32e-03	-1.20e-05	1.66e-04	-7.66e-05
321	37	-0.01	-6.13e-04	-1.22e-03	-1.05e-05	1.45e-04	-6.42e-05
322	7	-0.01	-3.61e-04	-1.80e-03	-1.44e-05	2.50e-04	-1.84e-04
322	8	-0.01	-3.53e-04	-1.80e-03	-1.44e-05	2.50e-04	-1.84e-04
322	31	-8.84e-03	-2.67e-04	-1.35e-03	-1.06e-05	1.85e-04	-1.35e-04
322	32	-8.82e-03	-2.62e-04	-1.35e-03	-1.06e-05	1.85e-04	-1.35e-04
322	37	-7.67e-03	-2.35e-04	-1.25e-03	-9.32e-06	1.62e-04	-1.16e-04
323	7	-0.03	-1.36e-03	-1.73e-03	-7.56e-06	9.79e-05	-2.58e-05
323	8	-0.03	-1.35e-03	-1.73e-03	-7.56e-06	9.80e-05	-2.58e-05
323	31	-0.02	-1.00e-03	-1.29e-03	-5.59e-06	7.24e-05	-1.82e-05
323	32	-0.02	-1.00e-03	-1.30e-03	-5.59e-06	7.25e-05	-1.82e-05
323	37	-0.02	-8.80e-04	-1.19e-03	-4.89e-06	6.35e-05	-1.31e-05

324	7	-0.03	-1.38e-03	-1.61e-03	0.0	-4.52e-05	8.68e-06
324	8	-0.03	-1.37e-03	-1.61e-03	0.0	-4.51e-05	8.66e-06
324	31	-0.02	-1.02e-03	-1.21e-03	0.0	-3.34e-05	7.19e-06
324	32	-0.02	-1.02e-03	-1.21e-03	0.0	-3.33e-05	7.18e-06
324	37	-0.02	-8.94e-04	-1.11e-03	0.0	-2.90e-05	8.81e-06
325	7	-0.03	-1.11e-03	-1.40e-03	6.06e-06	-1.49e-04	1.69e-05
325	8	-0.03	-1.11e-03	-1.40e-03	6.06e-06	-1.49e-04	1.68e-05
325	31	-0.02	-8.23e-04	-1.05e-03	4.49e-06	-1.10e-04	1.31e-05
325	32	-0.02	-8.21e-04	-1.05e-03	4.48e-06	-1.10e-04	1.31e-05
325	37	-0.02	-7.22e-04	-9.63e-04	3.95e-06	-9.59e-05	1.34e-05
326	7	-0.02	-7.18e-04	-1.11e-03	8.33e-06	-1.96e-04	1.51e-05
326	8	-0.02	-7.15e-04	-1.11e-03	8.32e-06	-1.96e-04	1.51e-05
326	31	-0.01	-5.31e-04	-8.30e-04	6.16e-06	-1.45e-04	1.16e-05
326	32	-0.01	-5.29e-04	-8.31e-04	6.16e-06	-1.45e-04	1.16e-05
326	37	-0.01	-4.65e-04	-7.65e-04	5.42e-06	-1.27e-04	1.15e-05
327	7	-0.01	-3.29e-04	-7.70e-04	7.98e-06	-1.85e-04	9.95e-06
327	8	-0.01	-3.28e-04	-7.70e-04	7.98e-06	-1.85e-04	9.94e-06
327	31	-7.43e-03	-2.43e-04	-5.78e-04	5.91e-06	-1.37e-04	7.57e-06
327	32	-7.42e-03	-2.43e-04	-5.78e-04	5.91e-06	-1.37e-04	7.57e-06
327	37	-6.49e-03	-2.14e-04	-5.33e-04	5.20e-06	-1.19e-04	7.35e-06
328	7	-2.92e-03	-6.05e-05	-3.99e-04	5.20e-06	-1.18e-04	3.89e-06
328	8	-2.92e-03	-5.99e-05	-4.00e-04	5.19e-06	-1.18e-04	3.89e-06
328	31	-2.16e-03	-4.48e-05	-3.00e-04	3.85e-06	-8.69e-05	2.95e-06
328	32	-2.15e-03	-4.44e-05	-3.00e-04	3.85e-06	-8.69e-05	2.94e-06
328	37	-1.88e-03	-3.94e-05	-2.77e-04	3.39e-06	-7.59e-05	2.80e-06
329	1	0.0	0.0	0.0	0.0	0.0	0.0
329	25	0.0	0.0	0.0	0.0	0.0	0.0
329	37	0.0	0.0	0.0	0.0	0.0	0.0
330	7	-0.02	-9.42e-04	-2.03e-03	-1.32e-06	3.30e-04	-6.00e-05
330	8	-0.02	-9.35e-04	-2.03e-03	-1.32e-06	3.30e-04	-6.01e-05
330	31	-0.02	-6.98e-04	-1.52e-03	0.0	2.44e-04	-4.36e-05
330	32	-0.02	-6.93e-04	-1.52e-03	0.0	2.44e-04	-4.36e-05
330	37	-0.01	-6.16e-04	-1.39e-03	0.0	2.13e-04	-3.55e-05
331	7	-5.21e-03	1.53e-04	-2.08e-03	-3.07e-06	3.88e-04	-2.05e-04
331	8	-5.18e-03	1.61e-04	-2.08e-03	-3.07e-06	3.89e-04	-2.05e-04
331	31	-3.86e-03	1.12e-04	-1.56e-03	-2.26e-06	2.87e-04	-1.51e-04
331	32	-3.84e-03	1.17e-04	-1.56e-03	-2.26e-06	2.87e-04	-1.51e-04
331	37	-3.41e-03	9.36e-05	-1.43e-03	-1.96e-06	2.52e-04	-1.30e-04
332	7	-0.03	-1.52e-03	-1.95e-03	-2.34e-06	1.26e-04	4.09e-05
332	8	-0.03	-1.52e-03	-1.95e-03	-2.35e-06	1.26e-04	4.08e-05
332	31	-0.02	-1.13e-03	-1.46e-03	-1.73e-06	9.28e-05	3.10e-05
332	32	-0.02	-1.12e-03	-1.46e-03	-1.74e-06	9.29e-05	3.10e-05
332	37	-0.02	-9.91e-04	-1.33e-03	-1.53e-06	8.12e-05	2.98e-05
333	7	-0.03	-1.49e-03	-1.74e-03	1.92e-06	-5.06e-05	5.87e-05
333	8	-0.03	-1.49e-03	-1.74e-03	1.92e-06	-5.05e-05	5.87e-05
333	31	-0.02	-1.10e-03	-1.30e-03	1.42e-06	-3.75e-05	4.41e-05
333	32	-0.02	-1.10e-03	-1.30e-03	1.41e-06	-3.74e-05	4.41e-05
333	37	-0.02	-9.70e-04	-1.19e-03	1.22e-06	-3.30e-05	4.10e-05
334	7	-0.03	-1.16e-03	-1.45e-03	5.70e-06	-1.60e-04	5.02e-05
334	8	-0.03	-1.16e-03	-1.45e-03	5.70e-06	-1.60e-04	5.02e-05
334	31	-0.02	-8.60e-04	-1.08e-03	4.20e-06	-1.19e-04	3.77e-05
334	32	-0.02	-8.58e-04	-1.08e-03	4.20e-06	-1.19e-04	3.77e-05
334	37	-0.02	-7.56e-04	-9.94e-04	3.65e-06	-1.04e-04	3.48e-05
335	7	-0.02	-7.29e-04	-1.12e-03	7.47e-06	-2.06e-04	3.53e-05
335	8	-0.02	-7.27e-04	-1.12e-03	7.47e-06	-2.06e-04	3.52e-05
335	31	-0.01	-5.39e-04	-8.38e-04	5.51e-06	-1.53e-04	2.64e-05
335	32	-0.01	-5.38e-04	-8.39e-04	5.51e-06	-1.53e-04	2.64e-05
335	37	-0.01	-4.73e-04	-7.71e-04	4.80e-06	-1.34e-04	2.44e-05
336	7	-0.01	-3.22e-04	-7.66e-04	7.00e-06	-1.93e-04	2.01e-05
336	8	-0.01	-3.21e-04	-7.66e-04	7.00e-06	-1.93e-04	2.01e-05
336	31	-7.65e-03	-2.38e-04	-5.74e-04	5.17e-06	-1.43e-04	1.51e-05
336	32	-7.65e-03	-2.38e-04	-5.75e-04	5.17e-06	-1.43e-04	1.51e-05
336	37	-6.71e-03	-2.09e-04	-5.30e-04	4.50e-06	-1.25e-04	1.39e-05
337	7	-3.04e-03	-5.16e-05	-3.92e-04	4.37e-06	-1.23e-04	7.24e-06
337	8	-3.04e-03	-5.10e-05	-3.93e-04	4.37e-06	-1.23e-04	7.24e-06
337	31	-2.25e-03	-3.80e-05	-2.94e-04	3.23e-06	-9.12e-05	5.42e-06
337	32	-2.25e-03	-3.76e-05	-2.95e-04	3.23e-06	-9.12e-05	5.42e-06
337	37	-1.97e-03	-3.27e-05	-2.72e-04	2.81e-06	-8.00e-05	4.97e-06
338	1	0.0	0.0	0.0	0.0	0.0	0.0
338	25	0.0	0.0	0.0	0.0	0.0	0.0
338	37	0.0	0.0	0.0	0.0	0.0	0.0
339	7	-0.02	-1.24e-03	-2.66e-03	-2.73e-05	4.88e-04	2.43e-05
339	8	-0.02	-1.23e-03	-2.66e-03	-2.73e-05	4.89e-04	2.43e-05
339	31	-0.02	-9.18e-04	-1.98e-03	-2.02e-05	3.61e-04	1.87e-05
339	32	-0.02	-9.14e-04	-1.98e-03	-2.02e-05	3.61e-04	1.87e-05
339	37	-0.02	-8.13e-04	-1.80e-03	-1.77e-05	3.17e-04	1.88e-05
340	8	2.63e-03	7.14e-04	-3.05e-03	-6.35e-05	8.05e-04	-2.44e-04

340	32	1.91e-03	5.25e-04	-2.28e-03	-4.70e-05	5.95e-04	-1.80e-04
340	37	1.54e-03	4.47e-04	-2.06e-03	-4.13e-05	5.22e-04	-1.56e-04
341	7	-0.04	-1.76e-03	-2.28e-03	-5.45e-06	1.26e-04	9.89e-05
341	8	-0.04	-1.76e-03	-2.28e-03	-5.46e-06	1.26e-04	9.88e-05
341	31	-0.03	-1.31e-03	-1.70e-03	-4.03e-06	9.33e-05	7.39e-05
341	32	-0.03	-1.30e-03	-1.71e-03	-4.03e-06	9.34e-05	7.38e-05
341	37	-0.02	-1.15e-03	-1.55e-03	-3.51e-06	8.15e-05	6.71e-05
342	7	-0.04	-1.60e-03	-1.85e-03	3.54e-06	-7.44e-05	9.46e-05
342	8	-0.04	-1.60e-03	-1.85e-03	3.54e-06	-7.43e-05	9.46e-05
342	31	-0.03	-1.19e-03	-1.38e-03	2.63e-06	-5.52e-05	7.06e-05
342	32	-0.03	-1.18e-03	-1.39e-03	2.63e-06	-5.51e-05	7.06e-05
342	37	-0.02	-1.04e-03	-1.26e-03	2.33e-06	-4.88e-05	6.40e-05
343	7	-0.03	-1.21e-03	-1.47e-03	8.17e-06	-1.84e-04	7.18e-05
343	8	-0.03	-1.20e-03	-1.47e-03	8.16e-06	-1.84e-04	7.18e-05
343	31	-0.02	-8.92e-04	-1.10e-03	6.05e-06	-1.36e-04	5.36e-05
343	32	-0.02	-8.90e-04	-1.10e-03	6.05e-06	-1.36e-04	5.36e-05
343	37	-0.02	-7.85e-04	-1.01e-03	5.33e-06	-1.20e-04	4.87e-05
344	7	-0.02	-7.31e-04	-1.12e-03	9.83e-06	-2.25e-04	4.66e-05
344	8	-0.02	-7.29e-04	-1.12e-03	9.83e-06	-2.25e-04	4.66e-05
344	31	-0.02	-5.41e-04	-8.37e-04	7.28e-06	-1.67e-04	3.48e-05
344	32	-0.02	-5.40e-04	-8.38e-04	7.28e-06	-1.66e-04	3.48e-05
344	37	-0.01	-4.75e-04	-7.70e-04	6.42e-06	-1.46e-04	3.17e-05
345	7	-0.01	-3.01e-04	-7.62e-04	8.96e-06	-2.06e-04	2.39e-05
345	8	-0.01	-3.00e-04	-7.64e-04	8.96e-06	-2.06e-04	2.39e-05
345	31	-8.08e-03	-2.23e-04	-5.72e-04	6.64e-06	-1.53e-04	1.79e-05
345	32	-8.07e-03	-2.22e-04	-5.73e-04	6.63e-06	-1.53e-04	1.79e-05
345	37	-7.11e-03	-1.94e-04	-5.27e-04	5.85e-06	-1.34e-04	1.64e-05
346	7	-3.24e-03	-2.76e-05	-3.91e-04	5.68e-06	-1.32e-04	7.49e-06
346	8	-3.24e-03	-2.70e-05	-3.91e-04	5.68e-06	-1.32e-04	7.49e-06
346	31	-2.40e-03	-1.99e-05	-2.93e-04	4.21e-06	-9.74e-05	5.61e-06
346	32	-2.40e-03	-1.95e-05	-2.94e-04	4.21e-06	-9.74e-05	5.61e-06
346	37	-2.11e-03	-1.59e-05	-2.71e-04	3.71e-06	-8.58e-05	5.16e-06
347	1	0.0	0.0	0.0	0.0	0.0	0.0
347	25	0.0	0.0	0.0	0.0	0.0	0.0
347	37	0.0	0.0	0.0	0.0	0.0	0.0
348	7	-0.03	-1.93e-03	-3.23e-03	-2.35e-05	5.73e-04	2.09e-04
348	8	-0.03	-1.93e-03	-3.24e-03	-2.35e-05	5.73e-04	2.09e-04
348	31	-0.02	-1.43e-03	-2.41e-03	-1.74e-05	4.24e-04	1.55e-04
348	32	-0.02	-1.43e-03	-2.41e-03	-1.74e-05	4.24e-04	1.55e-04
348	37	-0.02	-1.27e-03	-2.17e-03	-1.53e-05	3.72e-04	1.39e-04
349	7	-0.04	-1.90e-03	-2.30e-03	-3.83e-06	9.33e-05	1.58e-04
349	8	-0.04	-1.90e-03	-2.30e-03	-3.83e-06	9.33e-05	1.58e-04
349	31	-0.03	-1.41e-03	-1.72e-03	-2.82e-06	6.88e-05	1.18e-04
349	32	-0.03	-1.41e-03	-1.72e-03	-2.83e-06	6.88e-05	1.18e-04
349	37	-0.03	-1.25e-03	-1.56e-03	-2.45e-06	5.98e-05	1.06e-04
350	7	-0.04	-1.68e-03	-1.79e-03	4.37e-06	-1.06e-04	1.21e-04
350	8	-0.04	-1.67e-03	-1.79e-03	4.37e-06	-1.06e-04	1.21e-04
350	31	-0.03	-1.24e-03	-1.34e-03	3.24e-06	-7.90e-05	8.98e-05
350	32	-0.03	-1.24e-03	-1.34e-03	3.24e-06	-7.89e-05	8.98e-05
350	37	-0.03	-1.10e-03	-1.22e-03	2.87e-06	-7.00e-05	8.07e-05
351	7	-0.03	-1.23e-03	-1.40e-03	8.61e-06	-2.10e-04	8.40e-05
351	8	-0.03	-1.23e-03	-1.40e-03	8.61e-06	-2.10e-04	8.40e-05
351	31	-0.02	-9.14e-04	-1.05e-03	6.38e-06	-1.55e-04	6.26e-05
351	32	-0.02	-9.12e-04	-1.05e-03	6.37e-06	-1.55e-04	6.26e-05
351	37	-0.02	-8.05e-04	-9.63e-04	5.62e-06	-1.37e-04	5.65e-05
352	7	-0.02	-7.22e-04	-1.07e-03	1.00e-05	-2.45e-04	4.88e-05
352	8	-0.02	-7.20e-04	-1.07e-03	1.00e-05	-2.44e-04	4.88e-05
352	31	-0.02	-5.34e-04	-8.03e-04	7.44e-06	-1.81e-04	3.64e-05
352	32	-0.02	-5.33e-04	-8.04e-04	7.43e-06	-1.81e-04	3.64e-05
352	37	-0.01	-4.69e-04	-7.38e-04	6.55e-06	-1.60e-04	3.30e-05
353	7	-0.01	-2.62e-04	-7.56e-04	9.03e-06	-2.20e-04	1.78e-05
353	8	-0.01	-2.61e-04	-7.58e-04	9.02e-06	-2.20e-04	1.78e-05
353	31	-8.45e-03	-1.93e-04	-5.67e-04	6.68e-06	-1.63e-04	1.34e-05
353	32	-8.45e-03	-1.92e-04	-5.68e-04	6.68e-06	-1.63e-04	1.34e-05
353	37	-7.46e-03	-1.67e-04	-5.22e-04	5.89e-06	-1.44e-04	1.24e-05
354	7	-3.25e-03	3.10e-05	-4.27e-04	5.67e-06	-1.38e-04	-4.09e-06
354	8	-3.25e-03	3.16e-05	-4.28e-04	5.67e-06	-1.38e-04	-4.08e-06
354	21	-2.83e-03	3.28e-05	-3.92e-04	4.93e-06	-1.20e-04	-3.20e-06
354	31	-2.41e-03	2.39e-05	-3.20e-04	4.20e-06	-1.02e-04	-2.95e-06
354	32	-2.41e-03	2.44e-05	-3.21e-04	4.20e-06	-1.02e-04	-2.95e-06
354	35	-2.13e-03	2.51e-05	-2.97e-04	3.71e-06	-9.03e-05	-2.36e-06
354	37	-2.13e-03	2.42e-05	-2.95e-04	3.71e-06	-9.03e-05	-2.36e-06
355	7	-0.03	-1.03e-03	-1.46e-03	3.17e-05	4.53e-04	8.94e-05
355	8	-0.03	-9.93e-04	-1.46e-03	3.17e-05	4.53e-04	8.92e-05
355	31	-0.02	-7.60e-04	-1.09e-03	2.34e-05	3.35e-04	6.59e-05
355	32	-0.02	-7.34e-04	-1.09e-03	2.34e-05	3.35e-04	6.58e-05
355	37	-0.02	-6.58e-04	-9.73e-04	2.05e-05	2.93e-04	5.72e-05

356	8	-0.04	5.09e-04	-6.37e-04	6.41e-06	9.17e-05	1.59e-04
356	22	-0.03	5.40e-04	-6.23e-04	5.89e-06	8.42e-05	1.46e-04
356	32	-0.03	3.82e-04	-4.81e-04	4.74e-06	6.77e-05	1.17e-04
356	36	-0.03	4.03e-04	-4.71e-04	4.38e-06	6.27e-05	1.09e-04
356	37	-0.02	3.38e-04	-4.50e-04	4.13e-06	5.90e-05	1.02e-04
357	8	-0.03	1.44e-04	-1.04e-03	5.30e-06	7.92e-05	1.37e-04
357	21	-0.03	2.17e-04	-9.73e-04	4.47e-06	6.73e-05	1.17e-04
357	32	-0.02	1.12e-04	-7.81e-04	3.90e-06	5.84e-05	1.01e-04
357	35	-0.02	1.62e-04	-7.38e-04	3.35e-06	5.05e-05	8.80e-05
357	37	-0.02	1.03e-04	-7.26e-04	3.38e-06	5.08e-05	8.81e-05
358	7	-0.02	-1.09e-03	-1.19e-03	1.46e-05	2.96e-04	6.29e-05
358	8	-0.02	-1.05e-03	-1.20e-03	1.46e-05	2.95e-04	6.26e-05
358	31	-0.02	-8.04e-04	-8.95e-04	1.08e-05	2.18e-04	4.63e-05
358	32	-0.02	-7.77e-04	-9.00e-04	1.08e-05	2.18e-04	4.61e-05
358	37	-0.02	-6.93e-04	-8.31e-04	9.39e-06	1.91e-04	4.00e-05
359	7	-0.04	1.22e-03	-3.55e-04	-4.60e-06	-6.58e-05	1.45e-04
359	8	-0.04	1.27e-03	-3.66e-04	-4.61e-06	-6.59e-05	1.45e-04
359	21	-0.03	1.20e-03	-3.86e-04	-3.99e-06	-5.71e-05	1.25e-04
359	31	-0.03	9.16e-04	-2.75e-04	-3.40e-06	-4.87e-05	1.08e-04
359	32	-0.03	9.46e-04	-2.82e-04	-3.41e-06	-4.87e-05	1.07e-04
359	35	-0.02	9.02e-04	-2.96e-04	-3.00e-06	-4.29e-05	9.40e-05
359	37	-0.02	8.44e-04	-2.81e-04	-2.99e-06	-4.27e-05	9.40e-05
360	7	-0.03	8.90e-04	-8.19e-04	-2.82e-06	-5.49e-05	1.30e-04
360	8	-0.03	9.35e-04	-8.30e-04	-2.84e-06	-5.50e-05	1.30e-04
360	22	-0.03	9.45e-04	-8.18e-04	-2.66e-06	-5.12e-05	1.20e-04
360	31	-0.02	6.71e-04	-6.21e-04	-2.10e-06	-4.06e-05	9.61e-05
360	32	-0.02	7.01e-04	-6.28e-04	-2.11e-06	-4.07e-05	9.61e-05
360	36	-0.02	7.08e-04	-6.20e-04	-1.98e-06	-3.82e-05	8.94e-05
360	37	-0.02	6.30e-04	-5.93e-04	-1.86e-06	-3.58e-05	8.41e-05
361	7	-0.03	1.53e-03	-2.76e-04	-1.06e-05	-1.51e-04	1.15e-04
361	8	-0.03	1.57e-03	-2.90e-04	-1.06e-05	-1.51e-04	1.15e-04
361	21	-0.03	1.47e-03	-3.33e-04	-9.10e-06	-1.30e-04	9.95e-05
361	31	-0.02	1.15e-03	-2.18e-04	-7.81e-06	-1.12e-04	8.53e-05
361	32	-0.02	1.17e-03	-2.28e-04	-7.81e-06	-1.12e-04	8.53e-05
361	35	-0.02	1.11e-03	-2.56e-04	-6.83e-06	-9.77e-05	7.48e-05
361	37	-0.02	1.05e-03	-2.37e-04	-6.83e-06	-9.76e-05	7.47e-05
362	7	-0.03	1.27e-03	-6.84e-04	-8.03e-06	-1.35e-04	1.06e-04
362	8	-0.03	1.31e-03	-6.96e-04	-8.04e-06	-1.35e-04	1.06e-04
362	31	-0.02	9.54e-04	-5.21e-04	-5.94e-06	-9.98e-05	7.82e-05
362	32	-0.02	9.82e-04	-5.29e-04	-5.94e-06	-9.98e-05	7.82e-05
362	37	-0.02	8.84e-04	-5.06e-04	-5.20e-06	-8.73e-05	6.85e-05
363	7	-0.02	1.50e-03	-2.83e-04	-1.34e-05	-1.92e-04	8.17e-05
363	8	-0.02	1.54e-03	-3.00e-04	-1.34e-05	-1.92e-04	8.17e-05
363	21	-0.02	1.44e-03	-3.47e-04	-1.16e-05	-1.65e-04	7.07e-05
363	31	-0.02	1.12e-03	-2.24e-04	-9.93e-06	-1.42e-04	6.04e-05
363	32	-0.02	1.15e-03	-2.35e-04	-9.93e-06	-1.42e-04	6.05e-05
363	35	-0.02	1.08e-03	-2.67e-04	-8.68e-06	-1.24e-04	5.31e-05
363	37	-0.02	1.03e-03	-2.44e-04	-8.68e-06	-1.24e-04	5.30e-05
364	7	-0.02	1.32e-03	-5.87e-04	-1.08e-05	-1.76e-04	7.71e-05
364	8	-0.02	1.35e-03	-6.01e-04	-1.08e-05	-1.76e-04	7.72e-05
364	22	-0.02	1.33e-03	-6.07e-04	-9.99e-06	-1.62e-04	7.14e-05
364	31	-0.02	9.88e-04	-4.49e-04	-8.00e-06	-1.30e-04	5.71e-05
364	32	-0.02	1.01e-03	-4.58e-04	-8.00e-06	-1.30e-04	5.71e-05
364	36	-0.01	9.96e-04	-4.62e-04	-7.44e-06	-1.21e-04	5.33e-05
364	37	-0.01	9.14e-04	-4.41e-04	-6.99e-06	-1.13e-04	5.01e-05
365	7	-0.02	1.23e-03	-3.09e-04	-1.38e-05	-1.98e-04	4.91e-05
365	8	-0.02	1.26e-03	-3.27e-04	-1.38e-05	-1.97e-04	4.92e-05
365	21	-0.01	1.18e-03	-3.70e-04	-1.19e-05	-1.70e-04	4.26e-05
365	31	-0.01	9.23e-04	-2.43e-04	-1.02e-05	-1.46e-04	3.64e-05
365	32	-0.01	9.43e-04	-2.55e-04	-1.02e-05	-1.46e-04	3.64e-05
365	35	-0.01	8.93e-04	-2.84e-04	-8.92e-06	-1.27e-04	3.20e-05
365	37	-0.01	8.53e-04	-2.60e-04	-8.92e-06	-1.28e-04	3.20e-05
366	7	-0.01	1.11e-03	-4.94e-04	-1.14e-05	-1.82e-04	4.94e-05
366	8	-0.01	1.14e-03	-5.07e-04	-1.14e-05	-1.82e-04	4.95e-05
366	22	-0.01	1.12e-03	-5.16e-04	-1.05e-05	-1.68e-04	4.59e-05
366	31	-0.01	8.36e-04	-3.79e-04	-8.44e-06	-1.35e-04	3.66e-05
366	32	-0.01	8.56e-04	-3.87e-04	-8.44e-06	-1.35e-04	3.66e-05
366	36	-9.75e-03	8.42e-04	-3.93e-04	-7.84e-06	-1.25e-04	3.42e-05
366	37	-9.17e-03	7.75e-04	-3.74e-04	-7.37e-06	-1.18e-04	3.22e-05
367	7	-8.13e-03	8.17e-04	-3.10e-04	-1.18e-05	-1.69e-04	2.05e-05
367	8	-8.13e-03	8.38e-04	-3.27e-04	-1.18e-05	-1.69e-04	2.05e-05
367	21	-6.99e-03	7.96e-04	-3.59e-04	-1.02e-05	-1.45e-04	1.79e-05
367	31	-6.01e-03	6.15e-04	-2.42e-04	-8.72e-06	-1.25e-04	1.52e-05
367	32	-6.01e-03	6.29e-04	-2.53e-04	-8.72e-06	-1.25e-04	1.52e-05
367	35	-5.25e-03	6.01e-04	-2.74e-04	-7.62e-06	-1.09e-04	1.34e-05
367	37	-5.25e-03	5.73e-04	-2.53e-04	-7.62e-06	-1.09e-04	1.34e-05
368	7	-7.36e-03	7.52e-04	-3.76e-04	-9.87e-06	-1.56e-04	2.54e-05

368	8	-7.35e-03	7.73e-04	-3.86e-04	-9.86e-06	-1.56e-04	2.54e-05
368	22	-6.77e-03	7.62e-04	-3.94e-04	-9.08e-06	-1.44e-04	2.36e-05
368	31	-5.43e-03	5.66e-04	-2.88e-04	-7.29e-06	-1.16e-04	1.88e-05
368	32	-5.43e-03	5.80e-04	-2.95e-04	-7.29e-06	-1.16e-04	1.88e-05
368	36	-5.05e-03	5.73e-04	-3.00e-04	-6.77e-06	-1.07e-04	1.76e-05
368	37	-4.75e-03	5.29e-04	-2.85e-04	-6.36e-06	-1.01e-04	1.66e-05
369	7	-2.32e-03	3.66e-04	-2.43e-04	-7.30e-06	-1.04e-04	0.0
369	8	-2.31e-03	3.77e-04	-2.55e-04	-7.30e-06	-1.04e-04	0.0
369	21	-1.99e-03	3.66e-04	-2.72e-04	-6.28e-06	-8.98e-05	0.0
369	31	-1.71e-03	2.77e-04	-1.88e-04	-5.40e-06	-7.72e-05	0.0
369	32	-1.71e-03	2.84e-04	-1.96e-04	-5.40e-06	-7.72e-05	0.0
369	35	-1.49e-03	2.77e-04	-2.07e-04	-4.72e-06	-6.74e-05	0.0
369	37	-1.50e-03	2.62e-04	-1.92e-04	-4.72e-06	-6.74e-05	0.0
370	7	-2.16e-03	3.35e-04	-2.11e-04	-6.17e-06	-9.72e-05	7.88e-06
370	8	-2.16e-03	3.45e-04	-2.17e-04	-6.17e-06	-9.71e-05	7.90e-06
370	22	-1.99e-03	3.43e-04	-2.22e-04	-5.68e-06	-8.95e-05	7.34e-06
370	31	-1.60e-03	2.53e-04	-1.62e-04	-4.56e-06	-7.18e-05	5.84e-06
370	32	-1.60e-03	2.60e-04	-1.66e-04	-4.55e-06	-7.18e-05	5.85e-06
370	36	-1.48e-03	2.59e-04	-1.69e-04	-4.23e-06	-6.67e-05	5.48e-06
370	37	-1.40e-03	2.39e-04	-1.61e-04	-3.98e-06	-6.27e-05	5.15e-06
371	1	0.0	0.0	0.0	0.0	0.0	0.0
371	25	0.0	0.0	0.0	0.0	0.0	0.0
371	37	0.0	0.0	0.0	0.0	0.0	0.0
372	7	-0.03	-1.17e-04	-1.20e-03	5.46e-06	6.78e-05	1.18e-04
372	8	-0.03	-7.19e-05	-1.21e-03	5.44e-06	6.75e-05	1.18e-04
372	31	-0.02	-7.66e-05	-9.03e-04	4.02e-06	4.99e-05	8.74e-05
372	32	-0.02	-4.68e-05	-9.10e-04	4.01e-06	4.97e-05	8.74e-05
372	37	-0.02	-3.65e-05	-8.48e-04	3.49e-06	4.30e-05	7.65e-05
373	7	-0.02	-1.07e-03	-1.20e-03	1.68e-05	1.87e-04	6.53e-05
373	8	-0.02	-1.03e-03	-1.21e-03	1.68e-05	1.86e-04	6.51e-05
373	31	-0.02	-7.86e-04	-9.03e-04	1.24e-05	1.38e-04	4.81e-05
373	32	-0.02	-7.58e-04	-9.09e-04	1.24e-05	1.37e-04	4.80e-05
373	37	-0.01	-6.74e-04	-8.49e-04	1.08e-05	1.20e-04	4.17e-05
374	7	-0.03	6.40e-04	-1.12e-03	-3.76e-06	-4.07e-05	1.15e-04
374	8	-0.03	6.85e-04	-1.13e-03	-3.77e-06	-4.09e-05	1.15e-04
374	22	-0.03	7.16e-04	-1.10e-03	-3.51e-06	-3.83e-05	1.07e-04
374	31	-0.02	4.87e-04	-8.42e-04	-2.78e-06	-3.02e-05	8.53e-05
374	32	-0.02	5.17e-04	-8.50e-04	-2.79e-06	-3.04e-05	8.53e-05
374	36	-0.02	5.37e-04	-8.30e-04	-2.61e-06	-2.86e-05	7.95e-05
374	37	-0.02	4.69e-04	-7.94e-04	-2.45e-06	-2.68e-05	7.48e-05
375	7	-0.02	1.06e-03	-9.98e-04	-9.26e-06	-1.14e-04	9.44e-05
375	8	-0.02	1.10e-03	-1.01e-03	-9.27e-06	-1.14e-04	9.45e-05
375	22	-0.02	1.10e-03	-9.88e-04	-8.56e-06	-1.05e-04	8.75e-05
375	31	-0.02	7.97e-04	-7.55e-04	-6.85e-06	-8.41e-05	6.99e-05
375	32	-0.02	8.25e-04	-7.62e-04	-6.85e-06	-8.41e-05	6.99e-05
375	36	-0.02	8.26e-04	-7.48e-04	-6.38e-06	-7.84e-05	6.53e-05
375	37	-0.02	7.46e-04	-7.15e-04	-5.99e-06	-7.37e-05	6.14e-05
376	7	-0.02	1.15e-03	-8.58e-04	-1.21e-05	-1.53e-04	6.94e-05
376	8	-0.02	1.19e-03	-8.69e-04	-1.21e-05	-1.54e-04	6.95e-05
376	31	-0.01	8.68e-04	-6.50e-04	-8.92e-06	-1.13e-04	5.14e-05
376	32	-0.01	8.93e-04	-6.57e-04	-8.92e-06	-1.13e-04	5.15e-05
376	37	-0.01	8.08e-04	-6.18e-04	-7.80e-06	-9.91e-05	4.53e-05
377	7	-0.01	9.99e-04	-6.90e-04	-1.26e-05	-1.62e-04	4.54e-05
377	8	-0.01	1.03e-03	-7.00e-04	-1.26e-05	-1.62e-04	4.54e-05
377	31	-9.34e-03	7.52e-04	-5.23e-04	-9.27e-06	-1.20e-04	3.36e-05
377	32	-9.34e-03	7.72e-04	-5.30e-04	-9.27e-06	-1.20e-04	3.37e-05
377	37	-8.15e-03	7.01e-04	-5.00e-04	-8.10e-06	-1.05e-04	2.96e-05
378	7	-6.53e-03	6.85e-04	-4.90e-04	-1.08e-05	-1.40e-04	2.44e-05
378	8	-6.52e-03	7.06e-04	-4.97e-04	-1.08e-05	-1.40e-04	2.44e-05
378	31	-4.82e-03	5.17e-04	-3.72e-04	-7.98e-06	-1.03e-04	1.81e-05
378	32	-4.82e-03	5.30e-04	-3.77e-04	-7.97e-06	-1.03e-04	1.81e-05
378	37	-4.20e-03	4.84e-04	-3.57e-04	-6.97e-06	-9.02e-05	1.59e-05
379	7	-1.89e-03	3.12e-04	-2.59e-04	-6.73e-06	-8.66e-05	8.34e-06
379	8	-1.89e-03	3.22e-04	-2.63e-04	-6.73e-06	-8.66e-05	8.36e-06
379	31	-1.40e-03	2.36e-04	-1.97e-04	-4.97e-06	-6.40e-05	6.18e-06
379	32	-1.39e-03	2.43e-04	-2.00e-04	-4.97e-06	-6.40e-05	6.19e-06
379	37	-1.22e-03	2.23e-04	-1.89e-04	-4.35e-06	-5.58e-05	5.45e-06
380	1	0.0	0.0	0.0	0.0	0.0	0.0
380	25	0.0	0.0	0.0	0.0	0.0	0.0
380	37	0.0	0.0	0.0	0.0	0.0	0.0
381	7	-0.02	-2.54e-04	-1.42e-03	3.26e-06	5.57e-05	9.61e-05
381	8	-0.02	-2.08e-04	-1.43e-03	3.22e-06	5.52e-05	9.61e-05
381	31	-0.02	-1.78e-04	-1.07e-03	2.39e-06	4.09e-05	7.11e-05
381	32	-0.02	-1.47e-04	-1.07e-03	2.36e-06	4.06e-05	7.11e-05
381	37	-0.02	-1.24e-04	-1.00e-03	2.01e-06	3.49e-05	6.24e-05
382	7	-0.02	-1.18e-03	-1.40e-03	7.13e-06	1.30e-04	6.59e-05
382	8	-0.02	-1.14e-03	-1.41e-03	7.08e-06	1.30e-04	6.57e-05

382	31	-0.01	-8.70e-04	-1.05e-03	5.24e-06	9.60e-05	4.86e-05
382	32	-0.01	-8.41e-04	-1.06e-03	5.21e-06	9.56e-05	4.85e-05
382	37	-0.01	-7.45e-04	-9.88e-04	4.48e-06	8.28e-05	4.24e-05
383	7	-0.02	4.88e-04	-1.39e-03	-1.39e-06	-2.95e-05	9.48e-05
383	8	-0.02	5.34e-04	-1.40e-03	-1.41e-06	-2.99e-05	9.50e-05
383	22	-0.02	5.78e-04	-1.36e-03	-1.37e-06	-2.83e-05	8.81e-05
383	31	-0.02	3.74e-04	-1.05e-03	-1.04e-06	-2.20e-05	7.02e-05
383	32	-0.02	4.05e-04	-1.06e-03	-1.06e-06	-2.22e-05	7.03e-05
383	36	-0.02	4.34e-04	-1.03e-03	-1.03e-06	-2.12e-05	6.57e-05
383	37	-0.02	3.71e-04	-9.81e-04	0.0	-1.98e-05	6.19e-05
384	7	-0.02	9.19e-04	-1.29e-03	-5.60e-06	-9.55e-05	7.81e-05
384	8	-0.02	9.62e-04	-1.30e-03	-5.61e-06	-9.56e-05	7.83e-05
384	22	-0.02	9.75e-04	-1.27e-03	-5.19e-06	-8.85e-05	7.29e-05
384	31	-0.02	6.94e-04	-9.74e-04	-4.14e-06	-7.06e-05	5.79e-05
384	32	-0.02	7.23e-04	-9.82e-04	-4.15e-06	-7.07e-05	5.80e-05
384	36	-0.01	7.32e-04	-9.56e-04	-3.87e-06	-6.60e-05	5.44e-05
384	37	-0.01	6.57e-04	-9.13e-04	-3.63e-06	-6.19e-05	5.12e-05
385	7	-0.02	1.04e-03	-1.13e-03	-8.30e-06	-1.35e-04	5.74e-05
385	8	-0.02	1.08e-03	-1.14e-03	-8.29e-06	-1.35e-04	5.76e-05
385	31	-0.01	7.83e-04	-8.49e-04	-6.13e-06	-9.94e-05	4.26e-05
385	32	-0.01	8.08e-04	-8.57e-04	-6.13e-06	-9.94e-05	4.27e-05
385	37	-0.01	7.33e-04	-7.97e-04	-5.34e-06	-8.68e-05	3.78e-05
386	7	-0.01	9.14e-04	-9.01e-04	-9.12e-06	-1.45e-04	3.74e-05
386	8	-0.01	9.44e-04	-9.10e-04	-9.11e-06	-1.45e-04	3.76e-05
386	31	-8.33e-03	6.89e-04	-6.80e-04	-6.73e-06	-1.07e-04	2.78e-05
386	32	-8.32e-03	7.08e-04	-6.86e-04	-6.72e-06	-1.07e-04	2.79e-05
386	37	-7.25e-03	6.44e-04	-6.40e-04	-5.86e-06	-9.33e-05	2.47e-05
387	7	-5.80e-03	6.34e-04	-6.30e-04	-7.95e-06	-1.26e-04	2.00e-05
387	8	-5.79e-03	6.54e-04	-6.37e-04	-7.94e-06	-1.26e-04	2.01e-05
387	31	-4.28e-03	4.78e-04	-4.76e-04	-5.87e-06	-9.28e-05	1.49e-05
387	32	-4.27e-03	4.92e-04	-4.81e-04	-5.86e-06	-9.27e-05	1.49e-05
387	37	-3.72e-03	4.50e-04	-4.49e-04	-5.10e-06	-8.09e-05	1.32e-05
388	7	-1.65e-03	2.97e-04	-3.29e-04	-4.83e-06	-7.71e-05	6.66e-06
388	8	-1.65e-03	3.07e-04	-3.32e-04	-4.82e-06	-7.70e-05	6.69e-06
388	22	-1.51e-03	3.08e-04	-3.24e-04	-4.42e-06	-7.08e-05	6.25e-06
388	31	-1.22e-03	2.25e-04	-2.48e-04	-3.56e-06	-5.69e-05	4.94e-06
388	32	-1.22e-03	2.32e-04	-2.51e-04	-3.56e-06	-5.68e-05	4.96e-06
388	36	-1.13e-03	2.32e-04	-2.45e-04	-3.29e-06	-5.27e-05	4.67e-06
388	37	-1.06e-03	2.13e-04	-2.35e-04	-3.10e-06	-4.96e-05	4.38e-06
389	1	0.0	0.0	0.0	0.0	0.0	0.0
389	25	0.0	0.0	0.0	0.0	0.0	0.0
389	37	0.0	0.0	0.0	0.0	0.0	0.0
390	7	-0.02	-3.37e-04	-1.75e-03	3.62e-06	4.87e-05	7.29e-05
390	8	-0.02	-2.89e-04	-1.76e-03	3.59e-06	4.81e-05	7.31e-05
390	31	-0.02	-2.38e-04	-1.32e-03	2.66e-06	3.57e-05	5.41e-05
390	32	-0.02	-2.06e-04	-1.33e-03	2.63e-06	3.53e-05	5.42e-05
390	37	-0.01	-1.74e-04	-1.23e-03	2.26e-06	3.00e-05	4.78e-05
391	7	-0.02	-1.35e-03	-1.73e-03	8.11e-06	1.04e-04	6.08e-05
391	8	-0.02	-1.31e-03	-1.74e-03	8.07e-06	1.03e-04	6.07e-05
391	31	-0.01	-9.92e-04	-1.30e-03	5.97e-06	7.62e-05	4.50e-05
391	32	-0.01	-9.62e-04	-1.31e-03	5.94e-06	7.57e-05	4.49e-05
391	37	-0.01	-8.49e-04	-1.21e-03	5.13e-06	6.51e-05	3.94e-05
392	7	-0.02	4.32e-04	-1.74e-03	-1.99e-06	-2.08e-05	6.95e-05
392	8	-0.02	4.80e-04	-1.75e-03	-2.01e-06	-2.11e-05	6.98e-05
392	21	-0.02	5.35e-04	-1.63e-03	-1.81e-06	-1.96e-05	6.15e-05
392	31	-0.02	3.34e-04	-1.31e-03	-1.48e-06	-1.55e-05	5.16e-05
392	32	-0.02	3.66e-04	-1.32e-03	-1.50e-06	-1.58e-05	5.18e-05
392	35	-0.01	4.03e-04	-1.23e-03	-1.36e-06	-1.48e-05	4.63e-05
392	37	-0.01	3.38e-04	-1.22e-03	-1.33e-06	-1.43e-05	4.59e-05
393	7	-0.02	8.65e-04	-1.63e-03	-6.47e-06	-8.09e-05	5.67e-05
393	8	-0.02	9.10e-04	-1.64e-03	-6.48e-06	-8.10e-05	5.70e-05
393	22	-0.02	9.29e-04	-1.59e-03	-6.00e-06	-7.50e-05	5.36e-05
393	31	-0.01	6.55e-04	-1.23e-03	-4.78e-06	-5.98e-05	4.22e-05
393	32	-0.01	6.85e-04	-1.24e-03	-4.79e-06	-5.99e-05	4.24e-05
393	36	-0.01	6.98e-04	-1.20e-03	-4.47e-06	-5.59e-05	4.01e-05
393	37	-0.01	6.24e-04	-1.14e-03	-4.20e-06	-5.25e-05	3.77e-05
394	7	-0.02	9.83e-04	-1.42e-03	-9.17e-06	-4.13e-04	4.13e-05
394	8	-0.02	1.02e-03	-1.44e-03	-9.17e-06	-1.19e-04	4.16e-05
394	22	-0.01	1.02e-03	-1.39e-03	-8.45e-06	-1.10e-04	3.93e-05
394	31	-0.01	7.41e-04	-1.07e-03	-6.78e-06	-8.81e-05	3.07e-05
394	32	-0.01	7.67e-04	-1.08e-03	-6.78e-06	-8.81e-05	3.09e-05
394	36	-0.01	7.68e-04	-1.05e-03	-6.30e-06	-8.18e-05	2.94e-05
394	37	-9.82e-03	6.97e-04	-9.99e-04	-5.92e-06	-7.68e-05	2.76e-05
395	7	-0.01	8.63e-04	-1.14e-03	-9.90e-06	-1.31e-04	2.66e-05
395	8	-0.01	8.93e-04	-1.15e-03	-9.90e-06	-1.31e-04	2.68e-05
395	31	-7.54e-03	6.51e-04	-8.55e-04	-7.31e-06	-9.67e-05	1.98e-05
395	32	-7.53e-03	6.71e-04	-8.62e-04	-7.31e-06	-9.66e-05	1.99e-05

395	37	-6.55e-03	6.10e-04	-7.97e-04	-6.38e-06	-8.41e-05	1.78e-05
396	7	-5.24e-03	5.99e-04	-7.89e-04	-8.60e-06	-1.14e-04	1.39e-05
396	8	-5.23e-03	6.20e-04	-7.96e-04	-8.59e-06	-1.14e-04	1.41e-05
396	31	-3.86e-03	4.53e-04	-5.94e-04	-6.35e-06	-8.44e-05	1.04e-05
396	32	-3.86e-03	4.66e-04	-5.99e-04	-6.35e-06	-8.42e-05	1.05e-05
396	37	-3.36e-03	4.26e-04	-5.55e-04	-5.53e-06	-7.33e-05	9.36e-06
397	7	-1.48e-03	2.86e-04	-4.07e-04	-5.26e-06	-6.96e-05	4.48e-06
397	8	-1.48e-03	2.96e-04	-4.11e-04	-5.25e-06	-6.95e-05	4.52e-06
397	22	-1.35e-03	2.97e-04	-3.98e-04	-4.83e-06	-6.38e-05	4.28e-06
397	31	-1.09e-03	2.16e-04	-3.07e-04	-3.88e-06	-5.14e-05	3.34e-06
397	32	-1.09e-03	2.23e-04	-3.09e-04	-3.88e-06	-5.13e-05	3.37e-06
397	36	-1.01e-03	2.24e-04	-3.01e-04	-3.59e-06	-4.74e-05	3.21e-06
397	37	-9.47e-04	2.06e-04	-2.87e-04	-3.38e-06	-4.46e-05	3.01e-06
398	1	0.0	0.0	0.0	0.0	0.0	0.0
398	25	0.0	0.0	0.0	0.0	0.0	0.0
398	37	0.0	0.0	0.0	0.0	0.0	0.0
399	7	-0.02	-3.41e-04	-2.24e-03	3.40e-06	4.93e-05	4.83e-05
399	8	-0.02	-2.91e-04	-2.25e-03	3.35e-06	4.85e-05	4.86e-05
399	31	-0.01	-2.40e-04	-1.68e-03	2.48e-06	3.59e-05	3.60e-05
399	32	-0.01	-2.06e-04	-1.69e-03	2.45e-06	3.54e-05	3.62e-05
399	37	-0.01	-1.71e-04	-1.55e-03	2.07e-06	2.99e-05	3.23e-05
400	7	-0.02	-1.52e-03	-2.22e-03	6.73e-06	9.62e-05	5.06e-05
400	8	-0.02	-1.47e-03	-2.23e-03	6.67e-06	9.52e-05	5.06e-05
400	31	-0.01	-1.12e-03	-1.66e-03	4.93e-06	7.05e-05	3.75e-05
400	32	-0.01	-1.09e-03	-1.67e-03	4.89e-06	6.98e-05	3.75e-05
400	37	-0.01	-9.57e-04	-1.54e-03	4.18e-06	5.96e-05	3.32e-05
401	7	-0.02	4.78e-04	-2.21e-03	0.0	-1.31e-05	4.09e-05
401	8	-0.02	5.29e-04	-2.23e-03	-1.03e-06	-1.36e-05	4.14e-05
401	21	-0.02	5.87e-04	-2.05e-03	-1.00e-06	-1.34e-05	3.79e-05
401	31	-0.01	3.69e-04	-1.66e-03	0.0	-9.94e-06	3.06e-05
401	32	-0.01	4.03e-04	-1.67e-03	0.0	-1.02e-05	3.09e-05
401	35	-0.01	4.42e-04	-1.55e-03	0.0	-1.01e-05	2.86e-05
401	37	-0.01	3.73e-04	-1.53e-03	0.0	-2.79e-06	2.79e-05
402	7	-0.02	8.95e-04	-2.06e-03	-5.03e-06	-7.07e-05	3.13e-05
402	8	-0.02	9.42e-04	-2.07e-03	-5.04e-06	-7.08e-05	3.18e-05
402	22	-0.02	9.63e-04	-1.99e-03	-4.67e-06	-6.55e-05	3.09e-05
402	31	-0.01	6.78e-04	-1.54e-03	-3.72e-06	-5.23e-05	2.35e-05
402	32	-0.01	7.10e-04	-1.56e-03	-3.73e-06	-5.23e-05	2.39e-05
402	36	-0.01	7.23e-04	-1.50e-03	-3.48e-06	-4.88e-05	2.32e-05
402	37	-0.01	6.46e-04	-1.43e-03	-3.26e-06	-4.58e-05	2.18e-05
403	7	-0.01	9.81e-04	-1.78e-03	-7.72e-06	-1.09e-04	2.20e-05
403	8	-0.01	1.02e-03	-1.79e-03	-7.71e-06	-1.09e-04	2.24e-05
403	22	-0.01	1.02e-03	-1.72e-03	-7.08e-06	-1.00e-04	2.20e-05
403	31	-0.01	7.40e-04	-1.34e-03	-5.70e-06	-8.06e-05	1.66e-05
403	32	-0.01	7.67e-04	-1.34e-03	-5.69e-06	-8.05e-05	1.69e-05
403	36	-9.68e-03	7.69e-04	-1.30e-03	-5.27e-06	-7.46e-05	1.66e-05
403	37	-9.10e-03	6.97e-04	-1.24e-03	-4.95e-06	-7.01e-05	1.55e-05
404	7	-9.56e-03	8.40e-04	-1.40e-03	-8.61e-06	-1.22e-04	1.37e-05
404	8	-9.53e-03	8.71e-04	-1.41e-03	-8.59e-06	-1.22e-04	1.41e-05
404	31	-7.04e-03	6.34e-04	-1.05e-03	-6.35e-06	-9.00e-05	1.04e-05
404	32	-7.03e-03	6.54e-04	-1.06e-03	-6.34e-06	-8.99e-05	1.06e-05
404	37	-6.10e-03	5.95e-04	-9.76e-04	-5.51e-06	-7.80e-05	9.79e-06
405	7	-4.90e-03	5.75e-04	-9.64e-04	-7.55e-06	-1.07e-04	6.94e-06
405	8	-4.89e-03	5.95e-04	-9.72e-04	-7.53e-06	-1.07e-04	7.11e-06
405	31	-3.61e-03	4.34e-04	-7.24e-04	-5.56e-06	-7.90e-05	5.25e-06
405	32	-3.60e-03	4.48e-04	-7.30e-04	-5.55e-06	-7.88e-05	5.36e-06
405	37	-3.12e-03	4.09e-04	-6.72e-04	-4.82e-06	-6.84e-05	4.98e-06
406	7	-1.38e-03	2.73e-04	-4.92e-04	-4.59e-06	-6.52e-05	2.12e-06
406	8	-1.37e-03	2.83e-04	-4.96e-04	-4.58e-06	-6.50e-05	2.17e-06
406	22	-1.25e-03	2.85e-04	-4.78e-04	-4.19e-06	-5.94e-05	2.16e-06
406	31	-1.02e-03	2.07e-04	-3.70e-04	-3.38e-06	-4.80e-05	1.61e-06
406	32	-1.01e-03	2.14e-04	-3.73e-04	-3.37e-06	-4.79e-05	1.64e-06
406	36	-9.33e-04	2.15e-04	-3.61e-04	-3.11e-06	-4.42e-05	1.63e-06
406	37	-8.78e-04	1.97e-04	-3.44e-04	-2.93e-06	-4.16e-05	1.53e-06
407	1	0.0	0.0	0.0	0.0	0.0	0.0
407	25	0.0	0.0	0.0	0.0	0.0	0.0
407	37	0.0	0.0	0.0	0.0	0.0	0.0
408	7	-0.02	-2.34e-04	-2.94e-03	5.09e-06	5.74e-05	2.11e-05
408	8	-0.02	-1.79e-04	-2.96e-03	5.01e-06	5.65e-05	2.17e-05
408	31	-0.01	-1.59e-04	-2.20e-03	3.71e-06	4.18e-05	1.61e-05
408	32	-0.01	-1.22e-04	-2.22e-03	3.65e-06	4.12e-05	1.64e-05
408	37	-0.01	-9.35e-05	-2.02e-03	3.07e-06	3.47e-05	1.54e-05
409	7	-0.01	-1.64e-03	-2.94e-03	8.13e-06	1.02e-04	3.65e-05
409	8	-0.01	-1.60e-03	-2.95e-03	8.02e-06	1.01e-04	3.68e-05
409	31	-0.01	-1.21e-03	-2.20e-03	5.94e-06	7.49e-05	2.72e-05
409	32	-0.01	-1.18e-03	-2.21e-03	5.87e-06	7.41e-05	2.74e-05
409	37	-9.51e-03	-1.04e-03	-2.02e-03	4.97e-06	6.29e-05	2.46e-05

410	7	-0.02	6.32e-04	-2.85e-03	0.0	-5.79e-06	9.39e-06
410	8	-0.02	6.87e-04	-2.87e-03	0.0	-6.32e-06	1.01e-05
410	22	-0.02	7.40e-04	-2.75e-03	0.0	-7.14e-06	1.15e-05
410	31	-0.01	4.85e-04	-2.14e-03	0.0	-4.57e-06	7.48e-06
410	32	-0.01	5.22e-04	-2.15e-03	0.0	-4.92e-06	7.97e-06
410	36	-0.01	5.57e-04	-2.07e-03	0.0	-5.47e-06	8.90e-06
410	37	-0.01	4.81e-04	-1.96e-03	0.0	-4.92e-06	8.27e-06
411	7	-0.02	9.97e-04	-2.59e-03	-4.31e-06	-6.51e-05	3.62e-06
411	8	-0.02	1.05e-03	-2.61e-03	-4.31e-06	-6.52e-05	4.34e-06
411	22	-0.02	1.06e-03	-2.50e-03	-3.97e-06	-6.02e-05	6.14e-06
411	31	-0.01	7.55e-04	-1.94e-03	-3.18e-06	-4.81e-05	3.20e-06
411	32	-0.01	7.88e-04	-1.96e-03	-3.18e-06	-4.82e-05	3.68e-06
411	36	-0.01	7.99e-04	-1.88e-03	-2.95e-06	-4.49e-05	4.88e-06
411	37	-0.01	7.16e-04	-1.79e-03	-2.77e-06	-4.21e-05	4.47e-06
412	7	-0.01	1.02e-03	-2.19e-03	-7.23e-06	-1.05e-04	1.27e-06
412	8	-0.01	1.06e-03	-2.21e-03	-7.21e-06	-1.05e-04	1.86e-06
412	22	-0.01	1.06e-03	-2.12e-03	-6.56e-06	-9.57e-05	3.46e-06
412	31	-0.01	7.67e-04	-1.64e-03	-5.32e-06	-7.73e-05	1.37e-06
412	32	-0.01	7.94e-04	-1.65e-03	-5.30e-06	-7.71e-05	1.76e-06
412	36	-9.36e-03	7.95e-04	-1.59e-03	-4.87e-06	-7.12e-05	2.83e-06
412	37	-8.80e-03	7.20e-04	-1.52e-03	-4.58e-06	-6.69e-05	2.55e-06
413	7	-9.33e-03	8.33e-04	-1.70e-03	-8.24e-06	-1.19e-04	0.0
413	8	-9.29e-03	8.63e-04	-1.71e-03	-8.20e-06	-1.18e-04	0.0
413	31	-6.87e-03	6.27e-04	-1.27e-03	-6.06e-06	-6.73e-05	0.0
413	32	-6.84e-03	6.48e-04	-1.28e-03	-6.03e-06	-8.71e-05	0.0
413	37	-5.91e-03	5.87e-04	-1.17e-03	-5.20e-06	-7.54e-05	1.31e-06
414	7	-4.80e-03	5.49e-04	-1.15e-03	-7.30e-06	-1.05e-04	0.0
414	8	-4.78e-03	5.69e-04	-1.16e-03	-7.26e-06	-1.04e-04	0.0
414	31	-3.53e-03	4.14e-04	-8.63e-04	-5.36e-06	-7.70e-05	0.0
414	32	-3.52e-03	4.28e-04	-8.69e-04	-5.34e-06	-7.67e-05	0.0
414	37	-3.04e-03	3.90e-04	-7.97e-04	-4.59e-06	-6.64e-05	0.0
415	7	-1.35e-03	2.53e-04	-5.79e-04	-4.48e-06	-6.38e-05	0.0
415	8	-1.35e-03	2.63e-04	-5.83e-04	-4.46e-06	-6.36e-05	0.0
415	22	-1.22e-03	2.65e-04	-5.60e-04	-4.03e-06	-5.78e-05	0.0
415	31	-9.96e-04	1.91e-04	-4.35e-04	-3.29e-06	-4.70e-05	0.0
415	32	-9.91e-04	1.98e-04	-4.38e-04	-3.28e-06	-4.68e-05	0.0
415	36	-9.09e-04	1.99e-04	-4.22e-04	-2.99e-06	-4.30e-05	0.0
415	37	-8.56e-04	1.82e-04	-4.02e-04	-2.82e-06	-4.04e-05	0.0
416	1	0.0	0.0	0.0	0.0	0.0	0.0
416	25	0.0	0.0	0.0	0.0	0.0	0.0
416	37	0.0	0.0	0.0	0.0	0.0	0.0
417	7	-0.02	2.23e-05	-3.92e-03	3.27e-06	7.44e-05	-9.84e-06
417	8	-0.02	8.46e-05	-3.94e-03	3.21e-06	7.32e-05	-8.99e-06
417	21	-0.01	2.26e-04	-3.60e-03	2.53e-06	5.82e-05	-3.78e-06
417	31	-0.01	3.43e-05	-2.93e-03	2.38e-06	5.42e-05	-6.63e-06
417	32	-0.01	7.58e-05	-2.95e-03	2.34e-06	5.34e-05	-6.05e-06
417	35	-0.01	1.70e-04	-2.72e-03	1.89e-06	4.34e-05	-2.58e-06
417	37	-0.01	8.69e-05	-2.68e-03	1.97e-06	4.50e-05	-3.73e-06
418	7	-0.01	-1.68e-03	-4.01e-03	6.23e-06	1.22e-04	2.07e-05
418	8	-0.01	-1.63e-03	-4.03e-03	6.15e-06	1.20e-04	2.11e-05
418	31	-0.01	-1.24e-03	-3.00e-03	4.55e-06	8.91e-05	1.56e-05
418	32	-0.01	-1.21e-03	-3.01e-03	4.50e-06	8.80e-05	1.59e-05
418	37	-8.86e-03	-1.06e-03	-2.74e-03	3.82e-06	7.46e-05	1.48e-05
419	7	-0.02	8.89e-04	-3.67e-03	0.0	0.0	-2.50e-05
419	8	-0.02	9.50e-04	-3.70e-03	0.0	0.0	-2.39e-05
419	22	-0.02	9.94e-04	-3.54e-03	0.0	-1.58e-06	-1.90e-05
419	31	-0.01	6.77e-04	-2.75e-03	0.0	0.0	-1.77e-05
419	32	-0.01	7.18e-04	-2.77e-03	0.0	0.0	-1.70e-05
419	36	-0.01	7.47e-04	-2.66e-03	0.0	-1.33e-06	-1.37e-05
419	37	-0.01	6.58e-04	-2.52e-03	0.0	0.0	-1.31e-05
420	7	-0.02	1.14e-03	-3.22e-03	-4.22e-06	-6.53e-05	-2.46e-05
420	8	-0.02	1.19e-03	-3.25e-03	-4.24e-06	-6.53e-05	-2.37e-05
420	22	-0.02	1.20e-03	-3.11e-03	-3.93e-06	-6.00e-05	-1.90e-05
420	31	-0.01	8.63e-04	-2.41e-03	-3.13e-06	-4.81e-05	-1.75e-05
420	32	-0.01	8.97e-04	-2.43e-03	-3.13e-06	-4.81e-05	-1.69e-05
420	36	-0.01	9.03e-04	-2.34e-03	-2.93e-06	-4.46e-05	-1.38e-05
420	37	-0.01	8.12e-04	-2.22e-03	-2.74e-06	-4.19e-05	-1.31e-05
421	7	-0.01	1.07e-03	-2.64e-03	-7.01e-06	-1.07e-04	-1.89e-05
421	8	-0.01	1.11e-03	-2.66e-03	-7.00e-06	-1.07e-04	-1.81e-05
421	31	-0.01	8.03e-04	-1.98e-03	-5.17e-06	-7.87e-05	-1.34e-05
421	32	-0.01	8.29e-04	-1.99e-03	-5.16e-06	-7.84e-05	-1.29e-05
421	37	-8.93e-03	7.49e-04	-1.82e-03	-4.49e-06	-6.77e-05	-1.00e-05
422	7	-9.55e-03	8.21e-04	-2.00e-03	-8.02e-06	-1.21e-04	-1.26e-05
422	8	-9.49e-03	8.50e-04	-2.02e-03	-8.00e-06	-1.20e-04	-1.21e-05
422	31	-7.01e-03	6.18e-04	-1.50e-03	-5.91e-06	-8.88e-05	-8.97e-06
422	32	-6.98e-03	6.37e-04	-1.51e-03	-5.90e-06	-8.85e-05	-8.62e-06
422	37	-6.01e-03	5.75e-04	-1.38e-03	-5.11e-06	-7.63e-05	-6.68e-06

423	7	-4.93e-03	5.11e-04	-1.34e-03	-7.10e-06	-1.07e-04	-7.10e-06
423	8	-4.90e-03	5.30e-04	-1.34e-03	-7.08e-06	-1.06e-04	-6.82e-06
423	31	-3.62e-03	3.85e-04	-1.00e-03	-5.23e-06	-7.84e-05	-5.05e-06
423	32	-3.60e-03	3.98e-04	-1.01e-03	-5.21e-06	-7.80e-05	-4.86e-06
423	37	-3.10e-03	3.60e-04	-9.21e-04	-4.51e-06	-6.72e-05	-3.78e-06
424	7	-1.40e-03	2.18e-04	-6.64e-04	-4.31e-06	-6.56e-05	-2.58e-06
424	8	-1.39e-03	2.28e-04	-6.68e-04	-4.30e-06	-6.52e-05	-2.49e-06
424	22	-1.26e-03	2.30e-04	-6.39e-04	-3.92e-06	-5.90e-05	-2.02e-06
424	31	-1.03e-03	1.65e-04	-4.98e-04	-3.18e-06	-4.82e-05	-1.84e-06
424	32	-1.03e-03	1.71e-04	-5.01e-04	-3.17e-06	-4.79e-05	-1.78e-06
424	36	-9.36e-04	1.73e-04	-4.81e-04	-2.91e-06	-4.38e-05	-1.47e-06
424	37	-8.81e-04	1.57e-04	-4.58e-04	-2.74e-06	-4.12e-05	-1.40e-06
425	1	0.0	0.0	0.0	0.0	0.0	0.0
425	25	0.0	0.0	0.0	0.0	0.0	0.0
425	37	0.0	0.0	0.0	0.0	0.0	0.0
426	7	-0.02	4.80e-04	-5.23e-03	7.50e-06	1.02e-04	-4.69e-05
426	8	-0.02	5.54e-04	-5.27e-03	7.39e-06	1.00e-04	-4.56e-05
426	21	-0.02	6.70e-04	-4.80e-03	5.91e-06	8.01e-05	-3.35e-05
426	31	-0.01	3.79e-04	-3.91e-03	5.47e-06	7.42e-05	-3.37e-05
426	32	-0.01	4.28e-04	-3.94e-03	5.40e-06	7.32e-05	-3.29e-05
426	35	-0.01	5.05e-04	-3.63e-03	4.41e-06	5.98e-05	-2.48e-05
426	37	-0.01	4.07e-04	-3.57e-03	4.56e-06	6.19e-05	-2.65e-05
427	7	-0.01	-1.63e-03	-5.61e-03	1.23e-05	1.64e-04	6.98e-06
427	8	-0.01	-1.58e-03	-5.65e-03	1.22e-05	1.56e-04	7.56e-06
427	31	-9.77e-03	-1.20e-03	-4.19e-03	9.00e-06	1.20e-04	5.65e-06
427	32	-9.77e-03	-1.17e-03	-4.22e-03	8.89e-06	1.18e-04	6.05e-06
427	37	-8.49e-03	-1.03e-03	-3.82e-03	7.53e-06	1.00e-04	6.53e-06
428	7	-0.02	1.21e-03	-4.66e-03	0.0	1.56e-06	-6.07e-05
428	8	-0.02	1.28e-03	-4.69e-03	0.0	1.01e-06	-5.93e-05
428	22	-0.02	1.31e-03	-4.48e-03	0.0	0.0	-5.06e-05
428	31	-0.02	9.18e-04	-3.49e-03	0.0	0.0	-4.38e-05
428	32	-0.02	9.62e-04	-3.51e-03	0.0	0.0	-4.29e-05
428	36	-0.01	9.82e-04	-3.37e-03	0.0	0.0	-3.71e-05
428	37	-0.01	8.76e-04	-3.19e-03	0.0	0.0	-3.52e-05
429	7	-0.02	1.28e-03	-3.88e-03	-5.21e-06	-7.27e-05	-5.04e-05
429	8	-0.02	1.33e-03	-3.91e-03	-5.20e-06	-7.25e-05	-4.92e-05
429	31	-0.01	9.63e-04	-2.91e-03	-3.84e-06	-5.35e-05	-3.64e-05
429	32	-0.01	9.97e-04	-2.93e-03	-3.83e-06	-5.34e-05	-3.56e-05
429	37	-0.01	8.98e-04	-2.66e-03	-3.30e-06	-4.61e-05	-2.92e-05
430	7	-0.02	1.09e-03	-3.08e-03	-8.20e-06	-1.15e-04	-3.60e-05
430	8	-0.01	1.13e-03	-3.10e-03	-8.15e-06	-1.15e-04	-3.51e-05
430	31	-0.01	8.22e-04	-2.30e-03	-6.02e-06	-8.48e-05	-2.60e-05
430	32	-0.01	8.48e-04	-2.32e-03	-5.99e-06	-8.44e-05	-2.54e-05
430	37	-9.45e-03	7.61e-04	-2.11e-03	-5.15e-06	-7.26e-05	-2.07e-05
431	7	-0.01	7.89e-04	-2.28e-03	-9.08e-06	-1.28e-04	-2.29e-05
431	8	-0.01	8.16e-04	-2.29e-03	-9.02e-06	-1.27e-04	-2.23e-05
431	31	-7.45e-03	5.92e-04	-1.71e-03	-6.67e-06	-9.42e-05	-1.65e-05
431	32	-7.40e-03	6.11e-04	-1.72e-03	-6.63e-06	-9.37e-05	-1.61e-05
431	37	-6.35e-03	5.48e-04	-1.56e-03	-5.69e-06	-8.05e-05	-1.31e-05
432	7	-5.26e-03	4.49e-04	-1.50e-03	-7.97e-06	-1.13e-04	-1.23e-05
432	8	-5.22e-03	4.66e-04	-1.51e-03	-7.91e-06	-1.12e-04	-1.19e-05
432	31	-3.86e-03	3.38e-04	-1.13e-03	-5.85e-06	-8.27e-05	-8.83e-06
432	32	-3.83e-03	3.49e-04	-1.13e-03	-5.81e-06	-8.22e-05	-8.60e-06
432	37	-3.28e-03	3.15e-04	-1.03e-03	-4.98e-06	-7.06e-05	-6.97e-06
433	7	-1.52e-03	1.63e-04	-7.39e-04	-4.94e-06	-6.98e-05	-4.31e-06
433	8	-1.51e-03	1.71e-04	-7.43e-04	-4.90e-06	-6.93e-05	-4.19e-06
433	22	-1.36e-03	1.74e-04	-7.07e-04	-4.41e-06	-6.24e-05	-3.53e-06
433	31	-1.12e-03	1.23e-04	-5.54e-04	-3.62e-06	-5.12e-05	-3.10e-06
433	32	-1.11e-03	1.29e-04	-5.56e-04	-3.60e-06	-5.09e-05	-3.03e-06
433	36	-1.01e-03	1.31e-04	-5.32e-04	-3.27e-06	-4.63e-05	-2.59e-06
433	37	-9.49e-04	1.17e-04	-5.07e-04	-3.08e-06	-4.36e-05	-2.46e-06
434	1	0.0	0.0	0.0	0.0	0.0	0.0
434	25	0.0	0.0	0.0	0.0	0.0	0.0
434	37	0.0	0.0	0.0	0.0	0.0	0.0
435	7	-0.02	1.26e-03	-6.77e-03	1.20e-05	1.39e-04	-9.11e-05
435	8	-0.02	1.35e-03	-6.82e-03	1.18e-05	1.37e-04	-8.93e-05
435	22	-0.02	1.44e-03	-6.50e-03	1.05e-05	1.22e-04	-7.72e-05
435	31	-0.02	9.66e-04	-5.06e-03	8.76e-06	1.02e-04	-6.61e-05
435	32	-0.02	1.03e-03	-5.10e-03	8.66e-06	1.00e-04	-6.49e-05
435	36	-0.01	1.09e-03	-4.89e-03	7.78e-06	8.99e-05	-5.68e-05
435	37	-0.01	9.61e-04	-4.61e-03	7.37e-06	8.52e-05	-5.37e-05
436	7	-0.01	-1.58e-03	-8.37e-03	5.47e-05	3.26e-04	-5.89e-06
436	8	-0.01	-1.52e-03	-8.45e-03	5.41e-05	3.22e-04	-5.09e-06
436	31	-9.51e-03	-1.16e-03	-6.26e-03	4.01e-05	2.39e-04	-3.68e-06
436	32	-9.49e-03	-1.12e-03	-6.31e-03	3.97e-05	2.36e-04	-3.15e-06
436	37	-8.20e-03	-9.87e-04	-5.71e-03	3.39e-05	2.00e-04	-1.07e-06
437	7	-0.02	1.49e-03	-5.61e-03	-1.48e-06	-6.86e-06	-9.06e-05

437	8	-0.02	1.56e-03	-5.65e-03	-1.50e-06	-7.26e-06	-8.89e-05
437	22	-0.02	1.57e-03	-5.39e-03	-1.40e-06	-7.55e-06	-7.70e-05
437	31	-0.02	1.12e-03	-4.20e-03	-1.10e-06	-5.23e-06	-6.57e-05
437	32	-0.02	1.17e-03	-4.23e-03	-1.11e-06	-5.50e-06	-6.46e-05
437	36	-0.02	1.18e-03	-4.05e-03	-1.04e-06	-5.69e-06	-5.67e-05
437	37	-0.01	1.06e-03	-3.83e-03	0.0	-5.10e-06	-5.37e-05
438	7	-0.02	1.35e-03	-4.42e-03	-7.32e-06	-8.78e-05	-6.98e-05
438	8	-0.02	1.40e-03	-4.45e-03	-7.27e-06	-8.74e-05	-6.84e-05
438	31	-0.02	1.01e-03	-3.31e-03	-5.37e-06	-6.45e-05	-5.06e-05
438	32	-0.02	1.04e-03	-3.33e-03	-5.34e-06	-6.42e-05	-4.97e-05
438	37	-0.01	9.34e-04	-3.02e-03	-4.57e-06	-5.52e-05	-4.12e-05
439	7	-0.02	1.08e-03	-3.41e-03	-1.01e-05	-1.30e-04	-4.79e-05
439	8	-0.02	1.12e-03	-3.42e-03	-1.00e-05	-1.29e-04	-4.69e-05
439	31	-0.01	8.11e-04	-2.55e-03	-7.40e-06	-9.51e-05	-3.47e-05
439	32	-0.01	8.34e-04	-2.56e-03	-7.35e-06	-9.45e-05	-3.40e-05
439	37	-0.01	7.43e-04	-2.32e-03	-6.28e-06	-8.10e-05	-2.81e-05
440	7	-0.01	7.29e-04	-2.49e-03	-1.06e-05	-1.40e-04	-2.90e-05
440	8	-0.01	7.54e-04	-2.50e-03	-1.06e-05	-1.39e-04	-2.84e-05
440	31	-8.08e-03	5.46e-04	-1.86e-03	-7.80e-06	-1.03e-04	-2.10e-05
440	32	-8.02e-03	5.63e-04	-1.87e-03	-7.74e-06	-1.02e-04	-2.05e-05
440	37	-6.86e-03	5.00e-04	-1.69e-03	-6.61e-06	-8.73e-05	-1.68e-05
441	7	-5.72e-03	3.60e-04	-1.63e-03	-9.14e-06	-1.22e-04	-1.41e-05
441	8	-5.67e-03	3.76e-04	-1.63e-03	-9.06e-06	-1.21e-04	-1.37e-05
441	31	-4.19e-03	2.70e-04	-1.22e-03	-6.70e-06	-8.92e-05	-1.02e-05
441	32	-4.15e-03	2.81e-04	-1.22e-03	-6.64e-06	-8.85e-05	-9.90e-06
441	37	-3.55e-03	2.50e-04	-1.11e-03	-5.67e-06	-7.57e-05	-8.06e-06
442	7	-1.68e-03	7.69e-05	-7.99e-04	-5.59e-06	-7.53e-05	-4.03e-06
442	8	-1.66e-03	8.40e-05	-8.01e-04	-5.54e-06	-7.46e-05	-3.90e-06
442	22	-1.49e-03	8.98e-05	-7.57e-04	-4.95e-06	-6.69e-05	-3.23e-06
442	31	-1.23e-03	5.86e-05	-5.97e-04	-4.09e-06	-5.51e-05	-2.89e-06
442	32	-1.22e-03	6.34e-05	-5.98e-04	-4.06e-06	-5.47e-05	-2.80e-06
442	36	-1.10e-03	6.72e-05	-5.69e-04	-3.66e-06	-4.96e-05	-2.35e-06
442	37	-1.04e-03	5.70e-05	-5.43e-04	-3.45e-06	-4.67e-05	-2.24e-06
443	1	0.0	0.0	0.0	0.0	0.0	0.0
443	25	0.0	0.0	0.0	0.0	0.0	0.0
443	37	0.0	0.0	0.0	0.0	0.0	0.0
444	7	-0.02	2.48e-03	-8.15e-03	1.39e-05	1.99e-04	-1.85e-04
444	8	-0.02	2.60e-03	-8.23e-03	1.38e-05	1.97e-04	-1.82e-04
444	22	-0.02	2.66e-03	-7.87e-03	1.22e-05	1.75e-04	-1.61e-04
444	31	-0.02	1.88e-03	-6.10e-03	1.02e-05	1.46e-04	-1.35e-04
444	32	-0.02	1.96e-03	-6.15e-03	1.01e-05	1.44e-04	-1.33e-04
444	36	-0.02	2.01e-03	-5.91e-03	9.06e-06	1.30e-04	-1.19e-04
444	37	-0.02	1.81e-03	-5.58e-03	8.58e-06	1.23e-04	-1.12e-04
445	7	-0.03	1.57e-03	-5.99e-03	-1.48e-06	-2.11e-05	-1.19e-04
445	8	-0.03	1.63e-03	-6.02e-03	-1.49e-06	-2.13e-05	-1.17e-04
445	31	-0.02	1.18e-03	-4.47e-03	-1.09e-06	-1.56e-05	-8.67e-05
445	32	-0.02	1.22e-03	-4.50e-03	-1.10e-06	-1.58e-05	-8.53e-05
445	37	-0.02	1.10e-03	-4.06e-03	0.0	-1.37e-05	-7.14e-05
446	7	-0.02	1.35e-03	-4.65e-03	-7.17e-06	-1.03e-04	-8.25e-05
446	8	-0.02	1.39e-03	-4.67e-03	-7.12e-06	-1.02e-04	-8.10e-05
446	31	-0.02	1.01e-03	-3.48e-03	-5.26e-06	-7.52e-05	-5.99e-05
446	32	-0.02	1.04e-03	-3.49e-03	-5.23e-06	-7.48e-05	-5.89e-05
446	37	-0.01	9.18e-04	-3.15e-03	-4.48e-06	-6.41e-05	-4.90e-05
447	7	-0.02	1.04e-03	-3.56e-03	-9.94e-06	-1.42e-04	-5.39e-05
447	8	-0.02	1.07e-03	-3.57e-03	-9.87e-06	-1.41e-04	-5.28e-05
447	31	-0.01	7.76e-04	-2.65e-03	-7.29e-06	-1.04e-04	-3.91e-05
447	32	-0.01	7.97e-04	-2.66e-03	-7.24e-06	-1.04e-04	-3.84e-05
447	37	-0.01	7.02e-04	-2.40e-03	-6.19e-06	-8.85e-05	-3.18e-05
448	7	-0.01	6.49e-04	-2.58e-03	-1.05e-05	-1.50e-04	-2.99e-05
448	8	-0.01	6.72e-04	-2.58e-03	-1.04e-05	-1.49e-04	-2.92e-05
448	31	-8.80e-03	4.84e-04	-1.92e-03	-7.71e-06	-1.10e-04	-2.16e-05
448	32	-8.73e-03	4.99e-04	-1.93e-03	-7.65e-06	-1.09e-04	-2.12e-05
448	37	-7.43e-03	4.39e-04	-1.74e-03	-6.54e-06	-9.35e-05	-1.74e-05
449	7	-6.15e-03	2.49e-04	-1.68e-03	-9.05e-06	-1.29e-04	-1.05e-05
449	22	-5.43e-03	2.65e-04	-1.57e-03	-8.03e-06	-1.15e-04	-8.38e-06
449	31	-4.50e-03	1.87e-04	-1.25e-03	-6.63e-06	-9.48e-05	-7.55e-06
449	36	-4.02e-03	1.98e-04	-1.18e-03	-5.95e-06	-8.51e-05	-6.10e-06
449	37	-3.79e-03	1.72e-04	-1.13e-03	-5.61e-06	-8.02e-05	-5.82e-06
450	7	-1.74e-03	-4.89e-05	-8.47e-04	-5.55e-06	-7.93e-05	2.52e-06
450	31	-1.27e-03	-3.55e-05	-6.31e-04	-4.06e-06	-5.81e-05	1.92e-06
450	37	-1.07e-03	-2.90e-05	-5.67e-04	-3.43e-06	-4.90e-05	1.86e-06
451	7	-0.02	-1.99e-03	-2.23e-03	6.01e-05	8.60e-04	-2.82e-05
451	8	-0.02	-1.96e-03	-2.23e-03	6.01e-05	8.60e-04	-2.85e-05
451	31	-0.02	-1.47e-03	-1.65e-03	4.44e-05	6.35e-04	-2.10e-05
451	32	-0.02	-1.45e-03	-1.65e-03	4.44e-05	6.35e-04	-2.12e-05
451	37	-0.01	-1.30e-03	-1.46e-03	3.89e-05	5.56e-04	-1.90e-05
452	8	-7.63e-03	-4.78e-03	-0.01	1.28e-05	1.83e-04	-2.19e-05

452	32	-5.65e-03	-3.57e-03	-8.52e-03	9.36e-06	1.34e-04	-1.62e-05
452	37	-4.96e-03	-3.22e-03	-7.72e-03	7.96e-06	1.14e-04	-1.41e-05
453	7	-0.02	-1.49e-03	-1.12e-03	2.06e-05	3.48e-04	-8.83e-06
453	8	-0.02	-1.45e-03	-1.13e-03	2.06e-05	3.48e-04	-9.15e-06
453	31	-0.01	-1.10e-03	-8.46e-04	1.52e-05	2.57e-04	-6.72e-06
453	32	-0.01	-1.08e-03	-8.52e-04	1.52e-05	2.57e-04	-6.94e-06
453	37	-0.01	-9.66e-04	-7.89e-04	1.33e-05	2.24e-04	-6.50e-06
454	7	-0.02	-1.47e-03	-1.19e-03	1.82e-05	2.11e-04	2.04e-05
454	8	-0.02	-1.43e-03	-1.20e-03	1.82e-05	2.11e-04	2.01e-05
454	31	-0.01	-1.08e-03	-8.95e-04	1.34e-05	1.56e-04	1.49e-05
454	32	-0.01	-1.05e-03	-9.02e-04	1.34e-05	1.55e-04	1.47e-05
454	37	-0.01	-9.40e-04	-8.42e-04	1.17e-05	1.35e-04	1.25e-05
455	7	-0.02	-1.63e-03	-1.40e-03	8.47e-06	1.46e-04	4.22e-05
455	8	-0.02	-1.59e-03	-1.41e-03	8.42e-06	1.46e-04	4.20e-05
455	31	-0.01	-1.20e-03	-1.05e-03	6.23e-06	1.08e-04	3.11e-05
455	32	-0.01	-1.17e-03	-1.06e-03	6.20e-06	1.07e-04	3.09e-05
455	37	-0.01	-1.04e-03	-9.86e-04	5.35e-06	9.29e-05	2.68e-05
456	7	-0.02	-1.91e-03	-1.73e-03	8.92e-06	1.17e-04	5.04e-05
456	8	-0.02	-1.87e-03	-1.74e-03	8.87e-06	1.16e-04	5.03e-05
456	31	-0.01	-1.41e-03	-1.30e-03	6.56e-06	8.61e-05	3.72e-05
456	32	-0.01	-1.38e-03	-1.31e-03	6.53e-06	8.56e-05	3.71e-05
456	37	-0.01	-1.22e-03	-1.21e-03	5.64e-06	7.36e-05	3.23e-05
457	7	-0.01	-2.27e-03	-2.22e-03	7.68e-06	1.10e-04	5.02e-05
457	8	-0.01	-2.23e-03	-2.23e-03	7.61e-06	1.09e-04	5.01e-05
457	31	-0.01	-1.68e-03	-1.67e-03	5.63e-06	8.04e-05	3.71e-05
457	32	-0.01	-1.65e-03	-1.67e-03	5.58e-06	7.97e-05	3.70e-05
457	37	-9.03e-03	-1.46e-03	-1.54e-03	4.77e-06	6.82e-05	3.24e-05
458	7	-0.01	-2.70e-03	-2.95e-03	8.86e-06	1.16e-04	4.49e-05
458	8	-0.01	-2.66e-03	-2.96e-03	8.75e-06	1.15e-04	4.49e-05
458	31	-8.90e-03	-2.00e-03	-2.21e-03	6.48e-06	8.49e-05	3.33e-05
458	32	-8.94e-03	-1.97e-03	-2.22e-03	6.40e-06	8.40e-05	3.33e-05
458	37	-7.87e-03	-1.75e-03	-2.02e-03	5.43e-06	7.14e-05	2.94e-05
459	7	-0.01	-3.19e-03	-4.06e-03	7.69e-06	1.31e-04	3.73e-05
459	8	-0.01	-3.15e-03	-4.09e-03	7.60e-06	1.30e-04	3.74e-05
459	31	-7.71e-03	-2.36e-03	-3.04e-03	5.63e-06	9.61e-05	2.77e-05
459	32	-7.76e-03	-2.34e-03	-3.05e-03	5.56e-06	9.50e-05	2.78e-05
459	37	-6.83e-03	-2.08e-03	-2.77e-03	4.73e-06	8.06e-05	2.48e-05
460	7	-9.01e-03	-3.72e-03	-5.84e-03	1.08e-05	1.50e-04	2.96e-05
460	8	-9.07e-03	-3.70e-03	-5.89e-03	1.07e-05	1.48e-04	2.99e-05
460	31	-6.68e-03	-2.76e-03	-4.37e-03	7.91e-06	1.10e-04	2.21e-05
460	32	-6.73e-03	-2.75e-03	-4.40e-03	7.83e-06	1.08e-04	2.23e-05
460	37	-5.92e-03	-2.45e-03	-3.98e-03	6.63e-06	9.19e-05	2.02e-05
461	7	-7.85e-03	-4.46e-03	-8.51e-03	1.36e-05	1.58e-04	1.91e-05
461	8	-7.91e-03	-4.45e-03	-8.59e-03	1.35e-05	1.56e-04	1.94e-05
461	31	-5.82e-03	-3.32e-03	-6.36e-03	9.99e-06	1.15e-04	1.44e-05
461	32	-5.86e-03	-3.31e-03	-6.42e-03	9.91e-06	1.14e-04	1.46e-05
461	37	-5.16e-03	-2.98e-03	-5.81e-03	8.43e-06	9.68e-05	1.35e-05
462	7	-0.01	-1.81e-03	-1.21e-03	-6.87e-06	4.83e-04	-7.82e-05
462	8	-0.01	-1.78e-03	-1.22e-03	-6.89e-06	4.83e-04	-7.85e-05
462	31	-0.01	-1.34e-03	-9.12e-04	-5.09e-06	3.57e-04	-5.80e-05
462	32	-0.01	-1.32e-03	-9.18e-04	-5.11e-06	3.57e-04	-5.82e-05
462	37	-9.32e-03	-1.19e-03	-8.49e-04	-4.50e-06	3.12e-04	-5.14e-05
463	7	-0.02	-1.81e-03	-1.19e-03	2.04e-05	2.18e-04	4.02e-06
463	8	-0.02	-1.77e-03	-1.20e-03	2.03e-05	2.18e-04	3.69e-06
463	31	-0.01	-1.34e-03	-8.99e-04	1.50e-05	1.61e-04	2.79e-06
463	32	-0.01	-1.31e-03	-9.06e-04	1.50e-05	1.61e-04	2.56e-06
463	37	-0.01	-1.17e-03	-8.45e-04	1.31e-05	1.40e-04	1.84e-06
464	7	-0.01	-2.03e-03	-1.41e-03	9.46e-06	1.46e-04	3.42e-05
464	8	-0.01	-1.99e-03	-1.42e-03	9.41e-06	1.45e-04	3.39e-05
464	31	-0.01	-1.50e-03	-1.06e-03	6.96e-06	1.08e-04	2.51e-05
464	32	-0.01	-1.47e-03	-1.07e-03	6.93e-06	1.07e-04	2.49e-05
464	37	-9.66e-03	-1.30e-03	-9.96e-04	5.99e-06	9.27e-05	2.15e-05
465	7	-0.01	-2.43e-03	-1.76e-03	8.48e-06	1.19e-04	4.63e-05
465	8	-0.01	-2.38e-03	-1.77e-03	8.42e-06	1.18e-04	4.61e-05
465	31	-9.81e-03	-1.79e-03	-1.32e-03	6.23e-06	8.72e-05	3.41e-05
465	32	-9.86e-03	-1.76e-03	-1.33e-03	6.19e-06	8.66e-05	3.40e-05
465	37	-8.70e-03	-1.56e-03	-1.23e-03	5.33e-06	7.45e-05	2.95e-05
466	7	-0.01	-2.99e-03	-2.26e-03	7.89e-06	1.13e-04	5.02e-05
466	8	-0.01	-2.95e-03	-2.27e-03	7.82e-06	1.12e-04	5.00e-05
466	31	-8.37e-03	-2.21e-03	-1.70e-03	5.78e-06	8.28e-05	3.70e-05
466	32	-8.43e-03	-2.19e-03	-1.70e-03	5.73e-06	8.20e-05	3.69e-05
466	37	-7.47e-03	-1.94e-03	-1.56e-03	4.90e-06	7.01e-05	3.23e-05
467	7	-9.12e-03	-3.76e-03	-3.00e-03	8.73e-06	1.20e-04	4.90e-05
467	8	-9.21e-03	-3.73e-03	-3.02e-03	8.63e-06	1.19e-04	4.89e-05
467	31	-6.79e-03	-2.79e-03	-2.25e-03	6.38e-06	8.80e-05	3.62e-05
467	32	-6.85e-03	-2.77e-03	-2.26e-03	6.32e-06	8.71e-05	3.62e-05
467	37	-6.10e-03	-2.46e-03	-2.06e-03	5.37e-06	7.40e-05	3.17e-05

468	7	-6.97e-03	-4.78e-03	-4.15e-03	8.65e-06	1.35e-04	4.35e-05
468	8	-7.07e-03	-4.76e-03	-4.18e-03	8.54e-06	1.33e-04	4.36e-05
468	31	-5.21e-03	-3.55e-03	-3.10e-03	6.32e-06	9.84e-05	3.23e-05
468	32	-5.28e-03	-3.53e-03	-3.12e-03	6.25e-06	9.73e-05	3.23e-05
468	37	-4.73e-03	-3.15e-03	-2.84e-03	5.30e-06	8.26e-05	2.86e-05
469	8	-5.23e-03	-5.99e-03	-6.06e-03	1.12e-05	1.52e-04	3.31e-05
469	32	-3.92e-03	-4.46e-03	-4.53e-03	8.19e-06	1.11e-04	2.47e-05
469	37	-3.54e-03	-3.99e-03	-4.11e-03	6.98e-06	9.45e-05	2.21e-05
470	8	-4.31e-03	-7.00e-03	-9.20e-03	5.78e-05	2.83e-04	2.54e-05
470	32	-3.23e-03	-5.21e-03	-6.87e-03	4.27e-05	2.08e-04	1.92e-05
470	37	-2.92e-03	-4.68e-03	-6.21e-03	3.73e-05	1.80e-04	1.79e-05
471	7	-6.11e-03	3.22e-03	-0.02	1.71e-04	7.13e-06	6.32e-05
471	8	-6.11e-03	3.29e-03	-0.02	1.72e-04	7.16e-06	6.31e-05
471	31	-4.50e-03	2.29e-03	-0.01	1.27e-04	5.28e-06	4.78e-05
471	32	-4.49e-03	2.34e-03	-0.01	1.27e-04	5.31e-06	4.77e-05
471	37	-3.87e-03	1.72e-03	-0.01	1.12e-04	4.66e-06	4.50e-05
472	7	-7.11e-04	0.01	-3.78e-03	-9.54e-05	-3.98e-06	9.65e-06
472	8	-7.15e-04	0.01	-3.78e-03	-9.60e-05	-4.00e-06	9.68e-06
472	31	-5.16e-04	8.55e-03	-2.80e-03	-7.06e-05	-2.94e-06	7.07e-06
472	32	-5.19e-04	8.59e-03	-2.80e-03	-7.10e-05	-2.96e-06	7.09e-06
472	37	-4.21e-04	7.53e-03	-2.50e-03	-6.20e-05	-2.59e-06	6.00e-06
473	7	-7.49e-03	4.78e-04	-0.01	1.19e-04	-8.59e-05	2.51e-05
473	8	-7.49e-03	5.09e-04	-0.01	1.20e-04	-8.59e-05	2.51e-05
473	31	-5.53e-03	3.28e-04	-8.48e-03	8.66e-05	-6.37e-05	1.86e-05
473	32	-5.53e-03	3.48e-04	-8.48e-03	8.72e-05	-6.37e-05	1.86e-05
473	37	-4.82e-03	2.05e-04	-7.49e-03	7.22e-05	-5.64e-05	1.66e-05
474	7	-2.40e-03	0.01	-0.02	2.33e-04	9.72e-06	4.24e-05
474	8	-2.40e-03	0.01	-0.02	2.34e-04	9.74e-06	4.21e-05
474	31	-1.76e-03	8.21e-03	-0.01	1.76e-04	7.34e-06	3.13e-05
474	32	-1.76e-03	8.28e-03	-0.01	1.76e-04	7.35e-06	3.11e-05
474	37	-1.49e-03	7.15e-03	-0.01	1.66e-04	6.91e-06	2.75e-05
475	7	-6.28e-03	1.43e-03	-8.81e-03	1.17e-04	-2.49e-05	1.06e-05
475	8	-6.28e-03	1.46e-03	-8.80e-03	1.18e-04	-2.49e-05	1.06e-05
475	31	-4.63e-03	1.04e-03	-6.53e-03	8.56e-05	-1.86e-05	7.94e-06
475	32	-4.63e-03	1.06e-03	-6.53e-03	8.63e-05	-1.85e-05	7.93e-06
475	37	-4.04e-03	8.42e-04	-5.77e-03	7.22e-05	-1.66e-05	7.24e-06
476	7	-2.79e-03	0.02	-0.01	6.40e-05	2.67e-06	-1.98e-05
476	8	-2.80e-03	0.02	-0.01	6.41e-05	2.67e-06	-1.99e-05
476	31	-2.05e-03	0.01	-8.42e-03	4.83e-05	2.01e-06	-1.53e-05
476	32	-2.06e-03	0.01	-8.42e-03	4.83e-05	2.01e-06	-1.54e-05
476	37	-1.76e-03	0.01	-7.43e-03	4.52e-05	1.88e-06	-1.55e-05
477	7	-1.25e-04	7.62e-03	-2.93e-03	-1.02e-04	-4.26e-06	2.54e-06
477	8	-1.28e-04	7.67e-03	-2.93e-03	-1.03e-04	-4.28e-06	2.54e-06
477	31	-8.48e-05	5.65e-03	-2.18e-03	-7.56e-05	-3.15e-06	1.82e-06
477	32	-8.65e-05	5.68e-03	-2.18e-03	-7.60e-05	-3.17e-06	1.82e-06
477	37	-5.00e-05	4.98e-03	-1.95e-03	-6.66e-05	-2.78e-06	1.39e-06
478	7	-2.74e-03	0.02	-9.31e-03	-1.71e-05	0.0	-2.36e-05
478	8	-2.74e-03	0.02	-9.31e-03	-1.73e-05	0.0	-2.37e-05
478	31	-2.01e-03	0.01	-6.90e-03	-1.24e-05	0.0	-1.81e-05
478	32	-2.02e-03	0.01	-6.90e-03	-1.26e-05	0.0	-1.81e-05
478	37	-1.73e-03	0.01	-6.09e-03	-1.02e-05	0.0	-1.77e-05
479	7	2.52e-04	3.86e-03	-2.05e-03	-8.78e-05	-3.66e-06	-3.16e-06
479	8	2.50e-04	3.88e-03	-2.05e-03	-8.83e-05	-3.68e-06	-3.18e-06
479	31	1.92e-04	2.86e-03	-1.53e-03	-6.50e-05	-2.71e-06	-2.38e-06
479	32	1.91e-04	2.87e-03	-1.53e-03	-6.54e-05	-2.73e-06	-2.40e-06
479	37	1.85e-04	2.52e-03	-1.37e-03	-5.74e-05	-2.39e-06	-2.25e-06
480	7	-2.36e-03	0.01	-7.71e-03	-6.82e-05	-2.84e-06	-1.85e-05
480	8	-2.37e-03	0.02	-7.70e-03	-6.87e-05	-2.86e-06	-1.85e-05
480	31	-1.74e-03	0.01	-5.71e-03	-5.06e-05	-2.11e-06	-1.41e-05
480	32	-1.74e-03	0.01	-5.71e-03	-5.09e-05	-2.12e-06	-1.42e-05
480	37	-1.50e-03	9.96e-03	-5.03e-03	-4.47e-05	-1.86e-06	-1.39e-05
481	7	3.57e-04	1.05e-03	-1.13e-03	-5.27e-05	-2.20e-06	-5.92e-06
481	8	3.57e-04	1.06e-03	-1.13e-03	-5.30e-05	-2.21e-06	-5.96e-06
481	31	2.67e-04	7.77e-04	-8.45e-04	-3.90e-05	-1.63e-06	-4.41e-06
481	32	2.67e-04	7.81e-04	-8.45e-04	-3.92e-05	-1.64e-06	-4.43e-06
481	37	2.43e-04	6.85e-04	-7.59e-04	-3.44e-05	-1.44e-06	-3.95e-06
482	7	-1.87e-03	0.01	-6.18e-03	-9.66e-05	-4.03e-06	-1.11e-05
482	8	-1.87e-03	0.01	-6.18e-03	-9.72e-05	-4.05e-06	-1.12e-05
482	31	-1.37e-03	8.68e-03	-4.58e-03	-7.17e-05	-2.99e-06	-8.57e-06
482	32	-1.38e-03	8.73e-03	-4.58e-03	-7.21e-05	-3.01e-06	-8.59e-06
482	37	-1.18e-03	7.77e-03	-4.04e-03	-6.39e-05	-2.63e-06	-8.59e-06
483	8	-5.95e-03	5.37e-03	-9.69e-03	1.43e-04	5.98e-06	-2.68e-05
483	32	-4.39e-03	3.92e-03	-7.17e-03	1.06e-04	4.41e-06	-2.01e-05
483	37	-3.80e-03	3.25e-03	-6.30e-03	9.16e-05	3.82e-06	-1.85e-05
484	7	-1.37e-03	7.70e-03	-4.66e-03	-1.03e-04	-4.31e-06	-3.75e-06
484	8	-1.38e-03	7.74e-03	-4.66e-03	-1.04e-04	-4.34e-06	-3.75e-06
484	31	-1.01e-03	5.73e-03	-3.45e-03	-7.69e-05	-3.21e-06	-2.99e-06

484	32	-1.01e-03	5.76e-03	-3.45e-03	-7.73e-05	-3.22e-06	-2.99e-06
484	37	-8.72e-04	5.14e-03	-3.04e-03	-6.86e-05	-2.86e-06	-3.31e-06
485	8	-2.67e-03	0.02	-5.40e-03	-1.89e-05	0.0	2.50e-05
485	32	-1.96e-03	0.01	-4.00e-03	-1.37e-05	0.0	1.85e-05
485	37	-1.67e-03	0.01	-3.55e-03	-1.12e-05	0.0	1.63e-05
486	7	-9.43e-04	3.88e-03	-3.16e-03	-8.91e-05	-3.71e-06	2.43e-06
486	8	-9.45e-04	3.90e-03	-3.16e-03	-8.96e-05	-3.73e-06	2.46e-06
486	31	-6.95e-04	2.89e-03	-2.34e-03	-6.62e-05	-2.76e-06	1.69e-06
486	32	-6.96e-04	2.90e-03	-2.34e-03	-6.66e-05	-2.78e-06	1.71e-06
486	37	-6.02e-04	2.60e-03	-2.06e-03	-5.93e-05	-2.47e-06	1.13e-06
487	7	-5.01e-03	1.61e-03	-8.59e-03	9.70e-05	4.16e-05	-4.03e-06
487	8	-5.01e-03	1.64e-03	-8.59e-03	9.79e-05	4.16e-05	-4.09e-06
487	31	-3.70e-03	1.17e-03	-6.36e-03	7.07e-05	3.06e-05	-2.91e-06
487	32	-3.70e-03	1.19e-03	-6.36e-03	7.13e-05	3.06e-05	-2.94e-06
487	37	-3.23e-03	9.73e-04	-5.61e-03	5.86e-05	2.61e-05	-2.31e-06
488	7	-5.59e-04	1.04e-03	-1.66e-03	-5.36e-05	-2.24e-06	5.67e-06
488	8	-5.59e-04	1.04e-03	-1.66e-03	-5.39e-05	-2.25e-06	5.71e-06
488	31	-4.12e-04	7.73e-04	-1.23e-03	-3.99e-05	-1.66e-06	4.17e-06
488	32	-4.13e-04	7.76e-04	-1.23e-03	-4.01e-05	-1.67e-06	4.19e-06
488	37	-3.59e-04	6.97e-04	-1.08e-03	-3.58e-05	-1.49e-06	3.58e-06
489	8	-4.84e-03	0.02	-6.66e-03	6.06e-05	2.53e-06	3.01e-05
489	32	-3.56e-03	0.01	-4.93e-03	4.54e-05	1.89e-06	2.24e-05
489	37	-3.07e-03	0.01	-4.35e-03	4.14e-05	1.72e-06	2.01e-05
490	8	-4.88e-03	0.01	-9.25e-03	2.74e-04	2.54e-05	-1.83e-06
490	32	-3.59e-03	8.65e-03	-6.84e-03	2.05e-04	1.88e-05	-1.20e-06
490	37	-3.10e-03	7.43e-03	-6.01e-03	1.87e-04	1.64e-05	0.0
491	8	-1.52e-03	0.01	-4.58e-03	-6.83e-05	-2.85e-06	1.74e-05
491	32	-1.11e-03	0.01	-3.40e-03	-5.04e-05	-2.10e-06	1.28e-05
491	37	-9.36e-04	9.64e-03	-3.02e-03	-4.37e-05	-1.82e-06	1.11e-05
492	1	0.0	0.0	0.0	0.0	0.0	0.0
492	25	0.0	0.0	0.0	0.0	0.0	0.0
492	37	0.0	0.0	0.0	0.0	0.0	0.0
493	7	-2.41e-03	1.16e-04	-6.73e-04	-7.75e-06	-1.10e-04	1.26e-05
493	8	-2.36e-03	1.10e-04	-6.78e-04	-7.59e-06	-1.08e-04	1.26e-05
493	31	-1.75e-03	8.11e-05	-5.00e-04	-5.62e-06	-7.97e-05	9.22e-06
493	32	-1.71e-03	7.71e-05	-5.04e-04	-5.51e-06	-7.82e-05	9.20e-06
493	37	-1.42e-03	5.52e-05	-4.47e-04	-4.57e-06	-6.49e-05	7.75e-06
494	7	-3.13e-03	3.38e-04	-7.09e-04	-1.11e-05	-1.37e-04	2.83e-06
494	8	-3.08e-03	3.33e-04	-7.11e-04	-1.10e-05	-1.35e-04	3.06e-06
494	31	-2.27e-03	2.45e-04	-5.24e-04	-8.09e-06	-9.94e-05	2.15e-06
494	32	-2.24e-03	2.41e-04	-5.25e-04	-7.98e-06	-9.78e-05	2.30e-06
494	37	-1.86e-03	1.98e-04	-4.58e-04	-6.65e-06	-8.14e-05	2.05e-06
495	1	0.0	0.0	0.0	0.0	0.0	0.0
495	25	0.0	0.0	0.0	0.0	0.0	0.0
495	37	0.0	0.0	0.0	0.0	0.0	0.0
496	7	-1.74e-03	-2.18e-05	-6.00e-04	-6.36e-06	-8.34e-05	8.55e-06
496	8	-1.69e-03	-2.86e-05	-6.05e-04	-6.21e-06	-8.12e-05	8.55e-06
496	21	-1.28e-03	-5.55e-05	-5.46e-04	-4.73e-06	-6.14e-05	7.10e-06
496	31	-1.26e-03	-2.11e-05	-4.47e-04	-4.61e-06	-6.03e-05	6.26e-06
496	32	-1.23e-03	-2.57e-05	-4.51e-04	-4.50e-06	-5.89e-05	6.26e-06
496	35	-9.52e-04	-4.36e-05	-4.12e-04	-3.52e-06	-4.56e-05	5.29e-06
496	37	-1.01e-03	-3.46e-05	-4.04e-04	-3.72e-06	-4.86e-05	5.28e-06
497	1	0.0	0.0	0.0	0.0	0.0	0.0
497	25	0.0	0.0	0.0	0.0	0.0	0.0
497	37	0.0	0.0	0.0	0.0	0.0	0.0
498	7	-1.33e-03	-8.17e-05	-5.04e-04	-4.34e-06	-6.61e-05	4.18e-06
498	8	-1.28e-03	-8.87e-05	-5.10e-04	-4.18e-06	-6.39e-05	4.22e-06
498	21	-9.43e-04	-1.08e-04	-4.67e-04	-3.05e-06	-4.70e-05	3.59e-06
498	31	-9.57e-04	-6.55e-05	-3.77e-04	-3.13e-06	-4.77e-05	3.07e-06
498	32	-9.28e-04	-7.01e-05	-3.81e-04	-3.02e-06	-4.62e-05	3.10e-06
498	35	-7.01e-04	-8.29e-05	-3.52e-04	-2.26e-06	-3.49e-05	2.68e-06
498	37	-7.61e-04	-7.36e-05	-3.45e-04	-2.47e-06	-3.79e-05	2.63e-06
499	1	0.0	0.0	0.0	0.0	0.0	0.0
499	25	0.0	0.0	0.0	0.0	0.0	0.0
499	37	0.0	0.0	0.0	0.0	0.0	0.0
500	7	-1.16e-03	-8.52e-05	-4.13e-04	-4.15e-06	-5.95e-05	0.0
500	8	-1.11e-03	-9.22e-05	-4.19e-04	-4.00e-06	-5.72e-05	0.0
500	21	-8.03e-04	-1.11e-04	-3.90e-04	-2.89e-06	-4.13e-05	0.0
500	31	-8.35e-04	-6.81e-05	-3.11e-04	-2.99e-06	-4.28e-05	0.0
500	32	-8.04e-04	-7.27e-05	-3.14e-04	-2.88e-06	-4.13e-05	0.0
500	35	-5.97e-04	-8.52e-05	-2.95e-04	-2.14e-06	-3.07e-05	0.0
500	37	-6.57e-04	-7.59e-05	-2.88e-04	-2.36e-06	-3.37e-05	0.0
501	1	0.0	0.0	0.0	0.0	0.0	0.0
501	25	0.0	0.0	0.0	0.0	0.0	0.0
501	37	0.0	0.0	0.0	0.0	0.0	0.0
502	7	-1.23e-03	-5.83e-05	-3.40e-04	-4.21e-06	-6.43e-05	-4.66e-06
502	8	-1.18e-03	-6.50e-05	-3.45e-04	-4.04e-06	-6.19e-05	-4.60e-06

502	21	-8.57e-04	-8.74e-05	-3.29e-04	-2.92e-06	-4.51e-05	-3.70e-06
502	31	-8.83e-04	-4.83e-05	-2.57e-04	-3.03e-06	-4.63e-05	-3.41e-06
502	32	-8.52e-04	-5.27e-05	-2.60e-04	-2.92e-06	-4.47e-05	-3.36e-06
502	35	-6.37e-04	-6.76e-05	-2.49e-04	-2.17e-06	-3.35e-05	-2.77e-06
502	37	-6.99e-04	-5.87e-05	-2.43e-04	-2.39e-06	-3.67e-05	-2.85e-06
503	1	0.0	0.0	0.0	0.0	0.0	0.0
503	25	0.0	0.0	0.0	0.0	0.0	0.0
503	37	0.0	0.0	0.0	0.0	0.0	0.0
504	7	-1.51e-03	-2.22e-05	-2.82e-04	-6.08e-06	-8.02e-05	-8.87e-06
504	8	-1.46e-03	-2.88e-05	-2.88e-04	-5.91e-06	-7.77e-05	-8.80e-06
504	21	-1.09e-03	-5.67e-05	-2.83e-04	-4.45e-06	-5.81e-05	-7.23e-06
504	31	-1.09e-03	-2.17e-05	-2.15e-04	-4.40e-06	-5.80e-05	-6.50e-06
504	32	-1.06e-03	-2.61e-05	-2.18e-04	-4.28e-06	-5.63e-05	-6.45e-06
504	35	-8.12e-04	-4.47e-05	-2.15e-04	-3.31e-06	-4.32e-05	-5.40e-06
504	37	-8.75e-04	-3.59e-05	-2.08e-04	-3.55e-06	-4.66e-05	-5.49e-06
505	1	0.0	0.0	0.0	0.0	0.0	0.0
505	25	0.0	0.0	0.0	0.0	0.0	0.0
505	37	0.0	0.0	0.0	0.0	0.0	0.0
506	7	-1.98e-03	1.12e-05	-2.41e-04	-7.29e-06	-1.05e-04	-1.24e-05
506	21	-1.48e-03	-3.05e-05	-2.53e-04	-5.46e-06	-7.90e-05	-1.02e-05
506	23	-1.01e-03	-3.40e-05	-1.98e-04	-3.73e-06	-5.40e-05	-7.29e-06
506	31	-1.43e-03	2.57e-06	-1.85e-04	-5.29e-06	-7.65e-05	-9.08e-06
506	35	-1.11e-03	-2.53e-05	-1.94e-04	-4.07e-06	-5.89e-05	-7.63e-06
506	37	-1.17e-03	-1.61e-05	-1.86e-04	-4.31e-06	-6.23e-05	-7.71e-06
507	7	-2.43e-03	2.65e-06	-2.91e-04	-7.30e-06	-1.30e-04	0.0
507	21	-1.88e-03	-4.84e-05	-3.21e-04	-5.43e-06	-9.94e-05	-1.75e-06
507	23	-1.31e-03	-5.01e-05	-2.54e-04	-3.70e-06	-6.86e-05	-1.56e-06
507	31	-1.77e-03	-5.55e-06	-2.26e-04	-5.29e-06	-9.43e-05	0.0
507	35	-1.40e-03	-3.96e-05	-2.46e-04	-4.05e-06	-7.41e-05	-1.33e-06
507	37	-1.46e-03	-2.88e-05	-2.34e-04	-4.30e-06	-7.76e-05	0.0
508	7	-8.28e-03	4.43e-04	-1.37e-03	-1.24e-05	-1.78e-04	3.67e-05
508	8	-8.11e-03	4.24e-04	-1.38e-03	-1.22e-05	-1.75e-04	3.66e-05
508	31	-6.01e-03	3.13e-04	-1.01e-03	-9.02e-06	-1.29e-04	2.68e-05
508	32	-5.89e-03	3.00e-04	-1.02e-03	-8.85e-06	-1.27e-04	2.68e-05
508	37	-4.89e-03	2.26e-04	-9.05e-04	-7.34e-06	-1.05e-04	2.26e-05
509	7	-0.01	8.14e-04	-1.40e-03	-1.54e-05	-2.20e-04	3.30e-05
509	8	-0.01	7.96e-04	-1.40e-03	-1.51e-05	-2.16e-04	3.30e-05
509	31	-7.85e-03	5.86e-04	-1.03e-03	-1.12e-05	-1.60e-04	2.41e-05
509	32	-7.73e-03	5.74e-04	-1.04e-03	-1.10e-05	-1.57e-04	2.42e-05
509	37	-6.43e-03	4.61e-04	-9.03e-04	-9.13e-06	-1.31e-04	2.04e-05
510	7	-6.14e-03	1.66e-04	-1.20e-03	-1.06e-05	-1.39e-04	2.64e-05
510	8	-5.98e-03	1.47e-04	-1.21e-03	-1.03e-05	-1.35e-04	2.64e-05
510	31	-4.44e-03	1.08e-04	-8.92e-04	-7.64e-06	-1.01e-04	1.93e-05
510	32	-4.33e-03	9.58e-05	-8.99e-04	-7.48e-06	-9.82e-05	1.94e-05
510	37	-3.58e-03	5.01e-05	-8.04e-04	-6.18e-06	-8.10e-05	1.63e-05
511	7	-4.75e-03	3.12e-05	-9.85e-04	-7.34e-06	-1.12e-04	1.35e-05
511	8	-4.59e-03	1.23e-05	-9.96e-04	-7.08e-06	-1.08e-04	1.36e-05
511	23	-2.25e-03	-8.26e-05	-6.80e-04	-3.43e-06	-5.33e-05	8.35e-06
511	31	-3.42e-03	9.55e-06	-7.37e-04	-5.29e-06	-8.06e-05	9.88e-06
511	32	-3.32e-03	-3.07e-06	-7.44e-04	-5.12e-06	-7.82e-05	9.96e-06
511	35	-2.51e-03	-6.01e-05	-6.87e-04	-3.85e-06	-5.94e-05	8.59e-06
511	37	-2.72e-03	-3.48e-05	-6.73e-04	-4.19e-06	-6.42e-05	8.43e-06
512	7	-4.16e-03	1.44e-05	-7.95e-04	-7.04e-06	-1.01e-04	0.0
512	8	-4.00e-03	-4.27e-06	-8.05e-04	-6.78e-06	-9.71e-05	0.0
512	23	-1.91e-03	-9.14e-05	-5.64e-04	-3.25e-06	-4.65e-05	0.0
512	31	-3.00e-03	-2.67e-06	-5.97e-04	-5.07e-06	-7.26e-05	0.0
512	32	-2.89e-03	-1.51e-05	-6.04e-04	-4.90e-06	-7.01e-05	0.0
512	35	-2.15e-03	-6.96e-05	-5.67e-04	-3.66e-06	-5.24e-05	0.0
512	37	-2.36e-03	-4.48e-05	-5.53e-04	-4.01e-06	-5.74e-05	0.0
513	7	-4.37e-03	7.23e-05	-6.48e-04	-7.13e-06	-1.08e-04	-1.43e-05
513	8	-4.21e-03	5.40e-05	-6.59e-04	-6.86e-06	-1.05e-04	-1.41e-05
513	31	-3.15e-03	4.01e-05	-4.90e-04	-5.13e-06	-7.81e-05	-1.05e-05
513	32	-3.04e-03	2.79e-05	-4.97e-04	-4.95e-06	-7.55e-05	-1.03e-05
513	37	-2.50e-03	-7.48e-06	-4.63e-04	-4.06e-06	-6.20e-05	-8.77e-06
514	7	-5.31e-03	1.65e-04	-5.40e-04	-1.01e-05	-1.34e-04	-2.68e-05
514	8	-5.14e-03	1.47e-04	-5.51e-04	-9.82e-06	-1.30e-04	-2.66e-05
514	31	-3.84e-03	1.08e-04	-4.11e-04	-7.32e-06	-9.68e-05	-1.96e-05
514	32	-3.73e-03	9.58e-05	-4.19e-04	-7.12e-06	-9.41e-05	-1.95e-05
514	37	-3.08e-03	5.05e-05	-3.98e-04	-5.91e-06	-7.78e-05	-1.66e-05
515	7	-6.80e-03	2.61e-04	-4.61e-04	-1.21e-05	-1.73e-04	-3.54e-05
515	21	-5.10e-03	1.19e-04	-4.87e-04	-9.08e-06	-1.29e-04	-2.93e-05
515	31	-4.94e-03	1.78e-04	-3.55e-04	-8.79e-06	-1.25e-04	-2.60e-05
515	35	-3.80e-03	8.30e-05	-3.72e-04	-6.77e-06	-9.64e-05	-2.19e-05
515	37	-4.02e-03	1.08e-04	-3.56e-04	-7.16e-06	-1.02e-04	-2.21e-05
516	7	-8.37e-03	3.25e-04	-4.67e-04	-1.48e-05	-2.12e-04	-2.73e-05
516	21	-6.44e-03	1.60e-04	-5.23e-04	-1.13e-05	-1.62e-04	-2.34e-05
516	31	-6.09e-03	2.23e-04	-3.64e-04	-1.08e-05	-1.54e-04	-2.01e-05

516	35	-4.80e-03	1.13e-04	-4.01e-04	-8.44e-06	-1.21e-04	-1.75e-05
516	37	-5.02e-03	1.40e-04	-3.80e-04	-8.85e-06	-1.27e-04	-1.74e-05
517	7	-0.02	8.71e-04	-2.08e-03	-1.46e-05	-2.09e-04	6.81e-05
517	8	-0.02	8.36e-04	-2.09e-03	-1.43e-05	-2.05e-04	6.79e-05
517	31	-0.01	6.16e-04	-1.54e-03	-1.06e-05	-1.52e-04	4.98e-05
517	32	-0.01	5.93e-04	-1.55e-03	-1.04e-05	-1.49e-04	4.97e-05
517	37	-9.50e-03	4.50e-04	-1.37e-03	-8.64e-06	-1.24e-04	4.18e-05
518	7	-0.02	1.41e-03	-2.14e-03	-1.80e-05	-2.58e-04	7.36e-05
518	8	-0.02	1.38e-03	-2.15e-03	-1.77e-05	-2.54e-04	7.34e-05
518	31	-0.02	1.01e-03	-1.58e-03	-1.31e-05	-1.88e-04	5.38e-05
518	32	-0.01	9.91e-04	-1.59e-03	-1.29e-05	-1.85e-04	5.36e-05
518	37	-0.01	7.89e-04	-1.39e-03	-1.07e-05	-1.54e-04	4.52e-05
519	7	-0.01	4.69e-04	-1.79e-03	-1.25e-05	-1.64e-04	5.02e-05
519	8	-0.01	4.34e-04	-1.81e-03	-1.22e-05	-1.60e-04	5.02e-05
519	31	-8.74e-03	3.21e-04	-1.33e-03	-9.05e-06	-1.19e-04	3.67e-05
519	32	-8.53e-03	2.98e-04	-1.34e-03	-8.86e-06	-1.16e-04	3.68e-05
519	37	-7.04e-03	1.99e-04	-1.20e-03	-7.33e-06	-9.58e-05	3.10e-05
520	7	-9.40e-03	2.68e-04	-1.44e-03	-8.63e-06	-1.32e-04	2.66e-05
520	8	-9.10e-03	2.34e-04	-1.46e-03	-8.34e-06	-1.28e-04	2.68e-05
520	31	-6.78e-03	1.74e-04	-1.08e-03	-6.22e-06	-9.54e-05	1.95e-05
520	32	-6.58e-03	1.51e-04	-1.09e-03	-6.03e-06	-9.26e-05	1.96e-05
520	37	-5.40e-03	7.48e-05	-9.84e-04	-4.94e-06	-7.61e-05	1.66e-05
521	7	-8.24e-03	2.43e-04	-1.15e-03	-8.30e-06	-1.19e-04	0.0
521	8	-7.93e-03	2.10e-04	-1.16e-03	-7.99e-06	-1.14e-04	0.0
521	31	-5.93e-03	1.56e-04	-8.61e-04	-5.97e-06	-8.56e-05	0.0
521	32	-5.73e-03	1.34e-04	-8.71e-04	-5.77e-06	-8.27e-05	0.0
521	37	-4.69e-03	6.17e-05	-7.97e-04	-4.72e-06	-6.76e-05	0.0
522	7	-8.63e-03	3.40e-04	-9.32e-04	-8.41e-06	-1.27e-04	-2.64e-05
522	8	-8.32e-03	3.07e-04	-9.47e-04	-8.10e-06	-1.23e-04	-2.60e-05
522	31	-6.22e-03	2.28e-04	-7.04e-04	-6.06e-06	-9.18e-05	-1.93e-05
522	32	-6.01e-03	2.06e-04	-7.14e-04	-5.85e-06	-8.87e-05	-1.91e-05
522	37	-4.93e-03	1.25e-04	-6.65e-04	-4.79e-06	-7.28e-05	-1.62e-05
523	7	-0.01	5.04e-04	-7.82e-04	-1.19e-05	-1.58e-04	-4.99e-05
523	8	-0.01	4.72e-04	-7.98e-04	-1.16e-05	-1.53e-04	-4.96e-05
523	31	-7.54e-03	3.49e-04	-5.95e-04	-8.61e-06	-1.14e-04	-3.66e-05
523	32	-7.33e-03	3.27e-04	-6.06e-04	-8.39e-06	-1.11e-04	-3.63e-05
523	37	-6.06e-03	2.28e-04	-5.76e-04	-6.95e-06	-9.18e-05	-3.10e-05
524	7	-0.01	6.89e-04	-6.66e-04	-1.44e-05	-2.05e-04	-6.50e-05
524	21	-9.94e-03	4.08e-04	-7.04e-04	-1.08e-05	-1.54e-04	-5.37e-05
524	31	-9.62e-03	4.83e-04	-5.13e-04	-1.04e-05	-1.49e-04	-4.77e-05
524	35	-7.41e-03	2.96e-04	-5.38e-04	-8.05e-06	-1.15e-04	-4.01e-05
524	37	-7.84e-03	3.41e-04	-5.14e-04	-8.51e-06	-1.21e-04	-4.05e-05
525	7	-0.02	8.59e-04	-5.97e-04	-1.78e-05	-2.55e-04	-6.34e-05
525	21	-0.01	5.40e-04	-6.78e-04	-1.36e-05	-1.95e-04	-5.27e-05
525	31	-0.01	6.07e-04	-4.68e-04	-1.30e-05	-1.86e-04	-4.65e-05
525	35	-9.37e-03	3.94e-04	-5.21e-04	-1.02e-05	-1.46e-04	-3.94e-05
525	37	-9.80e-03	4.40e-04	-4.92e-04	-1.07e-05	-1.53e-04	-3.96e-05
526	7	-0.02	1.32e-03	-2.81e-03	-1.43e-05	-2.06e-04	1.04e-04
526	8	-0.02	1.27e-03	-2.84e-03	-1.41e-05	-2.02e-04	1.04e-04
526	31	-0.02	9.34e-04	-2.09e-03	-1.04e-05	-1.49e-04	7.62e-05
526	32	-0.02	8.99e-04	-2.11e-03	-1.02e-05	-1.47e-04	7.60e-05
526	37	-0.01	6.83e-04	-1.86e-03	-8.49e-06	-1.22e-04	6.40e-05
527	7	-0.03	2.05e-03	-2.95e-03	-1.79e-05	-2.56e-04	1.20e-04
527	8	-0.03	2.00e-03	-2.97e-03	-1.76e-05	-2.52e-04	1.19e-04
527	31	-0.02	1.47e-03	-2.18e-03	-1.30e-05	-1.86e-04	8.77e-05
527	32	-0.02	1.43e-03	-2.20e-03	-1.28e-05	-1.83e-04	8.73e-05
527	37	-0.02	1.14e-03	-1.92e-03	-1.07e-05	-1.53e-04	7.33e-05
528	7	-0.02	8.07e-04	-2.37e-03	-1.22e-05	-1.59e-04	7.75e-05
528	8	-0.02	7.56e-04	-2.39e-03	-1.19e-05	-1.55e-04	7.75e-05
528	31	-0.01	5.58e-04	-1.76e-03	-8.85e-06	-1.15e-04	5.67e-05
528	32	-0.01	5.24e-04	-1.78e-03	-8.67e-06	-1.12e-04	5.67e-05
528	37	-0.01	3.66e-04	-1.59e-03	-7.18e-06	-9.28e-05	4.79e-05
529	7	-0.01	5.59e-04	-1.86e-03	-8.08e-06	-1.26e-04	4.25e-05
529	8	-0.01	5.10e-04	-1.89e-03	-7.81e-06	-1.22e-04	4.28e-05
529	31	-0.01	3.78e-04	-1.39e-03	-5.82e-06	-9.08e-05	3.12e-05
529	32	-0.01	3.45e-04	-1.41e-03	-5.64e-06	-8.81e-05	3.14e-05
529	37	-8.23e-03	2.17e-04	-1.27e-03	-4.62e-06	-7.24e-05	2.66e-05
530	7	-0.01	5.39e-04	-1.46e-03	-7.76e-06	-1.11e-04	2.88e-06
530	8	-0.01	4.91e-04	-1.48e-03	-7.47e-06	-1.07e-04	3.33e-06
530	31	-9.01e-03	3.64e-04	-1.10e-03	-5.59e-06	-8.00e-05	2.19e-06
530	32	-8.70e-03	3.32e-04	-1.11e-03	-5.39e-06	-7.73e-05	2.49e-06
530	37	-7.11e-03	2.09e-04	-1.01e-03	-4.41e-06	-6.32e-05	2.10e-06
531	7	-0.01	6.85e-04	-1.18e-03	-7.89e-06	-1.19e-04	-3.81e-05
531	8	-0.01	6.37e-04	-1.20e-03	-7.59e-06	-1.15e-04	-3.76e-05
531	31	-9.42e-03	4.72e-04	-8.94e-04	-5.68e-06	-2.79e-05	-2.79e-05
531	32	-9.10e-03	4.40e-04	-9.08e-04	-5.48e-06	-8.28e-05	-2.75e-05
531	37	-7.47e-03	3.04e-04	-8.44e-04	-4.48e-06	-6.79e-05	-2.34e-05

532	7	-0.02	9.33e-04	-1.00e-03	-1.14e-05	-1.51e-04	-7.47e-05
532	22	-0.01	6.76e-04	-1.03e-03	-9.44e-06	-1.24e-04	-6.68e-05
532	31	-0.01	6.54e-04	-7.65e-04	-8.28e-06	-1.09e-04	-5.47e-05
532	36	-9.55e-03	4.83e-04	-7.79e-04	-6.95e-06	-9.11e-05	-4.95e-05
532	37	-9.21e-03	4.61e-04	-7.39e-04	-6.68e-06	-8.78e-05	-4.64e-05
533	7	-0.02	1.22e-03	-8.56e-04	-1.43e-05	-2.04e-04	-9.81e-05
533	21	-0.02	7.86e-04	-9.04e-04	-1.08e-05	-1.53e-04	-8.11e-05
533	31	-0.01	8.66e-04	-6.59e-04	-1.04e-05	-1.48e-04	-7.20e-05
533	35	-0.01	5.75e-04	-6.91e-04	-8.02e-06	-1.14e-04	-6.06e-05
533	37	-0.01	6.40e-04	-6.59e-04	-8.48e-06	-1.21e-04	-6.12e-05
534	7	-0.03	1.52e-03	-7.05e-04	-1.83e-05	-2.62e-04	-1.04e-04
534	21	-0.02	1.02e-03	-8.09e-04	-1.40e-05	-2.01e-04	-8.59e-05
534	31	-0.02	1.08e-03	-5.53e-04	-1.33e-05	-1.91e-04	-7.64e-05
534	35	-0.01	7.52e-04	-6.23e-04	-1.05e-05	-1.50e-04	-6.42e-05
534	37	-0.02	8.19e-04	-5.86e-04	-1.10e-05	-1.57e-04	-6.49e-05
535	7	-0.03	1.70e-03	-3.60e-03	-1.16e-05	-1.66e-04	1.43e-04
535	8	-0.03	1.64e-03	-3.63e-03	-1.14e-05	-1.63e-04	1.42e-04
535	31	-0.02	1.20e-03	-2.67e-03	-8.43e-06	-1.21e-04	1.05e-04
535	32	-0.02	1.16e-03	-2.69e-03	-8.30e-06	-1.19e-04	1.04e-04
535	37	-0.02	8.74e-04	-2.88e-03	-6.90e-06	-9.89e-05	8.76e-05
536	7	-0.04	2.63e-03	-3.86e-03	-1.49e-05	-2.14e-04	1.70e-04
536	8	-0.04	2.55e-03	-3.89e-03	-1.47e-05	-2.11e-04	1.69e-04
536	31	-0.03	1.88e-03	-2.86e-03	-1.09e-05	-1.55e-04	1.24e-04
536	32	-0.03	1.83e-03	-2.88e-03	-1.07e-05	-1.53e-04	1.23e-04
536	37	-0.02	1.44e-03	-2.52e-03	-8.93e-06	-1.28e-04	1.03e-04
537	7	-0.02	1.11e-03	-2.92e-03	-9.74e-06	-1.23e-04	1.07e-04
537	8	-0.02	1.04e-03	-2.95e-03	-9.54e-06	-1.20e-04	1.07e-04
537	31	-0.02	7.69e-04	-2.18e-03	-7.07e-06	-8.90e-05	7.80e-05
537	32	-0.02	7.25e-04	-2.19e-03	-6.93e-06	-8.71e-05	7.80e-05
537	37	-0.01	5.11e-04	-1.95e-03	-5.75e-06	-7.21e-05	6.58e-05
538	7	-0.02	8.48e-04	-2.23e-03	-5.73e-06	-9.28e-05	6.04e-05
538	8	-0.02	7.85e-04	-2.26e-03	-5.53e-06	-8.99e-05	6.07e-05
538	31	-0.01	5.80e-04	-1.67e-03	-4.12e-06	-6.70e-05	4.43e-05
538	32	-0.01	5.38e-04	-1.69e-03	-3.99e-06	-6.50e-05	4.45e-05
538	37	-0.01	3.59e-04	-1.52e-03	-3.26e-06	-5.34e-05	3.76e-05
539	7	-0.02	8.47e-04	-1.72e-03	-5.49e-06	-7.86e-05	8.32e-06
539	8	-0.02	7.86e-04	-1.74e-03	-5.27e-06	-7.56e-05	8.84e-06
539	31	-0.01	5.81e-04	-1.29e-03	-3.95e-06	-5.65e-05	6.18e-06
539	32	-0.01	5.41e-04	-1.31e-03	-3.80e-06	-5.45e-05	6.52e-06
539	37	-9.11e-03	3.66e-04	-1.19e-03	-3.10e-06	-4.44e-05	5.50e-06
540	7	-0.02	1.04e-03	-1.40e-03	-5.61e-06	-8.37e-05	-4.66e-05
540	8	-0.02	9.84e-04	-1.42e-03	-5.38e-06	-8.04e-05	-4.60e-05
540	31	-0.01	7.27e-04	-1.05e-03	-4.03e-06	-6.02e-05	-3.41e-05
540	32	-0.01	6.87e-04	-1.07e-03	-3.88e-06	-5.80e-05	-3.37e-05
540	37	-9.55e-03	4.95e-04	-9.97e-04	-3.16e-06	-4.73e-05	-2.87e-05
541	7	-0.02	1.38e-03	-1.21e-03	-8.66e-06	-1.13e-04	-9.78e-05
541	22	-0.02	1.04e-03	-1.23e-03	-7.14e-06	-9.24e-05	-8.77e-05
541	31	-0.01	9.75e-04	-9.18e-04	-6.27e-06	-8.18e-05	-7.17e-05
541	36	-0.01	7.46e-04	-9.36e-04	-5.25e-06	-6.79e-05	-6.50e-05
541	37	-0.01	7.08e-04	-8.88e-04	-5.05e-06	-6.56e-05	-6.09e-05
542	7	-0.03	1.79e-03	-1.04e-03	-1.18e-05	-1.68e-04	-1.32e-04
542	22	-0.02	1.40e-03	-1.10e-03	-9.97e-06	-1.42e-04	-1.19e-04
542	31	-0.02	1.27e-03	-7.98e-04	-8.58e-06	-1.22e-04	-9.69e-05
542	36	-0.02	1.02e-03	-8.36e-04	-7.35e-06	-1.05e-04	-8.82e-05
542	37	-0.02	9.61e-04	-7.96e-04	-7.02e-06	-9.98e-05	-8.25e-05
543	7	-0.03	2.22e-03	-8.04e-04	-1.63e-05	-2.33e-04	-1.47e-04
543	21	-0.03	1.55e-03	-9.28e-04	-1.26e-05	-1.80e-04	-1.21e-04
543	31	-0.02	1.59e-03	-6.31e-04	-1.18e-05	-1.69e-04	-1.08e-04
543	35	-0.02	1.14e-03	-7.14e-04	-9.38e-06	-1.34e-04	-9.05e-05
543	37	-0.02	1.23e-03	-6.71e-04	-9.77e-06	-1.40e-04	-9.15e-05
544	7	-0.04	1.92e-03	-4.44e-03	-6.27e-06	-8.98e-05	1.82e-04
544	8	-0.04	1.84e-03	-4.48e-03	-6.20e-06	-8.88e-05	1.81e-04
544	31	-0.03	1.35e-03	-3.29e-03	-4.57e-06	-6.54e-05	1.33e-04
544	32	-0.03	1.30e-03	-3.32e-03	-4.52e-06	-6.48e-05	1.32e-04
544	37	-0.02	9.67e-04	-2.93e-03	-3.78e-06	-5.42e-05	1.11e-04
545	7	-0.05	3.01e-03	-4.92e-03	-8.90e-06	-1.28e-04	2.20e-04
545	8	-0.05	2.93e-03	-4.96e-03	-8.83e-06	-1.27e-04	2.19e-04
545	31	-0.04	2.15e-03	-3.64e-03	-6.49e-06	-9.30e-05	1.61e-04
545	32	-0.04	2.09e-03	-3.67e-03	-6.45e-06	-9.23e-05	1.60e-04
545	37	-0.03	1.64e-03	-3.21e-03	-5.40e-06	-7.74e-05	1.34e-04
546	7	-0.03	1.32e-03	-3.43e-03	-5.01e-06	-5.66e-05	1.35e-04
546	8	-0.03	1.24e-03	-3.46e-03	-4.94e-06	-5.56e-05	1.35e-04
546	31	-0.02	9.12e-04	-2.55e-03	-3.64e-06	-4.11e-05	9.86e-05
546	32	-0.02	8.60e-04	-2.58e-03	-3.60e-06	-4.05e-05	9.85e-05
546	37	-0.02	6.03e-04	-2.29e-03	-3.00e-06	-3.36e-05	8.30e-05
547	7	-0.02	1.09e-03	-2.53e-03	-1.79e-06	-3.57e-05	7.84e-05
547	8	-0.02	1.02e-03	-2.56e-03	-1.72e-06	-3.46e-05	7.86e-05

547	31	-0.02	7.50e-04	-1.89e-03	-1.28e-06	-2.58e-05	5.75e-05
547	32	-0.01	7.02e-04	-1.91e-03	-1.24e-06	-2.51e-05	5.76e-05
547	37	-0.01	4.78e-04	-1.72e-03	-1.00e-06	-2.05e-05	4.87e-05
548	7	-0.02	1.12e-03	-1.91e-03	-1.74e-06	-2.49e-05	1.70e-05
548	8	-0.02	1.05e-03	-1.94e-03	-1.65e-06	-2.37e-05	1.75e-05
548	31	-0.01	7.74e-04	-1.44e-03	-1.24e-06	-1.78e-05	1.25e-05
548	32	-0.01	7.27e-04	-1.45e-03	-1.18e-06	-1.70e-05	1.29e-05
548	37	-0.01	5.07e-04	-1.33e-03	0.0	-1.36e-05	1.08e-05
549	7	-0.02	1.36e-03	-1.56e-03	-1.84e-06	-2.50e-05	-4.85e-05
549	8	-0.02	1.29e-03	-1.59e-03	-1.73e-06	-2.36e-05	-4.80e-05
549	31	-0.01	9.50e-04	-1.18e-03	-1.31e-06	-1.78e-05	-3.55e-05
549	32	-0.01	9.03e-04	-1.20e-03	-1.24e-06	-1.69e-05	-3.52e-05
549	37	-0.01	6.62e-04	-1.12e-03	0.0	-1.34e-05	-3.00e-05
550	7	-0.02	1.78e-03	-1.39e-03	-3.54e-06	-4.46e-05	-1.15e-04
550	22	-0.02	1.36e-03	-1.42e-03	-2.89e-06	-3.56e-05	-1.03e-04
550	31	-0.02	1.26e-03	-1.05e-03	-2.56e-06	-3.21e-05	-8.42e-05
550	36	-0.01	9.81e-04	-1.08e-03	-2.12e-06	-2.61e-05	-7.65e-05
550	37	-0.01	9.28e-04	-1.02e-03	-2.05e-06	-2.54e-05	-7.16e-05
551	7	-0.03	2.30e-03	-1.22e-03	-6.71e-06	-9.51e-05	-1.64e-04
551	22	-0.03	1.83e-03	-1.29e-03	-5.72e-06	-8.11e-05	-1.48e-04
551	31	-0.02	1.64e-03	-9.37e-04	-4.88e-06	-6.92e-05	-1.20e-04
551	36	-0.02	1.33e-03	-9.81e-04	-4.22e-06	-5.98e-05	-1.10e-04
551	37	-0.02	1.26e-03	-9.32e-04	-4.01e-06	-5.69e-05	-1.02e-04
552	7	-0.04	2.87e-03	-9.02e-04	-1.14e-05	-1.63e-04	-1.90e-04
552	21	-0.03	2.05e-03	-1.05e-03	-8.99e-06	-1.29e-04	-1.56e-04
552	31	-0.03	2.06e-03	-7.09e-04	-8.30e-06	-1.19e-04	-1.39e-04
552	35	-0.02	1.51e-03	-8.04e-04	-6.71e-06	-9.61e-05	-1.17e-04
552	37	-0.02	1.61e-03	-7.54e-04	-6.92e-06	-9.91e-05	-1.18e-04
553	7	-0.04	1.87e-03	-5.34e-03	2.02e-06	2.90e-05	2.17e-04
553	8	-0.04	1.78e-03	-5.39e-03	1.91e-06	2.74e-05	2.16e-04
553	31	-0.03	1.31e-03	-3.97e-03	1.45e-06	2.07e-05	1.58e-04
553	32	-0.03	1.25e-03	-4.00e-03	1.37e-06	1.96e-05	1.58e-04
553	37	-0.02	8.97e-04	-3.53e-03	1.10e-06	1.58e-05	1.32e-04
554	7	-0.05	3.05e-03	-6.22e-03	0.0	1.15e-05	2.69e-04
554	8	-0.05	2.95e-03	-6.28e-03	0.0	9.82e-06	2.67e-04
554	31	-0.04	2.17e-03	-4.61e-03	0.0	7.90e-06	1.96e-04
554	32	-0.04	2.10e-03	-4.65e-03	0.0	6.76e-06	1.95e-04
554	37	-0.03	1.62e-03	-4.07e-03	0.0	4.93e-06	1.63e-04
555	7	-0.03	1.40e-03	-3.84e-03	2.09e-06	3.99e-05	1.57e-04
555	8	-0.03	1.32e-03	-3.88e-03	2.00e-06	3.84e-05	1.57e-04
555	31	-0.02	9.69e-04	-2.86e-03	1.50e-06	2.87e-05	1.15e-04
555	32	-0.02	9.15e-04	-2.88e-03	1.44e-06	2.77e-05	1.15e-04
555	37	-0.02	6.32e-04	-2.56e-03	1.17e-06	2.26e-05	9.65e-05
556	7	-0.02	1.27e-03	-2.72e-03	3.33e-06	4.13e-05	9.28e-05
556	8	-0.02	1.20e-03	-2.76e-03	3.22e-06	3.98e-05	9.28e-05
556	31	-0.02	8.79e-04	-2.04e-03	2.40e-06	2.98e-05	6.79e-05
556	32	-0.01	8.28e-04	-2.06e-03	2.33e-06	2.88e-05	6.79e-05
556	37	-0.01	5.72e-04	-1.85e-03	1.91e-06	2.36e-05	5.73e-05
557	7	-0.02	1.32e-03	-2.03e-03	3.01e-06	4.32e-05	2.80e-05
557	8	-0.02	1.25e-03	-2.06e-03	2.92e-06	4.18e-05	2.83e-05
557	31	-0.01	9.19e-04	-1.53e-03	2.18e-06	3.12e-05	2.05e-05
557	32	-0.01	8.71e-04	-1.55e-03	2.11e-06	3.02e-05	2.07e-05
557	37	-0.01	6.17e-04	-1.42e-03	1.74e-06	2.50e-05	1.74e-05
558	7	-0.02	1.57e-03	-1.67e-03	2.90e-06	4.91e-05	-4.07e-05
558	8	-0.02	1.49e-03	-1.70e-03	2.82e-06	4.78e-05	-4.03e-05
558	31	-0.01	1.10e-03	-1.26e-03	2.10e-06	3.56e-05	-2.98e-05
558	32	-0.01	1.05e-03	-1.28e-03	2.05e-06	3.47e-05	-2.96e-05
558	37	-0.01	7.76e-04	-1.20e-03	1.70e-06	2.89e-05	-2.54e-05
559	7	-0.02	2.04e-03	-1.53e-03	3.82e-06	5.09e-05	-1.18e-04
559	22	-0.02	1.58e-03	-1.57e-03	3.20e-06	4.28e-05	-1.07e-04
559	31	-0.02	1.45e-03	-1.17e-03	2.77e-06	3.70e-05	-8.64e-05
559	36	-0.01	1.14e-03	-1.19e-03	2.36e-06	3.16e-05	-7.90e-05
559	37	-0.01	1.07e-03	-1.13e-03	2.26e-06	3.02e-05	-7.37e-05
560	7	-0.03	2.67e-03	-1.42e-03	1.42e-06	2.08e-05	-1.86e-04
560	22	-0.03	2.15e-03	-1.49e-03	1.07e-06	1.58e-05	-1.69e-04
560	31	-0.02	1.91e-03	-1.09e-03	1.02e-06	1.49e-05	-1.37e-04
560	36	-0.02	1.57e-03	-1.14e-03	0.0	1.15e-05	-1.26e-04
560	37	-0.02	1.47e-03	-1.08e-03	0.0	1.15e-05	-1.17e-04
561	7	-0.04	3.38e-03	-1.00e-03	-2.99e-06	-4.29e-05	-2.26e-04
561	21	-0.03	2.45e-03	-1.16e-03	-2.73e-06	-3.92e-05	-1.87e-04
561	31	-0.03	2.43e-03	-7.88e-04	-2.22e-06	-3.18e-05	-1.66e-04
561	35	-0.03	1.81e-03	-8.94e-04	-2.05e-06	-2.93e-05	-1.40e-04
561	37	-0.03	1.91e-03	-8.37e-04	-1.97e-06	-2.82e-05	-1.41e-04
562	7	-0.03	1.45e-03	-6.24e-03	1.39e-05	2.00e-04	2.41e-04
562	8	-0.03	1.36e-03	-6.30e-03	1.36e-05	1.95e-04	2.39e-04
562	31	-0.03	9.91e-04	-4.63e-03	1.01e-05	1.45e-04	1.76e-04
562	32	-0.02	9.31e-04	-4.67e-03	9.88e-06	1.42e-04	1.75e-04

562	37	-0.02	6.08e-04	-4.12e-03	8.18e-06	1.17e-04	1.47e-04
563	7	-0.05	2.40e-03	-8.03e-03	1.57e-05	2.25e-04	3.11e-04
563	8	-0.05	2.30e-03	-8.11e-03	1.54e-05	2.20e-04	3.08e-04
563	31	-0.04	1.68e-03	-5.96e-03	1.14e-05	1.63e-04	2.27e-04
563	32	-0.04	1.61e-03	-6.01e-03	1.12e-05	1.60e-04	2.25e-04
563	37	-0.03	1.17e-03	-5.27e-03	9.25e-06	1.33e-04	1.89e-04
564	7	-0.02	1.42e-03	-4.08e-03	1.17e-05	1.66e-04	1.64e-04
564	8	-0.02	1.34e-03	-4.12e-03	1.14e-05	1.61e-04	1.63e-04
564	31	-0.02	9.80e-04	-3.03e-03	8.49e-06	1.20e-04	1.20e-04
564	32	-0.02	9.30e-04	-3.06e-03	8.28e-06	1.17e-04	1.19e-04
564	37	-0.01	6.37e-04	-2.72e-03	6.84e-06	9.62e-05	1.00e-04
565	7	-0.02	1.41e-03	-2.81e-03	9.07e-06	1.32e-04	9.70e-05
565	8	-0.02	1.34e-03	-2.85e-03	8.73e-06	1.27e-04	9.66e-05
565	31	-0.01	9.82e-04	-2.10e-03	6.53e-06	9.48e-05	7.09e-05
565	32	-0.01	9.36e-04	-2.13e-03	6.30e-06	9.18e-05	7.06e-05
565	37	-0.01	6.58e-04	-1.91e-03	5.15e-06	7.52e-05	5.94e-05
566	7	-0.01	1.45e-03	-2.09e-03	8.08e-06	1.16e-04	3.78e-05
566	8	-0.01	1.39e-03	-2.12e-03	7.75e-06	1.11e-04	3.76e-05
566	31	-0.01	1.01e-03	-1.57e-03	5.81e-06	8.32e-05	2.76e-05
566	32	-0.01	9.70e-04	-1.59e-03	5.59e-06	8.01e-05	2.74e-05
566	37	-8.38e-03	6.94e-04	-1.46e-03	4.56e-06	6.53e-05	2.29e-05
567	7	-0.02	1.64e-03	-1.73e-03	7.78e-06	1.25e-04	-2.19e-05
567	8	-0.01	1.57e-03	-1.76e-03	7.46e-06	1.20e-04	-2.21e-05
567	31	-0.01	1.15e-03	-1.31e-03	5.60e-06	8.98e-05	-1.62e-05
567	32	-0.01	1.11e-03	-1.33e-03	5.38e-06	8.66e-05	-1.64e-05
567	37	-8.63e-03	8.16e-04	-1.24e-03	4.40e-06	7.09e-05	-1.43e-05
568	7	-0.02	2.08e-03	-1.64e-03	1.26e-05	1.59e-04	-9.43e-05
568	22	-0.02	1.62e-03	-1.68e-03	1.03e-05	1.30e-04	-8.67e-05
568	31	-0.01	1.47e-03	-1.24e-03	9.10e-06	1.15e-04	-6.94e-05
568	36	-0.01	1.17e-03	-1.27e-03	7.61e-06	9.53e-05	-6.43e-05
568	37	-0.01	1.09e-03	-1.20e-03	7.33e-06	9.21e-05	-5.98e-05
569	7	-0.03	2.79e-03	-1.67e-03	1.31e-05	1.86e-04	-1.85e-04
569	22	-0.02	2.28e-03	-1.74e-03	1.08e-05	1.54e-04	-1.69e-04
569	31	-0.02	2.00e-03	-1.28e-03	9.46e-06	1.35e-04	-1.36e-04
569	36	-0.02	1.66e-03	-1.32e-03	7.97e-06	1.14e-04	-1.26e-04
569	37	-0.02	1.54e-03	-1.25e-03	7.66e-06	1.09e-04	-1.17e-04
570	7	-0.04	3.63e-03	-1.10e-03	1.08e-05	1.54e-04	-2.47e-04
570	21	-0.03	2.66e-03	-1.27e-03	7.73e-06	1.11e-04	-2.06e-04
570	31	-0.03	2.61e-03	-8.60e-04	7.77e-06	1.11e-04	-1.81e-04
570	35	-0.03	1.97e-03	-9.77e-04	5.75e-06	8.24e-05	-1.54e-04
570	37	-0.03	2.07e-03	-9.13e-04	6.23e-06	8.92e-05	-1.55e-04
571	7	-0.02	1.07e-03	-6.59e-03	3.04e-05	4.35e-04	2.45e-04
571	8	-0.02	1.00e-03	-6.65e-03	2.98e-05	4.27e-04	2.43e-04
571	31	-0.02	7.18e-04	-4.89e-03	2.20e-05	3.16e-04	1.78e-04
571	32	-0.02	6.73e-04	-4.93e-03	2.17e-05	3.10e-04	1.77e-04
571	37	-0.01	3.95e-04	-4.34e-03	1.80e-05	2.58e-04	1.49e-04
572	7	-0.03	-6.03e-04	-0.01	2.14e-06	5.75e-04	3.61e-04
572	8	-0.03	-7.35e-04	-0.01	1.76e-06	5.66e-04	3.58e-04
572	21	-0.03	-1.32e-03	-0.01	0.0	4.44e-04	2.90e-04
572	31	-0.02	-5.63e-04	-8.67e-03	1.44e-06	4.18e-04	2.63e-04
572	32	-0.02	-6.51e-04	-8.76e-03	1.19e-06	4.12e-04	2.61e-04
572	35	-0.02	-1.04e-03	-7.90e-03	0.0	3.30e-04	2.16e-04
572	37	-0.02	-8.68e-04	-7.72e-03	0.0	3.43e-04	2.19e-04
573	7	-0.02	1.52e-03	-4.08e-03	2.05e-05	3.12e-04	1.42e-04
573	8	-0.01	1.47e-03	-4.12e-03	2.00e-05	3.04e-04	1.41e-04
573	31	-0.01	1.06e-03	-3.04e-03	1.48e-05	2.26e-04	1.04e-04
573	32	-0.01	1.03e-03	-3.06e-03	1.45e-05	2.21e-04	1.03e-04
573	37	-8.91e-03	7.30e-04	-2.72e-03	1.20e-05	1.82e-04	8.64e-05
574	7	-0.01	1.56e-03	-2.81e-03	1.46e-05	2.25e-04	8.41e-05
574	8	-0.01	1.51e-03	-2.85e-03	1.40e-05	2.17e-04	8.31e-05
574	31	-8.04e-03	1.09e-03	-2.10e-03	1.05e-05	1.62e-04	6.13e-05
574	32	-7.82e-03	1.06e-03	-2.13e-03	1.01e-05	1.57e-04	6.06e-05
574	37	-6.43e-03	7.69e-04	-1.92e-03	8.21e-06	1.28e-04	5.06e-05
575	7	-9.39e-03	1.53e-03	-2.09e-03	1.27e-05	1.82e-04	4.07e-05
575	8	-9.05e-03	1.48e-03	-2.13e-03	1.21e-05	1.73e-04	3.97e-05
575	31	-6.76e-03	1.07e-03	-1.58e-03	9.10e-06	1.30e-04	2.95e-05
575	32	-6.53e-03	1.04e-03	-1.60e-03	8.70e-06	1.25e-04	2.88e-05
575	37	-5.34e-03	7.53e-04	-1.47e-03	7.04e-06	1.01e-04	2.37e-05
576	7	-9.74e-03	1.58e-03	-1.75e-03	1.28e-05	1.85e-04	2.03e-06
576	8	-9.38e-03	1.52e-03	-1.79e-03	1.22e-05	1.76e-04	0.0
576	31	-7.01e-03	1.11e-03	-1.33e-03	9.17e-06	1.32e-04	1.05e-06
576	32	-6.77e-03	1.07e-03	-1.35e-03	8.73e-06	1.26e-04	0.0
576	37	-5.54e-03	7.86e-04	-1.27e-03	7.03e-06	1.02e-04	0.0
577	7	-0.01	1.83e-03	-1.70e-03	1.94e-05	2.46e-04	-4.38e-05
577	22	-0.01	1.44e-03	-1.75e-03	1.55e-05	1.94e-04	-4.32e-05
577	31	-9.15e-03	1.30e-03	-1.30e-03	1.40e-05	1.77e-04	-3.26e-05
577	36	-7.62e-03	1.03e-03	-1.33e-03	1.14e-05	1.43e-04	-3.22e-05

577	37	-7.34e-03	9.49e-04	-1.25e-03	1.11e-05	1.39e-04	-2.93e-05
578	7	-0.02	2.42e-03	-2.06e-03	2.59e-05	3.86e-04	-1.19e-04
578	22	-0.02	1.97e-03	-2.12e-03	2.07e-05	3.20e-04	-1.12e-04
578	31	-0.01	1.73e-03	-1.57e-03	1.87e-05	2.79e-04	-8.76e-05
578	36	-0.01	1.43e-03	-1.60e-03	1.52e-05	2.36e-04	-8.30e-05
578	37	-0.01	1.32e-03	-1.51e-03	1.48e-05	2.26e-04	-7.65e-05
579	7	-0.03	3.58e-03	-1.21e-03	4.41e-05	5.36e-04	-2.05e-04
579	21	-0.03	2.69e-03	-1.40e-03	3.43e-05	4.11e-04	-1.74e-04
579	31	-0.02	2.58e-03	-9.46e-04	3.21e-05	3.90e-04	-1.51e-04
579	35	-0.02	1.99e-03	-1.08e-03	2.56e-05	3.07e-04	-1.30e-04
579	37	-0.02	2.05e-03	-1.00e-03	2.66e-05	3.21e-04	-1.30e-04
580	7	2.07e-03	1.63e-03	-6.43e-03	4.50e-05	7.34e-04	1.70e-04
580	8	1.99e-03	1.64e-03	-6.49e-03	4.29e-05	7.22e-04	1.68e-04
580	31	1.50e-03	1.18e-03	-4.77e-03	3.17e-05	5.34e-04	1.24e-04
580	32	1.44e-03	1.18e-03	-4.80e-03	3.03e-05	5.26e-04	1.23e-04
580	37	1.19e-03	9.34e-04	-4.21e-03	2.28e-05	4.38e-04	1.03e-04
581	7	1.30e-04	1.58e-03	-3.98e-03	4.65e-05	4.61e-04	9.70e-05
581	8	6.43e-05	1.58e-03	-4.02e-03	4.57e-05	4.49e-04	9.53e-05
581	23	-1.39e-04	7.79e-04	-2.65e-03	2.44e-05	2.32e-04	5.14e-05
581	31	7.69e-05	1.13e-03	-2.96e-03	3.38e-05	3.34e-04	7.05e-05
581	32	3.34e-05	1.12e-03	-2.98e-03	3.32e-05	3.26e-04	6.93e-05
581	35	-8.02e-05	8.46e-04	-2.69e-03	2.64e-05	2.54e-04	5.54e-05
581	37	6.80e-06	8.57e-04	-2.64e-03	2.75e-05	2.70e-04	5.77e-05
582	7	-8.87e-04	1.66e-03	-2.78e-03	2.95e-05	3.11e-04	6.10e-05
582	8	-9.40e-04	1.63e-03	-2.82e-03	2.89e-05	2.99e-04	5.91e-05
582	22	-9.50e-04	1.36e-03	-2.71e-03	2.49e-05	2.47e-04	4.98e-05
582	31	-6.65e-04	1.18e-03	-2.08e-03	2.14e-05	2.24e-04	4.40e-05
582	32	-7.01e-04	1.16e-03	-2.11e-03	2.10e-05	2.16e-04	4.28e-05
582	36	-7.07e-04	9.77e-04	-2.03e-03	1.83e-05	1.81e-04	3.66e-05
582	37	-6.13e-04	8.72e-04	-1.90e-03	1.75e-05	1.76e-04	3.51e-05
583	7	-1.71e-03	1.52e-03	-2.10e-03	1.77e-05	2.34e-04	3.63e-05
583	8	-1.76e-03	1.49e-03	-2.14e-03	1.70e-05	2.21e-04	3.42e-05
583	31	-1.27e-03	1.07e-03	-1.58e-03	1.27e-05	1.67e-04	2.58e-05
583	32	-1.30e-03	1.05e-03	-1.61e-03	1.23e-05	1.58e-04	2.45e-05
583	37	-1.12e-03	7.76e-04	-1.48e-03	1.01e-05	1.26e-04	1.94e-05
584	7	-2.50e-03	1.37e-03	-1.77e-03	9.22e-06	2.20e-04	1.88e-05
584	8	-2.55e-03	1.34e-03	-1.81e-03	8.55e-06	2.06e-04	1.66e-05
584	31	-1.85e-03	9.61e-04	-1.34e-03	6.54e-06	1.56e-04	1.29e-05
584	32	-1.88e-03	9.43e-04	-1.37e-03	6.10e-06	1.47e-04	1.15e-05
584	37	-1.62e-03	6.82e-04	-1.28e-03	4.87e-06	1.16e-04	8.28e-06
585	7	-3.43e-03	1.35e-03	-1.72e-03	0.0	2.81e-04	4.93e-06
585	8	-3.47e-03	1.33e-03	-1.77e-03	0.0	2.66e-04	2.55e-06
585	22	-3.24e-03	1.07e-03	-1.78e-03	-1.94e-06	2.10e-04	-2.63e-06
585	31	-2.53e-03	9.52e-04	-1.31e-03	0.0	2.01e-04	2.70e-06
585	32	-2.56e-03	9.35e-04	-1.34e-03	0.0	1.90e-04	1.12e-06
585	36	-2.40e-03	7.63e-04	-1.35e-03	-1.49e-06	1.53e-04	-2.33e-06
585	37	-2.20e-03	6.75e-04	-1.27e-03	0.0	1.53e-04	0.0
586	7	-4.57e-03	1.70e-03	-1.89e-03	-3.21e-05	4.96e-04	-1.11e-05
586	8	-4.60e-03	1.68e-03	-1.95e-03	-3.26e-05	4.78e-04	-1.38e-05
586	22	-4.26e-03	1.39e-03	-1.97e-03	-3.03e-05	4.00e-04	-1.81e-05
586	31	-3.37e-03	1.21e-03	-1.44e-03	-2.37e-05	3.58e-04	-9.20e-06
586	32	-3.39e-03	1.19e-03	-1.48e-03	-2.40e-05	3.46e-04	-1.10e-05
586	36	-3.16e-03	1.00e-03	-1.50e-03	-2.25e-05	2.93e-04	-1.38e-05
586	37	-2.91e-03	8.97e-04	-1.41e-03	-2.05e-05	2.85e-04	-1.11e-05
587	7	3.79e-04	5.17e-03	-5.78e-03	-3.99e-06	-2.62e-05	2.48e-05
587	8	-4.42e-04	5.02e-03	-5.90e-03	-4.77e-06	-1.58e-05	2.21e-05
587	23	-2.81e-03	2.54e-03	-4.19e-03	-5.39e-06	-2.28e-05	5.32e-06
587	31	-1.65e-05	3.74e-03	-4.35e-03	-3.23e-06	1.55e-05	1.73e-05
587	32	-5.64e-04	3.64e-03	-4.42e-03	-3.75e-06	-8.57e-06	1.55e-05
587	35	-2.05e-03	2.80e-03	-4.19e-03	-4.76e-06	1.27e-05	8.30e-06
587	37	-9.60e-04	3.01e-03	-4.03e-03	-3.72e-06	-1.17e-06	1.18e-05
588	7	2.25e-04	2.01e-03	-3.65e-03	7.43e-06	-3.29e-05	9.24e-06
588	8	-4.45e-04	1.83e-03	-3.74e-03	3.91e-06	-2.30e-05	8.52e-06
588	23	-2.34e-03	4.60e-04	-2.74e-03	-8.61e-06	1.68e-05	3.05e-06
588	31	-7.24e-05	1.39e-03	-2.75e-03	4.18e-06	-2.06e-05	6.55e-06
588	32	-5.19e-04	1.27e-03	-2.81e-03	1.84e-06	-1.40e-05	6.08e-06
588	35	-1.72e-03	6.85e-04	-2.72e-03	-5.21e-06	6.97e-06	3.91e-06
588	37	-8.26e-04	9.27e-04	-2.60e-03	0.0	-6.18e-06	4.86e-06
589	8	-7.56e-04	-1.34e-03	-3.79e-03	7.54e-05	-4.64e-06	8.10e-06
589	21	-8.14e-04	-1.47e-03	-3.65e-03	5.60e-05	5.11e-05	1.22e-05
589	22	-8.22e-04	-1.45e-03	-3.76e-03	6.32e-05	3.50e-05	1.12e-05
589	32	-5.69e-04	-1.04e-03	-2.86e-03	5.48e-05	2.36e-06	6.54e-06
589	35	-6.08e-04	-1.13e-03	-2.76e-03	4.19e-05	3.95e-05	9.29e-06
589	36	-6.13e-04	-1.11e-03	-2.83e-03	4.67e-05	2.88e-05	8.62e-06
589	37	-5.04e-04	-1.04e-03	-2.64e-03	4.61e-05	1.38e-05	6.82e-06
590	7	1.73e-03	2.53e-03	-3.49e-03	1.98e-06	-7.16e-06	1.34e-05
590	8	6.93e-04	2.25e-03	-3.57e-03	1.34e-06	-4.85e-06	1.06e-05

590	23	-2.79e-03	4.32e-04	-2.62e-03	-1.18e-06	4.26e-06	-2.07e-06
590	31	9.01e-04	1.74e-03	-2.64e-03	1.22e-06	-4.42e-06	8.87e-06
590	32	2.09e-04	1.56e-03	-2.69e-03	0.0	-2.88e-06	7.02e-06
590	35	-1.80e-03	7.56e-04	-2.60e-03	0.0	1.98e-06	0.0
590	37	-4.20e-04	1.13e-03	-2.49e-03	0.0	-1.10e-06	4.46e-06
591	7	1.14e-03	2.46e-03	-3.52e-03	1.85e-06	-1.41e-05	8.15e-06
591	8	2.14e-04	2.21e-03	-3.60e-03	0.0	-1.12e-05	6.45e-06
591	23	-2.74e-03	5.10e-04	-2.63e-03	-2.57e-06	2.18e-06	-1.23e-06
591	31	5.05e-04	1.70e-03	-2.65e-03	0.0	-9.32e-06	5.40e-06
591	32	-1.12e-04	1.54e-03	-2.71e-03	0.0	-7.40e-06	4.27e-06
591	35	-1.86e-03	8.02e-04	-2.61e-03	-1.62e-06	0.0	0.0
591	37	-6.32e-04	1.13e-03	-2.50e-03	0.0	-4.63e-06	2.75e-06
592	7	1.92e-03	1.72e-03	-2.48e-03	-1.35e-06	4.86e-06	8.20e-06
592	22	-1.21e-03	7.08e-04	-2.55e-03	0.0	-3.30e-06	0.0
592	23	-2.58e-03	-6.90e-05	-1.92e-03	1.90e-06	-6.87e-06	-4.12e-06
592	31	1.05e-03	1.15e-03	-1.88e-03	0.0	2.62e-06	5.16e-06
592	35	-1.61e-03	2.40e-04	-1.89e-03	1.20e-06	-4.34e-06	-1.68e-06
592	36	-1.04e-03	4.75e-04	-1.93e-03	0.0	-2.83e-06	0.0
592	37	-2.63e-04	6.18e-04	-1.81e-03	0.0	0.0	1.63e-06
593	7	1.57e-03	1.83e-03	-2.75e-03	-1.42e-06	0.0	4.78e-06
593	8	6.44e-04	1.58e-03	-2.82e-03	0.0	-1.90e-06	2.97e-06
593	23	-2.50e-03	9.94e-05	-2.08e-03	1.34e-06	-7.16e-06	-3.67e-06
593	31	8.23e-04	1.24e-03	-2.08e-03	0.0	0.0	2.89e-06
593	32	2.03e-04	1.07e-03	-2.13e-03	0.0	-1.97e-06	1.68e-06
593	35	-1.61e-03	3.86e-04	-2.06e-03	0.0	-5.39e-06	-1.93e-06
593	37	-3.68e-04	7.29e-04	-1.97e-03	0.0	-2.83e-06	0.0
594	7	1.66e-03	1.13e-03	-1.80e-03	-3.35e-06	1.21e-05	4.55e-06
594	22	-9.20e-04	3.11e-04	-1.87e-03	1.45e-06	-5.25e-06	-1.25e-06
594	23	-2.08e-03	-2.46e-04	-1.42e-03	3.69e-06	-1.33e-05	-4.05e-06
594	31	9.21e-04	7.36e-04	-1.37e-03	-1.90e-06	6.88e-06	2.69e-06
594	35	-1.28e-03	5.10e-06	-1.40e-03	2.20e-06	-7.96e-06	-2.26e-06
594	36	-7.98e-04	1.88e-04	-1.42e-03	1.30e-06	-4.69e-06	-1.17e-06
594	37	-1.66e-04	3.21e-04	-1.33e-03	0.0	0.0	0.0
595	7	1.49e-03	1.26e-03	-2.08e-03	-3.38e-06	9.17e-06	2.36e-06
595	8	7.10e-04	1.04e-03	-2.13e-03	-1.85e-06	4.32e-06	0.0
595	23	-1.98e-03	-1.00e-04	-1.59e-03	3.64e-06	-1.25e-05	-4.08e-06
595	31	8.15e-04	8.34e-04	-1.58e-03	-1.93e-06	4.98e-06	1.21e-06
595	32	2.96e-04	6.88e-04	-1.61e-03	0.0	1.74e-06	0.0
595	35	-1.24e-03	1.36e-04	-1.57e-03	2.16e-06	-7.86e-06	-2.66e-06
595	37	-1.99e-04	4.28e-04	-1.50e-03	0.0	-1.39e-06	0.0
596	7	1.17e-03	6.29e-04	-1.27e-03	-4.12e-06	1.49e-05	1.98e-06
596	22	-6.04e-04	6.56e-05	-1.33e-03	1.67e-06	-6.04e-06	-1.38e-06
596	23	-1.40e-03	-2.76e-04	-1.03e-03	4.39e-06	-1.59e-05	-2.81e-06
596	31	6.54e-04	3.94e-04	-9.71e-04	-2.36e-06	8.51e-06	1.08e-06
596	35	-8.56e-04	-1.04e-04	-1.00e-03	2.60e-06	-9.38e-06	-1.77e-06
596	36	-5.27e-04	1.80e-05	-1.01e-03	1.50e-06	-5.43e-06	-1.16e-06
596	37	-9.38e-05	1.17e-04	-9.54e-04	0.0	0.0	0.0
597	7	1.10e-03	7.45e-04	-1.50e-03	-4.10e-06	1.34e-05	0.0
597	8	5.54e-04	5.91e-04	-1.54e-03	-2.18e-06	7.32e-06	0.0
597	23	-1.34e-03	-1.60e-04	-1.16e-03	4.64e-06	-1.45e-05	-3.22e-06
597	31	6.12e-04	4.84e-04	-1.14e-03	-2.32e-06	7.64e-06	0.0
597	32	2.50e-04	3.81e-04	-1.17e-03	-1.04e-06	3.59e-06	0.0
597	35	-8.24e-04	4.07e-06	-1.14e-03	2.79e-06	-8.63e-06	-2.24e-06
597	37	-9.99e-05	2.10e-04	-1.09e-03	0.0	0.0	0.0
598	7	6.26e-04	2.30e-04	-8.27e-04	-3.73e-06	1.35e-05	0.0
598	22	-3.01e-04	-7.00e-05	-8.76e-04	1.57e-06	-5.67e-06	0.0
598	23	-7.23e-04	-2.26e-04	-6.82e-04	4.05e-06	-1.46e-05	-1.11e-06
598	35	-4.36e-04	-1.34e-04	-6.65e-04	2.41e-06	-8.69e-06	0.0
598	36	-2.64e-04	-7.00e-05	-6.67e-04	1.41e-06	-5.08e-06	0.0
598	37	-3.68e-05	-1.40e-05	-6.31e-04	0.0	0.0	0.0
599	7	6.01e-04	3.36e-04	-9.84e-04	-3.71e-06	1.29e-05	0.0
599	22	-2.98e-04	4.62e-05	-1.01e-03	1.85e-06	-4.89e-06	-1.29e-06
599	23	-7.07e-04	-1.35e-04	-7.63e-04	4.38e-06	-1.33e-05	-1.83e-06
599	31	3.38e-04	2.11e-04	-7.48e-04	-2.08e-06	7.42e-06	0.0
599	35	-4.29e-04	-4.62e-05	-7.53e-04	2.66e-06	-7.82e-06	-1.31e-06
599	36	-2.61e-04	1.79e-05	-7.65e-04	1.62e-06	-4.44e-06	-1.03e-06
599	37	-4.23e-05	6.60e-05	-7.20e-04	0.0	0.0	0.0
600	7	1.94e-04	-1.48e-05	-4.29e-04	-2.32e-06	8.30e-06	0.0
600	21	-1.41e-04	-1.35e-04	-4.59e-04	1.99e-06	-7.27e-06	0.0
600	31	1.13e-04	-2.53e-05	-3.31e-04	-1.31e-06	4.69e-06	0.0
600	35	-1.10e-04	-1.05e-04	-3.50e-04	1.56e-06	-5.69e-06	0.0
600	37	3.05e-06	-6.77e-05	-3.32e-04	0.0	0.0	0.0
601	7	1.82e-04	7.63e-05	-4.87e-04	-2.30e-06	8.23e-06	0.0
601	22	-8.59e-05	-1.44e-05	-5.01e-04	1.24e-06	-3.30e-06	0.0
601	23	-2.08e-04	-6.44e-05	-3.79e-04	2.84e-06	-8.73e-06	0.0
601	31	1.03e-04	4.38e-05	-3.70e-04	-1.28e-06	4.71e-06	0.0
601	35	-1.25e-04	-3.67e-05	-3.74e-04	1.74e-06	-5.16e-06	0.0

601	36	-7.54e-05	-1.66e-05	-3.80e-04	1.08e-06	-2.97e-06	0.0
601	37	-9.60e-06	-1.67e-06	-3.58e-04	0.0	0.0	0.0
602	1	0.0	0.0	0.0	0.0	0.0	0.0
602	25	0.0	0.0	0.0	0.0	0.0	0.0
602	37	0.0	0.0	0.0	0.0	0.0	0.0
603	7	1.16e-04	8.32e-04	-2.25e-03	9.47e-06	-3.40e-05	0.0
603	22	-1.59e-03	1.66e-04	-2.34e-03	1.00e-06	-3.72e-06	0.0
603	23	-2.07e-03	-2.81e-04	-1.77e-03	-3.95e-06	1.40e-05	0.0
603	31	-1.21e-04	5.23e-04	-1.71e-03	6.01e-06	-2.16e-05	0.0
603	35	-1.54e-03	-7.88e-05	-1.74e-03	-1.35e-06	4.71e-06	0.0
603	36	-1.26e-03	7.92e-05	-1.77e-03	0.0	-1.43e-06	0.0
603	37	-7.64e-04	1.64e-04	-1.65e-03	2.12e-06	-7.68e-06	0.0
604	8	-1.35e-03	-8.96e-04	-2.32e-03	2.50e-05	-2.96e-05	2.25e-06
604	21	-1.23e-03	-1.08e-03	-2.30e-03	1.11e-05	2.14e-05	7.46e-06
604	22	-1.30e-03	-1.03e-03	-2.34e-03	1.56e-05	6.18e-06	6.01e-06
604	32	-1.00e-03	-7.09e-04	-1.76e-03	1.74e-05	-1.69e-05	2.24e-06
604	35	-9.18e-04	-8.33e-04	-1.74e-03	8.16e-06	1.71e-05	5.72e-06
604	36	-9.67e-04	-7.98e-04	-1.77e-03	1.12e-05	6.91e-06	4.75e-06
604	37	-8.61e-04	-7.47e-04	-1.65e-03	1.31e-05	-4.85e-06	3.15e-06
605	7	1.07e-03	1.67e-03	-2.39e-03	5.06e-06	-1.37e-05	-1.37e-06
605	8	2.32e-04	1.44e-03	-2.46e-03	4.19e-06	-1.51e-05	-2.49e-06
605	23	-2.46e-03	5.55e-05	-1.84e-03	0.0	0.0	-4.78e-06
605	31	4.86e-04	1.13e-03	-1.81e-03	3.40e-06	-1.23e-05	-1.37e-06
605	32	-7.33e-05	9.70e-04	-1.86e-03	2.82e-06	-1.02e-05	-2.11e-06
605	35	-1.67e-03	3.23e-04	-1.82e-03	0.0	-2.63e-06	-3.81e-06
605	37	-5.51e-04	6.39e-04	-1.73e-03	1.89e-06	-6.83e-06	-2.32e-06
606	7	1.55e-03	1.65e-03	-2.28e-03	0.0	-3.19e-06	-2.62e-06
606	8	6.81e-04	1.41e-03	-2.34e-03	1.28e-06	-4.63e-06	-4.05e-06
606	23	-2.28e-03	4.22e-05	-1.74e-03	2.03e-06	-7.32e-06	-6.67e-06
606	31	8.25e-04	1.11e-03	-1.73e-03	0.0	-2.87e-06	-2.39e-06
606	32	2.48e-04	9.52e-04	-1.77e-03	1.06e-06	-3.83e-06	-3.35e-06
606	35	-1.45e-03	3.11e-04	-1.72e-03	1.68e-06	-6.07e-06	-5.46e-06
606	37	-2.96e-04	6.33e-04	-1.64e-03	1.15e-06	-4.14e-06	-3.56e-06
607	7	1.53e-03	1.26e-03	-1.93e-03	-2.14e-06	7.73e-06	-3.04e-06
607	8	7.91e-04	1.06e-03	-1.98e-03	0.0	3.38e-06	-4.34e-06
607	23	-1.80e-03	-4.75e-05	-1.47e-03	3.20e-06	-1.16e-05	-6.47e-06
607	31	8.56e-04	8.42e-04	-1.46e-03	-1.13e-06	4.10e-06	-2.67e-06
607	32	3.67e-04	7.05e-04	-1.49e-03	0.0	1.19e-06	-3.53e-06
607	35	-1.10e-03	1.77e-04	-1.45e-03	2.05e-06	-7.39e-06	-5.39e-06
607	37	-1.17e-04	4.51e-04	-1.39e-03	0.0	-1.59e-06	-3.66e-06
608	7	1.15e-03	8.07e-04	-1.49e-03	-3.69e-06	1.33e-05	-2.40e-06
608	8	6.30e-04	6.61e-04	-1.53e-03	-2.13e-06	7.69e-06	-3.36e-06
608	23	-1.22e-03	-8.58e-05	-1.13e-03	3.59e-06	-1.30e-05	-4.87e-06
608	31	6.56e-04	5.33e-04	-1.13e-03	-2.14e-06	7.74e-06	-2.08e-06
608	32	3.13e-04	4.36e-04	-1.15e-03	-1.10e-06	3.98e-06	-2.72e-06
608	35	-7.21e-04	7.09e-05	-1.12e-03	2.07e-06	-7.48e-06	-4.08e-06
608	37	-3.43e-05	2.64e-04	-1.07e-03	0.0	0.0	-2.80e-06
609	7	6.22e-04	4.06e-04	-1.01e-03	-3.72e-06	1.34e-05	-1.25e-06
609	8	3.46e-04	3.28e-04	-1.04e-03	-2.24e-06	8.09e-06	-1.80e-06
609	23	-6.46e-04	-6.76e-05	-7.67e-04	3.26e-06	-1.18e-05	-2.72e-06
609	31	3.58e-04	2.66e-04	-7.67e-04	-2.19e-06	7.92e-06	-1.10e-06
609	32	1.74e-04	2.13e-04	-7.82e-04	-1.21e-06	4.37e-06	-1.47e-06
609	35	-3.79e-04	1.69e-05	-7.60e-04	1.82e-06	-6.57e-06	-2.26e-06
609	37	-1.15e-05	1.21e-04	-7.29e-04	0.0	0.0	-1.53e-06
610	7	1.77e-04	1.27e-04	-5.14e-04	-2.38e-06	8.59e-06	0.0
610	8	9.47e-05	1.04e-04	-5.26e-04	-1.42e-06	5.13e-06	0.0
610	23	-1.96e-04	-2.10e-05	-3.90e-04	2.14e-06	-7.72e-06	0.0
610	31	1.01e-04	8.28e-05	-3.90e-04	-1.40e-06	5.06e-06	0.0
610	32	4.60e-05	6.71e-05	-3.97e-04	0.0	2.74e-06	0.0
610	35	-1.17e-04	5.09e-06	-3.86e-04	1.20e-06	-4.34e-06	0.0
610	37	-7.57e-06	3.66e-05	-3.71e-04	0.0	0.0	0.0
611	1	0.0	0.0	0.0	0.0	0.0	0.0
611	25	0.0	0.0	0.0	0.0	0.0	0.0
611	37	0.0	0.0	0.0	0.0	0.0	0.0
612	7	1.19e-04	5.16e-04	-1.76e-03	1.62e-05	-3.92e-05	-8.42e-06
612	22	-1.42e-03	-1.15e-04	-1.84e-03	7.36e-06	-1.05e-05	-6.29e-06
612	23	-1.87e-03	-4.66e-04	-1.40e-03	0.0	8.32e-06	-3.25e-06
612	31	-9.97e-05	2.90e-04	-1.34e-03	1.10e-05	-2.56e-05	-5.97e-06
612	35	-1.39e-03	-2.74e-04	-1.37e-03	3.07e-06	0.0	-3.87e-06
612	36	-1.13e-03	-1.30e-04	-1.39e-03	5.08e-06	-6.53e-06	-4.55e-06
612	37	-6.87e-04	-3.66e-05	-1.30e-03	6.41e-06	-1.19e-05	-4.42e-06
613	8	-1.87e-03	-5.09e-04	-1.87e-03	1.56e-05	-3.83e-05	-1.67e-06
613	21	-1.61e-03	-7.39e-04	-1.87e-03	2.88e-06	1.02e-05	4.45e-06
613	22	-1.73e-03	-6.65e-04	-1.90e-03	6.86e-06	-4.59e-06	2.64e-06
613	32	-1.37e-03	-4.22e-04	-1.42e-03	1.04e-05	-2.37e-05	0.0
613	35	-1.20e-03	-5.75e-04	-1.42e-03	1.94e-06	8.59e-06	3.48e-06
613	36	-1.28e-03	-5.26e-04	-1.44e-03	4.59e-06	-1.26e-06	2.27e-06

613	37	-1.17e-03	-4.95e-04	-1.34e-03	6.86e-06	-1.14e-05	0.0
614	7	1.40e-03	1.19e-03	-1.83e-03	7.54e-06	-2.23e-05	-1.25e-05
614	22	-9.94e-04	3.58e-04	-1.89e-03	5.35e-06	-1.08e-05	-1.31e-05
614	23	-2.03e-03	-2.29e-04	-1.43e-03	2.62e-06	-1.45e-06	-9.69e-06
614	31	7.50e-04	7.72e-04	-1.39e-03	5.35e-06	-1.52e-05	-9.32e-06
614	35	-1.29e-03	2.32e-05	-1.41e-03	3.27e-06	-4.93e-06	-9.42e-06
614	36	-8.47e-04	2.17e-04	-1.43e-03	3.89e-06	-7.56e-06	-9.78e-06
614	37	-2.58e-04	3.32e-04	-1.34e-03	3.96e-06	-9.23e-06	-8.52e-06
615	7	1.98e-03	1.37e-03	-1.84e-03	1.14e-06	-5.19e-06	-1.34e-05
615	8	1.17e-03	1.14e-03	-1.89e-03	1.53e-06	-6.31e-06	-1.45e-05
615	31	1.16e-03	9.07e-04	-1.40e-03	0.0	-4.22e-06	-1.02e-05
615	32	6.19e-04	7.52e-04	-1.43e-03	1.24e-06	-4.97e-06	-1.09e-05
615	37	4.61e-05	4.60e-04	-1.33e-03	1.31e-06	-4.93e-06	-9.77e-06
616	7	1.93e-03	1.17e-03	-1.69e-03	-3.71e-06	8.00e-06	-1.17e-05
616	8	1.24e-03	9.73e-04	-1.73e-03	-2.71e-06	4.04e-06	-1.28e-05
616	31	1.17e-03	7.77e-04	-1.28e-03	-2.35e-06	4.42e-06	-8.93e-06
616	32	7.03e-04	6.46e-04	-1.30e-03	-1.68e-06	1.79e-06	-9.66e-06
616	37	1.86e-04	4.02e-04	-1.21e-03	0.0	0.0	-8.71e-06
617	7	1.44e-03	8.02e-04	-1.39e-03	-6.27e-06	1.51e-05	-8.22e-06
617	8	9.50e-04	6.63e-04	-1.42e-03	-4.99e-06	9.86e-06	-9.06e-06
617	31	8.80e-04	5.31e-04	-1.05e-03	-4.13e-06	9.18e-06	-6.30e-06
617	32	5.53e-04	4.39e-04	-1.07e-03	-3.27e-06	5.67e-06	-6.85e-06
617	37	1.81e-04	2.69e-04	-9.93e-04	-1.98e-06	1.65e-06	-6.22e-06
618	7	7.75e-04	4.24e-04	-9.83e-04	-6.27e-06	1.56e-05	-9.06e-06
618	8	5.12e-04	3.50e-04	-1.00e-03	-5.06e-06	1.05e-05	-4.77e-06
618	31	4.74e-04	2.80e-04	-7.43e-04	-4.15e-06	9.58e-06	-3.31e-06
618	32	2.99e-04	2.31e-04	-7.57e-04	-3.35e-06	6.24e-06	-3.63e-06
618	37	9.98e-05	1.39e-04	-7.03e-04	-2.10e-06	2.28e-06	-3.31e-06
619	7	2.16e-04	1.40e-04	-5.16e-04	-3.90e-06	9.93e-06	-1.25e-06
619	8	1.38e-04	1.18e-04	-5.27e-04	-3.14e-06	6.67e-06	-1.41e-06
619	31	1.31e-04	9.26e-05	-3.90e-04	-2.58e-06	6.10e-06	0.0
619	32	7.85e-05	7.80e-05	-3.97e-04	-2.07e-06	3.92e-06	-1.08e-06
619	37	2.17e-05	4.72e-05	-3.69e-04	-1.28e-06	1.38e-06	0.0
620	1	0.0	0.0	0.0	0.0	0.0	0.0
620	25	0.0	0.0	0.0	0.0	0.0	0.0
620	37	0.0	0.0	0.0	0.0	0.0	0.0
621	7	4.14e-04	5.64e-04	-1.69e-03	9.33e-06	-5.39e-05	-2.02e-05
621	22	-1.06e-03	-6.16e-05	-1.74e-03	0.0	-2.58e-05	-1.63e-05
621	23	-1.57e-03	-4.26e-04	-1.32e-03	-4.81e-06	-2.89e-06	-9.43e-06
621	31	1.27e-04	3.26e-04	-1.28e-03	5.84e-06	-3.67e-05	-1.45e-05
621	35	-1.12e-03	-2.37e-04	-1.30e-03	-2.02e-06	-1.15e-05	-1.06e-05
621	36	-8.56e-04	-9.10e-05	-1.32e-03	0.0	-1.79e-05	-1.19e-05
621	37	-4.63e-04	-4.89e-06	-1.24e-03	1.74e-06	-2.20e-05	-1.14e-05
622	8	-2.34e-03	-1.72e-04	-1.80e-03	1.70e-05	-5.33e-05	-7.29e-06
622	21	-1.97e-03	-4.39e-04	-1.78e-03	4.11e-06	-4.49e-06	0.0
622	22	-2.14e-03	-3.47e-04	-1.81e-03	8.23e-06	-1.98e-05	-2.39e-06
622	32	-1.72e-03	-1.73e-04	-1.36e-03	1.15e-05	-3.49e-05	-4.71e-06
622	35	-1.47e-03	-3.50e-04	-1.35e-03	2.83e-06	-2.38e-06	0.0
622	36	-1.58e-03	-2.89e-04	-1.37e-03	5.58e-06	-1.26e-05	-1.44e-06
622	37	-1.46e-03	-2.75e-04	-1.28e-03	7.64e-06	-2.12e-05	-2.67e-06
623	7	2.22e-03	1.08e-03	-1.70e-03	6.13e-06	-2.96e-05	-2.73e-05
623	8	1.49e-03	8.49e-04	-1.74e-03	4.96e-06	-2.67e-05	-2.77e-05
623	31	1.37e-03	6.87e-04	-1.29e-03	4.08e-06	-2.07e-05	-2.01e-05
623	32	8.78e-04	5.36e-04	-1.32e-03	3.30e-06	-1.87e-05	-2.03e-05
623	37	3.07e-04	2.57e-04	-1.23e-03	2.12e-06	-1.42e-05	-1.72e-05
624	7	2.98e-03	1.26e-03	-1.70e-03	2.73e-06	-5.58e-06	-2.80e-05
624	8	2.21e-03	1.04e-03	-1.73e-03	2.89e-06	-6.57e-06	-2.89e-05
624	31	1.91e-03	8.30e-04	-1.28e-03	2.06e-06	-4.48e-06	-2.08e-05
624	32	1.39e-03	6.78e-04	-1.31e-03	2.16e-06	-5.14e-06	-2.13e-05
624	37	7.20e-04	3.91e-04	-1.22e-03	1.94e-06	-5.03e-06	-1.84e-05
625	7	2.84e-03	1.13e-03	-1.58e-03	0.0	1.27e-05	-2.37e-05
625	8	2.17e-03	9.40e-04	-1.62e-03	0.0	9.14e-06	-2.46e-05
625	31	1.84e-03	7.50e-04	-1.20e-03	0.0	8.01e-06	-1.76e-05
625	32	1.40e-03	6.22e-04	-1.22e-03	0.0	5.61e-06	-1.82e-05
625	37	7.88e-04	3.78e-04	-1.13e-03	1.38e-06	2.51e-06	-1.58e-05
626	7	2.09e-03	8.02e-04	-1.34e-03	-2.10e-06	2.25e-05	-1.64e-05
626	8	1.62e-03	6.67e-04	-1.36e-03	0.0	1.77e-05	-1.71e-05
626	31	1.36e-03	5.32e-04	-1.01e-03	-1.00e-06	1.47e-05	-1.22e-05
626	32	1.05e-03	4.42e-04	-1.03e-03	0.0	1.15e-05	-1.27e-05
626	37	6.10e-04	2.71e-04	-9.50e-04	0.0	6.79e-06	-1.11e-05
627	7	1.12e-03	4.23e-04	-9.73e-04	-2.52e-06	8.63e-05	-8.63e-06
627	8	8.70e-04	3.51e-04	-9.91e-04	-1.08e-06	1.82e-05	-9.04e-06
627	31	7.32e-04	2.80e-04	-7.34e-04	-1.33e-06	1.50e-05	-6.46e-06
627	32	5.64e-04	2.32e-04	-7.46e-04	0.0	1.20e-05	-6.73e-06
627	37	3.28e-04	1.39e-04	-6.89e-04	0.0	7.30e-06	-5.89e-06
628	7	3.18e-04	1.26e-04	-5.22e-04	-1.69e-06	1.45e-05	-2.59e-06
628	8	2.43e-04	1.05e-04	-5.32e-04	0.0	1.15e-05	-2.73e-06

628	31	2.06e-04	8.29e-05	-3.94e-04	0.0	9.52e-06	-1.94e-06
628	32	1.56e-04	6.87e-05	-4.00e-04	0.0	7.51e-06	-2.03e-06
628	37	8.89e-05	3.93e-05	-3.69e-04	0.0	4.54e-06	-1.79e-06
629	1	0.0	0.0	0.0	0.0	0.0	0.0
629	25	0.0	0.0	0.0	0.0	0.0	0.0
629	37	0.0	0.0	0.0	0.0	0.0	0.0
630	7	1.21e-03	8.27e-04	-1.90e-03	3.24e-05	-6.85e-05	-3.68e-05
630	8	7.46e-04	6.58e-04	-1.94e-03	3.02e-05	-6.09e-05	-3.61e-05
630	31	7.17e-04	5.20e-04	-1.43e-03	2.29e-05	-4.75e-05	-2.67e-05
630	32	4.07e-04	4.07e-04	-1.46e-03	2.14e-05	-4.24e-05	-2.62e-05
630	37	5.70e-05	1.63e-04	-1.35e-03	1.68e-05	-3.14e-05	-2.16e-05
631	7	-2.84e-03	1.92e-04	-1.95e-03	2.86e-05	-9.67e-05	-1.78e-05
631	8	-2.83e-03	1.41e-04	-1.99e-03	2.51e-05	-8.32e-05	-1.58e-05
631	23	-1.68e-03	-2.09e-04	-1.47e-03	3.98e-06	-7.37e-06	-3.04e-06
631	31	-2.08e-03	9.41e-05	-1.47e-03	1.97e-05	-6.60e-05	-1.23e-05
631	32	-2.07e-03	6.00e-05	-1.50e-03	1.73e-05	-5.70e-05	-1.10e-05
631	35	-1.75e-03	-1.38e-04	-1.45e-03	7.90e-06	-2.22e-05	-5.34e-06
631	37	-1.76e-03	-6.96e-05	-1.39e-03	1.26e-05	-4.02e-05	-8.01e-06
632	7	3.77e-03	1.27e-03	-1.89e-03	1.28e-05	-3.71e-05	-4.73e-05
632	8	3.07e-03	1.05e-03	-1.92e-03	1.23e-05	-3.42e-05	-4.75e-05
632	31	2.51e-03	8.31e-04	-1.42e-03	9.23e-06	-2.62e-05	-3.47e-05
632	32	2.04e-03	6.82e-04	-1.45e-03	8.90e-06	-2.42e-05	-3.48e-05
632	37	1.30e-03	3.76e-04	-1.34e-03	7.25e-06	-1.88e-05	-2.93e-05
633	7	4.74e-03	1.42e-03	-1.84e-03	0.0	-5.89e-06	-4.71e-05
633	8	4.00e-03	1.20e-03	-1.87e-03	0.0	-6.71e-06	-4.77e-05
633	31	3.20e-03	9.46e-04	-1.38e-03	0.0	-4.65e-06	-3.46e-05
633	32	2.71e-03	7.96e-04	-1.41e-03	0.0	-5.19e-06	-3.50e-05
633	37	1.84e-03	4.85e-04	-1.29e-03	0.0	-5.00e-06	-2.98e-05
634	7	4.39e-03	1.27e-03	-1.69e-03	-1.04e-05	1.76e-05	-3.90e-05
634	8	3.75e-03	1.08e-03	-1.72e-03	-9.52e-06	1.42e-05	-3.97e-05
634	31	2.99e-03	8.50e-04	-1.27e-03	-7.29e-06	1.16e-05	-2.88e-05
634	32	2.56e-03	7.23e-04	-1.29e-03	-6.68e-06	9.36e-06	-2.92e-05
634	37	1.78e-03	4.58e-04	-1.18e-03	-5.06e-06	5.79e-06	-2.50e-05
635	7	3.20e-03	8.99e-04	-1.42e-03	-1.50e-05	2.99e-05	-2.69e-05
635	8	2.75e-03	7.66e-04	-1.44e-03	-1.38e-05	2.53e-05	-2.74e-05
635	31	2.18e-03	6.02e-04	-1.06e-03	-1.05e-05	2.02e-05	-1.98e-05
635	32	1.88e-03	5.13e-04	-1.08e-03	-9.75e-06	1.71e-05	-2.02e-05
635	37	1.31e-03	3.27e-04	-9.90e-04	-7.49e-06	1.16e-05	-1.73e-05
636	7	1.72e-03	4.60e-04	-1.03e-03	-1.44e-05	3.02e-05	-1.42e-05
636	8	1.47e-03	3.89e-04	-1.04e-03	-1.33e-05	2.57e-05	-1.45e-05
636	31	1.17e-03	3.06e-04	-7.73e-04	-1.02e-05	2.05e-05	-1.05e-05
636	32	1.01e-03	2.59e-04	-7.84e-04	-9.43e-06	1.75e-05	-1.07e-05
636	37	7.06e-04	1.60e-04	-7.19e-04	-7.27e-06	1.21e-05	-9.22e-06
637	7	4.96e-04	1.13e-04	-5.52e-04	-9.12e-06	1.92e-05	-4.32e-06
637	8	4.24e-04	9.23e-05	-5.61e-04	-8.41e-06	1.63e-05	-4.43e-06
637	31	3.38e-04	7.33e-05	-4.15e-04	-6.41e-06	1.30e-05	-3.20e-06
637	32	2.90e-04	5.92e-05	-4.21e-04	-5.94e-06	1.11e-05	-3.27e-06
637	37	2.03e-04	3.03e-05	-3.86e-04	-4.57e-06	7.60e-06	-2.82e-06
638	1	0.0	0.0	0.0	0.0	0.0	0.0
638	25	0.0	0.0	0.0	0.0	0.0	0.0
638	37	0.0	0.0	0.0	0.0	0.0	0.0
639	7	2.70e-03	1.26e-03	-2.39e-03	2.23e-05	-1.03e-04	-5.88e-05
639	8	2.26e-03	1.09e-03	-2.42e-03	2.07e-05	-9.55e-05	-5.81e-05
639	31	1.81e-03	8.37e-04	-1.79e-03	1.58e-05	-7.28e-05	-4.28e-05
639	32	1.52e-03	7.28e-04	-1.82e-03	1.47e-05	-6.77e-05	-4.23e-05
639	37	1.00e-03	4.36e-04	-1.65e-03	1.15e-05	-5.28e-05	-3.52e-05
640	7	-3.40e-03	4.84e-04	-2.39e-03	4.25e-05	-1.47e-04	-3.02e-05
640	8	-3.38e-03	4.41e-04	-2.44e-03	3.91e-05	-1.34e-04	-2.83e-05
640	31	-2.49e-03	3.13e-04	-1.80e-03	2.99e-05	-1.03e-04	-2.14e-05
640	32	-2.48e-03	2.84e-04	-1.83e-03	2.76e-05	-9.40e-05	-2.01e-05
640	37	-2.10e-03	1.31e-04	-1.66e-03	2.12e-05	-7.17e-05	-1.58e-05
641	7	6.30e-03	1.75e-03	-2.37e-03	1.35e-05	-4.89e-05	-7.29e-05
641	8	5.62e-03	1.53e-03	-2.40e-03	1.28e-05	-4.61e-05	-7.29e-05
641	31	4.36e-03	1.18e-03	-1.78e-03	9.64e-06	-3.48e-05	-5.33e-05
641	32	3.91e-03	1.03e-03	-1.80e-03	9.12e-06	-3.29e-05	-5.33e-05
641	37	2.89e-03	6.66e-04	-1.63e-03	7.27e-06	-2.63e-05	-4.49e-05
642	7	7.47e-03	1.89e-03	-2.25e-03	0.0	-2.38e-06	-7.04e-05
642	8	6.75e-03	1.66e-03	-2.28e-03	0.0	-3.14e-06	-7.08e-05
642	31	5.21e-03	1.28e-03	-1.69e-03	0.0	-2.06e-06	-5.17e-05
642	32	4.73e-03	1.13e-03	-1.71e-03	0.0	-2.56e-06	-5.19e-05
642	37	3.55e-03	7.61e-04	-1.55e-03	0.0	-2.74e-06	-4.39e-05
643	7	6.75e-03	1.66e-03	-2.00e-03	-8.46e-06	3.06e-05	-5.73e-05
643	8	6.12e-03	1.47e-03	-2.03e-03	-7.58e-06	2.74e-05	-5.78e-05
643	31	4.71e-03	1.13e-03	-1.50e-03	-5.87e-06	2.12e-05	-4.21e-05
643	32	4.30e-03	1.01e-03	-1.52e-03	-5.28e-06	1.91e-05	-4.24e-05
643	37	3.25e-03	6.92e-04	-1.38e-03	-3.89e-06	1.41e-05	-3.60e-05
644	7	4.86e-03	1.17e-03	-1.63e-03	-1.30e-05	4.71e-05	-3.92e-05

644	8	4.42e-03	1.04e-03	-1.65e-03	-1.18e-05	4.27e-05	-3.97e-05
644	31	3.40e-03	8.01e-04	-1.22e-03	-9.09e-06	3.28e-05	-2.88e-05
644	32	3.10e-03	7.12e-04	-1.24e-03	-8.28e-06	2.99e-05	-2.91e-05
644	37	2.35e-03	4.91e-04	-1.12e-03	-6.24e-06	2.25e-05	-2.48e-05
645	7	2.61e-03	5.93e-04	-1.16e-03	-1.29e-05	4.65e-05	-2.09e-05
645	8	2.37e-03	5.22e-04	-1.18e-03	-1.17e-05	4.22e-05	-2.11e-05
645	31	1.83e-03	4.03e-04	-8.70e-04	-8.99e-06	3.25e-05	-1.53e-05
645	32	1.67e-03	3.55e-04	-8.80e-04	-8.20e-06	2.96e-05	-1.55e-05
645	37	1.26e-03	2.39e-04	-7.99e-04	-6.20e-06	2.24e-05	-1.32e-05
646	7	7.65e-04	1.33e-04	-6.13e-04	-8.24e-06	2.98e-05	-6.42e-06
646	8	6.94e-04	1.11e-04	-6.20e-04	-7.47e-06	2.70e-05	-6.51e-06
646	31	5.34e-04	8.70e-05	-4.59e-04	-5.75e-06	2.08e-05	-4.73e-06
646	32	4.87e-04	7.26e-05	-4.64e-04	-5.24e-06	1.89e-05	-4.78e-06
646	37	3.70e-04	4.07e-05	-4.22e-04	-3.95e-06	1.43e-05	-4.07e-06
647	1	0.0	0.0	0.0	0.0	0.0	0.0
647	25	0.0	0.0	0.0	0.0	0.0	0.0
647	37	0.0	0.0	0.0	0.0	0.0	0.0
648	7	5.11e-03	1.82e-03	-3.24e-03	2.34e-05	-1.48e-04	-8.83e-05
648	8	4.69e-03	1.66e-03	-3.28e-03	2.11e-05	-1.41e-04	-8.75e-05
648	31	3.58e-03	1.25e-03	-2.42e-03	1.63e-05	-1.06e-04	-6.43e-05
648	32	3.30e-03	1.15e-03	-2.44e-03	1.48e-05	-1.01e-04	-6.38e-05
648	37	2.51e-03	7.90e-04	-2.19e-03	1.11e-05	-8.08e-05	-5.34e-05
649	7	-4.08e-03	7.59e-04	-3.18e-03	6.21e-05	-2.23e-04	-4.81e-05
649	8	-4.05e-03	7.29e-04	-3.22e-03	5.88e-05	-2.10e-04	-4.64e-05
649	31	-2.98e-03	5.22e-04	-2.37e-03	4.42e-05	-1.59e-04	-3.46e-05
649	32	-2.96e-03	5.02e-04	-2.40e-03	4.20e-05	-1.50e-04	-3.34e-05
649	37	-2.50e-03	3.33e-04	-2.15e-03	3.32e-05	-1.19e-04	-2.72e-05
650	7	0.01	2.50e-03	-3.20e-03	1.59e-05	-6.20e-05	-1.04e-04
650	8	9.42e-03	2.28e-03	-3.23e-03	1.49e-05	-5.92e-05	-1.04e-04
650	31	7.14e-03	1.73e-03	-2.38e-03	1.13e-05	-4.44e-05	-7.62e-05
650	32	6.70e-03	1.58e-03	-2.41e-03	1.06e-05	-4.26e-05	-7.61e-05
650	37	5.24e-03	1.12e-03	-2.15e-03	8.42e-06	-3.43e-05	-6.40e-05
651	7	0.01	2.69e-03	-2.93e-03	6.10e-06	5.96e-06	-9.70e-05
651	8	0.01	2.46e-03	-2.97e-03	6.19e-06	5.30e-06	-9.72e-05
651	31	8.07e-03	1.86e-03	-2.19e-03	4.51e-06	4.08e-06	-7.10e-05
651	32	7.59e-03	1.71e-03	-2.21e-03	4.57e-06	3.64e-06	-7.12e-05
651	37	5.98e-03	1.24e-03	-1.98e-03	3.94e-06	6.00e-06	-6.00e-05
652	7	0.01	2.37e-03	-2.50e-03	-2.31e-06	5.04e-05	-7.73e-05
652	8	9.41e-03	2.17e-03	-2.53e-03	-1.47e-06	4.74e-05	-7.76e-05
652	31	7.12e-03	1.65e-03	-1.87e-03	-1.38e-06	3.58e-05	-5.66e-05
652	32	6.71e-03	1.52e-03	-1.89e-03	0.0	3.37e-05	-5.68e-05
652	37	5.28e-03	1.12e-03	-1.69e-03	0.0	2.65e-05	-4.80e-05
653	7	7.16e-03	1.68e-03	-1.96e-03	-7.11e-06	7.14e-05	-5.27e-05
653	8	6.72e-03	1.55e-03	-1.98e-03	-5.90e-06	6.71e-05	-5.29e-05
653	31	5.08e-03	1.17e-03	-1.46e-03	-4.76e-06	5.07e-05	-3.86e-05
653	32	4.79e-03	1.08e-03	-1.48e-03	-3.96e-06	4.79e-05	-3.88e-05
653	37	3.77e-03	8.01e-04	-1.33e-03	-2.59e-06	3.77e-05	-3.28e-05
654	7	3.85e-03	8.75e-04	-1.35e-03	-7.78e-06	6.94e-05	-2.83e-05
654	8	3.61e-03	8.03e-04	-1.37e-03	-6.58e-06	6.53e-05	-2.85e-05
654	31	2.73e-03	6.09e-04	-1.01e-03	-5.26e-06	4.93e-05	-2.08e-05
654	32	2.57e-03	5.60e-04	-1.02e-03	-4.46e-06	4.65e-05	-2.09e-05
654	37	2.03e-03	4.10e-04	-9.17e-04	-3.03e-06	3.67e-05	-1.76e-05
655	7	1.14e-03	2.13e-04	-6.95e-04	-4.92e-06	4.49e-05	-8.90e-06
655	8	1.07e-03	1.91e-04	-7.02e-04	-4.13e-06	4.22e-05	-8.95e-06
655	31	8.06e-04	1.46e-04	-5.19e-04	-3.31e-06	3.19e-05	-6.53e-06
655	32	7.59e-04	1.31e-04	-5.24e-04	-2.79e-06	3.01e-05	-6.56e-06
655	37	5.99e-04	8.97e-05	-4.73e-04	-1.87e-06	2.37e-05	-5.55e-06
656	1	0.0	0.0	0.0	0.0	0.0	0.0
656	25	0.0	0.0	0.0	0.0	0.0	0.0
656	37	0.0	0.0	0.0	0.0	0.0	0.0
657	7	8.84e-03	2.47e-03	-4.70e-03	5.54e-05	-1.98e-04	-1.31e-04
657	8	8.43e-03	2.31e-03	-4.74e-03	5.33e-05	-1.91e-04	-1.30e-04
657	31	6.32e-03	1.72e-03	-3.49e-03	3.98e-05	-1.42e-04	-9.55e-05
657	32	6.04e-03	1.62e-03	-3.52e-03	3.84e-05	-1.38e-04	-9.50e-05
657	37	4.84e-03	1.18e-03	-3.12e-03	3.12e-05	-1.12e-04	-7.95e-05
658	7	-4.98e-03	9.96e-04	-4.58e-03	8.30e-05	-3.37e-04	-7.70e-05
658	8	-4.92e-03	9.89e-04	-4.63e-03	7.93e-05	-3.25e-04	-7.55e-05
658	31	-3.63e-03	7.09e-04	-3.41e-03	5.92e-05	-2.43e-04	-5.59e-05
658	32	-3.59e-03	7.05e-04	-3.43e-03	5.68e-05	-2.34e-04	-5.48e-05
658	37	-3.02e-03	5.36e-04	-3.04e-03	4.50e-05	-1.91e-04	-4.54e-05
659	7	0.02	3.58e-03	-4.46e-03	2.01e-05	-7.28e-05	-1.41e-04
659	8	0.01	3.36e-03	-4.50e-03	1.93e-05	-6.98e-05	-1.41e-04
659	31	0.01	2.51e-03	-3.31e-03	1.45e-05	-5.22e-05	-1.03e-04
659	32	0.01	2.36e-03	-3.34e-03	1.39e-05	-5.02e-05	-1.03e-04
659	37	8.53e-03	1.77e-03	-2.96e-03	1.13e-05	-4.07e-05	-8.63e-05
660	7	0.02	3.90e-03	-3.84e-03	-4.36e-06	1.58e-05	-1.24e-04
660	8	0.02	3.67e-03	-3.88e-03	-4.22e-06	1.53e-05	-1.24e-04

660	31	0.01	2.75e-03	-2.86e-03	-3.13e-06	1.13e-05	-9.10e-05
660	32	0.01	2.60e-03	-2.88e-03	-3.04e-06	1.10e-05	-9.09e-05
660	37	9.17e-03	1.98e-03	-2.56e-03	-2.44e-06	8.80e-06	-7.64e-05
661	7	0.01	3.44e-03	-3.10e-03	-1.94e-05	7.00e-05	-9.67e-05
661	8	0.01	3.25e-03	-3.13e-03	-1.86e-05	6.71e-05	-9.67e-05
661	31	0.01	2.43e-03	-2.31e-03	-1.39e-05	5.01e-05	-7.07e-05
661	32	9.81e-03	2.30e-03	-2.33e-03	-1.33e-05	4.82e-05	-7.07e-05
661	37	7.89e-03	1.77e-03	-2.07e-03	-1.07e-05	3.87e-05	-5.95e-05
662	7	0.01	2.48e-03	-2.33e-03	-2.61e-05	9.45e-05	-6.57e-05
662	8	9.67e-03	2.34e-03	-2.35e-03	-2.50e-05	9.03e-05	-6.57e-05
662	31	7.24e-03	1.75e-03	-1.74e-03	-1.87e-05	6.76e-05	-4.81e-05
662	32	6.94e-03	1.66e-03	-1.75e-03	-1.79e-05	6.48e-05	-4.81e-05
662	37	5.58e-03	1.29e-03	-1.56e-03	-1.44e-05	5.20e-05	-4.05e-05
663	7	5.46e-03	1.34e-03	-1.56e-03	-2.53e-05	9.13e-05	-3.59e-05
663	8	5.22e-03	1.27e-03	-1.57e-03	-2.41e-05	8.72e-05	-3.60e-05
663	31	3.91e-03	9.50e-04	-1.16e-03	-1.81e-05	6.53e-05	-2.63e-05
663	32	3.75e-03	9.00e-04	-1.17e-03	-1.73e-05	6.26e-05	-2.63e-05
663	37	3.01e-03	6.97e-04	-1.04e-03	-1.39e-05	5.02e-05	-2.22e-05
664	7	1.63e-03	3.80e-04	-7.80e-04	-1.66e-05	6.01e-05	-1.18e-05
664	8	1.56e-03	3.58e-04	-7.87e-04	-1.59e-05	5.74e-05	-1.18e-05
664	31	1.17e-03	2.68e-04	-5.81e-04	-1.19e-05	4.30e-05	-8.63e-06
664	32	1.12e-03	2.53e-04	-5.86e-04	-1.14e-05	4.12e-05	-8.64e-06
664	37	9.00e-04	1.93e-04	-5.24e-04	-9.15e-06	3.31e-05	-7.28e-06
665	1	0.0	0.0	0.0	0.0	0.0	0.0
665	25	0.0	0.0	0.0	0.0	0.0	0.0
665	37	0.0	0.0	0.0	0.0	0.0	0.0
666	7	0.01	3.02e-03	-7.15e-03	1.13e-04	-2.47e-04	-1.89e-04
666	8	0.01	2.86e-03	-7.22e-03	1.11e-04	-2.39e-04	-1.88e-04
666	31	0.01	2.12e-03	-5.31e-03	8.18e-05	-1.38e-04	-1.38e-04
666	32	0.01	2.01e-03	-5.35e-03	8.01e-05	-1.73e-04	-1.37e-04
666	37	8.48e-03	1.49e-03	-4.71e-03	6.60e-05	-1.41e-04	-1.15e-04
667	7	-6.32e-03	1.11e-03	-8.11e-03	8.42e-05	-5.37e-04	-1.45e-04
667	8	-6.23e-03	1.15e-03	-8.18e-03	7.91e-05	-5.25e-04	-1.44e-04
667	31	-4.60e-03	8.23e-04	-6.01e-03	5.88e-05	-3.89e-04	-1.06e-04
667	32	-4.55e-03	8.47e-04	-6.06e-03	5.54e-05	-3.81e-04	-1.05e-04
667	37	-3.81e-03	7.18e-04	-5.33e-03	4.07e-05	-3.14e-04	-8.72e-05
668	7	0.02	5.14e-03	-6.09e-03	1.46e-05	-7.89e-05	-1.78e-04
668	8	0.02	4.91e-03	-6.15e-03	1.38e-05	-7.57e-05	-1.77e-04
668	31	0.02	3.65e-03	-4.52e-03	1.04e-05	-5.66e-05	-1.30e-04
668	32	0.02	3.50e-03	-4.56e-03	9.87e-06	-5.45e-05	-1.29e-04
668	37	0.01	2.71e-03	-4.02e-03	7.88e-06	-4.41e-05	-1.08e-04
669	7	0.02	5.63e-03	-4.75e-03	-2.30e-05	3.03e-05	-1.49e-04
669	8	0.02	5.39e-03	-4.79e-03	-2.28e-05	2.99e-05	-1.48e-04
669	31	0.02	4.01e-03	-3.53e-03	-1.67e-05	2.20e-05	-1.09e-04
669	32	0.02	3.85e-03	-3.56e-03	-1.66e-05	2.18e-05	-1.08e-04
669	37	0.01	3.03e-03	-3.14e-03	-1.38e-05	1.80e-05	-9.08e-05
670	7	0.02	4.92e-03	-3.61e-03	-4.21e-05	9.34e-05	-1.13e-04
670	8	0.02	4.71e-03	-3.64e-03	-4.13e-05	9.05e-05	-1.13e-04
670	31	0.01	3.51e-03	-2.68e-03	-3.05e-05	6.72e-05	-8.27e-05
670	32	0.01	3.37e-03	-2.70e-03	-2.99e-05	6.53e-05	-8.24e-05
670	37	0.01	2.67e-03	-2.39e-03	-2.46e-05	5.31e-05	-6.92e-05
671	7	0.01	3.56e-03	-2.62e-03	-4.94e-05	1.21e-04	-7.62e-05
671	8	0.01	3.42e-03	-2.64e-03	-4.81e-05	1.16e-04	-7.61e-05
671	31	9.84e-03	2.54e-03	-1.94e-03	-3.57e-05	8.67e-05	-5.57e-05
671	32	9.53e-03	2.45e-03	-1.96e-03	-3.49e-05	8.40e-05	-5.56e-05
671	37	7.75e-03	1.95e-03	-1.73e-03	-2.86e-05	6.81e-05	-4.67e-05
672	7	7.43e-03	2.00e-03	-1.71e-03	-4.61e-05	1.16e-04	-4.19e-05
672	8	7.18e-03	1.92e-03	-1.73e-03	-4.49e-05	1.12e-04	-4.19e-05
672	31	5.34e-03	1.43e-03	-1.27e-03	-3.33e-05	8.33e-05	-3.07e-05
672	32	5.18e-03	1.38e-03	-1.28e-03	-3.25e-05	8.05e-05	-3.07e-05
672	37	4.21e-03	1.10e-03	-1.13e-03	-2.66e-05	6.53e-05	-2.58e-05
673	7	2.27e-03	6.49e-04	-8.44e-04	-3.11e-05	7.79e-05	-1.44e-05
673	8	2.19e-03	6.27e-04	-8.50e-04	-3.04e-05	7.51e-05	-1.44e-05
673	31	1.63e-03	4.66e-04	-6.27e-04	-2.25e-05	5.60e-05	-1.06e-05
673	32	1.58e-03	4.51e-04	-6.31e-04	-2.20e-05	5.42e-05	-1.06e-05
673	37	1.29e-03	3.62e-04	-5.61e-04	-1.81e-05	4.39e-05	-8.91e-06
674	1	0.0	0.0	0.0	0.0	0.0	0.0
674	25	0.0	0.0	0.0	0.0	0.0	0.0
674	37	0.0	0.0	0.0	0.0	0.0	0.0
675	7	0.02	3.71e-03	-0.01	2.09e-06	-3.71e-04	-2.25e-04
675	8	0.02	3.54e-03	-0.01	0.0	-3.63e-04	-2.23e-04
675	31	0.02	2.61e-03	-8.34e-03	0.0	-2.69e-04	-1.64e-04
675	32	0.02	2.50e-03	-8.42e-03	0.0	-2.63e-04	-1.63e-04
675	37	0.01	1.86e-03	-7.41e-03	-2.11e-06	-2.17e-04	-1.36e-04
676	7	0.03	7.59e-03	-7.07e-03	2.11e-05	-7.62e-05	-2.11e-04
676	8	0.03	7.35e-03	-7.14e-03	2.01e-05	-7.27e-05	-2.09e-04
676	31	0.02	5.43e-03	-5.25e-03	1.51e-05	-5.45e-05	-1.54e-04

676	32	0.02	5.28e-03	-5.29e-03	1.44e-05	-5.22e-05	-1.53e-04
676	37	0.02	4.20e-03	-4.65e-03	1.16e-05	-4.20e-05	-1.28e-04
677	7	0.03	7.90e-03	-5.13e-03	-1.46e-05	5.29e-05	-1.71e-04
677	8	0.03	7.66e-03	-5.17e-03	-1.46e-05	5.26e-05	-1.70e-04
677	31	0.02	5.67e-03	-3.80e-03	-1.07e-05	3.85e-05	-1.25e-04
677	32	0.02	5.51e-03	-3.83e-03	-1.06e-05	3.83e-05	-1.24e-04
677	37	0.02	4.42e-03	-3.36e-03	-8.85e-06	3.20e-05	-1.03e-04
678	7	0.03	6.73e-03	-3.76e-03	-3.42e-05	1.23e-04	-1.27e-04
678	8	0.02	6.52e-03	-3.79e-03	-3.34e-05	1.21e-04	-1.26e-04
678	31	0.02	4.84e-03	-2.79e-03	-2.47e-05	8.92e-05	-9.24e-05
678	32	0.02	4.69e-03	-2.80e-03	-2.42e-05	8.72e-05	-9.19e-05
678	37	0.01	3.78e-03	-2.46e-03	-1.98e-05	7.16e-05	-7.69e-05
679	7	0.02	4.84e-03	-2.67e-03	-4.23e-05	1.53e-04	-8.27e-05
679	8	0.02	4.70e-03	-2.68e-03	-4.11e-05	1.48e-04	-8.24e-05
679	31	0.01	3.48e-03	-1.98e-03	-3.05e-05	1.10e-04	-6.04e-05
679	32	0.01	3.38e-03	-1.99e-03	-2.97e-05	1.07e-04	-6.02e-05
679	37	0.01	2.73e-03	-1.74e-03	-2.43e-05	8.77e-05	-5.05e-05
680	7	9.61e-03	2.76e-03	-1.73e-03	-4.03e-05	1.46e-04	-4.21e-05
680	8	9.35e-03	2.68e-03	-1.74e-03	-3.91e-05	1.41e-04	-4.22e-05
680	31	6.93e-03	1.99e-03	-1.28e-03	-2.90e-05	1.05e-04	-3.08e-05
680	32	6.76e-03	1.94e-03	-1.29e-03	-2.82e-05	1.02e-04	-3.09e-05
680	37	5.54e-03	1.57e-03	-1.13e-03	-2.31e-05	8.33e-05	-2.60e-05
681	7	2.92e-03	9.83e-04	-8.83e-04	-2.68e-05	9.90e-05	-9.64e-06
681	8	2.84e-03	9.62e-04	-8.87e-04	-2.60e-05	9.62e-05	-9.89e-06
681	31	2.11e-03	7.11e-04	-6.54e-04	-1.93e-05	7.14e-05	-7.14e-06
681	32	2.06e-03	6.97e-04	-6.57e-04	-1.88e-05	6.95e-05	-7.31e-06
681	37	1.69e-03	5.74e-04	-5.77e-04	-1.54e-05	5.69e-05	-6.31e-06
682	7	-5.59e-03	5.83e-03	-0.01	1.73e-04	7.52e-06	4.06e-05
682	8	-5.59e-03	5.90e-03	-0.01	1.74e-04	7.55e-06	4.05e-05
682	31	-4.12e-03	4.26e-03	-7.77e-03	1.28e-04	5.58e-06	3.06e-05
682	32	-4.12e-03	4.31e-03	-7.77e-03	1.29e-04	5.60e-06	3.05e-05
682	37	-3.55e-03	3.58e-03	-6.88e-03	1.14e-04	4.96e-06	2.85e-05
683	7	-3.32e-03	0.01	-0.01	1.35e-04	5.68e-06	1.84e-06
683	8	-3.33e-03	0.01	-0.01	1.35e-04	5.70e-06	1.82e-06
683	31	-2.44e-03	8.71e-03	-7.75e-03	1.01e-04	4.25e-06	1.27e-06
683	32	-2.44e-03	8.77e-03	-7.75e-03	1.01e-04	4.26e-06	1.26e-06
683	37	-2.09e-03	7.57e-03	-6.85e-03	9.19e-05	3.88e-06	0.0
684	7	-2.68e-03	0.02	-9.74e-03	5.21e-05	2.18e-06	-1.11e-05
684	8	-2.69e-03	0.02	-9.74e-03	5.22e-05	2.19e-06	-1.12e-05
684	31	-1.97e-03	0.01	-7.22e-03	3.93e-05	1.65e-06	-8.73e-06
684	32	-1.97e-03	0.01	-7.22e-03	3.93e-05	1.65e-06	-8.75e-06
684	37	-1.68e-03	0.01	-6.38e-03	3.68e-05	1.54e-06	-9.22e-06
685	7	-2.42e-03	0.02	-8.49e-03	-1.59e-05	0.0	-1.25e-05
685	8	-2.42e-03	0.02	-8.49e-03	-1.62e-05	0.0	-1.25e-05
685	31	-1.78e-03	0.01	-6.29e-03	-1.15e-05	0.0	-9.70e-06
685	32	-1.78e-03	0.01	-6.29e-03	-1.16e-05	0.0	-9.72e-06
685	37	-1.52e-03	0.01	-5.56e-03	-9.11e-06	0.0	-1.00e-05
686	7	-2.00e-03	0.01	-7.10e-03	-6.40e-05	-2.67e-06	-9.97e-06
686	8	-2.00e-03	0.01	-7.10e-03	-6.44e-05	-2.69e-06	-1.00e-05
686	31	-1.47e-03	0.01	-5.26e-03	-4.73e-05	-1.98e-06	-7.77e-06
686	32	-1.47e-03	0.01	-5.26e-03	-4.76e-05	-1.99e-06	-7.78e-06
686	37	-1.25e-03	9.45e-03	-4.65e-03	-4.15e-05	-1.73e-06	-8.06e-06
687	7	-1.49e-03	0.01	-5.68e-03	-9.18e-05	-3.83e-06	-6.61e-06
687	8	-1.49e-03	0.01	-5.68e-03	-9.23e-05	-3.86e-06	-6.62e-06
687	31	-1.09e-03	8.37e-03	-4.21e-03	-6.80e-05	-2.84e-06	-5.18e-06
687	32	-1.09e-03	8.41e-03	-4.21e-03	-6.84e-05	-2.86e-06	-5.19e-06
687	37	-9.32e-04	7.45e-03	-3.72e-03	-6.03e-05	-2.52e-06	-5.46e-06
688	7	-9.96e-04	7.53e-03	-4.26e-03	-9.92e-05	-4.14e-06	-3.43e-06
688	8	-9.99e-04	7.58e-03	-4.26e-03	-9.98e-05	-4.17e-06	-3.43e-06
688	31	-7.31e-04	5.60e-03	-3.16e-03	-7.36e-05	-3.07e-06	-2.72e-06
688	32	-7.33e-04	5.63e-03	-3.16e-03	-7.40e-05	-3.09e-06	-2.73e-06
688	37	-6.24e-04	4.99e-03	-2.79e-03	-6.55e-05	-2.73e-06	-3.00e-06
689	7	-5.80e-04	3.90e-03	-2.83e-03	-8.64e-05	-3.60e-06	-1.10e-06
689	8	-5.82e-04	3.92e-03	-2.83e-03	-8.69e-05	-3.62e-06	-1.10e-06
689	31	-4.26e-04	2.90e-03	-2.10e-03	-6.42e-05	-2.68e-06	0.0
689	32	-4.27e-04	2.91e-03	-2.09e-03	-6.45e-05	-2.69e-06	0.0
689	37	-3.63e-04	2.59e-03	-1.85e-03	-5.72e-05	-2.38e-06	-1.14e-06
690	7	-2.38e-04	1.14e-03	-1.39e-03	-5.34e-05	-2.23e-06	0.0
690	8	-2.38e-04	1.14e-03	-1.39e-03	-5.37e-05	-2.24e-06	0.0
690	31	-1.75e-04	8.45e-04	-1.03e-03	-3.97e-05	-1.66e-06	0.0
690	32	-1.75e-04	8.49e-04	-1.03e-03	-3.99e-05	-1.66e-06	0.0
690	37	-1.49e-04	7.55e-04	-9.12e-04	-3.54e-05	-1.48e-06	0.0
691	1	0.0	0.0	0.0	0.0	0.0	0.0
691	25	0.0	0.0	0.0	0.0	0.0	0.0
691	37	0.0	0.0	0.0	0.0	0.0	0.0
692	7	-5.32e-03	6.58e-03	-8.66e-03	1.42e-04	1.43e-05	5.75e-06
692	8	-5.32e-03	6.65e-03	-8.66e-03	1.43e-04	1.43e-05	5.74e-06

692	31	-3.92e-03	4.83e-03	-6.42e-03	1.05e-04	1.07e-05	4.33e-06
692	32	-3.92e-03	4.87e-03	-6.42e-03	1.06e-04	1.07e-05	4.32e-06
692	37	-3.39e-03	4.11e-03	-5.68e-03	9.23e-05	9.85e-06	4.05e-06
693	7	-4.05e-03	0.01	-8.65e-03	1.15e-04	4.42e-06	0.0
693	8	-4.05e-03	0.01	-8.65e-03	1.16e-04	4.44e-06	0.0
693	31	-2.98e-03	8.75e-03	-6.41e-03	8.59e-05	3.37e-06	0.0
693	32	-2.98e-03	8.81e-03	-6.41e-03	8.62e-05	3.39e-06	0.0
693	37	-2.56e-03	7.58e-03	-5.66e-03	7.71e-05	3.29e-06	0.0
694	7	-3.31e-03	0.01	-8.16e-03	4.92e-05	2.19e-06	-2.67e-06
694	8	-3.31e-03	0.02	-8.15e-03	4.93e-05	2.19e-06	-2.67e-06
694	31	-2.43e-03	0.01	-6.04e-03	3.70e-05	1.70e-06	-2.22e-06
694	32	-2.43e-03	0.01	-6.04e-03	3.70e-05	1.70e-06	-2.22e-06
694	37	-2.08e-03	9.68e-03	-5.34e-03	3.43e-05	1.74e-06	-2.72e-06
695	7	-2.54e-03	0.02	-7.38e-03	-1.42e-05	-1.08e-06	-2.42e-06
695	8	-2.54e-03	0.02	-7.38e-03	-1.45e-05	-1.09e-06	-2.42e-06
695	31	-1.86e-03	0.01	-5.47e-03	-1.02e-05	0.0	-2.07e-06
695	32	-1.87e-03	0.01	-5.47e-03	-1.03e-05	0.0	-2.07e-06
695	37	-1.59e-03	0.01	-4.84e-03	-7.82e-06	0.0	-2.73e-06
696	7	-1.82e-03	0.01	-6.31e-03	-6.16e-05	-2.89e-06	-1.72e-06
696	8	-1.82e-03	0.01	-6.31e-03	-6.20e-05	-2.91e-06	-1.72e-06
696	31	-1.33e-03	0.01	-4.68e-03	-4.55e-05	-2.16e-06	-1.53e-06
696	32	-1.34e-03	0.01	-4.68e-03	-4.58e-05	-2.17e-06	-1.53e-06
696	37	-1.13e-03	9.20e-03	-4.14e-03	-3.96e-05	-1.96e-06	-2.17e-06
697	7	-1.18e-03	0.01	-5.09e-03	-8.95e-05	-3.97e-06	-1.19e-06
697	8	-1.19e-03	0.01	-5.09e-03	-9.01e-05	-3.99e-06	-1.19e-06
697	31	-8.66e-04	8.22e-03	-3.77e-03	-6.63e-05	-2.97e-06	-1.08e-06
697	32	-8.68e-04	8.27e-03	-3.77e-03	-6.66e-05	-2.99e-06	-1.08e-06
697	37	-7.31e-04	7.28e-03	-3.34e-03	-5.84e-05	-2.72e-06	-1.60e-06
698	7	-6.58e-04	7.44e-03	-3.81e-03	-9.74e-05	-4.26e-06	0.0
698	8	-6.60e-04	7.48e-03	-3.81e-03	-9.80e-05	-4.28e-06	0.0
698	31	-4.80e-04	5.52e-03	-2.83e-03	-7.22e-05	-3.19e-06	0.0
698	32	-4.82e-04	5.55e-03	-2.83e-03	-7.26e-05	-3.21e-06	0.0
698	37	-4.01e-04	4.90e-03	-2.50e-03	-6.39e-05	-2.93e-06	-1.07e-06
699	7	-2.67e-04	3.87e-03	-2.52e-03	-8.52e-05	-3.72e-06	0.0
699	8	-2.69e-04	3.89e-03	-2.52e-03	-8.57e-05	-3.74e-06	0.0
699	31	-1.94e-04	2.87e-03	-1.87e-03	-6.32e-05	-2.79e-06	0.0
699	32	-1.95e-04	2.88e-03	-1.87e-03	-6.36e-05	-2.80e-06	0.0
699	37	-1.58e-04	2.55e-03	-1.66e-03	-5.61e-05	-2.57e-06	0.0
700	7	-3.56e-05	1.13e-03	-1.24e-03	-5.30e-05	-2.32e-06	0.0
700	8	-3.61e-05	1.14e-03	-1.24e-03	-5.33e-05	-2.33e-06	0.0
700	31	-2.46e-05	8.38e-04	-9.19e-04	-3.93e-05	-1.74e-06	0.0
700	32	-2.50e-05	8.42e-04	-9.19e-04	-3.95e-05	-1.75e-06	0.0
700	37	-1.61e-05	7.44e-04	-8.16e-04	-3.49e-05	-1.61e-06	0.0
701	1	0.0	0.0	0.0	0.0	0.0	0.0
701	25	0.0	0.0	0.0	0.0	0.0	0.0
701	37	0.0	0.0	0.0	0.0	0.0	0.0
702	7	-5.62e-03	6.30e-03	-8.16e-03	1.39e-04	6.52e-06	-1.27e-05
702	8	-5.62e-03	6.37e-03	-8.16e-03	1.40e-04	6.57e-06	-1.27e-05
702	31	-4.14e-03	4.62e-03	-6.04e-03	1.03e-04	4.78e-06	-9.46e-06
702	32	-4.15e-03	4.67e-03	-6.04e-03	1.03e-04	4.82e-06	-9.49e-06
702	37	-3.59e-03	3.93e-03	-5.33e-03	8.96e-05	4.07e-06	-8.54e-06
703	7	-4.59e-03	0.01	-8.35e-03	1.32e-04	4.81e-05	-2.61e-06
703	8	-4.59e-03	0.01	-8.35e-03	1.32e-04	4.81e-05	-2.61e-06
703	31	-3.38e-03	8.67e-03	-6.19e-03	9.82e-05	3.60e-05	-1.98e-06
703	32	-3.38e-03	8.74e-03	-6.19e-03	9.86e-05	3.60e-05	-1.98e-06
703	37	-2.92e-03	7.51e-03	-5.45e-03	8.81e-05	3.32e-05	-1.90e-06
704	7	-3.94e-03	0.02	-7.43e-03	5.31e-05	6.34e-06	9.46e-06
704	8	-3.94e-03	0.02	-7.42e-03	5.32e-05	6.35e-06	9.48e-06
704	31	-2.90e-03	0.01	-5.50e-03	3.98e-05	4.71e-06	6.97e-06
704	32	-2.90e-03	0.01	-5.50e-03	3.99e-05	4.71e-06	6.98e-06
704	37	-2.49e-03	9.75e-03	-4.86e-03	3.66e-05	4.19e-06	6.04e-06
705	7	-2.74e-03	0.02	-6.56e-03	-1.49e-05	-1.66e-06	1.05e-05
705	8	-2.75e-03	0.02	-6.56e-03	-1.51e-05	-1.67e-06	1.05e-05
705	31	-2.01e-03	0.01	-4.86e-03	-1.07e-05	-1.24e-06	7.70e-06
705	32	-2.02e-03	0.01	-4.86e-03	-1.09e-05	-1.25e-06	7.72e-06
705	37	-1.72e-03	0.01	-4.30e-03	-8.40e-06	-1.14e-06	6.52e-06
706	7	-1.70e-03	0.01	-5.52e-03	-6.29e-05	-3.98e-06	7.80e-06
706	8	-1.70e-03	0.01	-5.52e-03	-6.34e-05	-4.00e-06	7.83e-06
706	31	-1.24e-03	0.01	-4.09e-03	-4.64e-05	-2.95e-06	5.66e-06
706	32	-1.25e-03	0.01	-4.09e-03	-4.67e-05	-2.96e-06	5.67e-06
706	37	-1.05e-03	9.26e-03	-3.62e-03	-4.04e-05	-2.59e-06	4.60e-06
707	7	-9.30e-04	0.01	-4.45e-03	-9.08e-05	-5.03e-06	4.72e-06
707	8	-9.34e-04	0.01	-4.45e-03	-9.14e-05	-5.06e-06	4.74e-06
707	31	-6.78e-04	8.29e-03	-3.30e-03	-6.72e-05	-3.71e-06	3.38e-06
707	32	-6.81e-04	8.33e-03	-3.30e-03	-6.76e-05	-3.73e-06	3.39e-06
707	37	-5.65e-04	7.32e-03	-2.93e-03	-5.90e-05	-3.23e-06	2.61e-06
708	7	-3.66e-04	7.49e-03	-3.36e-03	-9.83e-05	-5.03e-06	2.07e-06

708	8	-3.69e-04	7.53e-03	-3.36e-03	-9.89e-05	-5.06e-06	2.07e-06
708	31	-2.64e-04	5.55e-03	-2.49e-03	-7.28e-05	-3.71e-06	1.44e-06
708	32	-2.66e-04	5.58e-03	-2.49e-03	-7.32e-05	-3.73e-06	1.44e-06
708	37	-2.09e-04	4.91e-03	-2.22e-03	-6.43e-05	-3.22e-06	0.0
709	1	2.34e-05	3.39e-03	-1.97e-03	-7.45e-05	-3.36e-06	0.0
709	7	2.94e-06	3.89e-03	-2.24e-03	-8.56e-05	-3.96e-06	0.0
709	8	1.49e-06	3.91e-03	-2.24e-03	-8.61e-05	-3.98e-06	0.0
709	25	2.04e-05	2.55e-03	-1.48e-03	-5.61e-05	-2.52e-06	0.0
709	31	6.70e-06	2.88e-03	-1.67e-03	-6.34e-05	-2.92e-06	0.0
709	32	5.74e-06	2.90e-03	-1.67e-03	-6.38e-05	-2.93e-06	0.0
709	37	2.04e-05	2.55e-03	-1.48e-03	-5.61e-05	-2.52e-06	0.0
710	7	1.33e-04	1.14e-03	-1.11e-03	-5.29e-05	-1.95e-06	0.0
710	8	1.32e-04	1.15e-03	-1.11e-03	-5.32e-05	-1.96e-06	0.0
710	31	1.00e-04	8.45e-04	-8.26e-04	-3.92e-05	-1.43e-06	0.0
710	32	1.00e-04	8.49e-04	-8.26e-04	-3.94e-05	-1.44e-06	0.0
710	37	9.47e-05	7.47e-04	-7.36e-04	-3.47e-05	-1.22e-06	0.0
711	1	0.0	0.0	0.0	0.0	0.0	0.0
711	25	0.0	0.0	0.0	0.0	0.0	0.0
711	37	0.0	0.0	0.0	0.0	0.0	0.0
712	7	-1.76e-03	9.06e-03	-1.79e-03	-3.10e-05	-1.28e-06	-4.24e-05
712	8	-1.77e-03	9.26e-03	-1.77e-03	-3.04e-05	-1.26e-06	-4.31e-05
712	31	-1.30e-03	6.68e-03	-1.33e-03	-2.31e-05	0.0	-3.17e-05
712	32	-1.31e-03	6.82e-03	-1.32e-03	-2.27e-05	0.0	-3.21e-05
712	37	-1.13e-03	5.80e-03	-1.20e-03	-2.11e-05	0.0	-2.88e-05
713	7	-1.58e-03	8.01e-03	-2.14e-03	-3.34e-05	-1.11e-06	-1.77e-05
713	8	-1.58e-03	8.19e-03	-2.14e-03	-3.31e-05	-1.09e-06	-1.84e-05
713	31	-1.16e-03	5.90e-03	-1.59e-03	-2.49e-05	0.0	-1.30e-05
713	32	-1.17e-03	6.02e-03	-1.59e-03	-2.47e-05	0.0	-1.35e-05
713	37	-1.01e-03	5.10e-03	-1.42e-03	-2.25e-05	0.0	-1.12e-05
714	7	-1.28e-03	9.58e-03	-2.54e-03	-5.04e-05	-3.43e-06	-1.26e-05
714	8	-1.27e-03	9.73e-03	-2.54e-03	-4.91e-05	-3.30e-06	-1.30e-05
714	31	-9.43e-04	7.08e-03	-1.89e-03	-3.81e-05	-2.61e-06	-9.33e-06
714	32	-9.36e-04	7.18e-03	-1.89e-03	-3.72e-05	-2.53e-06	-9.60e-06
714	37	-8.16e-04	6.19e-03	-1.68e-03	-3.60e-05	-2.55e-06	-8.12e-06
715	7	-1.41e-03	7.62e-03	-1.69e-03	-3.93e-05	-1.63e-06	-3.13e-05
715	8	-1.42e-03	7.82e-03	-1.67e-03	-3.97e-05	-1.65e-06	-3.20e-05
715	31	-1.04e-03	5.61e-03	-1.26e-03	-2.91e-05	-1.21e-06	-2.33e-05
715	32	-1.05e-03	5.75e-03	-1.25e-03	-2.94e-05	-1.22e-06	-2.38e-05
715	37	-9.06e-04	4.85e-03	-1.13e-03	-2.56e-05	-1.06e-06	-2.10e-05
716	7	-1.26e-03	6.70e-03	-1.72e-03	-3.55e-05	-1.54e-06	-2.04e-05
716	8	-1.27e-03	6.88e-03	-1.72e-03	-3.59e-05	-1.55e-06	-2.11e-05
716	31	-9.33e-04	4.93e-03	-1.28e-03	-2.62e-05	-1.14e-06	-1.51e-05
716	32	-9.39e-04	5.05e-03	-1.28e-03	-2.65e-05	-1.15e-06	-1.56e-05
716	37	-8.11e-04	4.24e-03	-1.15e-03	-2.30e-05	0.0	-1.33e-05
717	7	-1.10e-03	5.91e-03	-1.51e-03	-4.32e-05	-1.79e-06	-2.21e-05
717	8	-1.11e-03	6.08e-03	-1.50e-03	-4.41e-05	-1.83e-06	-2.27e-05
717	31	-8.11e-04	4.35e-03	-1.13e-03	-3.19e-05	-1.32e-06	-1.65e-05
717	32	-8.18e-04	4.47e-03	-1.12e-03	-3.25e-05	-1.35e-06	-1.69e-05
717	37	-7.07e-04	3.75e-03	-1.01e-03	-2.78e-05	-1.15e-06	-1.47e-05
718	7	-9.99e-04	5.21e-03	-1.46e-03	-3.79e-05	-1.72e-06	-1.71e-05
718	8	-1.01e-03	5.36e-03	-1.46e-03	-3.87e-05	-1.76e-06	-1.77e-05
718	31	-7.37e-04	3.83e-03	-1.09e-03	-2.80e-05	-1.27e-06	-1.26e-05
718	32	-7.43e-04	3.93e-03	-1.09e-03	-2.85e-05	-1.29e-06	-1.30e-05
718	37	-6.42e-04	3.29e-03	-9.80e-04	-2.43e-05	-1.10e-06	-1.11e-05
719	7	-8.30e-04	4.17e-03	-1.29e-03	-4.16e-05	-1.73e-06	-1.48e-05
719	8	-8.38e-04	4.30e-03	-1.28e-03	-4.27e-05	-1.77e-06	-1.53e-05
719	31	-6.13e-04	3.07e-03	-9.60e-04	-3.07e-05	-1.27e-06	-1.10e-05
719	32	-6.18e-04	3.16e-03	-9.55e-04	-3.14e-05	-1.30e-06	-1.13e-05
719	37	-5.36e-04	2.63e-03	-8.64e-04	-2.65e-05	-1.10e-06	-9.72e-06
720	7	-7.53e-04	3.68e-03	-1.21e-03	-3.68e-05	-1.68e-06	-1.25e-05
720	8	-7.61e-04	3.80e-03	-1.21e-03	-3.78e-05	-1.72e-06	-1.30e-05
720	31	-5.56e-04	2.71e-03	-9.04e-04	-2.71e-05	-1.24e-06	-9.23e-06
720	32	-5.61e-04	2.78e-03	-9.00e-04	-2.78e-05	-1.27e-06	-9.55e-06
720	37	-4.86e-04	2.32e-03	-8.15e-04	-2.34e-05	-1.07e-06	-8.08e-06
721	7	-5.95e-04	2.57e-03	-1.02e-03	-3.63e-05	-1.51e-06	-8.96e-06
721	8	-6.01e-04	2.66e-03	-1.02e-03	-3.74e-05	-1.55e-06	-9.28e-06
721	31	-4.40e-04	1.89e-03	-7.63e-04	-2.67e-05	-1.11e-06	-6.64e-06
721	32	-4.44e-04	1.95e-03	-7.60e-04	-2.75e-05	-1.14e-06	-6.85e-06
721	37	-3.86e-04	1.62e-03	-6.88e-04	-2.30e-05	0.0	-5.86e-06
722	7	-5.31e-04	2.27e-03	-9.43e-04	-3.23e-05	-1.48e-06	-8.05e-06
722	8	-5.37e-04	2.35e-03	-9.40e-04	-3.33e-05	-1.52e-06	-8.38e-06
722	31	-3.93e-04	1.67e-03	-7.04e-04	-2.38e-05	-1.09e-06	-5.95e-06
722	32	-3.97e-04	1.72e-03	-7.01e-04	-2.44e-05	-1.12e-06	-6.17e-06
722	37	-3.44e-04	1.42e-03	-6.36e-04	-2.04e-05	0.0	-5.20e-06
723	7	-3.83e-04	1.26e-03	-7.19e-04	-2.78e-05	-1.15e-06	-4.45e-06
723	8	-3.87e-04	1.30e-03	-7.16e-04	-2.88e-05	-1.19e-06	-4.62e-06
723	31	-2.84e-04	9.23e-04	-5.36e-04	-2.05e-05	0.0	-3.30e-06

723	32	-2.86e-04	9.54e-04	-5.35e-04	-2.11e-05	0.0	-3.41e-06
723	37	-2.50e-04	7.89e-04	-4.85e-04	-1.75e-05	0.0	-2.91e-06
724	7	-3.29e-04	1.10e-03	-6.49e-04	-2.48e-05	-1.14e-06	-4.27e-06
724	8	-3.33e-04	1.14e-03	-6.47e-04	-2.56e-05	-1.18e-06	-4.45e-06
724	31	-2.44e-04	8.08e-04	-4.85e-04	-1.82e-05	0.0	-3.15e-06
724	32	-2.46e-04	8.35e-04	-4.83e-04	-1.87e-05	0.0	-3.27e-06
724	37	-2.15e-04	6.88e-04	-4.39e-04	-1.55e-05	0.0	-2.75e-06
725	7	-1.81e-04	3.50e-04	-3.74e-04	-1.60e-05	0.0	-1.37e-06
725	8	-1.82e-04	3.64e-04	-3.73e-04	-1.66e-05	0.0	-1.42e-06
725	31	-1.34e-04	2.57e-04	-2.79e-04	-1.17e-05	0.0	-1.01e-06
725	32	-1.35e-04	2.66e-04	-2.78e-04	-1.21e-05	0.0	-1.05e-06
725	37	-1.19e-04	2.19e-04	-2.53e-04	-1.00e-05	0.0	0.0
726	7	-1.47e-04	3.01e-04	-3.33e-04	-1.41e-05	0.0	-1.43e-06
726	8	-1.48e-04	3.12e-04	-3.32e-04	-1.46e-05	0.0	-1.49e-06
726	31	-1.09e-04	2.21e-04	-2.49e-04	-1.03e-05	0.0	-1.06e-06
726	32	-1.10e-04	2.28e-04	-2.48e-04	-1.07e-05	0.0	-1.10e-06
726	37	-9.63e-05	1.87e-04	-2.26e-04	-8.79e-06	0.0	0.0
727	1	0.0	0.0	0.0	0.0	0.0	0.0
727	25	0.0	0.0	0.0	0.0	0.0	0.0
727	37	0.0	0.0	0.0	0.0	0.0	0.0
728	7	-1.26e-03	7.66e-03	-2.04e-03	-3.86e-05	0.0	-8.30e-06
728	8	-1.26e-03	7.81e-03	-2.03e-03	-3.85e-05	1.13e-06	-8.88e-06
728	31	-9.32e-04	5.64e-03	-1.51e-03	-2.88e-05	0.0	-6.01e-06
728	32	-9.33e-04	5.75e-03	-1.51e-03	-2.87e-05	0.0	-6.39e-06
728	37	-8.09e-04	4.89e-03	-1.34e-03	-2.59e-05	0.0	-4.84e-06
729	7	-1.31e-03	9.34e-03	-2.42e-03	-4.30e-05	-2.88e-06	-5.88e-06
729	8	-1.30e-03	9.48e-03	-2.42e-03	-4.25e-05	-2.53e-06	-6.19e-06
729	31	-9.65e-04	6.90e-03	-1.79e-03	-3.22e-05	-2.28e-06	-4.28e-06
729	32	-9.59e-04	7.00e-03	-1.79e-03	-3.19e-05	-2.05e-06	-4.48e-06
729	37	-8.39e-04	6.03e-03	-1.58e-03	-2.94e-05	-2.47e-06	-3.50e-06
730	7	-1.09e-03	6.16e-03	-1.71e-03	-3.62e-05	0.0	-1.15e-05
730	8	-1.10e-03	6.32e-03	-1.71e-03	-3.65e-05	0.0	-1.22e-05
730	31	-8.06e-04	4.53e-03	-1.27e-03	-2.68e-05	0.0	-8.42e-06
730	32	-8.10e-04	4.64e-03	-1.27e-03	-2.70e-05	0.0	-8.87e-06
730	37	-7.01e-04	3.90e-03	-1.14e-03	-2.36e-05	0.0	-7.04e-06
731	7	-8.82e-04	4.71e-03	-1.43e-03	-3.56e-05	-2.65e-06	-1.16e-05
731	8	-8.89e-04	4.84e-03	-1.43e-03	-3.63e-05	-2.77e-06	-1.22e-05
731	31	-6.51e-04	3.46e-03	-1.07e-03	-2.63e-05	-1.94e-06	-8.49e-06
731	32	-6.56e-04	3.55e-03	-1.06e-03	-2.67e-05	-2.01e-06	-8.88e-06
731	37	-5.67e-04	2.97e-03	-9.56e-04	-2.28e-05	-1.62e-06	-7.22e-06
732	7	-6.69e-04	3.30e-03	-1.16e-03	-3.36e-05	-3.58e-06	-9.35e-06
732	8	-6.75e-04	3.40e-03	-1.16e-03	-3.44e-05	-3.72e-06	-9.80e-06
732	31	-4.94e-04	2.42e-03	-8.67e-04	-2.47e-05	-2.62e-06	-6.87e-06
732	32	-4.98e-04	2.49e-03	-8.65e-04	-2.53e-05	-2.72e-06	-7.17e-06
732	37	-4.31e-04	2.07e-03	-7.81e-04	-2.13e-05	-2.24e-06	-5.88e-06
733	7	-4.68e-04	2.02e-03	-8.92e-04	-2.91e-05	-3.56e-06	-6.35e-06
733	8	-4.73e-04	2.08e-03	-8.89e-04	-3.00e-05	-3.71e-06	-6.66e-06
733	31	-3.46e-04	1.48e-03	-6.65e-04	-2.14e-05	-2.62e-06	-4.67e-06
733	32	-3.50e-04	1.52e-03	-6.63e-04	-2.20e-05	-2.72e-06	-4.88e-06
733	37	-3.03e-04	1.26e-03	-6.02e-04	-1.83e-05	-2.24e-06	-4.00e-06
734	7	-2.85e-04	9.67e-04	-6.07e-04	-2.20e-05	-2.99e-06	-3.43e-06
734	8	-2.89e-04	1.00e-03	-6.06e-04	-2.28e-05	-3.12e-06	-3.60e-06
734	31	-2.11e-04	7.09e-04	-4.54e-04	-1.62e-05	-2.20e-06	-2.52e-06
734	32	-2.13e-04	7.32e-04	-4.52e-04	-1.67e-05	-2.28e-06	-2.63e-06
734	37	-1.86e-04	6.02e-04	-4.12e-04	-1.38e-05	-1.88e-06	-2.17e-06
735	7	-1.25e-04	2.59e-04	-3.11e-04	-1.23e-05	-1.89e-06	-1.12e-06
735	8	-1.26e-04	2.68e-04	-3.10e-04	-1.27e-05	-1.97e-06	-1.18e-06
735	31	-9.25e-05	1.89e-04	-2.33e-04	-9.01e-06	-1.39e-06	0.0
735	32	-9.36e-05	1.96e-04	-2.32e-04	-9.29e-06	-1.44e-06	0.0
735	37	-8.18e-05	1.60e-04	-2.12e-04	-7.64e-06	-1.19e-06	0.0
736	1	0.0	0.0	0.0	0.0	0.0	0.0
736	25	0.0	0.0	0.0	0.0	0.0	0.0
736	37	0.0	0.0	0.0	0.0	0.0	0.0
737	7	-1.12e-03	7.43e-03	-1.95e-03	-4.04e-05	-2.59e-06	-6.29e-06
737	8	-1.12e-03	7.57e-03	-1.95e-03	-4.05e-05	-2.77e-06	-6.72e-06
737	31	-8.30e-04	5.48e-03	-1.45e-03	-3.01e-05	-1.87e-06	-4.53e-06
737	32	-8.30e-04	5.57e-03	-1.45e-03	-3.01e-05	-2.00e-06	-4.82e-06
737	37	-7.23e-04	4.76e-03	-1.28e-03	-2.69e-05	-1.51e-06	-3.58e-06
738	7	-1.30e-03	9.13e-03	-2.31e-03	-4.24e-05	-1.97e-06	-5.58e-06
738	8	-1.29e-03	9.27e-03	-2.31e-03	-4.23e-05	-2.13e-06	-5.81e-06
738	31	-9.60e-04	6.75e-03	-1.71e-03	-3.16e-05	-1.42e-06	-4.06e-06
738	32	-9.55e-04	6.84e-03	-1.71e-03	-3.15e-05	-1.52e-06	-4.22e-06
738	37	-8.36e-04	5.90e-03	-1.50e-03	-2.85e-05	-1.10e-06	-3.35e-06
739	7	-9.50e-04	5.85e-03	-1.66e-03	-3.74e-05	-2.41e-06	-7.63e-06
739	8	-9.55e-04	5.98e-03	-1.66e-03	-3.78e-05	-2.45e-06	-8.17e-06
739	31	-7.02e-04	4.31e-03	-1.24e-03	-2.77e-05	-1.80e-06	-5.51e-06
739	32	-7.04e-04	4.39e-03	-1.24e-03	-2.80e-05	-1.82e-06	-5.87e-06

739	37	-6.11e-04	3.72e-03	-1.10e-03	-2.45e-05	-1.63e-06	-4.40e-06
740	7	-7.68e-04	4.38e-03	-1.39e-03	-3.49e-05	0.0	-7.87e-06
740	8	-7.74e-04	4.49e-03	-1.39e-03	-3.55e-05	0.0	-8.38e-06
740	31	-5.67e-04	3.22e-03	-1.03e-03	-2.58e-05	0.0	-5.72e-06
740	32	-5.71e-04	3.30e-03	-1.03e-03	-2.62e-05	0.0	-6.06e-06
740	37	-4.95e-04	2.77e-03	-9.27e-04	-2.25e-05	0.0	-4.67e-06
741	7	-5.84e-04	3.03e-03	-1.12e-03	-3.18e-05	0.0	-6.66e-06
741	8	-5.90e-04	3.11e-03	-1.12e-03	-3.26e-05	0.0	-7.07e-06
741	31	-4.32e-04	2.22e-03	-8.37e-04	-2.34e-05	0.0	-4.85e-06
741	32	-4.36e-04	2.28e-03	-8.36e-04	-2.39e-05	0.0	-5.12e-06
741	37	-3.78e-04	1.90e-03	-7.54e-04	-2.02e-05	0.0	-4.02e-06
742	7	-4.08e-04	1.83e-03	-8.56e-04	-2.71e-05	0.0	-4.64e-06
742	8	-4.13e-04	1.88e-03	-8.54e-04	-2.78e-05	0.0	-4.92e-06
742	31	-3.02e-04	1.34e-03	-6.38e-04	-1.99e-05	0.0	-3.39e-06
742	32	-3.05e-04	1.38e-03	-6.37e-04	-2.04e-05	0.0	-3.57e-06
742	37	-2.65e-04	1.14e-03	-5.77e-04	-1.71e-05	0.0	-2.82e-06
743	7	-2.47e-04	8.66e-04	-5.81e-04	-2.02e-05	0.0	-2.50e-06
743	8	-2.50e-04	8.94e-04	-5.80e-04	-2.08e-05	0.0	-2.65e-06
743	31	-1.83e-04	6.35e-04	-4.34e-04	-1.48e-05	0.0	-1.82e-06
743	32	-1.85e-04	6.53e-04	-4.33e-04	-1.52e-05	0.0	-1.92e-06
743	37	-1.61e-04	5.39e-04	-3.94e-04	-1.26e-05	0.0	-1.52e-06
744	7	-1.08e-04	2.28e-04	-2.97e-04	-1.10e-05	0.0	0.0
744	8	-1.09e-04	2.36e-04	-2.97e-04	-1.14e-05	0.0	0.0
744	31	-7.99e-05	1.67e-04	-2.22e-04	-8.10e-06	0.0	0.0
744	32	-8.10e-05	1.72e-04	-2.22e-04	-8.34e-06	0.0	0.0
744	37	-7.08e-05	1.41e-04	-2.03e-04	-6.87e-06	0.0	0.0
745	1	0.0	0.0	0.0	0.0	0.0	0.0
745	25	0.0	0.0	0.0	0.0	0.0	0.0
745	37	0.0	0.0	0.0	0.0	0.0	0.0
746	8	-1.01e-03	7.34e-03	-1.87e-03	-4.13e-05	-1.70e-06	-7.14e-06
746	32	-7.45e-04	5.41e-03	-1.38e-03	-3.07e-05	-1.26e-06	-5.14e-06
746	37	-6.51e-04	4.64e-03	-1.22e-03	-2.72e-05	-1.13e-06	-3.97e-06
747	7	-1.29e-03	8.92e-03	-2.22e-03	-4.26e-05	-1.74e-06	-6.33e-06
747	8	-1.28e-03	9.05e-03	-2.22e-03	-4.27e-05	-1.75e-06	-6.52e-06
747	31	-9.51e-04	6.59e-03	-1.64e-03	-3.16e-05	-1.30e-06	-4.62e-06
747	32	-9.47e-04	6.68e-03	-1.64e-03	-3.17e-05	-1.30e-06	-4.74e-06
747	37	-8.29e-04	5.77e-03	-1.43e-03	-2.83e-05	-1.17e-06	-3.85e-06
748	7	-8.26e-04	5.61e-03	-1.60e-03	-3.78e-05	-1.58e-06	-6.69e-06
748	8	-8.29e-04	5.73e-03	-1.60e-03	-3.81e-05	-1.59e-06	-7.10e-06
748	31	-6.10e-04	4.14e-03	-1.19e-03	-2.80e-05	-1.17e-06	-4.81e-06
748	32	-6.13e-04	4.21e-03	-1.19e-03	-2.82e-05	-1.18e-06	-5.09e-06
748	37	-5.35e-04	3.59e-03	-1.06e-03	-2.47e-05	-1.03e-06	-3.80e-06
749	7	-6.64e-04	4.15e-03	-1.34e-03	-3.43e-05	-1.45e-06	-6.08e-06
749	8	-6.69e-04	4.24e-03	-1.34e-03	-3.49e-05	-1.48e-06	-6.50e-06
749	31	-4.91e-04	3.05e-03	-9.99e-04	-2.54e-05	-1.07e-06	-4.38e-06
749	32	-4.95e-04	3.12e-03	-9.99e-04	-2.57e-05	-1.09e-06	-4.66e-06
749	37	-4.31e-04	2.63e-03	-8.94e-04	-2.22e-05	0.0	-3.47e-06
750	7	-5.05e-04	2.83e-03	-1.09e-03	-3.04e-05	-1.31e-06	-4.91e-06
750	8	-5.11e-04	2.90e-03	-1.09e-03	-3.11e-05	-1.34e-06	-5.25e-06
750	31	-3.74e-04	2.08e-03	-8.11e-04	-2.24e-05	0.0	-3.54e-06
750	32	-3.77e-04	2.13e-03	-8.10e-04	-2.29e-05	0.0	-3.77e-06
750	37	-3.29e-04	1.79e-03	-7.29e-04	-1.95e-05	0.0	-2.83e-06
751	7	-3.53e-04	1.69e-03	-8.28e-04	-2.53e-05	-1.11e-06	-3.34e-06
751	8	-3.57e-04	1.74e-03	-8.28e-04	-2.60e-05	-1.13e-06	-3.57e-06
751	31	-2.61e-04	1.24e-03	-6.18e-04	-1.86e-05	0.0	-2.41e-06
751	32	-2.64e-04	1.27e-03	-6.17e-04	-1.91e-05	0.0	-2.57e-06
751	37	-2.30e-04	1.06e-03	-5.58e-04	-1.61e-05	0.0	-1.94e-06
752	7	-2.13e-04	7.95e-04	-5.62e-04	-1.86e-05	0.0	-1.74e-06
752	8	-2.16e-04	8.18e-04	-5.61e-04	-1.91e-05	0.0	-1.87e-06
752	31	-1.58e-04	5.83e-04	-4.20e-04	-1.37e-05	0.0	-1.26e-06
752	32	-1.60e-04	5.98e-04	-4.19e-04	-1.40e-05	0.0	-1.35e-06
752	37	-1.40e-04	4.96e-04	-3.81e-04	-1.17e-05	0.0	-1.01e-06
753	7	-9.30e-05	2.08e-04	-2.88e-04	-1.01e-05	0.0	0.0
753	8	-9.45e-05	2.14e-04	-2.88e-04	-1.04e-05	0.0	0.0
753	31	-6.90e-05	1.52e-04	-2.15e-04	-7.38e-06	0.0	0.0
753	32	-7.00e-05	1.56e-04	-2.15e-04	-7.58e-06	0.0	0.0
753	37	-6.14e-05	1.29e-04	-1.97e-04	-6.28e-06	0.0	0.0
754	1	0.0	0.0	0.0	0.0	0.0	0.0
754	25	0.0	0.0	0.0	0.0	0.0	0.0
754	37	0.0	0.0	0.0	0.0	0.0	0.0
755	8	-8.80e-04	7.06e-03	-1.75e-03	-4.03e-05	-1.57e-06	-9.82e-06
755	32	-6.52e-04	5.21e-03	-1.29e-03	-2.99e-05	-1.16e-06	-7.13e-06
755	37	-5.73e-04	4.48e-03	-1.14e-03	-2.64e-05	-1.02e-06	-5.74e-06
756	7	-1.30e-03	8.70e-03	-2.10e-03	-4.55e-05	-1.81e-06	-1.21e-05
756	8	-1.30e-03	8.83e-03	-2.10e-03	-4.57e-05	-1.82e-06	-1.23e-05
756	31	-9.62e-04	6.44e-03	-1.55e-03	-3.37e-05	-1.34e-06	-8.88e-06
756	32	-9.58e-04	6.52e-03	-1.55e-03	-3.39e-05	-1.35e-06	-8.97e-06

756	37	-8.37e-04	5.64e-03	-1.36e-03	-2.99e-05	-1.19e-06	-7.47e-06
757	8	-7.18e-04	5.48e-03	-1.53e-03	-3.72e-05	-1.48e-06	-7.59e-06
757	32	-5.32e-04	4.03e-03	-1.14e-03	-2.75e-05	-1.10e-06	-5.46e-06
757	37	-4.67e-04	3.45e-03	-1.01e-03	-2.41e-05	0.0	-4.20e-06
758	8	-5.77e-04	4.03e-03	-1.30e-03	-3.38e-05	-1.35e-06	-5.86e-06
758	32	-4.27e-04	2.97e-03	-9.67e-04	-2.49e-05	0.0	-4.20e-06
758	37	-3.75e-04	2.52e-03	-8.64e-04	-2.16e-05	0.0	-3.13e-06
759	8	-4.39e-04	2.74e-03	-1.06e-03	-2.97e-05	-1.18e-06	-4.27e-06
759	32	-3.25e-04	2.01e-03	-7.88e-04	-2.19e-05	0.0	-3.05e-06
759	37	-2.85e-04	1.70e-03	-7.08e-04	-1.88e-05	0.0	-2.23e-06
760	8	-3.06e-04	1.63e-03	-8.07e-04	-2.46e-05	0.0	-2.71e-06
760	32	-2.27e-04	1.20e-03	-6.02e-04	-1.81e-05	0.0	-1.93e-06
760	37	-1.99e-04	1.01e-03	-5.44e-04	-1.53e-05	0.0	-1.40e-06
761	7	-1.82e-04	7.46e-04	-5.48e-04	-1.75e-05	0.0	-1.23e-06
761	8	-1.85e-04	7.65e-04	-5.48e-04	-1.79e-05	0.0	-1.34e-06
761	31	-1.35e-04	5.48e-04	-4.09e-04	-1.29e-05	0.0	0.0
761	32	-1.37e-04	5.60e-04	-4.09e-04	-1.31e-05	0.0	0.0
761	37	-1.20e-04	4.69e-04	-3.72e-04	-1.11e-05	0.0	0.0
762	7	-7.92e-05	1.95e-04	-2.81e-04	-9.42e-06	0.0	0.0
762	8	-8.07e-05	2.00e-04	-2.81e-04	-9.66e-06	0.0	0.0
762	31	-5.90e-05	1.43e-04	-2.10e-04	-6.92e-06	0.0	0.0
762	32	-6.00e-05	1.46e-04	-2.10e-04	-7.08e-06	0.0	0.0
762	37	-5.29e-05	1.22e-04	-1.92e-04	-5.91e-06	0.0	0.0
763	1	0.0	0.0	0.0	0.0	0.0	0.0
763	25	0.0	0.0	0.0	0.0	0.0	0.0
763	37	0.0	0.0	0.0	0.0	0.0	0.0
764	8	-7.30e-04	6.67e-03	-1.70e-03	-3.68e-05	-5.46e-06	-1.18e-05
764	32	-5.42e-04	4.92e-03	-1.26e-03	-2.73e-05	-4.04e-06	-8.57e-06
764	37	-4.81e-04	4.25e-03	-1.11e-03	-2.40e-05	-3.58e-06	-7.01e-06
765	8	-6.35e-04	8.14e-03	-2.04e-03	-3.55e-05	-4.30e-06	-1.57e-05
765	32	-4.75e-04	6.01e-03	-1.51e-03	-2.64e-05	-3.19e-06	-1.15e-05
765	37	-4.30e-04	5.21e-03	-1.31e-03	-2.33e-05	-2.82e-06	-9.58e-06
766	8	-6.17e-04	5.20e-03	-1.49e-03	-3.49e-05	-3.75e-06	-8.29e-06
766	32	-4.58e-04	3.83e-03	-1.11e-03	-2.59e-05	-2.77e-06	-5.99e-06
766	37	-4.05e-04	3.29e-03	-9.81e-04	-2.26e-05	-2.42e-06	-4.73e-06
767	8	-4.94e-04	3.83e-03	-1.27e-03	-3.20e-05	-3.06e-06	-5.77e-06
767	32	-3.67e-04	2.82e-03	-9.44e-04	-2.37e-05	-2.24e-06	-4.14e-06
767	37	-3.25e-04	2.41e-03	-8.42e-04	-2.05e-05	-1.90e-06	-3.15e-06
768	8	-3.74e-04	2.60e-03	-1.04e-03	-2.82e-05	-2.57e-06	-3.80e-06
768	32	-2.78e-04	1.91e-03	-7.72e-04	-2.08e-05	-1.87e-06	-2.71e-06
768	37	-2.46e-04	1.63e-03	-6.92e-04	-1.79e-05	-1.53e-06	-1.99e-06
769	8	-2.59e-04	1.55e-03	-7.92e-04	-2.33e-05	-2.08e-06	-2.21e-06
769	32	-1.93e-04	1.14e-03	-5.90e-04	-1.71e-05	-1.51e-06	-1.57e-06
769	37	-1.71e-04	9.65e-04	-5.33e-04	-1.46e-05	-1.20e-06	-1.12e-06
770	8	-1.55e-04	7.26e-04	-5.38e-04	-1.69e-05	-1.49e-06	-1.01e-06
770	32	-1.16e-04	5.33e-04	-4.02e-04	-1.25e-05	-1.07e-06	0.0
770	37	-1.03e-04	4.50e-04	-3.65e-04	-1.06e-05	0.0	0.0
771	8	-6.76e-05	1.90e-04	-2.77e-04	-9.14e-06	0.0	0.0
771	32	-5.04e-05	1.40e-04	-2.07e-04	-6.71e-06	0.0	0.0
771	37	-4.51e-05	1.17e-04	-1.89e-04	-5.66e-06	0.0	0.0
772	1	0.0	0.0	0.0	0.0	0.0	0.0
772	25	0.0	0.0	0.0	0.0	0.0	0.0
772	37	0.0	0.0	0.0	0.0	0.0	0.0
773	8	-5.98e-04	6.25e-03	-1.73e-03	-3.37e-05	1.21e-06	-1.18e-05
773	32	-4.45e-04	4.62e-03	-1.28e-03	-2.50e-05	0.0	-8.61e-06
773	37	-3.99e-04	4.00e-03	-1.12e-03	-2.20e-05	0.0	-7.07e-06
774	8	-6.04e-04	7.63e-03	-2.07e-03	-3.42e-05	0.0	-1.42e-05
774	32	-4.51e-04	5.65e-03	-1.53e-03	-2.54e-05	0.0	-1.04e-05
774	37	-4.09e-04	4.90e-03	-1.33e-03	-2.23e-05	0.0	-8.63e-06
775	8	-5.15e-04	4.91e-03	-1.48e-03	-3.25e-05	1.05e-06	-8.59e-06
775	32	-3.84e-04	3.62e-03	-1.10e-03	-2.41e-05	0.0	-6.23e-06
775	37	-3.43e-04	3.13e-03	-9.74e-04	-2.10e-05	0.0	-4.99e-06
776	8	-4.14e-04	3.63e-03	-1.26e-03	-3.01e-05	0.0	-5.79e-06
776	32	-3.08e-04	2.68e-03	-9.33e-04	-2.23e-05	0.0	-4.17e-06
776	37	-2.76e-04	2.30e-03	-8.31e-04	-1.94e-05	0.0	-3.23e-06
777	8	-3.12e-04	2.48e-03	-1.02e-03	-2.67e-05	0.0	-3.58e-06
777	32	-2.33e-04	1.82e-03	-7.62e-04	-1.97e-05	0.0	-2.56e-06
777	37	-2.09e-04	1.56e-03	-6.83e-04	-1.71e-05	0.0	-1.91e-06
778	8	-2.15e-04	1.48e-03	-7.82e-04	-2.21e-05	0.0	-1.93e-06
778	32	-1.61e-04	1.09e-03	-5.83e-04	-1.63e-05	0.0	-1.37e-06
778	37	-1.45e-04	9.30e-04	-5.25e-04	-1.40e-05	0.0	0.0
779	8	-1.28e-04	6.97e-04	-5.32e-04	-1.62e-05	0.0	0.0
779	32	-9.57e-05	5.13e-04	-3.97e-04	-1.19e-05	0.0	0.0
779	37	-8.68e-05	4.36e-04	-3.60e-04	-1.02e-05	0.0	0.0
780	8	-5.49e-05	1.84e-04	-2.73e-04	-8.80e-06	0.0	0.0
780	32	-4.12e-05	1.35e-04	-2.05e-04	-6.47e-06	0.0	0.0
780	37	-3.77e-05	1.15e-04	-1.87e-04	-5.50e-06	0.0	0.0

781	1	0.0	0.0	0.0	0.0	0.0	0.0
781	25	0.0	0.0	0.0	0.0	0.0	0.0
781	37	0.0	0.0	0.0	0.0	0.0	0.0
782	8	-4.77e-04	5.83e-03	-1.72e-03	-3.07e-05	-1.15e-06	-1.22e-05
782	32	-3.57e-04	4.32e-03	-1.27e-03	-2.28e-05	0.0	-8.86e-06
782	37	-3.25e-04	3.75e-03	-1.12e-03	-2.00e-05	0.0	-7.31e-06
783	8	-5.30e-04	7.10e-03	-2.06e-03	-3.13e-05	-1.23e-06	-1.49e-05
783	32	-3.97e-04	5.25e-03	-1.52e-03	-2.32e-05	0.0	-1.08e-05
783	37	-3.61e-04	4.58e-03	-1.32e-03	-2.05e-05	0.0	-9.05e-06
784	8	-4.12e-04	4.60e-03	-1.48e-03	-2.96e-05	-1.12e-06	-8.81e-06
784	32	-3.08e-04	3.40e-03	-1.10e-03	-2.20e-05	0.0	-6.39e-06
784	37	-2.81e-04	2.95e-03	-9.70e-04	-1.93e-05	0.0	-5.18e-06
785	8	-3.34e-04	3.43e-03	-1.25e-03	-2.78e-05	-1.06e-06	-5.82e-06
785	32	-2.50e-04	2.54e-03	-9.28e-04	-2.06e-05	0.0	-4.20e-06
785	37	-2.29e-04	2.19e-03	-8.26e-04	-1.80e-05	0.0	-3.32e-06
786	8	-2.52e-04	2.36e-03	-1.02e-03	-2.50e-05	0.0	-3.46e-06
786	32	-1.89e-04	1.74e-03	-7.56e-04	-1.85e-05	0.0	-2.48e-06
786	37	-1.74e-04	1.50e-03	-6.77e-04	-1.60e-05	0.0	-1.89e-06
787	8	-1.72e-04	1.42e-03	-7.76e-04	-2.09e-05	0.0	-1.76e-06
787	32	-1.30e-04	1.05e-03	-5.79e-04	-1.54e-05	0.0	-1.25e-06
787	37	-1.20e-04	8.99e-04	-5.21e-04	-1.33e-05	0.0	0.0
788	8	-1.01e-04	6.73e-04	-5.28e-04	-1.55e-05	0.0	0.0
788	22	-1.01e-04	6.30e-04	-4.99e-04	-1.45e-05	0.0	0.0
788	32	-7.61e-05	4.96e-04	-3.94e-04	-1.14e-05	0.0	0.0
788	36	-7.63e-05	4.67e-04	-3.75e-04	-1.08e-05	0.0	0.0
788	37	-7.10e-05	4.25e-04	-3.58e-04	-9.80e-06	0.0	0.0
789	8	-4.21e-05	1.79e-04	-2.71e-04	-8.49e-06	0.0	0.0
789	22	-4.30e-05	1.67e-04	-2.57e-04	-7.94e-06	0.0	0.0
789	32	-3.20e-05	1.32e-04	-2.03e-04	-6.25e-06	0.0	0.0
789	36	-3.26e-05	1.24e-04	-1.94e-04	-5.89e-06	0.0	0.0
789	37	-3.03e-05	1.13e-04	-1.85e-04	-5.36e-06	0.0	0.0
790	1	0.0	0.0	0.0	0.0	0.0	0.0
790	25	0.0	0.0	0.0	0.0	0.0	0.0
790	37	0.0	0.0	0.0	0.0	0.0	0.0
791	8	-3.64e-04	5.40e-03	-1.70e-03	-2.74e-05	-1.14e-06	-1.29e-05
791	32	-2.74e-04	4.00e-03	-1.26e-03	-2.04e-05	0.0	-9.38e-06
791	37	-2.55e-04	3.49e-03	-1.11e-03	-1.79e-05	0.0	-7.77e-06
792	7	-4.23e-04	6.39e-03	-2.04e-03	-2.73e-05	-1.13e-06	-1.60e-05
792	8	-4.28e-04	6.52e-03	-2.04e-03	-2.80e-05	-1.16e-06	-1.60e-05
792	31	-3.18e-04	4.75e-03	-1.51e-03	-2.03e-05	0.0	-1.17e-05
792	32	-3.22e-04	4.83e-03	-1.51e-03	-2.08e-05	0.0	-1.17e-05
792	37	-2.97e-04	4.23e-03	-1.31e-03	-1.83e-05	0.0	-9.74e-06
793	8	-3.13e-04	4.29e-03	-1.47e-03	-2.67e-05	-1.11e-06	-9.14e-06
793	32	-2.36e-04	3.18e-03	-1.09e-03	-1.98e-05	0.0	-6.64e-06
793	37	-2.21e-04	2.77e-03	-9.63e-04	-1.74e-05	0.0	-5.42e-06
794	8	-2.56e-04	3.23e-03	-1.24e-03	-2.54e-05	-1.05e-06	-5.91e-06
794	22	-2.56e-04	3.05e-03	-1.16e-03	-2.42e-05	-1.00e-06	-5.40e-06
794	32	-1.94e-04	2.39e-03	-9.23e-04	-1.88e-05	0.0	-4.28e-06
794	36	-1.94e-04	2.27e-03	-8.68e-04	-1.80e-05	0.0	-3.94e-06
794	37	-1.82e-04	2.08e-03	-8.22e-04	-1.65e-05	0.0	-3.42e-06
795	8	-1.93e-04	2.24e-03	-1.01e-03	-2.32e-05	0.0	-3.40e-06
795	22	-1.96e-04	2.11e-03	-9.49e-04	-2.20e-05	0.0	-3.15e-06
795	32	-1.47e-04	1.66e-03	-7.53e-04	-1.71e-05	0.0	-2.45e-06
795	36	-1.49e-04	1.57e-03	-7.11e-04	-1.64e-05	0.0	-2.29e-06
795	37	-1.39e-04	1.43e-03	-6.75e-04	-1.49e-05	0.0	-1.91e-06
796	8	-1.30e-04	1.36e-03	-7.73e-04	-1.97e-05	0.0	-1.65e-06
796	22	-1.34e-04	1.28e-03	-7.28e-04	-1.86e-05	0.0	-1.56e-06
796	32	-9.95e-05	1.01e-03	-5.76e-04	-1.46e-05	0.0	-1.18e-06
796	36	-1.02e-04	9.49e-04	-5.46e-04	-1.38e-05	0.0	-1.12e-06
796	37	-9.54e-05	8.69e-04	-5.20e-04	-1.26e-05	0.0	0.0
797	8	-7.38e-05	6.53e-04	-5.26e-04	-1.48e-05	0.0	0.0
797	21	-7.80e-05	5.70e-04	-4.74e-04	-1.30e-05	0.0	0.0
797	32	-5.66e-05	4.82e-04	-3.93e-04	-1.09e-05	0.0	0.0
797	35	-5.95e-05	4.27e-04	-3.58e-04	-9.73e-06	0.0	0.0
797	37	-5.52e-05	4.16e-04	-3.57e-04	-9.45e-06	0.0	0.0
798	8	-2.90e-05	1.76e-04	-2.70e-04	-8.25e-06	0.0	0.0
798	21	-3.24e-05	1.53e-04	-2.45e-04	-7.20e-06	0.0	0.0
798	32	-2.25e-05	1.30e-04	-2.02e-04	-6.08e-06	0.0	0.0
798	35	-2.48e-05	1.14e-04	-1.86e-04	-5.38e-06	0.0	0.0
798	37	-2.26e-05	1.12e-04	-1.85e-04	-5.25e-06	0.0	0.0
799	1	0.0	0.0	0.0	0.0	0.0	0.0
799	25	0.0	0.0	0.0	0.0	0.0	0.0
799	37	0.0	0.0	0.0	0.0	0.0	0.0
800	8	-2.51e-04	4.93e-03	-1.68e-03	-2.36e-05	-4.85e-06	-1.38e-05
800	22	-2.57e-04	4.71e-03	-1.56e-03	-2.30e-05	-4.38e-06	-1.24e-05
800	32	-1.92e-04	3.66e-03	-1.25e-03	-1.75e-05	-3.57e-06	-1.01e-05
800	36	-1.96e-04	3.51e-03	-1.16e-03	-1.72e-05	-3.25e-06	-9.14e-06

800	37	-1.86e-04	3.20e-03	-1.09e-03	-1.55e-05	-3.08e-06	-8.36e-06
801	7	-2.96e-04	5.77e-03	-2.02e-03	-2.33e-05	-3.28e-06	-1.74e-05
801	8	-3.02e-04	5.90e-03	-2.02e-03	-2.40e-05	-3.26e-06	-1.73e-05
801	31	-2.25e-04	4.29e-03	-1.49e-03	-1.74e-05	-2.41e-06	-1.27e-05
801	32	-2.29e-04	4.38e-03	-1.49e-03	-1.79e-05	-2.41e-06	-1.27e-05
801	37	-2.17e-04	3.84e-03	-1.30e-03	-1.58e-05	-2.09e-06	-1.06e-05
802	8	-2.19e-04	3.97e-03	-1.46e-03	-2.33e-05	-4.11e-06	-9.61e-06
802	21	-2.30e-04	3.56e-03	-1.27e-03	-2.15e-05	-3.43e-06	-7.92e-06
802	32	-1.68e-04	2.94e-03	-1.08e-03	-1.73e-05	-3.01e-06	-6.99e-06
802	35	-1.76e-04	2.67e-03	-9.57e-04	-1.62e-05	-2.56e-06	-5.87e-06
802	37	-1.65e-04	2.57e-03	-9.56e-04	-1.53e-05	-2.58e-06	-5.74e-06
803	8	-1.83e-04	3.03e-03	-1.24e-03	-2.27e-05	-3.40e-06	-6.10e-06
803	21	-1.96e-04	2.70e-03	-1.09e-03	-2.07e-05	-2.85e-06	-5.08e-06
803	32	-1.41e-04	2.24e-03	-9.19e-04	-1.68e-05	-2.49e-06	-4.43e-06
803	35	-1.50e-04	2.02e-03	-8.21e-04	-1.55e-05	-2.12e-06	-3.75e-06
803	37	-1.40e-04	1.96e-03	-8.19e-04	-1.48e-05	-2.11e-06	-3.58e-06
804	8	-1.38e-04	2.12e-03	-1.01e-03	-2.12e-05	-2.64e-06	-3.44e-06
804	21	-1.51e-04	1.88e-03	-8.97e-04	-1.91e-05	-2.24e-06	-2.91e-06
804	32	-1.07e-04	1.57e-03	-7.51e-04	-1.57e-05	-1.94e-06	-2.49e-06
804	35	-1.16e-04	1.41e-03	-6.77e-04	-1.43e-05	-1.67e-06	-2.14e-06
804	37	-1.07e-04	1.37e-03	-6.74e-04	-1.38e-05	-1.63e-06	-1.97e-06
805	8	-8.95e-05	1.31e-03	-7.72e-04	-1.84e-05	-1.89e-06	-1.62e-06
805	21	-1.02e-04	1.15e-03	-6.92e-04	-1.64e-05	-1.62e-06	-1.41e-06
805	32	-6.99e-05	9.67e-04	-5.76e-04	-1.37e-05	-1.38e-06	-1.17e-06
805	35	-7.84e-05	8.61e-04	-5.23e-04	-1.23e-05	-1.20e-06	-1.03e-06
805	37	-7.15e-05	8.40e-04	-5.20e-04	-1.19e-05	-1.15e-06	0.0
806	8	-4.64e-05	6.36e-04	-5.26e-04	-1.41e-05	-1.16e-06	0.0
806	21	-5.67e-05	5.54e-04	-4.75e-04	-1.24e-05	-1.01e-06	0.0
806	32	-3.68e-05	4.69e-04	-3.93e-04	-1.05e-05	0.0	0.0
806	35	-4.37e-05	4.15e-04	-3.59e-04	-9.32e-06	0.0	0.0
806	37	-3.91e-05	4.07e-04	-3.57e-04	-9.09e-06	0.0	0.0
807	8	-1.52e-05	1.74e-04	-2.70e-04	-8.03e-06	0.0	0.0
807	21	-2.15e-05	1.51e-04	-2.45e-04	-7.00e-06	0.0	0.0
807	32	-1.25e-05	1.29e-04	-2.02e-04	-5.93e-06	0.0	0.0
807	35	-1.67e-05	1.13e-04	-1.86e-04	-5.24e-06	0.0	0.0
807	37	-1.44e-05	1.11e-04	-1.85e-04	-5.15e-06	0.0	0.0
808	1	0.0	0.0	0.0	0.0	0.0	0.0
808	25	0.0	0.0	0.0	0.0	0.0	0.0
808	37	0.0	0.0	0.0	0.0	0.0	0.0
809	8	-1.35e-04	4.43e-03	-1.67e-03	-1.97e-05	3.41e-06	-1.49e-05
809	21	-1.64e-04	4.04e-03	-1.44e-03	-1.88e-05	2.65e-06	-1.22e-05
809	32	-1.07e-04	3.29e-03	-1.23e-03	-1.47e-05	2.49e-06	-1.09e-05
809	35	-1.27e-04	3.03e-03	-1.09e-03	-1.41e-05	1.98e-06	-9.08e-06
809	37	-1.15e-04	2.90e-03	-1.09e-03	-1.31e-05	2.11e-06	-9.06e-06
810	7	-1.46e-04	5.09e-03	-2.01e-03	-1.90e-05	1.77e-06	-1.90e-05
810	8	-1.52e-04	5.22e-03	-2.01e-03	-1.98e-05	1.70e-06	-1.90e-05
810	21	-1.70e-04	4.81e-03	-1.72e-03	-1.90e-05	1.27e-06	-1.55e-05
810	31	-1.15e-04	3.80e-03	-1.48e-03	-1.43e-05	1.28e-06	-1.39e-05
810	32	-1.19e-04	3.88e-03	-1.48e-03	-1.48e-05	1.24e-06	-1.39e-05
810	35	-1.31e-04	3.61e-03	-1.29e-03	-1.42e-05	0.0	-1.16e-05
810	37	-1.23e-04	3.43e-03	-1.29e-03	-1.32e-05	1.05e-06	-1.16e-05
811	8	-1.31e-04	3.62e-03	-1.45e-03	-2.00e-05	2.47e-06	-1.02e-05
811	21	-1.63e-04	3.28e-03	-1.27e-03	-1.89e-05	1.86e-06	-8.45e-06
811	32	-1.05e-04	2.69e-03	-1.07e-03	-1.49e-05	1.79e-06	-7.46e-06
811	35	-1.26e-04	2.46e-03	-9.54e-04	-1.42e-05	1.39e-06	-6.27e-06
811	37	-1.14e-04	2.37e-03	-9.52e-04	-1.33e-05	1.48e-06	-6.15e-06
812	8	-1.15e-04	2.81e-03	-1.23e-03	-2.01e-05	1.66e-06	-6.46e-06
812	21	-1.46e-04	2.52e-03	-1.09e-03	-1.86e-05	1.24e-06	-5.40e-06
812	32	-9.25e-05	2.08e-03	-9.17e-04	-1.50e-05	1.20e-06	-4.70e-06
812	35	-1.13e-04	1.89e-03	-8.22e-04	-1.40e-05	0.0	-4.00e-06
812	37	-1.01e-04	1.83e-03	-8.19e-04	-1.33e-05	0.0	-3.83e-06
813	8	-8.50e-05	2.00e-03	-1.01e-03	-1.94e-05	0.0	-3.65e-06
813	21	-1.12e-04	1.78e-03	-9.01e-04	-1.76e-05	0.0	-3.12e-06
813	32	-6.88e-05	1.48e-03	-7.52e-04	-1.44e-05	0.0	-2.65e-06
813	35	-8.71e-05	1.33e-03	-6.80e-04	-1.32e-05	0.0	-2.30e-06
813	37	-7.67e-05	1.30e-03	-6.76e-04	-1.27e-05	0.0	-2.14e-06
814	8	-4.88e-05	1.25e-03	-7.73e-04	-1.73e-05	0.0	-1.74e-06
814	21	-7.11e-05	1.10e-03	-6.95e-04	-1.54e-05	0.0	-1.52e-06
814	32	-4.06e-05	9.27e-04	-5.77e-04	-1.28e-05	0.0	-1.26e-06
814	35	-5.54e-05	8.26e-04	-5.25e-04	-1.16e-05	0.0	-1.12e-06
814	37	-4.77e-05	8.10e-04	-5.22e-04	-1.12e-05	0.0	0.0
815	8	-1.77e-05	6.19e-04	-5.26e-04	-1.35e-05	0.0	0.0
815	21	-3.40e-05	5.39e-04	-4.76e-04	-1.19e-05	0.0	0.0
815	32	-1.60e-05	4.57e-04	-3.93e-04	-1.00e-05	0.0	0.0
815	35	-2.68e-05	4.04e-04	-3.60e-04	-8.93e-06	0.0	0.0
815	37	-2.19e-05	3.98e-04	-3.58e-04	-8.74e-06	0.0	0.0
816	8	0.0	1.73e-04	-2.69e-04	-7.85e-06	0.0	0.0

816	23	-9.71e-06	1.09e-04	-1.83e-04	-4.99e-06	0.0	0.0
816	32	-1.38e-06	1.28e-04	-2.02e-04	-5.80e-06	0.0	0.0
816	35	-7.45e-06	1.12e-04	-1.86e-04	-5.12e-06	0.0	0.0
816	37	-5.10e-06	1.11e-04	-1.85e-04	-5.05e-06	0.0	0.0
817	1	0.0	0.0	0.0	0.0	0.0	0.0
817	25	0.0	0.0	0.0	0.0	0.0	0.0
817	37	0.0	0.0	0.0	0.0	0.0	0.0
818	8	-1.57e-05	3.88e-03	-1.66e-03	-1.47e-05	0.0	-1.63e-05
818	23	-7.10e-05	2.71e-03	-1.05e-03	-1.15e-05	0.0	-9.45e-06
818	32	-2.08e-05	2.89e-03	-1.23e-03	-1.11e-05	0.0	-1.19e-05
818	35	-5.75e-05	2.70e-03	-1.08e-03	-1.11e-05	0.0	-9.89e-06
818	37	-4.39e-05	2.57e-03	-1.08e-03	-9.97e-06	0.0	-9.87e-06
819	8	2.32e-05	4.47e-03	-2.00e-03	-1.46e-05	0.0	-2.10e-05
819	23	-2.97e-05	3.18e-03	-1.24e-03	-1.15e-05	0.0	-1.22e-05
819	32	9.97e-06	3.34e-03	-1.47e-03	-1.09e-05	0.0	-1.53e-05
819	35	-2.00e-05	3.15e-03	-1.29e-03	-1.10e-05	0.0	-1.28e-05
819	37	-1.22e-05	2.97e-03	-1.29e-03	-9.83e-06	0.0	-1.28e-05
820	8	-4.99e-05	3.26e-03	-1.44e-03	-1.60e-05	0.0	-1.11e-05
820	21	-1.06e-04	2.97e-03	-1.27e-03	-1.57e-05	0.0	-9.16e-06
820	32	-4.66e-05	2.42e-03	-1.07e-03	-1.20e-05	0.0	-8.10e-06
820	35	-8.37e-05	2.23e-03	-9.58e-04	-1.18e-05	0.0	-6.79e-06
820	37	-6.75e-05	2.15e-03	-9.55e-04	-1.08e-05	0.0	-6.69e-06
821	8	-5.42e-05	2.58e-03	-1.24e-03	-1.71e-05	0.0	-7.13e-06
821	21	-1.04e-04	2.32e-03	-1.10e-03	-1.62e-05	0.0	-5.98e-06
821	32	-4.88e-05	1.91e-03	-9.20e-04	-1.28e-05	0.0	-5.20e-06
821	35	-8.19e-05	1.74e-03	-8.29e-04	-1.22e-05	0.0	-4.43e-06
821	37	-6.67e-05	1.69e-03	-8.25e-04	-1.14e-05	0.0	-4.28e-06
822	8	-3.45e-05	1.87e-03	-1.01e-03	-1.72e-05	0.0	-4.21e-06
822	21	-7.55e-05	1.66e-03	-9.08e-04	-1.58e-05	0.0	-3.59e-06
822	32	-3.25e-05	1.39e-03	-7.55e-04	-1.28e-05	0.0	-3.07e-06
822	35	-5.98e-05	1.25e-03	-6.85e-04	-1.19e-05	0.0	-2.66e-06
822	37	-4.76e-05	1.22e-03	-6.81e-04	-1.14e-05	0.0	-2.52e-06
823	8	-7.09e-06	1.19e-03	-7.74e-04	-1.59e-05	0.0	-2.16e-06
823	23	-3.93e-05	7.68e-04	-5.18e-04	-1.06e-05	0.0	-1.37e-06
823	32	-1.03e-05	8.82e-04	-5.78e-04	-1.18e-05	0.0	-1.57e-06
823	35	-3.13e-05	7.85e-04	-5.28e-04	-1.07e-05	0.0	-1.37e-06
823	37	-2.27e-05	7.73e-04	-5.24e-04	-1.04e-05	0.0	-1.28e-06
824	7	1.74e-05	5.95e-04	-5.23e-04	-1.26e-05	0.0	0.0
824	8	1.36e-05	5.98e-04	-5.25e-04	-1.27e-05	0.0	0.0
824	31	9.48e-06	4.40e-04	-3.91e-04	-9.37e-06	0.0	0.0
824	32	6.90e-06	4.42e-04	-3.93e-04	-9.44e-06	0.0	0.0
824	37	-2.55e-06	3.86e-04	-3.58e-04	-8.29e-06	0.0	0.0
825	7	1.92e-05	1.71e-04	-2.67e-04	-7.55e-06	0.0	0.0
825	8	1.74e-05	1.71e-04	-2.68e-04	-7.58e-06	0.0	0.0
825	31	1.26e-05	1.26e-04	-2.00e-04	-5.59e-06	0.0	0.0
825	32	1.14e-05	1.26e-04	-2.01e-04	-5.60e-06	0.0	0.0
825	37	5.96e-06	1.10e-04	-1.84e-04	-4.90e-06	0.0	0.0
826	1	0.0	0.0	0.0	0.0	0.0	0.0
826	25	0.0	0.0	0.0	0.0	0.0	0.0
826	37	0.0	0.0	0.0	0.0	0.0	0.0
827	7	1.15e-04	3.18e-03	-1.67e-03	-8.31e-06	0.0	-1.79e-05
827	8	1.02e-04	3.28e-03	-1.67e-03	-9.22e-06	0.0	-1.79e-05
827	31	7.28e-05	2.39e-03	-1.24e-03	-6.42e-06	0.0	-1.31e-05
827	32	6.41e-05	2.46e-03	-1.24e-03	-7.03e-06	0.0	-1.30e-05
827	37	2.46e-05	2.21e-03	-1.10e-03	-6.52e-06	0.0	-1.08e-05
828	7	2.34e-04	3.50e-03	-2.01e-03	-7.36e-06	0.0	-2.35e-05
828	8	2.29e-04	3.64e-03	-2.01e-03	-8.30e-06	0.0	-2.34e-05
828	31	1.65e-04	2.63e-03	-1.48e-03	-5.70e-06	0.0	-1.72e-05
828	32	1.61e-04	2.72e-03	-1.48e-03	-6.32e-06	0.0	-1.71e-05
828	37	1.18e-04	2.45e-03	-1.30e-03	-5.80e-06	0.0	-1.44e-05
829	8	2.15e-05	2.85e-03	-1.46e-03	-1.20e-05	0.0	-1.24e-05
829	23	-7.06e-05	1.99e-03	-9.54e-04	-9.90e-06	0.0	-7.25e-06
829	32	3.88e-06	2.13e-03	-1.09e-03	-9.06e-06	0.0	-9.02e-06
829	35	-5.03e-05	1.99e-03	-9.76e-04	-9.41e-06	0.0	-7.55e-06
829	37	-2.93e-05	1.90e-03	-9.71e-04	-8.36e-06	0.0	-7.48e-06
830	8	2.37e-06	2.31e-03	-1.25e-03	-1.41e-05	0.0	-8.43e-06
830	23	-7.17e-05	1.56e-03	-8.25e-04	-1.06e-05	0.0	-5.06e-06
830	32	-8.61e-06	1.72e-03	-9.29e-04	-1.06e-05	0.0	-6.16e-06
830	35	-5.43e-05	1.58e-03	-8.42e-04	-1.04e-05	0.0	-5.23e-06
830	37	-3.57e-05	1.53e-03	-8.36e-04	-9.65e-06	0.0	-5.13e-06
831	8	1.67e-05	1.71e-03	-1.02e-03	-1.50e-05	0.0	-5.42e-06
831	23	-4.52e-05	1.13e-03	-6.78e-04	-1.05e-05	0.0	-3.26e-06
831	32	4.42e-06	1.27e-03	-7.58e-04	-1.12e-05	0.0	-3.96e-06
831	35	-3.17e-05	1.15e-03	-6.91e-04	-1.05e-05	0.0	-3.37e-06
831	37	-1.77e-05	1.12e-03	-6.86e-04	-1.00e-05	0.0	-3.30e-06
832	7	4.52e-05	1.10e-03	-7.69e-04	-1.41e-05	0.0	-3.10e-06
832	8	3.82e-05	1.11e-03	-7.72e-04	-1.43e-05	0.0	-3.12e-06

832	31	2.75e-05	8.14e-04	-5.75e-04	-1.05e-05	0.0	-2.26e-06
832	32	2.29e-05	8.19e-04	-5.77e-04	-1.06e-05	0.0	-2.28e-06
832	37	5.20e-06	7.22e-04	-5.25e-04	-9.44e-06	0.0	-1.89e-06
833	7	5.30e-05	5.61e-04	-5.19e-04	-1.17e-05	0.0	-1.45e-06
833	8	4.91e-05	5.63e-04	-5.21e-04	-1.18e-05	0.0	-1.45e-06
833	31	3.57e-05	4.15e-04	-3.89e-04	-8.66e-06	0.0	-1.06e-06
833	32	3.31e-05	4.16e-04	-3.90e-04	-8.71e-06	0.0	-1.06e-06
833	37	2.02e-05	3.66e-04	-3.56e-04	-7.69e-06	0.0	0.0
834	7	3.95e-05	1.64e-04	-2.64e-04	-7.10e-06	0.0	0.0
834	8	3.79e-05	1.64e-04	-2.65e-04	-7.12e-06	0.0	0.0
834	31	2.77e-05	1.21e-04	-1.98e-04	-5.25e-06	0.0	0.0
834	32	2.67e-05	1.21e-04	-1.98e-04	-5.27e-06	0.0	0.0
834	37	1.94e-05	1.06e-04	-1.82e-04	-4.63e-06	0.0	0.0
835	1	0.0	0.0	0.0	0.0	0.0	0.0
835	25	0.0	0.0	0.0	0.0	0.0	0.0
835	37	0.0	0.0	0.0	0.0	0.0	0.0
836	7	2.23e-04	2.53e-03	-1.72e-03	-1.44e-06	-7.56e-06	-2.00e-05
836	8	2.05e-04	2.63e-03	-1.73e-03	-2.39e-06	-7.62e-06	-1.99e-05
836	22	1.28e-04	2.65e-03	-1.62e-03	-4.06e-06	-7.10e-06	-1.77e-05
836	31	1.49e-04	1.91e-03	-1.28e-03	-1.38e-06	-5.60e-06	-1.46e-05
836	32	1.37e-04	1.98e-03	-1.28e-03	-2.02e-06	-5.63e-06	-1.45e-05
836	36	8.57e-05	1.99e-03	-1.21e-03	-3.13e-06	-5.29e-06	-1.31e-05
836	37	7.95e-05	1.81e-03	-1.15e-03	-2.23e-06	-4.92e-06	-1.21e-05
837	7	4.73e-04	2.55e-03	-2.06e-03	2.30e-06	-2.76e-05	-2.76e-05
837	8	4.70e-04	2.69e-03	-2.07e-03	1.47e-06	-1.31e-05	-2.75e-05
837	22	4.10e-04	2.78e-03	-1.92e-03	0.0	-1.31e-05	-2.47e-05
837	31	3.41e-04	1.94e-03	-1.53e-03	1.52e-06	-9.66e-06	-2.02e-05
837	32	3.39e-04	2.03e-03	-1.53e-03	0.0	-9.91e-06	-2.01e-05
837	36	2.99e-04	2.09e-03	-1.43e-03	0.0	-9.88e-06	-1.82e-05
837	37	2.73e-04	1.87e-03	-1.35e-03	0.0	-9.17e-06	-1.69e-05
838	7	1.03e-04	2.33e-03	-1.49e-03	-7.21e-06	-3.46e-06	-1.44e-05
838	8	8.25e-05	2.39e-03	-1.50e-03	-8.03e-06	-3.49e-06	-1.44e-05
838	31	6.00e-05	1.75e-03	-1.11e-03	-5.67e-06	-2.52e-06	-1.05e-05
838	32	4.63e-05	1.79e-03	-1.12e-03	-6.22e-06	-2.54e-06	-1.05e-05
838	37	0.0	1.62e-03	-1.01e-03	-6.05e-06	-2.09e-06	-8.82e-06
839	7	7.71e-05	1.95e-03	-1.25e-03	-1.06e-05	-3.10e-06	-1.09e-05
839	8	6.06e-05	1.98e-03	-1.26e-03	-1.11e-05	-3.16e-06	-1.09e-05
839	31	4.40e-05	1.46e-03	-9.35e-04	-8.05e-06	-2.29e-06	-7.99e-06
839	32	3.30e-05	1.48e-03	-9.39e-04	-8.41e-06	-2.33e-06	-7.97e-06
839	37	-2.98e-06	1.33e-03	-8.49e-04	-7.81e-06	-2.00e-06	-6.72e-06
840	7	8.52e-05	1.47e-03	-1.00e-03	-1.22e-05	-2.93e-06	-7.83e-06
840	8	7.36e-05	1.49e-03	-1.01e-03	-1.25e-05	-2.97e-06	-7.76e-06
840	31	5.36e-05	1.10e-03	-7.50e-04	-9.13e-06	-2.16e-06	-5.71e-06
840	32	4.59e-05	1.11e-03	-7.53e-04	-9.35e-06	-2.19e-06	-5.67e-06
840	37	1.70e-05	9.88e-04	-6.83e-04	-8.48e-06	-1.88e-06	-4.77e-06
841	7	9.72e-05	9.64e-04	-7.56e-04	-1.21e-05	-2.62e-06	-5.05e-06
841	8	8.99e-05	9.72e-04	-7.58e-04	-1.23e-05	-2.63e-06	-4.97e-06
841	31	6.57e-05	7.17e-04	-5.65e-04	-9.02e-06	-1.93e-06	-3.68e-06
841	32	6.09e-05	7.22e-04	-5.67e-04	-9.15e-06	-1.93e-06	-3.62e-06
841	37	3.80e-05	6.40e-04	-5.16e-04	-8.19e-06	-1.65e-06	-3.04e-06
842	7	9.42e-05	4.95e-04	-5.07e-04	-1.01e-05	-2.14e-06	-2.70e-06
842	8	9.04e-05	4.97e-04	-5.08e-04	-1.02e-05	-2.12e-06	-2.63e-06
842	31	6.63e-05	3.67e-04	-3.79e-04	-7.54e-06	-1.56e-06	-1.96e-06
842	32	6.38e-05	3.69e-04	-3.80e-04	-7.61e-06	-1.55e-06	-1.92e-06
842	37	4.73e-05	3.26e-04	-3.47e-04	-6.76e-06	-1.31e-06	-1.61e-06
843	7	6.35e-05	1.45e-04	-2.56e-04	-6.15e-06	-1.42e-06	0.0
843	8	6.22e-05	1.46e-04	-2.57e-04	-6.19e-06	-1.39e-06	0.0
843	31	4.56e-05	1.08e-04	-1.92e-04	-4.57e-06	-1.04e-06	0.0
843	32	4.48e-05	1.08e-04	-1.92e-04	-4.59e-06	-1.02e-06	0.0
843	37	3.58e-05	9.48e-05	-1.77e-04	-4.06e-06	0.0	0.0
844	1	0.0	0.0	0.0	0.0	0.0	0.0
844	25	0.0	0.0	0.0	0.0	0.0	0.0
844	37	0.0	0.0	0.0	0.0	0.0	0.0
845	7	2.90e-04	1.85e-03	-1.88e-03	6.37e-06	5.68e-06	-2.11e-05
845	8	2.61e-04	1.96e-03	-1.90e-03	5.45e-06	5.88e-06	-2.10e-05
845	22	1.53e-04	2.06e-03	-1.81e-03	3.21e-06	5.84e-06	-1.91e-05
845	31	1.92e-04	1.42e-03	-1.41e-03	4.38e-06	4.28e-06	-1.55e-05
845	32	1.73e-04	1.49e-03	-1.42e-03	3.77e-06	4.41e-06	-1.55e-05
845	36	1.01e-04	1.56e-03	-1.35e-03	2.28e-06	4.38e-06	-1.42e-05
845	37	9.69e-05	1.41e-03	-1.28e-03	2.79e-06	3.99e-06	-1.32e-05
846	8	7.51e-04	1.62e-03	-2.30e-03	2.77e-05	9.81e-05	-3.36e-05
846	21	6.19e-04	1.84e-03	-2.05e-03	2.61e-05	1.03e-04	-2.96e-05
846	32	5.48e-04	1.25e-03	-1.71e-03	2.09e-05	7.51e-05	-2.48e-05
846	35	4.60e-04	1.40e-03	-1.54e-03	1.99e-05	7.83e-05	-2.22e-05
846	37	4.56e-04	1.20e-03	-1.53e-03	1.96e-05	7.23e-05	-2.17e-05
847	7	1.77e-04	1.77e-03	-1.54e-03	-4.58e-06	1.49e-06	-1.84e-05
847	8	1.52e-04	1.84e-03	-1.55e-03	-5.36e-06	1.62e-06	-1.82e-05

847	22	6.39e-05	1.85e-03	-1.48e-03	-6.71e-06	1.71e-06	-1.62e-05
847	31	1.12e-04	1.34e-03	-1.15e-03	-3.75e-06	1.13e-06	-1.34e-05
847	32	9.51e-05	1.38e-03	-1.16e-03	-4.27e-06	1.21e-06	-1.33e-05
847	36	3.65e-05	1.39e-03	-1.11e-03	-5.16e-06	1.27e-06	-1.20e-05
847	37	3.76e-05	1.28e-03	-1.05e-03	-4.43e-06	1.08e-06	-1.13e-05
848	7	1.51e-04	1.50e-03	-1.24e-03	-8.12e-06	2.03e-06	-1.56e-05
848	8	1.33e-04	1.54e-03	-1.24e-03	-8.61e-06	2.06e-06	-1.53e-05
848	31	9.79e-05	1.13e-03	-9.25e-04	-6.24e-06	1.49e-06	-1.14e-05
848	32	8.56e-05	1.15e-03	-9.28e-04	-6.57e-06	1.51e-06	-1.12e-05
848	37	4.09e-05	1.05e-03	-8.41e-04	-6.24e-06	1.30e-06	-9.48e-06
849	7	1.54e-04	1.14e-03	-9.67e-04	-9.61e-06	2.42e-06	-1.23e-05
849	8	1.41e-04	1.16e-03	-9.69e-04	-9.93e-06	2.38e-06	-1.20e-05
849	31	1.04e-04	8.52e-04	-7.22e-04	-7.27e-06	1.76e-06	-8.92e-06
849	32	9.55e-05	8.67e-04	-7.24e-04	-7.48e-06	1.74e-06	-8.72e-06
849	37	5.98e-05	7.85e-04	-6.57e-04	-6.89e-06	1.45e-06	-7.35e-06
850	7	1.56e-04	7.40e-04	-7.18e-04	-9.64e-06	2.56e-06	-8.41e-06
850	8	1.48e-04	7.53e-04	-7.18e-04	-9.85e-06	2.49e-06	-8.17e-06
850	31	1.09e-04	5.54e-04	-5.36e-04	-7.24e-06	1.85e-06	-6.11e-06
850	32	1.04e-04	5.62e-04	-5.37e-04	-7.38e-06	1.81e-06	-5.95e-06
850	37	7.61e-05	5.06e-04	-4.88e-04	-6.70e-06	1.51e-06	-5.00e-06
851	7	1.41e-04	3.72e-04	-4.81e-04	-8.06e-06	2.27e-06	-4.63e-06
851	8	1.37e-04	3.79e-04	-4.80e-04	-8.20e-06	2.19e-06	-4.48e-06
851	31	1.01e-04	2.78e-04	-3.59e-04	-6.03e-06	1.64e-06	-3.36e-06
851	32	9.83e-05	2.83e-04	-3.59e-04	-6.13e-06	1.59e-06	-3.26e-06
851	37	7.82e-05	2.54e-04	-3.27e-04	-5.52e-06	1.32e-06	-2.74e-06
852	7	9.13e-05	1.03e-04	-2.44e-04	-4.71e-06	1.58e-06	-1.65e-06
852	8	9.03e-05	1.05e-04	-2.43e-04	-4.79e-06	1.52e-06	-1.59e-06
852	31	6.65e-05	7.70e-05	-1.82e-04	-3.52e-06	1.14e-06	-1.20e-06
852	32	6.58e-05	7.83e-05	-1.82e-04	-3.57e-06	1.10e-06	-1.15e-06
852	37	5.50e-05	7.00e-05	-1.66e-04	-3.21e-06	0.0	0.0
853	1	0.0	0.0	0.0	0.0	0.0	0.0
853	25	0.0	0.0	0.0	0.0	0.0	0.0
853	37	0.0	0.0	0.0	0.0	0.0	0.0
854	7	1.74e-03	4.65e-03	5.67e-03	5.91e-05	-7.11e-05	4.65e-04
854	8	1.75e-03	4.45e-03	3.61e-03	7.38e-05	-5.60e-05	4.34e-04
854	31	1.27e-03	3.34e-03	3.23e-03	5.27e-05	-4.65e-05	3.27e-04
854	32	1.28e-03	3.21e-03	1.85e-03	6.25e-05	-3.64e-05	3.07e-04
854	37	1.08e-03	2.60e-03	-2.55e-04	7.48e-05	-2.13e-05	2.35e-04
855	8	4.42e-03	8.24e-03	0.08	3.32e-04	-9.38e-04	-6.84e-04
855	32	3.24e-03	6.15e-03	0.06	2.44e-04	-6.96e-04	-5.10e-04
855	37	2.73e-03	5.52e-03	0.05	2.12e-04	-6.12e-04	-4.52e-04
856	7	4.28e-04	4.28e-03	7.13e-03	3.69e-05	-1.08e-04	1.27e-05
856	22	5.13e-04	3.57e-03	1.76e-03	6.89e-05	-5.01e-05	6.13e-06
856	31	3.25e-04	3.11e-03	4.61e-03	3.30e-05	-7.32e-05	8.61e-06
856	36	3.81e-04	2.64e-03	1.02e-03	5.43e-05	-3.45e-05	4.27e-06
856	37	3.13e-04	2.55e-03	1.90e-03	4.71e-05	-4.26e-05	5.17e-06
857	7	-4.55e-04	3.88e-03	8.30e-03	3.52e-05	-1.08e-04	1.29e-05
857	31	-3.18e-04	2.85e-03	5.65e-03	2.93e-05	-7.48e-05	8.92e-06
857	37	-2.21e-04	2.43e-03	3.40e-03	3.62e-05	-4.88e-05	5.82e-06
858	7	-1.03e-03	3.60e-03	0.01	6.08e-05	-1.24e-04	1.48e-05
858	31	-7.39e-04	2.66e-03	7.13e-03	4.70e-05	-8.79e-05	1.05e-05
858	37	-5.82e-04	2.34e-03	5.05e-03	4.77e-05	-6.41e-05	7.64e-06
859	7	-1.34e-03	3.51e-03	0.01	1.04e-04	-1.59e-04	1.89e-05
859	8	-1.27e-03	3.53e-03	0.01	1.09e-04	-1.51e-04	1.80e-05
859	31	-9.69e-04	2.61e-03	9.70e-03	7.85e-05	-1.14e-04	1.36e-05
859	32	-9.26e-04	2.63e-03	9.20e-03	8.17e-05	-1.09e-04	1.30e-05
859	37	-7.91e-04	2.35e-03	7.56e-03	7.39e-05	-9.03e-05	1.08e-05
860	7	-1.37e-03	3.66e-03	0.02	1.59e-04	-2.17e-04	2.29e-05
860	8	-1.32e-03	3.72e-03	0.02	1.65e-04	-2.11e-04	2.21e-05
860	31	-1.00e-03	2.74e-03	0.01	1.19e-04	-1.58e-04	1.66e-05
860	32	-9.66e-04	2.78e-03	0.01	1.23e-04	-1.54e-04	1.61e-05
860	37	-8.41e-04	2.51e-03	0.01	1.10e-04	-1.31e-04	1.36e-05
861	7	-1.11e-03	4.08e-03	0.03	2.25e-04	-3.00e-04	3.99e-05
861	8	-1.06e-03	4.18e-03	0.03	2.31e-04	-2.98e-04	3.97e-05
861	31	-8.16e-04	3.07e-03	0.02	1.68e-04	-2.21e-04	2.94e-05
861	32	-7.87e-04	3.13e-03	0.02	1.73e-04	-2.19e-04	2.93e-05
861	37	-7.05e-04	2.84e-03	0.02	1.53e-04	-1.89e-04	2.53e-05
862	7	-4.89e-04	4.80e-03	0.04	2.95e-04	-4.13e-04	4.93e-05
862	8	-4.59e-04	4.93e-03	0.04	3.03e-04	-4.14e-04	4.94e-05
862	31	-3.68e-04	3.61e-03	0.03	2.20e-04	-3.05e-04	3.64e-05
862	32	-3.48e-04	3.70e-03	0.03	2.25e-04	-3.06e-04	3.65e-05
862	37	-3.44e-04	3.35e-03	0.02	2.00e-04	-2.66e-04	3.17e-05
863	8	5.87e-04	5.95e-03	0.05	3.61e-04	-5.54e-04	6.61e-05
863	32	4.17e-04	4.46e-03	0.04	2.69e-04	-4.10e-04	4.89e-05
863	37	3.00e-04	4.03e-03	0.03	2.37e-04	-3.59e-04	4.28e-05
864	8	2.19e-03	7.11e-03	0.07	3.72e-04	-7.07e-04	8.42e-05
864	32	1.60e-03	5.32e-03	0.05	2.76e-04	-5.24e-04	6.24e-05

864	37	1.31e-03	4.80e-03	0.04	2.42e-04	-4.59e-04	5.47e-05
865	7	4.23e-03	5.14e-03	0.02	4.10e-05	-1.03e-03	-1.23e-03
865	8	4.28e-03	5.27e-03	0.02	2.58e-05	-1.05e-03	-1.26e-03
865	31	3.10e-03	3.85e-03	0.02	2.59e-05	-7.68e-04	-9.18e-04
865	32	3.13e-03	3.94e-03	0.02	1.57e-05	-7.78e-04	-9.41e-04
865	37	2.64e-03	3.55e-03	0.01	8.56e-06	-6.84e-04	-8.34e-04
866	8	4.34e-03	6.82e-03	0.05	2.03e-04	-9.47e-04	-9.09e-04
866	32	3.18e-03	5.09e-03	0.04	1.48e-04	-7.02e-04	-6.78e-04
866	37	2.68e-03	4.57e-03	0.03	1.26e-04	-6.17e-04	-6.01e-04
867	7	1.66e-03	2.91e-03	1.57e-03	8.79e-05	-4.19e-05	5.62e-04
867	8	1.67e-03	2.82e-03	1.48e-04	1.01e-04	-2.68e-05	5.27e-04
867	23	1.02e-03	1.42e-03	-5.10e-03	1.19e-04	3.39e-05	1.98e-04
867	31	1.22e-03	2.10e-03	4.75e-04	7.30e-05	-2.47e-05	3.97e-04
867	32	1.23e-03	2.04e-03	-4.71e-04	8.17e-05	-1.46e-05	3.74e-04
867	35	1.05e-03	1.57e-03	-3.66e-03	1.07e-04	1.86e-05	2.45e-04
867	37	1.04e-03	1.69e-03	-1.77e-03	8.96e-05	-1.48e-06	2.90e-04
868	8	1.51e-03	1.48e-03	-2.42e-03	1.42e-04	0.0	5.61e-04
868	21	1.29e-03	1.31e-03	-4.71e-03	1.68e-04	4.41e-05	3.36e-04
868	32	1.11e-03	1.09e-03	-2.12e-03	1.11e-04	5.49e-06	3.96e-04
868	35	9.63e-04	9.86e-04	-3.64e-03	1.29e-04	3.44e-05	2.46e-04
868	37	9.40e-04	9.62e-04	-2.64e-03	1.14e-04	1.58e-05	3.01e-04
869	8	2.02e-03	4.69e-03	0.02	1.32e-04	-7.14e-04	8.51e-05
869	32	1.47e-03	3.52e-03	0.01	9.73e-05	-5.29e-04	6.31e-05
869	37	1.20e-03	3.18e-03	0.01	8.45e-05	-4.64e-04	5.53e-05
870	8	4.81e-04	3.80e-03	0.01	1.38e-04	-5.38e-04	6.41e-05
870	32	3.38e-04	2.86e-03	0.01	1.03e-04	-3.98e-04	4.74e-05
870	37	2.32e-04	2.60e-03	9.26e-03	9.04e-05	-3.48e-04	4.15e-05
871	7	-5.72e-04	2.98e-03	0.01	1.08e-04	-3.87e-04	4.61e-05
871	22	-4.82e-04	3.10e-03	9.25e-03	1.07e-04	-3.59e-04	4.28e-05
871	31	-4.29e-04	2.25e-03	7.46e-03	8.05e-05	-2.86e-04	3.41e-05
871	36	-3.69e-04	2.33e-03	6.87e-03	7.99e-05	-2.68e-04	3.19e-05
871	37	-3.95e-04	2.13e-03	6.42e-03	7.29e-05	-2.50e-04	2.98e-05
872	7	-1.19e-03	2.49e-03	6.97e-03	8.01e-05	-4.11e-04	4.11e-05
872	22	-9.98e-04	2.60e-03	6.07e-03	8.00e-05	-2.46e-04	3.79e-05
872	31	-8.73e-04	1.88e-03	5.09e-03	5.98e-05	-2.02e-04	3.03e-05
872	36	-7.48e-04	1.96e-03	4.49e-03	5.98e-05	-1.83e-04	2.82e-05
872	37	-7.52e-04	1.79e-03	4.26e-03	5.44e-05	-1.73e-04	2.64e-05
873	7	-1.45e-03	2.16e-03	4.68e-03	5.68e-05	-1.96e-04	1.74e-05
873	22	-1.19e-03	2.26e-03	3.74e-03	5.71e-05	-1.67e-04	1.39e-05
873	31	-1.06e-03	1.64e-03	3.38e-03	4.25e-05	-1.43e-04	1.26e-05
873	36	-8.88e-04	1.71e-03	2.75e-03	4.27e-05	-1.24e-04	1.02e-05
873	37	-8.87e-04	1.56e-03	2.69e-03	3.87e-05	-1.19e-04	1.01e-05
874	7	-1.41e-03	1.95e-03	3.10e-03	3.81e-05	-1.41e-04	1.68e-05
874	22	-1.12e-03	2.05e-03	2.12e-03	3.88e-05	-1.10e-04	1.31e-05
874	31	-1.02e-03	1.48e-03	2.19e-03	2.86e-05	-1.02e-04	1.21e-05
874	36	-8.30e-04	1.55e-03	1.54e-03	2.90e-05	-8.11e-05	9.67e-06
874	37	-8.36e-04	1.42e-03	1.59e-03	2.63e-05	-8.10e-05	9.65e-06
875	7	-1.10e-03	1.84e-03	2.08e-03	2.39e-05	-1.09e-04	1.30e-05
875	22	-8.15e-04	1.93e-03	1.05e-03	2.58e-05	-7.42e-05	8.84e-06
875	31	-7.91e-04	1.39e-03	1.42e-03	1.82e-05	-7.70e-05	9.18e-06
875	36	-6.01e-04	1.45e-03	7.32e-04	1.94e-05	-5.40e-05	6.44e-06
875	37	-6.23e-04	1.33e-03	8.73e-04	1.74e-05	-5.69e-05	6.78e-06
876	7	-5.31e-04	1.77e-03	1.48e-03	1.75e-05	-9.18e-05	1.09e-05
876	22	-3.03e-04	1.85e-03	3.09e-04	2.24e-05	-5.06e-05	6.03e-06
876	31	-3.73e-04	1.34e-03	9.49e-04	1.39e-05	-6.34e-05	7.56e-06
876	36	-2.20e-04	1.39e-03	1.71e-04	1.72e-05	-3.60e-05	4.28e-06
876	37	-2.63e-04	1.28e-03	3.79e-04	1.52e-05	-4.13e-05	4.92e-06
877	8	3.41e-04	1.75e-03	4.08e-04	4.12e-05	-6.55e-05	8.76e-06
877	21	4.11e-04	1.69e-03	-1.10e-03	5.31e-05	-8.81e-06	3.37e-06
877	23	3.46e-04	1.29e-03	-1.33e-03	4.49e-05	1.12e-05	0.0
877	32	2.60e-04	1.31e-03	1.32e-04	3.28e-05	-4.29e-05	6.02e-06
877	35	3.07e-04	1.27e-03	-8.73e-04	4.08e-05	-5.16e-06	2.43e-06
877	37	2.35e-04	1.20e-03	-2.63e-04	3.47e-05	-2.55e-05	4.31e-06
878	8	2.09e-03	5.91e-03	0.04	2.81e-04	-7.08e-04	8.44e-05
878	32	1.52e-03	4.43e-03	0.03	2.08e-04	-5.25e-04	6.25e-05
878	37	1.25e-03	3.99e-03	0.03	1.82e-04	-4.60e-04	5.48e-05
879	8	5.01e-04	4.87e-03	0.03	2.73e-04	-5.61e-04	6.68e-05
879	32	3.52e-04	3.65e-03	0.02	2.03e-04	-4.15e-04	4.94e-05
879	37	2.44e-04	3.31e-03	0.02	1.79e-04	-3.63e-04	4.32e-05
880	7	-5.64e-04	3.87e-03	0.02	2.19e-04	-4.18e-04	4.99e-05
880	8	-5.34e-04	3.99e-03	0.02	2.25e-04	-5.00e-04	5.00e-05
880	31	-4.24e-04	2.91e-03	0.02	1.64e-04	-3.09e-04	3.68e-05
880	32	-4.04e-04	2.99e-03	0.02	1.67e-04	-3.10e-04	3.69e-05
880	37	-3.92e-04	2.72e-03	0.02	1.48e-04	-2.70e-04	3.22e-05
881	7	-1.18e-03	3.26e-03	0.02	1.65e-04	-3.03e-04	4.50e-05
881	8	-1.13e-03	3.35e-03	0.02	1.70e-04	-3.01e-04	4.50e-05
881	31	-8.66e-04	2.45e-03	0.01	1.23e-04	-2.23e-04	3.32e-05

881	32	-8.38e-04	2.52e-03	0.01	1.27e-04	-2.21e-04	3.32e-05
881	37	-7.47e-04	2.29e-03	0.01	1.12e-04	-1.91e-04	2.89e-05
882	7	-1.44e-03	2.88e-03	0.01	1.17e-04	-2.19e-04	1.98e-05
882	8	-1.38e-03	2.95e-03	0.01	1.21e-04	-2.14e-04	1.90e-05
882	31	-1.05e-03	2.17e-03	8.46e-03	8.74e-05	-1.60e-04	1.43e-05
882	32	-1.01e-03	2.21e-03	8.23e-03	9.01e-05	-1.57e-04	1.38e-05
882	37	-8.80e-04	2.01e-03	6.92e-03	8.03e-05	-1.34e-04	1.15e-05
883	7	-1.40e-03	2.71e-03	8.14e-03	7.65e-05	-1.60e-04	1.91e-05
883	8	-1.33e-03	2.76e-03	7.66e-03	7.98e-05	-1.53e-04	1.82e-05
883	31	-1.01e-03	2.03e-03	5.82e-03	5.77e-05	-1.16e-04	1.38e-05
883	32	-9.70e-04	2.06e-03	5.50e-03	5.99e-05	-1.11e-04	1.32e-05
883	37	-8.28e-04	1.87e-03	4.48e-03	5.39e-05	-9.19e-05	1.09e-05
884	7	-1.09e-03	2.69e-03	5.97e-03	4.55e-05	-1.25e-04	1.49e-05
884	8	-1.02e-03	2.72e-03	5.35e-03	4.88e-05	-1.15e-04	1.37e-05
884	31	-7.83e-04	2.01e-03	4.17e-03	3.50e-05	-8.85e-05	1.05e-05
884	32	-7.35e-04	2.03e-03	3.76e-03	3.72e-05	-8.17e-05	9.73e-06
884	37	-6.16e-04	1.82e-03	2.89e-03	3.49e-05	-6.50e-05	7.74e-06
885	7	-5.18e-04	2.79e-03	4.74e-03	2.83e-05	-1.06e-04	1.27e-05
885	8	-4.50e-04	2.80e-03	3.98e-03	3.29e-05	-9.32e-05	1.11e-05
885	31	-3.63e-04	2.07e-03	3.20e-03	2.33e-05	-7.33e-05	8.74e-06
885	32	-3.18e-04	2.07e-03	2.69e-03	2.64e-05	-6.46e-05	7.69e-06
885	37	-2.56e-04	1.84e-03	1.82e-03	2.79e-05	-4.74e-05	5.65e-06
886	7	3.54e-04	2.92e-03	3.72e-03	3.90e-05	-9.90e-05	1.18e-05
886	22	4.54e-04	2.60e-03	3.02e-04	6.42e-05	-4.00e-05	5.73e-06
886	31	2.72e-04	2.15e-03	2.32e-03	3.35e-05	-6.61e-05	8.03e-06
886	36	3.39e-04	1.93e-03	3.45e-05	5.03e-05	-2.68e-05	3.99e-06
886	37	2.71e-04	1.84e-03	6.30e-04	4.42e-05	-3.53e-05	4.83e-06
887	7	3.51e-03	-2.00e-03	-0.02	2.93e-04	-2.17e-04	8.58e-05
887	21	2.89e-03	-1.69e-03	-0.02	3.26e-04	-1.05e-04	5.70e-05
887	31	2.57e-03	-1.49e-03	-0.01	2.27e-04	-1.51e-04	6.14e-05
887	35	2.16e-03	-1.28e-03	-0.01	2.49e-04	-7.64e-05	4.22e-05
887	37	2.16e-03	-1.32e-03	-0.01	2.30e-04	-1.03e-04	4.73e-05
888	7	5.71e-03	-3.96e-03	-0.03	2.59e-04	-3.03e-04	9.44e-05
888	8	5.68e-03	-4.03e-03	-0.03	2.72e-04	-2.83e-04	9.04e-05
888	21	4.63e-03	-3.92e-03	-0.03	2.91e-04	-1.76e-04	6.40e-05
888	31	4.17e-03	-3.00e-03	-0.02	2.01e-04	-2.14e-04	6.77e-05
888	32	4.15e-03	-3.05e-03	-0.02	2.09e-04	-2.01e-04	6.51e-05
888	35	3.45e-03	-2.98e-03	-0.02	2.22e-04	-1.30e-04	4.74e-05
888	37	3.49e-03	-2.88e-03	-0.02	2.04e-04	-1.57e-04	5.26e-05
889	7	7.60e-03	-5.33e-03	-0.04	1.81e-04	-3.95e-04	1.00e-04
889	21	6.11e-03	-5.57e-03	-0.04	2.05e-04	-2.54e-04	6.92e-05
889	22	6.72e-03	-5.61e-03	-0.04	2.03e-04	-2.98e-04	7.95e-05
889	31	5.55e-03	-4.08e-03	-0.03	1.41e-04	-2.82e-04	7.21e-05
889	35	4.55e-03	-4.24e-03	-0.03	1.57e-04	-1.88e-04	5.14e-05
889	36	4.96e-03	-4.27e-03	-0.03	1.55e-04	-2.18e-04	5.82e-05
889	37	4.63e-03	-4.02e-03	-0.03	1.44e-04	-2.16e-04	5.66e-05
890	7	9.00e-03	-5.87e-03	-0.04	7.98e-05	-4.91e-04	1.02e-04
890	21	7.18e-03	-6.33e-03	-0.05	8.99e-05	-3.37e-04	7.17e-05
890	31	6.56e-03	-4.52e-03	-0.03	6.19e-05	-3.53e-04	7.37e-05
890	35	5.35e-03	-4.83e-03	-0.04	6.86e-05	-2.50e-04	5.33e-05
890	37	5.45e-03	-4.53e-03	-0.03	6.34e-05	-2.77e-04	5.82e-05
891	7	9.67e-03	-5.49e-03	-0.04	-2.37e-05	-5.91e-04	9.97e-05
891	21	7.68e-03	-6.09e-03	-0.05	-3.08e-05	-4.22e-04	7.08e-05
891	31	7.05e-03	-4.25e-03	-0.03	-1.88e-05	-4.26e-04	7.19e-05
891	35	5.72e-03	-4.65e-03	-0.04	-2.35e-05	-3.14e-04	5.26e-05
891	37	5.84e-03	-4.33e-03	-0.04	-2.06e-05	-3.40e-04	5.71e-05
892	7	9.38e-03	-4.27e-03	-0.04	-1.08e-04	-6.96e-04	9.18e-05
892	21	7.43e-03	-4.90e-03	-0.05	-1.33e-04	-5.14e-04	6.62e-05
892	31	6.83e-03	-3.33e-03	-0.03	-8.49e-05	-5.04e-04	6.63e-05
892	35	5.53e-03	-3.75e-03	-0.03	-1.02e-04	-3.82e-04	4.92e-05
892	37	5.65e-03	-3.48e-03	-0.03	-9.10e-05	-4.07e-04	5.30e-05
893	7	7.88e-03	-2.46e-03	-0.03	-1.52e-04	-8.13e-04	7.82e-05
893	21	6.23e-03	-3.01e-03	-0.04	-1.93e-04	-6.15e-04	5.72e-05
893	31	5.73e-03	-1.95e-03	-0.03	-1.21e-04	-5.90e-04	5.66e-05
893	35	4.63e-03	-2.32e-03	-0.03	-1.48e-04	-4.58e-04	4.25e-05
893	37	4.73e-03	-2.13e-03	-0.03	-1.32e-04	-4.81e-04	4.55e-05
894	7	4.85e-03	-4.48e-04	-0.02	-1.37e-04	-9.60e-04	5.75e-05
894	21	3.85e-03	-8.29e-04	-0.03	-1.90e-04	-7.42e-04	4.24e-05
894	31	3.53e-03	-4.05e-04	-0.02	-1.11e-04	-6.98e-04	4.16e-05
894	35	2.86e-03	-6.58e-04	-0.02	-1.46e-04	-5.53e-04	3.16e-05
894	37	2.91e-03	-5.88e-04	-0.02	-1.28e-04	-5.74e-04	3.36e-05
895	7	-3.46e-04	1.20e-03	-0.02	-3.37e-05	-1.18e-03	2.85e-05
895	8	-3.20e-04	1.24e-03	-0.02	-4.55e-05	-1.17e-03	2.77e-05
895	22	-2.60e-04	1.14e-03	-0.02	-7.76e-05	-1.03e-03	2.35e-05
895	31	-2.53e-04	8.76e-04	-0.01	-3.38e-05	-8.61e-04	2.06e-05
895	32	-2.36e-04	8.98e-04	-0.01	-4.17e-05	-8.52e-04	2.01e-05
895	36	-1.95e-04	8.37e-04	-0.01	-6.30e-05	-7.59e-04	1.73e-05

895	37	-2.13e-04	7.28e-04	-0.01	-5.79e-05	-7.12e-04	1.65e-05
896	7	3.59e-03	4.59e-03	2.81e-03	1.02e-04	-2.00e-04	3.74e-05
896	23	2.11e-03	1.28e-03	-0.01	1.48e-04	-3.71e-05	8.29e-06
896	31	2.63e-03	3.20e-03	6.28e-04	8.63e-05	-1.39e-04	2.60e-05
896	35	2.21e-03	1.74e-03	-7.86e-03	1.32e-04	-6.21e-05	1.26e-05
896	37	2.22e-03	2.20e-03	-4.07e-03	1.10e-04	-9.08e-05	1.76e-05
897	7	5.65e-03	3.99e-03	-2.76e-04	8.05e-05	-2.79e-04	5.47e-05
897	23	3.25e-03	2.38e-04	-0.02	1.27e-04	-7.87e-05	1.82e-05
897	31	4.13e-03	2.68e-03	-2.16e-03	6.95e-05	-1.96e-04	3.87e-05
897	35	3.42e-03	8.26e-04	-0.01	1.12e-04	-1.07e-04	2.31e-05
897	37	3.46e-03	1.46e-03	-8.13e-03	9.28e-05	-1.38e-04	2.82e-05
898	7	7.50e-03	3.34e-03	-8.17e-04	6.13e-06	-3.63e-04	6.37e-05
898	23	4.25e-03	-6.74e-04	-0.02	5.71e-05	-1.27e-04	2.22e-05
898	31	5.47e-03	2.13e-03	-2.98e-03	1.18e-05	-2.57e-04	4.51e-05
898	35	4.49e-03	8.70e-06	-0.02	4.60e-05	-1.58e-04	2.77e-05
898	37	4.56e-03	7.67e-04	-0.01	3.33e-05	-1.89e-04	3.32e-05
899	7	8.85e-03	2.96e-03	2.96e-03	-9.44e-05	-4.48e-04	7.03e-05
899	23	4.97e-03	-1.15e-03	-0.02	-3.85e-05	-1.78e-04	2.68e-05
899	31	6.45e-03	1.81e-03	-4.56e-04	-6.66e-05	-3.20e-04	5.00e-05
899	35	5.26e-03	-4.26e-04	-0.01	-4.45e-05	-2.11e-04	3.23e-05
899	37	5.36e-03	3.86e-04	-8.85e-03	-4.81e-05	-2.43e-04	3.76e-05
900	7	9.45e-03	2.93e-03	0.01	-1.89e-04	-5.29e-04	8.52e-05
900	23	5.27e-03	-1.09e-03	-0.01	-1.34e-04	-2.30e-04	3.70e-05
900	31	6.89e-03	1.80e-03	5.77e-03	-1.41e-04	-3.80e-04	6.11e-05
900	35	5.59e-03	-3.84e-04	-9.68e-03	-1.34e-04	-2.64e-04	4.25e-05
900	37	5.71e-03	3.96e-04	-3.62e-03	-1.28e-04	-2.95e-04	4.75e-05
901	7	9.06e-03	3.08e-03	0.02	-2.48e-04	-5.97e-04	9.93e-05
901	31	6.60e-03	1.96e-03	0.01	-1.89e-04	-4.30e-04	7.15e-05
901	37	5.46e-03	6.88e-04	4.83e-03	-1.83e-04	-3.40e-04	5.65e-05
902	7	7.38e-03	2.99e-03	0.04	-2.35e-04	-6.29e-04	1.05e-04
902	31	5.37e-03	1.98e-03	0.02	-1.83e-04	-4.54e-04	7.59e-05
902	37	4.44e-03	9.76e-04	0.01	-1.89e-04	-3.64e-04	6.08e-05
903	7	4.18e-03	2.06e-03	0.05	-1.22e-04	-5.93e-04	9.78e-05
903	31	3.04e-03	1.40e-03	0.03	-1.01e-04	-4.30e-04	7.08e-05
903	37	2.50e-03	8.38e-04	0.02	-1.24e-04	-3.47e-04	5.72e-05
904	7	-4.89e-04	-3.28e-04	0.05	5.05e-05	-4.92e-04	-3.45e-05
904	31	-3.56e-04	-2.34e-04	0.03	2.74e-05	-3.57e-04	-2.96e-05
904	37	-2.94e-04	-1.76e-04	0.03	-7.68e-06	-2.90e-04	-3.91e-05
905	7	-2.81e-03	1.53e-03	-0.02	3.04e-05	-1.29e-03	1.83e-05
905	8	-2.76e-03	1.58e-03	-0.02	2.00e-05	-1.27e-03	1.78e-05
905	31	-2.05e-03	1.13e-03	-0.01	1.44e-05	-9.38e-04	1.32e-05
905	32	-2.02e-03	1.17e-03	-0.01	7.47e-06	-9.29e-04	1.29e-05
905	37	-1.70e-03	1.01e-03	-0.01	-1.31e-05	-7.78e-04	1.05e-05
906	8	1.70e-03	7.43e-04	-0.02	-9.35e-05	-1.08e-03	3.78e-05
906	22	1.53e-03	6.10e-04	-0.02	-1.24e-04	-9.50e-04	3.23e-05
906	32	1.24e-03	5.17e-04	-0.02	-7.76e-05	-7.88e-04	2.74e-05
906	36	1.12e-03	4.28e-04	-0.02	-9.82e-05	-7.00e-04	2.37e-05
906	37	1.02e-03	3.47e-04	-0.01	-9.05e-05	-6.58e-04	2.27e-05
907	7	7.06e-03	-1.79e-03	-0.03	-1.55e-04	-8.57e-04	7.22e-05
907	21	5.58e-03	-2.29e-03	-0.03	-2.00e-04	-6.54e-04	5.30e-05
907	31	5.14e-03	-1.43e-03	-0.02	-1.23e-04	-6.22e-04	5.22e-05
907	35	4.15e-03	-1.77e-03	-0.03	-1.54e-04	-4.87e-04	3.94e-05
907	37	4.24e-03	-1.62e-03	-0.02	-1.36e-04	-5.09e-04	4.21e-05
908	7	8.53e-03	-3.11e-03	-0.04	-1.43e-04	-7.72e-04	8.35e-05
908	21	6.74e-03	-3.69e-03	-0.04	-1.79e-04	-5.80e-04	6.07e-05
908	31	6.21e-03	-2.45e-03	-0.03	-1.13e-04	-5.60e-04	6.03e-05
908	35	5.02e-03	-2.84e-03	-0.03	-1.37e-04	-4.32e-04	4.52e-05
908	37	5.13e-03	-2.62e-03	-0.03	-1.23e-04	-4.55e-04	4.84e-05
909	7	9.70e-03	-5.16e-03	-0.04	-5.49e-05	-6.25e-04	9.76e-05
909	21	7.69e-03	-5.79e-03	-0.05	-6.80e-05	-4.52e-04	6.97e-05
909	31	7.06e-03	-4.01e-03	-0.03	-4.33e-05	-4.51e-04	7.04e-05
909	35	5.72e-03	-4.42e-03	-0.04	-5.20e-05	-3.36e-04	5.18e-05
909	37	5.85e-03	-4.12e-03	-0.03	-4.64e-05	-3.62e-04	5.61e-05
910	7	9.55e-03	-5.71e-03	-0.04	9.66e-06	-5.57e-04	1.01e-04
910	21	7.59e-03	-6.28e-03	-0.05	8.55e-06	-3.93e-04	7.15e-05
910	31	6.96e-03	-4.41e-03	-0.03	7.26e-06	-4.02e-04	7.29e-05
910	35	5.65e-03	-4.79e-03	-0.04	6.52e-06	-2.92e-04	5.31e-05
910	37	5.77e-03	-4.48e-03	-0.04	6.72e-06	-3.19e-04	5.78e-05
911	7	8.14e-03	-5.61e-03	-0.04	1.49e-04	-4.27e-04	1.02e-04
911	21	6.52e-03	-5.93e-03	-0.05	1.69e-04	-2.81e-04	7.04e-05
911	22	7.18e-03	-5.95e-03	-0.05	1.67e-04	-3.07e-04	8.07e-05
911	31	5.94e-03	-4.30e-03	-0.03	1.16e-04	-3.06e-04	7.30e-05
911	35	4.86e-03	-4.52e-03	-0.04	1.29e-04	-2.09e-04	5.23e-05
911	36	5.29e-03	-4.53e-03	-0.03	1.27e-04	-2.39e-04	5.91e-05
911	37	4.94e-03	-4.27e-03	-0.03	1.19e-04	-2.36e-04	5.74e-05
912	7	7.02e-03	-4.95e-03	-0.04	2.11e-04	-3.64e-04	9.88e-05
912	21	5.65e-03	-5.11e-03	-0.04	2.38e-04	-2.28e-04	6.77e-05

912	22	6.21e-03	-5.16e-03	-0.04	2.36e-04	-2.70e-04	7.80e-05
912	31	5.12e-03	-3.78e-03	-0.03	1.63e-04	-2.59e-04	7.09e-05
912	35	4.21e-03	-3.89e-03	-0.03	1.82e-04	-1.69e-04	5.03e-05
912	36	4.58e-03	-3.92e-03	-0.03	1.80e-04	-1.97e-04	5.71e-05
912	37	4.28e-03	-3.70e-03	-0.03	1.67e-04	-1.96e-04	5.55e-05
913	7	4.27e-03	-2.70e-03	-0.02	2.88e-04	-2.44e-04	8.88e-05
913	8	4.25e-03	-2.70e-03	-0.02	3.02e-04	-2.24e-04	8.49e-05
913	21	3.49e-03	-2.47e-03	-0.02	3.21e-04	-1.28e-04	5.94e-05
913	31	3.12e-03	-2.02e-03	-0.02	2.23e-04	-1.71e-04	6.36e-05
913	32	3.11e-03	-2.03e-03	-0.02	2.32e-04	-1.58e-04	6.10e-05
913	35	2.60e-03	-1.87e-03	-0.02	2.45e-04	-9.35e-05	4.40e-05
913	37	2.62e-03	-1.87e-03	-0.02	2.26e-04	-1.20e-04	4.91e-05
914	7	2.73e-03	-1.28e-03	-0.01	2.93e-04	-1.91e-04	8.27e-05
914	8	2.73e-03	-1.21e-03	-0.01	3.07e-04	-1.71e-04	7.90e-05
914	22	2.47e-03	-9.99e-04	-0.01	3.22e-04	-1.14e-04	6.38e-05
914	31	2.00e-03	-9.29e-04	-9.35e-03	2.26e-04	-1.32e-04	5.92e-05
914	32	2.00e-03	-8.84e-04	-9.69e-03	2.35e-04	-1.19e-04	5.67e-05
914	36	1.83e-03	-7.41e-04	-9.99e-03	2.46e-04	-8.08e-05	4.65e-05
914	37	1.69e-03	-7.57e-04	-9.29e-03	2.28e-04	-8.66e-05	4.54e-05
915	7	2.60e-03	4.71e-03	4.44e-03	8.68e-05	-1.67e-04	2.15e-05
915	8	2.61e-03	4.44e-03	2.00e-03	1.03e-04	-1.46e-04	1.82e-05
915	23	1.56e-03	1.72e-03	-7.79e-03	1.34e-04	-2.07e-05	0.0
915	31	1.91e-03	3.34e-03	2.09e-03	7.43e-05	-1.14e-04	1.44e-05
915	32	1.91e-03	3.16e-03	4.60e-04	8.50e-05	-1.01e-04	1.22e-05
915	35	1.62e-03	2.10e-03	-5.25e-03	1.19e-04	-4.40e-05	3.51e-06
915	37	1.62e-03	2.46e-03	-1.99e-03	9.73e-05	-7.13e-05	7.93e-06
916	7	4.63e-03	4.33e-03	1.11e-03	9.92e-05	-2.41e-04	3.30e-05
916	23	2.69e-03	7.71e-04	-0.01	1.45e-04	-5.86e-05	5.56e-06
916	31	3.38e-03	2.97e-03	-8.83e-04	8.40e-05	-1.68e-04	2.27e-05
916	35	2.82e-03	1.30e-03	-0.01	1.29e-04	-8.54e-05	9.80e-06
916	37	2.84e-03	1.85e-03	-6.22e-03	1.08e-04	-1.15e-04	1.47e-05
917	7	6.62e-03	3.65e-03	-1.01e-03	4.84e-05	-3.22e-04	4.82e-05
917	23	3.78e-03	-2.59e-04	-0.02	9.68e-05	-1.03e-04	1.41e-05
917	31	4.83e-03	2.38e-03	-2.93e-03	4.46e-05	-2.27e-04	3.38e-05
917	35	3.98e-03	3.83e-04	-0.01	8.35e-05	-1.33e-04	1.89e-05
917	37	4.04e-03	1.09e-03	-9.53e-03	6.72e-05	-1.64e-04	2.40e-05
918	7	8.25e-03	3.10e-03	4.74e-04	-4.29e-05	-4.06e-04	6.68e-05
918	23	4.66e-03	-9.78e-04	-0.02	1.09e-05	-1.52e-04	2.48e-05
918	31	6.02e-03	1.93e-03	-2.19e-03	-2.64e-05	-2.88e-04	4.75e-05
918	35	4.92e-03	-2.68e-04	-0.02	2.21e-06	-1.84e-04	3.02e-05
918	37	5.01e-03	5.28e-04	-0.01	-6.10e-06	-2.16e-04	3.55e-05
919	7	9.26e-03	2.90e-03	6.66e-03	-1.44e-04	-4.88e-04	8.58e-05
919	23	5.18e-03	-1.19e-03	-0.02	-8.79e-05	-2.03e-04	3.63e-05
919	31	6.75e-03	1.77e-03	2.22e-03	-1.06e-04	-3.49e-04	6.14e-05
919	35	5.49e-03	-4.63e-04	-0.01	-9.09e-05	-2.37e-04	4.21e-05
919	37	5.60e-03	3.44e-04	-6.71e-03	-8.96e-05	-4.73e-04	4.73e-05
920	7	9.40e-03	3.01e-03	0.02	-2.25e-04	-5.65e-04	9.73e-05
920	31	6.85e-03	1.87e-03	0.01	-1.70e-04	-4.06e-04	7.00e-05
920	37	5.67e-03	5.20e-04	2.87e-04	-1.60e-04	-3.19e-04	5.51e-05
921	7	8.40e-03	3.10e-03	0.03	-2.52e-04	-6.19e-04	1.03e-04
921	31	6.11e-03	2.01e-03	0.02	-1.94e-04	-4.46e-04	7.45e-05
921	37	5.05e-03	8.57e-04	9.74e-03	-1.94e-04	-3.56e-04	5.94e-05
922	7	5.98e-03	2.67e-03	0.04	-1.91e-04	-6.22e-04	1.04e-04
922	31	4.35e-03	1.79e-03	0.03	-1.52e-04	-4.50e-04	7.52e-05
922	37	3.59e-03	9.89e-04	0.02	-1.66e-04	-3.62e-04	6.06e-05
923	7	2.00e-03	1.09e-03	0.05	-3.32e-05	-5.42e-04	9.17e-05
923	31	1.45e-03	7.50e-04	0.03	-3.55e-05	-3.92e-04	6.64e-05
923	37	1.19e-03	4.72e-04	0.03	-6.60e-05	-3.18e-04	5.37e-05
924	7	-1.74e-03	3.75e-04	0.04	5.05e-05	-4.76e-04	0.0
924	21	-1.29e-03	5.18e-04	0.02	-2.06e-05	-3.49e-04	-2.30e-05
924	31	-1.26e-03	2.95e-04	0.03	2.87e-05	-3.44e-04	-3.44e-06
924	35	-9.67e-04	3.90e-04	0.02	-1.87e-05	-2.59e-04	-1.81e-05
924	37	-1.03e-03	3.13e-04	0.02	-2.29e-06	-2.77e-04	-1.18e-05
925	7	-3.27e-03	1.19e-03	0.02	6.30e-05	-5.36e-04	5.86e-05
925	22	-2.76e-03	1.29e-03	0.02	1.68e-05	-4.46e-04	4.12e-05
925	31	-2.37e-03	8.98e-04	0.02	3.88e-05	-3.88e-04	4.07e-05
925	36	-2.03e-03	9.68e-04	0.01	8.00e-06	-3.28e-04	2.92e-05
925	37	-1.94e-03	8.52e-04	0.01	9.20e-06	-3.12e-04	2.74e-05
926	7	-5.94e-03	2.55e-03	9.56e-03	1.34e-04	-7.97e-04	3.22e-04
926	8	-5.85e-03	2.63e-03	8.94e-03	1.24e-04	-7.84e-04	3.20e-04
926	31	-4.33e-03	1.91e-03	6.63e-03	9.16e-05	-5.79e-04	2.34e-04
926	32	-4.26e-03	1.96e-03	6.21e-03	8.54e-05	-5.70e-04	2.32e-04
926	37	-3.57e-03	1.73e-03	4.40e-03	5.70e-05	-4.73e-04	1.92e-04
927	7	3.67e-03	3.26e-03	-8.02e-04	1.14e-04	-2.01e-04	3.69e-05
927	23	2.16e-03	7.32e-04	-0.01	1.54e-04	-3.73e-05	8.20e-06
927	31	2.68e-03	2.25e-03	-1.89e-03	9.48e-05	-1.39e-04	2.57e-05
927	35	2.26e-03	1.09e-03	-9.13e-03	1.39e-04	-6.24e-05	1.25e-05

927	37	2.26e-03	1.46e-03	-5.80e-03	1.17e-04	-9.11e-05	1.73e-05
928	7	4.10e-03	-4.47e-04	-0.01	2.26e-04	-2.25e-04	3.04e-05
928	21	3.37e-03	-9.57e-04	-0.02	2.71e-04	-1.07e-04	1.22e-05
928	31	3.00e-03	-4.09e-04	-0.01	1.77e-04	-1.57e-04	2.09e-05
928	35	2.51e-03	-7.49e-04	-0.01	2.07e-04	-7.83e-05	8.77e-06
928	37	2.52e-03	-6.10e-04	-0.01	1.87e-04	-1.07e-04	1.33e-05
929	7	4.53e-03	2.31e-03	-4.71e-03	1.29e-04	-2.36e-04	3.85e-05
929	21	3.70e-03	5.85e-04	-0.02	1.91e-04	-1.14e-04	1.83e-05
929	31	3.31e-03	1.53e-03	-4.90e-03	1.06e-04	-1.65e-04	2.68e-05
929	35	2.76e-03	3.81e-04	-0.01	1.47e-04	-8.30e-05	1.34e-05
929	37	2.78e-03	7.78e-04	-8.82e-03	1.26e-04	-1.12e-04	1.82e-05
930	7	9.59e-03	1.16e-03	9.78e-04	-1.78e-04	-5.43e-04	8.56e-05
930	23	5.34e-03	-1.83e-03	-0.02	-1.29e-04	-2.42e-04	3.61e-05
930	31	6.99e-03	5.31e-04	-1.75e-03	-1.33e-04	-3.90e-04	6.12e-05
930	35	5.67e-03	-1.25e-03	-0.01	-1.28e-04	-2.76e-04	4.19e-05
930	37	5.79e-03	-5.78e-04	-9.43e-03	-1.22e-04	-3.05e-04	4.72e-05
931	7	7.43e-03	1.89e-03	0.02	-2.32e-04	-6.33e-04	1.06e-04
931	31	5.41e-03	1.19e-03	0.01	-1.81e-04	-4.58e-04	7.64e-05
931	37	4.46e-03	3.92e-04	6.34e-03	-1.87e-04	-3.68e-04	6.16e-05
932	7	7.68e-03	1.38e-03	-8.44e-03	1.88e-05	-3.77e-04	6.09e-05
932	21	6.17e-03	-1.16e-03	-0.02	6.62e-05	-2.28e-04	3.71e-05
932	23	4.35e-03	-1.53e-03	-0.02	6.28e-05	-1.37e-04	2.25e-05
932	31	5.60e-03	7.18e-04	-8.41e-03	2.08e-05	-2.68e-04	4.33e-05
932	35	4.60e-03	-9.71e-04	-0.02	5.24e-05	-1.68e-04	2.74e-05
932	37	4.67e-03	-3.28e-04	-0.01	4.03e-05	-1.99e-04	3.24e-05
933	7	8.34e-03	1.12e-03	-8.23e-03	-2.34e-05	-4.14e-04	7.10e-05
933	21	6.68e-03	-1.50e-03	-0.03	1.66e-05	-2.59e-04	4.56e-05
933	23	4.71e-03	-1.81e-03	-0.02	2.29e-05	-1.60e-04	2.86e-05
933	31	6.09e-03	5.10e-04	-8.38e-03	-1.21e-05	-2.95e-04	5.07e-05
933	35	4.98e-03	-1.24e-03	-0.02	1.46e-05	-1.92e-04	3.38e-05
933	37	5.07e-03	-5.65e-04	-0.01	6.22e-06	-2.23e-04	3.88e-05
934	7	5.91e-03	1.96e-03	0.03	-1.96e-04	-6.21e-04	1.02e-04
934	31	4.30e-03	1.30e-03	0.02	-1.55e-04	-4.50e-04	7.41e-05
934	37	3.54e-03	6.44e-04	0.01	-1.68e-04	-3.63e-04	5.99e-05
935	7	8.53e-03	1.70e-03	0.02	-2.44e-04	-6.25e-04	1.06e-04
935	31	6.21e-03	1.01e-03	9.75e-03	-1.88e-04	-4.51e-04	7.63e-05
935	37	5.13e-03	8.76e-05	1.60e-03	-1.88e-04	-3.61e-04	6.12e-05
936	7	3.94e-03	1.80e-03	0.03	-1.33e-04	-5.86e-04	9.76e-05
936	31	2.86e-03	1.23e-03	0.02	-1.09e-04	-4.24e-04	7.06e-05
936	37	2.35e-03	7.58e-04	0.01	-1.29e-04	-3.43e-04	5.69e-05
937	7	9.53e-03	1.32e-03	5.39e-03	-2.11e-04	-5.74e-04	9.12e-05
937	23	5.30e-03	-1.60e-03	-0.02	-1.65e-04	-2.63e-04	4.00e-05
937	31	6.94e-03	6.68e-04	1.56e-03	-1.60e-04	-4.13e-04	6.55e-05
937	35	5.63e-03	-1.04e-03	-0.01	-1.62e-04	-2.97e-04	4.58e-05
937	37	5.75e-03	-4.11e-04	-6.40e-03	-1.51e-04	-3.26e-04	5.09e-05
938	7	9.41e-03	7.87e-04	-4.77e-03	-1.25e-04	-5.01e-04	9.00e-05
938	21	7.49e-03	-1.85e-03	-0.02	-1.06e-04	-3.34e-04	6.11e-05
938	23	5.26e-03	-2.09e-03	-0.02	-7.65e-05	-2.15e-04	3.96e-05
938	31	6.86e-03	2.54e-04	-5.97e-03	-9.17e-05	-3.59e-04	6.46e-05
938	35	5.58e-03	-1.51e-03	-0.02	-7.90e-05	-2.48e-04	4.53e-05
938	37	5.69e-03	-8.26e-04	-0.01	-7.77e-05	-2.78e-04	5.04e-05
939	7	6.72e-03	1.45e-03	-8.90e-03	7.26e-05	-3.30e-04	5.75e-05
939	21	5.43e-03	-7.96e-04	-0.02	1.26e-04	-1.90e-04	3.35e-05
939	31	4.91e-03	8.14e-04	-8.51e-03	6.23e-05	-2.33e-04	4.07e-05
939	35	4.04e-03	-6.86e-04	-0.02	9.81e-05	-1.40e-04	2.47e-05
939	37	4.10e-03	-1.21e-04	-0.01	8.20e-05	-1.70e-04	2.99e-05
940	7	8.96e-03	7.77e-04	-7.73e-03	-7.09e-05	-4.59e-04	7.03e-05
940	21	7.16e-03	-1.84e-03	-0.03	-4.09e-05	-2.98e-04	4.41e-05
940	23	5.03e-03	-2.08e-03	-0.02	-2.37e-05	-1.88e-04	2.73e-05
940	31	6.54e-03	2.50e-04	-8.09e-03	-4.93e-05	-3.28e-04	5.01e-05
940	35	5.33e-03	-1.50e-03	-0.02	-2.92e-05	-2.21e-04	3.27e-05
940	37	5.43e-03	-8.18e-04	-0.01	-3.31e-05	-2.51e-04	3.79e-05
941	7	5.56e-03	1.77e-03	-7.45e-03	1.15e-04	-2.79e-04	4.68e-05
941	21	4.52e-03	-1.64e-04	-0.02	1.73e-04	-1.49e-04	2.48e-05
941	31	4.06e-03	1.10e-03	-7.16e-03	9.48e-05	-1.96e-04	3.28e-05
941	35	3.37e-03	-1.95e-04	-0.02	1.34e-04	-1.09e-04	1.82e-05
941	37	3.41e-03	2.76e-04	-0.01	1.15e-04	-1.39e-04	2.33e-05
942	7	9.21e-03	1.42e-03	9.78e-03	-2.34e-04	-6.04e-04	1.03e-04
942	23	5.11e-03	-1.30e-03	-0.01	-1.95e-04	-2.85e-04	4.93e-05
942	31	6.71e-03	7.64e-04	4.92e-03	-1.79e-04	-4.35e-04	7.44e-05
942	35	5.43e-03	-7.97e-04	-8.02e-03	-1.89e-04	-5.18e-04	5.49e-05
942	37	5.55e-03	-2.34e-04	-3.08e-03	-1.74e-04	-3.46e-04	5.93e-05
943	7	5.42e-03	5.70e-04	-4.05e-03	-1.94e-04	-7.78e-04	1.27e-04
943	21	4.29e-03	-1.92e-04	-0.01	-2.41e-04	-5.90e-04	9.58e-05
943	31	3.95e-03	3.18e-04	-4.15e-03	-1.53e-04	-5.64e-04	9.19e-05
943	35	3.19e-03	-1.90e-04	-9.60e-03	-1.84e-04	-4.39e-04	7.13e-05
943	37	3.25e-03	-5.14e-05	-7.32e-03	-1.64e-04	-4.60e-04	7.49e-05

944	7	7.32e-03	-3.72e-04	-0.01	-2.05e-04	-7.45e-04	1.26e-04
944	21	5.78e-03	-1.33e-03	-0.02	-2.44e-04	-5.59e-04	9.45e-05
944	31	5.32e-03	-4.21e-04	-9.24e-03	-1.60e-04	-5.40e-04	9.12e-05
944	35	4.30e-03	-1.06e-03	-0.02	-1.86e-04	-4.16e-04	7.04e-05
944	37	4.39e-03	-8.33e-04	-0.01	-1.68e-04	-4.39e-04	7.42e-05
945	7	8.63e-03	-1.35e-03	-0.02	-1.92e-04	-7.03e-04	1.20e-04
945	21	6.82e-03	-2.46e-03	-0.03	-2.21e-04	-5.20e-04	8.95e-05
945	31	6.28e-03	-1.18e-03	-0.01	-1.49e-04	-5.09e-04	8.73e-05
945	35	5.07e-03	-1.92e-03	-0.02	-1.69e-04	-3.87e-04	6.66e-05
945	37	5.19e-03	-1.62e-03	-0.02	-1.53e-04	-4.12e-04	7.06e-05
946	7	9.42e-03	-2.21e-03	-0.02	-1.59e-04	-6.53e-04	1.07e-04
946	21	7.46e-03	-3.44e-03	-0.03	-1.77e-04	-4.74e-04	7.75e-05
946	31	6.86e-03	-1.85e-03	-0.02	-1.23e-04	-4.72e-04	7.73e-05
946	35	5.55e-03	-2.67e-03	-0.03	-1.35e-04	-3.53e-04	5.76e-05
946	37	5.67e-03	-2.30e-03	-0.02	-1.23e-04	-3.79e-04	6.20e-05
947	7	8.12e-03	-3.01e-03	-0.03	9.24e-05	-4.16e-04	6.58e-05
947	21	6.51e-03	-4.16e-03	-0.04	1.21e-04	-2.67e-04	4.25e-05
947	31	5.92e-03	-2.44e-03	-0.02	7.40e-05	-2.97e-04	4.71e-05
947	35	4.85e-03	-3.21e-03	-0.03	9.33e-05	-1.98e-04	3.15e-05
947	37	4.93e-03	-2.81e-03	-0.03	8.30e-05	-2.27e-04	3.62e-05
948	7	9.00e-03	-3.48e-03	-0.03	2.83e-05	-4.77e-04	8.20e-05
948	21	7.18e-03	-4.69e-03	-0.04	4.61e-05	-3.19e-04	5.52e-05
948	31	6.56e-03	-2.81e-03	-0.02	2.40e-05	-3.42e-04	5.88e-05
948	35	5.35e-03	-3.61e-03	-0.03	3.59e-05	-2.37e-04	4.10e-05
948	37	5.45e-03	-3.19e-03	-0.03	3.09e-05	-2.66e-04	4.58e-05
949	7	5.55e-03	-1.68e-03	-0.02	2.09e-04	-2.90e-04	4.76e-05
949	21	4.51e-03	-2.36e-03	-0.03	2.51e-04	-1.62e-04	2.62e-05
949	31	4.06e-03	-1.37e-03	-0.02	1.64e-04	-2.05e-04	3.35e-05
949	35	3.36e-03	-1.82e-03	-0.02	1.92e-04	-1.19e-04	1.93e-05
949	37	3.40e-03	-1.60e-03	-0.02	1.74e-04	-1.48e-04	2.41e-05
950	7	6.94e-03	-2.64e-03	-0.03	1.62e-04	-3.54e-04	6.00e-05
950	21	5.59e-03	-3.53e-03	-0.03	1.98e-04	-2.15e-04	3.66e-05
950	31	5.07e-03	-2.12e-03	-0.02	1.28e-04	-4.27e-04	4.27e-05
950	35	4.17e-03	-2.72e-03	-0.03	1.52e-04	-1.59e-04	2.71e-05
950	37	4.23e-03	-2.40e-03	-0.02	1.37e-04	-1.88e-04	3.20e-05
951	7	9.72e-03	-2.83e-03	-0.03	-1.10e-04	-5.96e-04	1.02e-04
951	21	7.71e-03	-4.15e-03	-0.04	-1.16e-04	-4.23e-04	7.33e-05
951	31	7.08e-03	-2.33e-03	-0.02	-8.36e-05	-4.30e-04	7.39e-05
951	35	5.74e-03	-3.21e-03	-0.03	-8.77e-05	-3.14e-04	5.45e-05
951	37	5.86e-03	-2.78e-03	-0.02	-8.12e-05	-3.42e-04	5.90e-05
952	7	9.56e-03	-3.36e-03	-0.03	-4.34e-05	-5.37e-04	9.70e-05
952	21	7.61e-03	-4.64e-03	-0.04	-3.74e-05	-3.72e-04	6.81e-05
952	31	6.97e-03	-2.72e-03	-0.02	-3.18e-05	-3.87e-04	6.99e-05
952	35	5.66e-03	-3.58e-03	-0.03	-2.78e-05	-2.76e-04	5.06e-05
952	37	5.78e-03	-3.14e-03	-0.03	-2.70e-05	-3.05e-04	5.54e-05
953	7	2.66e-03	9.01e-04	-5.75e-03	1.93e-04	-1.51e-04	2.07e-05
953	8	2.66e-03	8.53e-04	-6.92e-03	2.08e-04	-1.30e-04	1.73e-05
953	21	2.22e-03	5.06e-04	-0.01	2.38e-04	-4.48e-05	3.74e-06
953	31	1.95e-03	6.28e-04	-4.89e-03	1.52e-04	-1.02e-04	1.37e-05
953	32	1.95e-03	5.96e-04	-5.67e-03	1.62e-04	-8.80e-05	1.14e-05
953	35	1.66e-03	3.64e-04	-7.88e-03	1.82e-04	-3.13e-05	2.42e-06
953	37	1.65e-03	4.29e-04	-6.32e-03	1.63e-04	-5.89e-05	6.98e-06
954	7	2.78e-03	2.81e-03	-6.83e-04	1.22e-04	-1.64e-04	2.39e-05
954	8	2.78e-03	2.63e-03	-2.61e-03	1.37e-04	-1.43e-04	2.04e-05
954	21	2.32e-03	1.60e-03	-8.95e-03	1.81e-04	-5.66e-05	6.45e-06
954	31	2.04e-03	1.97e-03	-1.49e-03	9.98e-05	-1.12e-04	1.61e-05
954	32	2.04e-03	1.85e-03	-2.77e-03	1.10e-04	-9.80e-05	1.38e-05
954	35	1.73e-03	1.17e-03	-7.00e-03	1.40e-04	-4.03e-05	4.47e-06
954	37	1.72e-03	1.41e-03	-4.43e-03	1.19e-04	-6.82e-05	9.09e-06
955	7	1.37e-03	1.29e-03	0.04	-4.29e-05	-5.23e-04	9.27e-05
955	8	1.37e-03	1.26e-03	0.03	-5.90e-05	-5.09e-04	9.06e-05
955	31	9.95e-04	9.11e-04	0.02	-4.20e-05	-3.78e-04	6.72e-05
955	32	9.96e-04	8.93e-04	0.02	-5.26e-05	-3.69e-04	6.58e-05
955	37	8.12e-04	6.70e-04	0.02	-6.94e-05	-3.05e-04	5.47e-05
956	7	-3.72e-04	1.64e-03	6.97e-03	-7.23e-05	-8.05e-04	1.32e-04
956	8	-3.40e-04	1.66e-03	6.04e-03	-8.46e-05	-7.91e-04	1.30e-04
956	31	-2.70e-04	1.20e-03	4.51e-03	-6.18e-05	-5.85e-04	9.61e-05
956	32	-2.48e-04	1.22e-03	3.89e-03	-7.01e-05	-5.76e-04	9.46e-05
956	37	-2.19e-04	1.01e-03	1.89e-03	-8.10e-05	-4.78e-04	7.87e-05
957	7	5.69e-03	1.33e-03	0.01	-2.06e-04	-6.69e-04	1.13e-04
957	31	4.14e-03	8.52e-04	8.14e-03	-1.62e-04	-4.85e-04	8.19e-05
957	37	3.41e-03	3.37e-04	2.46e-03	-1.73e-04	-3.93e-04	6.63e-05
958	7	5.57e-03	6.94e-05	-0.01	1.59e-04	-2.83e-04	5.16e-05
958	21	4.53e-03	-1.25e-03	-0.02	2.10e-04	-1.53e-04	2.92e-05
958	23	3.21e-03	-1.29e-03	-0.02	1.74e-04	-1.68e-05	1.68e-05
958	31	4.07e-03	-1.19e-04	-0.01	1.27e-04	-1.99e-04	3.65e-05
958	35	3.37e-03	-9.99e-04	-0.02	1.61e-04	-1.12e-04	2.15e-05

958	37	3.41e-03	-6.48e-04	-0.01	1.42e-04	-1.42e-04	2.65e-05
959	7	6.91e-03	-6.17e-04	-0.02	1.13e-04	-3.44e-04	6.33e-05
959	21	5.57e-03	-2.20e-03	-0.03	1.57e-04	-2.03e-04	3.87e-05
959	31	5.04e-03	-6.74e-04	-0.01	9.15e-05	-2.44e-04	4.50e-05
959	35	4.15e-03	-1.73e-03	-0.02	1.21e-04	-1.50e-04	2.86e-05
959	37	4.21e-03	-1.28e-03	-0.02	1.06e-04	-1.80e-04	3.37e-05
960	7	9.53e-03	-1.25e-03	-0.02	-9.05e-05	-5.23e-04	7.65e-05
960	21	7.58e-03	-3.21e-03	-0.03	-7.84e-05	-3.56e-04	5.03e-05
960	31	6.95e-03	-1.20e-03	-0.01	-6.66e-05	-3.76e-04	5.48e-05
960	35	5.65e-03	-2.51e-03	-0.02	-5.84e-05	-2.65e-04	3.74e-05
960	37	5.76e-03	-1.96e-03	-0.02	-5.70e-05	-2.94e-04	4.23e-05
961	7	8.62e-03	2.24e-04	4.09e-05	-2.25e-04	-6.54e-04	1.08e-04
961	23	4.77e-03	-1.47e-03	-0.01	-2.00e-04	-3.21e-04	5.30e-05
961	31	6.27e-03	-4.95e-05	-1.86e-03	-1.73e-04	-4.73e-04	7.83e-05
961	35	5.07e-03	-1.12e-03	-0.01	-1.91e-04	-3.55e-04	5.86e-05
961	37	5.18e-03	-7.31e-04	-7.67e-03	-1.75e-04	-3.80e-04	6.29e-05
962	7	9.38e-03	-3.74e-04	-6.34e-03	-2.00e-04	-6.21e-04	1.01e-04
962	21	7.42e-03	-2.18e-03	-0.02	-2.15e-04	-4.45e-04	7.13e-05
962	31	6.83e-03	-5.26e-04	-6.74e-03	-1.53e-04	-4.49e-04	7.25e-05
962	35	5.53e-03	-1.73e-03	-0.02	-1.63e-04	-3.31e-04	5.30e-05
962	37	5.65e-03	-1.26e-03	-0.01	-1.50e-04	-3.58e-04	5.76e-05
963	7	8.98e-03	-1.32e-03	-0.02	-2.13e-05	-4.67e-04	6.59e-05
963	21	7.17e-03	-3.23e-03	-0.03	3.36e-06	-3.07e-04	4.09e-05
963	31	6.55e-03	-1.25e-03	-0.02	-1.25e-05	-3.34e-04	4.70e-05
963	35	5.34e-03	-2.53e-03	-0.03	3.92e-06	-2.28e-04	3.03e-05
963	37	5.44e-03	-1.98e-03	-0.02	0.0	-2.58e-04	3.54e-05
964	7	3.43e-03	1.63e-03	0.02	-1.58e-04	-6.43e-04	1.08e-04
964	31	2.49e-03	1.13e-03	0.01	-1.26e-04	-4.66e-04	7.82e-05
964	37	2.05e-03	7.39e-04	6.91e-03	-1.42e-04	-3.78e-04	6.35e-05
965	7	4.14e-03	1.18e-03	-7.77e-03	1.69e-04	-2.18e-04	4.29e-05
965	21	3.40e-03	3.82e-05	-0.02	2.24e-04	-9.97e-05	2.21e-05
965	31	3.03e-03	7.47e-04	-6.89e-03	1.36e-04	-1.51e-04	3.01e-05
965	35	2.53e-03	-1.45e-05	-0.01	1.72e-04	-7.25e-05	1.62e-05
965	37	2.55e-03	2.53e-04	-9.69e-03	1.52e-04	-1.01e-04	2.10e-05
966	7	7.40e-03	8.34e-04	6.82e-03	-2.27e-04	-6.71e-04	1.12e-04
966	23	4.09e-03	-7.62e-04	-8.95e-03	-2.14e-04	-3.36e-04	5.57e-05
966	31	5.39e-03	4.42e-04	3.35e-03	-1.77e-04	-4.86e-04	8.08e-05
966	35	4.35e-03	-4.73e-04	-5.92e-03	-2.02e-04	-3.69e-04	6.12e-05
966	37	4.44e-03	-1.70e-04	-2.48e-03	-1.83e-04	-3.92e-04	6.52e-05
967	7	2.88e-03	1.32e-03	1.69e-03	-1.56e-04	-7.98e-04	1.41e-04
967	23	1.61e-03	4.76e-04	-5.85e-03	-1.71e-04	-4.21e-04	7.44e-05
967	31	2.10e-03	9.20e-04	3.49e-04	-1.25e-04	-5.79e-04	1.02e-04
967	35	1.70e-03	5.68e-04	-4.32e-03	-1.59e-04	-4.54e-04	8.02e-05
967	37	1.72e-03	6.17e-04	-2.57e-03	-1.39e-04	-4.74e-04	8.36e-05
968	7	4.70e-04	1.64e-03	0.02	-7.47e-05	-5.88e-04	9.00e-05
968	8	4.85e-04	1.64e-03	0.02	-8.88e-05	-5.75e-04	8.78e-05
968	31	3.41e-04	1.18e-03	0.02	-6.44e-05	-4.26e-04	6.51e-05
968	32	3.51e-04	1.19e-03	0.01	-7.38e-05	-4.17e-04	6.36e-05
968	37	2.76e-04	9.51e-04	0.01	-8.56e-05	-3.45e-04	5.24e-05
969	7	9.68e-03	-6.78e-04	-0.01	-1.58e-04	-5.73e-04	9.30e-05
969	21	7.68e-03	-2.68e-03	-0.03	-1.58e-04	-4.01e-04	6.36e-05
969	31	7.05e-03	-7.79e-04	-0.01	-1.19e-04	-4.12e-04	6.68e-05
969	35	5.72e-03	-2.11e-03	-0.02	-1.19e-04	-2.98e-04	4.72e-05
969	37	5.84e-03	-1.57e-03	-0.02	-1.12e-04	-3.26e-04	5.22e-05
970	7	8.08e-03	-7.96e-04	-0.02	4.17e-05	-4.04e-04	6.69e-05
970	21	6.48e-03	-2.69e-03	-0.03	7.86e-05	-2.54e-04	4.22e-05
970	31	5.90e-03	-8.50e-04	-0.02	3.67e-05	-2.88e-04	4.77e-05
970	35	4.83e-03	-2.11e-03	-0.02	6.13e-05	-1.88e-04	3.12e-05
970	37	4.91e-03	-1.58e-03	-0.02	5.10e-05	-2.18e-04	3.62e-05
971	21	-2.98e-03	2.34e-03	-0.02	2.90e-04	2.10e-04	-3.09e-05
971	22	-2.70e-03	2.38e-03	-0.02	3.06e-04	1.90e-04	-2.38e-05
971	35	-2.26e-03	1.75e-03	-0.02	2.18e-04	1.60e-04	-2.35e-05
971	36	-2.07e-03	1.77e-03	-0.01	2.28e-04	1.46e-04	-1.88e-05
971	37	-1.57e-03	1.49e-03	-0.01	2.11e-04	1.13e-04	-9.78e-06
972	21	-2.26e-03	7.91e-04	-9.15e-03	1.03e-04	9.80e-05	0.0
972	23	-2.05e-03	7.23e-04	-9.60e-03	7.60e-05	1.01e-04	3.23e-06
972	35	-1.71e-03	5.86e-04	-7.04e-03	7.75e-05	7.51e-05	0.0
972	37	-1.18e-03	3.49e-04	-3.39e-03	7.61e-05	3.81e-05	-5.16e-06
973	21	-2.21e-03	3.24e-04	-5.30e-03	3.24e-05	4.86e-05	1.77e-06
973	23	-1.95e-03	3.76e-04	-6.46e-03	2.14e-05	6.09e-05	5.04e-06
973	35	-1.67e-03	2.35e-04	-4.13e-03	2.41e-05	3.78e-05	1.54e-06
973	37	-1.22e-03	4.72e-06	-9.21e-04	2.65e-05	5.75e-06	-3.11e-06
974	7	-1.48e-03	-2.53e-04	5.74e-03	4.65e-05	-6.11e-05	-1.66e-05
974	21	-2.32e-03	2.78e-04	-3.42e-03	2.73e-05	2.82e-05	-1.61e-06
974	23	-1.99e-03	3.42e-04	-4.90e-03	1.61e-05	4.38e-05	2.48e-06
974	31	-1.19e-03	-1.54e-04	3.39e-03	3.29e-05	-3.71e-05	-1.09e-05
974	35	-1.75e-03	2.00e-04	-2.72e-03	2.01e-05	2.25e-05	0.0

974	37	-1.35e-03	-2.86e-05	2.32e-04	2.42e-05	-6.54e-06	-5.41e-06
975	7	-1.62e-03	-2.66e-04	8.07e-03	8.05e-05	-7.57e-05	-3.00e-05
975	21	-2.34e-03	2.61e-04	-1.04e-03	5.38e-05	1.11e-05	-1.35e-05
975	23	-1.97e-03	3.28e-04	-3.06e-03	3.46e-05	3.00e-05	-6.28e-06
975	31	-1.28e-03	-1.64e-04	5.13e-03	5.76e-05	-4.82e-05	-2.08e-05
975	35	-1.76e-03	1.88e-04	-9.37e-04	3.98e-05	9.62e-06	-9.88e-06
975	37	-1.41e-03	-3.68e-05	1.84e-03	4.45e-05	-1.75e-05	-1.40e-05
976	7	-1.50e-03	-4.38e-04	0.01	1.33e-04	-1.07e-04	-4.49e-05
976	21	-2.16e-03	9.32e-05	2.95e-03	9.81e-05	-1.87e-05	-2.65e-05
976	31	-1.19e-03	-2.92e-04	8.37e-03	9.65e-05	-7.15e-05	-3.18e-05
976	35	-1.63e-03	6.27e-05	2.04e-03	7.29e-05	-1.26e-05	-1.95e-05
976	37	-1.31e-03	-1.52e-04	4.69e-03	7.74e-05	-3.82e-05	-2.35e-05
977	7	-1.12e-03	-8.38e-04	0.02	1.96e-04	-1.59e-04	-7.45e-05
977	21	-1.75e-03	-2.93e-04	9.00e-03	1.51e-04	-6.56e-05	-5.20e-05
977	31	-9.03e-04	-5.90e-04	0.01	1.42e-04	-1.10e-04	-5.36e-05
977	35	-1.32e-03	-2.26e-04	6.56e-03	1.12e-04	-4.76e-05	-3.86e-05
977	37	-1.03e-03	-4.21e-04	9.07e-03	1.16e-04	-7.20e-05	-4.22e-05
978	7	-4.98e-04	-1.43e-03	0.03	2.56e-04	-2.34e-04	-1.07e-04
978	21	-1.11e-03	-8.78e-04	0.02	2.00e-04	-1.32e-04	-7.98e-05
978	31	-4.35e-04	-1.04e-03	0.02	1.86e-04	-1.65e-04	-7.74e-05
978	35	-8.41e-04	-6.64e-04	0.01	1.49e-04	-9.70e-05	-5.93e-05
978	37	-5.97e-04	-8.26e-04	0.01	1.53e-04	-1.20e-04	-6.24e-05
979	7	2.07e-04	-2.01e-03	0.04	2.82e-04	-3.26e-04	-1.09e-04
979	23	-3.97e-04	-9.98e-04	0.02	1.51e-04	-1.36e-04	-5.48e-05
979	31	9.84e-05	-1.47e-03	0.03	2.05e-04	-2.33e-04	-7.88e-05
979	35	-2.66e-04	-1.11e-03	0.02	1.62e-04	-1.58e-04	-5.99e-05
979	37	-8.72e-05	-1.23e-03	0.02	1.67e-04	-1.79e-04	-6.31e-05
980	7	4.92e-04	-1.97e-03	0.05	2.10e-04	-4.14e-04	-7.45e-05
980	31	3.33e-04	-1.45e-03	0.03	1.50e-04	-2.99e-04	-5.30e-05
980	37	1.93e-04	-1.24e-03	0.03	1.14e-04	-2.38e-04	-3.98e-05
981	21	-2.45e-03	1.56e-03	-0.02	2.65e-04	2.38e-04	-9.42e-05
981	22	-2.23e-03	1.61e-03	-0.02	2.81e-04	2.19e-04	-8.85e-05
981	35	-1.86e-03	1.16e-03	-0.01	1.99e-04	1.80e-04	-7.11e-05
981	36	-1.71e-03	1.20e-03	-0.01	2.10e-04	1.68e-04	-6.74e-05
981	37	-1.29e-03	9.92e-04	-0.01	1.95e-04	1.33e-04	-5.30e-05
982	8	-1.12e-03	7.53e-04	-0.01	2.76e-04	1.69e-04	-8.76e-05
982	21	-1.83e-03	6.88e-04	-0.01	2.39e-04	2.43e-04	-1.13e-04
982	32	-9.11e-04	5.46e-04	-8.85e-03	2.05e-04	1.35e-04	-6.84e-05
982	35	-1.38e-03	5.03e-04	-0.01	1.80e-04	1.84e-04	-8.53e-05
982	37	-9.48e-04	4.23e-04	-8.86e-03	1.79e-04	1.38e-04	-6.65e-05
983	21	-1.05e-03	-4.33e-04	-0.01	2.32e-04	1.96e-04	-3.58e-05
983	35	-7.90e-04	-3.43e-04	-8.94e-03	1.74e-04	1.49e-04	-2.77e-05
983	37	-4.89e-04	-3.27e-04	-7.67e-03	1.77e-04	1.06e-04	-4.99e-06
984	8	-5.11e-04	-1.27e-03	-5.78e-03	1.54e-04	2.94e-05	1.69e-05
984	21	-6.16e-04	-1.39e-03	-5.46e-03	1.25e-04	8.90e-05	1.90e-05
984	32	-3.89e-04	-9.82e-04	-4.34e-03	1.13e-04	2.84e-05	1.30e-05
984	35	-4.59e-04	-1.06e-03	-4.12e-03	9.39e-05	6.82e-05	1.43e-05
984	37	-3.49e-04	-9.82e-04	-3.95e-03	9.74e-05	3.84e-05	1.22e-05
985	8	-1.07e-03	-9.43e-04	-2.78e-03	3.89e-05	-2.06e-05	3.11e-06
985	21	-1.02e-03	-1.12e-03	-2.73e-03	2.35e-05	3.27e-05	7.94e-06
985	22	-1.07e-03	-1.07e-03	-2.79e-03	2.87e-05	1.70e-05	6.62e-06
985	32	-7.97e-04	-7.44e-04	-2.10e-03	2.77e-05	-9.91e-06	2.85e-06
985	35	-7.61e-04	-8.64e-04	-2.07e-03	1.74e-05	2.56e-05	6.07e-06
985	36	-7.93e-04	-8.31e-04	-2.11e-03	2.09e-05	1.51e-05	5.19e-06
985	37	-6.89e-04	-7.77e-04	-1.96e-03	2.22e-05	2.01e-06	3.60e-06
986	8	-1.64e-03	-6.05e-04	-2.00e-03	1.77e-05	-3.40e-05	0.0
986	21	-1.43e-03	-8.25e-04	-2.00e-03	4.72e-06	1.56e-05	5.52e-06
986	22	-1.53e-03	-7.56e-04	-2.03e-03	8.81e-06	0.0	3.86e-06
986	32	-1.21e-03	-4.94e-04	-1.52e-03	1.20e-05	-2.04e-05	0.0
986	35	-1.07e-03	-6.40e-04	-1.52e-03	3.33e-06	1.27e-05	4.27e-06
986	36	-1.14e-03	-5.94e-04	-1.54e-03	6.06e-06	2.69e-06	3.17e-06
986	37	-1.03e-03	-5.57e-04	-1.44e-03	8.30e-06	-8.25e-06	1.64e-06
987	8	-2.11e-03	-2.85e-04	-1.78e-03	1.51e-05	-4.41e-05	-4.34e-06
987	21	-1.78e-03	-5.41e-04	-1.78e-03	2.42e-06	4.21e-06	2.28e-06
987	22	-1.93e-03	-4.55e-04	-1.81e-03	6.40e-06	-1.07e-05	0.0
987	32	-1.55e-03	-2.56e-04	-1.35e-03	1.00e-05	-2.81e-05	-2.55e-06
987	35	-1.33e-03	-4.27e-04	-1.35e-03	1.58e-06	4.12e-06	1.86e-06
987	36	-1.43e-03	-3.69e-04	-1.37e-03	4.23e-06	-5.80e-06	0.0
987	37	-1.32e-03	-3.49e-04	-1.28e-03	6.46e-06	-1.53e-05	0.0
988	7	-2.55e-03	7.73e-05	-1.81e-03	2.36e-05	-7.91e-05	-1.31e-05
988	22	-2.31e-03	-1.63e-04	-1.86e-03	1.10e-05	-3.12e-05	-5.83e-06
988	23	-1.52e-03	-2.92e-04	-1.40e-03	0.0	4.15e-06	0.0
988	31	-1.87e-03	8.37e-06	-1.37e-03	1.60e-05	-5.30e-05	-8.82e-06
988	35	-1.59e-03	-2.21e-04	-1.38e-03	4.71e-06	-1.05e-05	-2.31e-06
988	36	-1.71e-03	-1.52e-04	-1.40e-03	7.59e-06	-2.11e-05	-3.99e-06
988	37	-1.59e-03	-1.48e-04	-1.31e-03	9.46e-06	-2.89e-05	-5.02e-06
989	7	-3.04e-03	3.74e-04	-2.13e-03	3.44e-05	-1.17e-04	-2.31e-05

989	8	-3.03e-03	3.25e-04	-2.17e-03	3.09e-05	-1.04e-04	-2.11e-05
989	31	-2.23e-03	2.29e-04	-1.60e-03	2.39e-05	-8.12e-05	-1.62e-05
989	32	-2.22e-03	1.97e-04	-1.63e-03	2.16e-05	-7.24e-05	-1.49e-05
989	37	-1.88e-03	5.05e-05	-1.50e-03	1.62e-05	-5.33e-05	-1.14e-05
990	7	-3.60e-03	6.65e-04	-2.72e-03	5.11e-05	-1.78e-04	-3.75e-05
990	8	-3.58e-03	6.25e-04	-2.77e-03	4.77e-05	-1.66e-04	-3.57e-05
990	31	-2.63e-03	4.48e-04	-2.04e-03	3.62e-05	-1.26e-04	-2.68e-05
990	32	-2.62e-03	4.21e-04	-2.07e-03	3.39e-05	-1.18e-04	-2.56e-05
990	37	-2.22e-03	2.53e-04	-1.87e-03	2.66e-05	-9.18e-05	-2.05e-05
991	7	-4.25e-03	9.61e-04	-3.74e-03	7.20e-05	-2.69e-04	-5.88e-05
991	8	-4.21e-03	9.37e-04	-3.78e-03	6.86e-05	-2.57e-04	-5.72e-05
991	31	-3.11e-03	6.74e-04	-2.79e-03	5.14e-05	-1.92e-04	-4.25e-05
991	32	-3.08e-03	6.58e-04	-2.81e-03	4.91e-05	-1.84e-04	-4.14e-05
991	37	-2.60e-03	4.74e-04	-2.51e-03	3.91e-05	-1.48e-04	-3.40e-05
992	7	-4.99e-03	1.40e-03	-5.72e-03	8.33e-05	-4.06e-04	-9.84e-05
992	8	-4.93e-03	1.40e-03	-5.78e-03	7.92e-05	-3.94e-04	-9.69e-05
992	31	-3.64e-03	1.01e-03	-4.25e-03	5.90e-05	-2.93e-04	-7.15e-05
992	32	-3.59e-03	1.02e-03	-4.28e-03	5.63e-05	-2.85e-04	-7.05e-05
992	37	-3.02e-03	8.16e-04	-3.78e-03	4.35e-05	-2.33e-04	-5.86e-05
993	7	-4.29e-03	3.15e-03	-0.01	9.81e-05	-6.88e-04	-1.29e-04
993	8	-4.22e-03	3.20e-03	-0.01	9.21e-05	-6.76e-04	-1.28e-04
993	31	-3.13e-03	2.32e-03	-9.54e-03	6.82e-05	-4.99e-04	-9.40e-05
993	32	-3.08e-03	2.36e-03	-9.63e-03	6.43e-05	-4.92e-04	-9.30e-05
993	37	-2.58e-03	2.03e-03	-8.47e-03	4.62e-05	-4.08e-04	-7.74e-05
994	7	2.06e-04	-1.45e-03	0.05	1.22e-04	-4.47e-04	-9.46e-05
994	31	1.38e-04	-1.06e-03	0.03	8.38e-05	-3.23e-04	-6.85e-05
994	37	7.72e-05	-9.06e-04	0.03	5.18e-05	-2.60e-04	-5.53e-05
995	7	4.55e-04	-2.12e-03	0.04	2.66e-04	-3.74e-04	-7.93e-05
995	31	2.92e-04	-1.55e-03	0.03	1.92e-04	-2.79e-04	-5.72e-05
995	37	1.14e-04	-1.32e-03	0.02	1.53e-04	-2.11e-04	-4.55e-05
996	7	-1.37e-04	-1.75e-03	0.03	2.86e-04	-2.88e-04	-4.70e-05
996	21	-7.24e-04	-1.20e-03	0.02	2.24e-04	-1.79e-04	-2.82e-05
996	31	-1.63e-04	-1.27e-03	0.02	2.08e-04	-2.05e-04	-3.34e-05
996	35	-5.54e-04	-9.03e-04	0.02	1.67e-04	-1.32e-04	-2.08e-05
996	37	-3.40e-04	-1.04e-03	0.02	1.71e-04	-1.54e-04	-2.49e-05
997	7	-8.33e-04	-1.12e-03	0.02	2.36e-04	-2.03e-04	-2.58e-05
997	21	-1.45e-03	-5.67e-04	0.01	1.85e-04	-1.04e-04	-9.76e-06
997	31	-6.88e-04	-8.00e-04	0.02	1.72e-04	-1.42e-04	-1.77e-05
997	35	-1.10e-03	-4.31e-04	9.39e-03	1.38e-04	-7.64e-05	-7.07e-06
997	37	-8.32e-04	-6.11e-04	0.01	1.42e-04	-9.99e-05	-1.13e-05
998	7	-1.34e-03	-6.09e-04	0.02	1.69e-04	-1.35e-04	-2.49e-05
998	21	-1.99e-03	-7.16e-05	5.71e-03	1.28e-04	-4.37e-05	-8.95e-06
998	31	-1.07e-03	-4.19e-04	0.01	1.22e-04	-9.21e-05	-1.71e-05
998	35	-1.50e-03	-6.06e-05	4.10e-03	9.51e-05	-3.13e-05	-6.45e-06
998	37	-1.19e-03	-2.66e-04	6.68e-03	9.94e-05	-5.62e-05	-1.07e-05
999	7	-1.59e-03	-3.26e-04	9.96e-03	1.08e-04	-9.16e-05	-1.66e-05
999	21	-2.28e-03	2.02e-04	7.17e-04	7.68e-05	-4.22e-06	-1.54e-06
999	31	-1.26e-03	-2.08e-04	6.54e-03	7.78e-05	-6.00e-05	-1.10e-05
999	35	-1.72e-03	1.44e-04	3.75e-04	5.70e-05	-1.79e-06	0.0
999	37	-1.38e-03	-7.65e-05	3.08e-03	6.16e-05	-2.81e-05	-5.40e-06
1000	7	-1.58e-03	-2.48e-04	6.70e-03	6.17e-05	-6.83e-05	-1.40e-05
1000	21	-2.35e-03	2.80e-04	-2.38e-03	3.89e-05	1.94e-05	0.0
1000	23	-1.99e-03	3.43e-04	-4.09e-03	2.41e-05	3.67e-05	4.40e-06
1000	31	-1.26e-03	-1.50e-04	4.11e-03	4.40e-05	-4.26e-05	-9.00e-06
1000	35	-1.77e-03	2.02e-04	-1.94e-03	2.87e-05	1.59e-05	0.0
1000	37	-1.40e-03	-2.50e-05	9.17e-04	3.31e-05	-1.21e-05	-3.66e-06
1001	21	-2.27e-03	2.79e-04	-4.31e-03	2.46e-05	3.64e-05	3.08e-06
1001	23	-1.96e-03	3.43e-04	-5.63e-03	1.48e-05	5.07e-05	6.09e-06
1001	35	-1.71e-03	2.01e-04	-3.39e-03	1.82e-05	2.86e-05	2.53e-06
1001	37	-1.29e-03	-2.83e-05	-3.23e-04	2.16e-05	-1.71e-06	-2.26e-06
1002	21	-2.20e-03	4.70e-04	-6.74e-03	5.65e-05	6.76e-05	1.36e-06
1002	23	-1.96e-03	4.85e-04	-7.65e-03	4.03e-05	7.65e-05	4.85e-06
1002	35	-1.66e-03	3.44e-04	-5.22e-03	4.24e-05	5.22e-05	1.23e-06
1002	37	-1.18e-03	1.12e-04	-1.82e-03	4.32e-05	1.80e-05	-3.60e-06
1003	21	-2.49e-03	1.38e-03	-0.01	1.79e-04	1.44e-04	-6.41e-06
1003	35	-1.89e-03	1.03e-03	-0.01	1.34e-04	1.09e-04	-4.61e-06
1003	37	-1.29e-03	7.82e-04	-6.14e-03	1.30e-04	6.89e-05	-9.65e-06
1004	21	-9.64e-04	-7.94e-04	-6.98e-03	1.22e-04	1.33e-04	1.62e-06
1004	35	-7.26e-04	-6.15e-04	-5.30e-03	9.17e-05	1.01e-04	1.43e-06
1004	37	-5.06e-04	-5.91e-04	-4.25e-03	9.41e-05	6.46e-05	-3.62e-06
1005	1	-9.95e-04	-1.01e-04	-6.14e-03	1.42e-04	1.01e-04	-5.13e-06
1005	21	-1.52e-03	-5.29e-06	-9.18e-03	1.43e-04	1.61e-04	3.17e-06
1005	25	-7.99e-04	-8.25e-05	-4.97e-03	1.07e-04	8.26e-05	-2.93e-06
1005	35	-1.15e-03	-1.88e-05	-7.00e-03	1.07e-04	1.22e-04	2.61e-06
1005	37	-7.99e-04	-8.25e-05	-4.97e-03	1.07e-04	8.26e-05	-2.93e-06
1006	21	-2.04e-03	7.32e-04	-0.01	1.68e-04	1.63e-04	-1.46e-06
1006	22	-1.86e-03	7.36e-04	-9.95e-03	1.78e-04	1.44e-04	-5.46e-06

1006	35	-1.55e-03	5.38e-04	-8.75e-03	1.27e-04	1.24e-04	0.0
1006	36	-1.42e-03	5.41e-04	-7.74e-03	1.33e-04	1.11e-04	-3.55e-06
1006	37	-1.07e-03	3.85e-04	-5.73e-03	1.24e-04	8.31e-05	-6.07e-06
1007	21	-1.09e-03	-9.30e-04	-4.54e-03	5.61e-05	8.04e-05	3.85e-06
1007	35	-8.21e-04	-7.17e-04	-3.46e-03	4.20e-05	6.18e-05	3.11e-06
1007	37	-6.33e-04	-6.91e-04	-2.55e-03	4.60e-05	2.94e-05	-2.06e-06
1008	1	-1.04e-03	-4.17e-04	-3.34e-03	7.69e-05	4.96e-05	-2.48e-06
1008	21	-1.48e-03	-3.35e-04	-6.06e-03	7.39e-05	1.04e-04	5.63e-06
1008	25	-8.21e-04	-3.22e-04	-2.83e-03	5.74e-05	4.33e-05	0.0
1008	35	-1.12e-03	-2.67e-04	-4.64e-03	5.54e-05	7.93e-05	4.45e-06
1008	37	-8.21e-04	-3.22e-04	-2.83e-03	5.74e-05	4.33e-05	0.0
1009	21	-1.90e-03	2.63e-04	-7.75e-03	9.36e-05	1.10e-04	-2.53e-06
1009	23	-1.69e-03	2.63e-04	-7.85e-03	6.81e-05	1.10e-04	1.93e-06
1009	35	-1.43e-03	1.86e-04	-5.95e-03	7.03e-05	8.45e-05	-1.70e-06
1009	37	-1.02e-03	4.35e-05	-3.21e-03	7.02e-05	4.70e-05	-6.42e-06
1010	21	-1.25e-03	-8.81e-04	-3.36e-03	2.37e-05	4.95e-05	0.0
1010	35	-9.38e-04	-6.80e-04	-2.57e-03	1.76e-05	3.85e-05	0.0
1010	37	-7.80e-04	-6.53e-04	-1.74e-03	2.26e-05	8.98e-06	-3.48e-06
1011	17	-1.06e-03	-5.11e-04	9.85e-05	5.06e-05	-2.30e-05	-1.24e-05
1011	21	-1.56e-03	-4.33e-04	-4.41e-03	3.47e-05	6.70e-05	1.50e-06
1011	23	-1.33e-03	-3.16e-04	-4.57e-03	2.23e-05	7.50e-05	4.82e-06
1011	33	-8.43e-04	-3.93e-04	-3.92e-04	3.65e-05	-8.27e-06	-7.91e-06
1011	35	-1.18e-03	-3.41e-04	-3.40e-03	2.59e-05	5.17e-05	1.33e-06
1011	37	-9.17e-04	-3.91e-04	-1.73e-03	2.95e-05	1.37e-05	-3.33e-06
1012	7	-1.08e-03	-2.31e-04	1.75e-03	6.35e-05	-2.50e-05	-1.43e-05
1012	21	-1.90e-03	4.56e-05	-5.64e-03	4.92e-05	7.37e-05	0.0
1012	23	-1.66e-03	1.01e-04	-6.16e-03	3.41e-05	8.10e-05	4.41e-06
1012	31	-8.87e-04	-1.62e-04	5.66e-04	4.63e-05	-9.02e-06	-9.23e-06
1012	35	-1.43e-03	2.18e-05	-4.36e-03	3.68e-05	5.68e-05	0.0
1012	37	-1.06e-03	-1.16e-04	-1.82e-03	3.87e-05	2.23e-05	-3.88e-06
1013	21	-1.43e-03	-7.65e-04	-2.77e-03	9.83e-06	3.32e-05	3.42e-06
1013	22	-1.46e-03	-7.33e-04	-2.33e-03	1.46e-05	1.47e-05	0.0
1013	35	-1.07e-03	-5.93e-04	-2.13e-03	7.16e-06	2.61e-05	2.77e-06
1013	36	-1.09e-03	-5.72e-04	-1.83e-03	1.03e-05	1.38e-05	0.0
1013	37	-9.40e-04	-5.67e-04	-1.35e-03	1.25e-05	-1.23e-06	-1.88e-06
1014	1	-1.35e-03	-4.79e-04	-1.20e-03	2.31e-05	-1.45e-06	-1.74e-06
1014	21	-1.69e-03	-4.05e-04	-3.54e-03	1.64e-05	4.45e-05	6.10e-06
1014	23	-1.40e-03	-2.96e-04	-3.86e-03	8.31e-06	5.68e-05	8.60e-06
1014	25	-1.04e-03	-3.70e-04	-1.18e-03	1.66e-05	4.10e-06	0.0
1014	35	-1.27e-03	-3.20e-04	-2.74e-03	1.21e-05	3.47e-05	4.80e-06
1014	37	-1.04e-03	-3.70e-04	-1.18e-03	1.66e-05	4.10e-06	0.0
1015	7	-1.27e-03	-2.99e-04	2.65e-03	4.16e-05	-4.47e-05	-1.20e-05
1015	21	-1.97e-03	-1.80e-05	-4.45e-03	2.64e-05	5.04e-05	3.14e-06
1015	23	-1.68e-03	5.30e-05	-5.18e-03	1.65e-05	6.23e-05	6.16e-06
1015	31	-1.02e-03	-2.13e-04	1.28e-03	2.98e-05	-2.42e-05	-7.49e-06
1015	35	-1.48e-03	-2.62e-05	-3.46e-03	1.96e-05	3.93e-05	2.58e-06
1015	37	-1.15e-03	-1.62e-04	-1.07e-03	2.29e-05	7.16e-06	-2.25e-06
1016	21	-1.61e-03	-6.22e-04	-2.44e-03	4.04e-06	2.48e-05	3.37e-06
1016	22	-1.67e-03	-5.81e-04	-2.00e-03	8.58e-06	6.78e-06	0.0
1016	35	-1.21e-03	-4.86e-04	-1.88e-03	2.78e-06	1.98e-05	2.73e-06
1016	36	-1.24e-03	-4.59e-04	-1.59e-03	5.81e-06	7.76e-06	0.0
1016	37	-1.09e-03	-4.62e-04	-1.14e-03	8.31e-06	-6.11e-06	-1.76e-06
1017	1	-1.52e-03	-3.95e-04	-8.14e-04	1.68e-05	-1.12e-05	-4.04e-06
1017	22	-1.84e-03	-3.10e-04	-2.07e-03	1.39e-05	1.25e-05	0.0
1017	23	-1.48e-03	-2.32e-04	-3.43e-03	2.48e-06	4.67e-05	5.78e-06
1017	25	-1.17e-03	-3.06e-04	-8.78e-04	1.17e-05	-3.46e-06	-2.24e-06
1017	35	-1.38e-03	-2.55e-04	-2.36e-03	6.61e-06	2.55e-05	2.36e-06
1017	36	-1.38e-03	-2.50e-04	-1.72e-03	9.76e-06	1.23e-05	0.0
1017	37	-1.17e-03	-3.06e-04	-8.78e-04	1.17e-05	-3.46e-06	-2.24e-06
1018	7	-1.46e-03	-2.77e-04	3.18e-03	3.53e-05	-5.57e-05	-1.25e-05
1018	21	-2.06e-03	0.0	-3.70e-03	1.83e-05	3.62e-05	2.48e-06
1018	23	-1.73e-03	6.67e-05	-4.55e-03	9.81e-06	5.06e-05	5.63e-06
1018	31	-1.15e-03	-1.98e-04	1.69e-03	2.48e-05	-3.27e-05	-7.92e-06
1018	35	-1.55e-03	-1.22e-05	-2.89e-03	1.35e-05	2.85e-05	2.08e-06
1018	37	-1.24e-03	-1.48e-04	-6.19e-04	1.76e-05	-1.77e-06	-2.65e-06
1019	8	-1.88e-03	-3.51e-04	-6.94e-04	1.74e-05	-3.95e-05	-9.47e-06
1019	21	-1.77e-03	-4.81e-04	-2.21e-03	2.65e-06	1.93e-05	0.0
1019	32	-1.40e-03	-2.93e-04	-6.94e-04	1.16e-05	-2.36e-05	-6.13e-06
1019	35	-1.33e-03	-3.80e-04	-1.70e-03	1.71e-06	1.57e-05	0.0
1019	37	-1.23e-03	-3.59e-04	-9.98e-04	7.41e-06	-9.21e-06	-3.56e-06
1020	1	-1.68e-03	-2.92e-04	-5.10e-04	1.76e-05	-6.17e-05	-6.17e-06
1020	22	-1.99e-03	-1.98e-04	-1.69e-03	1.47e-05	4.42e-06	-3.06e-06
1020	23	-1.57e-03	-1.54e-04	-3.11e-03	2.39e-06	3.97e-05	3.77e-06
1020	25	-1.28e-03	-2.28e-04	-6.42e-04	1.22e-05	-8.44e-06	-3.87e-06
1020	35	-1.48e-03	-1.75e-04	-2.07e-03	6.83e-06	1.92e-05	0.0
1020	36	-1.49e-03	-1.66e-04	-1.43e-03	1.02e-05	6.22e-06	-1.79e-06
1020	37	-1.28e-03	-2.28e-04	-6.42e-04	1.22e-05	-8.44e-06	-3.87e-06

1021	7	-1.63e-03	-2.19e-04	3.66e-03	3.93e-05	-6.26e-05	-1.70e-05
1021	21	-2.16e-03	5.31e-05	-3.07e-03	1.98e-05	2.68e-05	-2.38e-06
1021	23	-1.78e-03	1.05e-04	-4.03e-03	1.03e-05	4.27e-05	1.80e-06
1021	31	-1.27e-03	-1.54e-04	2.06e-03	2.75e-05	-3.82e-05	-1.13e-05
1021	35	-1.62e-03	2.72e-05	-2.42e-03	1.45e-05	2.14e-05	-1.56e-06
1021	37	-1.33e-03	-1.10e-04	-2.32e-04	1.91e-05	-7.53e-06	-5.83e-06
1022	8	-2.08e-03	-1.97e-04	-4.98e-04	2.04e-05	-4.58e-05	-7.56e-06
1022	21	-1.93e-03	-3.44e-04	-2.00e-03	5.16e-06	1.24e-05	2.66e-06
1022	23	-1.45e-03	-3.06e-04	-2.03e-03	0.0	2.84e-05	5.37e-06
1022	32	-1.55e-03	-1.79e-04	-5.45e-04	1.37e-05	-2.83e-05	-4.62e-06
1022	35	-1.44e-03	-2.77e-04	-1.54e-03	3.57e-06	1.04e-05	2.19e-06
1022	37	-1.35e-03	-2.58e-04	-8.61e-04	9.18e-06	-1.35e-05	-2.07e-06
1023	1	-1.82e-03	-1.91e-04	-1.55e-04	2.37e-05	-2.45e-05	-4.93e-06
1023	22	-2.13e-03	-8.80e-05	-1.27e-03	2.13e-05	-4.08e-06	-1.47e-06
1023	23	-1.64e-03	-7.74e-05	-2.77e-03	6.52e-06	3.28e-05	5.16e-06
1023	25	-1.39e-03	-1.52e-04	-3.70e-04	1.67e-05	-1.38e-05	-2.90e-06
1023	35	-1.57e-03	-9.74e-05	-1.75e-03	1.12e-05	1.29e-05	1.70e-06
1023	36	-1.59e-03	-8.39e-05	-1.11e-03	1.51e-05	0.0	0.0
1023	37	-1.39e-03	-1.52e-04	-3.70e-04	1.67e-05	-1.38e-05	-2.90e-06
1024	7	-1.76e-03	-1.76e-04	4.29e-03	5.17e-05	-7.07e-05	-1.33e-05
1024	21	-2.23e-03	1.08e-04	-2.36e-03	2.94e-05	1.69e-05	1.79e-06
1024	31	-1.37e-03	-1.08e-04	2.55e-03	3.65e-05	-4.44e-05	-8.48e-06
1024	35	-1.68e-03	6.88e-05	-1.89e-03	2.16e-05	1.40e-05	1.57e-06
1024	37	-1.40e-03	-6.89e-05	2.31e-04	2.65e-05	-1.37e-05	-3.13e-06
1025	8	-2.27e-03	-5.81e-05	-2.60e-04	2.50e-05	-5.43e-05	-1.46e-05
1025	21	-2.07e-03	-2.20e-04	-1.76e-03	8.85e-06	4.11e-06	-4.02e-06
1025	23	-1.55e-03	-2.15e-04	-1.84e-03	1.72e-06	2.20e-05	0.0
1025	32	-1.69e-03	-7.60e-05	-3.66e-04	1.71e-05	-3.47e-05	-9.85e-06
1025	35	-1.55e-03	-1.84e-04	-1.36e-03	6.31e-06	4.26e-06	-2.80e-06
1025	37	-1.47e-03	-1.68e-04	-7.00e-04	1.19e-05	-1.91e-05	-6.62e-06
1026	1	-1.93e-03	-1.02e-04	3.29e-04	3.26e-05	-3.30e-05	-8.45e-06
1026	7	-2.06e-03	-4.22e-05	2.56e-03	4.77e-05	-7.80e-05	-1.67e-05
1026	22	-2.24e-03	7.03e-06	-7.03e-04	3.10e-05	-5.11e-05	-5.51e-06
1026	25	-1.47e-03	-8.58e-05	-3.05e-06	2.34e-05	-2.02e-05	-5.56e-06
1026	31	-1.56e-03	-4.57e-05	1.48e-03	3.34e-05	-5.02e-05	-1.10e-05
1026	36	-1.68e-03	-1.25e-05	-6.91e-04	2.23e-05	-7.65e-06	-3.60e-06
1026	37	-1.47e-03	-8.58e-05	-3.05e-06	2.34e-05	-2.02e-05	-5.56e-06
1027	7	-1.86e-03	-1.12e-04	5.21e-03	6.72e-05	-7.91e-05	-2.63e-05
1027	21	-2.28e-03	1.47e-04	-1.44e-03	4.17e-05	7.81e-06	-1.05e-05
1027	23	-1.85e-03	1.74e-04	-2.76e-03	2.56e-05	2.76e-05	-4.14e-06
1027	31	-1.44e-03	-7.50e-05	3.24e-03	4.78e-05	-5.07e-05	-1.82e-05
1027	35	-1.71e-03	9.79e-05	-1.20e-03	3.08e-05	7.19e-06	-7.63e-06
1027	37	-1.45e-03	-3.92e-05	8.60e-04	3.59e-05	-1.97e-05	-1.18e-05
1028	8	-2.45e-03	7.25e-05	5.16e-05	3.31e-05	-6.87e-05	-1.28e-05
1028	23	-1.64e-03	-1.28e-04	-1.62e-03	6.73e-06	1.22e-05	1.75e-06
1028	32	-1.81e-03	2.09e-05	-1.34e-04	2.30e-05	-4.53e-05	-8.47e-06
1028	35	-1.65e-03	-9.64e-05	-1.14e-03	1.15e-05	-5.56e-06	-1.39e-06
1028	37	-1.57e-03	-8.21e-05	-4.97e-04	1.70e-05	-2.83e-05	-5.39e-06
1029	7	-2.18e-03	3.76e-05	3.31e-03	6.17e-05	-9.16e-05	-2.20e-05
1029	22	-2.33e-03	8.24e-05	4.90e-05	4.37e-05	-2.79e-05	-1.09e-05
1029	31	-1.64e-03	1.36e-05	2.04e-03	4.37e-05	-6.03e-05	-1.50e-05
1029	36	-1.74e-03	4.35e-05	-1.32e-04	3.17e-05	-1.79e-05	-7.57e-06
1029	37	-1.54e-03	-3.31e-05	4.96e-04	3.20e-05	-2.93e-05	-9.10e-06
1030	7	-1.91e-03	-9.72e-05	6.50e-03	8.89e-05	-9.36e-05	-2.49e-05
1030	21	-2.29e-03	1.57e-04	-2.33e-04	5.99e-05	-6.38e-06	-8.86e-06
1030	23	-1.84e-03	1.81e-04	-1.86e-03	3.86e-05	1.68e-05	-2.81e-06
1030	31	-1.47e-03	-6.38e-05	4.19e-03	6.37e-05	-6.16e-05	-1.70e-05
1030	35	-1.72e-03	1.06e-04	-2.97e-04	4.44e-05	-3.41e-06	-6.38e-06
1030	37	-1.47e-03	-2.96e-05	1.71e-03	4.94e-05	-2.95e-05	-1.07e-05
1031	7	-2.57e-03	1.94e-04	9.24e-04	4.51e-05	-1.03e-04	-3.24e-05
1031	8	-2.62e-03	1.85e-04	4.51e-04	4.10e-05	-8.60e-05	-2.99e-05
1031	23	-1.72e-03	-5.34e-05	-1.35e-03	1.14e-05	0.0	-9.78e-06
1031	31	-1.90e-03	1.10e-04	4.77e-04	3.15e-05	-6.92e-05	-2.28e-05
1031	32	-1.94e-03	1.04e-04	1.62e-04	2.88e-05	-5.81e-05	-2.11e-05
1031	35	-1.74e-03	-2.06e-05	-8.71e-04	1.63e-05	-1.70e-05	-1.29e-05
1031	37	-1.68e-03	-8.21e-06	-2.40e-04	2.18e-05	-3.92e-05	-1.63e-05
1032	7	-2.28e-03	9.29e-05	4.32e-03	7.82e-05	-1.10e-04	-3.08e-05
1032	8	-2.39e-03	1.35e-04	3.36e-03	7.41e-05	-9.19e-05	-2.78e-05
1032	22	-2.39e-03	1.33e-04	1.03e-03	5.88e-05	-4.61e-05	-1.91e-05
1032	31	-1.71e-03	5.46e-05	2.79e-03	5.58e-05	-7.42e-05	-2.14e-05
1032	32	-1.78e-03	8.26e-05	2.15e-03	5.31e-05	-6.19e-05	-1.95e-05
1032	36	-1.79e-03	8.14e-05	5.96e-04	4.29e-05	-3.14e-05	-1.37e-05
1032	37	-1.59e-03	3.13e-06	1.15e-03	4.24e-05	-4.15e-05	-1.47e-05
1033	7	-1.92e-03	-1.19e-04	8.22e-03	1.11e-04	-1.11e-04	-4.39e-05
1033	22	-2.26e-03	1.08e-04	3.07e-03	8.98e-05	-4.43e-05	-3.12e-05
1033	23	-1.81e-03	1.61e-04	-7.08e-04	5.21e-05	5.02e-06	-1.53e-05
1033	31	-1.47e-03	-8.01e-05	5.46e-03	8.02e-05	-7.42e-05	-3.11e-05

1033	35	-1.70e-03	8.73e-05	8.62e-04	5.84e-05	-1.52e-05	-1.91e-05
1033	36	-1.70e-03	7.13e-05	2.03e-03	6.58e-05	-3.00e-05	-2.27e-05
1033	37	-1.46e-03	-4.49e-05	2.82e-03	6.33e-05	-4.07e-05	-2.29e-05
1034	7	-2.74e-03	2.99e-04	1.42e-03	5.92e-05	-1.30e-04	-1.99e-05
1034	8	-2.78e-03	2.91e-04	9.55e-04	5.52e-05	-1.14e-04	-1.70e-05
1034	31	-2.02e-03	1.89e-04	8.42e-04	4.19e-05	-8.93e-05	-1.35e-05
1034	32	-2.05e-03	1.83e-04	5.34e-04	3.92e-05	-7.84e-05	-1.16e-05
1034	37	-1.77e-03	6.20e-05	8.12e-05	3.08e-05	-5.66e-05	-8.08e-06
1035	7	-2.34e-03	1.23e-04	5.62e-03	9.93e-05	-1.37e-04	-2.66e-05
1035	8	-2.44e-03	1.64e-04	4.68e-03	9.54e-05	-1.19e-04	-2.35e-05
1035	31	-1.76e-03	7.68e-05	3.75e-03	7.13e-05	-9.38e-05	-1.84e-05
1035	32	-1.82e-03	1.04e-04	3.12e-03	6.87e-05	-8.19e-05	-1.63e-05
1035	37	-1.62e-03	2.27e-05	1.99e-03	5.56e-05	-5.86e-05	-1.19e-05
1036	7	-1.87e-03	-1.81e-04	0.01	1.41e-04	-1.38e-04	-2.87e-05
1036	22	-2.20e-03	4.17e-05	5.14e-03	1.18e-04	-7.08e-05	-1.67e-05
1036	31	-1.44e-03	-1.27e-04	7.07e-03	1.02e-04	-9.45e-05	-1.99e-05
1036	36	-1.65e-03	2.18e-05	3.56e-03	8.63e-05	-4.96e-05	-1.18e-05
1036	37	-1.42e-03	-8.76e-05	4.22e-03	8.22e-05	-5.84e-05	-1.31e-05
1037	7	-2.90e-03	3.84e-04	2.02e-03	7.00e-05	-1.58e-04	-4.81e-05
1037	8	-2.94e-03	3.78e-04	1.57e-03	6.61e-05	-1.42e-04	-4.55e-05
1037	31	-2.14e-03	2.52e-04	1.29e-03	4.98e-05	-1.10e-04	-3.43e-05
1037	32	-2.17e-03	2.48e-04	9.87e-04	4.72e-05	-9.95e-05	-3.25e-05
1037	37	-1.87e-03	1.21e-04	4.70e-04	3.75e-05	-7.47e-05	-2.60e-05
1038	7	-2.38e-03	1.28e-04	7.22e-03	1.21e-04	-1.68e-04	-3.81e-05
1038	8	-2.48e-03	1.67e-04	6.30e-03	1.17e-04	-1.50e-04	-3.52e-05
1038	31	-1.78e-03	8.04e-05	4.92e-03	8.70e-05	-1.17e-04	-2.69e-05
1038	32	-1.85e-03	1.07e-04	4.31e-03	8.45e-05	-1.05e-04	-2.49e-05
1038	37	-1.63e-03	2.57e-05	3.01e-03	6.90e-05	-7.83e-05	-1.93e-05
1039	7	-1.78e-03	-2.84e-04	0.01	1.66e-04	-1.64e-04	-6.62e-05
1039	22	-2.08e-03	-6.57e-05	7.64e-03	1.40e-04	-9.58e-05	-5.20e-05
1039	31	-1.37e-03	-2.04e-04	9.03e-03	1.21e-04	-1.14e-04	-4.75e-05
1039	36	-1.57e-03	-5.81e-05	5.42e-03	1.03e-04	-6.82e-05	-3.80e-05
1039	37	-1.35e-03	-1.58e-04	5.91e-03	9.78e-05	-3.70e-05	-3.70e-05
1040	7	-3.06e-03	4.70e-04	2.75e-03	8.76e-05	-1.98e-04	-4.27e-05
1040	8	-3.09e-03	4.66e-04	2.31e-03	8.37e-05	-1.83e-04	-4.00e-05
1040	31	-2.26e-03	3.17e-04	1.82e-03	6.27e-05	-1.40e-04	-3.03e-05
1040	32	-2.28e-03	3.15e-04	1.53e-03	6.02e-05	-1.29e-04	-2.85e-05
1040	37	-1.96e-03	1.81e-04	9.33e-04	4.84e-05	-1.00e-04	-2.25e-05
1041	7	-2.40e-03	1.12e-04	9.13e-03	1.43e-04	-2.04e-04	-5.91e-05
1041	8	-2.48e-03	1.49e-04	8.24e-03	1.39e-04	-1.87e-04	-5.64e-05
1041	31	-1.79e-03	6.87e-05	6.34e-03	1.03e-04	-1.43e-04	-4.23e-05
1041	32	-1.85e-03	9.37e-05	5.74e-03	1.01e-04	-1.32e-04	-4.05e-05
1041	37	-1.63e-03	1.56e-05	4.22e-03	8.27e-05	-1.01e-04	-3.26e-05
1042	7	-1.65e-03	-4.22e-04	0.02	1.98e-04	-2.02e-04	-6.19e-05
1042	22	-1.92e-03	-2.09e-04	0.01	1.69e-04	-1.31e-04	-4.78e-05
1042	31	-1.26e-03	-3.07e-04	0.01	1.44e-04	-1.42e-04	-4.43e-05
1042	36	-1.45e-03	-1.65e-04	7.59e-03	1.25e-04	-9.46e-05	-3.49e-05
1042	37	-1.25e-03	-2.52e-04	7.90e-03	1.17e-04	-9.94e-05	-3.41e-05
1043	7	-3.23e-03	5.39e-04	3.59e-03	1.01e-04	-2.40e-04	-8.25e-05
1043	8	-3.25e-03	5.38e-04	3.16e-03	9.70e-05	-2.25e-04	-8.01e-05
1043	31	-2.38e-03	3.70e-04	2.45e-03	7.24e-05	-1.71e-04	-5.95e-05
1043	32	-2.39e-03	3.70e-04	2.16e-03	6.98e-05	-1.61e-04	-5.80e-05
1043	37	-2.05e-03	2.34e-04	1.46e-03	5.65e-05	-1.27e-04	-4.75e-05
1044	7	-2.39e-03	8.23e-05	0.01	1.70e-04	-2.51e-04	-4.87e-05
1044	8	-2.46e-03	1.18e-04	0.01	1.67e-04	-2.34e-04	-4.58e-05
1044	31	-1.78e-03	4.71e-05	7.98e-03	1.23e-04	-1.78e-04	-3.46e-05
1044	32	-1.83e-03	7.05e-05	7.40e-03	1.21e-04	-1.67e-04	-3.27e-05
1044	37	-1.61e-03	-2.54e-06	5.63e-03	9.95e-05	-1.31e-04	-2.59e-05
1045	7	-1.48e-03	-5.84e-04	0.02	2.23e-04	-2.40e-04	-9.28e-05
1045	22	-1.73e-03	-3.78e-04	0.01	1.92e-04	-1.67e-04	-7.66e-05
1045	31	-1.13e-03	-4.28e-04	0.01	1.62e-04	-1.70e-04	-6.70e-05
1045	36	-1.30e-03	-2.91e-04	0.01	1.41e-04	-1.21e-04	-5.62e-05
1045	37	-1.12e-03	-3.62e-04	0.01	1.33e-04	-1.24e-04	-5.36e-05
1046	7	-3.39e-03	6.35e-04	4.55e-03	1.24e-04	-3.00e-04	-5.46e-05
1046	8	-3.40e-03	6.39e-04	4.13e-03	1.20e-04	-2.86e-04	-5.21e-05
1046	31	-2.49e-03	4.44e-04	3.15e-03	8.94e-05	-2.15e-04	-3.91e-05
1046	32	-2.50e-03	4.46e-04	2.86e-03	8.68e-05	-2.05e-04	-3.73e-05
1046	37	-2.14e-03	3.07e-04	2.06e-03	7.06e-05	-1.64e-04	-3.00e-05
1047	7	-2.36e-03	5.63e-05	0.01	1.93e-04	-2.99e-04	-6.78e-05
1047	8	-2.42e-03	8.95e-05	0.01	1.89e-04	-2.83e-04	-6.51e-05
1047	31	-1.76e-03	2.85e-05	9.83e-03	1.39e-04	-1.33e-04	-4.87e-05
1047	32	-1.80e-03	5.07e-05	9.26e-03	1.37e-04	-2.02e-04	-4.69e-05
1047	37	-1.57e-03	-1.64e-05	7.20e-03	1.13e-04	-1.62e-04	-3.79e-05
1048	7	-1.28e-03	-7.45e-04	0.02	2.51e-04	-2.88e-04	-6.84e-05
1048	22	-1.49e-03	-5.49e-04	0.02	2.16e-04	-2.13e-04	-5.37e-05
1048	31	-9.82e-04	-5.49e-04	0.02	1.82e-04	-2.05e-04	-4.91e-05
1048	36	-1.13e-03	-4.18e-04	0.01	1.59e-04	-1.55e-04	-3.93e-05

1048	37	-9.76e-04	-4.73e-04	0.01	1.49e-04	-1.55e-04	-3.82e-05
1049	7	-3.56e-03	7.34e-04	5.57e-03	1.33e-04	-3.57e-04	-1.24e-04
1049	8	-3.56e-03	7.44e-04	5.14e-03	1.29e-04	-3.42e-04	-1.22e-04
1049	31	-2.61e-03	5.21e-04	3.89e-03	9.58e-05	-2.56e-04	-8.98e-05
1049	32	-2.61e-03	5.28e-04	3.60e-03	9.30e-05	-2.46e-04	-8.83e-05
1049	37	-2.22e-03	3.89e-04	2.67e-03	7.51e-05	-2.00e-04	-7.28e-05
1050	7	-2.32e-03	6.12e-05	0.02	2.11e-04	-3.51e-04	-8.44e-05
1050	8	-2.36e-03	9.36e-05	0.02	2.07e-04	-3.36e-04	-8.17e-05
1050	31	-1.72e-03	3.38e-05	0.01	1.52e-04	-2.52e-04	-6.08e-05
1050	32	-1.75e-03	5.54e-05	0.01	1.50e-04	-2.41e-04	-5.90e-05
1050	37	-1.52e-03	-6.56e-06	8.87e-03	1.22e-04	-1.95e-04	-4.80e-05
1051	7	-1.08e-03	-8.68e-04	0.03	2.57e-04	-3.27e-04	-1.17e-04
1051	22	-1.25e-03	-6.84e-04	0.02	2.20e-04	-2.50e-04	-9.91e-05
1051	31	-8.25e-04	-6.41e-04	0.02	1.86e-04	-2.34e-04	-8.50e-05
1051	36	-9.40e-04	-5.18e-04	0.02	1.61e-04	-1.82e-04	-7.28e-05
1051	37	-8.19e-04	-5.57e-04	0.02	1.51e-04	-1.80e-04	-6.86e-05
1052	7	-3.69e-03	9.85e-04	6.55e-03	1.58e-04	-4.46e-04	-5.55e-05
1052	8	-3.67e-03	1.00e-03	6.12e-03	1.53e-04	-4.32e-04	-5.29e-05
1052	31	-2.70e-03	7.12e-04	4.59e-03	1.13e-04	-3.21e-04	-3.97e-05
1052	32	-2.69e-03	7.26e-04	4.30e-03	1.10e-04	-3.12e-04	-3.79e-05
1052	37	-2.28e-03	5.74e-04	3.23e-03	8.82e-05	-2.55e-04	-3.04e-05
1053	7	-2.27e-03	1.50e-04	0.02	2.22e-04	-4.06e-04	-8.12e-05
1053	8	-2.29e-03	1.84e-04	0.02	2.18e-04	-3.92e-04	-7.85e-05
1053	22	-2.13e-03	1.84e-04	0.01	1.85e-04	-3.24e-04	-6.52e-05
1053	31	-1.67e-03	1.02e-04	0.01	1.60e-04	-2.92e-04	-5.84e-05
1053	32	-1.69e-03	1.25e-04	0.01	1.57e-04	-2.82e-04	-5.65e-05
1053	36	-1.59e-03	1.25e-04	0.01	1.36e-04	-2.38e-04	-4.77e-05
1053	37	-1.46e-03	6.30e-05	0.01	1.27e-04	-2.30e-04	-4.58e-05
1054	7	-9.12e-04	-8.92e-04	0.03	2.54e-04	-3.74e-04	-7.98e-05
1054	22	-1.03e-03	-7.24e-04	0.02	2.14e-04	-2.94e-04	-6.39e-05
1054	31	-6.96e-04	-6.59e-04	0.02	1.83e-04	-2.68e-04	-5.73e-05
1054	36	-7.72e-04	-5.47e-04	0.02	1.57e-04	-2.15e-04	-4.67e-05
1054	37	-6.79e-04	-5.74e-04	0.02	1.46e-04	-2.09e-04	-4.49e-05
1055	7	-3.69e-03	1.43e-03	7.34e-03	1.56e-04	-5.28e-04	-1.87e-04
1055	8	-3.66e-03	1.46e-03	6.87e-03	1.50e-04	-5.15e-04	-1.85e-04
1055	31	-2.70e-03	1.05e-03	5.14e-03	1.11e-04	-3.82e-04	-1.36e-04
1055	32	-2.67e-03	1.07e-03	4.83e-03	1.07e-04	-3.73e-04	-1.34e-04
1055	37	-2.26e-03	8.92e-04	3.59e-03	8.35e-05	-3.07e-04	-1.11e-04
1056	7	-2.25e-03	3.84e-04	0.02	2.14e-04	-4.52e-04	-9.29e-05
1056	22	-2.05e-03	4.23e-04	0.02	1.73e-04	-3.67e-04	-7.55e-05
1056	31	-1.65e-03	2.81e-04	0.02	1.53e-04	-3.26e-04	-6.68e-05
1056	36	-1.52e-03	3.07e-04	0.01	1.26e-04	-2.69e-04	-5.52e-05
1056	37	-1.41e-03	2.35e-04	0.01	1.18e-04	-2.59e-04	-5.26e-05
1057	7	-8.83e-04	-7.33e-04	0.03	2.11e-04	-4.05e-04	-9.23e-05
1057	8	-9.16e-04	-6.90e-04	0.03	2.06e-04	-3.90e-04	-8.97e-05
1057	31	-6.64e-04	-5.40e-04	0.03	1.51e-04	-2.91e-04	-6.64e-05
1057	32	-6.86e-04	-5.11e-04	0.02	1.47e-04	-2.82e-04	-6.47e-05
1057	37	-6.17e-04	-4.66e-04	0.02	1.15e-04	-2.30e-04	-5.23e-05
1058	7	-3.38e-03	3.52e-03	8.43e-03	1.92e-04	-6.79e-04	5.43e-05
1058	8	-3.32e-03	3.57e-03	7.91e-03	1.85e-04	-6.66e-04	5.69e-05
1058	31	-2.46e-03	2.59e-03	5.89e-03	1.36e-04	-4.92e-04	4.07e-05
1058	32	-2.42e-03	2.63e-03	5.54e-03	1.32e-04	-4.83e-04	4.24e-05
1058	37	-2.03e-03	2.24e-03	4.05e-03	1.01e-04	-4.00e-04	3.72e-05
1059	7	-2.49e-03	8.73e-04	0.02	1.61e-04	-4.82e-04	-9.29e-05
1059	8	-2.46e-03	9.23e-04	0.02	1.53e-04	-4.69e-04	-9.03e-05
1059	31	-1.82e-03	6.50e-04	0.02	1.13e-04	-3.48e-04	-6.71e-05
1059	32	-1.80e-03	6.83e-04	0.02	1.08e-04	-3.39e-04	-6.54e-05
1059	37	-1.52e-03	5.83e-04	0.01	7.91e-05	-2.78e-04	-5.39e-05
1060	7	-1.13e-03	-3.12e-04	0.04	1.33e-04	-4.34e-04	-8.28e-05
1060	31	-8.33e-04	-2.25e-04	0.03	9.20e-05	-3.13e-04	-5.96e-05
1060	37	-7.18e-04	-1.76e-04	0.02	6.00e-05	-2.49e-04	-4.70e-05
1061	8	-9.56e-04	-1.84e-04	-0.04	6.78e-04	1.85e-04	-1.60e-05
1061	21	-1.13e-03	-3.01e-04	-0.03	5.93e-04	2.62e-04	-8.88e-06
1061	32	-7.31e-04	-1.65e-04	-0.03	5.02e-04	1.47e-04	-1.13e-05
1061	35	-8.45e-04	-2.43e-04	-0.03	4.45e-04	1.99e-04	-6.56e-06
1061	37	-6.74e-04	-2.36e-04	-0.02	4.41e-04	1.50e-04	-8.83e-06
1062	8	-2.64e-03	9.20e-04	-0.08	8.16e-04	2.64e-04	-2.52e-05
1062	22	-2.70e-03	8.72e-04	-0.07	7.62e-04	3.24e-04	-2.05e-05
1062	32	-1.98e-03	6.66e-04	-0.06	6.05e-04	2.07e-04	-1.82e-05
1062	36	-2.02e-03	6.34e-04	-0.06	5.69e-04	2.47e-04	-1.51e-05
1062	37	-1.78e-03	5.22e-04	-0.05	5.31e-04	2.47e-04	-1.51e-05
1063	8	-4.64e-03	1.98e-03	-0.12	7.56e-04	2.20e-04	-2.68e-05
1063	32	-3.47e-03	1.46e-03	-0.09	5.59e-04	1.74e-04	-1.95e-05
1063	37	-3.10e-03	1.24e-03	-0.08	4.90e-04	1.74e-04	-1.63e-05
1064	8	-6.33e-03	2.86e-03	-0.15	5.49e-04	1.01e-04	-2.03e-05
1064	32	-4.73e-03	2.12e-03	-0.11	4.04e-04	8.55e-05	-1.47e-05
1064	37	-4.22e-03	1.84e-03	-0.10	3.51e-04	9.57e-05	-1.22e-05

1065	8	-7.23e-03	3.48e-03	-0.17	2.44e-04	-5.91e-05	-7.67e-06
1065	32	-5.40e-03	2.58e-03	-0.13	1.77e-04	-3.38e-05	-5.32e-06
1065	37	-4.83e-03	2.25e-03	-0.11	1.48e-04	-1.07e-05	-3.99e-06
1066	8	-7.06e-03	3.78e-03	-0.17	-1.06e-04	-2.32e-04	8.35e-06
1066	32	-5.28e-03	2.81e-03	-0.13	-8.45e-05	-1.63e-04	6.57e-06
1066	37	-4.73e-03	2.45e-03	-0.11	-8.57e-05	-1.26e-04	6.49e-06
1067	8	-5.72e-03	3.76e-03	-0.15	-4.49e-04	-3.93e-04	2.45e-05
1067	22	-5.78e-03	3.65e-03	-0.15	-4.74e-04	-3.09e-04	2.60e-05
1067	32	-4.29e-03	2.79e-03	-0.11	-3.40e-04	-2.83e-04	1.85e-05
1067	36	-4.33e-03	2.72e-03	-0.11	-3.57e-04	-2.27e-04	1.95e-05
1067	37	-3.86e-03	2.42e-03	-0.10	-3.14e-04	-2.34e-04	1.70e-05
1068	8	-3.33e-03	3.42e-03	-0.11	-7.30e-04	-5.21e-04	3.73e-05
1068	22	-3.51e-03	3.30e-03	-0.11	-7.44e-04	-4.36e-04	3.80e-05
1068	32	-2.51e-03	2.53e-03	-0.09	-5.49e-04	-3.79e-04	2.80e-05
1068	36	-2.64e-03	2.45e-03	-0.08	-5.59e-04	-3.22e-04	2.85e-05
1068	37	-2.29e-03	2.19e-03	-0.08	-5.00e-04	-3.20e-04	2.54e-05
1069	8	-2.23e-04	2.82e-03	-0.07	-8.86e-04	-6.00e-04	4.36e-05
1069	23	-6.85e-04	1.87e-03	-0.05	-6.72e-04	-3.20e-04	3.26e-05
1069	32	-2.09e-04	2.08e-03	-0.05	-6.66e-04	-4.39e-04	3.27e-05
1069	35	-5.16e-04	1.87e-03	-0.05	-6.54e-04	-3.50e-04	3.18e-05
1069	37	-2.56e-04	1.77e-03	-0.04	-6.03e-04	-3.75e-04	2.94e-05
1070	21	-3.37e-03	3.03e-03	-0.04	5.26e-04	3.34e-04	-3.95e-05
1070	22	-3.14e-03	3.10e-03	-0.04	5.55e-04	3.17e-04	-4.19e-05
1070	35	-2.55e-03	2.27e-03	-0.03	3.96e-04	2.53e-04	-2.96e-05
1070	36	-2.40e-03	2.32e-03	-0.03	4.15e-04	2.41e-04	-3.12e-05
1070	37	-1.88e-03	2.00e-03	-0.03	3.83e-04	1.97e-04	-2.90e-05
1071	21	-4.55e-03	3.64e-03	-0.08	6.41e-04	3.92e-04	-4.84e-05
1071	22	-4.38e-03	3.76e-03	-0.08	6.80e-04	3.76e-04	-5.16e-05
1071	35	-3.43e-03	2.73e-03	-0.06	4.82e-04	2.97e-04	-3.63e-05
1071	36	-3.32e-03	2.81e-03	-0.06	5.07e-04	2.86e-04	-3.85e-05
1071	37	-2.73e-03	2.46e-03	-0.05	4.71e-04	2.36e-04	-3.59e-05
1072	21	-6.03e-03	4.07e-03	-0.12	5.86e-04	3.75e-04	-4.41e-05
1072	22	-5.94e-03	4.22e-03	-0.12	6.26e-04	3.75e-04	-4.74e-05
1072	35	-4.55e-03	3.05e-03	-0.09	4.40e-04	2.84e-04	-3.31e-05
1072	36	-4.49e-03	3.15e-03	-0.09	4.67e-04	2.72e-04	-3.53e-05
1072	37	-3.79e-03	2.78e-03	-0.08	4.36e-04	2.22e-04	-3.33e-05
1073	8	-6.53e-03	4.44e-03	-0.14	4.68e-04	1.97e-04	-3.59e-05
1073	21	-7.23e-03	4.23e-03	-0.15	3.88e-04	2.93e-04	-2.89e-05
1073	22	-7.19e-03	4.41e-03	-0.15	4.22e-04	2.71e-04	-3.17e-05
1073	32	-4.98e-03	3.31e-03	-0.11	3.45e-04	1.58e-04	-2.63e-05
1073	35	-5.45e-03	3.17e-03	-0.11	2.91e-04	2.22e-04	-2.16e-05
1073	36	-5.42e-03	3.29e-03	-0.11	3.13e-04	2.07e-04	-2.35e-05
1073	37	-4.64e-03	2.92e-03	-0.10	2.98e-04	1.62e-04	-2.26e-05
1074	8	-7.03e-03	4.35e-03	-0.16	1.64e-04	6.02e-05	-1.25e-05
1074	21	-7.72e-03	4.08e-03	-0.16	9.95e-05	1.66e-04	-6.71e-06
1074	22	-7.69e-03	4.27e-03	-0.16	1.21e-04	1.38e-04	-8.64e-06
1074	32	-5.36e-03	3.23e-03	-0.12	1.17e-04	5.58e-05	-8.85e-06
1074	35	-5.81e-03	3.06e-03	-0.12	7.39e-05	1.26e-04	-4.96e-06
1074	36	-5.80e-03	3.18e-03	-0.12	8.85e-05	1.07e-04	-6.25e-06
1074	37	-4.97e-03	2.83e-03	-0.11	9.36e-05	7.01e-05	-6.92e-06
1075	8	-6.49e-03	3.95e-03	-0.16	-1.81e-04	-9.90e-05	1.37e-05
1075	21	-7.24e-03	3.64e-03	-0.16	-2.24e-04	1.66e-05	1.79e-05
1075	22	-7.19e-03	3.84e-03	-0.16	-2.16e-04	-1.78e-05	1.70e-05
1075	32	-4.96e-03	2.93e-03	-0.12	-1.40e-04	-6.31e-05	1.07e-05
1075	35	-5.46e-03	2.73e-03	-0.12	-1.70e-04	1.39e-05	1.36e-05
1075	36	-5.42e-03	2.85e-03	-0.12	-1.64e-04	-9.02e-06	1.30e-05
1075	37	-4.62e-03	2.55e-03	-0.11	-1.37e-04	-3.65e-05	1.06e-05
1076	8	-4.88e-03	3.31e-03	-0.14	-5.06e-04	-2.50e-04	3.86e-05
1076	21	-5.78e-03	2.98e-03	-0.14	-5.28e-04	-1.26e-04	4.12e-05
1076	22	-5.65e-03	3.17e-03	-0.15	-5.33e-04	-1.66e-04	4.13e-05
1076	32	-3.75e-03	2.44e-03	-0.11	-3.83e-04	-1.76e-04	2.93e-05
1076	35	-4.36e-03	2.22e-03	-0.11	-3.98e-04	-9.32e-05	3.11e-05
1076	36	-4.27e-03	2.35e-03	-0.11	-4.02e-04	-1.20e-04	3.12e-05
1076	37	-3.55e-03	2.10e-03	-0.10	-3.53e-04	-1.38e-04	2.72e-05
1077	8	-2.37e-03	2.54e-03	-0.11	-7.55e-04	-3.59e-04	5.74e-05
1077	21	-3.51e-03	2.21e-03	-0.11	-7.61e-04	-2.30e-04	5.88e-05
1077	22	-3.25e-03	2.38e-03	-0.11	-7.77e-04	-2.74e-04	5.97e-05
1077	32	-1.89e-03	1.87e-03	-0.08	-5.69e-04	-2.58e-04	4.34e-05
1077	35	-2.65e-03	1.64e-03	-0.08	-5.73e-04	-1.71e-04	4.43e-05
1077	36	-2.48e-03	1.76e-03	-0.08	-5.84e-04	-2.01e-04	4.49e-05
1077	37	-1.90e-03	1.57e-03	-0.07	-5.20e-04	-2.11e-04	3.98e-05
1078	7	1.20e-03	1.86e-03	-0.05	-8.25e-04	-4.23e-04	6.19e-05
1078	8	7.02e-04	1.88e-03	-0.06	-8.69e-04	-3.95e-04	6.55e-05
1078	21	-7.01e-04	1.54e-03	-0.07	-8.66e-04	-2.65e-04	6.63e-05
1078	31	7.30e-04	1.35e-03	-0.04	-6.25e-04	-3.04e-04	4.70e-05
1078	32	3.96e-04	1.36e-03	-0.05	-6.54e-04	-2.85e-04	4.94e-05
1078	35	-5.40e-04	1.14e-03	-0.05	-6.53e-04	-1.98e-04	4.99e-05

1078	37	1.30e-04	1.10e-03	-0.04	-5.95e-04	-2.36e-04	4.51e-05
1079	7	1.85e-03	1.93e-03	-0.04	-8.60e-04	-4.39e-04	6.51e-05
1079	8	1.45e-03	1.96e-03	-0.05	-9.04e-04	-4.12e-04	6.88e-05
1079	21	2.12e-04	1.62e-03	-0.05	-8.98e-04	-2.81e-04	6.92e-05
1079	31	1.24e-03	1.40e-03	-0.03	-6.51e-04	-3.16e-04	4.94e-05
1079	32	9.75e-04	1.42e-03	-0.04	-6.80e-04	-2.97e-04	5.18e-05
1079	35	1.49e-04	1.20e-03	-0.04	-6.76e-04	-2.10e-04	5.21e-05
1079	37	6.84e-04	1.16e-03	-0.03	-6.18e-04	-2.47e-04	4.73e-05
1080	7	2.50e-03	1.92e-03	-0.03	-9.03e-04	-4.82e-04	7.00e-05
1080	8	2.20e-03	1.95e-03	-0.03	-9.47e-04	-4.56e-04	7.37e-05
1080	21	1.12e-03	1.62e-03	-0.04	-9.36e-04	-3.26e-04	7.36e-05
1080	31	1.76e-03	1.40e-03	-0.02	-6.83e-04	-3.48e-04	5.31e-05
1080	32	1.55e-03	1.42e-03	-0.03	-7.12e-04	-3.31e-04	5.55e-05
1080	35	8.32e-04	1.20e-03	-0.03	-7.05e-04	-2.44e-04	5.55e-05
1080	37	1.24e-03	1.16e-03	-0.02	-6.46e-04	-2.78e-04	5.05e-05
1081	7	3.03e-03	1.91e-03	-0.02	-9.06e-04	-5.58e-04	7.07e-05
1081	8	2.82e-03	1.94e-03	-0.02	-9.48e-04	-5.37e-04	7.44e-05
1081	22	2.20e-03	1.78e-03	-0.02	-9.58e-04	-4.56e-04	7.59e-05
1081	31	2.17e-03	1.39e-03	-0.02	-6.84e-04	-4.06e-04	5.35e-05
1081	32	2.03e-03	1.42e-03	-0.02	-7.13e-04	-3.92e-04	5.60e-05
1081	36	1.62e-03	1.31e-03	-0.02	-7.19e-04	-3.38e-04	5.70e-05
1081	37	1.69e-03	1.16e-03	-0.02	-6.46e-04	-3.34e-04	5.09e-05
1082	7	1.59e-03	2.38e-03	-0.04	-8.50e-04	-6.36e-04	4.20e-05
1082	8	1.42e-03	2.44e-03	-0.04	-8.89e-04	-6.19e-04	4.38e-05
1082	31	1.13e-03	1.75e-03	-0.03	-6.42e-04	-4.64e-04	3.16e-05
1082	32	1.01e-03	1.79e-03	-0.03	-6.67e-04	-4.53e-04	3.28e-05
1082	37	8.21e-04	1.51e-03	-0.03	-6.04e-04	-3.89e-04	2.94e-05
1083	8	-1.83e-03	3.15e-03	-0.09	-8.28e-04	-5.67e-04	4.14e-05
1083	21	-2.13e-03	2.84e-03	-0.08	-8.17e-04	-4.32e-04	4.06e-05
1083	32	-1.40e-03	2.32e-03	-0.07	-6.23e-04	-4.14e-04	3.11e-05
1083	35	-1.60e-03	2.12e-03	-0.06	-6.15e-04	-3.24e-04	3.06e-05
1083	37	-1.31e-03	2.00e-03	-0.06	-5.65e-04	-3.52e-04	2.80e-05
1084	8	-4.64e-03	3.62e-03	-0.13	-6.01e-04	-4.62e-04	3.15e-05
1084	22	-4.76e-03	3.51e-03	-0.13	-6.20e-04	-3.77e-04	3.26e-05
1084	32	-3.49e-03	2.69e-03	-0.10	-4.53e-04	-3.35e-04	2.38e-05
1084	36	-3.57e-03	2.61e-03	-0.10	-4.66e-04	-2.78e-04	2.45e-05
1084	37	-3.15e-03	2.33e-03	-0.09	-4.14e-04	-2.81e-04	2.16e-05
1085	8	-6.53e-03	3.81e-03	-0.16	-2.82e-04	-3.16e-04	1.66e-05
1085	22	-6.54e-03	3.72e-03	-0.16	-3.12e-04	-2.33e-04	1.85e-05
1085	32	-4.89e-03	2.83e-03	-0.12	-2.16e-04	-2.25e-04	1.27e-05
1085	36	-4.90e-03	2.77e-03	-0.12	-2.35e-04	-1.70e-04	1.40e-05
1085	37	-4.38e-03	2.47e-03	-0.11	-2.03e-04	-1.82e-04	1.19e-05
1086	8	-7.29e-03	3.67e-03	-0.17	7.14e-05	-1.46e-04	0.0
1086	32	-5.45e-03	2.73e-03	-0.13	4.79e-05	-9.84e-05	0.0
1086	37	-4.87e-03	2.38e-03	-0.11	3.25e-05	-6.85e-05	1.10e-06
1087	8	-6.90e-03	3.21e-03	-0.16	4.06e-04	2.42e-05	-1.46e-05
1087	32	-5.16e-03	2.38e-03	-0.12	2.97e-04	2.84e-05	-1.05e-05
1087	37	-4.60e-03	2.07e-03	-0.11	2.55e-04	4.48e-05	-8.51e-06
1088	8	-5.56e-03	2.45e-03	-0.14	6.68e-04	1.67e-04	-2.45e-05
1088	32	-4.15e-03	1.81e-03	-0.10	4.93e-04	1.35e-04	-1.78e-05
1088	37	-3.71e-03	1.56e-03	-0.09	4.31e-04	1.40e-04	-1.49e-05
1089	8	-3.64e-03	1.47e-03	-0.10	8.08e-04	2.54e-04	-2.70e-05
1089	22	-3.66e-03	1.42e-03	-0.10	7.52e-04	3.16e-04	-2.25e-05
1089	32	-2.73e-03	1.08e-03	-0.07	5.98e-04	1.99e-04	-1.96e-05
1089	36	-2.74e-03	1.05e-03	-0.07	5.61e-04	2.41e-04	-1.66e-05
1089	37	-2.44e-03	8.94e-04	-0.07	5.25e-04	1.97e-04	-1.64e-05
1090	8	-1.71e-03	3.61e-04	-0.06	7.75e-04	2.44e-04	-2.13e-05
1090	22	-1.82e-03	3.06e-04	-0.05	7.25e-04	3.03e-04	-1.66e-05
1090	32	-1.29e-03	2.46e-04	-0.04	5.74e-04	1.92e-04	-1.53e-05
1090	36	-1.36e-03	2.09e-04	-0.04	5.41e-04	2.31e-04	-1.22e-05
1090	37	-1.17e-03	1.40e-04	-0.04	5.05e-04	1.90e-04	-1.24e-05
1091	8	-4.39e-04	-6.74e-04	-0.02	5.11e-04	7.09e-05	-1.01e-05
1091	21	-6.86e-04	-8.01e-04	-0.02	4.42e-04	1.55e-04	-3.12e-06
1091	32	-3.50e-04	-5.36e-04	-0.02	3.78e-04	6.23e-05	-6.84e-06
1091	35	-5.15e-04	-6.20e-04	-0.02	3.32e-04	1.18e-04	-2.21e-06
1091	37	-3.43e-04	-5.77e-04	-0.01	3.31e-04	7.47e-05	-4.76e-06
1092	21	-3.07e-03	2.68e-03	-0.03	4.18e-04	2.77e-04	-3.13e-05
1092	22	-2.82e-03	2.74e-03	-0.03	4.40e-04	2.59e-04	-3.32e-05
1092	35	-2.32e-03	2.01e-03	-0.02	3.14e-04	2.10e-04	-2.35e-05
1092	36	-2.16e-03	2.05e-03	-0.02	3.29e-04	1.98e-04	-2.48e-05
1092	37	-1.65e-03	1.74e-03	-0.02	3.03e-04	1.59e-04	-2.30e-05
1093	21	-3.88e-03	3.35e-03	-0.06	6.04e-04	3.73e-04	-4.57e-05
1093	22	-3.68e-03	3.45e-03	-0.06	6.39e-04	3.57e-04	-4.86e-05
1093	35	-2.93e-03	2.51e-03	-0.05	4.54e-04	2.82e-04	-3.43e-05
1093	36	-2.80e-03	2.58e-03	-0.05	4.77e-04	2.71e-04	-3.62e-05
1093	37	-2.25e-03	2.24e-03	-0.04	4.42e-04	2.24e-04	-3.38e-05
1094	21	-5.29e-03	3.89e-03	-0.10	6.34e-04	3.93e-04	-4.76e-05

1094	22	-5.16e-03	4.02e-03	-0.10	6.75e-04	3.76e-04	-5.09e-05
1094	35	-3.99e-03	2.91e-03	-0.07	4.77e-04	2.97e-04	-3.57e-05
1094	36	-3.91e-03	3.00e-03	-0.07	5.03e-04	2.86e-04	-3.79e-05
1094	37	-3.26e-03	2.64e-03	-0.07	4.69e-04	2.35e-04	-3.55e-05
1095	8	-5.96e-03	4.37e-03	-0.13	5.87e-04	2.50e-04	-4.49e-05
1095	21	-6.70e-03	4.19e-03	-0.13	5.02e-04	3.41e-04	-3.76e-05
1095	22	-6.64e-03	4.35e-03	-0.13	5.39e-04	3.21e-04	-4.07e-05
1095	32	-4.56e-03	3.26e-03	-0.10	4.33e-04	1.97e-04	-3.31e-05
1095	35	-5.05e-03	3.14e-03	-0.10	3.77e-04	2.58e-04	-2.82e-05
1095	36	-5.01e-03	3.25e-03	-0.10	4.02e-04	2.45e-04	-3.03e-05
1095	37	-4.26e-03	2.88e-03	-0.09	3.78e-04	1.97e-04	-2.87e-05
1096	8	-6.90e-03	4.44e-03	-0.15	3.25e-04	1.33e-04	-2.48e-05
1096	21	-7.58e-03	4.19e-03	-0.16	2.52e-04	2.34e-04	-1.84e-05
1096	22	-7.56e-03	4.38e-03	-0.16	2.80e-04	2.09e-04	-2.08e-05
1096	32	-5.26e-03	3.30e-03	-0.12	2.37e-04	1.10e-04	-1.80e-05
1096	35	-5.71e-03	3.14e-03	-0.12	1.88e-04	1.77e-04	-1.37e-05
1096	36	-5.70e-03	3.26e-03	-0.12	2.07e-04	1.61e-04	-1.53e-05
1096	37	-4.88e-03	2.90e-03	-0.11	2.02e-04	1.19e-04	-1.52e-05
1097	8	-6.90e-03	4.18e-03	-0.16	-7.23e-06	-1.84e-05	0.0
1097	21	-7.61e-03	3.90e-03	-0.16	-6.15e-05	9.22e-05	5.46e-06
1097	22	-7.58e-03	4.09e-03	-0.17	-4.63e-05	6.10e-05	4.04e-06
1097	32	-5.26e-03	3.11e-03	-0.12	-1.10e-05	-2.93e-06	0.0
1097	35	-5.73e-03	2.92e-03	-0.12	-4.72e-05	7.08e-05	4.19e-06
1097	36	-5.71e-03	3.05e-03	-0.13	-3.70e-05	5.00e-05	3.24e-06
1097	37	-4.89e-03	2.71e-03	-0.11	-2.08e-05	1.75e-05	1.73e-06
1098	8	-5.81e-03	3.65e-03	-0.15	-3.49e-04	-1.78e-04	2.65e-05
1098	21	-6.63e-03	3.34e-03	-0.15	-3.82e-04	-5.74e-05	2.99e-05
1098	22	-6.54e-03	3.53e-03	-0.16	-3.81e-04	-9.48e-05	2.95e-05
1098	32	-4.45e-03	2.70e-03	-0.11	-2.66e-04	-1.22e-04	2.03e-05
1098	35	-5.00e-03	2.49e-03	-0.12	-2.88e-04	-4.18e-05	2.26e-05
1098	36	-4.94e-03	2.62e-03	-0.12	-2.87e-04	-6.67e-05	2.23e-05
1098	37	-4.17e-03	2.34e-03	-0.10	-2.49e-04	-8.92e-05	1.91e-05
1099	8	-3.72e-03	2.93e-03	-0.12	-6.43e-04	-3.12e-04	4.92e-05
1099	21	-4.73e-03	2.60e-03	-0.13	-6.57e-04	-1.85e-04	5.11e-05
1099	22	-4.54e-03	2.78e-03	-0.13	-6.67e-04	-2.27e-04	5.17e-05
1099	32	-2.89e-03	2.16e-03	-0.09	-4.86e-04	-2.22e-04	3.72e-05
1099	35	-3.57e-03	1.94e-03	-0.10	-4.95e-04	-1.37e-04	3.85e-05
1099	36	-3.44e-03	2.06e-03	-0.10	-5.02e-04	-1.66e-04	3.89e-05
1099	37	-2.79e-03	1.83e-03	-0.09	-4.45e-04	-1.79e-04	3.43e-05
1100	8	-8.91e-04	2.18e-03	-0.08	-8.35e-04	-3.88e-04	6.33e-05
1100	21	-2.15e-03	1.85e-03	-0.09	-8.35e-04	-2.57e-04	6.43e-05
1100	22	-1.83e-03	2.01e-03	-0.09	-8.54e-04	-3.02e-04	6.54e-05
1100	32	-7.89e-04	1.59e-03	-0.06	-6.29e-04	-2.79e-04	4.78e-05
1100	35	-1.63e-03	1.37e-03	-0.07	-6.29e-04	-1.92e-04	4.84e-05
1100	36	-1.42e-03	1.48e-03	-0.07	-6.42e-04	-2.22e-04	4.92e-05
1100	37	-9.22e-04	1.32e-03	-0.06	-5.73e-04	-2.31e-04	4.37e-05
1101	8	-2.18e-03	2.74e-03	-0.10	-7.73e-04	-3.97e-04	6.10e-05
1101	21	-3.08e-03	2.41e-03	-0.10	-7.77e-04	-2.65e-04	6.22e-05
1101	22	-2.89e-03	2.58e-03	-0.10	-7.94e-04	-3.11e-04	6.32e-05
1101	32	-1.73e-03	2.01e-03	-0.08	-5.83e-04	-2.86e-04	4.61e-05
1101	35	-2.32e-03	1.79e-03	-0.08	-5.86e-04	-1.98e-04	4.69e-05
1101	36	-2.19e-03	1.91e-03	-0.08	-5.96e-04	-2.29e-04	4.76e-05
1101	37	-1.71e-03	1.70e-03	-0.07	-5.32e-04	-2.37e-04	4.22e-05
1102	8	-3.75e-03	3.13e-03	-0.12	-6.42e-04	-3.50e-04	4.56e-05
1102	21	-4.50e-03	2.81e-03	-0.12	-6.55e-04	-2.20e-04	4.77e-05
1102	22	-4.39e-03	2.99e-03	-0.13	-6.66e-04	-2.64e-04	4.81e-05
1102	32	-2.89e-03	2.31e-03	-0.09	-4.85e-04	-2.51e-04	3.45e-05
1102	35	-3.39e-03	2.10e-03	-0.09	-4.94e-04	-1.64e-04	3.59e-05
1102	36	-3.32e-03	2.22e-03	-0.10	-5.01e-04	-1.94e-04	3.62e-05
1102	37	-2.74e-03	1.98e-03	-0.09	-4.44e-04	-2.05e-04	3.19e-05
1103	8	-4.94e-03	3.45e-03	-0.14	-4.95e-04	-2.87e-04	3.65e-05
1103	21	-5.59e-03	3.14e-03	-0.14	-5.18e-04	-1.61e-04	3.93e-05
1103	22	-5.53e-03	3.32e-03	-0.14	-5.23e-04	-2.02e-04	3.93e-05
1103	32	-3.78e-03	2.55e-03	-0.11	-3.75e-04	-2.04e-04	2.78e-05
1103	35	-4.21e-03	2.34e-03	-0.11	-3.91e-04	-1.19e-04	2.96e-05
1103	36	-4.17e-03	2.47e-03	-0.11	-3.94e-04	-1.47e-04	2.96e-05
1103	37	-3.53e-03	2.20e-03	-0.10	-3.46e-04	-1.63e-04	2.58e-05
1104	8	-5.86e-03	3.72e-03	-0.15	-3.33e-04	-2.14e-04	2.52e-05
1104	21	-6.43e-03	3.42e-03	-0.15	-3.67e-04	-9.12e-05	2.87e-05
1104	22	-6.42e-03	3.61e-03	-0.16	-3.65e-04	-1.30e-04	2.83e-05
1104	32	-4.46e-03	2.76e-03	-0.12	-2.54e-04	-1.94e-04	1.94e-05
1104	35	-4.84e-03	2.56e-03	-0.11	-2.77e-04	-6.72e-05	2.17e-05
1104	36	-4.83e-03	2.68e-03	-0.12	-2.75e-04	-9.32e-05	2.14e-05
1104	37	-4.13e-03	2.39e-03	-0.10	-2.38e-04	-1.13e-04	1.83e-05
1105	8	-6.50e-03	3.93e-03	-0.16	-1.62e-04	-1.35e-04	1.20e-05
1105	22	-7.02e-03	3.83e-03	-0.16	-1.98e-04	-5.35e-05	1.54e-05
1105	32	-4.94e-03	2.92e-03	-0.12	-1.27e-04	-9.04e-05	9.46e-06

1105	36	-5.29e-03	2.85e-03	-0.12	-1.51e-04	-3.57e-05	1.17e-05
1105	37	-4.56e-03	2.54e-03	-0.11	-1.24e-04	-6.08e-05	9.47e-06
1106	8	-6.86e-03	4.08e-03	-0.16	1.20e-05	-5.45e-05	-2.05e-06
1106	22	-7.36e-03	3.99e-03	-0.17	-2.76e-05	2.56e-05	1.66e-06
1106	32	-5.21e-03	3.03e-03	-0.12	3.36e-06	-2.99e-05	-1.01e-06
1106	36	-5.54e-03	2.97e-03	-0.12	-2.30e-05	2.35e-05	1.46e-06
1106	37	-4.79e-03	2.65e-03	-0.11	-7.88e-06	-6.63e-06	0.0
1107	8	-6.95e-03	4.15e-03	-0.16	1.83e-04	2.56e-05	-1.31e-05
1107	22	-7.44e-03	4.08e-03	-0.16	1.39e-04	1.04e-04	-9.28e-06
1107	32	-5.27e-03	3.08e-03	-0.12	1.31e-04	2.99e-05	-9.26e-06
1107	36	-5.60e-03	3.04e-03	-0.12	1.02e-04	8.19e-05	-6.73e-06
1107	37	-4.85e-03	2.70e-03	-0.11	1.06e-04	4.69e-05	-7.29e-06
1108	8	-6.78e-03	4.14e-03	-0.15	3.42e-04	1.01e-04	-2.72e-05
1108	22	-7.26e-03	4.09e-03	-0.16	2.96e-04	1.77e-04	-2.30e-05
1108	32	-5.14e-03	3.08e-03	-0.12	2.50e-04	8.65e-05	-1.98e-05
1108	36	-5.46e-03	3.05e-03	-0.12	2.19e-04	1.37e-04	-1.70e-05
1108	37	-4.73e-03	2.70e-03	-0.11	2.13e-04	9.75e-05	-1.67e-05
1109	8	-6.37e-03	4.05e-03	-0.14	4.84e-04	1.70e-04	-3.65e-05
1109	22	-6.86e-03	4.02e-03	-0.15	4.36e-04	2.43e-04	-3.24e-05
1109	32	-4.84e-03	3.02e-03	-0.11	3.56e-04	1.38e-04	-2.68e-05
1109	36	-5.16e-03	3.00e-03	-0.11	3.24e-04	1.87e-04	-2.40e-05
1109	37	-4.46e-03	2.65e-03	-0.10	3.08e-04	1.43e-04	-2.30e-05
1110	8	-5.78e-03	3.92e-03	-0.13	5.98e-04	2.29e-04	-4.59e-05
1110	21	-6.30e-03	3.75e-03	-0.13	5.12e-04	3.20e-04	-3.85e-05
1110	22	-6.29e-03	3.90e-03	-0.13	5.50e-04	3.00e-04	-4.16e-05
1110	32	-4.40e-03	2.92e-03	-0.10	4.42e-04	1.81e-04	-3.38e-05
1110	35	-4.74e-03	2.81e-03	-0.10	3.84e-04	2.42e-04	-2.89e-05
1110	36	-4.74e-03	2.91e-03	-0.10	4.09e-04	2.29e-04	-3.10e-05
1110	37	-4.07e-03	2.57e-03	-0.09	3.85e-04	1.82e-04	-2.94e-05
1111	21	-5.57e-03	3.53e-03	-0.11	5.95e-04	3.60e-04	-4.41e-05
1111	22	-5.54e-03	3.66e-03	-0.12	6.36e-04	3.42e-04	-4.73e-05
1111	35	-4.20e-03	2.64e-03	-0.09	4.47e-04	2.72e-04	-3.31e-05
1111	36	-4.17e-03	2.73e-03	-0.09	4.74e-04	2.60e-04	-3.52e-05
1111	37	-3.56e-03	2.40e-03	-0.08	4.43e-04	2.12e-04	-3.31e-05
1112	21	-4.80e-03	3.27e-03	-0.10	6.40e-04	3.86e-04	-4.94e-05
1112	22	-4.73e-03	3.39e-03	-0.10	6.81e-04	3.70e-04	-5.31e-05
1112	35	-3.62e-03	2.45e-03	-0.07	4.81e-04	2.92e-04	-3.71e-05
1112	36	-3.57e-03	2.53e-03	-0.07	5.08e-04	2.81e-04	-3.95e-05
1112	37	-3.01e-03	2.21e-03	-0.06	4.74e-04	2.31e-04	-3.73e-05
1113	21	-4.01e-03	2.93e-03	-0.08	6.44e-04	3.95e-04	-4.86e-05
1113	22	-3.90e-03	3.04e-03	-0.08	6.84e-04	3.80e-04	-5.18e-05
1113	35	-3.02e-03	2.19e-03	-0.06	4.84e-04	2.99e-04	-3.65e-05
1113	36	-2.95e-03	2.26e-03	-0.06	5.10e-04	2.89e-04	-3.87e-05
1113	37	-2.45e-03	1.97e-03	-0.05	4.74e-04	2.39e-04	-3.61e-05
1114	21	-3.32e-03	2.59e-03	-0.06	6.03e-04	3.85e-04	-4.63e-05
1114	22	-3.17e-03	2.68e-03	-0.06	6.38e-04	3.70e-04	-4.94e-05
1114	35	-2.51e-03	1.94e-03	-0.04	4.53e-04	2.91e-04	-3.47e-05
1114	36	-2.41e-03	2.00e-03	-0.04	4.77e-04	2.81e-04	-3.68e-05
1114	37	-1.95e-03	1.72e-03	-0.04	4.42e-04	2.33e-04	-3.45e-05
1115	21	-2.79e-03	2.24e-03	-0.04	5.21e-04	3.54e-04	-3.94e-05
1115	22	-2.62e-03	2.31e-03	-0.04	5.50e-04	3.39e-04	-4.21e-05
1115	35	-2.11e-03	1.67e-03	-0.03	3.91e-04	2.68e-04	-2.96e-05
1115	36	-1.99e-03	1.72e-03	-0.03	4.11e-04	2.58e-04	-3.14e-05
1115	37	-1.57e-03	1.47e-03	-0.03	3.81e-04	2.13e-04	-2.94e-05
1116	8	-1.19e-03	6.45e-04	-0.04	6.28e-04	2.74e-04	-4.77e-05
1116	21	-1.58e-03	5.59e-04	-0.04	5.53e-04	3.45e-04	-4.15e-05
1116	22	-1.50e-03	6.17e-04	-0.04	5.88e-04	3.11e-04	-4.43e-05
1116	32	-9.28e-04	4.62e-04	-0.03	4.65e-04	2.34e-04	-3.53e-05
1116	35	-1.19e-03	4.05e-04	-0.03	4.15e-04	2.61e-04	-3.11e-05
1116	36	-1.14e-03	4.44e-04	-0.03	4.39e-04	2.52e-04	-3.30e-05
1116	37	-8.98e-04	3.43e-04	-0.02	4.09e-04	2.09e-04	-3.09e-05
1117	8	-1.90e-03	1.14e-03	-0.05	7.34e-04	2.99e-04	-5.98e-05
1117	21	-2.21e-03	1.05e-03	-0.05	6.46e-04	3.72e-04	-5.13e-05
1117	22	-2.18e-03	1.12e-03	-0.06	6.87e-04	3.58e-04	-5.50e-05
1117	32	-1.46e-03	8.32e-04	-0.04	5.44e-04	2.33e-04	-4.42e-05
1117	35	-1.67e-03	7.72e-04	-0.04	4.85e-04	2.81e-04	-3.85e-05
1117	36	-1.64e-03	8.18e-04	-0.04	5.13e-04	2.72e-04	-4.10e-05
1117	37	-1.37e-03	6.80e-04	-0.04	4.78e-04	2.27e-04	-3.86e-05
1118	8	-2.80e-03	1.63e-03	-0.07	7.83e-04	2.99e-04	-5.92e-05
1118	22	-3.03e-03	1.61e-03	-0.08	7.32e-04	3.60e-04	-5.49e-05
1118	32	-2.12e-03	1.21e-03	-0.06	5.80e-04	2.33e-04	-4.38e-05
1118	36	-2.28e-03	1.19e-03	-0.06	5.46e-04	2.74e-04	-4.09e-05
1118	37	-1.95e-03	1.02e-03	-0.05	5.10e-04	2.27e-04	-3.84e-05
1119	8	-3.75e-03	2.10e-03	-0.10	7.80e-04	2.77e-04	-6.13e-05
1119	22	-3.95e-03	2.08e-03	-0.10	7.27e-04	3.41e-04	-5.64e-05
1119	32	-2.83e-03	1.56e-03	-0.07	5.78e-04	2.17e-04	-4.53e-05
1119	36	-2.96e-03	1.54e-03	-0.07	5.42e-04	2.60e-04	-4.20e-05

1119	37	-2.58e-03	1.34e-03	-0.06	5.07e-04	2.13e-04	-3.96e-05
1120	8	-4.68e-03	2.52e-03	-0.12	7.34e-04	2.39e-04	-5.69e-05
1120	22	-4.83e-03	2.49e-03	-0.11	6.80e-04	3.05e-04	-5.21e-05
1120	32	-3.52e-03	1.87e-03	-0.09	5.43e-04	1.88e-04	-4.20e-05
1120	36	-3.63e-03	1.85e-03	-0.09	5.07e-04	2.33e-04	-3.88e-05
1120	37	-3.19e-03	1.61e-03	-0.08	4.76e-04	1.88e-04	-3.66e-05
1121	8	-5.55e-03	2.91e-03	-0.13	6.48e-04	1.85e-04	-4.99e-05
1121	22	-5.67e-03	2.87e-03	-0.13	5.95e-04	2.55e-04	-4.52e-05
1121	32	-4.17e-03	2.16e-03	-0.10	4.79e-04	1.49e-04	-3.67e-05
1121	36	-4.25e-03	2.14e-03	-0.10	4.43e-04	1.95e-04	-3.36e-05
1121	37	-3.77e-03	1.88e-03	-0.09	4.18e-04	1.53e-04	-3.19e-05
1122	8	-6.26e-03	3.24e-03	-0.15	5.30e-04	1.20e-04	-4.26e-05
1122	22	-6.37e-03	3.20e-03	-0.15	4.79e-04	1.92e-04	-3.79e-05
1122	32	-4.70e-03	2.41e-03	-0.11	3.91e-04	9.99e-05	-3.13e-05
1122	36	-4.78e-03	2.38e-03	-0.11	3.56e-04	1.48e-04	-2.81e-05
1122	37	-4.24e-03	2.10e-03	-0.10	3.39e-04	1.09e-04	-2.70e-05
1123	8	-6.78e-03	3.51e-03	-0.16	3.88e-04	4.48e-05	-2.89e-05
1123	22	-6.89e-03	3.45e-03	-0.16	3.39e-04	1.20e-04	-2.46e-05
1123	32	-5.09e-03	2.61e-03	-0.12	2.84e-04	4.40e-05	-2.10e-05
1123	36	-5.16e-03	2.57e-03	-0.12	2.51e-04	9.42e-05	-1.82e-05
1123	37	-4.59e-03	2.28e-03	-0.11	2.43e-04	5.93e-05	-1.78e-05
1124	8	-7.06e-03	3.69e-03	-0.17	2.28e-04	-3.65e-05	-1.92e-05
1124	22	-7.17e-03	3.63e-03	-0.16	1.83e-04	4.14e-05	-1.50e-05
1124	32	-5.30e-03	2.74e-03	-0.12	1.65e-04	-1.38e-05	-1.38e-05
1124	36	-5.37e-03	2.70e-03	-0.12	1.35e-04	3.53e-05	-1.10e-05
1124	37	-4.78e-03	2.40e-03	-0.11	1.37e-04	5.06e-06	-1.14e-05
1125	8	-7.08e-03	3.80e-03	-0.17	5.62e-05	-1.21e-04	-5.12e-06
1125	22	-7.20e-03	3.73e-03	-0.17	1.55e-05	-4.08e-05	-1.36e-06
1125	32	-5.31e-03	2.83e-03	-0.13	3.64e-05	-7.99e-05	-3.31e-06
1125	36	-5.39e-03	2.77e-03	-0.12	9.31e-06	-2.62e-05	0.0
1125	37	-4.79e-03	2.47e-03	-0.11	2.19e-05	-5.15e-05	-1.97e-06
1126	8	-6.80e-03	3.84e-03	-0.17	-1.21e-04	-2.06e-04	8.46e-06
1126	22	-6.95e-03	3.75e-03	-0.16	-1.57e-04	-1.23e-04	1.19e-05
1126	32	-5.11e-03	2.85e-03	-0.12	-9.58e-05	-1.43e-04	6.83e-06
1126	36	-5.21e-03	2.79e-03	-0.12	-1.20e-04	-8.81e-05	9.11e-06
1126	37	-4.62e-03	2.48e-03	-0.11	-9.61e-05	-1.08e-04	7.08e-06
1127	8	-6.24e-03	3.79e-03	-0.16	-2.97e-04	-2.88e-04	2.20e-05
1127	22	-6.42e-03	3.69e-03	-0.16	-3.28e-04	-2.04e-04	2.50e-05
1127	32	-4.69e-03	2.81e-03	-0.12	-2.27e-04	-2.04e-04	1.69e-05
1127	36	-4.82e-03	2.74e-03	-0.12	-2.48e-04	-1.48e-04	1.89e-05
1127	37	-4.25e-03	2.44e-03	-0.11	-2.13e-04	-1.61e-04	1.61e-05
1128	8	-5.35e-03	3.65e-03	-0.15	-4.68e-04	-3.63e-04	3.71e-05
1128	22	-5.59e-03	3.54e-03	-0.14	-4.94e-04	-2.77e-04	3.96e-05
1128	32	-4.04e-03	2.71e-03	-0.11	-3.55e-04	-2.61e-04	2.82e-05
1128	36	-4.20e-03	2.63e-03	-0.11	-3.72e-04	-2.03e-04	2.99e-05
1128	37	-3.68e-03	2.35e-03	-0.10	-3.27e-04	-2.13e-04	2.61e-05
1129	8	-4.19e-03	3.44e-03	-0.13	-6.23e-04	-4.27e-04	4.93e-05
1129	22	-4.49e-03	3.32e-03	-0.13	-6.45e-04	-3.41e-04	5.16e-05
1129	32	-3.18e-03	2.54e-03	-0.10	-4.71e-04	-3.09e-04	3.73e-05
1129	36	-3.38e-03	2.46e-03	-0.10	-4.85e-04	-2.51e-04	3.88e-05
1129	37	-2.92e-03	2.20e-03	-0.09	-4.30e-04	-2.57e-04	3.43e-05
1130	8	-2.76e-03	3.14e-03	-0.11	-7.58e-04	-4.74e-04	5.25e-05
1130	21	-3.18e-03	2.83e-03	-0.10	-7.58e-04	-3.39e-04	5.36e-05
1130	32	-2.11e-03	2.32e-03	-0.08	-5.71e-04	-3.44e-04	3.97e-05
1130	35	-2.39e-03	2.12e-03	-0.08	-5.71e-04	-2.54e-04	4.04e-05
1130	37	-1.98e-03	1.99e-03	-0.07	-5.20e-04	-2.88e-04	3.63e-05
1131	8	-1.42e-03	2.87e-03	-0.09	-8.47e-04	-5.03e-04	6.32e-05
1131	21	-1.95e-03	2.56e-03	-0.08	-8.40e-04	-3.68e-04	6.43e-05
1131	32	-1.12e-03	2.11e-03	-0.07	-6.37e-04	-3.65e-04	4.77e-05
1131	35	-1.47e-03	1.91e-03	-0.06	-6.32e-04	-2.76e-04	4.84e-05
1131	37	-1.09e-03	1.80e-03	-0.06	-5.79e-04	-3.08e-04	4.36e-05
1132	21	-1.83e-03	1.03e-03	-0.03	3.99e-04	3.14e-04	-2.99e-05
1132	22	-1.68e-03	1.09e-03	-0.02	4.23e-04	3.00e-04	-3.20e-05
1132	35	-1.39e-03	7.60e-04	-0.02	3.00e-04	2.38e-04	-2.24e-05
1132	36	-1.29e-03	7.97e-04	-0.02	3.16e-04	2.28e-04	-2.39e-05
1132	37	-9.73e-04	6.51e-04	-0.02	2.94e-04	1.88e-04	-2.25e-05
1133	8	1.91e-04	2.42e-03	-0.06	-9.12e-04	-4.74e-04	7.13e-05
1133	22	-3.98e-04	2.26e-03	-0.07	-9.26e-04	-3.89e-04	7.29e-05
1133	23	-7.52e-04	1.54e-03	-0.05	-7.00e-04	-2.23e-04	5.55e-05
1133	32	6.88e-05	1.77e-03	-0.05	-6.86e-04	-3.44e-04	5.37e-05
1133	35	-4.72e-04	1.56e-03	-0.05	-6.79e-04	-2.56e-04	5.36e-05
1133	36	-3.24e-04	1.67e-03	-0.05	-6.95e-04	-2.87e-04	5.47e-05
1133	37	-6.38e-05	1.49e-03	-0.04	-6.23e-04	-2.89e-04	4.88e-05
1134	21	-2.49e-03	1.89e-03	-0.03	4.05e-04	3.02e-04	-3.03e-05
1134	22	-2.29e-03	1.94e-03	-0.03	4.27e-04	2.85e-04	-3.20e-05
1134	35	-1.88e-03	1.41e-03	-0.02	3.04e-04	2.28e-04	-2.27e-05
1134	36	-1.75e-03	1.45e-03	-0.02	3.19e-04	2.18e-04	-2.39e-05

1134	37	-1.34e-03	1.22e-03	-0.02	2.95e-04	1.77e-04	-2.22e-05
1135	9	-6.50e-04	-1.09e-04	-0.01	2.93e-04	1.71e-04	-2.25e-05
1135	21	-1.20e-03	-7.65e-05	-0.02	4.06e-04	2.82e-04	-3.11e-05
1135	22	-1.09e-03	-3.33e-05	-0.02	4.33e-04	2.66e-04	-3.33e-05
1135	25	-6.15e-04	-9.40e-05	-0.01	3.02e-04	1.66e-04	-2.33e-05
1135	35	-9.03e-04	-7.35e-05	-0.02	3.05e-04	2.14e-04	-2.33e-05
1135	36	-8.34e-04	-4.47e-05	-0.02	3.23e-04	2.03e-04	-2.48e-05
1135	37	-6.15e-04	-9.40e-05	-0.01	3.02e-04	1.66e-04	-2.33e-05
1136	8	9.64e-06	2.59e-03	-0.06	-9.08e-04	-5.25e-04	7.24e-05
1136	23	-7.05e-04	1.68e-03	-0.05	-6.94e-04	-2.62e-04	5.55e-05
1136	32	-5.15e-05	1.90e-03	-0.05	-6.83e-04	-3.82e-04	5.44e-05
1136	35	-4.79e-04	1.69e-03	-0.05	-6.74e-04	-2.94e-04	5.39e-05
1136	37	-1.44e-04	1.61e-03	-0.04	-6.19e-04	-3.24e-04	4.94e-05
1137	8	-8.68e-04	2.58e-03	-0.08	-8.62e-04	-4.49e-04	6.40e-05
1137	21	-1.68e-03	2.26e-03	-0.08	-8.57e-04	-3.16e-04	6.45e-05
1137	22	-1.48e-03	2.43e-03	-0.08	-8.78e-04	-3.63e-04	6.58e-05
1137	32	-7.28e-04	1.89e-03	-0.06	-6.48e-04	-3.25e-04	4.83e-05
1137	35	-1.27e-03	1.68e-03	-0.06	-6.46e-04	-2.36e-04	4.86e-05
1137	36	-1.14e-03	1.79e-03	-0.06	-6.59e-04	-2.68e-04	4.94e-05
1137	37	-7.87e-04	1.60e-03	-0.06	-5.90e-04	-2.72e-04	4.40e-05
1138	21	-2.18e-03	1.44e-03	-0.04	5.30e-04	3.66e-04	-3.91e-05
1138	22	-2.06e-03	1.51e-03	-0.04	5.62e-04	3.53e-04	-4.15e-05
1138	35	-1.65e-03	1.07e-03	-0.03	3.98e-04	2.77e-04	-2.93e-05
1138	36	-1.57e-03	1.11e-03	-0.03	4.20e-04	2.68e-04	-3.10e-05
1138	37	-1.23e-03	9.35e-04	-0.03	3.90e-04	2.23e-04	-2.89e-05
1139	21	-2.74e-03	1.83e-03	-0.06	6.17e-04	3.90e-04	-4.74e-05
1139	22	-2.65e-03	1.91e-03	-0.06	6.55e-04	3.76e-04	-5.07e-05
1139	35	-2.07e-03	1.36e-03	-0.04	4.63e-04	2.95e-04	-3.56e-05
1139	36	-2.01e-03	1.41e-03	-0.04	4.89e-04	2.86e-04	-3.78e-05
1139	37	-1.64e-03	1.21e-03	-0.04	4.55e-04	2.38e-04	-3.55e-05
1140	8	-6.74e-03	3.83e-03	-0.16	3.64e-04	7.13e-05	-2.94e-05
1140	22	-7.03e-03	3.77e-03	-0.16	3.17e-04	1.47e-04	-2.50e-05
1140	32	-5.08e-03	2.85e-03	-0.12	2.66e-04	6.39e-05	-2.14e-05
1140	36	-5.28e-03	2.81e-03	-0.12	2.35e-04	1.14e-04	-1.85e-05
1140	37	-4.63e-03	2.49e-03	-0.11	2.28e-04	7.73e-05	-1.82e-05
1141	8	-6.96e-03	3.92e-03	-0.16	2.06e-04	-7.90e-06	-1.63e-05
1141	22	-7.26e-03	3.85e-03	-0.16	1.62e-04	7.04e-05	-1.22e-05
1141	32	-5.25e-03	2.91e-03	-0.12	1.48e-04	4.85e-06	-1.17e-05
1141	36	-5.45e-03	2.87e-03	-0.12	1.19e-04	5.71e-05	-8.94e-06
1141	37	-4.78e-03	2.55e-03	-0.11	1.22e-04	2.45e-05	-9.42e-06
1142	8	-6.28e-03	3.66e-03	-0.15	5.04e-04	1.43e-04	-3.98e-05
1142	22	-6.58e-03	3.62e-03	-0.15	4.55e-04	2.16e-04	-3.52e-05
1142	32	-4.74e-03	2.72e-03	-0.11	3.71e-04	1.18e-04	-2.92e-05
1142	36	-4.95e-03	2.70e-03	-0.11	3.38e-04	1.66e-04	-2.61e-05
1142	37	-4.33e-03	2.38e-03	-0.10	3.21e-04	1.25e-04	-2.51e-05
1143	21	-4.34e-03	2.64e-03	-0.09	6.56e-04	3.75e-04	-5.04e-05
1143	22	-4.33e-03	2.75e-03	-0.10	6.99e-04	3.59e-04	-5.40e-05
1143	35	-3.27e-03	1.97e-03	-0.07	4.93e-04	2.84e-04	-3.78e-05
1143	36	-3.26e-03	2.05e-03	-0.07	5.22e-04	2.73e-04	-4.03e-05
1143	37	-2.79e-03	1.78e-03	-0.06	4.87e-04	2.25e-04	-3.79e-05
1144	21	-3.50e-03	2.24e-03	-0.07	6.61e-04	3.92e-04	-4.58e-05
1144	22	-3.45e-03	2.34e-03	-0.08	7.03e-04	3.77e-04	-4.87e-05
1144	35	-2.64e-03	1.68e-03	-0.06	4.96e-04	2.96e-04	-3.44e-05
1144	36	-2.60e-03	1.74e-03	-0.06	5.24e-04	2.87e-04	-3.63e-05
1144	37	-2.19e-03	1.50e-03	-0.05	4.89e-04	2.38e-04	-3.38e-05
1145	8	-4.82e-03	3.10e-03	-0.11	7.05e-04	2.57e-04	-5.33e-05
1145	22	-5.17e-03	3.09e-03	-0.11	6.54e-04	3.25e-04	-4.90e-05
1145	32	-3.66e-03	2.31e-03	-0.09	5.22e-04	2.02e-04	-3.93e-05
1145	36	-3.89e-03	2.30e-03	-0.09	4.87e-04	2.48e-04	-3.65e-05
1145	37	-3.36e-03	2.02e-03	-0.08	4.57e-04	2.01e-04	-3.43e-05
1146	8	-5.64e-03	3.42e-03	-0.13	6.19e-04	2.05e-04	-4.74e-05
1146	22	-5.96e-03	3.40e-03	-0.13	5.68e-04	2.76e-04	-4.29e-05
1146	32	-4.26e-03	2.55e-03	-0.10	4.57e-04	1.64e-04	-3.49e-05
1146	36	-4.48e-03	2.53e-03	-0.10	4.23e-04	2.11e-04	-3.19e-05
1146	37	-3.90e-03	2.23e-03	-0.09	3.99e-04	1.66e-04	-3.03e-05
1147	8	-6.93e-03	3.94e-03	-0.17	3.79e-05	-8.94e-05	-2.66e-06
1147	22	-7.24e-03	3.86e-03	-0.17	-2.50e-06	-8.72e-06	1.09e-06
1147	32	-5.23e-03	2.93e-03	-0.12	2.27e-05	-5.60e-05	-1.47e-06
1147	36	-5.43e-03	2.88e-03	-0.12	-4.24e-06	-2.19e-06	1.03e-06
1147	37	-4.77e-03	2.56e-03	-0.11	9.50e-06	-2.99e-05	0.0
1148	8	-6.01e-03	3.76e-03	-0.16	-3.14e-04	-2.52e-04	2.32e-05
1148	22	-6.37e-03	3.66e-03	-0.16	-3.46e-04	-1.68e-04	2.63e-05
1148	32	-4.55e-03	2.79e-03	-0.12	-2.40e-04	-1.77e-04	1.79e-05
1148	36	-4.79e-03	2.72e-03	-0.12	-2.61e-04	-1.21e-04	1.99e-05
1148	37	-4.16e-03	2.42e-03	-0.11	-2.25e-04	-1.39e-04	1.69e-05
1149	8	-5.09e-03	3.56e-03	-0.14	-4.84e-04	-3.26e-04	3.44e-05
1149	22	-5.51e-03	3.44e-03	-0.14	-5.11e-04	-2.40e-04	3.73e-05

1149	32	-3.87e-03	2.63e-03	-0.11	-3.67e-04	-2.33e-04	2.62e-05
1149	36	-4.15e-03	2.55e-03	-0.11	-3.85e-04	-1.76e-04	2.81e-05
1149	37	-3.57e-03	2.28e-03	-0.10	-3.39e-04	-1.89e-04	2.44e-05
1150	8	-3.82e-03	3.26e-03	-0.12	-6.46e-04	-3.89e-04	4.36e-05
1150	21	-4.35e-03	2.95e-03	-0.12	-6.57e-04	-2.57e-04	4.59e-05
1150	22	-4.30e-03	3.13e-03	-0.13	-6.69e-04	-3.03e-04	4.63e-05
1150	32	-2.92e-03	2.41e-03	-0.09	-4.88e-04	-2.80e-04	3.31e-05
1150	35	-3.28e-03	2.20e-03	-0.09	-4.95e-04	-1.92e-04	3.46e-05
1150	36	-3.24e-03	2.32e-03	-0.09	-5.03e-04	-2.22e-04	3.49e-05
1150	37	-2.73e-03	2.07e-03	-0.08	-4.46e-04	-2.31e-04	3.06e-05
1151	8	-6.60e-03	3.89e-03	-0.16	-1.41e-04	-1.71e-04	1.06e-05
1151	22	-6.94e-03	3.80e-03	-0.16	-1.77e-04	-8.87e-05	1.40e-05
1151	32	-4.99e-03	2.89e-03	-0.12	-1.11e-04	-1.17e-04	8.45e-06
1151	36	-5.22e-03	2.83e-03	-0.12	-1.35e-04	-6.21e-05	1.07e-05
1151	37	-4.56e-03	2.52e-03	-0.11	-1.10e-04	-8.48e-05	8.54e-06
1152	8	-2.29e-03	2.89e-03	-0.10	-7.76e-04	-4.27e-04	6.29e-05
1152	21	-2.99e-03	2.57e-03	-0.10	-7.78e-04	-2.94e-04	6.35e-05
1152	22	-2.86e-03	2.74e-03	-0.10	-7.95e-04	-3.41e-04	6.47e-05
1152	32	-1.79e-03	2.13e-03	-0.08	-5.85e-04	-3.09e-04	4.74e-05
1152	35	-2.26e-03	1.91e-03	-0.08	-5.86e-04	-2.20e-04	4.78e-05
1152	36	-2.17e-03	2.03e-03	-0.08	-5.98e-04	-2.51e-04	4.86e-05
1152	37	-1.73e-03	1.81e-03	-0.07	-5.33e-04	-2.57e-04	4.33e-05
1153	7	1.58e-03	2.21e-03	-0.04	-9.02e-04	-5.34e-04	5.81e-05
1153	8	1.33e-03	2.26e-03	-0.04	-9.44e-04	-5.11e-04	6.14e-05
1153	22	7.72e-04	2.10e-03	-0.05	-9.55e-04	-4.28e-04	6.31e-05
1153	31	1.09e-03	1.62e-03	-0.03	-6.81e-04	-3.87e-04	4.41e-05
1153	32	9.27e-04	1.65e-03	-0.03	-7.10e-04	-3.72e-04	4.63e-05
1153	36	5.54e-04	1.55e-03	-0.03	-7.17e-04	-3.17e-04	4.74e-05
1153	37	7.15e-04	1.38e-03	-0.03	-6.43e-04	-3.15e-04	4.22e-05
1154	7	1.43e-03	2.13e-03	-0.05	-8.93e-04	-4.81e-04	6.76e-05
1154	8	1.12e-03	2.18e-03	-0.05	-9.37e-04	-4.55e-04	7.13e-05
1154	22	4.45e-04	2.01e-03	-0.05	-9.51e-04	-3.71e-04	7.30e-05
1154	31	9.60e-04	1.56e-03	-0.04	-6.76e-04	-3.17e-04	5.12e-05
1154	32	7.52e-04	1.59e-03	-0.04	-7.05e-04	-3.30e-04	5.37e-05
1154	36	3.03e-04	1.48e-03	-0.04	-7.14e-04	-2.74e-04	5.48e-05
1154	37	5.30e-04	1.32e-03	-0.03	-6.40e-04	-2.77e-04	4.89e-05
1155	8	-2.73e-04	2.33e-03	-0.07	-8.73e-04	-4.22e-04	7.13e-05
1155	22	-1.03e-03	2.17e-03	-0.08	-8.90e-04	-3.36e-04	7.33e-05
1155	23	-1.35e-03	1.46e-03	-0.06	-6.77e-04	-1.83e-04	5.62e-05
1155	32	-3.01e-04	1.71e-03	-0.05	-6.57e-04	-3.05e-04	5.38e-05
1155	35	-9.83e-04	1.49e-03	-0.06	-6.55e-04	-2.17e-04	5.41e-05
1155	36	-8.03e-04	1.60e-03	-0.06	-6.69e-04	-2.48e-04	5.51e-05
1155	37	-4.37e-04	1.42e-03	-0.05	-5.98e-04	-2.54e-04	4.91e-05
1156	8	3.11e-03	5.41e-03	-0.10	-2.48e-04	1.97e-03	-4.74e-05
1156	32	2.26e-03	3.97e-03	-0.08	-1.86e-04	1.47e-03	-3.51e-05
1156	37	1.87e-03	3.34e-03	-0.07	-1.61e-04	1.30e-03	-3.06e-05
1157	8	3.32e-03	3.90e-03	-0.20	-2.60e-04	1.95e-03	-2.91e-05
1157	32	2.42e-03	2.85e-03	-0.15	-1.97e-04	1.45e-03	-2.15e-05
1157	37	2.01e-03	2.38e-03	-0.13	-1.74e-04	1.29e-03	-1.86e-05
1158	8	3.48e-03	2.83e-03	-0.29	-2.28e-04	1.67e-03	-1.99e-05
1158	32	2.54e-03	2.07e-03	-0.21	-1.75e-04	1.24e-03	-1.46e-05
1158	37	2.12e-03	1.71e-03	-0.19	-1.57e-04	1.10e-03	-1.25e-05
1159	8	3.62e-03	2.07e-03	-0.36	-1.85e-04	1.21e-03	-1.34e-05
1159	32	2.65e-03	1.51e-03	-0.27	-1.43e-04	8.96e-04	-9.76e-06
1159	37	2.21e-03	1.23e-03	-0.24	-1.32e-04	7.92e-04	-8.19e-06
1160	8	3.73e-03	1.58e-03	-0.40	-1.44e-04	6.21e-04	-7.58e-06
1160	32	2.73e-03	1.15e-03	-0.30	-1.14e-04	4.61e-04	-5.47e-06
1160	37	2.28e-03	9.40e-04	-0.27	-1.08e-04	4.07e-04	-4.40e-06
1161	8	3.82e-03	1.36e-03	-0.42	-1.14e-04	-2.29e-05	-2.28e-06
1161	32	2.80e-03	9.96e-04	-0.31	-9.15e-05	-1.78e-05	-1.53e-06
1161	37	2.34e-03	8.22e-04	-0.27	-8.92e-05	-1.71e-05	0.0
1162	8	3.89e-03	1.38e-03	-0.40	-9.64e-05	-6.63e-04	2.58e-06
1162	32	2.85e-03	1.02e-03	-0.30	-7.90e-05	-4.94e-04	2.08e-06
1162	37	2.38e-03	8.63e-04	-0.26	-7.93e-05	-4.38e-04	2.27e-06
1163	8	3.93e-03	1.62e-03	-0.36	-9.61e-05	-1.24e-03	6.96e-06
1163	32	2.88e-03	1.21e-03	-0.26	-7.89e-05	-9.22e-04	5.32e-06
1163	37	2.41e-03	1.05e-03	-0.23	-7.98e-05	-8.17e-04	5.13e-06
1164	8	3.95e-03	2.07e-03	-0.28	-1.15e-04	-1.69e-03	1.07e-05
1164	32	2.89e-03	1.54e-03	-0.21	-9.26e-05	-1.26e-03	8.09e-06
1164	37	2.42e-03	1.37e-03	-0.19	-9.22e-05	-1.11e-03	7.56e-06
1165	8	3.96e-03	2.69e-03	-0.20	-1.52e-04	1.29e-03	1.29e-05
1165	32	2.89e-03	2.01e-03	-0.15	-1.20e-04	-1.45e-03	9.75e-06
1165	37	2.43e-03	1.80e-03	-0.13	-1.17e-04	-1.28e-03	9.01e-06
1166	8	3.95e-03	3.41e-03	-0.10	-2.05e-04	-1.96e-03	1.07e-05
1166	32	2.89e-03	2.55e-03	-0.07	-1.59e-04	-1.46e-03	8.11e-06
1166	37	2.42e-03	2.30e-03	-0.07	-1.51e-04	-1.29e-03	7.57e-06
1167	8	6.25e-03	7.04e-03	-0.04	-4.01e-04	1.98e-03	0.0

1167	22	5.77e-03	6.55e-03	-0.05	-4.40e-04	1.92e-03	0.0
1167	32	4.58e-03	5.17e-03	-0.03	-3.02e-04	1.48e-03	0.0
1167	36	4.27e-03	4.84e-03	-0.03	-3.28e-04	1.43e-03	0.0
1167	37	3.88e-03	4.39e-03	-0.03	-2.68e-04	1.31e-03	0.0
1168	8	6.26e-03	5.62e-03	-0.14	-4.10e-04	1.98e-03	0.0
1168	22	5.78e-03	5.22e-03	-0.14	-4.51e-04	1.92e-03	0.0
1168	32	4.59e-03	4.13e-03	-0.10	-3.09e-04	1.48e-03	0.0
1168	36	4.27e-03	3.85e-03	-0.10	-3.36e-04	1.43e-03	0.0
1168	37	3.89e-03	3.49e-03	-0.09	-2.75e-04	1.31e-03	0.0
1169	8	5.95e-03	4.13e-03	-0.23	-4.11e-04	1.88e-03	0.0
1169	32	4.37e-03	3.02e-03	-0.17	-3.11e-04	1.40e-03	0.0
1169	37	3.69e-03	2.53e-03	-0.15	-2.77e-04	1.24e-03	0.0
1170	8	5.47e-03	2.96e-03	-0.32	-4.04e-04	1.59e-03	0.0
1170	32	4.01e-03	2.16e-03	-0.24	-3.06e-04	1.19e-03	0.0
1170	37	3.37e-03	1.79e-03	-0.21	-2.75e-04	1.05e-03	0.0
1171	8	4.99e-03	2.16e-03	-0.39	-3.93e-04	1.13e-03	0.0
1171	32	3.65e-03	1.57e-03	-0.29	-2.99e-04	8.41e-04	0.0
1171	37	3.05e-03	1.29e-03	-0.26	-2.71e-04	7.47e-04	0.0
1172	8	4.52e-03	1.67e-03	-0.43	-3.76e-04	5.48e-04	0.0
1172	32	3.30e-03	1.21e-03	-0.32	-2.87e-04	4.08e-04	0.0
1172	37	2.74e-03	9.94e-04	-0.28	-2.61e-04	3.62e-04	0.0
1173	8	4.08e-03	1.44e-03	-0.44	-3.50e-04	-9.01e-05	0.0
1173	32	2.97e-03	1.05e-03	-0.33	-2.68e-04	-6.71e-05	0.0
1173	37	2.45e-03	8.73e-04	-0.29	-2.46e-04	-5.86e-05	0.0
1174	8	3.66e-03	1.46e-03	-0.42	-3.18e-04	-7.19e-04	0.0
1174	32	2.66e-03	1.07e-03	-0.31	-2.44e-04	-5.35e-04	0.0
1174	37	2.18e-03	9.11e-04	-0.28	-2.26e-04	-4.74e-04	0.0
1175	8	3.27e-03	1.69e-03	-0.37	-2.80e-04	-1.28e-03	0.0
1175	32	2.37e-03	1.26e-03	-0.28	-2.16e-04	-9.50e-04	0.0
1175	37	1.92e-03	1.09e-03	-0.25	-2.02e-04	-8.41e-04	0.0
1176	8	2.90e-03	2.12e-03	-0.30	-2.42e-04	-1.70e-03	0.0
1176	32	2.10e-03	1.58e-03	-0.22	-1.87e-04	-1.26e-03	0.0
1176	37	1.69e-03	1.40e-03	-0.20	-1.76e-04	-1.12e-03	0.0
1177	8	2.55e-03	2.70e-03	-0.21	-2.09e-04	-1.92e-03	0.0
1177	32	1.84e-03	2.02e-03	-0.16	-1.63e-04	-1.43e-03	0.0
1177	37	1.46e-03	1.80e-03	-0.14	-1.54e-04	-1.26e-03	0.0
1178	8	2.15e-03	3.42e-03	-0.12	-1.82e-04	-1.88e-03	0.0
1178	22	1.89e-03	3.39e-03	-0.12	-2.33e-04	-1.82e-03	0.0
1178	32	1.54e-03	2.56e-03	-0.09	-1.42e-04	-1.40e-03	0.0
1178	36	1.37e-03	2.54e-03	-0.09	-1.76e-04	-1.36e-03	0.0
1178	37	1.20e-03	2.30e-03	-0.08	-1.36e-04	-1.24e-03	0.0
1179	8	1.65e-03	4.46e-03	-0.04	-1.32e-04	-1.62e-03	0.0
1179	21	1.23e-03	4.22e-03	-0.04	-1.90e-04	-1.48e-03	0.0
1179	32	1.17e-03	3.33e-03	-0.03	-1.04e-04	-1.20e-03	0.0
1179	35	8.92e-04	3.18e-03	-0.03	-1.43e-04	-1.11e-03	0.0
1179	37	8.70e-04	3.00e-03	-0.03	-1.01e-04	-1.06e-03	0.0
1180	7	1.20e-03	7.57e-03	0.10	6.26e-05	-1.18e-03	0.0
1180	8	1.22e-03	7.73e-03	0.10	4.01e-05	-1.20e-03	0.0
1180	31	8.44e-04	5.67e-03	0.07	3.98e-05	-8.78e-04	0.0
1180	32	8.52e-04	5.77e-03	0.07	2.48e-05	-8.93e-04	0.0
1180	37	5.90e-04	5.19e-03	0.06	1.40e-05	-7.87e-04	0.0
1181	7	1.35e-03	5.32e-03	0.02	-3.93e-05	-1.37e-03	0.0
1181	8	1.37e-03	5.46e-03	0.01	-6.66e-05	-1.40e-03	0.0
1181	31	9.52e-04	3.99e-03	0.01	-3.69e-05	-1.02e-03	0.0
1181	32	9.62e-04	4.08e-03	0.01	-5.52e-05	-1.04e-03	0.0
1181	37	6.86e-04	3.67e-03	7.79e-03	-5.75e-05	-9.20e-04	0.0
1182	7	1.22e-03	6.46e-03	0.06	2.94e-05	-1.22e-03	0.0
1182	8	1.23e-03	6.62e-03	0.06	5.39e-06	-1.25e-03	0.0
1182	31	8.52e-04	4.84e-03	0.04	1.48e-05	-9.11e-04	0.0
1182	32	8.60e-04	4.94e-03	0.04	-1.21e-06	-9.27e-04	0.0
1182	37	5.97e-04	4.44e-03	0.04	-9.25e-06	-8.18e-04	0.0
1183	8	5.11e-03	7.44e-03	-0.02	-3.08e-04	1.92e-03	0.0
1183	22	4.72e-03	6.93e-03	-0.02	-3.42e-04	1.85e-03	0.0
1183	32	3.75e-03	5.47e-03	-0.01	-2.32e-04	1.43e-03	0.0
1183	36	3.49e-03	5.13e-03	-0.01	-2.55e-04	1.38e-03	0.0
1183	37	3.17e-03	4.66e-03	-0.01	-2.03e-04	1.27e-03	0.0
1184	8	5.43e-03	7.04e-03	-0.03	-3.87e-04	1.97e-03	0.0
1184	22	5.01e-03	6.54e-03	-0.03	-4.25e-04	1.91e-03	0.0
1184	32	3.98e-03	5.17e-03	-0.02	-2.91e-04	1.47e-03	0.0
1184	36	3.70e-03	4.84e-03	-0.02	-3.17e-04	1.43e-03	0.0
1184	37	3.36e-03	4.39e-03	-0.02	-2.58e-04	1.30e-03	0.0
1185	8	6.27e-03	6.38e-03	-0.09	-4.05e-04	1.98e-03	0.0
1185	22	5.80e-03	5.92e-03	-0.09	-4.44e-04	1.92e-03	0.0
1185	32	4.60e-03	4.68e-03	-0.07	-3.05e-04	1.48e-03	0.0
1185	36	4.29e-03	4.38e-03	-0.07	-3.31e-04	1.43e-03	0.0
1185	37	3.90e-03	3.97e-03	-0.06	-2.70e-04	1.31e-03	0.0
1186	8	6.14e-03	4.85e-03	-0.19	-4.12e-04	1.95e-03	0.0

1186	32	4.51e-03	3.55e-03	-0.14	-3.11e-04	1.45e-03	0.0
1186	37	3.81e-03	2.99e-03	-0.12	-2.77e-04	1.29e-03	0.0
1187	8	5.72e-03	3.50e-03	-0.28	-4.08e-04	1.76e-03	0.0
1187	32	4.19e-03	2.56e-03	-0.21	-3.09e-04	1.31e-03	0.0
1187	37	3.53e-03	2.13e-03	-0.18	-2.77e-04	1.16e-03	0.0
1188	8	5.23e-03	2.52e-03	-0.36	-3.99e-04	1.38e-03	0.0
1188	32	3.83e-03	1.84e-03	-0.27	-3.03e-04	1.03e-03	0.0
1188	37	3.21e-03	1.51e-03	-0.24	-2.73e-04	9.12e-04	0.0
1189	8	4.75e-03	1.88e-03	-0.41	-3.85e-04	8.50e-04	0.0
1189	32	3.47e-03	1.37e-03	-0.31	-2.93e-04	6.33e-04	0.0
1189	37	2.89e-03	1.12e-03	-0.27	-2.67e-04	5.62e-04	0.0
1190	8	4.30e-03	1.52e-03	-0.44	-3.64e-04	2.32e-04	0.0
1190	32	3.13e-03	1.11e-03	-0.33	-2.78e-04	1.73e-04	0.0
1190	37	2.60e-03	9.12e-04	-0.29	-2.55e-04	1.54e-04	0.0
1191	8	3.87e-03	1.42e-03	-0.43	-3.35e-04	-4.10e-04	0.0
1191	32	2.82e-03	1.04e-03	-0.32	-2.57e-04	-3.05e-04	0.0
1191	37	2.32e-03	8.73e-04	-0.29	-2.37e-04	-2.70e-04	0.0
1192	8	3.46e-03	1.55e-03	-0.40	-2.99e-04	-1.01e-03	0.0
1192	32	2.52e-03	1.15e-03	-0.30	-2.30e-04	-7.52e-04	0.0
1192	37	2.05e-03	9.86e-04	-0.27	-2.14e-04	-6.66e-04	0.0
1193	8	3.08e-03	1.88e-03	-0.34	-2.60e-04	-1.51e-03	0.0
1193	32	2.23e-03	1.40e-03	-0.25	-2.01e-04	-1.12e-03	0.0
1193	37	1.80e-03	1.23e-03	-0.23	-1.89e-04	-9.93e-04	0.0
1194	8	2.73e-03	2.39e-03	-0.26	-2.24e-04	-1.83e-03	0.0
1194	32	1.97e-03	1.79e-03	-0.19	-1.74e-04	-1.37e-03	0.0
1194	37	1.57e-03	1.59e-03	-0.17	-1.65e-04	-1.21e-03	0.0
1195	8	2.36e-03	3.03e-03	-0.17	-1.96e-04	-1.93e-03	0.0
1195	32	1.70e-03	2.27e-03	-0.13	-1.53e-04	-1.44e-03	0.0
1195	37	1.33e-03	2.04e-03	-0.11	-1.45e-04	-1.27e-03	0.0
1196	8	1.91e-03	3.88e-03	-0.08	-1.63e-04	-1.77e-03	0.0
1196	22	1.66e-03	3.84e-03	-0.08	-2.11e-04	-1.71e-03	0.0
1196	32	1.36e-03	2.91e-03	-0.06	-1.28e-04	-1.32e-03	0.0
1196	36	1.20e-03	2.87e-03	-0.06	-1.60e-04	-1.27e-03	0.0
1196	37	1.04e-03	2.62e-03	-0.05	-1.23e-04	-1.16e-03	0.0
1197	7	2.25e-03	7.58e-03	0.10	9.46e-05	-1.14e-03	0.0
1197	8	2.27e-03	7.74e-03	0.10	7.39e-05	-1.16e-03	0.0
1197	31	1.62e-03	5.67e-03	0.07	6.39e-05	-8.47e-04	0.0
1197	32	1.64e-03	5.78e-03	0.07	5.01e-05	-8.61e-04	0.0
1197	37	1.29e-03	5.19e-03	0.06	3.67e-05	-7.59e-04	0.0
1198	8	3.27e-03	7.89e-03	0.09	1.78e-04	-1.05e-03	0.0
1198	32	2.38e-03	5.89e-03	0.07	1.28e-04	-7.82e-04	0.0
1198	37	1.96e-03	5.29e-03	0.06	1.07e-04	-6.89e-04	0.0
1199	8	3.94e-03	3.73e-03	-0.05	-2.32e-04	-1.85e-03	6.16e-06
1199	32	2.88e-03	2.79e-03	-0.04	-1.79e-04	-1.38e-03	4.72e-06
1199	37	2.41e-03	2.52e-03	-0.04	-1.67e-04	-1.22e-03	4.58e-06
1200	8	3.95e-03	3.05e-03	-0.15	-1.78e-04	-1.99e-03	1.27e-05
1200	32	2.89e-03	2.28e-03	-0.11	-1.39e-04	-1.48e-03	9.58e-06
1200	37	2.42e-03	2.05e-03	-0.10	-1.33e-04	-1.31e-03	8.86e-06
1201	8	3.96e-03	2.36e-03	-0.24	-1.31e-04	-1.84e-03	1.21e-05
1201	32	2.90e-03	1.76e-03	-0.18	-1.05e-04	-1.37e-03	9.14e-06
1201	37	2.43e-03	1.57e-03	-0.16	-1.03e-04	-1.21e-03	8.48e-06
1202	8	3.94e-03	1.82e-03	-0.32	-1.03e-04	-1.48e-03	8.93e-06
1202	32	2.89e-03	1.36e-03	-0.24	-8.39e-05	-1.10e-03	6.79e-06
1202	37	2.42e-03	1.19e-03	-0.21	-8.44e-05	-9.77e-04	6.41e-06
1203	8	3.91e-03	1.48e-03	-0.38	-9.40e-05	-9.63e-04	4.84e-06
1203	32	2.86e-03	1.09e-03	-0.28	-7.73e-05	-7.17e-04	3.75e-06
1203	37	2.40e-03	9.39e-04	-0.25	-7.81e-05	-6.36e-04	3.74e-06
1204	8	3.86e-03	1.34e-03	-0.41	-1.03e-04	-3.47e-04	0.0
1204	32	2.82e-03	9.86e-04	-0.31	-8.38e-05	-2.59e-04	0.0
1204	37	2.37e-03	8.23e-04	-0.27	-8.30e-05	-2.31e-04	0.0
1205	8	3.78e-03	1.44e-03	-0.41	-1.27e-04	3.02e-04	-4.87e-06
1205	32	2.77e-03	1.05e-03	-0.31	-1.02e-04	2.24e-04	-3.46e-06
1205	37	2.31e-03	8.60e-04	-0.27	-9.75e-05	1.97e-04	-2.62e-06
1206	8	3.68e-03	1.79e-03	-0.38	-1.64e-04	9.24e-04	-1.04e-05
1206	32	2.69e-03	1.30e-03	-0.29	-1.28e-04	6.87e-04	-7.57e-06
1206	37	2.25e-03	1.06e-03	-0.25	-1.19e-04	6.07e-04	-6.25e-06
1207	8	3.55e-03	2.42e-03	-0.33	-2.07e-04	1.46e-03	-1.65e-05
1207	32	2.60e-03	1.76e-03	-0.24	-1.59e-04	1.08e-03	-1.21e-05
1207	37	2.17e-03	1.45e-03	-0.21	-1.45e-04	9.58e-04	-1.03e-05
1208	8	3.41e-03	3.32e-03	-0.24	-2.47e-04	1.84e-03	-2.39e-05
1208	32	2.49e-03	2.43e-03	-0.18	-1.88e-04	1.37e-03	-1.76e-05
1208	37	2.07e-03	2.01e-03	-0.16	-1.68e-04	1.21e-03	-1.52e-05
1209	8	3.22e-03	4.57e-03	-0.15	-2.63e-04	2.00e-03	-3.65e-05
1209	32	2.35e-03	3.35e-03	-0.11	-1.99e-04	1.49e-03	-2.70e-05
1209	37	1.95e-03	2.81e-03	-0.10	-1.74e-04	1.32e-03	-2.34e-05
1210	8	2.95e-03	6.54e-03	-0.05	-2.04e-04	1.84e-03	-6.30e-05
1210	32	2.15e-03	4.81e-03	-0.04	-1.52e-04	1.37e-03	-4.67e-05

1210	37	1.77e-03	4.08e-03	-0.04	-1.28e-04	1.21e-03	-4.09e-05
1211	8	4.83e-03	6.33e-03	-0.07	-3.43e-04	1.94e-03	0.0
1211	32	3.54e-03	4.65e-03	-0.05	-2.58e-04	1.44e-03	0.0
1211	37	2.99e-03	3.94e-03	-0.04	-2.26e-04	1.28e-03	0.0
1212	8	4.48e-03	5.50e-03	-0.11	-3.65e-04	1.98e-03	0.0
1212	32	3.28e-03	4.04e-03	-0.08	-2.75e-04	1.48e-03	0.0
1212	37	2.75e-03	3.41e-03	-0.07	-2.42e-04	1.31e-03	0.0
1213	8	4.33e-03	4.69e-03	-0.16	-3.55e-04	1.99e-03	0.0
1213	32	3.17e-03	3.43e-03	-0.12	-2.68e-04	1.48e-03	0.0
1213	37	2.65e-03	2.88e-03	-0.11	-2.37e-04	1.31e-03	0.0
1214	8	4.24e-03	3.98e-03	-0.21	-3.34e-04	1.93e-03	0.0
1214	32	3.10e-03	2.91e-03	-0.16	-2.53e-04	1.43e-03	0.0
1214	37	2.60e-03	2.43e-03	-0.14	-2.25e-04	1.27e-03	0.0
1215	8	4.19e-03	3.37e-03	-0.25	-3.11e-04	1.81e-03	0.0
1215	32	3.07e-03	2.46e-03	-0.19	-2.36e-04	1.35e-03	0.0
1215	37	2.57e-03	2.04e-03	-0.17	-2.12e-04	1.19e-03	0.0
1216	8	4.16e-03	2.86e-03	-0.30	-2.89e-04	1.64e-03	0.0
1216	32	3.04e-03	2.08e-03	-0.22	-2.20e-04	1.22e-03	0.0
1216	37	2.54e-03	1.72e-03	-0.20	-1.98e-04	1.08e-03	0.0
1217	8	4.12e-03	2.43e-03	-0.33	-2.68e-04	1.43e-03	0.0
1217	32	3.02e-03	1.77e-03	-0.25	-2.05e-04	1.06e-03	0.0
1217	37	2.52e-03	1.45e-03	-0.22	-1.86e-04	9.41e-04	0.0
1218	8	4.09e-03	2.07e-03	-0.37	-2.48e-04	1.18e-03	0.0
1218	32	2.99e-03	1.51e-03	-0.27	-1.91e-04	8.76e-04	0.0
1218	37	2.50e-03	1.23e-03	-0.24	-1.74e-04	7.75e-04	0.0
1219	8	4.05e-03	1.79e-03	-0.39	-2.30e-04	8.97e-04	0.0
1219	32	2.96e-03	1.31e-03	-0.29	-1.78e-04	6.67e-04	0.0
1219	37	2.48e-03	1.06e-03	-0.26	-1.64e-04	5.90e-04	0.0
1220	8	4.01e-03	1.59e-03	-0.41	-2.13e-04	5.95e-04	0.0
1220	32	2.94e-03	1.16e-03	-0.30	-1.65e-04	4.42e-04	0.0
1220	37	2.45e-03	9.42e-04	-0.27	-1.54e-04	3.91e-04	0.0
1221	8	3.97e-03	1.44e-03	-0.42	-1.97e-04	2.79e-04	0.0
1221	32	2.90e-03	1.05e-03	-0.31	-1.54e-04	2.07e-04	0.0
1221	37	2.42e-03	8.62e-04	-0.28	-1.44e-04	1.83e-04	0.0
1222	8	3.93e-03	1.36e-03	-0.42	-1.84e-04	-4.40e-05	0.0
1222	32	2.87e-03	9.98e-04	-0.31	-1.44e-04	-3.32e-05	0.0
1222	37	2.39e-03	8.24e-04	-0.28	-1.36e-04	-2.99e-05	0.0
1223	8	3.88e-03	1.35e-03	-0.42	-1.71e-04	-3.65e-04	0.0
1223	32	2.83e-03	9.88e-04	-0.31	-1.35e-04	-2.72e-04	0.0
1223	37	2.36e-03	8.26e-04	-0.28	-1.29e-04	-2.42e-04	0.0
1224	8	3.83e-03	1.38e-03	-0.41	-1.62e-04	-6.77e-04	0.0
1224	32	2.80e-03	1.02e-03	-0.30	-1.28e-04	-5.05e-04	0.0
1224	37	2.33e-03	8.66e-04	-0.27	-1.23e-04	-4.47e-04	0.0
1225	8	3.78e-03	1.48e-03	-0.39	-1.54e-04	-9.73e-04	0.0
1225	32	2.76e-03	1.10e-03	-0.29	-1.22e-04	-7.24e-04	0.0
1225	37	2.29e-03	9.41e-04	-0.25	-1.19e-04	-6.42e-04	0.0
1226	8	3.72e-03	1.63e-03	-0.36	-1.50e-04	-1.24e-03	0.0
1226	32	2.72e-03	1.21e-03	-0.27	-1.19e-04	-9.26e-04	0.0
1226	37	2.26e-03	1.05e-03	-0.24	-1.16e-04	-8.20e-04	0.0
1227	8	3.67e-03	1.82e-03	-0.33	-1.49e-04	-1.48e-03	0.0
1227	32	2.68e-03	1.36e-03	-0.24	-1.18e-04	-1.10e-03	0.0
1227	37	2.22e-03	1.19e-03	-0.22	-1.15e-04	-9.77e-04	0.0
1228	8	3.61e-03	2.06e-03	-0.29	-1.52e-04	-1.68e-03	0.0
1228	32	2.64e-03	1.54e-03	-0.21	-1.21e-04	-1.25e-03	0.0
1228	37	2.18e-03	1.36e-03	-0.19	-1.17e-04	-1.11e-03	0.0
1229	8	3.57e-03	2.35e-03	-0.25	-1.58e-04	-1.83e-03	0.0
1229	32	2.60e-03	1.75e-03	-0.18	-1.25e-04	-1.36e-03	0.0
1229	37	2.16e-03	1.56e-03	-0.16	-1.21e-04	-1.21e-03	0.0
1230	8	3.52e-03	2.67e-03	-0.20	-1.72e-04	-1.93e-03	0.0
1230	32	2.56e-03	2.00e-03	-0.15	-1.35e-04	-1.43e-03	0.0
1230	37	2.12e-03	1.79e-03	-0.13	-1.30e-04	-1.27e-03	0.0
1231	8	3.47e-03	3.01e-03	-0.15	-1.93e-04	-1.96e-03	0.0
1231	32	2.53e-03	2.25e-03	-0.11	-1.50e-04	-1.46e-03	0.0
1231	37	2.09e-03	2.02e-03	-0.10	-1.43e-04	-1.29e-03	0.0
1232	8	3.43e-03	3.38e-03	-0.11	-2.22e-04	-1.92e-03	0.0
1232	32	2.50e-03	2.53e-03	-0.08	-1.72e-04	-1.42e-03	0.0
1232	37	2.07e-03	2.27e-03	-0.07	-1.62e-04	-1.26e-03	0.0
1233	8	3.40e-03	3.76e-03	-0.06	-2.58e-04	-1.77e-03	0.0
1233	32	2.48e-03	2.82e-03	-0.05	-1.98e-04	-1.32e-03	0.0
1233	37	2.05e-03	2.54e-03	-0.04	-1.85e-04	-1.17e-03	0.0
1234	8	3.31e-03	4.32e-03	-0.02	-2.37e-04	-1.51e-03	0.0
1234	22	3.01e-03	4.26e-03	-0.02	-2.78e-04	-1.44e-03	0.0
1234	32	2.41e-03	3.23e-03	-0.01	-1.82e-04	-1.12e-03	0.0
1234	36	2.21e-03	3.19e-03	-0.02	-2.09e-04	-1.08e-03	0.0
1234	37	1.99e-03	2.91e-03	-0.01	-1.70e-04	-9.89e-04	0.0
1235	7	3.20e-03	5.21e-03	0.02	-7.16e-05	-1.18e-03	0.0
1235	8	3.24e-03	5.35e-03	0.02	-9.71e-05	-1.20e-03	0.0

1235	31	2.33e-03	3.91e-03	0.02	-6.03e-05	-8.74e-04	0.0
1235	32	2.36e-03	4.00e-03	0.02	-7.73e-05	-8.87e-04	0.0
1235	37	1.94e-03	3.60e-03	0.01	-7.63e-05	-7.82e-04	0.0
1236	7	3.20e-03	6.53e-03	0.06	9.85e-05	-1.04e-03	0.0
1236	8	3.24e-03	6.68e-03	0.06	8.01e-05	-1.06e-03	0.0
1236	31	2.34e-03	4.89e-03	0.04	6.75e-05	-7.75e-04	0.0
1236	32	2.36e-03	4.99e-03	0.04	5.52e-05	-7.87e-04	0.0
1236	37	1.94e-03	4.48e-03	0.04	4.19e-05	-6.92e-04	0.0
1237	8	5.42e-03	6.40e-03	-0.08	-3.95e-04	1.98e-03	0.0
1237	22	5.00e-03	5.94e-03	-0.08	-4.34e-04	1.91e-03	0.0
1237	32	3.98e-03	4.70e-03	-0.06	-2.98e-04	1.47e-03	0.0
1237	36	3.70e-03	4.39e-03	-0.06	-3.24e-04	1.43e-03	0.0
1237	37	3.36e-03	3.98e-03	-0.05	-2.64e-04	1.30e-03	0.0
1238	8	5.34e-03	5.60e-03	-0.13	-4.02e-04	1.98e-03	0.0
1238	32	3.92e-03	4.11e-03	-0.09	-3.03e-04	1.48e-03	0.0
1238	37	3.30e-03	3.47e-03	-0.08	-2.69e-04	1.31e-03	0.0
1239	8	5.22e-03	4.79e-03	-0.17	-3.95e-04	1.96e-03	0.0
1239	32	3.83e-03	3.51e-03	-0.13	-2.98e-04	1.46e-03	0.0
1239	37	3.23e-03	2.95e-03	-0.11	-2.65e-04	1.30e-03	0.0
1240	8	5.09e-03	4.06e-03	-0.22	-3.81e-04	1.90e-03	0.0
1240	32	3.73e-03	2.97e-03	-0.16	-2.88e-04	1.41e-03	0.0
1240	37	3.14e-03	2.49e-03	-0.15	-2.57e-04	1.25e-03	0.0
1241	8	4.96e-03	3.43e-03	-0.27	-3.65e-04	1.78e-03	0.0
1241	32	3.63e-03	2.51e-03	-0.20	-2.77e-04	1.32e-03	0.0
1241	37	3.05e-03	2.08e-03	-0.18	-2.48e-04	1.17e-03	0.0
1242	8	4.82e-03	2.90e-03	-0.31	-3.49e-04	1.61e-03	0.0
1242	32	3.53e-03	2.12e-03	-0.23	-2.65e-04	1.20e-03	0.0
1242	37	2.96e-03	1.75e-03	-0.20	-2.39e-04	1.06e-03	0.0
1243	8	4.69e-03	2.46e-03	-0.34	-3.33e-04	1.40e-03	0.0
1243	32	3.43e-03	1.79e-03	-0.26	-2.54e-04	1.04e-03	0.0
1243	37	2.87e-03	1.47e-03	-0.23	-2.30e-04	9.24e-04	0.0
1244	8	4.55e-03	2.10e-03	-0.37	-3.19e-04	1.15e-03	0.0
1244	32	3.33e-03	1.53e-03	-0.28	-2.44e-04	8.56e-04	0.0
1244	37	2.78e-03	1.25e-03	-0.25	-2.22e-04	7.59e-04	0.0
1245	8	4.42e-03	1.82e-03	-0.40	-3.05e-04	8.71e-04	0.0
1245	32	3.23e-03	1.33e-03	-0.30	-2.33e-04	6.48e-04	0.0
1245	37	2.70e-03	1.08e-03	-0.26	-2.14e-04	5.75e-04	0.0
1246	8	4.28e-03	1.61e-03	-0.42	-2.91e-04	5.70e-04	0.0
1246	32	3.13e-03	1.18e-03	-0.31	-2.23e-04	4.24e-04	0.0
1246	37	2.61e-03	9.59e-04	-0.28	-2.05e-04	3.76e-04	0.0
1247	8	4.15e-03	1.47e-03	-0.43	-2.77e-04	2.55e-04	0.0
1247	32	3.03e-03	1.07e-03	-0.32	-2.13e-04	1.90e-04	0.0
1247	37	2.52e-03	8.79e-04	-0.28	-1.97e-04	1.68e-04	0.0
1248	8	4.02e-03	1.39e-03	-0.43	-2.63e-04	-6.63e-05	0.0
1248	32	2.93e-03	1.02e-03	-0.32	-2.03e-04	-4.96e-05	0.0
1248	37	2.43e-03	8.41e-04	-0.28	-1.89e-04	-4.36e-05	0.0
1249	8	3.89e-03	1.37e-03	-0.42	-2.49e-04	-3.86e-04	0.0
1249	32	2.84e-03	1.01e-03	-0.32	-1.93e-04	-2.87e-04	0.0
1249	37	2.35e-03	8.43e-04	-0.28	-1.80e-04	-2.54e-04	0.0
1250	8	3.76e-03	1.41e-03	-0.41	-2.36e-04	-6.96e-04	0.0
1250	32	2.74e-03	1.04e-03	-0.31	-1.83e-04	-5.18e-04	0.0
1250	37	2.26e-03	8.82e-04	-0.27	-1.72e-04	-4.59e-04	0.0
1251	8	3.63e-03	1.50e-03	-0.39	-2.23e-04	-9.88e-04	0.0
1251	32	2.65e-03	1.11e-03	-0.29	-1.74e-04	-7.36e-04	0.0
1251	37	2.18e-03	9.57e-04	-0.26	-1.64e-04	-6.52e-04	0.0
1252	8	3.51e-03	1.65e-03	-0.37	-2.12e-04	-1.26e-03	0.0
1252	32	2.56e-03	1.23e-03	-0.27	-1.65e-04	-9.35e-04	0.0
1252	37	2.10e-03	1.07e-03	-0.24	-1.57e-04	-8.28e-04	0.0
1253	8	3.39e-03	1.84e-03	-0.33	-2.03e-04	-1.49e-03	0.0
1253	32	2.46e-03	1.37e-03	-0.25	-1.58e-04	-1.11e-03	0.0
1253	37	2.02e-03	1.21e-03	-0.22	-1.51e-04	-9.82e-04	0.0
1254	8	3.27e-03	2.08e-03	-0.29	-1.96e-04	-1.68e-03	0.0
1254	32	2.37e-03	1.55e-03	-0.22	-1.53e-04	-1.25e-03	0.0
1254	37	1.94e-03	1.38e-03	-0.19	-1.46e-04	-1.11e-03	0.0
1255	8	3.15e-03	2.36e-03	-0.25	-1.93e-04	-1.83e-03	0.0
1255	32	2.28e-03	1.76e-03	-0.19	-1.51e-04	-1.36e-03	0.0
1255	37	1.86e-03	1.57e-03	-0.17	-1.44e-04	-1.20e-03	0.0
1256	8	3.02e-03	2.66e-03	-0.21	-1.94e-04	-1.91e-03	0.0
1256	32	2.20e-03	1.99e-03	-0.15	-1.51e-04	-1.42e-03	0.0
1256	37	1.78e-03	1.78e-03	-0.14	-1.44e-04	-1.26e-03	0.0
1257	8	2.91e-03	3.00e-03	-0.16	-2.00e-04	-1.93e-03	0.0
1257	32	2.11e-03	2.25e-03	-0.12	-1.55e-04	-1.44e-03	0.0
1257	37	1.71e-03	2.02e-03	-0.11	-1.48e-04	-1.27e-03	0.0
1258	8	2.79e-03	3.38e-03	-0.11	-2.08e-04	-1.88e-03	0.0
1258	32	2.02e-03	2.53e-03	-0.09	-1.62e-04	-1.40e-03	0.0
1258	37	1.63e-03	2.28e-03	-0.08	-1.53e-04	-1.24e-03	0.0
1259	8	2.66e-03	3.84e-03	-0.07	-2.10e-04	-1.76e-03	0.0

1259	22	2.38e-03	3.80e-03	-0.07	-2.57e-04	-1.69e-03	0.0
1259	32	1.92e-03	2.88e-03	-0.05	-1.63e-04	-1.31e-03	0.0
1259	36	1.74e-03	2.85e-03	-0.05	-1.94e-04	-1.26e-03	0.0
1259	37	1.54e-03	2.59e-03	-0.05	-1.54e-04	-1.15e-03	0.0
1260	8	2.50e-03	4.45e-03	-0.03	-1.83e-04	-1.57e-03	0.0
1260	21	2.00e-03	4.22e-03	-0.03	-2.37e-04	-1.43e-03	0.0
1260	32	1.81e-03	3.33e-03	-0.02	-1.42e-04	-1.17e-03	0.0
1260	35	1.48e-03	3.17e-03	-0.02	-1.78e-04	-1.08e-03	0.0
1260	37	1.44e-03	3.00e-03	-0.02	-1.35e-04	-1.03e-03	0.0
1261	7	2.33e-03	5.28e-03	0.02	-7.28e-05	-1.31e-03	0.0
1261	8	2.35e-03	5.42e-03	0.02	-1.01e-04	-1.34e-03	0.0
1261	31	1.68e-03	3.96e-03	0.01	-6.19e-05	-9.76e-04	0.0
1261	32	1.70e-03	4.05e-03	0.01	-8.05e-05	-9.93e-04	0.0
1261	37	1.35e-03	3.64e-03	0.01	-7.99e-05	-8.76e-04	0.0
1262	7	2.25e-03	6.47e-03	0.06	3.16e-05	-1.17e-03	0.0
1262	8	2.27e-03	6.62e-03	0.06	8.32e-06	-1.19e-03	0.0
1262	31	1.62e-03	4.84e-03	0.04	1.66e-05	-8.67e-04	0.0
1262	32	1.64e-03	4.94e-03	0.04	1.10e-06	-8.82e-04	0.0
1262	37	1.30e-03	4.44e-03	0.04	-7.02e-06	-7.77e-04	0.0
1263	8	-8.22e-03	-5.18e-04	-0.04	-2.86e-04	1.80e-03	-5.58e-05
1263	21	-6.88e-03	-7.07e-04	-0.04	-3.22e-04	1.45e-03	-4.32e-05
1263	32	-6.03e-03	-4.33e-04	-0.03	-2.22e-04	1.31e-03	-4.06e-05
1263	35	-5.14e-03	-5.59e-04	-0.03	-2.46e-04	1.08e-03	-3.21e-05
1263	37	-5.11e-03	-5.34e-04	-0.03	-2.22e-04	1.10e-03	-3.38e-05
1264	7	-0.02	-4.95e-03	-0.06	-3.04e-04	1.70e-03	-1.32e-04
1264	21	-0.01	-5.31e-03	-0.06	-3.65e-04	1.35e-03	-1.02e-04
1264	22	-0.02	-5.31e-03	-0.07	-3.56e-04	1.49e-03	-1.13e-04
1264	31	-0.01	-3.81e-03	-0.05	-2.38e-04	1.24e-03	-9.61e-05
1264	35	-0.01	-4.05e-03	-0.05	-2.79e-04	1.01e-03	-7.64e-05
1264	36	-0.01	-4.05e-03	-0.05	-2.73e-04	1.10e-03	-8.37e-05
1264	37	-0.01	-3.81e-03	-0.05	-2.52e-04	1.04e-03	-7.94e-05
1265	7	-0.02	-9.24e-03	-0.08	-2.30e-04	1.65e-03	-1.87e-04
1265	22	-0.02	-9.82e-03	-0.09	-2.77e-04	1.43e-03	-1.61e-04
1265	31	-0.02	-7.08e-03	-0.06	-1.81e-04	1.20e-03	-1.36e-04
1265	36	-0.01	-7.46e-03	-0.07	-2.12e-04	1.06e-03	-1.19e-04
1265	37	-0.01	-6.98e-03	-0.06	-1.95e-04	1.00e-03	-1.13e-04
1266	7	-0.02	-0.01	-0.10	-7.47e-05	1.61e-03	-2.29e-04
1266	22	-0.02	-0.01	-0.10	-1.08e-04	1.39e-03	-1.97e-04
1266	31	-0.02	-9.55e-03	-0.08	-6.21e-05	1.18e-03	-1.67e-04
1266	36	-0.02	-0.01	-0.08	-8.41e-05	1.03e-03	-1.46e-04
1266	37	-0.01	-9.36e-03	-0.07	-7.64e-05	9.77e-04	-1.38e-04
1267	7	-0.02	-0.01	-0.10	1.27e-04	1.58e-03	-2.61e-04
1267	22	-0.02	-0.01	-0.11	1.11e-04	1.36e-03	-2.25e-04
1267	31	-0.02	-0.01	-0.08	9.27e-05	1.15e-03	-1.90e-04
1267	36	-0.02	-0.01	-0.08	8.20e-05	1.01e-03	-1.66e-04
1267	37	-0.01	-0.01	-0.08	7.74e-05	9.56e-04	-1.58e-04
1268	7	-0.02	-0.01	-0.10	3.34e-04	1.55e-03	-2.82e-04
1268	22	-0.02	-0.01	-0.10	3.34e-04	1.33e-03	-2.43e-04
1268	31	-0.02	-0.01	-0.07	2.52e-04	1.13e-03	-2.06e-04
1268	36	-0.01	-0.01	-0.08	2.52e-04	9.83e-04	-1.80e-04
1268	37	-0.01	-0.01	-0.07	2.35e-04	9.36e-04	-1.71e-04
1269	7	-0.02	-0.01	-0.08	5.03e-04	1.53e-03	-2.94e-04
1269	22	-0.02	-0.01	-0.08	5.16e-04	1.31e-03	-2.54e-04
1269	31	-0.01	-8.87e-03	-0.06	3.81e-04	1.11e-03	-2.14e-04
1269	36	-0.01	-9.12e-03	-0.06	3.90e-04	9.67e-04	-1.88e-04
1269	37	-0.01	-8.53e-03	-0.06	3.62e-04	9.22e-04	-1.78e-04
1270	7	-0.02	-8.22e-03	-0.06	5.89e-04	1.52e-03	-2.96e-04
1270	8	-0.02	-8.39e-03	-0.06	6.07e-04	1.49e-03	-2.91e-04
1270	22	-0.01	-8.30e-03	-0.06	6.08e-04	1.30e-03	-2.56e-04
1270	31	-0.01	-6.22e-03	-0.04	4.47e-04	1.11e-03	-2.16e-04
1270	32	-0.01	-6.33e-03	-0.04	4.58e-04	1.09e-03	-2.12e-04
1270	36	-0.01	-6.27e-03	-0.04	4.59e-04	9.63e-04	-1.89e-04
1270	37	-0.01	-5.89e-03	-0.04	4.27e-04	9.18e-04	-1.79e-04
1271	7	-0.01	-4.32e-03	-0.03	5.36e-04	1.54e-03	-2.83e-04
1271	8	-0.01	-4.34e-03	-0.03	5.51e-04	1.52e-03	-2.79e-04
1271	31	-9.54e-03	-3.24e-03	-0.02	4.05e-04	1.12e-03	-2.07e-04
1271	32	-9.51e-03	-3.25e-03	-0.02	4.16e-04	1.11e-03	-2.04e-04
1271	37	-8.09e-03	-2.97e-03	-0.02	3.85e-04	9.39e-04	-1.73e-04
1272	7	4.21e-03	-4.31e-03	0.09	3.51e-04	9.04e-04	-2.09e-04
1272	31	3.03e-03	-3.12e-03	0.06	2.50e-04	6.58e-04	-1.53e-04
1272	37	2.42e-03	-2.53e-03	0.05	1.87e-04	5.43e-04	-1.31e-04
1273	7	-0.01	0.03	0.14	5.39e-04	1.49e-03	-2.34e-04
1273	31	-7.60e-03	0.02	0.10	4.08e-04	1.08e-03	-1.70e-04
1273	37	-6.46e-03	0.02	0.09	3.91e-04	8.95e-04	-1.41e-04
1274	7	-7.21e-03	1.69e-03	0.10	5.56e-05	1.20e-03	-1.87e-04
1274	8	-7.23e-03	1.58e-03	0.10	3.19e-05	1.19e-03	-1.85e-04
1274	31	-5.29e-03	1.15e-03	0.07	2.67e-05	8.77e-04	-1.36e-04

1274	32	-5.31e-03	1.08e-03	0.07	1.09e-05	8.65e-04	-1.35e-04
1274	37	-4.51e-03	6.94e-04	0.06	-2.26e-05	7.26e-04	-1.13e-04
1275	7	-0.02	5.19e-03	0.09	-1.87e-04	1.43e-03	-2.25e-04
1275	31	-0.01	3.56e-03	0.06	-1.53e-04	1.04e-03	-1.64e-04
1275	37	-9.91e-03	2.23e-03	0.05	-1.82e-04	8.60e-04	-1.35e-04
1276	7	-0.02	6.95e-03	0.07	-2.21e-04	1.51e-03	-2.37e-04
1276	31	-0.02	4.71e-03	0.05	-1.76e-04	1.10e-03	-1.73e-04
1276	37	-0.01	2.73e-03	0.03	-1.93e-04	9.06e-04	-1.43e-04
1277	7	-0.02	8.20e-03	0.06	-1.07e-04	1.52e-03	-2.38e-04
1277	31	-0.02	5.51e-03	0.04	-8.70e-05	1.10e-03	-1.73e-04
1277	37	-0.01	3.07e-03	0.02	-1.01e-04	9.08e-04	-1.43e-04
1278	7	-0.02	9.89e-03	0.05	8.27e-05	1.50e-03	-2.36e-04
1278	31	-0.02	6.71e-03	0.03	5.94e-05	1.09e-03	-1.72e-04
1278	37	-0.01	3.93e-03	0.02	4.67e-05	8.96e-04	-1.41e-04
1279	7	-0.02	0.01	0.05	2.92e-04	1.48e-03	-2.33e-04
1279	31	-0.02	8.63e-03	0.04	2.20e-04	1.08e-03	-1.69e-04
1279	37	-0.01	5.62e-03	0.02	2.06e-04	8.84e-04	-1.39e-04
1280	7	-0.02	0.02	0.07	4.68e-04	1.47e-03	-2.31e-04
1280	31	-0.01	0.01	0.05	3.55e-04	1.07e-03	-1.68e-04
1280	37	-0.01	8.12e-03	0.03	3.40e-04	8.77e-04	-1.38e-04
1281	7	-0.02	0.02	0.09	5.65e-04	1.47e-03	-2.31e-04
1281	31	-0.01	0.01	0.07	4.29e-04	1.07e-03	-1.68e-04
1281	37	-0.01	0.01	0.05	4.13e-04	8.76e-04	-1.38e-04
1282	7	-0.01	0.02	0.12	5.65e-04	1.47e-03	-2.33e-04
1282	31	-9.85e-03	0.02	0.08	4.29e-04	1.07e-03	-1.69e-04
1282	37	-8.36e-03	0.01	0.07	4.12e-04	8.83e-04	-1.40e-04
1283	7	-0.01	0.02	0.09	5.25e-04	1.50e-03	-2.36e-04
1283	31	-7.60e-03	0.01	0.07	3.98e-04	1.09e-03	-1.72e-04
1283	37	-6.46e-03	0.01	0.06	3.80e-04	9.04e-04	-1.42e-04
1284	7	-0.01	7.27e-03	0.04	4.70e-04	1.55e-03	-2.43e-04
1284	31	-7.87e-03	5.32e-03	0.03	3.55e-04	1.13e-03	-1.78e-04
1284	37	-6.70e-03	4.49e-03	0.03	3.37e-04	9.42e-04	-1.48e-04
1285	7	-0.01	-2.63e-03	-0.02	4.26e-04	1.58e-03	-2.69e-04
1285	8	-0.01	-2.60e-03	-0.02	4.36e-04	1.55e-03	-2.66e-04
1285	31	-8.56e-03	-1.95e-03	-0.01	3.21e-04	1.15e-03	-1.97e-04
1285	32	-8.54e-03	-1.93e-03	-0.01	3.28e-04	1.14e-03	-1.95e-04
1285	37	-7.28e-03	-1.73e-03	-0.01	3.02e-04	9.68e-04	-1.65e-04
1286	7	-0.01	-6.25e-03	-0.04	5.84e-04	1.52e-03	-2.91e-04
1286	8	-0.01	-6.35e-03	-0.04	6.02e-04	1.50e-03	-2.87e-04
1286	22	-0.01	-6.19e-03	-0.04	6.02e-04	1.31e-03	-2.53e-04
1286	31	-0.01	-4.71e-03	-0.03	4.43e-04	1.11e-03	-2.13e-04
1286	32	-0.01	-4.78e-03	-0.03	4.54e-04	1.09e-03	-2.10e-04
1286	36	-9.75e-03	-4.67e-03	-0.03	4.55e-04	9.70e-04	-1.87e-04
1286	37	-9.10e-03	-4.41e-03	-0.03	4.23e-04	9.24e-04	-1.77e-04
1287	7	-0.02	-0.01	-0.07	5.60e-04	1.52e-03	-2.96e-04
1287	8	-0.02	-0.01	-0.07	5.76e-04	1.49e-03	-2.91e-04
1287	22	-0.02	-0.01	-0.07	5.77e-04	1.30e-03	-2.56e-04
1287	31	-0.01	-7.63e-03	-0.05	4.24e-04	1.11e-03	-2.16e-04
1287	32	-0.01	-7.80e-03	-0.05	4.35e-04	1.09e-03	-2.13e-04
1287	36	-0.01	-7.79e-03	-0.05	4.35e-04	9.63e-04	-1.89e-04
1287	37	-0.01	-7.30e-03	-0.05	4.05e-04	9.18e-04	-1.79e-04
1288	7	-0.02	-0.01	-0.09	4.26e-04	1.54e-03	-2.89e-04
1288	22	-0.02	-0.01	-0.09	4.34e-04	1.32e-03	-2.50e-04
1288	31	-0.02	-9.85e-03	-0.07	3.22e-04	1.12e-03	-2.11e-04
1288	36	-0.01	-0.01	-0.07	3.27e-04	9.74e-04	-1.84e-04
1288	37	-0.01	-9.51e-03	-0.07	3.04e-04	9.28e-04	-1.75e-04
1289	7	-0.02	-0.01	-0.10	2.33e-04	1.56e-03	-2.73e-04
1289	22	-0.02	-0.01	-0.11	2.25e-04	1.34e-03	-2.35e-04
1289	31	-0.02	-0.01	-0.08	1.74e-04	1.14e-03	-1.99e-04
1289	36	-0.02	-0.01	-0.08	1.69e-04	9.94e-04	-1.74e-04
1289	37	-0.01	-0.01	-0.08	1.58e-04	9.46e-04	-1.65e-04
1290	7	-0.02	-0.01	-0.10	2.28e-05	1.60e-03	-2.46e-04
1290	22	-0.02	-0.01	-0.11	-1.88e-06	1.38e-03	-2.12e-04
1290	31	-0.02	-0.01	-0.08	1.28e-05	1.16e-03	-1.79e-04
1290	36	-0.02	-0.01	-0.08	-3.69e-06	1.02e-03	-1.57e-04
1290	37	-0.02	-0.01	-0.08	-1.89e-06	9.66e-04	-1.49e-04
1291	7	-0.02	-0.01	-0.09	-1.61e-04	1.63e-03	-2.09e-04
1291	22	-0.02	-0.01	-0.10	-2.01e-04	1.41e-03	-1.80e-04
1291	31	-0.02	-8.45e-03	-0.07	-1.28e-04	1.19e-03	-1.53e-04
1291	36	-0.02	-8.89e-03	-0.07	-1.55e-04	1.04e-03	-1.33e-04
1291	37	-0.01	-8.30e-03	-0.07	-1.42e-04	9.89e-04	-1.27e-04
1292	7	-0.02	-7.17e-03	-0.07	-2.79e-04	1.67e-03	-1.61e-04
1292	22	-0.02	-7.65e-03	-0.08	-3.30e-04	1.46e-03	-1.39e-04
1292	31	-0.01	-5.50e-03	-0.06	-2.19e-04	1.22e-03	-1.18e-04
1292	36	-0.01	-5.82e-03	-0.06	-2.53e-04	1.08e-03	-1.03e-04
1292	37	-0.01	-5.46e-03	-0.05	-2.33e-04	1.02e-03	-9.74e-05
1293	7	-0.01	-2.68e-03	-0.05	-3.01e-04	1.75e-03	-9.76e-05

1293	8	-0.01	-2.77e-03	-0.05	-3.21e-04	1.73e-03	-9.58e-05
1293	21	-0.01	-2.96e-03	-0.05	-3.61e-04	1.39e-03	-7.53e-05
1293	31	-9.57e-03	-2.08e-03	-0.04	-2.36e-04	1.28e-03	-7.10e-05
1293	32	-9.56e-03	-2.14e-03	-0.04	-2.49e-04	1.26e-03	-6.98e-05
1293	35	-8.06e-03	-2.27e-03	-0.04	-2.76e-04	1.04e-03	-5.61e-05
1293	37	-8.09e-03	-2.14e-03	-0.04	-2.49e-04	1.06e-03	-5.85e-05
1294	8	-1.98e-03	1.49e-03	-0.03	-2.11e-04	1.91e-03	-9.91e-06
1294	32	-1.47e-03	1.09e-03	-0.02	-1.65e-04	1.40e-03	-7.04e-06
1294	37	-1.27e-03	8.84e-04	-0.02	-1.65e-04	1.18e-03	-5.46e-06
1295	7	4.52e-03	1.80e-03	0.03	5.97e-05	1.15e-03	-4.22e-04
1295	8	4.38e-03	1.89e-03	0.03	4.89e-05	1.14e-03	-4.19e-04
1295	31	3.27e-03	1.35e-03	0.02	3.66e-05	8.39e-04	-3.09e-04
1295	32	3.18e-03	1.41e-03	0.02	2.94e-05	8.29e-04	-3.07e-04
1295	37	2.63e-03	1.23e-03	0.02	8.22e-06	6.92e-04	-2.59e-04
1296	7	3.89e-03	-1.28e-03	0.06	2.17e-04	9.21e-04	-2.84e-04
1296	31	2.80e-03	-9.06e-04	0.04	1.52e-04	6.70e-04	-2.08e-04
1296	37	2.23e-03	-6.70e-04	0.03	1.04e-04	5.50e-04	-1.74e-04
1297	7	-1.72e-03	-1.00e-03	0.10	2.30e-04	1.04e-03	-1.66e-04
1297	8	-1.80e-03	-9.85e-04	0.09	2.10e-04	1.03e-03	-1.63e-04
1297	31	-1.28e-03	-7.53e-04	0.07	1.57e-04	7.58e-04	-1.21e-04
1297	32	-1.34e-03	-7.42e-04	0.07	1.44e-04	7.47e-04	-1.19e-04
1297	37	-1.17e-03	-7.00e-04	0.06	9.63e-05	6.26e-04	-9.98e-05
1298	7	-0.01	3.73e-03	0.10	-9.28e-05	1.34e-03	-2.10e-04
1298	31	-8.82e-03	2.57e-03	0.07	-8.36e-05	9.73e-04	-1.53e-04
1298	37	-7.46e-03	1.65e-03	0.05	-1.21e-04	8.06e-04	-1.27e-04
1299	7	-0.02	6.21e-03	0.08	-2.27e-04	1.48e-03	-2.34e-04
1299	31	-0.01	4.23e-03	0.06	-1.82e-04	1.08e-03	-1.70e-04
1299	37	-0.01	2.56e-03	0.04	-2.04e-04	8.91e-04	-1.41e-04
1300	7	-0.02	7.57e-03	0.06	-1.78e-04	1.52e-03	-2.39e-04
1300	31	-0.02	5.10e-03	0.04	-1.42e-04	1.10e-03	-1.74e-04
1300	37	-0.01	2.87e-03	0.03	-1.57e-04	9.10e-04	-1.43e-04
1301	7	-0.02	8.95e-03	0.05	-1.81e-05	1.51e-03	-2.38e-04
1301	31	-0.02	6.03e-03	0.03	-1.81e-05	1.10e-03	-1.73e-04
1301	37	-0.01	3.40e-03	0.02	-3.10e-05	9.02e-04	-1.42e-04
1302	7	-0.02	0.01	0.05	1.88e-04	1.49e-03	-2.34e-04
1302	31	-0.02	7.57e-03	0.03	1.40e-04	1.08e-03	-1.70e-04
1302	37	-0.01	4.66e-03	0.02	1.27e-04	8.89e-04	-1.40e-04
1303	7	-0.02	0.01	0.06	3.87e-04	1.48e-03	-2.32e-04
1303	31	-0.02	9.88e-03	0.04	2.93e-04	1.07e-03	-1.69e-04
1303	37	-0.01	6.79e-03	0.02	2.79e-04	8.79e-04	-1.38e-04
1304	7	-0.02	0.02	0.08	5.29e-04	1.47e-03	-2.31e-04
1304	31	-0.01	0.01	0.06	4.02e-04	1.07e-03	-1.68e-04
1304	37	-0.01	9.56e-03	0.04	3.86e-04	8.75e-04	-1.38e-04
1305	7	-0.02	0.02	0.11	5.76e-04	1.47e-03	-2.30e-04
1305	31	-0.01	0.02	0.08	4.37e-04	1.07e-03	-1.68e-04
1305	37	-9.32e-03	0.01	0.06	4.20e-04	8.78e-04	-1.38e-04
1306	7	-0.01	0.03	0.13	5.47e-04	1.48e-03	-2.33e-04
1306	31	-8.74e-03	0.02	0.09	4.15e-04	1.08e-03	-1.70e-04
1306	37	-7.42e-03	0.02	0.08	3.97e-04	8.90e-04	-1.40e-04
1307	7	-0.01	6.05e-03	0.03	4.96e-04	1.51e-03	-2.38e-04
1307	31	-8.55e-03	4.38e-03	0.02	3.76e-04	1.10e-03	-1.73e-04
1307	37	-7.26e-03	3.55e-03	0.02	3.57e-04	9.15e-04	-1.44e-04
1308	7	-0.01	0.02	0.08	5.33e-04	1.48e-03	-2.33e-04
1308	31	-8.73e-03	0.01	0.06	4.04e-04	1.08e-03	-1.70e-04
1308	37	-7.42e-03	9.53e-03	0.05	3.86e-04	8.93e-04	-1.41e-04
1309	7	-0.01	4.81e-03	0.02	5.50e-04	1.48e-03	-2.35e-04
1309	31	-9.70e-03	3.42e-03	0.01	4.17e-04	1.08e-03	-1.72e-04
1309	37	-8.23e-03	2.56e-03	8.91e-03	3.98e-04	8.94e-04	-1.42e-04
1310	7	-0.01	0.01	0.07	5.59e-04	1.47e-03	-2.33e-04
1310	31	-9.83e-03	0.01	0.05	4.24e-04	1.07e-03	-1.70e-04
1310	37	-8.34e-03	8.24e-03	0.04	4.06e-04	8.82e-04	-1.40e-04
1311	7	-0.01	3.07e-03	7.69e-03	5.82e-04	1.48e-03	-2.35e-04
1311	31	-0.01	2.08e-03	4.29e-03	4.41e-04	1.08e-03	-1.71e-04
1311	37	-9.22e-03	1.22e-03	-6.78e-04	4.22e-04	8.91e-04	-1.41e-04
1312	7	-0.01	0.01	0.06	5.76e-04	1.47e-03	-2.32e-04
1312	31	-0.01	8.87e-03	0.04	4.38e-04	1.07e-03	-1.68e-04
1312	37	-9.30e-03	6.84e-03	0.03	4.20e-04	8.79e-04	-1.38e-04
1313	7	-0.02	1.16e-03	-5.48e-03	5.81e-04	1.49e-03	-2.34e-04
1313	21	-0.01	-7.78e-04	-0.02	5.89e-04	1.14e-03	-1.80e-04
1313	31	-0.01	6.19e-04	-5.78e-03	4.41e-04	1.08e-03	-1.71e-04
1313	35	-0.01	-6.74e-04	-0.01	4.46e-04	8.53e-04	-1.34e-04
1313	37	-0.01	-2.24e-04	-0.01	4.22e-04	8.95e-04	-1.41e-04
1314	7	-0.02	0.01	0.04	5.70e-04	1.47e-03	-2.32e-04
1314	31	-0.01	7.38e-03	0.03	4.33e-04	1.07e-03	-1.69e-04
1314	37	-0.01	5.37e-03	0.02	4.15e-04	8.82e-04	-1.39e-04
1315	7	-0.02	-7.17e-04	-0.02	5.49e-04	1.50e-03	-2.36e-04
1315	21	-0.02	-2.80e-03	-0.03	5.55e-04	1.15e-03	-1.81e-04

1315	31	-0.01	-8.21e-04	-0.02	4.16e-04	1.09e-03	-1.72e-04
1315	35	-0.01	-2.21e-03	-0.02	4.21e-04	8.59e-04	-1.35e-04
1315	37	-0.01	-1.65e-03	-0.02	3.98e-04	9.00e-04	-1.42e-04
1316	7	-0.02	8.52e-03	0.03	5.36e-04	1.48e-03	-2.33e-04
1316	31	-0.01	5.91e-03	0.02	4.07e-04	1.08e-03	-1.69e-04
1316	37	-0.01	3.91e-03	9.42e-03	3.90e-04	8.86e-04	-1.39e-04
1317	7	-0.02	-2.43e-03	-0.03	4.91e-04	1.51e-03	-2.37e-04
1317	21	-0.02	-4.63e-03	-0.04	4.93e-04	1.16e-03	-1.82e-04
1317	31	-0.01	-2.13e-03	-0.02	3.72e-04	1.10e-03	-1.73e-04
1317	35	-0.01	-3.60e-03	-0.03	3.73e-04	8.65e-04	-1.36e-04
1317	37	-0.01	-2.94e-03	-0.03	3.54e-04	9.06e-04	-1.43e-04
1318	7	-0.02	6.69e-03	0.02	4.77e-04	1.49e-03	-2.34e-04
1318	31	-0.01	4.51e-03	0.01	3.62e-04	1.08e-03	-1.70e-04
1318	37	-0.01	2.54e-03	1.03e-03	3.46e-04	8.90e-04	-1.40e-04
1319	7	-0.02	-3.88e-03	-0.04	4.12e-04	1.52e-03	-2.39e-04
1319	21	-0.02	-6.17e-03	-0.05	4.09e-04	1.17e-03	-1.84e-04
1319	31	-0.02	-3.24e-03	-0.03	3.12e-04	1.11e-03	-1.74e-04
1319	35	-0.01	-4.77e-03	-0.04	3.10e-04	8.72e-04	-1.37e-04
1319	37	-0.01	-4.04e-03	-0.04	2.95e-04	9.13e-04	-1.44e-04
1320	7	-0.02	5.06e-03	0.01	3.98e-04	1.50e-03	-2.36e-04
1320	23	-0.01	-5.38e-04	-0.02	3.03e-04	7.88e-04	-1.24e-04
1320	31	-0.02	3.27e-03	4.97e-03	3.01e-04	1.09e-03	-1.71e-04
1320	35	-0.01	3.74e-04	-0.01	3.00e-04	8.53e-04	-1.34e-04
1320	37	-0.01	1.34e-03	-5.90e-03	2.86e-04	8.96e-04	-1.41e-04
1321	7	-0.02	-4.99e-03	-0.05	3.19e-04	1.53e-03	-2.40e-04
1321	21	-0.02	-7.34e-03	-0.06	3.09e-04	1.18e-03	-1.85e-04
1321	31	-0.02	-4.09e-03	-0.04	2.40e-04	1.11e-03	-1.75e-04
1321	35	-0.01	-5.66e-03	-0.05	2.33e-04	8.79e-04	-1.38e-04
1321	37	-0.01	-4.86e-03	-0.04	2.24e-04	9.20e-04	-1.45e-04
1322	7	-0.02	3.69e-03	4.38e-03	3.04e-04	1.51e-03	-2.37e-04
1322	23	-0.01	-1.60e-03	-0.02	2.24e-04	7.95e-04	-1.25e-04
1322	31	-0.02	2.23e-03	-1.63e-04	2.29e-04	1.10e-03	-1.72e-04
1322	35	-0.01	-6.67e-04	-0.02	2.23e-04	8.59e-04	-1.35e-04
1322	37	-0.01	3.50e-04	-0.01	2.15e-04	9.02e-04	-1.42e-04
1323	7	-0.02	-5.71e-03	-0.05	2.16e-04	1.54e-03	-2.42e-04
1323	21	-0.02	-8.08e-03	-0.07	1.98e-04	1.19e-03	-1.87e-04
1323	31	-0.02	-4.64e-03	-0.04	1.61e-04	1.12e-03	-1.76e-04
1323	35	-0.01	-6.22e-03	-0.05	1.49e-04	8.87e-04	-1.39e-04
1323	37	-0.01	-5.39e-03	-0.04	1.47e-04	9.28e-04	-1.46e-04
1324	7	-0.02	2.63e-03	4.40e-04	2.01e-04	1.52e-03	-2.38e-04
1324	23	-0.01	-2.36e-03	-0.03	1.36e-04	8.02e-04	-1.26e-04
1324	31	-0.02	1.43e-03	-3.19e-03	1.50e-04	1.10e-03	-1.73e-04
1324	35	-0.01	-1.43e-03	-0.02	1.38e-04	8.67e-04	-1.36e-04
1324	37	-0.01	-3.87e-04	-0.01	1.36e-04	9.09e-04	-1.43e-04
1325	7	-0.02	-6.02e-03	-0.05	1.10e-04	1.55e-03	-2.44e-04
1325	21	-0.02	-8.37e-03	-0.07	8.34e-05	1.20e-03	-1.89e-04
1325	31	-0.02	-4.87e-03	-0.04	7.99e-05	1.13e-03	-1.78e-04
1325	35	-0.01	-6.44e-03	-0.05	6.23e-05	8.96e-04	-1.41e-04
1325	37	-0.02	-5.61e-03	-0.05	6.59e-05	9.35e-04	-1.47e-04
1326	7	-0.02	1.90e-03	-5.96e-04	9.51e-05	1.53e-03	-2.40e-04
1326	23	-0.01	-2.80e-03	-0.03	4.52e-05	8.10e-04	-1.27e-04
1326	31	-0.02	8.91e-04	-4.00e-03	6.89e-05	1.11e-03	-1.75e-04
1326	35	-0.01	-1.89e-03	-0.02	5.06e-05	8.74e-04	-1.38e-04
1326	37	-0.02	-8.55e-04	-0.01	5.57e-05	9.15e-04	-1.44e-04
1327	7	-0.02	-5.92e-03	-0.05	5.58e-06	1.56e-03	-2.46e-04
1327	21	-0.02	-8.20e-03	-0.07	-2.96e-05	1.21e-03	-1.91e-04
1327	31	-0.02	-4.79e-03	-0.04	0.0	1.14e-03	-1.79e-04
1327	35	-0.02	-6.31e-03	-0.05	-2.36e-05	9.05e-04	-1.43e-04
1327	37	-0.02	-5.50e-03	-0.04	-1.36e-05	9.43e-04	-1.49e-04
1328	7	-0.02	1.49e-03	1.27e-03	-7.52e-06	1.53e-03	-2.42e-04
1328	23	-0.01	-2.93e-03	-0.03	-4.34e-05	8.18e-04	-1.29e-04
1328	31	-0.02	6.04e-04	-2.57e-03	-1.00e-05	1.12e-03	-1.76e-04
1328	35	-0.01	-2.06e-03	-0.02	-3.47e-05	8.82e-04	-1.39e-04
1328	37	-0.02	-1.06e-03	-0.01	-2.30e-05	9.22e-04	-1.45e-04
1329	7	-0.02	-5.43e-03	-0.05	-9.14e-05	1.57e-03	-2.47e-04
1329	21	-0.02	-7.60e-03	-0.06	-1.35e-04	1.22e-03	-1.92e-04
1329	31	-0.02	-4.40e-03	-0.04	-7.46e-05	1.15e-03	-1.80e-04
1329	35	-0.01	-5.85e-03	-0.05	-1.04e-04	9.13e-04	-1.43e-04
1329	37	-0.01	-5.10e-03	-0.04	-8.78e-05	9.50e-04	-1.49e-04
1330	7	-0.02	1.37e-03	5.86e-03	-1.01e-04	1.54e-03	-2.42e-04
1330	23	-0.01	-2.76e-03	-0.02	-1.25e-04	8.26e-04	-1.30e-04
1330	31	-0.02	5.49e-04	9.48e-04	-8.19e-05	1.12e-03	-1.76e-04
1330	35	-0.01	-1.94e-03	-0.02	-1.13e-04	8.88e-04	-1.40e-04
1330	37	-0.01	-1.01e-03	-9.98e-03	-9.50e-05	9.26e-04	-1.46e-04
1331	7	-0.02	-4.61e-03	-0.04	-1.76e-04	1.58e-03	-2.49e-04
1331	21	-0.02	-6.61e-03	-0.05	-2.27e-04	1.23e-03	-1.94e-04
1331	31	-0.02	-3.76e-03	-0.03	-1.40e-04	1.15e-03	-1.81e-04

1331	35	-0.01	-5.10e-03	-0.04	-1.74e-04	9.19e-04	-1.45e-04
1331	37	-0.01	-4.42e-03	-0.04	-1.53e-04	9.55e-04	-1.50e-04
1332	7	-0.02	1.50e-03	0.01	-1.79e-04	1.54e-03	-2.42e-04
1332	23	-0.01	-2.33e-03	-0.02	-1.94e-04	8.30e-04	-1.31e-04
1332	31	-0.02	6.83e-04	6.31e-03	-1.42e-04	1.12e-03	-1.77e-04
1332	35	-0.01	-1.59e-03	-0.01	-1.79e-04	8.91e-04	-1.40e-04
1332	37	-0.01	-7.56e-04	-4.65e-03	-1.56e-04	9.28e-04	-1.46e-04
1333	7	-0.02	-3.52e-03	-0.03	-2.43e-04	1.58e-03	-2.49e-04
1333	21	-0.02	-5.31e-03	-0.04	-3.01e-04	1.24e-03	-1.95e-04
1333	31	-0.02	-2.91e-03	-0.02	-1.91e-04	1.15e-03	-1.81e-04
1333	35	-0.01	-4.10e-03	-0.03	-2.30e-04	9.23e-04	-1.45e-04
1333	37	-0.01	-3.53e-03	-0.03	-2.04e-04	9.56e-04	-1.51e-04
1334	7	-0.02	1.78e-03	0.02	-2.34e-04	1.53e-03	-2.41e-04
1334	31	-0.02	9.42e-04	0.01	-1.85e-04	1.12e-03	-1.75e-04
1334	35	-0.01	-1.07e-03	-4.00e-03	-2.28e-04	8.88e-04	-1.40e-04
1334	37	-0.01	-3.56e-04	2.15e-03	-2.00e-04	9.23e-04	-1.45e-04
1335	7	-0.02	-2.25e-03	-0.02	-2.88e-04	1.58e-03	-2.48e-04
1335	21	-0.02	-3.80e-03	-0.03	-3.51e-04	1.23e-03	-1.94e-04
1335	31	-0.01	-1.92e-03	-0.02	-2.26e-04	1.15e-03	-1.81e-04
1335	35	-0.01	-2.95e-03	-0.03	-2.68e-04	9.21e-04	-1.45e-04
1335	37	-0.01	-2.49e-03	-0.02	-2.39e-04	9.53e-04	-1.50e-04
1336	7	-0.02	2.09e-03	0.03	-2.60e-04	1.50e-03	-2.38e-04
1336	31	-0.01	1.24e-03	0.02	-2.06e-04	1.10e-03	-1.73e-04
1336	37	-0.01	1.08e-04	9.89e-03	-2.23e-04	9.07e-04	-1.43e-04
1337	7	-0.02	-9.50e-04	-8.75e-03	-3.06e-04	1.55e-03	-2.45e-04
1337	21	-0.01	-2.21e-03	-0.02	-3.71e-04	1.22e-03	-1.92e-04
1337	31	-0.01	-8.97e-04	-8.19e-03	-2.40e-04	1.13e-03	-1.78e-04
1337	35	-0.01	-1.74e-03	-0.02	-2.84e-04	9.10e-04	-1.43e-04
1337	37	-0.01	-1.41e-03	-0.01	-2.54e-04	9.40e-04	-1.48e-04
1338	7	-0.02	2.31e-03	0.04	-2.49e-04	1.45e-03	-2.29e-04
1338	31	-0.01	1.47e-03	0.03	-1.98e-04	1.06e-03	-1.66e-04
1338	37	-0.01	5.31e-04	0.02	-2.19e-04	8.76e-04	-1.38e-04
1339	7	-0.01	2.21e-04	2.75e-03	-2.92e-04	1.51e-03	-2.37e-04
1339	23	-7.57e-03	-8.01e-04	-9.09e-03	-2.91e-04	8.29e-04	-1.30e-04
1339	31	-9.41e-03	2.88e-05	6.53e-04	-2.29e-04	1.10e-03	-1.73e-04
1339	35	-7.92e-03	-6.04e-04	-6.67e-03	-2.73e-04	8.84e-04	-1.39e-04
1339	37	-7.95e-03	-4.04e-04	-3.84e-03	-2.44e-04	9.12e-04	-1.43e-04
1340	7	-0.01	2.24e-03	0.05	-1.91e-04	1.36e-03	-2.15e-04
1340	31	-9.13e-03	1.49e-03	0.04	-1.55e-04	9.93e-04	-1.56e-04
1340	37	-7.72e-03	7.85e-04	0.03	-1.81e-04	8.21e-04	-1.29e-04
1341	7	-8.00e-03	1.02e-03	0.01	-2.39e-04	1.43e-03	-2.22e-04
1341	8	-8.02e-03	9.59e-04	0.01	-2.59e-04	1.41e-03	-2.20e-04
1341	31	-5.87e-03	6.76e-04	8.83e-03	-1.89e-04	1.04e-03	-1.62e-04
1341	32	-5.88e-03	6.39e-04	7.78e-03	-2.02e-04	1.03e-03	-1.60e-04
1341	37	-4.99e-03	3.53e-04	4.35e-03	-2.04e-04	8.61e-04	-1.34e-04
1342	7	-7.60e-03	1.71e-03	0.06	-8.07e-05	1.23e-03	-1.90e-04
1342	8	-7.63e-03	1.62e-03	0.06	-1.03e-04	1.21e-03	-1.87e-04
1342	31	-5.58e-03	1.17e-03	0.04	-7.30e-05	8.95e-04	-1.38e-04
1342	32	-5.59e-03	1.11e-03	0.04	-8.78e-05	8.83e-04	-1.36e-04
1342	37	-4.74e-03	7.38e-04	0.03	-1.07e-04	7.39e-04	-1.14e-04
1343	7	-2.58e-03	8.80e-04	0.02	-1.35e-04	1.30e-03	-2.07e-04
1343	8	-2.65e-03	9.07e-04	0.02	-1.51e-04	1.28e-03	-2.05e-04
1343	31	-1.91e-03	6.33e-04	0.02	-1.10e-04	9.46e-04	-1.51e-04
1343	32	-1.96e-03	6.50e-04	0.01	-1.21e-04	9.35e-04	-1.49e-04
1343	37	-1.68e-03	4.96e-04	0.01	-1.28e-04	7.82e-04	-1.25e-04
1344	7	-2.06e-03	5.20e-04	0.06	7.62e-05	1.05e-03	-1.70e-04
1344	8	-2.14e-03	5.37e-04	0.06	5.79e-05	1.04e-03	-1.68e-04
1344	31	-1.53e-03	3.63e-04	0.04	4.46e-05	7.67e-04	-1.24e-04
1344	32	-1.58e-03	3.74e-04	0.04	3.25e-05	7.56e-04	-1.22e-04
1344	37	-1.37e-03	2.48e-04	0.03	1.80e-06	6.32e-04	-1.02e-04
1345	7	-8.45e-03	-5.95e-03	0.07	-1.33e-03	5.43e-03	-0.03
1345	8	-8.47e-03	-5.43e-03	0.06	-1.32e-03	5.48e-03	-0.03
1345	31	-6.21e-03	-4.21e-03	0.05	-9.74e-04	4.01e-03	-0.02
1345	32	-6.22e-03	-3.86e-03	0.05	-9.65e-04	4.05e-03	-0.02
1345	37	-5.32e-03	-3.08e-03	0.04	-8.14e-04	3.50e-03	-0.02
1346	7	-5.67e-03	-4.50e-03	0.05	-4.03e-04	3.41e-04	5.96e-05
1346	8	-5.70e-03	-4.04e-03	0.05	-3.95e-04	3.08e-04	5.39e-05
1346	31	-4.18e-03	-3.17e-03	0.04	-2.93e-04	2.38e-04	4.16e-05
1346	32	-4.20e-03	-2.86e-03	0.03	-2.87e-04	2.16e-04	3.78e-05
1346	37	-3.60e-03	-2.26e-03	0.03	-2.40e-04	1.64e-04	2.87e-05
1347	7	-4.79e-03	-3.28e-03	0.04	-2.60e-04	3.44e-04	5.95e-05
1347	8	-4.82e-03	-2.87e-03	0.04	-2.54e-04	3.15e-04	5.45e-05
1347	31	-3.53e-03	-2.29e-03	0.03	-1.89e-04	2.42e-04	4.18e-05
1347	32	-3.55e-03	-2.02e-03	0.03	-1.85e-04	2.22e-04	3.85e-05
1347	37	-3.05e-03	-1.57e-03	0.02	-1.54e-04	1.71e-04	2.97e-05
1348	7	-4.16e-03	-2.25e-03	0.03	-1.80e-04	3.21e-04	5.56e-05
1348	8	-4.20e-03	-1.89e-03	0.03	-1.75e-04	2.95e-04	5.11e-05

1348	31	-3.07e-03	-1.55e-03	0.02	-1.30e-04	2.26e-04	3.91e-05
1348	32	-3.09e-03	-1.31e-03	0.02	-1.27e-04	2.09e-04	3.61e-05
1348	37	-2.66e-03	-9.91e-04	0.02	-1.06e-04	1.62e-04	2.80e-05
1349	7	-3.58e-03	-1.49e-03	0.03	-1.14e-04	2.93e-04	5.13e-05
1349	8	-3.63e-03	-1.15e-03	0.03	-1.10e-04	2.69e-04	4.71e-05
1349	31	-2.64e-03	-1.00e-03	0.02	-8.23e-05	2.06e-04	3.61e-05
1349	32	-2.67e-03	-7.77e-04	0.02	-8.00e-05	1.91e-04	3.33e-05
1349	37	-2.30e-03	-5.58e-04	0.01	-6.62e-05	1.48e-04	2.58e-05
1350	7	-3.06e-03	-1.00e-03	0.02	-5.69e-05	2.70e-04	4.66e-05
1350	8	-3.10e-03	-6.90e-04	0.02	-5.44e-05	2.48e-04	4.27e-05
1350	31	-2.26e-03	-6.51e-04	0.02	-4.09e-05	1.90e-04	3.28e-05
1350	32	-2.29e-03	-4.45e-04	0.02	-3.92e-05	1.76e-04	3.02e-05
1350	37	-1.97e-03	-2.89e-04	0.01	-3.20e-05	1.36e-04	2.34e-05
1351	7	-2.58e-03	-7.59e-04	0.02	-5.61e-06	2.59e-04	4.48e-05
1351	8	-2.62e-03	-4.69e-04	0.02	-3.77e-06	2.38e-04	4.12e-05
1351	31	-1.91e-03	-4.82e-04	0.02	-3.49e-06	1.82e-04	3.16e-05
1351	32	-1.94e-03	-2.88e-04	0.02	-2.26e-06	1.68e-04	2.92e-05
1351	37	-1.67e-03	-1.67e-04	0.01	0.0	1.31e-04	2.26e-05
1352	7	-2.14e-03	-7.29e-04	0.02	4.31e-05	2.61e-04	4.52e-05
1352	8	-2.19e-03	-4.57e-04	0.02	4.46e-05	2.41e-04	4.18e-05
1352	31	-1.59e-03	-4.66e-04	0.02	3.21e-05	1.84e-04	3.19e-05
1352	32	-1.62e-03	-2.85e-04	0.02	3.31e-05	1.71e-04	2.97e-05
1352	37	-1.40e-03	-1.74e-04	0.01	2.89e-05	1.34e-04	2.32e-05
1353	7	-1.74e-03	-8.82e-04	0.03	9.20e-05	2.78e-04	4.82e-05
1353	8	-1.79e-03	-6.27e-04	0.02	9.32e-05	2.60e-04	4.50e-05
1353	31	-1.29e-03	-5.84e-04	0.02	6.79e-05	1.97e-04	3.42e-05
1353	32	-1.32e-03	-4.14e-04	0.02	6.87e-05	1.85e-04	3.21e-05
1353	37	-1.14e-03	-2.94e-04	0.01	5.91e-05	1.46e-04	2.53e-05
1354	7	-1.35e-03	-1.20e-03	0.03	1.43e-04	3.12e-04	5.41e-05
1354	8	-1.40e-03	-9.63e-04	0.03	1.44e-04	2.94e-04	5.10e-05
1354	31	-1.00e-03	-8.24e-04	0.02	1.05e-04	2.22e-04	3.85e-05
1354	32	-1.04e-03	-6.65e-04	0.02	1.06e-04	2.11e-04	3.65e-05
1354	37	-8.97e-04	-5.18e-04	0.02	9.06e-05	1.92e-04	2.92e-05
1355	7	-9.44e-04	-1.67e-03	0.03	1.96e-04	3.62e-04	6.27e-05
1355	8	-9.94e-04	-1.45e-03	0.03	1.97e-04	3.45e-04	5.98e-05
1355	31	-7.05e-04	-1.17e-03	0.02	1.44e-04	2.59e-04	4.49e-05
1355	32	-7.39e-04	-1.03e-03	0.02	1.45e-04	2.48e-04	4.30e-05
1355	37	-6.42e-04	-8.36e-04	0.02	1.24e-04	2.01e-04	3.48e-05
1356	7	-4.89e-04	-2.27e-03	0.04	2.51e-04	4.28e-04	7.34e-05
1356	22	-5.85e-04	-1.55e-03	0.03	2.30e-04	3.41e-04	5.84e-05
1356	31	-3.72e-04	-1.62e-03	0.03	1.84e-04	3.08e-04	5.28e-05
1356	36	-4.36e-04	-1.14e-03	0.02	1.70e-04	2.50e-04	4.28e-05
1356	37	-3.60e-04	-1.24e-03	0.02	1.57e-04	2.43e-04	4.16e-05
1357	7	4.15e-05	-2.97e-03	0.05	3.03e-04	5.07e-04	8.88e-05
1357	23	-1.60e-04	-1.25e-03	0.02	1.82e-04	2.47e-04	4.34e-05
1357	31	1.61e-05	-2.15e-03	0.03	2.22e-04	3.67e-04	6.42e-05
1357	35	-1.11e-04	-1.47e-03	0.03	1.90e-04	2.73e-04	4.80e-05
1357	37	-3.28e-05	-1.71e-03	0.03	1.89e-04	2.94e-04	5.15e-05
1358	7	6.66e-04	-3.70e-03	0.06	3.45e-04	5.97e-04	1.03e-04
1358	31	4.71e-04	-2.69e-03	0.04	2.52e-04	4.33e-04	7.49e-05
1358	37	3.47e-04	-2.19e-03	0.03	2.12e-04	3.51e-04	6.07e-05
1359	7	1.42e-03	-4.28e-03	0.07	3.62e-04	6.88e-04	1.19e-04
1359	31	1.02e-03	-3.11e-03	0.05	2.64e-04	5.00e-04	8.65e-05
1359	37	8.00e-04	-2.57e-03	0.04	2.18e-04	4.08e-04	7.07e-05
1360	7	2.51e-03	-4.45e-03	0.08	3.46e-04	7.74e-04	1.34e-04
1360	31	1.81e-03	-3.24e-03	0.06	2.49e-04	5.62e-04	9.75e-05
1360	37	1.43e-03	-2.67e-03	0.05	1.98e-04	4.62e-04	8.01e-05
1361	8	-9.58e-04	3.09e-03	-9.63e-03	-3.23e-05	8.90e-04	1.84e-04
1361	22	-9.86e-04	2.80e-03	-9.06e-03	-4.22e-05	7.80e-04	1.63e-04
1361	32	-7.13e-04	2.26e-03	-7.13e-03	-2.64e-05	6.48e-04	1.35e-04
1361	36	-7.32e-04	2.06e-03	-6.76e-03	-3.31e-05	5.75e-04	1.21e-04
1361	37	-6.17e-04	1.87e-03	-6.27e-03	-2.97e-05	5.40e-04	1.13e-04
1362	7	1.61e-04	2.12e-03	-4.88e-03	4.91e-05	5.59e-04	1.28e-04
1362	8	9.77e-05	2.11e-03	-4.92e-03	4.80e-05	5.48e-04	1.26e-04
1362	31	1.02e-04	1.52e-03	-3.62e-03	3.54e-05	4.06e-04	9.29e-05
1362	32	5.98e-05	1.51e-03	-3.65e-03	3.47e-05	3.98e-04	9.17e-05
1362	37	3.48e-05	1.18e-03	-3.22e-03	2.83e-05	3.31e-04	7.65e-05
1363	7	-7.90e-04	1.89e-03	-3.28e-03	3.60e-05	3.68e-04	7.85e-05
1363	8	-8.43e-04	1.86e-03	-3.32e-03	3.53e-05	3.56e-04	7.67e-05
1363	22	-8.56e-04	1.57e-03	-3.16e-03	3.07e-05	3.00e-04	6.59e-05
1363	31	-5.93e-04	1.34e-03	-2.45e-03	2.61e-05	2.66e-04	5.69e-05
1363	32	-6.28e-04	1.33e-03	-2.47e-03	2.57e-05	2.58e-04	5.57e-05
1363	36	-6.37e-04	1.13e-03	-2.37e-03	2.26e-05	2.20e-04	4.84e-05
1363	37	-5.47e-04	1.02e-03	-2.21e-03	2.14e-05	2.12e-04	4.61e-05
1364	7	-1.51e-03	1.71e-03	-2.37e-03	2.22e-05	2.60e-04	4.82e-05
1364	8	-1.56e-03	1.68e-03	-2.41e-03	2.16e-05	2.48e-04	4.63e-05
1364	31	-1.12e-03	1.21e-03	-1.78e-03	1.61e-05	1.86e-04	3.46e-05

1364	32	-1.16e-03	1.20e-03	-1.81e-03	1.56e-05	1.78e-04	3.33e-05
1364	37	-9.98e-04	8.98e-04	-1.65e-03	1.30e-05	1.44e-04	2.70e-05
1365	7	-2.23e-03	1.52e-03	-1.88e-03	1.25e-05	2.16e-04	2.78e-05
1365	8	-2.27e-03	1.49e-03	-1.92e-03	1.19e-05	2.02e-04	2.57e-05
1365	31	-1.65e-03	1.07e-03	-1.42e-03	8.96e-06	1.53e-04	1.96e-05
1365	32	-1.68e-03	1.05e-03	-1.45e-03	8.52e-06	1.44e-04	1.82e-05
1365	37	-1.45e-03	7.77e-04	-1.35e-03	6.90e-06	1.15e-04	1.40e-05
1366	7	-3.07e-03	1.40e-03	-1.70e-03	4.62e-06	2.36e-04	1.31e-05
1366	8	-3.12e-03	1.37e-03	-1.75e-03	3.98e-06	2.21e-04	1.08e-05
1366	22	-2.92e-03	1.11e-03	-1.75e-03	2.40e-06	1.71e-04	5.06e-06
1366	31	-2.27e-03	9.85e-04	-1.30e-03	3.18e-06	1.68e-04	8.72e-06
1366	32	-2.30e-03	9.67e-04	-1.33e-03	2.76e-06	1.58e-04	7.19e-06
1366	36	-2.16e-03	7.92e-04	-1.33e-03	1.70e-06	1.24e-04	3.37e-06
1366	37	-1.98e-03	7.03e-04	-1.25e-03	2.05e-06	1.26e-04	4.61e-06
1367	7	-4.21e-03	1.45e-03	-1.82e-03	-9.94e-06	3.53e-04	0.0
1367	8	-4.25e-03	1.42e-03	-1.87e-03	-1.05e-05	3.36e-04	-2.84e-06
1367	22	-3.95e-03	1.15e-03	-1.88e-03	-1.04e-05	2.73e-04	-7.78e-06
1367	31	-3.11e-03	1.02e-03	-1.38e-03	-7.44e-06	2.53e-04	-1.20e-06
1367	32	-3.13e-03	1.00e-03	-1.42e-03	-7.78e-06	2.42e-04	-2.88e-06
1367	36	-2.93e-03	8.25e-04	-1.43e-03	-7.77e-06	2.00e-04	-6.17e-06
1367	37	-2.69e-03	7.33e-04	-1.34e-03	-6.79e-06	1.97e-04	-4.11e-06
1368	7	-5.66e-03	2.12e-03	-2.22e-03	-5.45e-05	7.97e-04	6.11e-05
1368	8	-5.69e-03	2.10e-03	-2.28e-03	-5.49e-05	7.79e-04	5.86e-05
1368	22	-5.25e-03	1.78e-03	-2.30e-03	-5.06e-05	6.72e-04	4.81e-05
1368	31	-4.17e-03	1.52e-03	-1.69e-03	-4.01e-05	5.79e-04	4.39e-05
1368	32	-4.19e-03	1.50e-03	-1.73e-03	-4.03e-05	5.67e-04	4.22e-05
1368	36	-3.89e-03	1.29e-03	-1.74e-03	-3.74e-05	4.95e-04	3.52e-05
1368	37	-3.60e-03	1.16e-03	-1.64e-03	-3.44e-05	4.73e-04	3.44e-05
1369	7	-5.99e-03	-3.81e-03	0.03	-3.27e-04	7.10e-04	1.24e-04
1369	8	-6.01e-03	-3.69e-03	0.03	-3.27e-04	6.81e-04	1.19e-04
1369	31	-4.40e-03	-2.79e-03	0.02	-2.40e-04	5.11e-04	8.89e-05
1369	32	-4.42e-03	-2.71e-03	0.02	-2.40e-04	4.91e-04	8.56e-05
1369	37	-3.79e-03	-2.34e-03	0.02	-2.04e-04	4.01e-04	7.00e-05
1370	7	-6.82e-03	-5.72e-03	0.05	-4.66e-04	4.80e-04	8.33e-05
1370	8	-6.84e-03	-5.41e-03	0.05	-4.60e-04	4.45e-04	7.73e-05
1370	31	-5.01e-03	-4.12e-03	0.04	-3.40e-04	3.39e-04	5.89e-05
1370	32	-5.03e-03	-3.91e-03	0.03	-3.36e-04	3.16e-04	5.49e-05
1370	37	-4.31e-03	-3.25e-03	0.03	-2.83e-04	2.48e-04	4.31e-05
1371	7	-5.61e-03	-3.79e-03	0.04	-3.37e-04	4.31e-04	7.44e-05
1371	8	-5.64e-03	-3.51e-03	0.04	-3.32e-04	3.99e-04	6.89e-05
1371	31	-4.13e-03	-2.71e-03	0.03	-2.46e-04	3.05e-04	5.26e-05
1371	32	-4.15e-03	-2.53e-03	0.03	-2.42e-04	2.84e-04	4.90e-05
1371	37	-3.56e-03	-2.09e-03	0.02	-2.04e-04	2.22e-04	3.84e-05
1372	7	-5.65e-03	-1.97e-03	0.02	-2.25e-04	6.03e-04	1.01e-04
1372	8	-5.68e-03	-1.87e-03	0.02	-2.24e-04	5.76e-04	9.62e-05
1372	31	-4.16e-03	-1.44e-03	0.02	-1.65e-04	4.33e-04	7.24e-05
1372	32	-4.18e-03	-1.37e-03	0.01	-1.64e-04	4.14e-04	6.93e-05
1372	37	-3.59e-03	-1.21e-03	0.01	-1.39e-04	3.37e-04	5.63e-05
1373	7	-4.80e-03	-2.17e-03	0.03	-2.32e-04	3.84e-04	6.75e-05
1373	8	-4.84e-03	-1.92e-03	0.03	-2.28e-04	3.55e-04	6.25e-05
1373	31	-3.54e-03	-1.53e-03	0.02	-1.69e-04	2.71e-04	4.77e-05
1373	32	-3.56e-03	-1.37e-03	0.02	-1.66e-04	2.52e-04	4.44e-05
1373	37	-3.06e-03	-1.12e-03	0.02	-1.40e-04	1.98e-04	3.48e-05
1374	7	-4.88e-03	-5.25e-04	0.01	-1.44e-04	4.64e-04	8.36e-05
1374	8	-4.92e-03	-4.31e-04	0.01	-1.43e-04	4.39e-04	7.93e-05
1374	31	-3.59e-03	-3.84e-04	0.01	-1.06e-04	3.32e-04	5.98e-05
1374	32	-3.62e-03	-3.21e-04	9.56e-03	-1.05e-04	3.15e-04	5.70e-05
1374	37	-3.11e-03	-3.22e-04	7.58e-03	-8.91e-05	2.54e-04	4.60e-05
1375	7	-4.16e-03	-1.10e-03	0.02	-1.49e-04	3.41e-04	6.01e-05
1375	8	-4.20e-03	-8.82e-04	0.02	-1.46e-04	3.16e-04	5.56e-05
1375	31	-3.07e-03	-7.60e-04	0.02	-1.09e-04	2.41e-04	4.25e-05
1375	32	-3.10e-03	-6.14e-04	0.01	-1.07e-04	2.24e-04	3.95e-05
1375	37	-2.66e-03	-4.93e-04	0.01	-8.94e-05	1.75e-04	3.09e-05
1376	7	-4.20e-03	1.74e-04	0.01	-7.94e-05	3.62e-04	6.47e-05
1376	8	-4.24e-03	2.58e-04	9.43e-03	-7.90e-05	3.40e-04	6.08e-05
1376	22	-3.93e-03	3.21e-04	7.04e-03	-7.10e-05	2.63e-04	4.74e-05
1376	31	-3.09e-03	1.26e-04	7.15e-03	-5.81e-05	2.37e-04	4.61e-05
1376	32	-3.12e-03	1.82e-04	6.68e-03	-5.78e-05	2.43e-04	4.35e-05
1376	36	-2.92e-03	2.24e-04	5.08e-03	-5.25e-05	1.92e-04	3.45e-05
1376	37	-2.68e-03	1.01e-04	5.16e-03	-4.90e-05	1.93e-04	3.47e-05
1377	7	-3.58e-03	-4.36e-04	0.02	-8.73e-05	3.22e-04	5.21e-05
1377	8	-3.63e-03	-2.35e-04	0.02	-8.54e-05	2.79e-04	4.80e-05
1377	31	-2.64e-03	-2.79e-04	0.01	-6.34e-05	2.13e-04	3.67e-05
1377	32	-2.67e-03	-1.45e-04	0.01	-6.21e-05	1.98e-04	3.41e-05
1377	37	-2.30e-03	-1.04e-04	9.02e-03	-5.19e-05	1.54e-04	2.66e-05
1378	7	-3.58e-03	5.60e-04	7.84e-03	-4.00e-05	2.97e-04	5.02e-05
1378	8	-3.62e-03	6.36e-04	7.17e-03	-3.99e-05	2.76e-04	4.67e-05

1378	22	-3.37e-03	6.50e-04	5.08e-03	-3.60e-05	2.09e-04	3.52e-05
1378	31	-2.64e-03	4.06e-04	5.48e-03	-2.93e-05	2.10e-04	3.56e-05
1378	32	-2.67e-03	4.57e-04	5.03e-03	-2.92e-05	1.97e-04	3.32e-05
1378	36	-2.50e-03	4.66e-04	3.64e-03	-2.67e-05	1.52e-04	2.55e-05
1378	37	-2.29e-03	3.31e-04	3.79e-03	-2.48e-05	1.55e-04	2.61e-05
1379	7	-3.06e-03	-3.84e-05	0.02	-3.98e-05	2.74e-04	4.75e-05
1379	8	-3.10e-03	1.47e-04	0.01	-3.85e-05	2.52e-04	4.37e-05
1379	23	-1.99e-03	5.21e-04	4.27e-03	-1.93e-05	8.39e-05	1.45e-05
1379	31	-2.26e-03	8.08e-06	0.01	-2.88e-05	1.93e-04	3.35e-05
1379	32	-2.29e-03	1.32e-04	0.01	-2.79e-05	1.79e-04	3.10e-05
1379	35	-2.03e-03	3.71e-04	5.88e-03	-2.14e-05	1.10e-04	1.91e-05
1379	37	-1.97e-03	1.24e-04	7.65e-03	-2.31e-05	1.39e-04	2.41e-05
1380	7	-3.06e-03	7.80e-04	6.54e-03	-1.44e-05	2.59e-04	4.24e-05
1380	8	-3.10e-03	8.50e-04	5.91e-03	-1.45e-05	2.40e-04	3.92e-05
1380	31	-2.26e-03	5.66e-04	4.54e-03	-1.06e-05	1.83e-04	2.99e-05
1380	32	-2.29e-03	6.12e-04	4.12e-03	-1.07e-05	1.70e-04	2.78e-05
1380	37	-1.97e-03	4.60e-04	3.03e-03	-9.15e-06	1.33e-04	2.17e-05
1381	7	-2.59e-03	1.76e-04	0.01	0.0	2.61e-04	4.52e-05
1381	8	-2.64e-03	3.49e-04	0.01	0.0	2.41e-04	4.17e-05
1381	21	-2.32e-03	6.40e-04	7.37e-03	2.94e-06	1.44e-04	2.49e-05
1381	31	-1.92e-03	1.61e-04	0.01	0.0	1.84e-04	3.19e-05
1381	32	-1.95e-03	2.76e-04	9.30e-03	0.0	1.71e-04	2.96e-05
1381	35	-1.74e-03	4.70e-04	5.40e-03	2.24e-06	1.06e-04	1.84e-05
1381	37	-1.68e-03	2.40e-04	7.07e-03	1.08e-06	1.33e-04	2.30e-05
1382	7	-2.60e-03	9.20e-04	5.93e-03	5.34e-06	2.43e-04	4.21e-05
1382	8	-2.64e-03	9.84e-04	5.33e-03	5.09e-06	2.24e-04	3.89e-05
1382	31	-1.92e-03	6.66e-04	4.11e-03	3.82e-06	1.71e-04	2.97e-05
1382	32	-1.95e-03	7.09e-04	3.71e-03	3.66e-06	1.59e-04	2.76e-05
1382	37	-1.68e-03	5.40e-04	2.70e-03	2.96e-06	1.24e-04	2.16e-05
1383	7	-2.18e-03	2.52e-04	0.01	3.63e-05	2.64e-04	4.57e-05
1383	8	-2.22e-03	4.14e-04	0.01	3.69e-05	2.45e-04	4.24e-05
1383	21	-1.97e-03	6.63e-04	7.60e-03	3.25e-05	1.50e-04	2.60e-05
1383	31	-1.61e-03	2.13e-04	0.01	2.68e-05	1.87e-04	3.23e-05
1383	32	-1.64e-03	3.21e-04	9.38e-03	2.73e-05	1.74e-04	3.01e-05
1383	35	-1.48e-03	4.87e-04	5.57e-03	2.43e-05	1.11e-04	1.92e-05
1383	37	-1.41e-03	2.71e-04	7.16e-03	2.35e-05	1.36e-04	2.36e-05
1384	7	-2.20e-03	1.00e-03	5.86e-03	2.30e-05	2.44e-04	4.35e-05
1384	8	-2.24e-03	1.06e-03	5.29e-03	2.26e-05	2.27e-04	4.06e-05
1384	31	-1.63e-03	7.27e-04	4.06e-03	1.67e-05	1.73e-04	3.09e-05
1384	32	-1.66e-03	7.66e-04	3.68e-03	1.65e-05	1.61e-04	2.89e-05
1384	37	-1.43e-03	5.86e-04	2.69e-03	1.39e-05	1.27e-04	2.28e-05
1385	7	-1.79e-03	2.15e-04	0.02	7.25e-05	2.83e-04	4.90e-05
1385	8	-1.84e-03	3.66e-04	0.01	7.30e-05	2.65e-04	4.58e-05
1385	21	-1.65e-03	5.94e-04	8.67e-03	6.23e-05	1.69e-04	2.94e-05
1385	31	-1.33e-03	1.82e-04	0.01	5.34e-05	2.01e-04	3.48e-05
1385	32	-1.36e-03	2.83e-04	0.01	5.37e-05	1.89e-04	3.27e-05
1385	35	-1.24e-03	4.34e-04	6.38e-03	4.66e-05	1.25e-04	2.17e-05
1385	37	-1.17e-03	2.33e-04	7.90e-03	4.60e-05	1.49e-04	2.59e-05
1386	7	-1.82e-03	1.04e-03	6.27e-03	4.06e-05	2.63e-04	4.54e-05
1386	8	-1.87e-03	1.10e-03	5.72e-03	4.02e-05	2.47e-04	4.25e-05
1386	31	-1.35e-03	7.53e-04	4.37e-03	2.96e-05	1.87e-04	3.22e-05
1386	32	-1.38e-03	7.90e-04	4.00e-03	2.94e-05	1.76e-04	3.03e-05
1386	37	-1.19e-03	6.03e-04	2.98e-03	2.48e-05	1.40e-04	2.40e-05
1387	7	-1.43e-03	8.00e-05	0.02	1.10e-04	3.18e-04	5.51e-05
1387	8	-1.47e-03	2.20e-04	0.02	1.11e-04	3.01e-04	5.21e-05
1387	21	-1.35e-03	4.41e-04	0.01	9.37e-05	2.02e-04	3.50e-05
1387	31	-1.06e-03	7.90e-05	0.01	8.11e-05	2.27e-04	3.94e-05
1387	32	-1.09e-03	1.73e-04	0.01	8.14e-05	2.16e-04	3.74e-05
1387	35	-1.01e-03	3.20e-04	7.81e-03	7.00e-05	1.50e-04	2.60e-05
1387	37	-9.43e-04	1.33e-04	9.27e-03	6.95e-05	1.73e-04	3.00e-05
1388	7	-1.48e-03	1.05e-03	7.14e-03	5.95e-05	2.98e-04	5.63e-05
1388	8	-1.53e-03	1.10e-03	6.61e-03	5.91e-05	2.82e-04	5.36e-05
1388	31	-1.10e-03	7.54e-04	5.02e-03	4.35e-05	2.13e-04	4.03e-05
1388	32	-1.13e-03	7.87e-04	4.66e-03	4.33e-05	2.02e-04	3.86e-05
1388	37	-9.75e-04	5.99e-04	3.56e-03	3.66e-05	1.62e-04	3.12e-05
1389	7	-1.05e-03	-1.45e-04	0.02	1.51e-04	3.71e-04	6.42e-05
1389	8	-1.10e-03	-1.56e-05	0.02	1.51e-04	3.54e-04	6.13e-05
1389	23	-7.87e-04	2.49e-04	8.42e-03	9.17e-05	1.60e-04	2.78e-05
1389	31	-7.82e-04	-8.97e-05	0.01	1.11e-04	2.66e-04	4.60e-05
1389	32	-8.15e-04	-3.75e-06	0.01	1.11e-04	2.55e-04	4.41e-05
1389	35	-7.71e-04	1.48e-04	9.90e-03	9.51e-05	1.85e-04	3.20e-05
1389	37	-7.06e-04	-2.37e-05	0.01	9.46e-05	2.07e-04	3.58e-05
1390	7	-1.10e-03	1.00e-03	8.49e-03	8.05e-05	3.52e-04	6.04e-05
1390	8	-1.15e-03	1.05e-03	7.98e-03	8.01e-05	3.37e-04	5.78e-05
1390	31	-8.23e-04	7.21e-04	6.01e-03	5.89e-05	2.53e-04	4.34e-05
1390	32	-8.55e-04	7.51e-04	5.67e-03	5.86e-05	2.43e-04	4.16e-05
1390	37	-7.41e-04	5.66e-04	4.43e-03	4.96e-05	1.97e-04	3.38e-05

1391	7	-6.31e-04	-4.44e-04	0.03	1.94e-04	4.40e-04	7.43e-05
1391	22	-7.09e-04	-1.39e-04	0.02	1.77e-04	3.53e-04	5.94e-05
1391	31	-4.76e-04	-3.13e-04	0.02	1.42e-04	3.17e-04	5.35e-05
1391	36	-5.28e-04	-1.10e-04	0.01	1.31e-04	2.59e-04	4.36e-05
1391	37	-4.46e-04	-2.28e-04	0.01	1.21e-04	2.51e-04	4.23e-05
1392	7	-7.32e-04	9.38e-04	0.01	1.04e-04	4.22e-04	7.96e-05
1392	8	-7.84e-04	9.79e-04	9.87e-03	1.04e-04	4.08e-04	7.71e-05
1392	22	-8.00e-04	8.94e-04	7.90e-03	9.34e-05	3.41e-04	6.50e-05
1392	31	-5.50e-04	6.72e-04	7.39e-03	7.63e-05	3.04e-04	5.75e-05
1392	32	-5.84e-04	7.00e-04	7.07e-03	7.60e-05	2.95e-04	5.58e-05
1392	36	-5.95e-04	6.43e-04	5.75e-03	6.90e-05	2.50e-04	4.78e-05
1392	37	-5.09e-04	5.21e-04	5.63e-03	6.43e-05	2.42e-04	4.60e-05
1393	7	-1.39e-04	-7.96e-04	0.03	2.37e-04	5.22e-04	9.26e-05
1393	21	-2.91e-04	-4.22e-04	0.02	1.97e-04	3.81e-04	6.77e-05
1393	31	-1.16e-04	-5.76e-04	0.02	1.73e-04	3.77e-04	6.69e-05
1393	35	-2.17e-04	-3.27e-04	0.02	1.47e-04	2.83e-04	5.04e-05
1393	37	-1.42e-04	-4.65e-04	0.02	1.47e-04	3.03e-04	5.39e-05
1394	7	-2.39e-04	8.45e-04	0.01	1.30e-04	5.14e-04	9.06e-05
1394	8	-2.96e-04	8.83e-04	0.01	1.30e-04	5.00e-04	8.82e-05
1394	21	-3.77e-04	7.09e-04	8.83e-03	1.06e-04	3.77e-04	6.68e-05
1394	31	-1.90e-04	6.03e-04	9.20e-03	9.52e-05	3.72e-04	6.56e-05
1394	32	-2.27e-04	6.29e-04	8.88e-03	9.48e-05	3.62e-04	6.40e-05
1394	35	-2.81e-04	5.13e-04	6.54e-03	7.91e-05	2.81e-04	4.97e-05
1394	37	-2.06e-04	4.62e-04	7.18e-03	7.99e-05	2.99e-04	5.29e-05
1395	7	4.34e-04	-1.16e-03	0.04	2.74e-04	6.15e-04	1.07e-04
1395	31	3.03e-04	-8.46e-04	0.03	2.00e-04	4.46e-04	7.73e-05
1395	37	2.08e-04	-7.04e-04	0.02	1.68e-04	3.62e-04	6.27e-05
1396	7	2.79e-04	8.13e-04	0.02	1.56e-04	6.22e-04	1.20e-04
1396	8	2.17e-04	8.49e-04	0.02	1.55e-04	6.08e-04	1.18e-04
1396	31	1.90e-04	5.81e-04	0.01	1.14e-04	4.51e-04	8.71e-05
1396	32	1.48e-04	6.05e-04	0.01	1.13e-04	4.42e-04	8.55e-05
1396	37	1.12e-04	4.45e-04	9.08e-03	9.44e-05	3.67e-04	7.11e-05
1397	7	1.11e-03	-1.45e-03	0.04	2.95e-04	7.09e-04	1.23e-04
1397	31	7.96e-04	-1.06e-03	0.03	2.14e-04	5.15e-04	8.92e-05
1397	37	6.13e-04	-8.89e-04	0.03	1.76e-04	4.20e-04	7.28e-05
1398	7	7.90e-04	8.82e-04	0.02	1.73e-04	7.56e-04	1.27e-04
1398	8	7.18e-04	9.23e-04	0.02	1.70e-04	7.42e-04	1.25e-04
1398	31	5.61e-04	6.37e-04	0.01	1.25e-04	5.49e-04	9.25e-05
1398	32	5.13e-04	6.63e-04	0.01	1.23e-04	5.40e-04	9.10e-05
1398	37	4.17e-04	5.07e-04	0.01	1.01e-04	4.50e-04	7.57e-05
1399	7	2.04e-03	-1.43e-03	0.05	2.81e-04	7.93e-04	1.37e-04
1399	31	1.47e-03	-1.03e-03	0.04	2.01e-04	5.76e-04	9.96e-05
1399	37	1.16e-03	-8.44e-04	0.03	1.58e-04	4.72e-04	8.16e-05
1400	7	2.89e-04	2.53e-03	0.02	1.57e-04	9.12e-04	1.55e-04
1400	8	2.03e-04	2.58e-03	0.02	1.51e-04	8.98e-04	1.53e-04
1400	31	1.89e-04	1.86e-03	0.02	1.11e-04	6.63e-04	1.13e-04
1400	32	1.31e-04	1.89e-03	0.02	1.08e-04	6.54e-04	1.11e-04
1400	37	8.54e-05	1.57e-03	0.01	8.23e-05	5.45e-04	9.28e-05
1401	7	-6.58e-04	2.88e-03	-1.14e-03	-3.96e-05	-1.64e-06	-8.31e-06
1401	8	-6.64e-04	2.98e-03	-1.14e-03	-4.08e-05	-1.69e-06	-8.62e-06
1401	31	-4.87e-04	2.12e-03	-8.49e-04	-2.92e-05	-1.21e-06	-6.16e-06
1401	32	-4.91e-04	2.19e-03	-8.46e-04	-3.00e-05	-1.24e-06	-6.37e-06
1401	37	-4.28e-04	1.82e-03	-7.63e-04	-2.52e-05	-1.04e-06	-5.46e-06
1402	7	-1.17e-03	6.73e-03	-1.63e-03	-4.91e-05	-2.03e-06	-2.37e-05
1402	8	-1.18e-03	6.93e-03	-1.62e-03	-5.00e-05	-2.07e-06	-2.44e-05
1402	31	-8.65e-04	4.96e-03	-1.21e-03	-3.63e-05	-1.50e-06	-1.77e-05
1402	32	-8.72e-04	5.09e-03	-1.21e-03	-3.69e-05	-1.53e-06	-1.81e-05
1402	37	-7.55e-04	4.30e-03	-1.09e-03	-3.18e-05	-1.32e-06	-1.58e-05
1403	7	-2.41e-04	3.76e-04	-4.76e-04	-1.74e-05	0.0	0.0
1403	8	-2.42e-04	3.90e-04	-4.75e-04	-1.80e-05	0.0	0.0
1403	31	-1.79e-04	2.76e-04	-3.55e-04	-1.28e-05	0.0	0.0
1403	32	-1.80e-04	2.86e-04	-3.55e-04	-1.32e-05	0.0	0.0
1403	37	-1.60e-04	2.36e-04	-3.20e-04	-1.09e-05	0.0	0.0
1404	7	-9.43e-03	0.04	-0.14	-2.96e-03	1.58e-03	1.31e-04
1404	8	-9.45e-03	0.04	-0.14	-2.93e-03	1.62e-03	1.37e-04
1404	31	-6.94e-03	0.03	-0.10	-2.16e-03	1.17e-03	9.78e-05
1404	32	-6.95e-03	0.03	-0.10	-2.15e-03	1.20e-03	1.01e-04
1404	37	-5.97e-03	0.03	-0.09	-1.82e-03	1.05e-03	8.88e-05
1405	7	-7.17e-03	0.06	-0.28	-3.18e-03	1.56e-03	1.47e-04
1405	8	-7.20e-03	0.06	-0.28	-3.17e-03	1.60e-03	1.52e-04
1405	31	-5.28e-03	0.04	-0.20	-2.33e-03	1.16e-03	1.09e-04
1405	32	-5.30e-03	0.04	-0.20	-2.32e-03	1.18e-03	1.12e-04
1405	37	-4.55e-03	0.04	-0.17	-1.98e-03	1.02e-03	9.76e-05
1406	7	-8.26e-03	0.08	-0.44	-3.37e-03	1.92e-03	2.45e-04
1406	8	-8.28e-03	0.08	-0.43	-3.37e-03	1.90e-03	2.43e-04
1406	31	-6.07e-03	0.06	-0.32	-2.48e-03	1.40e-03	1.79e-04
1406	32	-6.09e-03	0.06	-0.32	-2.48e-03	1.39e-03	1.77e-04

1406	37	-5.22e-03	0.05	-0.27	-2.11e-03	1.17e-03	1.50e-04
1407	7	1.83e-03	-0.03	0.26	-2.32e-03	2.08e-03	2.46e-04
1407	31	1.30e-03	-0.02	0.19	-1.70e-03	1.53e-03	1.80e-04
1407	37	9.82e-04	-0.02	0.15	-1.43e-03	1.29e-03	1.52e-04
1408	7	-0.01	0.08	-0.48	-3.06e-03	1.99e-03	2.43e-04
1408	31	-8.30e-03	0.06	-0.35	-2.25e-03	1.45e-03	1.77e-04
1408	37	-7.10e-03	0.05	-0.30	-1.92e-03	1.21e-03	1.48e-04
1409	8	-0.01	0.07	-0.38	-2.96e-03	1.99e-03	2.46e-04
1409	32	-8.40e-03	0.05	-0.28	-2.17e-03	1.45e-03	1.80e-04
1409	37	-7.19e-03	0.04	-0.24	-1.85e-03	1.22e-03	1.52e-04
1410	8	-0.01	0.05	-0.28	-2.78e-03	2.07e-03	2.47e-04
1410	32	-8.24e-03	0.04	-0.20	-2.04e-03	1.52e-03	1.81e-04
1410	37	-7.04e-03	0.03	-0.18	-1.74e-03	1.28e-03	1.53e-04
1411	8	-0.01	0.03	-0.17	-2.58e-03	2.18e-03	2.64e-04
1411	32	-7.81e-03	0.02	-0.13	-1.89e-03	1.60e-03	1.93e-04
1411	37	-6.68e-03	0.02	-0.11	-1.61e-03	1.36e-03	1.64e-04
1412	8	-0.01	0.02	-0.10	-2.41e-03	2.26e-03	2.56e-04
1412	32	-7.53e-03	0.02	-0.07	-1.77e-03	1.65e-03	1.88e-04
1412	37	-6.44e-03	0.01	-0.06	-1.50e-03	1.41e-03	1.60e-04
1413	8	-9.68e-03	7.67e-03	-0.02	-2.15e-03	2.29e-03	3.10e-04
1413	21	-8.17e-03	7.64e-03	-0.02	-1.76e-03	1.90e-03	2.58e-04
1413	22	-8.85e-03	7.86e-03	-0.02	-1.93e-03	2.07e-03	2.80e-04
1413	32	-7.11e-03	5.74e-03	-0.01	-1.57e-03	1.68e-03	2.27e-04
1413	35	-6.11e-03	5.72e-03	-0.02	-1.31e-03	1.42e-03	1.92e-04
1413	36	-6.56e-03	5.87e-03	-0.02	-1.42e-03	1.53e-03	2.08e-04
1413	37	-6.08e-03	5.09e-03	-0.01	-1.33e-03	1.43e-03	1.94e-04
1414	7	-5.57e-03	-0.01	0.12	-2.16e-03	2.14e-03	2.65e-04
1414	8	-5.62e-03	-0.01	0.12	-2.14e-03	2.13e-03	2.64e-04
1414	31	-4.11e-03	-8.88e-03	0.09	-1.58e-03	1.57e-03	1.94e-04
1414	32	-4.14e-03	-8.48e-03	0.09	-1.57e-03	1.56e-03	1.93e-04
1414	37	-3.56e-03	-6.99e-03	0.07	-1.32e-03	1.33e-03	1.64e-04
1415	7	-1.93e-03	-0.02	0.19	-2.30e-03	2.10e-03	2.49e-04
1415	8	-2.00e-03	-0.02	0.19	-2.28e-03	2.09e-03	2.48e-04
1415	31	-1.45e-03	-0.01	0.14	-1.68e-03	1.54e-03	1.83e-04
1415	32	-1.50e-03	-0.01	0.14	-1.67e-03	1.53e-03	1.82e-04
1415	37	-1.33e-03	-0.01	0.11	-1.41e-03	1.30e-03	1.55e-04
1416	7	1.37e-03	-0.02	0.19	-2.35e-03	2.07e-03	2.44e-04
1416	31	9.66e-04	-0.01	0.14	-1.72e-03	1.51e-03	1.79e-04
1416	37	6.97e-04	-9.39e-03	0.11	-1.45e-03	1.28e-03	1.51e-04
1417	7	8.88e-04	-5.13e-03	0.13	-2.43e-03	2.02e-03	2.40e-04
1417	31	6.14e-04	-3.60e-03	0.09	-1.78e-03	1.48e-03	1.76e-04
1417	37	4.02e-04	-2.51e-03	0.07	-1.50e-03	1.24e-03	1.48e-04
1418	7	3.07e-04	5.84e-03	0.06	-2.53e-03	1.96e-03	2.32e-04
1418	22	1.21e-05	6.57e-03	0.05	-2.27e-03	1.72e-03	2.04e-04
1418	31	1.90e-04	4.43e-03	0.04	-1.85e-03	1.43e-03	1.69e-04
1418	36	-6.99e-06	4.91e-03	0.03	-1.68e-03	1.27e-03	1.50e-04
1418	37	4.65e-05	4.23e-03	0.03	-1.57e-03	1.20e-03	1.42e-04
1419	8	-4.82e-04	0.02	-2.17e-03	-2.64e-03	1.86e-03	2.24e-04
1419	21	-6.52e-04	0.01	-0.01	-2.19e-03	1.49e-03	1.80e-04
1419	23	-5.63e-04	0.01	-0.01	-1.56e-03	1.05e-03	1.26e-04
1419	32	-3.81e-04	0.01	-2.57e-03	-1.94e-03	1.36e-03	1.64e-04
1419	35	-4.95e-04	0.01	-7.87e-03	-1.63e-03	1.11e-03	1.34e-04
1419	37	-3.85e-04	0.01	-4.42e-03	-1.65e-03	1.15e-03	1.38e-04
1420	8	-1.31e-03	0.03	-0.06	-2.78e-03	1.79e-03	2.14e-04
1420	22	-1.35e-03	0.02	-0.06	-2.51e-03	1.57e-03	1.88e-04
1420	32	-9.83e-04	0.02	-0.05	-2.04e-03	1.31e-03	1.56e-04
1420	36	-1.01e-03	0.02	-0.04	-1.86e-03	1.16e-03	1.39e-04
1420	37	-8.93e-04	0.02	-0.04	-1.73e-03	1.10e-03	1.32e-04
1421	8	-2.24e-03	0.04	-0.12	-2.92e-03	1.72e-03	2.09e-04
1421	32	-1.67e-03	0.03	-0.09	-2.14e-03	1.26e-03	1.53e-04
1421	37	-1.47e-03	0.02	-0.08	-1.83e-03	1.05e-03	1.28e-04
1422	7	-3.22e-03	0.05	-0.17	-3.08e-03	1.70e-03	2.06e-04
1422	8	-3.28e-03	0.05	-0.17	-3.08e-03	1.67e-03	2.03e-04
1422	31	-2.38e-03	0.03	-0.13	-2.26e-03	1.24e-03	1.50e-04
1422	32	-2.42e-03	0.03	-0.13	-2.26e-03	1.22e-03	1.48e-04
1422	37	-2.11e-03	0.03	-0.11	-1.93e-03	1.02e-03	1.24e-04
1423	7	-4.60e-03	0.05	-0.23	-3.26e-03	1.66e-03	1.98e-04
1423	8	-4.65e-03	0.05	-0.22	-3.26e-03	1.64e-03	1.95e-04
1423	31	-3.40e-03	0.04	-0.17	-2.39e-03	1.21e-03	1.44e-04
1423	32	-3.43e-03	0.04	-0.16	-2.39e-03	1.20e-03	1.42e-04
1423	37	-2.96e-03	0.03	-0.14	-2.04e-03	1.01e-03	1.19e-04
1424	7	-6.55e-03	0.07	-0.36	-3.44e-03	1.71e-03	2.19e-04
1424	8	-6.59e-03	0.07	-0.36	-3.44e-03	1.70e-03	2.17e-04
1424	31	-4.83e-03	0.05	-0.26	-2.53e-03	1.25e-03	1.60e-04
1424	32	-4.85e-03	0.05	-0.26	-2.52e-03	1.24e-03	1.59e-04
1424	37	-4.17e-03	0.04	-0.22	-2.15e-03	1.05e-03	1.34e-04
1425	7	-0.01	0.09	-0.51	-3.09e-03	2.17e-03	1.36e-04

1425	8	-0.01	0.09	-0.51	-3.09e-03	2.15e-03	1.32e-04
1425	31	-7.43e-03	0.06	-0.37	-2.27e-03	1.58e-03	9.83e-05
1425	32	-7.43e-03	0.06	-0.37	-2.27e-03	1.57e-03	9.60e-05
1425	37	-6.36e-03	0.05	-0.32	-1.94e-03	1.33e-03	7.97e-05
1426	7	-0.01	0.09	-0.53	-2.90e-03	2.07e-03	7.65e-05
1426	31	-8.04e-03	0.06	-0.39	-2.13e-03	1.51e-03	5.52e-05
1426	37	-6.88e-03	0.06	-0.33	-1.82e-03	1.26e-03	4.43e-05
1427	7	-0.01	0.07	-0.43	-3.03e-03	1.99e-03	2.39e-04
1427	8	-0.01	0.07	-0.43	-3.02e-03	1.96e-03	2.36e-04
1427	31	-8.38e-03	0.05	-0.31	-2.22e-03	1.45e-03	1.75e-04
1427	32	-8.39e-03	0.05	-0.31	-2.22e-03	1.43e-03	1.73e-04
1427	37	-7.17e-03	0.05	-0.27	-1.89e-03	1.21e-03	1.46e-04
1428	8	-0.01	0.06	-0.33	-2.87e-03	2.03e-03	2.32e-04
1428	32	-8.36e-03	0.04	-0.24	-2.11e-03	1.48e-03	1.70e-04
1428	37	-7.14e-03	0.04	-0.21	-1.80e-03	1.25e-03	1.43e-04
1429	8	-0.01	0.04	-0.22	-2.69e-03	2.13e-03	2.54e-04
1429	32	-8.05e-03	0.03	-0.17	-1.97e-03	1.56e-03	1.86e-04
1429	37	-6.89e-03	0.03	-0.14	-1.68e-03	1.32e-03	1.57e-04
1430	7	-7.77e-03	0.07	-0.38	-3.29e-03	1.88e-03	2.26e-04
1430	8	-7.80e-03	0.07	-0.38	-3.29e-03	1.85e-03	2.23e-04
1430	31	-5.72e-03	0.05	-0.28	-2.41e-03	1.37e-03	1.65e-04
1430	32	-5.74e-03	0.05	-0.28	-2.41e-03	1.35e-03	1.63e-04
1430	37	-4.92e-03	0.04	-0.24	-2.06e-03	1.14e-03	1.37e-04
1431	8	-3.54e-03	0.02	-0.02	-2.55e-03	2.00e-03	2.40e-04
1431	21	-3.16e-03	0.01	-0.03	-2.11e-03	1.62e-03	1.95e-04
1431	32	-2.62e-03	0.01	-0.02	-1.87e-03	1.46e-03	1.75e-04
1431	35	-2.37e-03	0.01	-0.02	-1.57e-03	1.21e-03	1.45e-04
1431	37	-2.28e-03	0.01	-0.02	-1.59e-03	1.24e-03	1.49e-04
1432	7	-2.78e-03	3.55e-03	0.05	-2.44e-03	2.07e-03	2.49e-04
1432	8	-2.85e-03	4.04e-03	0.05	-2.42e-03	2.05e-03	2.47e-04
1432	21	-2.60e-03	4.67e-03	0.03	-2.00e-03	1.68e-03	2.03e-04
1432	31	-2.07e-03	2.76e-03	0.04	-1.78e-03	1.51e-03	1.82e-04
1432	32	-2.12e-03	3.09e-03	0.03	-1.78e-03	1.50e-03	1.81e-04
1432	35	-1.95e-03	3.51e-03	0.02	-1.49e-03	1.25e-03	1.51e-04
1432	37	-1.86e-03	2.85e-03	0.03	-1.51e-03	1.28e-03	1.54e-04
1433	7	-9.60e-03	0.07	-0.41	-3.09e-03	1.96e-03	2.36e-04
1433	8	-9.61e-03	0.07	-0.41	-3.09e-03	1.94e-03	2.34e-04
1433	31	-7.06e-03	0.05	-0.30	-2.27e-03	1.43e-03	1.73e-04
1433	32	-7.07e-03	0.05	-0.30	-2.27e-03	1.41e-03	1.71e-04
1433	37	-6.05e-03	0.05	-0.26	-1.93e-03	1.19e-03	1.44e-04
1434	8	-4.14e-03	0.03	-0.08	-2.66e-03	1.94e-03	2.28e-04
1434	32	-3.06e-03	0.02	-0.06	-1.95e-03	1.42e-03	1.67e-04
1434	37	-2.65e-03	0.02	-0.05	-1.66e-03	1.20e-03	1.41e-04
1435	8	-6.49e-03	0.01	-0.02	-2.41e-03	2.17e-03	2.51e-04
1435	21	-5.57e-03	0.01	-0.03	-1.99e-03	1.78e-03	2.06e-04
1435	32	-4.78e-03	9.09e-03	-0.02	-1.77e-03	1.59e-03	1.84e-04
1435	35	-4.17e-03	8.55e-03	-0.02	-1.48e-03	1.33e-03	1.54e-04
1435	37	-4.11e-03	7.94e-03	-0.02	-1.50e-03	1.35e-03	1.56e-04
1436	8	-7.52e-03	0.03	-0.15	-2.67e-03	2.06e-03	2.42e-04
1436	32	-5.53e-03	0.02	-0.11	-1.96e-03	1.50e-03	1.77e-04
1436	37	-4.75e-03	0.02	-0.10	-1.67e-03	1.27e-03	1.50e-04
1437	7	-8.94e-03	0.07	-0.35	-3.04e-03	1.94e-03	2.32e-04
1437	8	-8.96e-03	0.07	-0.35	-3.03e-03	1.91e-03	2.29e-04
1437	31	-6.58e-03	0.05	-0.26	-2.23e-03	1.42e-03	1.69e-04
1437	32	-6.59e-03	0.05	-0.26	-2.23e-03	1.40e-03	1.67e-04
1437	37	-5.64e-03	0.04	-0.22	-1.90e-03	1.18e-03	1.41e-04
1438	8	-8.89e-03	0.06	-0.31	-2.95e-03	1.94e-03	2.34e-04
1438	32	-6.53e-03	0.04	-0.23	-2.17e-03	1.41e-03	1.71e-04
1438	37	-5.60e-03	0.04	-0.20	-1.85e-03	1.19e-03	1.44e-04
1439	8	-8.62e-03	0.05	-0.27	-2.87e-03	1.97e-03	2.27e-04
1439	32	-6.34e-03	0.04	-0.20	-2.11e-03	1.44e-03	1.66e-04
1439	37	-5.44e-03	0.03	-0.17	-1.80e-03	1.21e-03	1.40e-04
1440	8	-7.90e-03	0.04	-0.21	-2.78e-03	2.00e-03	2.31e-04
1440	32	-5.81e-03	0.03	-0.15	-2.04e-03	1.46e-03	1.69e-04
1440	37	-4.99e-03	0.03	-0.13	-1.74e-03	1.23e-03	1.43e-04
1441	8	-6.05e-03	0.05	-0.22	-2.93e-03	1.84e-03	2.20e-04
1441	32	-4.45e-03	0.04	-0.16	-2.15e-03	1.34e-03	1.61e-04
1441	37	-3.84e-03	0.03	-0.14	-1.83e-03	1.13e-03	1.35e-04
1442	8	-4.80e-03	0.04	-0.14	-2.79e-03	1.87e-03	2.30e-04
1442	32	-3.54e-03	0.03	-0.10	-2.05e-03	1.37e-03	1.68e-04
1442	37	-3.06e-03	0.02	-0.09	-1.74e-03	1.15e-03	1.42e-04
1443	7	-6.46e-03	0.06	-0.28	-3.10e-03	1.82e-03	2.12e-04
1443	8	-6.49e-03	0.06	-0.28	-3.10e-03	1.79e-03	2.08e-04
1443	31	-4.76e-03	0.04	-0.21	-2.28e-03	1.32e-03	1.54e-04
1443	32	-4.78e-03	0.04	-0.21	-2.28e-03	1.31e-03	1.52e-04
1443	37	-4.11e-03	0.04	-0.18	-1.94e-03	1.10e-03	1.28e-04
1444	7	-9.86e-03	0.08	-0.46	-3.13e-03	2.00e-03	2.39e-04

1444	8	-9.87e-03	0.08	-0.46	-3.14e-03	1.98e-03	2.36e-04
1444	31	-7.24e-03	0.06	-0.34	-2.30e-03	1.46e-03	1.74e-04
1444	32	-7.25e-03	0.06	-0.34	-2.30e-03	1.45e-03	1.73e-04
1444	37	-6.20e-03	0.05	-0.29	-1.97e-03	1.22e-03	1.46e-04
1445	7	-2.33e-03	-8.26e-03	0.12	-2.34e-03	2.10e-03	2.56e-04
1445	8	-2.40e-03	-7.68e-03	0.12	-2.33e-03	2.09e-03	2.54e-04
1445	31	-1.74e-03	-5.88e-03	0.09	-1.71e-03	1.54e-03	1.87e-04
1445	32	-1.78e-03	-5.49e-03	0.09	-1.70e-03	1.53e-03	1.87e-04
1445	37	-1.57e-03	-4.43e-03	0.07	-1.44e-03	1.30e-03	1.59e-04
1446	7	-5.96e-03	-4.98e-04	0.05	-2.27e-03	2.20e-03	2.53e-04
1446	8	-6.01e-03	2.93e-05	0.05	-2.25e-03	2.19e-03	2.52e-04
1446	23	-3.77e-03	1.53e-03	0.02	-1.31e-03	1.29e-03	1.48e-04
1446	31	-4.40e-03	-2.04e-04	0.04	-1.66e-03	1.62e-03	1.85e-04
1446	32	-4.43e-03	1.48e-04	0.04	-1.65e-03	1.61e-03	1.84e-04
1446	35	-3.87e-03	1.05e-03	0.02	-1.38e-03	1.35e-03	1.55e-04
1446	37	-3.81e-03	3.48e-04	0.03	-1.40e-03	1.37e-03	1.57e-04
1447	8	-7.05e-03	0.02	-0.10	-2.56e-03	2.11e-03	2.59e-04
1447	32	-5.19e-03	0.02	-0.07	-1.88e-03	1.54e-03	1.90e-04
1447	37	-4.46e-03	0.02	-0.06	-1.59e-03	1.31e-03	1.61e-04
1448	7	-6.11e-03	0.06	-0.30	-3.29e-03	1.74e-03	1.85e-04
1448	8	-6.15e-03	0.06	-0.30	-3.29e-03	1.71e-03	1.83e-04
1448	31	-4.51e-03	0.05	-0.22	-2.42e-03	1.27e-03	1.35e-04
1448	32	-4.53e-03	0.05	-0.22	-2.42e-03	1.25e-03	1.33e-04
1448	37	-3.90e-03	0.04	-0.19	-2.06e-03	1.05e-03	1.12e-04
1449	7	-7.95e-03	0.07	-0.36	-3.16e-03	1.89e-03	2.30e-04
1449	8	-7.97e-03	0.07	-0.36	-3.16e-03	1.86e-03	2.27e-04
1449	31	-5.85e-03	0.05	-0.26	-2.32e-03	1.38e-03	1.68e-04
1449	32	-5.87e-03	0.05	-0.26	-2.32e-03	1.36e-03	1.66e-04
1449	37	-5.03e-03	0.04	-0.22	-1.98e-03	1.14e-03	1.40e-04
1450	8	-0.01	0.04	-0.12	3.32e-04	2.62e-03	3.66e-04
1450	32	-9.66e-03	0.03	-0.09	3.16e-04	1.95e-03	2.73e-04
1450	37	-8.30e-03	0.03	-0.08	4.22e-04	1.71e-03	2.39e-04
1451	8	-0.01	0.06	-0.24	4.11e-04	2.47e-03	3.46e-04
1451	32	-0.01	0.04	-0.18	3.78e-04	1.84e-03	2.57e-04
1451	37	-8.68e-03	0.04	-0.16	4.85e-04	1.62e-03	2.26e-04
1452	8	-0.01	0.07	-0.35	4.12e-04	2.05e-03	2.87e-04
1452	32	-0.01	0.05	-0.26	3.81e-04	1.53e-03	2.14e-04
1452	37	-8.98e-03	0.04	-0.23	4.91e-04	1.35e-03	1.88e-04
1453	8	-0.01	0.08	-0.43	4.26e-04	1.46e-03	2.04e-04
1453	32	-0.01	0.06	-0.32	3.91e-04	1.09e-03	1.52e-04
1453	37	-9.23e-03	0.05	-0.28	5.03e-04	9.64e-04	1.33e-04
1454	8	-0.01	0.08	-0.48	4.70e-04	7.59e-04	1.05e-04
1454	32	-0.01	0.06	-0.36	4.24e-04	5.68e-04	7.85e-05
1454	37	-9.40e-03	0.05	-0.31	5.33e-04	5.05e-04	6.90e-05
1455	8	-0.01	0.08	-0.49	5.49e-04	3.44e-06	-1.63e-06
1455	32	-0.01	0.06	-0.37	4.83e-04	5.14e-06	-1.16e-06
1455	37	-9.48e-03	0.05	-0.32	5.84e-04	9.89e-06	0.0
1456	8	-0.01	0.08	-0.48	6.64e-04	-7.50e-04	-1.08e-04
1456	32	-0.01	0.06	-0.35	5.68e-04	-5.56e-04	-8.04e-05
1456	37	-9.46e-03	0.05	-0.31	6.58e-04	-4.83e-04	-7.05e-05
1457	8	-0.01	0.07	-0.42	8.15e-04	-1.44e-03	-2.06e-04
1457	32	-0.01	0.05	-0.31	6.79e-04	-1.07e-03	-1.54e-04
1457	37	-9.32e-03	0.04	-0.28	7.54e-04	-9.38e-04	-1.35e-04
1458	8	-0.01	0.05	-0.34	9.97e-04	-2.02e-03	-2.88e-04
1458	32	-0.01	0.04	-0.25	8.14e-04	-1.51e-03	-2.15e-04
1458	37	-9.08e-03	0.04	-0.22	8.69e-04	-1.32e-03	-1.88e-04
1459	8	-0.01	0.04	-0.23	1.20e-03	-2.42e-03	-3.45e-04
1459	32	-0.01	0.03	-0.17	9.65e-04	-1.80e-03	-2.57e-04
1459	37	-8.73e-03	0.02	-0.15	9.96e-04	-1.58e-03	-2.25e-04
1460	8	-0.01	0.02	-0.12	1.39e-03	-2.53e-03	-3.61e-04
1460	32	-9.53e-03	0.01	-0.09	1.10e-03	-1.88e-03	-2.68e-04
1460	37	-8.25e-03	0.01	-0.07	1.10e-03	-1.64e-03	-2.35e-04
1461	8	-0.02	0.03	-0.05	6.88e-04	2.74e-03	3.83e-04
1461	21	-0.02	0.04	-0.11	1.31e-03	2.65e-03	3.68e-04
1461	32	-0.01	0.03	-0.04	5.84e-04	2.04e-03	2.85e-04
1461	35	-0.01	0.03	-0.08	9.98e-04	1.98e-03	2.75e-04
1461	37	-0.01	0.02	-0.05	6.64e-04	1.80e-03	2.51e-04
1462	8	-0.02	0.02	-0.15	1.50e-03	-2.34e-03	-3.37e-04
1462	21	-0.02	0.03	-0.20	2.04e-03	-2.26e-03	-3.27e-04
1462	32	-0.01	0.02	-0.12	1.19e-03	-1.75e-03	-2.51e-04
1462	35	-0.01	0.02	-0.15	1.55e-03	-2.45e-03	-2.45e-04
1462	37	-0.01	0.02	-0.12	1.19e-03	-1.54e-03	-2.22e-04
1463	8	-0.02	0.05	-0.18	6.75e-04	2.69e-03	3.77e-04
1463	21	-0.02	0.05	-0.23	1.30e-03	2.61e-03	3.62e-04
1463	22	-0.02	0.05	-0.22	1.13e-03	2.71e-03	3.77e-04
1463	32	-0.01	0.04	-0.14	5.75e-04	2.01e-03	2.81e-04
1463	35	-0.01	0.04	-0.17	9.91e-04	1.95e-03	2.71e-04

1463	36	-0.01	0.04	-0.17	8.81e-04	2.02e-03	2.81e-04
1463	37	-0.01	0.03	-0.13	6.57e-04	1.78e-03	2.48e-04
1464	8	-0.02	0.06	-0.29	6.68e-04	2.50e-03	3.49e-04
1464	21	-0.02	0.07	-0.34	1.30e-03	2.42e-03	3.36e-04
1464	22	-0.02	0.07	-0.34	1.13e-03	2.51e-03	3.49e-04
1464	32	-0.01	0.05	-0.23	5.70e-04	1.86e-03	2.61e-04
1464	35	-0.01	0.05	-0.26	9.90e-04	1.81e-03	2.52e-04
1464	36	-0.01	0.05	-0.25	8.79e-04	1.87e-03	2.61e-04
1464	37	-0.01	0.04	-0.21	6.55e-04	1.65e-03	2.30e-04
1465	8	-0.02	0.08	-0.40	6.88e-04	2.11e-03	2.93e-04
1465	21	-0.02	0.08	-0.45	1.32e-03	2.05e-03	2.82e-04
1465	22	-0.02	0.08	-0.44	1.15e-03	2.12e-03	2.93e-04
1465	32	-0.01	0.06	-0.31	5.86e-04	1.58e-03	2.19e-04
1465	35	-0.01	0.06	-0.34	1.01e-03	1.54e-03	2.11e-04
1465	36	-0.01	0.06	-0.33	8.96e-04	1.59e-03	2.19e-04
1465	37	-0.01	0.05	-0.28	6.71e-04	1.39e-03	1.93e-04
1466	8	-0.02	0.08	-0.48	7.35e-04	1.56e-03	2.16e-04
1466	22	-0.02	0.09	-0.53	1.20e-03	1.58e-03	2.15e-04
1466	32	-0.01	0.06	-0.37	6.21e-04	1.17e-03	1.61e-04
1466	36	-0.01	0.07	-0.40	9.32e-04	1.18e-03	1.61e-04
1466	37	-0.01	0.06	-0.34	7.03e-04	1.03e-03	1.42e-04
1467	8	-0.02	0.09	-0.54	8.03e-04	9.10e-04	1.23e-04
1467	22	-0.02	0.09	-0.58	1.27e-03	9.21e-04	1.23e-04
1467	32	-0.01	0.07	-0.41	6.72e-04	6.81e-04	9.16e-05
1467	36	-0.01	0.07	-0.44	9.83e-04	6.88e-04	9.14e-05
1467	37	-0.01	0.06	-0.37	7.49e-04	6.05e-04	8.07e-05
1468	8	-0.02	0.09	-0.57	8.88e-04	2.01e-04	2.23e-05
1468	22	-0.02	0.10	-0.61	1.35e-03	2.09e-04	2.18e-05
1468	32	-0.01	0.07	-0.43	7.35e-04	1.51e-04	1.66e-05
1468	36	-0.01	0.07	-0.46	1.04e-03	1.57e-04	1.63e-05
1468	37	-0.01	0.06	-0.39	8.05e-04	1.38e-04	1.46e-05
1469	8	-0.02	0.09	-0.56	9.87e-04	-5.09e-04	-7.82e-05
1469	22	-0.02	0.09	-0.60	1.44e-03	-5.04e-04	-7.91e-05
1469	32	-0.01	0.07	-0.42	8.09e-04	-3.79e-04	-5.84e-05
1469	36	-0.01	0.07	-0.45	1.11e-03	-3.75e-04	-5.90e-05
1469	37	-0.01	0.06	-0.39	8.68e-04	-3.30e-04	-5.16e-05
1470	8	-0.02	0.08	-0.52	1.10e-03	-1.71e-03	-1.71e-04
1470	22	-0.02	0.09	-0.56	1.55e-03	-1.16e-03	-1.73e-04
1470	32	-0.01	0.06	-0.39	8.90e-04	-8.68e-04	-1.28e-04
1470	36	-0.01	0.06	-0.42	1.19e-03	-8.67e-04	-1.29e-04
1470	37	-0.01	0.06	-0.36	9.38e-04	-7.62e-04	-1.13e-04
1471	8	-0.02	0.07	-0.45	1.22e-03	-1.71e-03	-2.49e-04
1471	21	-0.02	0.07	-0.49	1.80e-03	-1.65e-03	-2.42e-04
1471	22	-0.02	0.07	-0.49	1.66e-03	-1.71e-03	-2.51e-04
1471	32	-0.01	0.05	-0.34	9.78e-04	-1.28e-03	-1.86e-04
1471	35	-0.01	0.06	-0.37	1.37e-03	-1.23e-03	-1.81e-04
1471	36	-0.01	0.06	-0.37	1.27e-03	-1.28e-03	-1.87e-04
1471	37	-0.01	0.05	-0.31	1.01e-03	-1.12e-03	-1.64e-04
1472	8	-0.02	0.06	-0.36	1.34e-03	-2.10e-03	-3.04e-04
1472	21	-0.02	0.06	-0.40	1.90e-03	-2.03e-03	-2.96e-04
1472	22	-0.02	0.06	-0.40	1.77e-03	-2.11e-03	-3.07e-04
1472	32	-0.01	0.04	-0.27	1.07e-03	-1.57e-03	-2.27e-04
1472	35	-0.01	0.05	-0.30	1.44e-03	-1.52e-03	-2.21e-04
1472	36	-0.01	0.05	-0.30	1.36e-03	-1.57e-03	-2.29e-04
1472	37	-0.01	0.04	-0.26	1.09e-03	-1.38e-03	-2.01e-04
1473	8	-0.02	0.04	-0.26	1.45e-03	-2.30e-03	-3.33e-04
1473	21	-0.02	0.04	-0.30	2.00e-03	-2.22e-03	-3.23e-04
1473	32	-0.01	0.03	-0.20	1.15e-03	-1.72e-03	-2.48e-04
1473	35	-0.01	0.03	-0.23	1.51e-03	-1.66e-03	-2.42e-04
1473	37	-0.01	0.03	-0.19	1.16e-03	-1.51e-03	-2.19e-04
1474	8	-0.01	0.03	-0.01	2.28e-04	2.72e-03	3.57e-04
1474	21	-0.01	0.03	-0.03	8.29e-04	2.62e-03	3.40e-04
1474	32	-0.01	0.02	-0.01	2.36e-04	2.03e-03	2.66e-04
1474	35	-9.56e-03	0.02	-0.02	6.36e-04	1.96e-03	2.55e-04
1474	37	-9.47e-03	0.02	-0.01	3.45e-04	1.79e-03	2.34e-04
1475	8	-0.02	0.03	-0.03	6.06e-04	2.76e-03	3.84e-04
1475	21	-0.01	0.03	-0.07	1.22e-03	2.66e-03	3.69e-04
1475	22	-0.02	0.03	-0.06	1.06e-03	2.77e-03	3.84e-04
1475	32	-0.01	0.02	-0.03	5.22e-04	2.06e-03	2.87e-04
1475	35	-0.01	0.02	-0.05	9.32e-04	2.00e-03	2.76e-04
1475	36	-0.01	0.02	-0.04	8.23e-04	2.06e-03	2.86e-04
1475	37	-0.01	0.02	-0.03	6.06e-04	1.82e-03	2.52e-04
1476	8	-0.02	0.04	-0.11	6.83e-04	2.73e-03	3.81e-04
1476	21	-0.02	0.04	-0.17	1.31e-03	2.64e-03	3.66e-04
1476	22	-0.02	0.04	-0.16	1.14e-03	2.74e-03	3.81e-04
1476	32	-0.01	0.03	-0.09	5.80e-04	2.04e-03	2.84e-04
1476	35	-0.01	0.03	-0.13	9.95e-04	1.98e-03	2.74e-04

1476	36	-0.01	0.03	-0.12	8.86e-04	2.04e-03	2.84e-04
1476	37	-0.01	0.03	-0.09	6.61e-04	1.80e-03	2.50e-04
1477	8	-0.02	0.06	-0.24	6.69e-04	2.62e-03	3.67e-04
1477	21	-0.02	0.06	-0.29	1.30e-03	2.54e-03	3.52e-04
1477	22	-0.02	0.06	-0.28	1.13e-03	2.63e-03	3.66e-04
1477	32	-0.01	0.04	-0.18	5.71e-04	1.96e-03	2.73e-04
1477	35	-0.01	0.04	-0.22	9.89e-04	1.90e-03	2.64e-04
1477	36	-0.01	0.04	-0.21	8.78e-04	1.96e-03	2.73e-04
1477	37	-0.01	0.04	-0.17	6.54e-04	1.73e-03	2.41e-04
1478	8	-0.02	0.07	-0.35	6.75e-04	2.33e-03	3.21e-04
1478	21	-0.02	0.07	-0.40	1.31e-03	2.26e-03	3.08e-04
1478	22	-0.02	0.07	-0.39	1.14e-03	2.34e-03	3.21e-04
1478	32	-0.01	0.05	-0.27	5.75e-04	1.74e-03	2.39e-04
1478	35	-0.01	0.05	-0.30	9.97e-04	1.69e-03	2.31e-04
1478	36	-0.01	0.06	-0.30	8.85e-04	1.75e-03	2.39e-04
1478	37	-0.01	0.05	-0.25	6.60e-04	1.54e-03	2.11e-04
1479	8	-0.02	0.08	-0.45	7.09e-04	1.85e-03	2.57e-04
1479	21	-0.02	0.08	-0.49	1.34e-03	1.80e-03	2.47e-04
1479	22	-0.02	0.08	-0.49	1.17e-03	1.87e-03	2.56e-04
1479	32	-0.01	0.06	-0.34	6.01e-04	1.39e-03	1.91e-04
1479	35	-0.01	0.06	-0.37	1.02e-03	1.35e-03	1.85e-04
1479	36	-0.01	0.06	-0.37	9.12e-04	1.39e-03	1.91e-04
1479	37	-0.01	0.05	-0.31	6.85e-04	1.23e-03	1.69e-04
1480	8	-0.02	0.09	-0.52	7.67e-04	1.25e-03	1.70e-04
1480	22	-0.02	0.09	-0.56	1.23e-03	1.26e-03	1.70e-04
1480	32	-0.01	0.07	-0.39	6.45e-04	9.33e-04	1.27e-04
1480	36	-0.01	0.07	-0.42	9.56e-04	9.41e-04	1.27e-04
1480	37	-0.01	0.06	-0.36	7.25e-04	8.27e-04	1.12e-04
1481	8	-0.02	0.09	-0.56	8.43e-04	5.59e-04	7.29e-05
1481	22	-0.02	0.10	-0.60	1.31e-03	5.69e-04	7.25e-05
1481	32	-0.01	0.07	-0.42	7.02e-04	4.19e-04	5.43e-05
1481	36	-0.01	0.07	-0.45	1.01e-03	4.25e-04	5.41e-05
1481	37	-0.01	0.06	-0.39	7.76e-04	3.73e-04	4.78e-05
1482	8	-0.02	0.09	-0.57	9.36e-04	-1.58e-04	-2.87e-05
1482	22	-0.02	0.10	-0.61	1.40e-03	-1.51e-04	-2.94e-05
1482	32	-0.01	0.07	-0.43	7.71e-04	-1.16e-04	-2.15e-05
1482	36	-0.01	0.07	-0.46	1.08e-03	-1.11e-04	-2.19e-05
1482	37	-0.01	0.06	-0.39	8.36e-04	-9.83e-05	-1.90e-05
1483	8	-0.02	0.09	-0.54	1.04e-03	-8.48e-04	-1.27e-04
1483	22	-0.02	0.09	-0.58	1.50e-03	-8.44e-04	-1.28e-04
1483	32	-0.01	0.06	-0.41	8.48e-04	-6.31e-04	-9.45e-05
1483	36	-0.01	0.07	-0.44	1.15e-03	-6.29e-04	-9.52e-05
1483	37	-0.01	0.06	-0.38	9.03e-04	-5.53e-04	-8.34e-05
1484	8	-0.02	0.08	-0.49	1.16e-03	-1.46e-03	-2.13e-04
1484	22	-0.02	0.08	-0.53	1.60e-03	-1.46e-03	-2.14e-04
1484	32	-0.01	0.06	-0.37	9.34e-04	-1.09e-03	-1.59e-04
1484	36	-0.01	0.06	-0.40	1.23e-03	-1.09e-03	-1.60e-04
1484	37	-0.01	0.05	-0.34	9.76e-04	-9.54e-04	-1.40e-04
1485	8	-0.02	0.06	-0.41	1.28e-03	-1.93e-03	-2.80e-04
1485	21	-0.02	0.07	-0.45	1.85e-03	-1.86e-03	-2.72e-04
1485	22	-0.02	0.07	-0.45	1.72e-03	-1.93e-03	-2.82e-04
1485	32	-0.01	0.05	-0.31	1.02e-03	-1.44e-03	-2.09e-04
1485	35	-0.01	0.05	-0.34	1.41e-03	-1.39e-03	-2.04e-04
1485	36	-0.01	0.05	-0.34	1.32e-03	-1.44e-03	-2.11e-04
1485	37	-0.01	0.04	-0.29	1.05e-03	-1.27e-03	-1.85e-04
1486	8	-0.02	0.05	-0.31	1.40e-03	-2.23e-03	-3.22e-04
1486	21	-0.02	0.05	-0.35	1.95e-03	-2.15e-03	-3.13e-04
1486	32	-0.01	0.04	-0.24	1.11e-03	-1.66e-03	-2.41e-04
1486	35	-0.01	0.04	-0.27	1.48e-03	-1.61e-03	-2.34e-04
1486	37	-0.01	0.03	-0.22	1.13e-03	-1.46e-03	-2.12e-04
1487	8	-0.02	0.03	-0.20	1.48e-03	-2.34e-03	-3.40e-04
1487	21	-0.02	0.04	-0.25	2.03e-03	-2.26e-03	-3.30e-04
1487	32	-0.01	0.02	-0.16	1.17e-03	-1.74e-03	-2.54e-04
1487	35	-0.01	0.03	-0.19	1.54e-03	-1.69e-03	-2.47e-04
1487	37	-0.01	0.02	-0.15	1.18e-03	-1.54e-03	-2.24e-04
1488	8	-0.02	0.01	-0.10	1.50e-03	-2.39e-03	-3.45e-04
1488	21	-0.01	0.02	-0.13	2.03e-03	-2.30e-03	-3.35e-04
1488	32	-0.01	0.01	-0.08	1.19e-03	-1.78e-03	-2.58e-04
1488	35	-0.01	0.01	-0.10	1.54e-03	-1.72e-03	-2.51e-04
1488	37	-0.01	0.01	-0.08	1.19e-03	-1.57e-03	-2.27e-04
1489	8	-0.01	7.74e-03	-0.05	1.37e-03	-2.32e-03	-3.31e-04
1489	21	-0.01	9.37e-03	-0.06	1.86e-03	-2.24e-03	-3.22e-04
1489	32	-0.01	5.95e-03	-0.04	1.08e-03	-1.73e-03	-2.47e-04
1489	35	-9.28e-03	7.04e-03	-0.05	1.41e-03	-1.68e-03	-2.41e-04
1489	37	-9.10e-03	5.53e-03	-0.04	1.08e-03	-1.52e-03	-2.18e-04
1490	8	-0.01	0.01	-0.06	1.38e-03	-2.33e-03	-3.33e-04
1490	32	-9.06e-03	7.55e-03	-0.04	1.09e-03	-1.73e-03	-2.48e-04

1490	37	-7.83e-03	6.33e-03	-0.04	1.08e-03	-1.51e-03	-2.17e-04
1491	8	-0.01	0.03	-0.18	1.31e-03	-2.52e-03	-3.60e-04
1491	32	-9.84e-03	0.02	-0.13	1.04e-03	-1.88e-03	-2.68e-04
1491	37	-8.52e-03	0.02	-0.11	1.06e-03	-1.64e-03	-2.35e-04
1492	8	-0.01	0.05	-0.29	1.10e-03	-2.25e-03	-3.21e-04
1492	32	-0.01	0.03	-0.22	8.88e-04	-1.67e-03	-2.39e-04
1492	37	-8.92e-03	0.03	-0.19	9.32e-04	-1.46e-03	-2.10e-04
1493	8	-0.01	0.06	-0.38	9.02e-04	-1.75e-03	-2.50e-04
1493	32	-0.01	0.05	-0.29	7.44e-04	-1.30e-03	-1.86e-04
1493	37	-9.21e-03	0.04	-0.25	8.09e-04	-1.14e-03	-1.63e-04
1494	8	-0.01	0.07	-0.45	7.35e-04	-1.11e-03	-1.59e-04
1494	32	-0.01	0.05	-0.34	6.21e-04	-8.23e-04	-1.18e-04
1494	37	-9.40e-03	0.05	-0.30	7.03e-04	-7.18e-04	-1.04e-04
1495	8	-0.01	0.08	-0.49	6.02e-04	-3.77e-04	-5.56e-05
1495	32	-0.01	0.06	-0.36	5.23e-04	-2.78e-04	-4.14e-05
1495	37	-9.48e-03	0.05	-0.32	6.19e-04	-2.39e-04	-3.62e-05
1496	8	-0.01	0.08	-0.49	5.05e-04	3.85e-04	5.19e-05
1496	32	-0.01	0.06	-0.36	4.50e-04	2.89e-04	3.87e-05
1496	37	-9.46e-03	0.05	-0.32	5.56e-04	2.59e-04	3.41e-05
1497	8	-0.01	0.08	-0.46	4.43e-04	1.12e-03	1.55e-04
1497	32	-0.01	0.06	-0.34	4.05e-04	8.38e-04	1.16e-04
1497	37	-9.33e-03	0.05	-0.30	5.15e-04	7.41e-04	1.02e-04
1498	8	-0.01	0.07	-0.39	4.16e-04	1.78e-03	2.48e-04
1498	32	-0.01	0.05	-0.29	3.84e-04	1.33e-03	1.85e-04
1498	37	-9.12e-03	0.05	-0.25	4.95e-04	1.17e-03	1.62e-04
1499	8	-0.01	0.06	-0.30	4.13e-04	2.29e-03	3.20e-04
1499	32	-0.01	0.05	-0.22	3.80e-04	1.71e-03	2.38e-04
1499	37	-8.84e-03	0.04	-0.19	4.89e-04	1.50e-03	2.09e-04
1500	8	-0.01	0.05	-0.18	3.96e-04	2.59e-03	3.62e-04
1500	32	-9.89e-03	0.04	-0.14	3.66e-04	1.93e-03	2.70e-04
1500	37	-8.50e-03	0.03	-0.12	4.70e-04	1.70e-03	2.36e-04
1501	8	-0.01	0.03	-0.07	4.00e-05	2.48e-03	3.47e-04
1501	32	-9.33e-03	0.03	-0.05	9.39e-05	1.85e-03	2.58e-04
1501	37	-8.02e-03	0.02	-0.04	2.15e-04	1.62e-03	2.25e-04
1502	8	-0.02	0.04	-0.09	5.99e-04	2.73e-03	3.85e-04
1502	21	-0.01	0.04	-0.13	1.22e-03	2.64e-03	3.70e-04
1502	22	-0.02	0.04	-0.12	1.05e-03	2.74e-03	3.84e-04
1502	32	-0.01	0.03	-0.07	5.17e-04	2.04e-03	2.87e-04
1502	35	-0.01	0.03	-0.10	9.29e-04	1.98e-03	2.77e-04
1502	36	-0.01	0.03	-0.09	8.19e-04	2.04e-03	2.87e-04
1502	37	-0.01	0.03	-0.07	6.02e-04	1.80e-03	2.53e-04
1503	8	-0.02	0.04	-0.07	3.49e-04	2.69e-03	3.54e-04
1503	21	-0.01	0.03	-0.09	9.57e-04	2.58e-03	3.35e-04
1503	32	-0.01	0.03	-0.06	3.28e-04	2.00e-03	2.63e-04
1503	35	-9.65e-03	0.03	-0.07	7.33e-04	1.93e-03	2.51e-04
1503	37	-9.55e-03	0.02	-0.05	4.29e-04	1.76e-03	2.30e-04
1504	8	-0.02	0.05	-0.15	5.98e-04	2.71e-03	3.77e-04
1504	21	-0.01	0.05	-0.19	1.22e-03	2.62e-03	3.62e-04
1504	22	-0.02	0.05	-0.18	1.06e-03	2.71e-03	3.77e-04
1504	32	-0.01	0.03	-0.12	5.17e-04	2.02e-03	2.81e-04
1504	35	-0.01	0.03	-0.14	9.33e-04	1.96e-03	2.71e-04
1504	36	-0.01	0.04	-0.14	8.22e-04	2.02e-03	2.81e-04
1504	37	-0.01	0.03	-0.11	6.04e-04	1.78e-03	2.48e-04
1505	8	-0.02	0.04	-0.14	4.39e-04	2.69e-03	3.72e-04
1505	22	-0.01	0.04	-0.15	8.88e-04	2.69e-03	3.69e-04
1505	32	-0.01	0.03	-0.10	3.96e-04	2.01e-03	2.77e-04
1505	36	-0.01	0.03	-0.11	6.96e-04	2.01e-03	2.75e-04
1505	37	-9.61e-03	0.03	-0.10	4.94e-04	1.77e-03	2.43e-04
1506	8	-0.02	0.05	-0.22	5.91e-04	2.63e-03	3.66e-04
1506	21	-0.01	0.05	-0.25	1.22e-03	2.54e-03	3.52e-04
1506	22	-0.02	0.05	-0.24	1.05e-03	2.64e-03	3.66e-04
1506	32	-0.01	0.04	-0.16	5.12e-04	1.96e-03	2.73e-04
1506	35	-0.01	0.04	-0.19	9.31e-04	1.90e-03	2.63e-04
1506	36	-0.01	0.04	-0.18	8.19e-04	1.97e-03	2.73e-04
1506	37	-0.01	0.04	-0.15	6.02e-04	1.73e-03	2.40e-04
1507	8	-0.02	0.05	-0.20	4.71e-04	2.62e-03	3.65e-04
1507	22	-0.01	0.05	-0.21	9.28e-04	2.62e-03	3.63e-04
1507	32	-0.01	0.04	-0.15	4.22e-04	1.95e-03	2.72e-04
1507	36	-0.01	0.04	-0.16	7.26e-04	1.96e-03	2.70e-04
1507	37	-9.73e-03	0.03	-0.14	5.20e-04	1.72e-03	2.38e-04
1508	8	-0.02	0.06	-0.27	5.87e-04	2.50e-03	3.48e-04
1508	21	-0.02	0.06	-0.30	1.22e-03	2.42e-03	3.34e-04
1508	22	-0.02	0.06	-0.30	1.05e-03	2.51e-03	3.48e-04
1508	32	-0.01	0.05	-0.21	5.10e-04	1.86e-03	2.59e-04
1508	35	-0.01	0.05	-0.23	9.31e-04	1.81e-03	2.50e-04
1508	36	-0.01	0.05	-0.23	8.18e-04	1.87e-03	2.59e-04
1508	37	-0.01	0.04	-0.19	6.01e-04	1.64e-03	2.28e-04

1509	8	-0.02	0.06	-0.26	4.85e-04	2.49e-03	3.47e-04
1509	22	-0.01	0.06	-0.27	9.46e-04	2.49e-03	3.46e-04
1509	32	-0.01	0.04	-0.19	4.33e-04	1.86e-03	2.59e-04
1509	36	-0.01	0.04	-0.20	7.41e-04	1.86e-03	2.58e-04
1509	37	-9.87e-03	0.04	-0.17	5.33e-04	1.64e-03	2.27e-04
1510	8	-0.02	0.07	-0.33	5.90e-04	2.31e-03	3.23e-04
1510	22	-0.02	0.07	-0.36	1.05e-03	2.33e-03	3.22e-04
1510	32	-0.01	0.05	-0.25	5.12e-04	1.73e-03	2.41e-04
1510	36	-0.01	0.05	-0.27	8.22e-04	1.74e-03	2.40e-04
1510	37	-0.01	0.04	-0.23	6.05e-04	1.53e-03	2.12e-04
1511	8	-0.02	0.06	-0.31	4.93e-04	2.30e-03	3.21e-04
1511	22	-0.01	0.06	-0.32	9.58e-04	2.31e-03	3.20e-04
1511	32	-0.01	0.05	-0.23	4.40e-04	1.72e-03	2.39e-04
1511	36	-0.01	0.05	-0.24	7.50e-04	1.72e-03	2.39e-04
1511	37	-0.01	0.04	-0.21	5.41e-04	1.51e-03	2.10e-04
1512	8	-0.02	0.07	-0.38	5.98e-04	2.09e-03	2.91e-04
1512	22	-0.02	0.07	-0.41	1.06e-03	2.10e-03	2.91e-04
1512	32	-0.01	0.05	-0.29	5.19e-04	1.56e-03	2.17e-04
1512	36	-0.01	0.06	-0.30	8.30e-04	1.57e-03	2.17e-04
1512	37	-0.01	0.05	-0.26	6.12e-04	1.38e-03	1.91e-04
1513	8	-0.02	0.07	-0.36	5.01e-04	2.07e-03	2.88e-04
1513	22	-0.01	0.07	-0.37	9.68e-04	2.08e-03	2.88e-04
1513	32	-0.01	0.05	-0.27	4.47e-04	1.54e-03	2.15e-04
1513	36	-0.01	0.05	-0.28	7.58e-04	1.55e-03	2.14e-04
1513	37	-0.01	0.05	-0.24	5.48e-04	1.36e-03	1.89e-04
1514	8	-0.02	0.08	-0.42	6.13e-04	1.82e-03	2.53e-04
1514	22	-0.02	0.08	-0.45	1.08e-03	1.83e-03	2.53e-04
1514	32	-0.01	0.06	-0.32	5.31e-04	1.36e-03	1.89e-04
1514	36	-0.01	0.06	-0.34	8.42e-04	1.37e-03	1.89e-04
1514	37	-0.01	0.05	-0.29	6.23e-04	1.20e-03	1.66e-04
1515	8	-0.02	0.07	-0.41	5.13e-04	1.80e-03	2.49e-04
1515	22	-0.01	0.07	-0.42	9.81e-04	1.81e-03	2.49e-04
1515	32	-0.01	0.06	-0.30	4.56e-04	1.34e-03	1.86e-04
1515	36	-0.01	0.06	-0.31	7.68e-04	1.35e-03	1.86e-04
1515	37	-0.01	0.05	-0.27	5.58e-04	1.18e-03	1.63e-04
1516	8	-0.02	0.08	-0.46	6.35e-04	1.52e-03	2.11e-04
1516	22	-0.02	0.08	-0.49	1.10e-03	1.54e-03	2.11e-04
1516	32	-0.01	0.06	-0.35	5.47e-04	1.14e-03	1.58e-04
1516	36	-0.01	0.06	-0.37	8.58e-04	1.15e-03	1.58e-04
1516	37	-0.01	0.05	-0.32	6.38e-04	1.01e-03	1.39e-04
1517	8	-0.02	0.08	-0.44	5.30e-04	1.49e-03	2.06e-04
1517	22	-0.02	0.08	-0.45	9.99e-04	1.50e-03	2.06e-04
1517	32	-0.01	0.06	-0.33	4.69e-04	1.11e-03	1.54e-04
1517	36	-0.01	0.06	-0.34	7.81e-04	1.12e-03	1.53e-04
1517	37	-0.01	0.05	-0.30	5.70e-04	9.82e-04	1.35e-04
1518	8	-0.02	0.08	-0.49	6.62e-04	1.20e-03	1.66e-04
1518	22	-0.02	0.09	-0.52	1.13e-03	1.21e-03	1.66e-04
1518	32	-0.01	0.06	-0.37	5.67e-04	8.96e-04	1.24e-04
1518	36	-0.01	0.07	-0.39	8.79e-04	9.04e-04	1.23e-04
1518	37	-0.01	0.06	-0.34	6.57e-04	7.94e-04	1.09e-04
1519	8	-0.02	0.08	-0.47	5.53e-04	1.15e-03	1.64e-04
1519	22	-0.02	0.08	-0.48	1.02e-03	1.17e-03	1.64e-04
1519	32	-0.01	0.06	-0.35	4.86e-04	8.62e-04	1.23e-04
1519	36	-0.01	0.06	-0.36	7.99e-04	8.71e-04	1.22e-04
1519	37	-0.01	0.05	-0.32	5.86e-04	7.63e-04	1.08e-04
1520	8	-0.02	0.09	-0.52	6.95e-04	8.54e-04	1.15e-04
1520	22	-0.02	0.09	-0.54	1.16e-03	8.67e-04	1.15e-04
1520	32	-0.01	0.07	-0.39	5.92e-04	6.39e-04	8.55e-05
1520	36	-0.01	0.07	-0.41	9.03e-04	6.47e-04	8.55e-05
1520	37	-0.01	0.06	-0.35	6.79e-04	5.67e-04	7.53e-05
1521	8	-0.02	0.08	-0.49	5.83e-04	8.01e-04	1.04e-04
1521	22	-0.02	0.08	-0.51	1.05e-03	8.15e-04	1.05e-04
1521	32	-0.01	0.06	-0.37	5.09e-04	6.00e-04	7.79e-05
1521	36	-0.01	0.06	-0.38	8.21e-04	6.09e-04	7.80e-05
1521	37	-0.01	0.06	-0.33	6.06e-04	5.32e-04	6.85e-05
1522	8	-0.02	0.09	-0.53	7.34e-04	4.96e-04	6.34e-05
1522	22	-0.02	0.09	-0.56	1.20e-03	5.08e-04	6.33e-05
1522	32	-0.01	0.07	-0.40	6.21e-04	3.72e-04	4.73e-05
1522	36	-0.01	0.07	-0.42	9.31e-04	3.80e-04	4.72e-05
1522	37	-0.01	0.06	-0.36	7.05e-04	3.32e-04	4.16e-05
1523	8	-0.02	0.09	-0.51	6.20e-04	4.33e-04	6.10e-05
1523	22	-0.02	0.09	-0.52	1.09e-03	4.47e-04	6.10e-05
1523	32	-0.01	0.06	-0.38	5.36e-04	3.25e-04	4.55e-05
1523	36	-0.01	0.06	-0.39	8.48e-04	3.35e-04	4.55e-05
1523	37	-0.01	0.06	-0.34	6.31e-04	2.91e-04	4.01e-05
1524	8	-0.02	0.09	-0.54	7.78e-04	1.31e-04	1.17e-05
1524	22	-0.02	0.09	-0.56	1.24e-03	1.43e-04	1.17e-05

1524	32	-0.01	0.07	-0.41	6.54e-04	9.98e-05	8.76e-06
1524	36	-0.01	0.07	-0.42	9.63e-04	1.08e-04	8.71e-06
1524	37	-0.01	0.06	-0.37	7.33e-04	9.26e-05	7.75e-06
1525	8	-0.02	0.08	-0.51	6.65e-04	5.91e-05	9.30e-06
1525	22	-0.02	0.09	-0.53	1.13e-03	7.38e-05	9.24e-06
1525	32	-0.01	0.06	-0.39	5.69e-04	4.64e-05	6.94e-06
1525	36	-0.01	0.06	-0.39	8.80e-04	5.62e-05	6.90e-06
1525	37	-0.01	0.06	-0.34	6.60e-04	4.59e-05	6.15e-06
1526	8	-0.02	0.09	-0.54	8.28e-04	-2.33e-04	-4.05e-05
1526	22	-0.02	0.09	-0.56	1.29e-03	-2.22e-04	-4.06e-05
1526	32	-0.01	0.07	-0.40	6.90e-04	-1.72e-04	-3.02e-05
1526	36	-0.01	0.07	-0.42	9.98e-04	-1.65e-04	-3.03e-05
1526	37	-0.01	0.06	-0.36	7.65e-04	-1.47e-04	-2.65e-05
1527	8	-0.02	0.08	-0.51	7.16e-04	-3.14e-04	-4.30e-05
1527	22	-0.02	0.08	-0.52	1.18e-03	-2.99e-04	-4.30e-05
1527	32	-0.01	0.06	-0.38	6.07e-04	-2.32e-04	-3.20e-05
1527	36	-0.01	0.06	-0.39	9.16e-04	-2.22e-04	-3.21e-05
1527	37	-0.01	0.05	-0.34	6.93e-04	-1.99e-04	-2.82e-05
1528	8	-0.02	0.08	-0.53	8.82e-04	-5.91e-04	-9.12e-05
1528	22	-0.02	0.09	-0.55	1.34e-03	-5.81e-04	-9.13e-05
1528	32	-0.01	0.06	-0.40	7.31e-04	-4.39e-04	-6.80e-05
1528	36	-0.01	0.07	-0.41	1.04e-03	-4.32e-04	-6.81e-05
1528	37	-0.01	0.06	-0.36	8.00e-04	-3.82e-04	-5.98e-05
1529	8	-0.02	0.08	-0.50	7.74e-04	-6.80e-04	-9.36e-05
1529	22	-0.02	0.08	-0.51	1.23e-03	-6.65e-04	-9.38e-05
1529	32	-0.01	0.06	-0.37	6.51e-04	-5.05e-04	-6.98e-05
1529	36	-0.01	0.06	-0.38	9.57e-04	-4.95e-04	-6.99e-05
1529	37	-0.01	0.05	-0.33	7.30e-04	-4.39e-04	-6.14e-05
1530	8	-0.02	0.08	-0.51	9.42e-04	-9.34e-04	-1.41e-04
1530	22	-0.02	0.08	-0.54	1.40e-03	-9.25e-04	-1.41e-04
1530	32	-0.01	0.06	-0.38	7.75e-04	-6.95e-04	-1.05e-04
1530	36	-0.01	0.06	-0.40	1.08e-03	-6.89e-04	-1.05e-04
1530	37	-0.01	0.05	-0.35	8.38e-04	-6.08e-04	-9.22e-05
1531	8	-0.02	0.08	-0.48	8.40e-04	-1.03e-03	-1.43e-04
1531	22	-0.02	0.08	-0.49	1.30e-03	-1.02e-03	-1.43e-04
1531	32	-0.01	0.06	-0.36	6.99e-04	-7.67e-04	-1.07e-04
1531	36	-0.01	0.06	-0.37	1.00e-03	-7.57e-04	-1.07e-04
1531	37	-0.01	0.05	-0.32	7.72e-04	-6.69e-04	-9.38e-05
1532	8	-0.02	0.08	-0.48	1.01e-03	-1.26e-03	-1.86e-04
1532	22	-0.02	0.08	-0.51	1.46e-03	-1.25e-03	-1.87e-04
1532	32	-0.01	0.06	-0.36	8.22e-04	-9.36e-04	-1.39e-04
1532	36	-0.01	0.06	-0.38	1.12e-03	-9.30e-04	-1.39e-04
1532	37	-0.01	0.05	-0.33	8.79e-04	-8.20e-04	-1.22e-04
1533	8	-0.02	0.07	-0.45	9.11e-04	-1.36e-03	-1.89e-04
1533	22	-0.02	0.07	-0.46	1.36e-03	-1.35e-03	-1.89e-04
1533	32	-0.01	0.05	-0.34	7.52e-04	-1.01e-03	-1.41e-04
1533	36	-0.01	0.05	-0.35	1.05e-03	-1.00e-03	-1.41e-04
1533	37	-0.01	0.05	-0.30	8.17e-04	-8.86e-04	-1.24e-04
1534	8	-0.02	0.07	-0.45	1.07e-03	-1.55e-03	-2.29e-04
1534	22	-0.02	0.07	-0.48	1.52e-03	-1.55e-03	-2.29e-04
1534	32	-0.01	0.05	-0.34	8.73e-04	-1.16e-03	-1.71e-04
1534	36	-0.01	0.06	-0.36	1.17e-03	-1.15e-03	-1.71e-04
1534	37	-0.01	0.05	-0.31	9.22e-04	-1.01e-03	-1.50e-04
1535	8	-0.02	0.07	-0.42	9.89e-04	-1.66e-03	-2.31e-04
1535	22	-0.01	0.07	-0.43	1.44e-03	-1.65e-03	-2.31e-04
1535	32	-0.01	0.05	-0.31	8.09e-04	-1.24e-03	-1.72e-04
1535	36	-0.01	0.05	-0.32	1.11e-03	-1.23e-03	-1.73e-04
1535	37	-0.01	0.04	-0.28	8.66e-04	-1.08e-03	-1.52e-04
1536	8	-0.02	0.06	-0.41	1.15e-03	-1.81e-03	-2.66e-04
1536	22	-0.02	0.07	-0.44	1.59e-03	-1.81e-03	-2.66e-04
1536	32	-0.01	0.05	-0.31	9.26e-04	-1.35e-03	-1.98e-04
1536	36	-0.01	0.05	-0.33	1.22e-03	-1.35e-03	-1.99e-04
1536	37	-0.01	0.04	-0.28	9.67e-04	-1.19e-03	-1.75e-04
1537	8	-0.02	0.06	-0.37	1.07e-03	-1.93e-03	-2.68e-04
1537	22	-0.01	0.06	-0.39	1.51e-03	-1.92e-03	-2.68e-04
1537	32	-0.01	0.04	-0.28	8.70e-04	-1.44e-03	-2.00e-04
1537	36	-0.01	0.04	-0.29	1.16e-03	-1.43e-03	-2.00e-04
1537	37	-0.01	0.04	-0.25	9.18e-04	-1.26e-03	-1.76e-04
1538	8	-0.02	0.06	-0.37	1.22e-03	-2.03e-03	-2.98e-04
1538	22	-0.02	0.06	-0.39	1.66e-03	-2.03e-03	-2.98e-04
1538	32	-0.01	0.04	-0.28	9.82e-04	-1.51e-03	-2.22e-04
1538	36	-0.01	0.05	-0.29	1.27e-03	-1.51e-03	-2.22e-04
1538	37	-0.01	0.04	-0.25	1.01e-03	-1.33e-03	-1.96e-04
1539	8	-0.02	0.05	-0.33	1.16e-03	-2.15e-03	-3.00e-04
1539	22	-0.01	0.05	-0.34	1.59e-03	-2.14e-03	-3.00e-04
1539	32	-0.01	0.04	-0.25	9.35e-04	-1.60e-03	-2.23e-04
1539	36	-0.01	0.04	-0.25	1.22e-03	-1.59e-03	-2.24e-04

1539	37	-9.89e-03	0.03	-0.22	9.73e-04	-1.41e-03	-1.97e-04
1540	8	-0.02	0.05	-0.32	1.30e-03	-2.20e-03	-3.22e-04
1540	22	-0.02	0.05	-0.34	1.73e-03	-2.20e-03	-3.23e-04
1540	32	-0.01	0.04	-0.24	1.04e-03	-1.64e-03	-2.40e-04
1540	36	-0.01	0.04	-0.26	1.32e-03	-1.64e-03	-2.41e-04
1540	37	-0.01	0.03	-0.22	1.06e-03	-1.44e-03	-2.11e-04
1541	8	-0.02	0.04	-0.27	1.25e-03	-2.33e-03	-3.23e-04
1541	22	-0.01	0.04	-0.29	1.68e-03	-2.31e-03	-3.24e-04
1541	32	-0.01	0.03	-0.21	1.00e-03	-1.73e-03	-2.41e-04
1541	36	-0.01	0.03	-0.21	1.28e-03	-1.72e-03	-2.42e-04
1541	37	-9.72e-03	0.03	-0.19	1.03e-03	-1.52e-03	-2.12e-04
1542	8	-0.02	0.04	-0.26	1.38e-03	-2.32e-03	-3.39e-04
1542	21	-0.01	0.04	-0.29	1.93e-03	-2.23e-03	-3.27e-04
1542	22	-0.02	0.04	-0.29	1.80e-03	-2.32e-03	-3.40e-04
1542	32	-0.01	0.03	-0.20	1.09e-03	-1.73e-03	-2.53e-04
1542	35	-0.01	0.03	-0.22	1.46e-03	-2.67e-03	-2.45e-04
1542	36	-0.01	0.03	-0.22	1.38e-03	-1.73e-03	-2.53e-04
1542	37	-0.01	0.03	-0.19	1.11e-03	-1.52e-03	-2.23e-04
1543	8	-0.01	0.03	-0.22	1.34e-03	-2.44e-03	-3.40e-04
1543	22	-0.01	0.04	-0.23	1.76e-03	-2.42e-03	-3.41e-04
1543	32	-0.01	0.03	-0.16	1.07e-03	-1.81e-03	-2.54e-04
1543	36	-0.01	0.03	-0.17	1.34e-03	-1.81e-03	-2.54e-04
1543	37	-9.54e-03	0.02	-0.15	1.08e-03	-1.59e-03	-2.23e-04
1544	8	-0.02	0.03	-0.21	1.44e-03	-2.33e-03	-3.33e-04
1544	21	-0.01	0.04	-0.24	1.98e-03	-2.29e-03	-3.24e-04
1544	32	-0.01	0.02	-0.16	1.14e-03	-1.77e-03	-2.49e-04
1544	35	-0.01	0.03	-0.18	1.50e-03	-1.71e-03	-2.42e-04
1544	37	-0.01	0.02	-0.15	1.15e-03	-1.56e-03	-2.19e-04
1545	8	-0.01	0.03	-0.16	1.42e-03	-2.47e-03	-3.47e-04
1545	22	-0.01	0.03	-0.17	1.82e-03	-2.46e-03	-3.48e-04
1545	32	-0.01	0.02	-0.12	1.12e-03	-1.84e-03	-2.59e-04
1545	36	-0.01	0.02	-0.13	1.39e-03	-1.83e-03	-2.60e-04
1545	37	-9.37e-03	0.02	-0.11	1.13e-03	-1.61e-03	-2.28e-04
1546	8	-0.02	0.02	-0.15	1.49e-03	-2.39e-03	-3.46e-04
1546	21	-0.01	0.03	-0.18	2.02e-03	-2.30e-03	-3.35e-04
1546	32	-0.01	0.02	-0.12	1.17e-03	-1.78e-03	-2.58e-04
1546	35	-0.01	0.02	-0.14	1.53e-03	-2.72e-03	-2.51e-04
1546	37	-0.01	0.02	-0.11	1.18e-03	-1.57e-03	-2.28e-04
1547	8	-0.01	0.02	-0.10	1.44e-03	-2.42e-03	-3.45e-04
1547	21	-0.01	0.02	-0.12	1.93e-03	-2.32e-03	-3.32e-04
1547	22	-0.01	0.02	-0.12	1.82e-03	-2.41e-03	-3.45e-04
1547	32	-0.01	0.01	-0.08	1.13e-03	-1.80e-03	-2.57e-04
1547	35	-9.45e-03	0.01	-0.09	1.47e-03	-1.74e-03	-2.49e-04
1547	36	-0.01	0.01	-0.09	1.39e-03	-1.80e-03	-2.58e-04
1547	37	-9.28e-03	0.01	-0.07	1.13e-03	-1.58e-03	-2.26e-04
1548	7	-3.87e-03	0.01	-0.13	2.43e-03	2.86e-03	4.71e-04
1548	8	-3.73e-03	0.01	-0.13	2.74e-03	2.98e-03	4.99e-04
1548	31	-2.79e-03	0.01	-0.09	1.90e-03	2.13e-03	3.55e-04
1548	32	-2.70e-03	0.01	-0.10	2.11e-03	2.21e-03	3.73e-04
1548	37	-2.24e-03	8.85e-03	-0.08	2.00e-03	1.93e-03	3.31e-04
1549	7	-6.30e-04	0.03	-0.25	2.31e-03	2.69e-03	4.25e-04
1549	8	-3.76e-04	0.03	-0.26	2.63e-03	2.81e-03	4.51e-04
1549	31	-3.88e-04	0.02	-0.19	1.82e-03	2.01e-03	3.21e-04
1549	32	-2.18e-04	0.02	-0.19	2.03e-03	2.09e-03	3.38e-04
1549	37	-9.08e-05	0.02	-0.16	1.95e-03	1.82e-03	3.00e-04
1550	8	2.56e-03	0.05	-0.37	2.46e-03	2.32e-03	3.86e-04
1550	21	3.04e-03	0.04	-0.34	2.99e-03	2.20e-03	3.85e-04
1550	32	1.95e-03	0.03	-0.27	1.91e-03	1.72e-03	2.89e-04
1550	35	2.28e-03	0.03	-0.25	2.26e-03	1.65e-03	2.88e-04
1550	37	1.79e-03	0.03	-0.24	1.84e-03	1.51e-03	2.58e-04
1551	8	4.73e-03	0.06	-0.45	2.32e-03	1.64e-03	2.94e-04
1551	22	5.12e-03	0.06	-0.44	2.76e-03	1.64e-03	3.05e-04
1551	32	3.57e-03	0.04	-0.34	1.81e-03	1.22e-03	2.21e-04
1551	36	3.82e-03	0.04	-0.33	2.10e-03	1.22e-03	2.28e-04
1551	37	3.19e-03	0.04	-0.29	1.76e-03	1.07e-03	1.99e-04
1552	8	5.94e-03	0.06	-0.51	2.24e-03	8.59e-04	1.84e-04
1552	22	6.31e-03	0.06	-0.49	2.68e-03	8.68e-04	1.97e-04
1552	32	4.47e-03	0.05	-0.38	1.75e-03	6.42e-04	1.39e-04
1552	36	4.71e-03	0.05	-0.37	2.04e-03	6.48e-04	1.48e-04
1552	37	3.97e-03	0.04	-0.32	1.70e-03	5.68e-04	1.27e-04
1553	8	6.11e-03	0.07	-0.52	2.22e-03	3.53e-05	7.00e-05
1553	22	6.48e-03	0.06	-0.51	2.65e-03	5.86e-05	8.45e-05
1553	32	4.59e-03	0.05	-0.39	1.73e-03	3.03e-05	5.47e-05
1553	36	4.83e-03	0.05	-0.38	2.01e-03	4.58e-05	6.43e-05
1553	37	4.07e-03	0.04	-0.33	1.68e-03	3.57e-05	5.36e-05
1554	8	5.21e-03	0.06	-0.50	2.25e-03	-7.68e-04	-4.61e-05
1554	22	5.60e-03	0.06	-0.48	2.66e-03	-7.29e-04	-2.91e-05

1554	32	3.92e-03	0.05	-0.37	1.75e-03	-5.66e-04	-3.15e-05
1554	36	4.18e-03	0.05	-0.36	2.02e-03	-5.40e-04	-2.02e-05
1554	37	3.49e-03	0.04	-0.32	1.69e-03	-4.83e-04	-2.12e-05
1555	8	3.32e-03	0.05	-0.44	2.32e-03	-1.49e-03	-1.39e-04
1555	21	3.77e-03	0.05	-0.40	2.80e-03	-1.35e-03	-1.08e-04
1555	32	2.52e-03	0.04	-0.33	1.80e-03	-1.10e-03	-1.00e-04
1555	35	2.82e-03	0.04	-0.30	2.12e-03	-1.01e-03	-7.99e-05
1555	37	2.27e-03	0.03	-0.28	1.73e-03	-9.48e-04	-8.16e-05
1556	8	5.79e-04	0.04	-0.35	2.42e-03	-2.06e-03	-2.16e-04
1556	21	1.24e-03	0.04	-0.32	2.87e-03	-1.88e-03	-1.81e-04
1556	32	4.88e-04	0.03	-0.26	1.87e-03	-1.52e-03	-1.58e-04
1556	35	9.26e-04	0.03	-0.24	2.16e-03	-1.40e-03	-1.34e-04
1556	37	5.05e-04	0.03	-0.22	1.78e-03	-1.31e-03	-1.32e-04
1557	7	-2.95e-03	0.03	-0.23	2.25e-03	-2.32e-03	-2.61e-04
1557	8	-2.75e-03	0.03	-0.24	2.52e-03	-2.40e-03	-2.65e-04
1557	31	-2.11e-03	0.02	-0.17	1.75e-03	-1.72e-03	-1.92e-04
1557	32	-1.98e-03	0.02	-0.18	1.94e-03	-1.77e-03	-1.94e-04
1557	37	-1.63e-03	0.02	-0.15	1.83e-03	-1.53e-03	-1.63e-04
1558	7	-6.41e-03	9.53e-03	-0.12	2.27e-03	-2.29e-03	-2.69e-04
1558	8	-6.32e-03	0.01	-0.12	2.52e-03	-2.36e-03	-2.75e-04
1558	31	-4.67e-03	7.06e-03	-0.09	1.76e-03	-1.69e-03	-1.99e-04
1558	32	-4.62e-03	7.46e-03	-0.09	1.93e-03	-1.74e-03	-2.03e-04
1558	37	-3.90e-03	6.25e-03	-0.08	1.80e-03	-1.49e-03	-1.72e-04
1559	7	-2.07e-03	0.03	-0.24	2.54e-03	-2.32e-03	-2.32e-04
1559	21	8.22e-04	0.04	-0.30	3.16e-03	-2.23e-03	-2.05e-04
1559	31	-1.26e-03	0.02	-0.19	1.97e-03	-1.69e-03	-1.71e-04
1559	35	6.67e-04	0.03	-0.22	2.38e-03	-1.67e-03	-1.53e-04
1559	37	-2.44e-04	0.02	-0.19	2.01e-03	-1.54e-03	-1.47e-04
1560	21	2.26e-03	0.05	-0.35	3.79e-03	2.64e-03	4.87e-04
1560	23	2.61e-03	0.04	-0.29	3.11e-03	2.02e-03	3.79e-04
1560	35	1.76e-03	0.04	-0.27	2.86e-03	1.98e-03	3.65e-04
1560	37	5.83e-04	0.03	-0.22	2.39e-03	1.81e-03	3.27e-04
1561	21	5.27e-03	0.06	-0.46	3.67e-03	2.60e-03	4.83e-04
1561	22	4.63e-03	0.06	-0.46	3.60e-03	2.71e-03	4.97e-04
1561	35	4.01e-03	0.05	-0.35	2.77e-03	1.94e-03	3.62e-04
1561	36	3.58e-03	0.05	-0.35	2.72e-03	2.02e-03	3.72e-04
1561	37	2.66e-03	0.04	-0.30	2.31e-03	1.78e-03	3.25e-04
1562	21	8.17e-03	0.07	-0.57	3.50e-03	2.38e-03	4.40e-04
1562	22	7.67e-03	0.08	-0.57	3.43e-03	2.49e-03	4.52e-04
1562	35	6.18e-03	0.06	-0.42	2.64e-03	1.78e-03	3.30e-04
1562	36	5.84e-03	0.06	-0.43	2.59e-03	1.85e-03	3.38e-04
1562	37	4.66e-03	0.05	-0.37	2.19e-03	1.63e-03	2.95e-04
1563	21	0.01	0.09	-0.65	3.36e-03	1.97e-03	3.94e-04
1563	22	0.01	0.09	-0.66	3.28e-03	2.06e-03	4.04e-04
1563	35	8.06e-03	0.07	-0.49	2.53e-03	1.48e-03	2.95e-04
1563	36	7.81e-03	0.07	-0.50	2.48e-03	1.53e-03	3.02e-04
1563	37	6.40e-03	0.06	-0.43	2.09e-03	1.35e-03	2.64e-04
1564	21	0.01	0.10	-0.72	3.25e-03	1.41e-03	3.10e-04
1564	22	0.01	0.10	-0.74	3.16e-03	1.48e-03	3.17e-04
1564	35	9.48e-03	0.07	-0.54	2.45e-03	1.06e-03	2.33e-04
1564	36	9.30e-03	0.07	-0.55	2.40e-03	1.10e-03	2.37e-04
1564	37	7.72e-03	0.06	-0.48	2.02e-03	9.68e-04	2.06e-04
1565	21	0.01	0.10	-0.76	3.18e-03	7.59e-04	2.04e-04
1565	22	0.01	0.10	-0.78	3.09e-03	7.91e-04	2.07e-04
1565	35	0.01	0.08	-0.57	2.40e-03	5.68e-04	1.54e-04
1565	36	0.01	0.08	-0.58	2.34e-03	5.89e-04	1.55e-04
1565	37	8.51e-03	0.07	-0.51	1.97e-03	5.19e-04	1.34e-04
1566	21	0.01	0.10	-0.77	3.14e-03	5.82e-05	1.02e-04
1566	22	0.01	0.10	-0.79	3.05e-03	5.90e-05	9.99e-05
1566	35	0.01	0.08	-0.58	2.37e-03	4.37e-05	7.72e-05
1566	36	0.01	0.08	-0.59	2.31e-03	4.42e-05	7.57e-05
1566	37	8.71e-03	0.07	-0.51	1.95e-03	3.80e-05	6.39e-05
1567	21	0.01	0.10	-0.75	3.12e-03	-6.34e-04	2.04e-06
1567	22	0.01	0.10	-0.77	3.05e-03	-6.64e-04	-5.24e-06
1567	35	0.01	0.07	-0.56	2.36e-03	-4.74e-04	2.27e-06
1567	36	9.93e-03	0.08	-0.57	2.31e-03	-4.94e-04	-2.58e-06
1567	37	8.30e-03	0.07	-0.50	1.95e-03	-4.37e-04	-5.34e-06
1568	21	0.01	0.09	-0.70	3.14e-03	-1.26e-03	-8.39e-05
1568	22	0.01	0.09	-0.71	3.07e-03	-1.32e-03	-9.39e-05
1568	35	8.96e-03	0.07	-0.52	2.37e-03	-9.46e-04	-6.22e-05
1568	36	8.80e-03	0.07	-0.53	2.32e-03	-9.85e-04	-6.88e-05
1568	37	7.31e-03	0.06	-0.46	1.96e-03	-8.70e-04	-6.34e-05
1569	21	9.70e-03	0.08	-0.62	3.17e-03	-1.78e-03	-1.62e-04
1569	22	9.38e-03	0.08	-0.63	3.11e-03	-1.86e-03	-1.76e-04
1569	35	7.31e-03	0.06	-0.46	2.39e-03	-1.31e-03	-1.21e-04
1569	36	7.10e-03	0.06	-0.47	2.35e-03	-1.38e-03	-1.30e-04
1569	37	5.82e-03	0.05	-0.41	1.99e-03	-1.22e-03	-1.18e-04

1570	21	6.95e-03	0.07	-0.52	3.20e-03	-2.13e-03	-2.17e-04
1570	22	6.52e-03	0.07	-0.53	3.15e-03	-2.22e-03	-2.34e-04
1570	35	5.26e-03	0.05	-0.39	2.41e-03	-1.59e-03	-1.62e-04
1570	36	4.97e-03	0.05	-0.40	2.38e-03	-1.66e-03	-1.73e-04
1570	37	3.94e-03	0.04	-0.34	2.02e-03	-1.46e-03	-1.56e-04
1571	21	3.90e-03	0.05	-0.41	3.22e-03	-2.27e-03	-2.28e-04
1571	22	3.35e-03	0.05	-0.41	3.18e-03	-2.38e-03	-2.46e-04
1571	35	2.97e-03	0.04	-0.31	2.43e-03	-1.70e-03	-1.70e-04
1571	36	2.61e-03	0.04	-0.31	2.40e-03	-1.77e-03	-1.82e-04
1571	37	1.86e-03	0.03	-0.27	2.04e-03	-1.56e-03	-1.63e-04
1572	7	-3.54e-03	0.02	-0.18	2.87e-03	2.78e-03	4.66e-04
1572	21	-8.04e-04	0.03	-0.23	3.68e-03	2.77e-03	4.87e-04
1572	31	-2.38e-03	0.02	-0.14	2.24e-03	2.08e-03	3.51e-04
1572	35	-5.52e-04	0.02	-0.17	2.77e-03	2.08e-03	3.65e-04
1572	37	-1.31e-03	0.02	-0.14	2.32e-03	1.90e-03	3.28e-04
1573	7	-5.52e-03	8.99e-03	-0.09	2.48e-03	2.84e-03	3.95e-04
1573	21	-3.58e-03	0.01	-0.11	3.21e-03	2.84e-03	4.03e-04
1573	31	-3.94e-03	7.05e-03	-0.07	1.93e-03	2.13e-03	2.96e-04
1573	35	-2.65e-03	9.38e-03	-0.08	2.42e-03	2.12e-03	3.02e-04
1573	37	-3.01e-03	7.45e-03	-0.07	2.02e-03	1.95e-03	2.74e-04
1574	7	-5.50e-03	5.89e-03	-0.07	2.25e-03	2.70e-03	3.68e-04
1574	8	-5.41e-03	6.27e-03	-0.07	2.53e-03	2.81e-03	3.82e-04
1574	31	-4.00e-03	4.34e-03	-0.05	1.76e-03	2.01e-03	2.74e-04
1574	32	-3.94e-03	4.59e-03	-0.05	1.95e-03	2.09e-03	2.84e-04
1574	37	-3.30e-03	3.73e-03	-0.04	1.84e-03	1.82e-03	2.46e-04
1575	7	-2.22e-03	0.02	-0.19	2.39e-03	2.82e-03	4.75e-04
1575	8	-2.03e-03	0.02	-0.20	2.71e-03	2.94e-03	5.01e-04
1575	31	-1.57e-03	0.02	-0.14	1.88e-03	2.11e-03	3.57e-04
1575	32	-1.44e-03	0.02	-0.14	2.09e-03	2.19e-03	3.74e-04
1575	37	-1.15e-03	0.01	-0.12	1.99e-03	1.91e-03	3.29e-04
1576	8	1.17e-03	0.04	-0.32	2.54e-03	2.59e-03	4.41e-04
1576	21	1.75e-03	0.04	-0.29	3.06e-03	2.45e-03	4.35e-04
1576	32	9.26e-04	0.03	-0.23	1.97e-03	1.93e-03	3.30e-04
1576	35	1.32e-03	0.03	-0.22	2.32e-03	1.83e-03	3.26e-04
1576	37	9.00e-04	0.02	-0.20	1.89e-03	1.68e-03	2.93e-04
1577	8	3.75e-03	0.05	-0.42	2.39e-03	2.00e-03	3.53e-04
1577	22	4.16e-03	0.05	-0.40	2.82e-03	1.98e-03	3.63e-04
1577	32	2.84e-03	0.04	-0.31	1.85e-03	1.49e-03	2.65e-04
1577	36	3.11e-03	0.04	-0.30	2.15e-03	1.48e-03	2.71e-04
1577	37	2.56e-03	0.03	-0.27	1.80e-03	1.30e-03	2.37e-04
1578	8	5.46e-03	0.06	-0.49	2.28e-03	1.26e-03	2.40e-04
1578	22	5.84e-03	0.06	-0.47	2.72e-03	1.26e-03	2.52e-04
1578	32	4.11e-03	0.05	-0.36	1.77e-03	9.39e-04	1.81e-04
1578	36	4.36e-03	0.04	-0.35	2.06e-03	9.40e-04	1.89e-04
1578	37	3.66e-03	0.04	-0.31	1.73e-03	8.26e-04	1.64e-04
1579	8	6.16e-03	0.07	-0.52	2.22e-03	4.49e-04	1.22e-04
1579	22	6.52e-03	0.06	-0.50	2.66e-03	4.65e-04	1.37e-04
1579	32	4.63e-03	0.05	-0.38	1.73e-03	3.38e-04	9.34e-05
1579	36	4.87e-03	0.05	-0.37	2.02e-03	3.48e-04	1.03e-04
1579	37	4.10e-03	0.04	-0.33	1.69e-03	3.03e-04	8.78e-05
1580	8	5.79e-03	0.06	-0.51	2.23e-03	-3.72e-04	4.35e-06
1580	22	6.17e-03	0.06	-0.50	2.65e-03	-3.41e-04	2.14e-05
1580	32	4.35e-03	0.05	-0.38	1.73e-03	-2.72e-04	6.13e-06
1580	36	4.60e-03	0.05	-0.37	2.01e-03	-2.51e-04	1.75e-05
1580	37	3.86e-03	0.04	-0.33	1.68e-03	-2.27e-04	1.19e-05
1581	8	4.38e-03	0.06	-0.47	2.28e-03	-1.14e-03	-9.51e-05
1581	22	4.79e-03	0.06	-0.46	2.69e-03	-1.10e-03	-7.77e-05
1581	32	3.31e-03	0.04	-0.35	1.77e-03	-8.44e-04	-6.80e-05
1581	36	3.58e-03	0.04	-0.34	2.04e-03	-8.13e-04	-5.64e-05
1581	37	2.95e-03	0.04	-0.30	1.71e-03	-7.25e-04	-5.31e-05
1582	8	2.04e-03	0.05	-0.40	2.37e-03	-1.80e-03	-1.93e-04
1582	21	2.59e-03	0.04	-0.37	2.83e-03	-1.64e-03	-1.56e-04
1582	32	1.57e-03	0.04	-0.29	1.83e-03	-1.33e-03	-1.40e-04
1582	35	1.93e-03	0.03	-0.27	2.14e-03	-1.22e-03	-1.16e-04
1582	37	1.44e-03	0.03	-0.25	1.76e-03	-1.15e-03	-1.15e-04
1583	7	-1.29e-03	0.03	-0.29	2.20e-03	-2.19e-03	-2.55e-04
1583	8	-1.03e-03	0.03	-0.30	2.48e-03	-2.26e-03	-2.57e-04
1583	31	-8.80e-04	0.02	-0.21	1.72e-03	-1.62e-03	-1.86e-04
1583	32	-7.07e-04	0.03	-0.22	1.91e-03	-1.67e-03	-1.88e-04
1583	37	-5.29e-04	0.02	-0.19	1.81e-03	-1.44e-03	-1.56e-04
1584	7	-4.68e-03	0.02	-0.18	2.28e-03	-2.36e-03	-2.68e-04
1584	8	-4.53e-03	0.02	-0.18	2.55e-03	-2.44e-03	-2.71e-04
1584	31	-3.39e-03	0.01	-0.13	1.78e-03	-1.75e-03	-1.96e-04
1584	32	-3.30e-03	0.01	-0.13	1.95e-03	-1.80e-03	-1.98e-04
1584	37	-2.77e-03	0.01	-0.12	1.83e-03	-1.55e-03	-1.66e-04
1585	7	-8.11e-03	2.12e-03	-0.07	2.10e-03	-2.04e-03	-1.69e-04
1585	8	-8.07e-03	2.50e-03	-0.07	2.32e-03	-2.10e-03	-1.63e-04

1585	22	-7.24e-03	2.77e-03	-0.07	2.56e-03	-1.99e-03	-1.30e-04
1585	31	-5.94e-03	1.59e-03	-0.05	1.62e-03	-1.51e-03	-1.20e-04
1585	32	-5.91e-03	1.84e-03	-0.05	1.77e-03	-1.55e-03	-1.16e-04
1585	36	-5.35e-03	2.02e-03	-0.05	1.93e-03	-1.48e-03	-9.42e-05
1585	37	-5.00e-03	1.46e-03	-0.04	1.64e-03	-1.32e-03	-8.95e-05
1586	7	-7.09e-03	5.71e-03	-0.09	2.06e-03	-1.95e-03	-1.85e-04
1586	21	-5.15e-03	8.71e-03	-0.10	2.53e-03	-1.84e-03	-1.45e-04
1586	22	-5.83e-03	8.43e-03	-0.10	2.51e-03	-1.95e-03	-1.62e-04
1586	31	-5.12e-03	4.54e-03	-0.07	1.59e-03	-1.45e-03	-1.34e-04
1586	35	-3.83e-03	6.53e-03	-0.08	1.90e-03	-1.38e-03	-1.08e-04
1586	36	-4.28e-03	6.34e-03	-0.08	1.89e-03	-1.45e-03	-1.19e-04
1586	37	-4.10e-03	4.97e-03	-0.07	1.61e-03	-1.29e-03	-1.09e-04
1587	7	-4.60e-03	0.02	-0.16	2.39e-03	-2.17e-03	-2.51e-04
1587	21	-2.23e-03	0.02	-0.20	2.95e-03	-2.11e-03	-2.31e-04
1587	31	-3.21e-03	0.01	-0.13	1.85e-03	-1.62e-03	-1.86e-04
1587	35	-1.63e-03	0.02	-0.15	2.22e-03	-1.58e-03	-1.72e-04
1587	37	-2.21e-03	0.01	-0.13	1.88e-03	-1.46e-03	-1.63e-04
1588	21	2.35e-03	0.04	-0.35	3.20e-03	-2.27e-03	-2.25e-04
1588	22	1.74e-03	0.04	-0.35	3.17e-03	-2.37e-03	-2.41e-04
1588	23	2.53e-03	0.04	-0.28	2.61e-03	-1.73e-03	-1.67e-04
1588	35	1.81e-03	0.03	-0.26	2.41e-03	-1.70e-03	-1.68e-04
1588	36	1.40e-03	0.03	-0.27	2.39e-03	-1.77e-03	-1.79e-04
1588	37	8.03e-04	0.03	-0.23	2.03e-03	-1.56e-03	-1.60e-04
1589	21	5.45e-03	0.06	-0.46	3.22e-03	-2.24e-03	-2.24e-04
1589	22	4.96e-03	0.06	-0.47	3.17e-03	-2.33e-03	-2.40e-04
1589	35	4.13e-03	0.04	-0.35	2.42e-03	-1.67e-03	-1.67e-04
1589	36	3.80e-03	0.04	-0.35	2.40e-03	-1.74e-03	-1.77e-04
1589	37	2.92e-03	0.04	-0.31	2.03e-03	-1.53e-03	-1.59e-04
1590	21	8.38e-03	0.07	-0.57	3.18e-03	-1.98e-03	-1.85e-04
1590	22	8.01e-03	0.07	-0.58	3.13e-03	-2.07e-03	-1.99e-04
1590	35	6.33e-03	0.06	-0.43	2.40e-03	-1.48e-03	-1.38e-04
1590	36	6.08e-03	0.06	-0.43	2.37e-03	-1.54e-03	-1.47e-04
1590	37	4.92e-03	0.05	-0.38	2.00e-03	-1.32e-03	-1.32e-04
1591	21	0.01	0.09	-0.66	3.15e-03	-1.54e-03	-1.33e-04
1591	22	0.01	0.09	-0.67	3.08e-03	-1.61e-03	-1.47e-04
1591	35	8.20e-03	0.06	-0.50	2.38e-03	-1.15e-03	-9.85e-05
1591	36	8.01e-03	0.07	-0.50	2.33e-03	-1.20e-03	-1.08e-04
1591	37	6.62e-03	0.06	-0.44	1.97e-03	-1.06e-03	-9.83e-05
1592	21	0.01	0.10	-0.73	3.13e-03	-9.60e-04	-4.57e-05
1592	22	0.01	0.10	-0.74	3.05e-03	-1.00e-03	-5.48e-05
1592	35	9.58e-03	0.07	-0.55	2.36e-03	-7.18e-04	-3.35e-05
1592	36	9.44e-03	0.07	-0.56	2.31e-03	-7.48e-04	-3.96e-05
1592	37	7.87e-03	0.06	-0.48	1.95e-03	-6.61e-04	-3.78e-05
1593	21	0.01	0.10	-0.76	3.13e-03	-2.93e-04	5.37e-05
1593	22	0.01	0.10	-0.78	3.05e-03	-3.07e-04	4.94e-05
1593	35	0.01	0.08	-0.57	2.36e-03	-2.19e-04	4.08e-05
1593	36	0.01	0.08	-0.58	2.31e-03	-2.29e-04	3.80e-05
1593	37	8.58e-03	0.07	-0.51	1.94e-03	-2.03e-04	3.07e-05
1594	21	0.01	0.10	-0.77	3.15e-03	4.11e-04	1.57e-04
1594	22	0.01	0.10	-0.79	3.07e-03	4.27e-04	1.57e-04
1594	35	0.01	0.08	-0.58	2.38e-03	3.07e-04	1.18e-04
1594	36	0.01	0.08	-0.59	2.33e-03	3.18e-04	1.18e-04
1594	37	8.69e-03	0.07	-0.51	1.96e-03	2.80e-04	1.01e-04
1595	21	0.01	0.10	-0.75	3.21e-03	1.10e-03	2.59e-04
1595	22	0.01	0.10	-0.76	3.12e-03	1.14e-03	2.64e-04
1595	35	9.98e-03	0.07	-0.56	2.42e-03	8.20e-04	1.94e-04
1595	36	9.82e-03	0.08	-0.57	2.37e-03	8.51e-04	1.98e-04
1595	37	8.19e-03	0.07	-0.50	1.99e-03	7.50e-04	1.71e-04
1596	21	0.01	0.09	-0.69	3.30e-03	1.71e-03	3.41e-04
1596	22	0.01	0.09	-0.70	3.22e-03	1.78e-03	3.50e-04
1596	35	8.83e-03	0.07	-0.52	2.49e-03	1.28e-03	2.56e-04
1596	36	8.62e-03	0.07	-0.53	2.44e-03	1.33e-03	2.62e-04
1596	37	7.12e-03	0.06	-0.46	2.05e-03	1.17e-03	2.28e-04
1597	21	9.49e-03	0.08	-0.61	3.42e-03	2.20e-03	4.35e-04
1597	22	9.05e-03	0.08	-0.62	3.35e-03	2.29e-03	4.47e-04
1597	35	7.17e-03	0.06	-0.46	2.58e-03	1.65e-03	3.26e-04
1597	36	6.88e-03	0.06	-0.47	2.53e-03	1.71e-03	3.34e-04
1597	37	5.58e-03	0.05	-0.40	2.14e-03	1.51e-03	2.92e-04
1598	21	6.75e-03	0.07	-0.51	3.58e-03	2.51e-03	4.80e-04
1598	22	6.18e-03	0.07	-0.52	3.51e-03	2.62e-03	4.94e-04
1598	35	5.12e-03	0.05	-0.39	2.70e-03	1.88e-03	3.60e-04
1598	36	4.74e-03	0.05	-0.39	2.66e-03	1.95e-03	3.69e-04
1598	37	3.68e-03	0.04	-0.34	2.25e-03	1.72e-03	3.23e-04
1599	21	3.77e-03	0.05	-0.41	3.75e-03	2.63e-03	4.99e-04
1599	35	2.89e-03	0.04	-0.31	2.83e-03	1.97e-03	3.74e-04
1599	37	1.62e-03	0.03	-0.26	2.36e-03	1.80e-03	3.36e-04
1600	7	-1.92e-03	0.03	-0.24	2.82e-03	2.76e-03	4.62e-04

1600	21	7.76e-04	0.04	-0.29	3.63e-03	2.75e-03	4.83e-04
1600	31	-1.17e-03	0.02	-0.18	2.20e-03	2.06e-03	3.48e-04
1600	35	6.29e-04	0.03	-0.21	2.74e-03	2.06e-03	3.62e-04
1600	37	-2.18e-04	0.02	-0.18	2.29e-03	1.88e-03	3.26e-04
1601	22	1.80e-03	0.04	-0.34	3.49e-03	2.84e-03	4.88e-04
1601	23	2.47e-03	0.04	-0.27	2.93e-03	2.08e-03	3.68e-04
1601	35	1.81e-03	0.03	-0.26	2.68e-03	2.04e-03	3.55e-04
1601	36	1.44e-03	0.03	-0.26	2.64e-03	2.12e-03	3.65e-04
1601	37	8.72e-04	0.03	-0.22	2.23e-03	1.87e-03	3.19e-04
1602	21	3.91e-03	0.05	-0.40	3.46e-03	2.64e-03	4.73e-04
1602	22	3.43e-03	0.05	-0.40	3.39e-03	2.75e-03	4.88e-04
1602	35	2.97e-03	0.04	-0.30	2.61e-03	1.97e-03	3.55e-04
1602	36	2.66e-03	0.04	-0.30	2.57e-03	2.05e-03	3.64e-04
1602	37	1.95e-03	0.03	-0.26	2.17e-03	1.81e-03	3.19e-04
1603	21	5.40e-03	0.06	-0.45	3.38e-03	2.50e-03	4.34e-04
1603	22	4.99e-03	0.06	-0.46	3.30e-03	2.61e-03	4.47e-04
1603	35	4.08e-03	0.04	-0.34	2.55e-03	1.87e-03	3.26e-04
1603	36	3.81e-03	0.04	-0.34	2.50e-03	1.94e-03	3.34e-04
1603	37	2.97e-03	0.04	-0.30	2.11e-03	1.71e-03	2.92e-04
1604	21	6.77e-03	0.07	-0.50	3.30e-03	2.30e-03	4.10e-04
1604	22	6.43e-03	0.07	-0.51	3.22e-03	2.40e-03	4.21e-04
1604	35	5.11e-03	0.05	-0.38	2.49e-03	1.72e-03	3.07e-04
1604	36	4.89e-03	0.05	-0.38	2.44e-03	1.79e-03	3.15e-04
1604	37	3.92e-03	0.04	-0.33	2.06e-03	1.58e-03	2.75e-04
1605	21	8.00e-03	0.07	-0.55	3.23e-03	2.06e-03	3.83e-04
1605	22	7.73e-03	0.07	-0.56	3.15e-03	2.15e-03	3.94e-04
1605	35	6.03e-03	0.05	-0.41	2.44e-03	1.54e-03	2.87e-04
1605	36	5.85e-03	0.05	-0.42	2.39e-03	1.60e-03	2.94e-04
1605	37	4.77e-03	0.05	-0.36	2.01e-03	1.41e-03	2.57e-04
1606	21	9.07e-03	0.08	-0.58	3.17e-03	1.79e-03	3.31e-04
1606	22	8.85e-03	0.08	-0.60	3.08e-03	1.86e-03	3.39e-04
1606	35	6.83e-03	0.06	-0.44	2.40e-03	1.34e-03	2.48e-04
1606	36	6.69e-03	0.06	-0.45	2.34e-03	1.39e-03	2.53e-04
1606	37	5.51e-03	0.05	-0.39	1.97e-03	1.22e-03	2.21e-04
1607	21	9.95e-03	0.08	-0.62	3.12e-03	1.48e-03	2.92e-04
1607	22	9.78e-03	0.08	-0.63	3.03e-03	1.54e-03	2.99e-04
1607	35	7.49e-03	0.06	-0.46	2.36e-03	1.11e-03	2.19e-04
1607	36	7.37e-03	0.06	-0.47	2.30e-03	1.15e-03	2.24e-04
1607	37	6.12e-03	0.05	-0.41	1.93e-03	1.01e-03	1.94e-04
1608	21	0.01	0.08	-0.64	3.08e-03	1.15e-03	2.47e-04
1608	22	0.01	0.09	-0.66	2.99e-03	1.19e-03	2.51e-04
1608	35	7.99e-03	0.06	-0.48	2.33e-03	8.57e-04	1.85e-04
1608	36	7.90e-03	0.06	-0.49	2.27e-03	8.89e-04	1.88e-04
1608	37	6.59e-03	0.06	-0.43	1.90e-03	7.82e-04	1.63e-04
1609	21	0.01	0.09	-0.66	3.05e-03	7.96e-04	1.91e-04
1609	22	0.01	0.09	-0.68	2.96e-03	8.27e-04	1.93e-04
1609	35	8.33e-03	0.06	-0.49	2.30e-03	5.96e-04	1.44e-04
1609	36	8.26e-03	0.07	-0.51	2.24e-03	6.17e-04	1.45e-04
1609	37	6.91e-03	0.06	-0.44	1.88e-03	5.42e-04	1.25e-04
1610	21	0.01	0.09	-0.67	3.02e-03	4.34e-04	1.49e-04
1610	22	0.01	0.09	-0.69	2.93e-03	4.49e-04	1.49e-04
1610	35	8.51e-03	0.07	-0.50	2.29e-03	3.25e-04	1.12e-04
1610	36	8.45e-03	0.07	-0.51	2.22e-03	3.35e-04	1.12e-04
1610	37	7.08e-03	0.06	-0.45	1.87e-03	2.93e-04	9.57e-05
1611	21	0.01	0.09	-0.67	3.01e-03	7.03e-05	9.52e-05
1611	22	0.01	0.09	-0.69	2.92e-03	6.79e-05	9.27e-05
1611	35	8.51e-03	0.07	-0.50	2.27e-03	5.31e-05	7.19e-05
1611	36	8.45e-03	0.07	-0.52	2.21e-03	5.15e-05	7.02e-05
1611	37	7.08e-03	0.06	-0.45	1.86e-03	4.31e-05	5.92e-05
1612	21	0.01	0.09	-0.66	3.00e-03	-2.90e-04	3.98e-05
1612	22	0.01	0.09	-0.68	2.91e-03	-3.09e-04	3.43e-05
1612	35	8.34e-03	0.06	-0.50	2.27e-03	-2.17e-04	3.05e-05
1612	36	8.28e-03	0.07	-0.51	2.21e-03	-2.29e-04	2.69e-05
1612	37	6.93e-03	0.06	-0.45	1.86e-03	-2.05e-04	2.07e-05
1613	21	0.01	0.08	-0.65	3.00e-03	-6.42e-04	-5.69e-06
1613	22	0.01	0.09	-0.67	2.92e-03	-6.77e-04	-1.33e-05
1613	35	8.00e-03	0.06	-0.49	2.27e-03	-4.80e-04	-3.52e-06
1613	36	7.93e-03	0.06	-0.50	2.21e-03	-5.03e-04	-8.57e-06
1613	37	6.62e-03	0.06	-0.44	1.86e-03	-4.47e-04	-1.06e-05
1614	21	9.96e-03	0.08	-0.63	3.01e-03	-9.77e-04	-4.89e-05
1614	22	9.83e-03	0.08	-0.64	2.93e-03	-1.03e-03	-5.75e-05
1614	35	7.49e-03	0.06	-0.47	2.27e-03	-7.31e-04	-3.59e-05
1614	36	7.41e-03	0.06	-0.48	2.22e-03	-7.65e-04	-4.17e-05
1614	37	6.16e-03	0.05	-0.42	1.87e-03	-6.78e-04	-3.95e-05
1615	21	9.09e-03	0.08	-0.60	3.02e-03	-1.29e-03	-1.02e-04
1615	22	8.92e-03	0.08	-0.61	2.95e-03	-1.35e-03	-1.14e-04
1615	35	6.84e-03	0.06	-0.45	2.28e-03	-9.62e-04	-7.58e-05

1615	36	6.73e-03	0.06	-0.46	2.23e-03	-1.01e-03	-8.39e-05
1615	37	5.56e-03	0.05	-0.40	1.88e-03	-8.91e-04	-7.72e-05
1616	21	8.02e-03	0.07	-0.56	3.04e-03	-1.57e-03	-1.35e-04
1616	22	7.81e-03	0.07	-0.57	2.97e-03	-1.65e-03	-1.48e-04
1616	35	6.04e-03	0.05	-0.42	2.29e-03	-1.17e-03	-9.99e-05
1616	36	5.90e-03	0.06	-0.43	2.25e-03	-1.23e-03	-1.09e-04
1616	37	4.83e-03	0.05	-0.37	1.90e-03	-1.09e-03	-9.90e-05
1617	21	6.79e-03	0.07	-0.52	3.06e-03	-1.81e-03	-1.66e-04
1617	22	6.52e-03	0.07	-0.53	2.99e-03	-1.90e-03	-1.80e-04
1617	35	5.12e-03	0.05	-0.39	2.31e-03	-1.36e-03	-1.24e-04
1617	36	4.94e-03	0.05	-0.40	2.27e-03	-1.42e-03	-1.33e-04
1617	37	3.99e-03	0.04	-0.35	1.91e-03	-1.25e-03	-1.20e-04
1618	21	5.42e-03	0.06	-0.47	3.08e-03	-2.01e-03	-2.02e-04
1618	22	5.09e-03	0.06	-0.48	3.02e-03	-2.11e-03	-2.18e-04
1618	35	4.09e-03	0.04	-0.35	2.32e-03	-1.50e-03	-1.50e-04
1618	36	3.87e-03	0.05	-0.36	2.28e-03	-1.57e-03	-1.61e-04
1618	37	3.04e-03	0.04	-0.31	1.93e-03	-1.39e-03	-1.45e-04
1619	21	3.93e-03	0.05	-0.42	3.09e-03	-2.16e-03	-2.16e-04
1619	22	3.54e-03	0.05	-0.42	3.04e-03	-2.27e-03	-2.32e-04
1619	35	2.98e-03	0.04	-0.31	2.33e-03	-1.61e-03	-1.61e-04
1619	36	2.72e-03	0.04	-0.32	2.30e-03	-1.69e-03	-1.71e-04
1619	37	2.03e-03	0.03	-0.28	1.95e-03	-1.49e-03	-1.54e-04
1620	22	1.92e-03	0.04	-0.37	3.06e-03	-2.36e-03	-2.44e-04
1620	23	2.41e-03	0.04	-0.28	2.54e-03	-1.71e-03	-1.69e-04
1620	35	1.82e-03	0.03	-0.27	2.34e-03	-1.68e-03	-1.70e-04
1620	36	1.51e-03	0.03	-0.28	2.31e-03	-1.75e-03	-1.81e-04
1620	37	9.62e-04	0.03	-0.24	1.96e-03	-1.55e-03	-1.62e-04
1621	7	-1.55e-03	0.03	-0.27	2.47e-03	-2.33e-03	-2.59e-04
1621	22	2.73e-04	0.04	-0.31	3.06e-03	-2.38e-03	-2.48e-04
1621	31	-9.27e-04	0.02	-0.21	1.91e-03	-1.73e-03	-1.91e-04
1621	36	2.86e-04	0.03	-0.23	2.31e-03	-1.77e-03	-1.84e-04
1621	37	-1.21e-04	0.02	-0.20	1.96e-03	-1.57e-03	-1.65e-04
1622	7	-3.10e-03	0.02	-0.22	2.45e-03	-2.27e-03	-2.55e-04
1622	21	-7.41e-04	0.03	-0.25	3.05e-03	-2.21e-03	-2.32e-04
1622	22	-1.34e-03	0.03	-0.25	3.02e-03	-2.32e-03	-2.48e-04
1622	31	-2.09e-03	0.02	-0.17	1.90e-03	-1.69e-03	-1.89e-04
1622	35	-5.17e-04	0.02	-0.19	2.30e-03	-1.65e-03	-1.73e-04
1622	36	-9.18e-04	0.02	-0.19	2.28e-03	-1.73e-03	-1.84e-04
1622	37	-1.18e-03	0.02	-0.16	1.94e-03	-1.53e-03	-1.65e-04
1623	7	-3.85e-03	0.02	-0.15	2.55e-03	2.82e-03	4.78e-04
1623	22	-2.49e-03	0.02	-0.17	3.25e-03	2.91e-03	5.16e-04
1623	31	-2.70e-03	0.01	-0.11	1.99e-03	2.10e-03	3.60e-04
1623	36	-1.79e-03	0.02	-0.13	2.45e-03	2.17e-03	3.85e-04
1623	37	-1.88e-03	0.01	-0.11	2.08e-03	1.91e-03	3.37e-04
1624	7	-2.21e-03	0.03	-0.21	2.55e-03	2.84e-03	4.71e-04
1624	22	-8.06e-04	0.03	-0.23	3.27e-03	2.93e-03	5.02e-04
1624	31	-1.48e-03	0.02	-0.16	1.99e-03	2.12e-03	3.54e-04
1624	36	-5.37e-04	0.02	-0.17	2.47e-03	2.19e-03	3.75e-04
1624	37	-7.77e-04	0.02	-0.15	2.09e-03	1.93e-03	3.28e-04
1625	22	8.78e-04	0.04	-0.29	3.22e-03	2.86e-03	4.97e-04
1625	23	1.42e-03	0.03	-0.22	2.73e-03	2.09e-03	3.72e-04
1625	35	9.70e-04	0.03	-0.21	2.49e-03	2.05e-03	3.60e-04
1625	36	7.16e-04	0.03	-0.22	2.44e-03	2.13e-03	3.71e-04
1625	37	3.32e-04	0.02	-0.19	2.06e-03	1.88e-03	3.25e-04
1626	21	2.79e-03	0.04	-0.34	3.24e-03	2.60e-03	4.39e-04
1626	22	2.48e-03	0.04	-0.35	3.16e-03	2.72e-03	4.52e-04
1626	35	2.11e-03	0.03	-0.26	2.44e-03	1.94e-03	3.29e-04
1626	36	1.91e-03	0.03	-0.26	2.39e-03	2.02e-03	3.38e-04
1626	37	1.39e-03	0.03	-0.23	2.02e-03	1.78e-03	2.95e-04
1627	21	4.20e-03	0.05	-0.39	3.17e-03	2.40e-03	4.31e-04
1627	22	3.96e-03	0.05	-0.41	3.08e-03	2.50e-03	4.45e-04
1627	35	3.16e-03	0.04	-0.29	2.39e-03	1.79e-03	3.23e-04
1627	36	3.01e-03	0.04	-0.30	2.34e-03	1.86e-03	3.32e-04
1627	37	2.36e-03	0.03	-0.27	1.97e-03	1.64e-03	2.91e-04
1628	21	5.46e-03	0.06	-0.44	3.10e-03	2.15e-03	3.86e-04
1628	22	5.29e-03	0.06	-0.46	3.01e-03	2.24e-03	3.97e-04
1628	35	4.11e-03	0.04	-0.33	2.35e-03	1.61e-03	2.90e-04
1628	36	4.00e-03	0.04	-0.34	2.28e-03	1.67e-03	2.97e-04
1628	37	3.24e-03	0.04	-0.30	1.92e-03	1.47e-03	2.59e-04
1629	21	6.55e-03	0.06	-0.48	3.04e-03	1.86e-03	3.41e-04
1629	22	6.44e-03	0.06	-0.50	2.95e-03	1.94e-03	3.50e-04
1629	35	4.92e-03	0.05	-0.36	2.30e-03	1.39e-03	2.56e-04
1629	36	4.85e-03	0.05	-0.37	2.24e-03	1.45e-03	2.62e-04
1629	37	3.99e-03	0.04	-0.33	1.88e-03	1.27e-03	2.28e-04
1630	21	7.44e-03	0.07	-0.52	2.99e-03	1.54e-03	3.02e-04
1630	22	7.38e-03	0.07	-0.54	2.89e-03	1.60e-03	3.09e-04
1630	35	5.59e-03	0.05	-0.39	2.26e-03	1.15e-03	2.27e-04

1630	36	5.55e-03	0.05	-0.40	2.20e-03	1.19e-03	2.31e-04
1630	37	4.61e-03	0.04	-0.35	1.84e-03	1.05e-03	2.01e-04
1631	21	8.12e-03	0.07	-0.54	2.95e-03	1.19e-03	2.49e-04
1631	22	8.10e-03	0.07	-0.56	2.85e-03	1.24e-03	2.53e-04
1631	35	6.10e-03	0.05	-0.41	2.23e-03	8.93e-04	1.87e-04
1631	36	6.08e-03	0.05	-0.42	2.16e-03	9.25e-04	1.89e-04
1631	37	5.08e-03	0.05	-0.37	1.81e-03	8.13e-04	1.64e-04
1632	21	8.58e-03	0.07	-0.56	2.92e-03	8.30e-04	1.91e-04
1632	22	8.58e-03	0.08	-0.58	2.82e-03	8.60e-04	1.92e-04
1632	35	6.44e-03	0.05	-0.42	2.20e-03	6.21e-04	1.44e-04
1632	36	6.44e-03	0.06	-0.43	2.14e-03	6.42e-04	1.45e-04
1632	37	5.39e-03	0.05	-0.38	1.79e-03	5.63e-04	1.25e-04
1633	22	8.81e-03	0.08	-0.59	2.79e-03	4.68e-04	1.42e-04
1633	36	6.61e-03	0.06	-0.44	2.12e-03	3.50e-04	1.07e-04
1633	37	5.55e-03	0.05	-0.39	1.78e-03	3.05e-04	9.15e-05
1634	8	8.01e-03	0.08	-0.60	2.35e-03	5.53e-05	7.01e-05
1634	22	8.79e-03	0.08	-0.60	2.78e-03	7.30e-05	8.40e-05
1634	32	6.08e-03	0.06	-0.44	1.83e-03	4.42e-05	5.46e-05
1634	36	6.60e-03	0.06	-0.44	2.11e-03	5.61e-05	6.39e-05
1634	37	5.53e-03	0.05	-0.39	1.77e-03	4.58e-05	5.33e-05
1635	8	7.75e-03	0.08	-0.59	2.36e-03	-3.43e-04	2.15e-05
1635	22	8.52e-03	0.08	-0.59	2.78e-03	-3.19e-04	3.59e-05
1635	32	5.88e-03	0.06	-0.44	1.83e-03	-2.52e-04	1.85e-05
1635	36	6.40e-03	0.06	-0.44	2.11e-03	-2.35e-04	2.80e-05
1635	37	5.36e-03	0.05	-0.39	1.77e-03	-2.12e-04	2.17e-05
1636	8	7.23e-03	0.07	-0.57	2.37e-03	-7.27e-04	-4.08e-05
1636	21	8.03e-03	0.07	-0.55	2.88e-03	-6.56e-04	-1.55e-05
1636	22	8.01e-03	0.07	-0.57	2.79e-03	-6.97e-04	-2.43e-05
1636	32	5.49e-03	0.05	-0.43	1.84e-03	-5.37e-04	-2.76e-05
1636	35	6.02e-03	0.05	-0.41	2.18e-03	-4.89e-04	-1.08e-05
1636	36	6.01e-03	0.05	-0.43	2.12e-03	-5.17e-04	-1.66e-05
1636	37	5.02e-03	0.05	-0.38	1.77e-03	-4.61e-04	-1.80e-05
1637	8	6.47e-03	0.07	-0.55	2.40e-03	-1.09e-03	-8.87e-05
1637	21	7.31e-03	0.07	-0.53	2.89e-03	-1.00e-03	-6.24e-05
1637	22	7.26e-03	0.07	-0.55	2.80e-03	-1.06e-03	-7.28e-05
1637	32	4.93e-03	0.05	-0.41	1.86e-03	-8.10e-04	-6.35e-05
1637	35	5.49e-03	0.05	-0.40	2.18e-03	-7.46e-04	-4.59e-05
1637	36	5.45e-03	0.05	-0.41	2.13e-03	-7.85e-04	-5.29e-05
1637	37	4.52e-03	0.05	-0.36	1.79e-03	-6.98e-04	-4.98e-05
1638	21	6.38e-03	0.06	-0.50	2.91e-03	-1.32e-03	-9.80e-05
1638	22	6.29e-03	0.07	-0.52	2.83e-03	-1.39e-03	-1.09e-04
1638	35	4.79e-03	0.05	-0.37	2.20e-03	-9.85e-04	-7.27e-05
1638	36	4.73e-03	0.05	-0.39	2.14e-03	-1.03e-03	-8.00e-05
1638	37	3.88e-03	0.04	-0.34	1.80e-03	-9.19e-04	-7.33e-05
1639	21	5.26e-03	0.06	-0.46	2.93e-03	-1.60e-03	-1.51e-04
1639	22	5.11e-03	0.06	-0.48	2.85e-03	-1.69e-03	-1.66e-04
1639	35	3.96e-03	0.04	-0.34	2.21e-03	-1.20e-03	-1.12e-04
1639	36	3.86e-03	0.04	-0.36	2.16e-03	-1.26e-03	-1.22e-04
1639	37	3.11e-03	0.04	-0.31	1.82e-03	-1.11e-03	-1.12e-04
1640	21	3.97e-03	0.05	-0.42	2.95e-03	-1.85e-03	-1.77e-04
1640	22	3.76e-03	0.05	-0.43	2.88e-03	-1.95e-03	-1.92e-04
1640	35	2.99e-03	0.04	-0.31	2.23e-03	-1.38e-03	-1.32e-04
1640	36	2.85e-03	0.04	-0.32	2.18e-03	-1.45e-03	-1.42e-04
1640	37	2.22e-03	0.03	-0.28	1.84e-03	-1.28e-03	-1.28e-04
1641	21	2.54e-03	0.05	-0.37	2.97e-03	-2.04e-03	-2.03e-04
1641	22	2.26e-03	0.05	-0.38	2.91e-03	-2.15e-03	-2.21e-04
1641	35	1.92e-03	0.03	-0.28	2.24e-03	-1.53e-03	-1.51e-04
1641	36	1.74e-03	0.03	-0.28	2.20e-03	-1.60e-03	-1.63e-04
1641	37	1.23e-03	0.03	-0.25	1.86e-03	-1.42e-03	-1.48e-04
1642	22	6.50e-04	0.04	-0.33	2.93e-03	-2.30e-03	-2.39e-04
1642	23	1.20e-03	0.03	-0.24	2.45e-03	-1.64e-03	-1.63e-04
1642	35	7.76e-04	0.03	-0.24	2.24e-03	-1.63e-03	-1.65e-04
1642	36	5.36e-04	0.03	-0.24	2.21e-03	-1.71e-03	-1.77e-04
1642	37	1.69e-04	0.03	-0.21	1.87e-03	-1.51e-03	-1.59e-04
1643	7	-2.37e-03	0.03	-0.25	2.34e-03	-2.35e-03	-2.67e-04
1643	22	-1.03e-03	0.03	-0.27	2.93e-03	-2.36e-03	-2.50e-04
1643	31	-1.60e-03	0.02	-0.19	1.82e-03	-1.74e-03	-1.96e-04
1643	36	-7.14e-04	0.02	-0.20	2.21e-03	-1.76e-03	-1.85e-04
1643	37	-9.39e-04	0.02	-0.18	1.88e-03	-1.56e-03	-1.67e-04
1644	7	-4.03e-03	0.02	-0.19	2.33e-03	-2.33e-03	-2.61e-04
1644	22	-2.72e-03	0.02	-0.21	2.89e-03	-2.34e-03	-2.46e-04
1644	31	-2.84e-03	0.02	-0.15	1.81e-03	-1.73e-03	-1.92e-04
1644	36	-1.97e-03	0.02	-0.16	2.18e-03	-1.74e-03	-1.82e-04
1644	37	-2.05e-03	0.01	-0.14	1.85e-03	-1.55e-03	-1.64e-04
1645	7	-5.59e-03	0.01	-0.14	2.27e-03	-2.19e-03	-2.64e-04
1645	22	-4.32e-03	0.02	-0.15	2.78e-03	-2.19e-03	-2.58e-04
1645	31	-4.01e-03	9.56e-03	-0.10	1.75e-03	-1.63e-03	-1.95e-04

1645	36	-3.16e-03	0.01	-0.12	2.09e-03	-1.63e-03	-1.92e-04
1645	37	-3.11e-03	9.50e-03	-0.10	1.78e-03	-1.45e-03	-1.71e-04
1646	8	-0.02	0.04	-0.07	7.00e-04	2.73e-03	3.80e-04
1646	21	-0.02	0.04	-0.15	1.32e-03	2.64e-03	3.66e-04
1646	32	-0.01	0.03	-0.06	5.93e-04	2.04e-03	2.84e-04
1646	35	-0.01	0.03	-0.12	1.01e-03	1.98e-03	2.74e-04
1646	37	-0.01	0.03	-0.08	6.73e-04	1.80e-03	2.50e-04
1647	8	-0.02	0.03	-0.20	1.49e-03	-2.32e-03	-3.32e-04
1647	21	-0.02	0.04	-0.27	2.04e-03	-2.24e-03	-3.23e-04
1647	32	-0.01	0.02	-0.16	1.18e-03	-1.73e-03	-2.48e-04
1647	35	-0.01	0.03	-0.20	1.54e-03	-1.68e-03	-2.42e-04
1647	37	-0.01	0.02	-0.16	1.19e-03	-1.52e-03	-2.19e-04
1648	8	-0.02	0.05	-0.20	7.01e-04	2.69e-03	3.75e-04
1648	21	-0.02	0.06	-0.27	1.33e-03	2.61e-03	3.61e-04
1648	32	-0.02	0.04	-0.16	5.95e-04	2.01e-03	2.80e-04
1648	35	-0.01	0.04	-0.21	1.01e-03	1.95e-03	2.70e-04
1648	37	-0.01	0.04	-0.16	6.75e-04	1.78e-03	2.47e-04
1649	8	-0.02	0.07	-0.32	7.19e-04	2.51e-03	3.51e-04
1649	21	-0.02	0.07	-0.39	1.35e-03	2.43e-03	3.39e-04
1649	22	-0.02	0.07	-0.38	1.18e-03	2.52e-03	3.52e-04
1649	32	-0.02	0.05	-0.25	6.09e-04	1.87e-03	2.62e-04
1649	35	-0.01	0.05	-0.29	1.03e-03	1.82e-03	2.54e-04
1649	36	-0.01	0.05	-0.28	9.17e-04	1.88e-03	2.62e-04
1649	37	-0.01	0.05	-0.24	6.89e-04	1.65e-03	2.31e-04
1650	8	-0.02	0.08	-0.42	7.62e-04	2.13e-03	2.97e-04
1650	21	-0.02	0.08	-0.49	1.39e-03	2.08e-03	2.86e-04
1650	22	-0.02	0.08	-0.48	1.23e-03	2.15e-03	2.97e-04
1650	32	-0.02	0.06	-0.33	6.41e-04	1.59e-03	2.21e-04
1650	35	-0.01	0.06	-0.37	1.06e-03	1.55e-03	2.14e-04
1650	36	-0.01	0.06	-0.36	9.51e-04	1.60e-03	2.22e-04
1650	37	-0.01	0.05	-0.31	7.19e-04	1.41e-03	1.95e-04
1651	8	-0.02	0.09	-0.51	8.26e-04	1.60e-03	2.22e-04
1651	21	-0.02	0.09	-0.57	1.46e-03	1.56e-03	2.13e-04
1651	22	-0.02	0.09	-0.57	1.29e-03	1.61e-03	2.22e-04
1651	32	-0.02	0.07	-0.39	6.89e-04	1.20e-03	1.65e-04
1651	35	-0.01	0.07	-0.43	1.11e-03	1.17e-03	1.60e-04
1651	36	-0.01	0.07	-0.43	1.00e-03	1.21e-03	1.65e-04
1651	37	-0.01	0.06	-0.36	7.63e-04	1.06e-03	1.46e-04
1652	8	-0.02	0.09	-0.57	9.05e-04	9.56e-04	1.31e-04
1652	21	-0.02	0.10	-0.63	1.53e-03	9.36e-04	1.25e-04
1652	22	-0.02	0.10	-0.63	1.37e-03	9.67e-04	1.30e-04
1652	32	-0.02	0.07	-0.43	7.48e-04	7.15e-04	9.75e-05
1652	35	-0.01	0.08	-0.47	1.17e-03	7.02e-04	9.38e-05
1652	36	-0.01	0.08	-0.47	1.06e-03	7.22e-04	9.72e-05
1652	37	-0.01	0.07	-0.40	8.16e-04	6.35e-04	8.59e-05
1653	8	-0.02	0.10	-0.60	9.93e-04	2.54e-04	3.17e-05
1653	21	-0.02	0.10	-0.66	1.61e-03	2.55e-04	2.92e-05
1653	22	-0.02	0.10	-0.65	1.46e-03	2.61e-04	3.07e-05
1653	32	-0.02	0.07	-0.45	8.14e-04	1.91e-04	2.35e-05
1653	35	-0.01	0.08	-0.49	1.23e-03	1.91e-04	2.19e-05
1653	36	-0.01	0.08	-0.49	1.12e-03	1.95e-04	2.29e-05
1653	37	-0.01	0.07	-0.42	8.74e-04	1.72e-04	2.07e-05
1654	8	-0.02	0.09	-0.59	1.09e-03	-4.51e-04	-6.78e-05
1654	21	-0.02	0.10	-0.65	1.70e-03	-4.30e-04	-6.72e-05
1654	22	-0.02	0.10	-0.65	1.55e-03	-4.49e-04	-6.93e-05
1654	32	-0.02	0.07	-0.45	8.84e-04	-3.36e-04	-5.07e-05
1654	35	-0.01	0.07	-0.49	1.29e-03	-3.21e-04	-5.03e-05
1654	36	-0.01	0.08	-0.49	1.19e-03	-3.34e-04	-5.17e-05
1654	37	-0.01	0.06	-0.42	9.35e-04	-2.93e-04	-4.49e-05
1655	8	-0.02	0.09	-0.56	1.19e-03	-1.10e-03	-1.60e-04
1655	21	-0.02	0.09	-0.61	1.78e-03	-1.06e-03	-1.57e-04
1655	22	-0.02	0.09	-0.61	1.64e-03	-1.11e-03	-1.62e-04
1655	32	-0.02	0.07	-0.42	9.57e-04	-8.23e-04	-1.19e-04
1655	35	-0.01	0.07	-0.46	1.35e-03	-7.96e-04	-1.17e-04
1655	36	-0.01	0.07	-0.46	1.26e-03	-8.24e-04	-1.21e-04
1655	37	-0.01	0.06	-0.39	9.97e-04	-7.23e-04	-1.06e-04
1656	8	-0.02	0.08	-0.49	1.29e-03	-1.65e-03	-2.37e-04
1656	21	-0.02	0.08	-0.55	1.87e-03	-1.60e-03	-2.32e-04
1656	32	-0.02	0.06	-0.37	1.03e-03	-1.23e-03	-1.77e-04
1656	35	-0.01	0.06	-0.42	1.42e-03	-1.19e-03	-1.74e-04
1656	37	-0.01	0.05	-0.35	1.06e-03	-1.08e-03	-1.57e-04
1657	8	-0.02	0.06	-0.40	1.38e-03	-2.05e-03	-2.93e-04
1657	21	-0.02	0.07	-0.47	1.95e-03	-1.98e-03	-2.86e-04
1657	32	-0.01	0.05	-0.31	1.10e-03	-1.53e-03	-2.19e-04
1657	35	-0.01	0.05	-0.35	1.48e-03	-1.48e-03	-2.14e-04
1657	37	-0.01	0.04	-0.29	1.12e-03	-1.34e-03	-1.93e-04
1658	8	-0.02	0.05	-0.30	1.46e-03	-2.26e-03	-3.24e-04

1658	21	-0.02	0.05	-0.37	2.01e-03	-2.19e-03	-3.16e-04
1658	32	-0.01	0.04	-0.24	1.15e-03	-1.69e-03	-2.42e-04
1658	35	-0.01	0.04	-0.28	1.52e-03	-1.64e-03	-2.36e-04
1658	37	-0.01	0.03	-0.23	1.16e-03	-1.49e-03	-2.14e-04
1659	8	-0.02	0.04	-0.14	7.00e-04	2.72e-03	3.80e-04
1659	21	-0.02	0.05	-0.21	1.32e-03	2.64e-03	3.65e-04
1659	32	-0.02	0.03	-0.11	5.93e-04	2.03e-03	2.83e-04
1659	35	-0.01	0.04	-0.16	1.01e-03	1.98e-03	2.73e-04
1659	37	-0.01	0.03	-0.12	6.73e-04	1.80e-03	2.49e-04
1660	8	-0.02	0.06	-0.26	7.08e-04	2.62e-03	3.65e-04
1660	21	-0.02	0.07	-0.33	1.33e-03	2.54e-03	3.52e-04
1660	32	-0.02	0.05	-0.20	5.99e-04	1.96e-03	2.73e-04
1660	35	-0.01	0.05	-0.25	1.02e-03	1.90e-03	2.63e-04
1660	37	-0.01	0.04	-0.20	6.80e-04	1.73e-03	2.40e-04
1661	8	-0.02	0.07	-0.37	7.38e-04	2.34e-03	3.23e-04
1661	21	-0.02	0.08	-0.44	1.37e-03	2.28e-03	3.11e-04
1661	22	-0.02	0.08	-0.43	1.20e-03	2.36e-03	3.23e-04
1661	32	-0.02	0.06	-0.29	6.23e-04	1.75e-03	2.41e-04
1661	35	-0.01	0.06	-0.33	1.04e-03	1.71e-03	2.33e-04
1661	36	-0.01	0.06	-0.33	9.32e-04	1.76e-03	2.41e-04
1661	37	-0.01	0.05	-0.27	7.02e-04	1.55e-03	2.12e-04
1662	8	-0.02	0.08	-0.47	7.92e-04	1.89e-03	2.62e-04
1662	21	-0.02	0.09	-0.53	1.42e-03	1.83e-03	2.52e-04
1662	22	-0.02	0.09	-0.53	1.26e-03	1.90e-03	2.62e-04
1662	32	-0.02	0.06	-0.36	6.64e-04	1.41e-03	1.95e-04
1662	35	-0.01	0.07	-0.40	1.08e-03	1.37e-03	1.89e-04
1662	36	-0.01	0.07	-0.40	9.74e-04	1.42e-03	1.95e-04
1662	37	-0.01	0.06	-0.34	7.40e-04	1.25e-03	1.72e-04
1663	8	-0.02	0.09	-0.54	8.64e-04	1.29e-03	1.78e-04
1663	21	-0.02	0.10	-0.60	1.49e-03	1.26e-03	1.71e-04
1663	22	-0.02	0.10	-0.60	1.33e-03	1.30e-03	1.77e-04
1663	32	-0.02	0.07	-0.41	7.18e-04	9.64e-04	1.32e-04
1663	35	-0.01	0.07	-0.46	1.14e-03	9.43e-04	1.28e-04
1663	36	-0.01	0.07	-0.45	1.03e-03	9.72e-04	1.32e-04
1663	37	-0.01	0.06	-0.38	7.89e-04	8.55e-04	1.17e-04
1664	8	-0.02	0.10	-0.59	9.48e-04	6.09e-04	8.16e-05
1664	21	-0.02	0.10	-0.65	1.57e-03	5.99e-04	7.77e-05
1664	22	-0.02	0.10	-0.64	1.41e-03	6.18e-04	8.09e-05
1664	32	-0.02	0.07	-0.45	7.80e-04	4.56e-04	6.08e-05
1664	35	-0.01	0.08	-0.49	1.20e-03	4.49e-04	5.82e-05
1664	36	-0.01	0.08	-0.48	1.09e-03	4.62e-04	6.04e-05
1664	37	-0.01	0.07	-0.41	8.45e-04	4.06e-04	5.36e-05
1665	8	-0.02	0.10	-0.60	1.04e-03	-1.02e-04	-1.87e-05
1665	21	-0.02	0.10	-0.66	1.66e-03	-9.04e-05	-1.96e-05
1665	22	-0.02	0.10	-0.66	1.50e-03	-9.71e-05	-1.99e-05
1665	32	-0.02	0.07	-0.45	8.49e-04	-7.47e-05	-1.40e-05
1665	35	-0.01	0.08	-0.49	1.26e-03	-6.71e-05	-1.46e-05
1665	36	-0.01	0.08	-0.49	1.16e-03	-7.16e-05	-1.48e-05
1665	37	-0.01	0.07	-0.42	9.04e-04	-6.23e-05	-1.25e-05
1666	8	-0.02	0.09	-0.58	1.14e-03	-7.88e-04	-1.15e-04
1666	21	-0.02	0.10	-0.64	1.74e-03	-7.56e-04	-1.13e-04
1666	22	-0.02	0.10	-0.63	1.59e-03	-7.87e-04	-1.17e-04
1666	32	-0.02	0.07	-0.44	9.20e-04	-5.87e-04	-8.63e-05
1666	35	-0.01	0.07	-0.48	1.32e-03	-5.66e-04	-8.50e-05
1666	36	-0.01	0.07	-0.48	1.22e-03	-5.87e-04	-8.75e-05
1666	37	-0.01	0.06	-0.41	9.66e-04	-5.15e-04	-7.63e-05
1667	8	-0.02	0.08	-0.53	1.24e-03	-1.39e-03	-2.01e-04
1667	21	-0.02	0.09	-0.59	1.83e-03	-1.35e-03	-1.97e-04
1667	22	-0.02	0.09	-0.58	1.68e-03	-1.40e-03	-2.03e-04
1667	32	-0.02	0.06	-0.40	9.93e-04	-1.04e-03	-1.50e-04
1667	35	-0.01	0.07	-0.44	1.39e-03	-1.01e-03	-1.47e-04
1667	36	-0.01	0.07	-0.44	1.29e-03	-1.04e-03	-1.52e-04
1667	37	-0.01	0.06	-0.37	1.03e-03	-9.15e-04	-1.33e-04
1668	8	-0.02	0.07	-0.45	1.33e-03	-1.87e-03	-2.68e-04
1668	21	-0.02	0.08	-0.51	1.91e-03	-1.81e-03	-2.62e-04
1668	32	-0.01	0.05	-0.34	1.07e-03	-1.40e-03	-2.00e-04
1668	35	-0.01	0.06	-0.39	1.45e-03	-1.35e-03	-1.96e-04
1668	37	-0.01	0.05	-0.32	1.09e-03	-1.23e-03	-1.77e-04
1669	8	-0.02	0.05	-0.36	1.42e-03	-2.18e-03	-3.12e-04
1669	21	-0.02	0.06	-0.42	1.98e-03	-2.11e-03	-3.04e-04
1669	32	-0.01	0.04	-0.27	1.13e-03	-1.62e-03	-2.33e-04
1669	35	-0.01	0.05	-0.32	1.50e-03	-1.58e-03	-2.28e-04
1669	37	-0.01	0.04	-0.26	1.14e-03	-1.43e-03	-2.06e-04
1670	8	-0.02	0.04	-0.25	1.48e-03	-2.31e-03	-3.30e-04
1670	21	-0.02	0.05	-0.32	2.03e-03	-2.23e-03	-3.22e-04
1670	32	-0.01	0.03	-0.20	1.17e-03	-1.72e-03	-2.47e-04
1670	35	-0.01	0.03	-0.24	1.54e-03	-1.67e-03	-2.41e-04

1670	37	-0.01	0.03	-0.19	1.18e-03	-1.52e-03	-2.18e-04
1671	7	-2.46e-03	7.69e-04	-0.02	-3.70e-04	6.97e-04	1.18e-03
1671	8	-2.47e-03	8.41e-04	-0.02	-3.74e-04	6.91e-04	1.19e-03
1671	31	-1.81e-03	5.08e-04	-0.01	-2.75e-04	5.10e-04	8.64e-04
1671	32	-1.82e-03	5.55e-04	-0.01	-2.79e-04	5.05e-04	8.74e-04
1671	37	-1.56e-03	2.48e-04	-0.01	-2.48e-04	4.27e-04	7.31e-04
1672	7	-3.26e-03	2.85e-04	-5.64e-03	-2.65e-04	9.33e-04	4.88e-04
1672	8	-3.26e-03	3.39e-04	-5.37e-03	-2.71e-04	9.24e-04	4.95e-04
1672	31	-2.40e-03	1.39e-04	-3.99e-03	-1.98e-04	6.81e-04	3.60e-04
1672	32	-2.40e-03	1.76e-04	-3.82e-03	-2.02e-04	6.75e-04	3.64e-04
1672	37	-2.06e-03	-1.05e-04	-2.95e-03	-1.78e-04	5.69e-04	3.11e-04
1673	7	-4.05e-03	-4.56e-06	1.12e-03	-1.62e-04	6.88e-04	5.87e-04
1673	9	-2.46e-03	-3.79e-04	1.73e-03	-1.07e-04	5.00e-04	3.59e-04
1673	21	-3.39e-03	-2.99e-04	2.87e-03	-1.55e-04	6.81e-04	5.10e-04
1673	25	-2.55e-03	-3.25e-04	1.60e-03	-1.09e-04	5.24e-04	3.72e-04
1673	31	-2.98e-03	-8.23e-05	1.04e-03	-1.21e-04	6.33e-04	4.32e-04
1673	35	-2.54e-03	-2.78e-04	2.21e-03	-1.16e-04	5.08e-04	3.81e-04
1673	37	-2.55e-03	-3.25e-04	1.60e-03	-1.09e-04	5.24e-04	3.72e-04
1674	7	-5.29e-03	-3.50e-05	4.08e-03	-9.47e-05	7.41e-04	1.58e-04
1674	9	-3.22e-03	-4.27e-04	3.67e-03	-5.73e-05	4.19e-04	9.34e-05
1674	21	-4.45e-03	-3.87e-04	5.73e-03	-8.33e-05	5.63e-04	1.30e-04
1674	25	-3.34e-03	-3.69e-04	3.59e-03	-5.96e-05	4.41e-04	9.75e-05
1674	31	-3.89e-03	-1.11e-04	3.25e-03	-6.96e-05	5.38e-04	1.16e-04
1674	35	-3.33e-03	-3.46e-04	4.35e-03	-6.20e-05	4.19e-04	9.68e-05
1674	37	-3.34e-03	-3.69e-04	3.59e-03	-5.96e-05	4.41e-04	9.75e-05
1675	8	-7.59e-03	2.67e-04	2.99e-03	1.87e-04	2.81e-04	1.31e-03
1675	21	-6.43e-03	-1.54e-04	3.83e-03	1.41e-04	2.31e-04	5.31e-04
1675	25	-4.81e-03	-1.90e-04	2.34e-03	1.13e-04	1.78e-04	6.31e-04
1675	32	-5.58e-03	1.09e-04	2.35e-03	1.36e-04	2.07e-04	8.96e-04
1675	35	-4.81e-03	-1.71e-04	2.91e-03	1.05e-04	1.73e-04	3.80e-04
1675	37	-4.81e-03	-1.90e-04	2.34e-03	1.13e-04	1.78e-04	6.31e-04
1676	7	-5.97e-03	0.02	-0.20	-8.55e-04	1.89e-03	2.38e-04
1676	8	-5.97e-03	0.02	-0.20	-8.68e-04	1.89e-03	2.38e-04
1676	31	-4.38e-03	0.02	-0.15	-6.33e-04	1.39e-03	1.75e-04
1676	32	-4.38e-03	0.02	-0.15	-6.41e-04	1.38e-03	1.74e-04
1676	37	-3.72e-03	0.01	-0.12	-5.56e-04	1.17e-03	1.47e-04
1677	7	-6.28e-03	0.02	-0.17	-8.39e-04	1.52e-03	1.94e-04
1677	31	-4.60e-03	0.01	-0.13	-6.21e-04	1.11e-03	1.42e-04
1677	37	-3.91e-03	0.01	-0.11	-5.46e-04	9.32e-04	1.20e-04
1678	7	-7.04e-03	0.01	-0.15	-7.97e-04	1.25e-03	1.57e-04
1678	31	-5.16e-03	9.72e-03	-0.11	-5.90e-04	9.09e-04	1.15e-04
1678	37	-4.36e-03	7.83e-03	-0.09	-5.18e-04	7.60e-04	9.60e-05
1679	7	-8.07e-03	0.01	-0.12	-7.55e-04	1.05e-03	1.33e-04
1679	31	-5.91e-03	7.28e-03	-0.09	-5.58e-04	7.63e-04	9.74e-05
1679	37	-4.99e-03	5.69e-03	-0.07	-4.88e-04	6.34e-04	8.12e-05
1680	7	-9.15e-03	7.44e-03	-0.10	-7.10e-04	9.38e-04	1.24e-04
1680	31	-6.70e-03	5.29e-03	-0.07	-5.23e-04	6.85e-04	9.03e-05
1680	37	-5.65e-03	3.94e-03	-0.06	-4.53e-04	5.71e-04	7.58e-05
1681	7	-8.82e-03	5.88e-03	-0.07	-7.47e-04	1.28e-03	1.71e-04
1681	31	-6.46e-03	4.14e-03	-0.05	-5.46e-04	9.52e-04	1.27e-04
1681	37	-5.44e-03	2.96e-03	-0.04	-4.55e-04	8.47e-04	1.12e-04
1682	7	-8.28e-03	3.36e-03	-0.05	-6.97e-04	1.34e-03	1.79e-04
1682	31	-6.06e-03	2.31e-03	-0.04	-5.07e-04	9.94e-04	1.33e-04
1682	37	-5.10e-03	1.45e-03	-0.03	-4.16e-04	8.89e-04	1.19e-04
1683	21	0.01	0.08	-0.62	3.32e-03	-2.34e-03	-2.34e-04
1683	35	7.91e-03	0.06	-0.47	2.50e-03	-1.75e-03	-1.75e-04
1683	37	5.93e-03	0.05	-0.40	2.11e-03	-1.60e-03	-1.65e-04
1684	21	0.01	0.10	-0.73	3.78e-03	2.43e-03	4.46e-04
1684	35	8.79e-03	0.08	-0.55	2.85e-03	1.82e-03	3.35e-04
1684	37	6.33e-03	0.06	-0.46	2.38e-03	1.66e-03	3.00e-04
1685	21	0.01	0.11	-0.83	3.75e-03	2.38e-03	4.38e-04
1685	35	0.01	0.09	-0.63	2.83e-03	1.78e-03	3.28e-04
1685	37	8.23e-03	0.07	-0.53	2.36e-03	1.63e-03	2.94e-04
1686	21	0.02	0.13	-0.92	3.69e-03	2.17e-03	4.02e-04
1686	35	0.01	0.09	-0.70	2.78e-03	1.62e-03	3.02e-04
1686	37	0.01	0.08	-0.60	2.32e-03	1.48e-03	2.70e-04
1687	21	0.02	0.14	-1.00	3.62e-03	1.80e-03	3.52e-04
1687	22	0.02	0.14	-1.00	3.55e-03	1.88e-03	3.61e-04
1687	35	0.01	0.10	-0.75	2.73e-03	1.35e-03	2.64e-04
1687	36	0.01	0.10	-0.76	2.69e-03	1.40e-03	2.70e-04
1687	37	0.01	0.09	-0.65	2.28e-03	1.23e-03	2.36e-04
1688	21	0.02	0.14	-1.06	3.56e-03	1.30e-03	2.82e-04
1688	22	0.02	0.14	-1.07	3.49e-03	1.35e-03	2.88e-04
1688	35	0.02	0.11	-0.80	2.69e-03	9.69e-04	2.12e-04
1688	36	0.02	0.11	-0.80	2.64e-03	1.01e-03	2.16e-04
1688	37	0.01	0.09	-0.69	2.24e-03	8.89e-04	1.88e-04
1689	21	0.02	0.15	-1.09	3.52e-03	6.89e-04	1.94e-04

1689	22	0.02	0.15	-1.10	3.45e-03	7.24e-04	1.97e-04
1689	35	0.02	0.11	-0.82	2.65e-03	5.15e-04	1.46e-04
1689	36	0.02	0.11	-0.83	2.61e-03	5.38e-04	1.48e-04
1689	37	0.01	0.10	-0.71	2.21e-03	4.76e-04	1.28e-04
1690	21	0.02	0.15	-1.10	3.48e-03	3.12e-05	1.01e-04
1690	22	0.02	0.15	-1.11	3.41e-03	3.95e-05	1.01e-04
1690	35	0.02	0.11	-0.83	2.63e-03	2.26e-05	7.63e-05
1690	36	0.02	0.11	-0.83	2.58e-03	2.81e-05	7.59e-05
1690	37	0.01	0.10	-0.72	2.19e-03	2.70e-05	6.46e-05
1691	21	0.02	0.14	-1.08	3.45e-03	-6.26e-04	7.02e-06
1691	22	0.02	0.15	-1.08	3.39e-03	-6.44e-04	2.53e-06
1691	35	0.02	0.11	-0.81	2.61e-03	-4.70e-04	5.72e-06
1691	36	0.02	0.11	-0.81	2.56e-03	-4.82e-04	2.72e-06
1691	37	0.01	0.09	-0.70	2.17e-03	-4.22e-04	0.0
1692	21	0.02	0.14	-1.02	3.43e-03	-1.23e-03	-7.65e-05
1692	22	0.02	0.14	-1.03	3.37e-03	-1.27e-03	-8.35e-05
1692	35	0.02	0.10	-0.77	2.59e-03	-9.22e-04	-5.69e-05
1692	36	0.02	0.10	-0.77	2.55e-03	-9.51e-04	-6.16e-05
1692	37	0.01	0.09	-0.67	2.16e-03	-8.35e-04	-5.60e-05
1693	21	0.02	0.13	-0.94	3.41e-03	-1.47e-03	-1.48e-04
1693	22	0.02	0.13	-0.95	3.36e-03	-1.79e-03	-1.59e-04
1693	35	0.01	0.09	-0.71	2.57e-03	-1.30e-03	-1.11e-04
1693	36	0.01	0.10	-0.71	2.54e-03	-1.34e-03	-1.18e-04
1693	37	0.01	0.08	-0.61	2.15e-03	-1.18e-03	-1.06e-04
1694	21	0.02	0.11	-0.85	3.39e-03	-2.09e-03	-1.99e-04
1694	22	0.02	0.11	-0.85	3.34e-03	-2.17e-03	-2.12e-04
1694	35	0.01	0.08	-0.64	2.56e-03	-1.56e-03	-1.48e-04
1694	36	0.01	0.08	-0.64	2.53e-03	-1.62e-03	-1.57e-04
1694	37	9.96e-03	0.07	-0.55	2.15e-03	-1.42e-03	-1.41e-04
1695	21	0.01	0.10	-0.74	3.36e-03	-2.28e-03	-2.27e-04
1695	35	0.01	0.07	-0.55	2.53e-03	-1.71e-03	-1.70e-04
1695	37	8.02e-03	0.06	-0.47	2.13e-03	-1.56e-03	-1.59e-04
1696	21	8.51e-03	0.08	-0.61	3.79e-03	2.46e-03	4.49e-04
1696	35	6.48e-03	0.06	-0.46	2.86e-03	1.84e-03	3.36e-04
1696	37	4.45e-03	0.05	-0.39	2.39e-03	1.68e-03	3.01e-04
1697	21	5.40e-03	0.06	-0.48	3.81e-03	2.53e-03	4.55e-04
1697	35	4.13e-03	0.05	-0.36	2.87e-03	1.90e-03	3.41e-04
1697	37	2.52e-03	0.04	-0.31	2.40e-03	1.73e-03	3.06e-04
1698	7	-7.72e-03	1.20e-03	-0.03	-5.70e-04	1.40e-03	1.86e-04
1698	31	-5.64e-03	7.52e-04	-0.02	-4.10e-04	1.04e-03	1.38e-04
1698	37	-4.74e-03	2.16e-04	-0.02	-3.22e-04	9.34e-04	1.24e-04
1699	1	-5.93e-03	-6.21e-04	-0.02	-2.37e-04	1.30e-03	1.70e-04
1699	7	-7.22e-03	-2.70e-04	-0.02	-3.59e-04	1.46e-03	1.91e-04
1699	25	-4.41e-03	-5.18e-04	-0.01	-1.68e-04	9.83e-04	1.29e-04
1699	31	-5.27e-03	-2.84e-04	-0.02	-2.49e-04	1.09e-03	1.42e-04
1699	37	-4.41e-03	-5.18e-04	-0.01	-1.68e-04	9.83e-04	1.29e-04
1700	7	-3.28e-03	4.09e-03	-0.05	-3.37e-04	8.98e-04	1.05e-04
1700	8	-3.29e-03	4.18e-03	-0.05	-3.43e-04	8.96e-04	1.05e-04
1700	31	-2.41e-03	2.95e-03	-0.04	-2.53e-04	6.56e-04	7.68e-05
1700	32	-2.42e-03	3.01e-03	-0.04	-2.57e-04	6.55e-04	7.69e-05
1700	37	-2.07e-03	2.37e-03	-0.03	-2.35e-04	5.52e-04	6.47e-05
1701	7	-3.61e-03	9.57e-03	-0.10	-4.05e-04	1.59e-03	1.80e-04
1701	8	-3.63e-03	9.67e-03	-0.10	-4.13e-04	1.59e-03	1.80e-04
1701	31	-2.65e-03	6.97e-03	-0.07	-3.03e-04	1.17e-03	1.32e-04
1701	32	-2.67e-03	7.04e-03	-0.07	-3.08e-04	1.16e-03	1.32e-04
1701	37	-2.28e-03	5.76e-03	-0.06	-2.76e-04	9.84e-04	1.11e-04
1702	7	-3.99e-03	0.02	-0.16	-5.17e-04	2.10e-03	2.24e-04
1702	8	-4.00e-03	0.02	-0.16	-5.26e-04	2.09e-03	2.24e-04
1702	31	-2.93e-03	0.01	-0.11	-3.85e-04	1.54e-03	1.64e-04
1702	32	-2.94e-03	0.01	-0.11	-3.91e-04	1.53e-03	1.64e-04
1702	37	-2.51e-03	0.01	-0.10	-3.45e-04	1.30e-03	1.39e-04
1703	7	-3.63e-03	3.75e-03	-0.05	-2.37e-04	7.34e-04	2.59e-03
1703	8	-3.64e-03	3.81e-03	-0.05	-2.46e-04	7.41e-04	2.50e-03
1703	31	-2.67e-03	2.68e-03	-0.03	-1.79e-04	5.39e-04	1.88e-03
1703	32	-2.67e-03	2.73e-03	-0.03	-1.85e-04	5.43e-04	1.82e-03
1703	37	-2.29e-03	2.07e-03	-0.03	-1.68e-04	4.58e-04	1.54e-03
1704	7	-4.25e-03	8.45e-03	-0.09	-3.57e-04	1.46e-03	1.97e-04
1704	8	-4.25e-03	8.51e-03	-0.09	-3.67e-04	1.46e-03	1.97e-04
1704	31	-3.12e-03	6.12e-03	-0.06	-2.67e-04	1.07e-03	1.45e-04
1704	32	-3.12e-03	6.16e-03	-0.06	-2.74e-04	1.06e-03	1.44e-04
1704	37	-2.66e-03	4.97e-03	-0.05	-2.44e-04	8.99e-04	1.22e-04
1705	7	-5.27e-03	0.01	-0.14	-6.16e-04	1.78e-03	2.50e-04
1705	8	-5.27e-03	0.01	-0.14	-6.28e-04	1.78e-03	2.50e-04
1705	31	-3.87e-03	0.01	-0.10	-4.57e-04	1.31e-03	1.83e-04
1705	32	-3.87e-03	0.01	-0.10	-4.65e-04	1.30e-03	1.83e-04
1705	37	-3.29e-03	8.88e-03	-0.09	-4.06e-04	1.10e-03	1.55e-04
1706	7	-4.76e-03	3.08e-03	-0.04	-3.19e-04	1.15e-03	-6.24e-04

1706	8	-4.74e-03	3.11e-03	-0.04	-3.30e-04	1.15e-03	-6.79e-04
1706	31	-3.49e-03	2.18e-03	-0.03	-2.39e-04	8.45e-04	-4.73e-04
1706	32	-3.48e-03	2.20e-03	-0.03	-2.45e-04	8.44e-04	-5.09e-04
1706	37	-2.97e-03	1.58e-03	-0.02	-2.17e-04	7.15e-04	-4.50e-04
1707	7	-5.17e-03	7.08e-03	-0.08	-4.14e-04	1.28e-03	1.41e-04
1707	8	-5.16e-03	7.10e-03	-0.08	-4.26e-04	1.28e-03	1.40e-04
1707	31	-3.79e-03	5.10e-03	-0.06	-3.08e-04	9.39e-04	1.03e-04
1707	32	-3.78e-03	5.11e-03	-0.06	-3.16e-04	9.34e-04	1.03e-04
1707	37	-3.23e-03	4.04e-03	-0.05	-2.77e-04	7.88e-04	8.65e-05
1708	7	-5.74e-03	0.01	-0.12	-6.45e-04	1.47e-03	1.62e-04
1708	8	-5.73e-03	0.01	-0.12	-6.60e-04	1.46e-03	1.61e-04
1708	31	-4.21e-03	8.68e-03	-0.09	-4.79e-04	1.08e-03	1.19e-04
1708	32	-4.20e-03	8.68e-03	-0.09	-4.88e-04	1.07e-03	1.18e-04
1708	37	-3.58e-03	7.04e-03	-0.08	-4.24e-04	9.03e-04	9.95e-05
1709	7	-6.04e-03	2.26e-03	-0.03	-3.58e-04	1.17e-03	-1.49e-03
1709	31	-4.43e-03	1.56e-03	-0.02	-2.66e-04	8.53e-04	-1.11e-03
1709	37	-3.76e-03	1.01e-03	-0.02	-2.38e-04	7.18e-04	-9.83e-04
1710	21	3.96e-03	0.05	-0.40	3.26e-03	-2.28e-03	-2.33e-04
1710	35	3.03e-03	0.04	-0.30	2.46e-03	-1.71e-03	-1.74e-04
1710	37	1.77e-03	0.03	-0.26	2.08e-03	-1.57e-03	-1.64e-04
1711	21	7.16e-03	0.07	-0.51	3.31e-03	-2.32e-03	-2.37e-04
1711	35	5.44e-03	0.05	-0.39	2.49e-03	-1.74e-03	-1.77e-04
1711	37	3.82e-03	0.04	-0.33	2.10e-03	-1.59e-03	-1.66e-04
1712	21	0.01	0.09	-0.68	3.34e-03	-2.32e-03	-2.35e-04
1712	35	9.08e-03	0.07	-0.51	2.52e-03	-1.74e-03	-1.76e-04
1712	37	6.99e-03	0.06	-0.44	2.12e-03	-1.59e-03	-1.65e-04
1713	21	0.02	0.10	-0.79	3.38e-03	-2.21e-03	-2.16e-04
1713	22	0.01	0.10	-0.79	3.33e-03	-2.29e-03	-2.29e-04
1713	35	0.01	0.08	-0.60	2.55e-03	-1.65e-03	-1.62e-04
1713	36	0.01	0.08	-0.60	2.52e-03	-1.71e-03	-1.70e-04
1713	37	9.01e-03	0.07	-0.51	2.14e-03	-1.50e-03	-1.52e-04
1714	21	0.02	0.12	-0.90	3.40e-03	-1.93e-03	-1.76e-04
1714	22	0.02	0.12	-0.90	3.35e-03	-2.00e-03	-1.87e-04
1714	35	0.01	0.09	-0.67	2.57e-03	-1.45e-03	-1.32e-04
1714	36	0.01	0.09	-0.68	2.53e-03	-1.49e-03	-1.39e-04
1714	37	0.01	0.08	-0.58	2.15e-03	-1.31e-03	-1.24e-04
1715	21	0.02	0.13	-0.99	3.42e-03	-1.50e-03	-1.16e-04
1715	22	0.02	0.13	-0.99	3.37e-03	-1.55e-03	-1.26e-04
1715	35	0.02	0.10	-0.74	2.58e-03	-1.12e-03	-8.67e-05
1715	36	0.01	0.10	-0.75	2.54e-03	-1.16e-03	-9.30e-05
1715	37	0.01	0.09	-0.64	2.16e-03	-1.02e-03	-8.41e-05
1716	21	0.02	0.14	-1.05	3.44e-03	-9.38e-04	-3.63e-05
1716	22	0.02	0.14	-1.06	3.38e-03	-9.69e-04	-4.24e-05
1716	35	0.02	0.11	-0.79	2.60e-03	-7.03e-04	-2.67e-05
1716	36	0.02	0.11	-0.80	2.56e-03	-7.24e-04	-3.08e-05
1716	37	0.01	0.09	-0.69	2.17e-03	-6.35e-04	-2.92e-05
1717	21	0.02	0.15	-1.09	3.47e-03	-3.01e-04	5.41e-05
1717	22	0.02	0.15	-1.10	3.40e-03	-3.06e-04	5.19e-05
1717	35	0.02	0.11	-0.82	2.62e-03	-2.26e-04	4.09e-05
1717	36	0.02	0.11	-0.83	2.57e-03	-2.29e-04	3.94e-05
1717	37	0.01	0.10	-0.71	2.18e-03	-2.00e-04	3.27e-05
1718	21	0.02	0.15	-1.10	3.50e-03	3.64e-04	1.47e-04
1718	22	0.02	0.15	-1.11	3.43e-03	3.85e-04	1.48e-04
1718	35	0.02	0.11	-0.83	2.64e-03	2.72e-04	1.11e-04
1718	36	0.02	0.11	-0.83	2.59e-03	2.86e-04	1.11e-04
1718	37	0.01	0.10	-0.72	2.20e-03	2.54e-04	9.59e-05
1719	21	0.02	0.15	-1.08	3.54e-03	1.00e-03	2.38e-04
1719	22	0.02	0.15	-1.09	3.47e-03	1.05e-03	2.43e-04
1719	35	0.02	0.11	-0.81	2.67e-03	7.50e-04	1.79e-04
1719	36	0.02	0.11	-0.82	2.62e-03	7.81e-04	1.82e-04
1719	37	0.01	0.09	-0.70	2.22e-03	6.89e-04	1.58e-04
1720	21	0.02	0.14	-1.03	3.59e-03	1.56e-03	3.17e-04
1720	22	0.02	0.14	-1.04	3.52e-03	1.63e-03	3.24e-04
1720	35	0.02	0.11	-0.78	2.71e-03	1.17e-03	2.38e-04
1720	36	0.01	0.11	-0.78	2.66e-03	1.22e-03	2.43e-04
1720	37	0.01	0.09	-0.67	2.25e-03	1.07e-03	2.12e-04
1721	21	0.02	0.13	-0.96	3.65e-03	2.00e-03	3.86e-04
1721	22	0.02	0.13	-0.97	3.59e-03	2.09e-03	3.96e-04
1721	35	0.01	0.10	-0.73	2.76e-03	1.50e-03	2.89e-04
1721	36	0.01	0.10	-0.73	2.71e-03	1.56e-03	2.96e-04
1721	37	0.01	0.08	-0.62	2.30e-03	1.37e-03	2.59e-04
1722	21	0.02	0.12	-0.88	3.72e-03	2.29e-03	4.24e-04
1722	35	0.01	0.09	-0.66	2.81e-03	1.71e-03	3.18e-04
1722	37	9.15e-03	0.08	-0.56	2.34e-03	1.57e-03	2.85e-04
1723	21	0.01	0.11	-0.78	3.77e-03	2.42e-03	4.46e-04
1723	35	9.82e-03	0.08	-0.59	2.85e-03	1.81e-03	3.35e-04
1723	37	7.29e-03	0.07	-0.50	2.38e-03	1.66e-03	3.00e-04

1724	21	9.91e-03	0.09	-0.66	3.77e-03	2.45e-03	4.49e-04
1724	35	7.53e-03	0.07	-0.50	2.85e-03	1.84e-03	3.37e-04
1724	37	5.41e-03	0.06	-0.42	2.38e-03	1.68e-03	3.02e-04
1725	21	0.01	0.10	-0.71	3.73e-03	2.41e-03	4.37e-04
1725	35	8.57e-03	0.07	-0.53	2.82e-03	1.81e-03	3.28e-04
1725	37	6.38e-03	0.06	-0.45	2.35e-03	1.65e-03	2.94e-04
1726	21	0.01	0.10	-0.76	3.69e-03	2.33e-03	4.33e-04
1726	35	9.59e-03	0.08	-0.57	2.78e-03	1.74e-03	3.25e-04
1726	37	7.32e-03	0.07	-0.49	2.32e-03	1.59e-03	2.91e-04
1727	21	0.01	0.11	-0.80	3.64e-03	2.20e-03	4.04e-04
1727	22	0.01	0.11	-0.80	3.57e-03	2.30e-03	4.15e-04
1727	35	0.01	0.08	-0.60	2.75e-03	1.65e-03	3.03e-04
1727	36	0.01	0.08	-0.60	2.70e-03	1.71e-03	3.10e-04
1727	37	8.23e-03	0.07	-0.52	2.29e-03	1.51e-03	2.71e-04
1728	21	0.02	0.11	-0.84	3.59e-03	2.04e-03	3.82e-04
1728	22	0.01	0.11	-0.85	3.52e-03	2.12e-03	3.92e-04
1728	35	0.01	0.09	-0.64	2.71e-03	1.52e-03	2.86e-04
1728	36	0.01	0.09	-0.64	2.66e-03	1.58e-03	2.93e-04
1728	37	9.08e-03	0.07	-0.55	2.25e-03	1.39e-03	2.56e-04
1729	21	0.02	0.12	-0.88	3.55e-03	1.83e-03	3.58e-04
1729	22	0.02	0.12	-0.89	3.48e-03	1.91e-03	3.67e-04
1729	35	0.01	0.09	-0.66	2.68e-03	1.37e-03	2.69e-04
1729	36	0.01	0.09	-0.67	2.63e-03	1.42e-03	2.75e-04
1729	37	9.86e-03	0.08	-0.58	2.22e-03	1.25e-03	2.39e-04
1730	21	0.02	0.12	-0.92	3.51e-03	1.59e-03	3.14e-04
1730	22	0.02	0.12	-0.92	3.43e-03	1.66e-03	3.21e-04
1730	35	0.01	0.09	-0.69	2.65e-03	1.19e-03	2.36e-04
1730	36	0.01	0.09	-0.69	2.60e-03	1.23e-03	2.41e-04
1730	37	0.01	0.08	-0.60	2.20e-03	1.09e-03	2.10e-04
1731	21	0.02	0.13	-0.94	3.47e-03	1.31e-03	2.79e-04
1731	22	0.02	0.13	-0.95	3.40e-03	1.37e-03	2.85e-04
1731	35	0.01	0.10	-0.71	2.62e-03	9.83e-04	2.09e-04
1731	36	0.01	0.10	-0.72	2.57e-03	1.02e-03	2.14e-04
1731	37	0.01	0.08	-0.62	2.17e-03	9.01e-04	1.86e-04
1732	21	0.02	0.13	-0.97	3.44e-03	1.01e-03	2.38e-04
1732	22	0.02	0.13	-0.98	3.37e-03	1.06e-03	2.43e-04
1732	35	0.01	0.10	-0.73	2.60e-03	7.59e-04	1.79e-04
1732	36	0.01	0.10	-0.73	2.55e-03	7.90e-04	1.82e-04
1732	37	0.01	0.08	-0.63	2.15e-03	6.97e-04	1.58e-04
1733	21	0.02	0.13	-0.98	3.41e-03	6.98e-04	1.88e-04
1733	22	0.02	0.13	-0.99	3.34e-03	7.31e-04	1.91e-04
1733	35	0.01	0.10	-0.74	2.58e-03	5.22e-04	1.41e-04
1733	36	0.01	0.10	-0.74	2.53e-03	5.44e-04	1.43e-04
1733	37	0.01	0.09	-0.64	2.14e-03	4.80e-04	1.24e-04
1734	21	0.02	0.13	-0.99	3.39e-03	3.66e-04	1.50e-04
1734	22	0.02	0.13	-1.00	3.32e-03	3.86e-04	1.50e-04
1734	35	0.01	0.10	-0.74	2.56e-03	2.74e-04	1.13e-04
1734	36	0.01	0.10	-0.75	2.51e-03	2.87e-04	1.13e-04
1734	37	0.01	0.09	-0.65	2.12e-03	2.54e-04	9.72e-05
1735	21	0.02	0.13	-0.99	3.38e-03	3.06e-05	9.81e-05
1735	22	0.02	0.13	-1.00	3.30e-03	3.67e-05	9.73e-05
1735	35	0.01	0.10	-0.74	2.55e-03	2.23e-05	7.39e-05
1735	36	0.01	0.10	-0.75	2.50e-03	2.64e-05	7.34e-05
1735	37	0.01	0.09	-0.65	2.11e-03	2.47e-05	6.25e-05
1736	21	0.02	0.13	-0.98	3.36e-03	-3.04e-04	4.87e-05
1736	22	0.02	0.13	-0.99	3.29e-03	-3.12e-04	4.53e-05
1736	35	0.01	0.10	-0.74	2.54e-03	-2.28e-04	3.70e-05
1736	36	0.01	0.10	-0.74	2.49e-03	-2.33e-04	3.47e-05
1736	37	0.01	0.09	-0.64	2.11e-03	-2.04e-04	2.82e-05
1737	21	0.02	0.13	-0.96	3.35e-03	-6.33e-04	6.36e-06
1737	22	0.02	0.13	-0.97	3.29e-03	-6.54e-04	1.45e-06
1737	35	0.01	0.10	-0.72	2.53e-03	-4.74e-04	5.27e-06
1737	36	0.01	0.10	-0.73	2.49e-03	-4.88e-04	1.99e-06
1737	37	0.01	0.08	-0.63	2.10e-03	-4.29e-04	0.0
1738	21	0.02	0.13	-0.94	3.35e-03	-9.46e-04	-3.80e-05
1738	22	0.02	0.13	-0.95	3.28e-03	-9.80e-04	-4.40e-05
1738	35	0.01	0.09	-0.71	2.53e-03	-7.09e-04	-2.80e-05
1738	36	0.01	0.10	-0.71	2.48e-03	-7.32e-04	-3.20e-05
1738	37	0.01	0.08	-0.62	2.10e-03	-6.43e-04	-3.02e-05
1739	21	0.02	0.12	-0.91	3.34e-03	-1.24e-03	-8.37e-05
1739	22	0.02	0.12	-0.92	3.28e-03	-1.28e-03	-9.24e-05
1739	35	0.01	0.09	-0.68	2.52e-03	-9.28e-04	-6.22e-05
1739	36	0.01	0.09	-0.69	2.48e-03	-9.59e-04	-6.80e-05
1739	37	0.01	0.08	-0.60	2.10e-03	-8.43e-04	-6.22e-05
1740	21	0.02	0.12	-0.87	3.34e-03	-1.51e-03	-1.16e-04
1740	22	0.02	0.12	-0.88	3.28e-03	-1.56e-03	-1.26e-04
1740	35	0.01	0.09	-0.66	2.52e-03	-1.13e-03	-8.66e-05

1740	36	0.01	0.09	-0.66	2.48e-03	-1.17e-03	-9.31e-05
1740	37	0.01	0.08	-0.57	2.10e-03	-1.03e-03	-8.42e-05
1741	21	0.02	0.11	-0.83	3.34e-03	-1.74e-03	-1.50e-04
1741	22	0.02	0.11	-0.84	3.29e-03	-1.81e-03	-1.61e-04
1741	35	0.01	0.08	-0.63	2.52e-03	-1.30e-03	-1.12e-04
1741	36	0.01	0.08	-0.63	2.48e-03	-1.35e-03	-1.19e-04
1741	37	9.64e-03	0.07	-0.54	2.11e-03	-1.19e-03	-1.07e-04
1742	21	0.01	0.10	-0.79	3.34e-03	-1.94e-03	-1.81e-04
1742	22	0.01	0.10	-0.79	3.29e-03	-2.01e-03	-1.94e-04
1742	35	0.01	0.08	-0.59	2.52e-03	-1.45e-03	-1.35e-04
1742	36	0.01	0.08	-0.60	2.49e-03	-1.50e-03	-1.43e-04
1742	37	8.82e-03	0.07	-0.51	2.11e-03	-1.32e-03	-1.29e-04
1743	21	0.01	0.10	-0.74	3.34e-03	-2.09e-03	-2.01e-04
1743	22	0.01	0.10	-0.74	3.30e-03	-2.17e-03	-2.13e-04
1743	35	9.96e-03	0.07	-0.55	2.52e-03	-1.57e-03	-1.50e-04
1743	36	9.63e-03	0.07	-0.56	2.49e-03	-1.62e-03	-1.58e-04
1743	37	7.91e-03	0.06	-0.48	2.11e-03	-1.43e-03	-1.41e-04
1744	21	0.01	0.09	-0.68	3.34e-03	-2.20e-03	-2.16e-04
1744	22	0.01	0.09	-0.68	3.30e-03	-2.29e-03	-2.30e-04
1744	35	8.89e-03	0.07	-0.51	2.52e-03	-1.65e-03	-1.62e-04
1744	36	8.52e-03	0.07	-0.51	2.49e-03	-1.71e-03	-1.70e-04
1744	37	6.94e-03	0.06	-0.44	2.12e-03	-1.51e-03	-1.52e-04
1745	21	0.01	0.08	-0.63	3.34e-03	-2.28e-03	-2.26e-04
1745	22	9.66e-03	0.08	-0.63	3.30e-03	-2.37e-03	-2.41e-04
1745	35	7.77e-03	0.06	-0.47	2.52e-03	-1.70e-03	-1.69e-04
1745	36	7.37e-03	0.06	-0.47	2.49e-03	-1.77e-03	-1.79e-04
1745	37	5.93e-03	0.05	-0.40	2.12e-03	-1.56e-03	-1.60e-04
1746	21	8.73e-03	0.07	-0.57	3.33e-03	-2.31e-03	-2.33e-04
1746	35	6.61e-03	0.06	-0.43	2.51e-03	-1.73e-03	-1.74e-04
1746	37	4.88e-03	0.05	-0.37	2.11e-03	-1.58e-03	-1.64e-04
1747	21	6.84e-03	0.07	-0.53	3.78e-03	2.53e-03	4.41e-04
1747	35	5.21e-03	0.05	-0.40	2.85e-03	1.89e-03	3.30e-04
1747	37	3.52e-03	0.05	-0.34	2.38e-03	1.73e-03	2.96e-04
1748	21	8.28e-03	0.08	-0.58	3.72e-03	2.49e-03	4.45e-04
1748	35	6.28e-03	0.06	-0.44	2.80e-03	1.86e-03	3.34e-04
1748	37	4.52e-03	0.05	-0.38	2.34e-03	1.70e-03	2.99e-04
1749	21	9.69e-03	0.08	-0.63	3.65e-03	2.41e-03	4.25e-04
1749	22	9.03e-03	0.08	-0.64	3.58e-03	2.51e-03	4.37e-04
1749	35	7.34e-03	0.06	-0.48	2.75e-03	1.80e-03	3.19e-04
1749	36	6.90e-03	0.06	-0.48	2.71e-03	1.87e-03	3.27e-04
1749	37	5.49e-03	0.05	-0.41	2.29e-03	1.65e-03	2.86e-04
1750	21	0.01	0.09	-0.68	3.58e-03	2.29e-03	3.93e-04
1750	22	0.01	0.09	-0.69	3.51e-03	2.38e-03	4.03e-04
1750	35	8.35e-03	0.07	-0.51	2.70e-03	1.71e-03	2.94e-04
1750	36	7.96e-03	0.07	-0.52	2.66e-03	1.78e-03	3.02e-04
1750	37	6.43e-03	0.06	-0.44	2.25e-03	1.56e-03	2.63e-04
1751	21	0.01	0.10	-0.73	3.52e-03	2.11e-03	3.84e-04
1751	22	0.01	0.10	-0.73	3.45e-03	2.20e-03	3.94e-04
1751	35	9.30e-03	0.07	-0.55	2.66e-03	1.58e-03	2.88e-04
1751	36	8.95e-03	0.07	-0.55	2.61e-03	1.64e-03	2.95e-04
1751	37	7.31e-03	0.06	-0.47	2.20e-03	1.45e-03	2.57e-04
1752	21	0.01	0.10	-0.77	3.46e-03	1.90e-03	3.49e-04
1752	22	0.01	0.10	-0.78	3.39e-03	1.98e-03	3.58e-04
1752	35	0.01	0.08	-0.58	2.61e-03	1.42e-03	2.62e-04
1752	36	9.85e-03	0.08	-0.58	2.56e-03	1.47e-03	2.67e-04
1752	37	8.11e-03	0.07	-0.50	2.17e-03	1.30e-03	2.33e-04
1753	21	0.01	0.11	-0.80	3.41e-03	1.65e-03	3.04e-04
1753	22	0.01	0.11	-0.81	3.33e-03	1.72e-03	3.11e-04
1753	35	0.01	0.08	-0.60	2.57e-03	1.23e-03	2.28e-04
1753	36	0.01	0.08	-0.61	2.52e-03	1.28e-03	2.33e-04
1753	37	8.81e-03	0.07	-0.53	2.13e-03	1.13e-03	2.03e-04
1754	21	0.02	0.11	-0.83	3.37e-03	1.36e-03	2.74e-04
1754	22	0.01	0.11	-0.84	3.29e-03	1.42e-03	2.80e-04
1754	35	0.01	0.08	-0.62	2.54e-03	1.02e-03	2.06e-04
1754	36	0.01	0.08	-0.63	2.49e-03	1.06e-03	2.10e-04
1754	37	9.40e-03	0.07	-0.55	2.10e-03	9.34e-04	1.82e-04
1755	21	0.02	0.11	-0.85	3.33e-03	1.05e-03	2.30e-04
1755	22	0.02	0.12	-0.87	3.25e-03	1.10e-03	2.34e-04
1755	35	0.01	0.09	-0.64	2.51e-03	7.89e-04	1.73e-04
1755	36	0.01	0.09	-0.65	2.46e-03	8.20e-04	1.75e-04
1755	37	9.86e-03	0.07	-0.56	2.08e-03	7.23e-04	1.52e-04
1756	21	0.02	0.12	-0.87	3.30e-03	7.29e-04	1.79e-04
1756	22	0.02	0.12	-0.88	3.22e-03	7.61e-04	1.82e-04
1756	35	0.01	0.09	-0.65	2.49e-03	5.46e-04	1.35e-04
1756	36	0.01	0.09	-0.66	2.44e-03	5.67e-04	1.36e-04
1756	37	0.01	0.08	-0.57	2.06e-03	5.00e-04	1.18e-04
1757	21	0.02	0.12	-0.88	3.28e-03	3.90e-04	1.36e-04

1757	22	0.02	0.12	-0.89	3.20e-03	4.08e-04	1.36e-04
1757	35	0.01	0.09	-0.66	2.47e-03	2.92e-04	1.02e-04
1757	36	0.01	0.09	-0.67	2.42e-03	3.04e-04	1.02e-04
1757	37	0.01	0.08	-0.58	2.04e-03	2.68e-04	8.78e-05
1758	21	0.02	0.12	-0.88	3.26e-03	4.70e-05	8.59e-05
1758	22	0.02	0.12	-0.89	3.18e-03	5.06e-05	8.45e-05
1758	35	0.01	0.09	-0.66	2.46e-03	3.50e-05	6.48e-05
1758	36	0.01	0.09	-0.67	2.41e-03	3.73e-05	6.39e-05
1758	37	0.01	0.08	-0.58	2.03e-03	3.31e-05	5.41e-05
1759	21	0.02	0.12	-0.87	3.25e-03	-2.95e-04	4.18e-05
1759	22	0.02	0.12	-0.88	3.17e-03	-3.06e-04	3.89e-05
1759	35	0.01	0.09	-0.65	2.45e-03	-2.21e-04	3.17e-05
1759	36	0.01	0.09	-0.66	2.40e-03	-2.29e-04	2.98e-05
1759	37	0.01	0.08	-0.57	2.03e-03	-2.01e-04	2.42e-05
1760	21	0.02	0.11	-0.85	3.24e-03	-6.29e-04	-6.16e-06
1760	22	0.02	0.12	-0.87	3.17e-03	-6.54e-04	-1.17e-05
1760	35	0.01	0.09	-0.64	2.45e-03	-4.71e-04	-4.10e-06
1760	36	0.01	0.09	-0.65	2.40e-03	-4.88e-04	-7.80e-06
1760	37	0.01	0.07	-0.56	2.03e-03	-4.30e-04	-9.20e-06
1761	21	0.02	0.11	-0.83	3.24e-03	-9.48e-04	-4.94e-05
1761	22	0.02	0.11	-0.84	3.17e-03	-9.87e-04	-5.61e-05
1761	35	0.01	0.08	-0.62	2.45e-03	-7.10e-04	-3.65e-05
1761	36	0.01	0.08	-0.63	2.40e-03	-7.36e-04	-4.10e-05
1761	37	9.65e-03	0.07	-0.55	2.03e-03	-6.48e-04	-3.82e-05
1762	21	0.01	0.11	-0.80	3.24e-03	-1.25e-03	-8.55e-05
1762	22	0.01	0.11	-0.81	3.18e-03	-1.30e-03	-9.29e-05
1762	35	0.01	0.08	-0.60	2.45e-03	-9.33e-04	-6.37e-05
1762	36	0.01	0.08	-0.61	2.41e-03	-9.68e-04	-6.86e-05
1762	37	9.12e-03	0.07	-0.53	2.03e-03	-8.53e-04	-6.22e-05
1763	21	0.01	0.10	-0.77	3.25e-03	-1.52e-03	-1.29e-04
1763	22	0.01	0.10	-0.78	3.19e-03	-1.58e-03	-1.39e-04
1763	35	0.01	0.08	-0.58	2.45e-03	-1.13e-03	-9.59e-05
1763	36	0.01	0.08	-0.58	2.41e-03	-1.18e-03	-1.03e-04
1763	37	8.47e-03	0.07	-0.50	2.04e-03	-1.04e-03	-9.31e-05
1764	21	0.01	0.10	-0.72	3.26e-03	-1.75e-03	-1.57e-04
1764	22	0.01	0.10	-0.73	3.20e-03	-1.83e-03	-1.68e-04
1764	35	9.57e-03	0.07	-0.54	2.46e-03	-1.31e-03	-1.17e-04
1764	36	9.32e-03	0.07	-0.55	2.42e-03	-1.36e-03	-1.25e-04
1764	37	7.70e-03	0.06	-0.48	2.05e-03	-1.20e-03	-1.12e-04
1765	21	0.01	0.09	-0.68	3.27e-03	-1.95e-03	-1.82e-04
1765	22	0.01	0.09	-0.68	3.22e-03	-2.03e-03	-1.94e-04
1765	35	8.62e-03	0.07	-0.51	2.47e-03	-1.46e-03	-1.36e-04
1765	36	8.34e-03	0.07	-0.51	2.43e-03	-1.51e-03	-1.44e-04
1765	37	6.84e-03	0.06	-0.44	2.06e-03	-1.34e-03	-1.29e-04
1766	21	0.01	0.08	-0.63	3.28e-03	-2.10e-03	-2.02e-04
1766	22	9.57e-03	0.08	-0.63	3.24e-03	-2.19e-03	-2.14e-04
1766	35	7.59e-03	0.06	-0.47	2.48e-03	-1.58e-03	-1.51e-04
1766	36	7.28e-03	0.06	-0.47	2.45e-03	-1.63e-03	-1.59e-04
1766	37	5.91e-03	0.05	-0.41	2.07e-03	-1.44e-03	-1.42e-04
1767	21	8.58e-03	0.07	-0.57	3.29e-03	-2.21e-03	-2.20e-04
1767	22	8.06e-03	0.07	-0.58	3.25e-03	-2.30e-03	-2.34e-04
1767	35	6.49e-03	0.06	-0.43	2.48e-03	-1.66e-03	-1.65e-04
1767	36	6.14e-03	0.06	-0.43	2.45e-03	-1.72e-03	-1.74e-04
1767	37	4.91e-03	0.05	-0.37	2.08e-03	-1.55e-03	-1.55e-04
1768	21	7.06e-03	0.07	-0.52	3.30e-03	-2.27e-03	-2.28e-04
1768	22	6.48e-03	0.07	-0.52	3.26e-03	-2.37e-03	-2.43e-04
1768	35	5.35e-03	0.05	-0.39	2.48e-03	-1.70e-03	-1.71e-04
1768	36	4.97e-03	0.05	-0.39	2.46e-03	-1.77e-03	-1.80e-04
1768	37	3.88e-03	0.04	-0.34	2.09e-03	-1.56e-03	-1.61e-04
1769	21	5.51e-03	0.06	-0.46	3.29e-03	-2.29e-03	-2.37e-04
1769	22	4.88e-03	0.06	-0.46	3.25e-03	-2.39e-03	-2.50e-04
1769	35	4.19e-03	0.04	-0.35	2.48e-03	-1.72e-03	-1.77e-04
1769	36	3.77e-03	0.04	-0.35	2.45e-03	-1.78e-03	-1.86e-04
1769	37	2.83e-03	0.04	-0.30	2.09e-03	-1.57e-03	-1.66e-04
1770	7	2.19e-03	-1.80e-03	-0.04	4.08e-04	1.92e-04	5.13e-06
1770	8	2.00e-03	-1.74e-03	-0.04	4.38e-04	1.62e-04	4.98e-06
1770	31	1.56e-03	-1.34e-03	-0.03	3.13e-04	1.31e-04	3.75e-06
1770	32	1.42e-03	-1.30e-03	-0.03	3.33e-04	1.11e-04	3.64e-06
1770	37	1.15e-03	-1.19e-03	-0.03	3.10e-04	8.02e-05	3.13e-06
1771	7	2.39e-03	-1.66e-03	-0.06	4.62e-04	2.45e-04	6.04e-06
1771	8	2.19e-03	-1.61e-03	-0.06	4.95e-04	2.15e-04	5.93e-06
1771	31	1.70e-03	-1.23e-03	-0.04	3.54e-04	1.71e-04	4.43e-06
1771	32	1.57e-03	-1.20e-03	-0.05	3.76e-04	1.51e-04	4.36e-06
1771	37	1.28e-03	-1.10e-03	-0.04	3.48e-04	1.16e-04	3.76e-06
1772	7	2.62e-03	-1.50e-03	-0.08	3.90e-04	2.27e-04	6.80e-06
1772	8	2.41e-03	-1.45e-03	-0.08	4.22e-04	1.96e-04	6.72e-06
1772	31	1.87e-03	-1.12e-03	-0.06	3.00e-04	1.57e-04	5.00e-06

1772	32	1.73e-03	-1.08e-03	-0.06	3.21e-04	1.36e-04	4.95e-06
1772	37	1.42e-03	-9.99e-04	-0.06	3.00e-04	1.03e-04	4.29e-06
1773	7	2.87e-03	-1.33e-03	-0.10	2.35e-04	1.53e-04	7.48e-06
1773	8	2.66e-03	-1.28e-03	-0.10	2.63e-04	1.20e-04	7.44e-06
1773	31	2.05e-03	-9.92e-04	-0.07	1.84e-04	1.02e-04	5.51e-06
1773	32	1.91e-03	-9.59e-04	-0.07	2.03e-04	7.99e-05	5.48e-06
1773	37	1.58e-03	-8.91e-04	-0.07	1.95e-04	5.36e-05	4.77e-06
1774	7	3.15e-03	-1.15e-03	-0.10	3.36e-05	4.27e-05	8.11e-06
1774	8	2.94e-03	-1.10e-03	-0.11	5.75e-05	7.68e-06	8.09e-06
1774	31	2.26e-03	-8.56e-04	-0.08	3.35e-05	1.98e-05	5.98e-06
1774	32	2.12e-03	-8.23e-04	-0.08	4.94e-05	-3.54e-06	5.97e-06
1774	37	1.75e-03	-7.73e-04	-0.07	5.69e-05	-2.03e-05	5.20e-06
1775	7	3.44e-03	-9.51e-04	-0.10	-1.79e-04	-8.19e-05	8.70e-06
1775	8	3.23e-03	-9.03e-04	-0.10	-1.61e-04	-1.19e-04	8.69e-06
1775	31	2.48e-03	-7.11e-04	-0.08	-1.26e-04	-7.31e-05	6.42e-06
1775	32	2.34e-03	-6.79e-04	-0.08	-1.14e-04	-9.81e-05	6.42e-06
1775	37	1.94e-03	-6.47e-04	-0.07	-9.00e-05	-1.04e-04	5.59e-06
1776	7	3.76e-03	-7.44e-04	-0.09	-3.74e-04	-2.01e-04	9.24e-06
1776	8	3.55e-03	-6.96e-04	-0.09	-3.61e-04	-2.41e-04	9.25e-06
1776	31	2.71e-03	-5.58e-04	-0.07	-2.72e-04	-1.63e-04	6.83e-06
1776	32	2.57e-03	-5.26e-04	-0.07	-2.64e-04	-1.88e-04	6.83e-06
1776	37	2.15e-03	-5.14e-04	-0.06	-2.26e-04	-1.84e-04	5.96e-06
1777	7	4.10e-03	-5.26e-04	-0.07	-5.25e-04	-2.95e-04	9.81e-06
1777	8	3.89e-03	-4.78e-04	-0.07	-5.18e-04	-3.36e-04	9.83e-06
1777	31	2.96e-03	-3.97e-04	-0.05	-3.86e-04	-2.32e-04	7.25e-06
1777	32	2.82e-03	-3.65e-04	-0.05	-3.82e-04	-2.59e-04	7.26e-06
1777	37	2.37e-03	-3.74e-04	-0.05	-3.33e-04	-2.47e-04	6.34e-06
1778	7	4.46e-03	-2.97e-04	-0.04	-6.13e-04	-3.41e-04	1.05e-05
1778	8	4.25e-03	-2.49e-04	-0.04	-6.09e-04	-3.81e-04	1.06e-05
1778	17	4.35e-03	-2.98e-04	-0.04	-6.03e-04	-3.43e-04	1.04e-05
1778	31	3.23e-03	-2.28e-04	-0.03	-4.53e-04	-2.66e-04	7.79e-06
1778	32	3.09e-03	-1.97e-04	-0.03	-4.51e-04	-2.92e-04	7.80e-06
1778	33	3.15e-03	-2.29e-04	-0.03	-4.47e-04	-2.76e-04	7.68e-06
1778	37	2.60e-03	-2.27e-04	-0.03	-3.96e-04	-2.76e-04	6.81e-06
1779	7	3.31e-04	-2.33e-03	-0.03	1.67e-04	2.89e-04	1.47e-05
1779	8	2.23e-04	-2.24e-03	-0.03	1.77e-04	2.70e-04	1.40e-05
1779	31	2.14e-04	-1.72e-03	-0.02	1.27e-04	2.05e-04	1.05e-05
1779	32	1.42e-04	-1.66e-03	-0.03	1.34e-04	1.92e-04	1.01e-05
1779	37	8.90e-05	-1.48e-03	-0.02	1.23e-04	1.50e-04	8.28e-06
1780	7	8.58e-04	-2.19e-03	-0.04	8.27e-05	2.40e-04	1.15e-05
1780	8	7.29e-04	-2.11e-03	-0.04	9.29e-05	2.18e-04	1.10e-05
1780	31	5.93e-04	-1.62e-03	-0.03	6.50e-05	1.67e-04	8.28e-06
1780	32	5.07e-04	-1.56e-03	-0.03	7.19e-05	1.53e-04	7.96e-06
1780	37	3.87e-04	-1.40e-03	-0.03	6.94e-05	1.15e-04	6.53e-06
1781	7	1.25e-03	-2.10e-03	-0.05	-2.81e-05	1.73e-04	8.41e-06
1781	8	1.11e-03	-2.02e-03	-0.05	-1.81e-05	1.49e-04	8.04e-06
1781	31	8.77e-04	-1.55e-03	-0.03	-1.68e-05	1.17e-04	6.05e-06
1781	32	7.81e-04	-1.50e-03	-0.03	-1.02e-05	1.01e-04	5.81e-06
1781	37	6.13e-04	-1.35e-03	-0.03	-1.98e-06	6.81e-05	4.78e-06
1782	7	1.52e-03	-2.06e-03	-0.05	-1.36e-04	9.80e-05	5.82e-06
1782	8	1.37e-03	-1.98e-03	-0.05	-1.26e-04	6.99e-05	5.51e-06
1782	31	1.07e-03	-1.52e-03	-0.03	-9.62e-05	6.08e-05	4.19e-06
1782	32	9.70e-04	-1.47e-03	-0.03	-8.98e-05	4.20e-05	3.98e-06
1782	37	7.69e-04	-1.33e-03	-0.03	-7.11e-05	1.58e-05	3.29e-06
1783	7	1.71e-03	-2.03e-03	-0.04	-2.08e-04	2.65e-05	4.03e-06
1783	8	1.54e-03	-1.96e-03	-0.04	-1.98e-04	-4.64e-06	3.75e-06
1783	31	1.20e-03	-1.50e-03	-0.03	-1.49e-04	7.23e-06	2.89e-06
1783	32	1.09e-03	-1.45e-03	-0.03	-1.42e-04	-1.35e-05	2.70e-06
1783	37	8.72e-04	-1.31e-03	-0.03	-1.16e-04	-3.31e-05	2.25e-06
1784	7	1.83e-03	-2.00e-03	-0.03	-2.10e-04	-2.40e-05	3.07e-06
1784	8	1.65e-03	-1.93e-03	-0.03	-1.98e-04	-5.71e-05	2.83e-06
1784	31	1.29e-03	-1.48e-03	-0.02	-1.50e-04	-3.04e-05	2.20e-06
1784	32	1.17e-03	-1.44e-03	-0.02	-1.42e-04	-5.25e-05	2.04e-06
1784	37	9.39e-04	-1.30e-03	-0.02	-1.15e-04	-6.70e-05	1.71e-06
1785	7	1.92e-03	-1.97e-03	-0.02	-1.05e-04	-2.91e-05	3.13e-06
1785	8	1.73e-03	-1.91e-03	-0.02	-8.94e-05	-6.28e-05	2.91e-06
1785	31	1.36e-03	-1.46e-03	-0.02	-7.11e-05	-3.40e-05	2.26e-06
1785	32	1.23e-03	-1.42e-03	-0.02	-6.07e-05	-5.64e-05	2.11e-06
1785	37	9.89e-04	-1.29e-03	-0.02	-4.13e-05	-6.97e-05	1.79e-06
1786	7	2.09e-03	-2.31e-03	-0.02	-1.11e-05	1.37e-05	0.0
1786	21	1.12e-03	-1.82e-03	-0.03	6.75e-05	-1.13e-04	0.0
1786	31	1.48e-03	-1.71e-03	-0.02	0.0	-2.43e-06	0.0
1786	35	8.31e-04	-1.38e-03	-0.03	5.19e-05	-8.70e-05	0.0
1786	37	1.09e-03	-1.48e-03	-0.02	2.43e-05	-4.24e-05	0.0
1787	7	4.82e-03	-1.07e-03	-0.05	-5.33e-04	-4.02e-04	0.0
1787	21	3.41e-03	-8.63e-04	-0.06	-4.44e-04	-5.13e-04	0.0
1787	31	3.49e-03	-7.99e-04	-0.04	-3.93e-04	-3.13e-04	0.0

1787	35	2.55e-03	-6.61e-04	-0.04	-3.33e-04	-3.87e-04	0.0
1787	37	2.83e-03	-7.25e-04	-0.04	-3.41e-04	-3.25e-04	0.0
1788	7	2.22e-03	-2.25e-03	-0.03	1.62e-04	7.11e-05	0.0
1788	21	1.21e-03	-1.79e-03	-0.04	2.35e-04	-6.05e-05	0.0
1788	31	1.57e-03	-1.66e-03	-0.02	1.29e-04	4.04e-05	0.0
1788	35	9.00e-04	-1.35e-03	-0.03	1.78e-04	-4.73e-05	0.0
1788	37	1.17e-03	-1.45e-03	-0.02	1.43e-04	-3.47e-06	0.0
1789	7	2.39e-03	-2.19e-03	-0.04	3.47e-04	1.57e-04	0.0
1789	21	1.34e-03	-1.76e-03	-0.05	4.13e-04	1.96e-05	0.0
1789	31	1.70e-03	-1.62e-03	-0.03	2.68e-04	1.05e-04	0.0
1789	35	1.00e-03	-1.33e-03	-0.04	3.12e-04	1.30e-05	0.0
1789	37	1.27e-03	-1.42e-03	-0.03	2.70e-04	5.50e-05	0.0
1790	7	2.61e-03	-2.11e-03	-0.06	4.42e-04	2.08e-04	0.0
1790	21	1.52e-03	-1.71e-03	-0.07	5.05e-04	6.59e-05	0.0
1790	31	1.86e-03	-1.57e-03	-0.04	3.39e-04	1.43e-04	0.0
1790	35	1.13e-03	-1.30e-03	-0.05	3.81e-04	4.79e-05	0.0
1790	37	1.41e-03	-1.38e-03	-0.05	3.36e-04	8.93e-05	0.0
1791	7	2.86e-03	-2.02e-03	-0.08	4.19e-04	1.89e-04	0.0
1791	22	2.04e-03	-1.76e-03	-0.09	4.86e-04	8.10e-05	0.0
1791	31	2.05e-03	-1.49e-03	-0.06	3.22e-04	1.28e-04	0.0
1791	36	1.50e-03	-1.32e-03	-0.07	3.66e-04	5.64e-05	0.0
1791	37	1.57e-03	-1.32e-03	-0.06	3.20e-04	7.62e-05	0.0
1792	7	3.14e-03	-1.90e-03	-0.10	3.00e-04	1.10e-04	0.0
1792	22	2.29e-03	-1.66e-03	-0.11	3.68e-04	1.78e-06	0.0
1792	31	2.25e-03	-1.41e-03	-0.07	2.33e-04	6.95e-05	0.0
1792	36	1.69e-03	-1.25e-03	-0.08	2.78e-04	-2.78e-06	0.0
1792	37	1.75e-03	-1.25e-03	-0.07	2.39e-04	2.26e-05	0.0
1793	7	3.44e-03	-1.77e-03	-0.10	1.21e-04	-4.18e-06	0.0
1793	22	2.57e-03	-1.54e-03	-0.12	1.87e-04	-1.12e-04	0.0
1793	31	2.47e-03	-1.31e-03	-0.08	9.86e-05	-1.60e-05	0.0
1793	36	1.89e-03	-1.16e-03	-0.09	1.43e-04	-8.81e-05	0.0
1793	37	1.94e-03	-1.17e-03	-0.08	1.16e-04	-5.53e-05	0.0
1794	7	3.76e-03	-1.62e-03	-0.10	-8.45e-05	-1.31e-04	0.0
1794	22	2.86e-03	-1.41e-03	-0.11	-2.01e-05	-2.38e-04	0.0
1794	31	2.71e-03	-1.20e-03	-0.08	-5.56e-05	-1.11e-04	0.0
1794	36	2.11e-03	-1.06e-03	-0.09	-1.27e-05	-1.82e-04	0.0
1794	37	2.14e-03	-1.07e-03	-0.08	-2.66e-05	-1.41e-04	0.0
1795	7	4.09e-03	-1.45e-03	-0.09	-2.82e-04	-2.49e-04	0.0
1795	22	3.18e-03	-1.26e-03	-0.10	-2.21e-04	-3.55e-04	0.0
1795	31	2.96e-03	-1.08e-03	-0.07	-2.04e-04	-1.99e-04	0.0
1795	36	2.34e-03	-9.53e-04	-0.08	-1.63e-04	-2.70e-04	0.0
1795	37	2.36e-03	-9.68e-04	-0.07	-1.64e-04	-2.22e-04	0.0
1796	7	4.45e-03	-1.27e-03	-0.07	-4.40e-04	-3.44e-04	0.0
1796	22	3.51e-03	-1.09e-03	-0.08	-3.83e-04	-4.48e-04	0.0
1796	31	3.22e-03	-9.45e-04	-0.06	-3.23e-04	-2.70e-04	0.0
1796	36	2.59e-03	-8.30e-04	-0.06	-2.85e-04	-3.39e-04	0.0
1796	37	2.59e-03	-8.52e-04	-0.06	-2.75e-04	-2.86e-04	0.0
1797	21	2.41e-03	0.04	-0.35	3.23e-03	-2.26e-03	-2.37e-04
1797	23	2.70e-03	0.04	-0.28	2.63e-03	-1.73e-03	-1.77e-04
1797	35	1.87e-03	0.03	-0.26	2.43e-03	-1.69e-03	-1.77e-04
1797	37	7.09e-04	0.03	-0.22	2.05e-03	-1.56e-03	-1.66e-04
1798	7	-2.56e-03	0.02	-0.22	2.55e-03	-2.26e-03	-2.63e-04
1798	21	8.56e-04	0.04	-0.29	3.18e-03	-2.25e-03	-2.49e-04
1798	31	-1.57e-03	0.02	-0.17	1.98e-03	-1.69e-03	-1.95e-04
1798	35	7.06e-04	0.03	-0.22	2.40e-03	-1.68e-03	-1.86e-04
1798	37	-3.49e-04	0.02	-0.18	2.02e-03	-1.55e-03	-1.74e-04
1799	7	1.46e-03	-3.23e-03	-0.03	9.19e-05	2.26e-04	7.56e-05
1799	21	7.65e-04	-2.44e-03	-0.03	1.39e-04	1.41e-04	9.94e-05
1799	31	1.03e-03	-2.37e-03	-0.02	7.38e-05	1.60e-04	5.91e-05
1799	35	5.68e-04	-1.84e-03	-0.02	1.05e-04	1.03e-04	7.50e-05
1799	37	7.51e-04	-2.00e-03	-0.02	8.32e-05	1.18e-04	6.20e-05
1800	7	1.59e-03	-2.86e-03	-0.03	2.17e-05	1.51e-04	0.0
1800	21	8.18e-04	-2.17e-03	-0.04	8.16e-05	4.25e-05	0.0
1800	31	1.13e-03	-2.10e-03	-0.02	2.21e-05	1.01e-04	0.0
1800	35	6.07e-04	-1.64e-03	-0.03	6.20e-05	2.95e-05	0.0
1800	37	8.14e-04	-1.78e-03	-0.03	3.87e-05	5.74e-05	0.0
1801	7	1.76e-03	-2.63e-03	-0.03	-6.73e-05	8.35e-05	0.0
1801	21	9.16e-04	-2.01e-03	-0.04	2.50e-06	-3.26e-05	0.0
1801	31	1.24e-03	-1.93e-03	-0.03	-4.38e-05	5.05e-05	0.0
1801	35	6.81e-04	-1.52e-03	-0.03	2.70e-06	-2.69e-05	0.0
1801	37	9.03e-04	-1.66e-03	-0.03	-1.94e-05	8.20e-06	0.0
1802	7	1.88e-03	-2.47e-03	-0.03	-1.23e-04	2.97e-05	0.0
1802	21	9.90e-04	-1.91e-03	-0.04	-4.59e-05	-9.06e-05	0.0
1802	31	1.33e-03	-1.82e-03	-0.02	-8.51e-05	9.83e-06	0.0
1802	35	7.36e-04	-1.44e-03	-0.03	-3.36e-05	-7.04e-05	0.0
1802	37	9.72e-04	-1.57e-03	-0.02	-5.53e-05	-3.02e-05	0.0
1803	7	1.98e-03	-2.37e-03	-0.03	-1.09e-04	2.55e-06	0.0

1803	21	1.05e-03	-1.84e-03	-0.04	-2.82e-05	-1.21e-04	0.0
1803	31	1.40e-03	-1.75e-03	-0.02	-7.37e-05	-1.07e-05	0.0
1803	35	7.81e-04	-1.40e-03	-0.03	-2.01e-05	-9.29e-05	0.0
1803	37	1.03e-03	-1.51e-03	-0.02	-4.35e-05	-4.96e-05	0.0
1804	8	-0.01	-0.02	0.08	9.11e-04	-1.69e-03	-9.80e-04
1804	32	-9.66e-03	-0.01	0.06	6.98e-04	-1.25e-03	-7.35e-04
1804	37	-8.20e-03	-9.86e-03	0.05	6.54e-04	-1.08e-03	-6.57e-04
1805	7	-0.01	-6.78e-03	6.23e-03	1.05e-03	-1.32e-03	-1.76e-03
1805	8	-0.01	-6.58e-03	5.38e-03	1.17e-03	-1.35e-03	-1.86e-03
1805	31	-7.82e-03	-4.97e-03	4.08e-03	8.13e-04	-9.75e-04	-1.32e-03
1805	32	-7.82e-03	-4.83e-03	3.51e-03	8.91e-04	-9.93e-04	-1.39e-03
1805	37	-6.61e-03	-4.21e-03	1.89e-03	8.25e-04	-8.46e-04	-1.22e-03
1806	7	-6.56e-03	6.15e-03	-0.08	2.36e-03	-2.21e-03	-2.36e-04
1806	21	-3.68e-03	0.01	-0.14	2.93e-03	-2.18e-03	-2.15e-04
1806	31	-4.63e-03	5.40e-03	-0.07	1.83e-03	-1.65e-03	-1.74e-04
1806	35	-2.70e-03	0.01	-0.10	2.21e-03	-1.63e-03	-1.60e-04
1806	37	-3.33e-03	7.44e-03	-0.08	1.87e-03	-1.50e-03	-1.52e-04
1807	7	-3.57e-03	0.02	-0.19	2.48e-03	-2.22e-03	-2.20e-04
1807	21	-6.84e-04	0.03	-0.24	3.08e-03	-2.19e-03	-1.93e-04
1807	31	-2.39e-03	0.02	-0.15	1.92e-03	-1.62e-03	-1.62e-04
1807	35	-4.61e-04	0.02	-0.18	2.32e-03	-1.64e-03	-1.43e-04
1807	37	-1.27e-03	0.02	-0.15	1.96e-03	-1.51e-03	-1.39e-04
1808	7	-6.32e-03	5.52e-03	-0.07	-4.55e-04	1.10e-03	1.38e-04
1808	31	-4.63e-03	3.94e-03	-0.05	-3.38e-04	8.05e-04	1.01e-04
1808	37	-3.93e-03	3.00e-03	-0.04	-3.00e-04	6.72e-04	8.43e-05
1809	7	-0.01	-0.01	0.04	9.16e-04	-1.51e-03	-1.21e-03
1809	8	-0.01	-0.01	0.04	1.03e-03	-1.55e-03	-1.29e-03
1809	31	-8.69e-03	-8.11e-03	0.03	7.11e-04	-1.12e-03	-9.14e-04
1809	32	-8.71e-03	-8.07e-03	0.03	7.84e-04	-1.15e-03	-9.65e-04
1809	37	-7.38e-03	-7.01e-03	0.02	7.31e-04	-9.85e-04	-8.57e-04
1810	7	-0.01	-0.01	0.04	1.49e-03	-1.88e-03	-2.38e-04
1810	31	-8.02e-03	-8.00e-03	0.03	1.16e-03	-1.40e-03	-1.76e-04
1810	37	-6.69e-03	-6.36e-03	0.02	1.18e-03	-1.26e-03	-1.55e-04
1811	7	-8.87e-03	-3.62e-03	-0.01	2.03e-03	-2.08e-03	-2.26e-04
1811	21	-6.43e-03	1.88e-03	-0.05	2.53e-03	-2.03e-03	-2.04e-04
1811	31	-6.40e-03	-2.19e-03	-0.01	1.57e-03	-1.55e-03	-1.67e-04
1811	35	-4.77e-03	1.48e-03	-0.04	1.91e-03	-1.52e-03	-1.52e-04
1811	37	-5.10e-03	-3.46e-04	-0.02	1.61e-03	-1.40e-03	-1.45e-04
1812	7	-5.06e-03	0.01	-0.14	2.41e-03	-2.19e-03	-2.30e-04
1812	21	-2.18e-03	0.02	-0.19	2.99e-03	-2.16e-03	-2.07e-04
1812	31	-3.50e-03	0.01	-0.11	1.86e-03	-1.64e-03	-1.70e-04
1812	35	-1.58e-03	0.02	-0.14	2.25e-03	-1.62e-03	-1.54e-04
1812	37	-2.30e-03	0.01	-0.12	1.90e-03	-1.49e-03	-1.48e-04
1813	7	-6.68e-03	9.41e-03	-0.11	-6.50e-04	1.22e-03	1.51e-04
1813	31	-4.89e-03	6.78e-03	-0.08	-4.81e-04	8.88e-04	1.10e-04
1813	37	-4.14e-03	5.37e-03	-0.06	-4.24e-04	9.22e-04	9.22e-05
1814	7	-7.40e-03	1.27e-03	-0.03	-3.68e-04	1.03e-03	-1.75e-03
1814	31	-5.42e-03	8.27e-04	-0.02	-2.72e-04	7.50e-04	-1.30e-03
1814	37	-4.59e-03	3.56e-04	-0.01	-2.39e-04	6.27e-04	-1.16e-03
1815	7	-6.04e-03	9.52e-03	-0.11	2.26e-03	-2.08e-03	-2.14e-04
1815	21	-3.64e-03	0.01	-0.14	2.80e-03	-2.02e-03	-1.88e-04
1815	31	-4.29e-03	7.64e-03	-0.09	1.75e-03	-1.55e-03	-1.58e-04
1815	35	-2.69e-03	0.01	-0.11	2.11e-03	-1.51e-03	-1.40e-04
1815	37	-3.18e-03	8.64e-03	-0.09	1.78e-03	-1.40e-03	-1.35e-04
1816	7	-7.44e-03	2.96e-03	-0.06	2.12e-03	-2.04e-03	-2.38e-04
1816	21	-5.03e-03	8.45e-03	-0.09	2.63e-03	-1.99e-03	-2.18e-04
1816	31	-5.33e-03	2.74e-03	-0.05	1.64e-03	-1.52e-03	-1.76e-04
1816	35	-3.73e-03	6.40e-03	-0.07	1.98e-03	-1.49e-03	-1.63e-04
1816	37	-4.14e-03	4.16e-03	-0.06	1.67e-03	-1.38e-03	-1.55e-04
1817	7	-7.56e-03	3.80e-03	-0.05	-4.72e-04	9.21e-04	1.35e-04
1817	31	-5.54e-03	2.66e-03	-0.04	-3.49e-04	6.71e-04	9.89e-05
1817	37	-4.69e-03	1.86e-03	-0.03	-3.06e-04	5.54e-04	8.27e-05
1818	7	-8.42e-03	-1.08e-04	-0.04	1.84e-03	-1.82e-03	-2.03e-04
1818	21	-6.42e-03	3.05e-03	-0.06	2.27e-03	-1.71e-03	-1.76e-04
1818	23	-4.42e-03	3.12e-03	-0.05	1.85e-03	-1.29e-03	-1.28e-04
1818	31	-6.11e-03	1.95e-04	-0.03	1.42e-03	-1.35e-03	-1.49e-04
1818	35	-4.78e-03	2.30e-03	-0.04	1.71e-03	-1.28e-03	-1.31e-04
1818	37	-4.98e-03	1.05e-03	-0.04	1.45e-03	-1.20e-03	-1.27e-04
1819	7	-9.68e-03	-5.54e-03	8.05e-04	1.60e-03	-1.81e-03	-2.31e-04
1819	23	-5.33e-03	-8.86e-04	-0.02	1.63e-03	-1.30e-03	-1.55e-04
1819	31	-7.05e-03	-3.85e-03	-1.36e-03	1.24e-03	-1.35e-03	-1.71e-04
1819	35	-5.68e-03	-1.65e-03	-0.01	1.51e-03	-1.29e-03	-1.56e-04
1819	37	-5.82e-03	-2.60e-03	-7.46e-03	1.27e-03	-1.20e-03	-1.49e-04
1820	7	-7.82e-03	6.92e-03	-0.09	-6.42e-04	1.02e-03	1.40e-04
1820	31	-5.73e-03	4.94e-03	-0.06	-4.75e-04	7.42e-04	1.02e-04
1820	37	-4.84e-03	3.74e-03	-0.05	-4.16e-04	6.16e-04	8.53e-05
1821	7	-8.84e-03	2.54e-04	-0.02	-3.58e-04	8.19e-04	-2.01e-03

1821	23	-5.10e-03	-4.47e-04	-5.46e-03	-2.27e-04	4.46e-04	-1.53e-03
1821	31	-6.47e-03	8.03e-05	-0.01	-2.63e-04	5.97e-04	-1.50e-03
1821	35	-5.37e-03	-3.37e-04	-7.10e-03	-2.32e-04	4.77e-04	-1.50e-03
1821	37	-5.48e-03	-2.74e-04	-8.86e-03	-2.26e-04	4.94e-04	-1.38e-03
1822	21	5.65e-03	0.06	-0.45	3.27e-03	-2.32e-03	-2.34e-04
1822	35	4.32e-03	0.04	-0.34	2.46e-03	-1.73e-03	-1.75e-04
1822	37	2.67e-03	0.04	-0.28	2.08e-03	-1.59e-03	-1.65e-04
1823	21	8.85e-03	0.07	-0.56	3.30e-03	-2.33e-03	-2.35e-04
1823	35	6.72e-03	0.06	-0.42	2.49e-03	-1.75e-03	-1.76e-04
1823	37	4.85e-03	0.05	-0.36	2.10e-03	-1.60e-03	-1.65e-04
1824	7	-8.74e-03	1.99e-03	-0.04	-4.73e-04	7.47e-04	7.61e-05
1824	31	-6.40e-03	1.33e-03	-0.03	-3.49e-04	5.41e-04	5.48e-05
1824	37	-5.40e-03	6.97e-04	-0.02	-3.02e-04	4.40e-04	4.35e-05
1825	7	-8.86e-03	4.48e-03	-0.07	-6.30e-04	8.68e-04	1.02e-04
1825	31	-6.49e-03	3.13e-03	-0.05	-4.65e-04	6.32e-04	7.43e-05
1825	37	-5.48e-03	2.16e-03	-0.04	-4.04e-04	5.22e-04	6.15e-05
1826	7	-4.10e-03	0.02	-0.16	2.53e-03	-2.27e-03	-2.55e-04
1826	21	-7.00e-04	0.03	-0.23	3.15e-03	-2.26e-03	-2.38e-04
1826	31	-2.73e-03	0.01	-0.13	1.96e-03	-1.70e-03	-1.89e-04
1826	35	-4.59e-04	0.02	-0.18	2.37e-03	-1.69e-03	-1.78e-04
1826	37	-1.41e-03	0.02	-0.14	2.00e-03	-1.55e-03	-1.67e-04
1827	21	2.43e-03	0.04	-0.34	3.25e-03	-2.30e-03	-2.32e-04
1827	23	2.85e-03	0.04	-0.28	2.65e-03	-1.76e-03	-1.73e-04
1827	35	1.90e-03	0.03	-0.26	2.45e-03	-1.73e-03	-1.73e-04
1827	37	5.98e-04	0.03	-0.21	2.07e-03	-1.58e-03	-1.63e-04
1828	21	7.25e-03	0.07	-0.50	3.28e-03	-2.32e-03	-2.36e-04
1828	35	5.52e-03	0.05	-0.38	2.47e-03	-1.74e-03	-1.77e-04
1828	37	3.76e-03	0.04	-0.32	2.09e-03	-1.59e-03	-1.66e-04
1829	7	-0.01	-8.45e-04	-0.01	-3.30e-04	5.11e-04	-1.17e-03
1829	21	-8.11e-03	-1.22e-03	-3.91e-03	-2.79e-04	3.78e-04	-1.60e-03
1829	31	-7.36e-03	-7.16e-04	-7.06e-03	-2.42e-04	3.71e-04	-9.24e-04
1829	35	-6.07e-03	-9.65e-04	-2.86e-03	-2.08e-04	2.82e-04	-1.21e-03
1829	37	-6.21e-03	-9.19e-04	-4.60e-03	-2.05e-04	3.01e-04	-9.86e-04
1830	7	-9.64e-03	2.34e-04	-0.03	-4.86e-04	6.19e-04	7.97e-05
1830	23	-5.50e-03	-8.19e-04	-7.12e-03	-3.13e-04	2.88e-04	3.79e-05
1830	31	-7.06e-03	3.14e-05	-0.02	-3.58e-04	4.46e-04	5.76e-05
1830	35	-5.82e-03	-6.20e-04	-9.75e-03	-3.19e-04	3.24e-04	4.23e-05
1830	37	-5.96e-03	-4.25e-04	-0.01	-3.09e-04	3.55e-04	4.60e-05
1831	21	5.59e-03	0.06	-0.45	3.29e-03	-2.31e-03	-2.30e-04
1831	35	4.27e-03	0.04	-0.34	2.48e-03	-1.73e-03	-1.71e-04
1831	37	2.75e-03	0.04	-0.29	2.09e-03	-1.58e-03	-1.62e-04
1832	21	4.01e-03	0.05	-0.40	3.26e-03	-2.30e-03	-2.34e-04
1832	23	4.06e-03	0.04	-0.33	2.66e-03	-1.76e-03	-1.75e-04
1832	35	3.08e-03	0.04	-0.30	2.46e-03	-1.72e-03	-1.75e-04
1832	37	1.68e-03	0.03	-0.25	2.07e-03	-1.58e-03	-1.65e-04
1833	7	-9.40e-03	2.18e-03	-0.05	-6.49e-04	7.81e-04	9.63e-05
1833	31	-6.88e-03	1.43e-03	-0.03	-4.79e-04	5.68e-04	7.00e-05
1833	37	-5.81e-03	6.75e-04	-0.03	-4.15e-04	4.68e-04	5.75e-05
1834	7	5.18e-03	-8.56e-04	-0.02	-5.56e-04	-4.20e-04	0.0
1834	21	3.72e-03	-6.79e-04	-0.03	-4.67e-04	-5.28e-04	0.0
1834	31	3.76e-03	-6.41e-04	-0.01	-4.10e-04	-3.27e-04	0.0
1834	35	2.79e-03	-5.23e-04	-0.02	-3.51e-04	-3.99e-04	0.0
1834	37	3.07e-03	-5.87e-04	-0.02	-3.57e-04	-3.37e-04	0.0
1835	7	4.96e-03	-3.46e-04	-9.60e-03	-5.94e-04	-4.03e-04	0.0
1835	21	3.54e-03	-2.44e-04	-0.01	-5.06e-04	-5.04e-04	0.0
1835	31	3.60e-03	-2.64e-04	-7.56e-03	-4.39e-04	-3.13e-04	0.0
1835	35	2.65e-03	-1.97e-04	-9.76e-03	-3.81e-04	-3.80e-04	0.0
1835	37	2.93e-03	-2.59e-04	-8.10e-03	-3.85e-04	-3.22e-04	0.0
1836	7	5.06e-03	-6.00e-04	-0.01	-5.66e-04	-4.21e-04	0.0
1836	21	3.62e-03	-4.60e-04	-0.02	-4.77e-04	-5.28e-04	0.0
1836	31	3.67e-03	-4.52e-04	-0.01	-4.18e-04	-3.27e-04	0.0
1836	35	2.71e-03	-3.59e-04	-0.02	-3.59e-04	-3.98e-04	0.0
1836	37	2.99e-03	-4.22e-04	-0.01	-3.65e-04	-3.37e-04	0.0
1837	7	1.20e-03	-2.82e-03	-0.03	8.88e-05	2.15e-04	1.74e-05
1837	22	7.17e-04	-2.34e-03	-0.03	1.26e-04	1.40e-04	-4.67e-05
1837	31	8.44e-04	-2.07e-03	-0.02	7.10e-05	1.50e-04	5.95e-06
1837	36	5.19e-04	-1.75e-03	-0.03	9.55e-05	1.00e-04	-3.68e-05
1837	37	5.90e-04	-1.76e-03	-0.02	7.93e-05	1.03e-04	-1.69e-05
1838	7	1.01e-03	-2.49e-03	-0.04	8.73e-05	2.28e-04	5.39e-05
1838	8	8.79e-04	-2.39e-03	-0.04	9.97e-05	2.07e-04	4.06e-05
1838	31	7.06e-04	-1.83e-03	-0.03	6.91e-05	1.59e-04	3.58e-05
1838	32	6.16e-04	-1.76e-03	-0.03	7.74e-05	1.45e-04	2.69e-05
1838	37	4.76e-04	-1.57e-03	-0.03	7.51e-05	1.08e-04	1.83e-05
1839	7	2.13e-03	-2.08e-03	-0.03	1.76e-04	2.88e-05	0.0
1839	21	1.14e-03	-1.67e-03	-0.03	2.45e-04	-1.01e-04	0.0
1839	31	1.51e-03	-1.54e-03	-0.02	1.40e-04	8.80e-06	0.0
1839	35	8.51e-04	-1.26e-03	-0.02	1.86e-04	-7.77e-05	0.0

1839	37	1.11e-03	-1.35e-03	-0.02	1.52e-04	-3.22e-05	0.0
1840	7	4.29e-03	-8.73e-04	-0.07	-4.87e-04	-3.29e-04	0.0
1840	22	3.36e-03	-7.31e-04	-0.07	-4.29e-04	-4.29e-04	0.0
1840	31	3.10e-03	-6.54e-04	-0.05	-3.58e-04	-2.58e-04	0.0
1840	36	2.48e-03	-5.59e-04	-0.05	-3.20e-04	-3.25e-04	0.0
1840	37	2.49e-03	-5.98e-04	-0.05	-3.07e-04	-2.74e-04	0.0
1841	7	3.29e-03	-1.46e-03	-0.10	7.24e-05	2.25e-05	0.0
1841	22	2.43e-03	-1.26e-03	-0.11	1.40e-04	-8.44e-05	0.0
1841	31	2.36e-03	-1.08e-03	-0.08	6.24e-05	4.22e-06	0.0
1841	36	1.79e-03	-9.54e-04	-0.08	1.07e-04	-6.71e-05	0.0
1841	37	1.84e-03	-9.70e-04	-0.07	8.31e-05	-3.61e-05	0.0
1842	7	3.93e-03	-1.09e-03	-0.09	-3.33e-04	-2.26e-04	0.0
1842	22	3.03e-03	-9.25e-04	-0.09	-2.71e-04	-3.29e-04	0.0
1842	31	2.84e-03	-8.10e-04	-0.07	-2.42e-04	-1.81e-04	0.0
1842	36	2.23e-03	-7.03e-04	-0.07	-2.01e-04	-2.50e-04	0.0
1842	37	2.26e-03	-7.34e-04	-0.06	-1.99e-04	-2.04e-04	0.0
1843	7	2.50e-03	-1.89e-03	-0.06	4.53e-04	2.17e-04	0.0
1843	22	1.72e-03	-1.64e-03	-0.06	5.17e-04	1.10e-04	0.0
1843	31	1.78e-03	-1.40e-03	-0.04	3.47e-04	1.50e-04	0.0
1843	36	1.26e-03	-1.24e-03	-0.05	3.90e-04	7.83e-05	0.0
1843	37	1.34e-03	-1.24e-03	-0.04	3.43e-04	9.58e-05	0.0
1844	7	3.00e-03	-1.62e-03	-0.10	2.63e-04	1.34e-04	0.0
1844	22	2.17e-03	-1.41e-03	-0.10	3.30e-04	2.56e-05	0.0
1844	31	2.15e-03	-1.20e-03	-0.07	2.05e-04	8.71e-05	0.0
1844	36	1.60e-03	-1.06e-03	-0.08	2.50e-04	1.51e-05	0.0
1844	37	1.66e-03	-1.07e-03	-0.07	2.14e-04	3.90e-05	0.0
1845	7	3.60e-03	-1.28e-03	-0.10	-1.37e-04	-1.04e-04	0.0
1845	22	2.72e-03	-1.10e-03	-0.11	-7.14e-05	-2.09e-04	0.0
1845	31	2.59e-03	-9.53e-04	-0.08	-9.46e-05	-9.01e-05	0.0
1845	36	2.00e-03	-8.35e-04	-0.08	-5.10e-05	-1.60e-04	0.0
1845	37	2.04e-03	-8.58e-04	-0.07	-6.18e-05	-1.22e-04	0.0
1846	7	2.74e-03	-1.76e-03	-0.08	4.01e-04	2.07e-04	0.0
1846	22	1.93e-03	-1.53e-03	-0.08	4.67e-04	9.87e-05	0.0
1846	31	1.96e-03	-1.31e-03	-0.06	3.09e-04	1.42e-04	0.0
1846	36	1.42e-03	-1.16e-03	-0.06	3.53e-04	6.97e-05	0.0
1846	37	1.49e-03	-1.16e-03	-0.06	3.08e-04	8.85e-05	0.0
1847	7	2.29e-03	-2.00e-03	-0.04	3.83e-04	1.45e-04	0.0
1847	22	1.53e-03	-1.73e-03	-0.04	4.45e-04	3.99e-05	0.0
1847	31	1.62e-03	-1.48e-03	-0.03	2.94e-04	9.55e-05	0.0
1847	36	1.12e-03	-1.30e-03	-0.03	3.36e-04	2.56e-05	0.0
1847	37	1.21e-03	-1.30e-03	-0.03	2.94e-04	4.66e-05	0.0
1848	7	2.01e-03	-2.16e-03	-0.02	-4.13e-05	-2.83e-05	0.0
1848	21	1.06e-03	-1.71e-03	-0.03	3.56e-05	-1.53e-04	0.0
1848	31	1.42e-03	-1.59e-03	-0.02	-2.32e-05	-3.38e-05	0.0
1848	35	7.90e-04	-1.30e-03	-0.02	2.80e-05	-1.17e-04	0.0
1848	37	1.04e-03	-1.39e-03	-0.02	2.99e-06	-7.10e-05	0.0
1849	7	1.91e-03	-2.20e-03	-0.03	-1.51e-04	-1.46e-05	0.0
1849	22	1.25e-03	-1.87e-03	-0.03	-9.37e-05	-1.13e-04	0.0
1849	31	1.35e-03	-1.63e-03	-0.02	-1.05e-04	-2.36e-05	0.0
1849	36	9.08e-04	-1.41e-03	-0.02	-6.74e-05	-8.92e-05	0.0
1849	37	9.88e-04	-1.42e-03	-0.02	-7.31e-05	-6.16e-05	0.0
1850	7	1.80e-03	-2.27e-03	-0.03	-1.60e-04	3.61e-05	0.0
1850	22	1.17e-03	-1.92e-03	-0.04	-1.07e-04	-5.95e-05	0.0
1850	31	1.27e-03	-1.68e-03	-0.03	-1.13e-04	1.44e-05	0.0
1850	36	8.50e-04	-1.44e-03	-0.03	-7.78e-05	-4.93e-05	0.0
1850	37	9.25e-04	-1.45e-03	-0.03	-8.19e-05	-2.67e-05	0.0
1851	7	1.65e-03	-2.37e-03	-0.04	-9.51e-05	1.04e-04	0.0
1851	22	1.06e-03	-1.99e-03	-0.04	-4.86e-05	1.31e-05	0.0
1851	31	1.16e-03	-1.74e-03	-0.03	-6.53e-05	6.57e-05	0.0
1851	36	7.68e-04	-1.49e-03	-0.03	-3.43e-05	4.89e-06	0.0
1851	37	8.40e-04	-1.51e-03	-0.03	-4.11e-05	2.10e-05	0.0
1852	7	4.68e-03	-6.43e-04	-0.04	-5.69e-04	-3.97e-04	0.0
1852	22	3.72e-03	-5.20e-04	-0.04	-5.15e-04	-4.95e-04	0.0
1852	31	3.39e-03	-4.84e-04	-0.03	-4.20e-04	-3.09e-04	0.0
1852	36	2.75e-03	-4.02e-04	-0.03	-3.84e-04	-3.74e-04	0.0
1852	37	2.74e-03	-4.50e-04	-0.03	-3.66e-04	-3.20e-04	0.0
1853	7	1.41e-03	-2.50e-03	-0.04	5.91e-06	1.77e-04	0.0
1853	22	8.79e-04	-2.09e-03	-0.04	4.49e-05	9.19e-05	0.0
1853	31	9.94e-04	-1.84e-03	-0.03	9.31e-06	1.20e-04	0.0
1853	36	6.38e-04	-1.57e-03	-0.03	3.53e-05	6.38e-05	0.0
1853	37	7.08e-04	-1.58e-03	-0.03	2.39e-05	7.26e-05	0.0
1854	7	-4.34e-04	-6.35e-03	4.02e-03	-7.93e-05	-4.73e-04	-4.04e-05
1854	22	-5.15e-04	-5.36e-03	1.94e-03	-1.05e-04	-4.01e-04	-3.55e-05
1854	31	-3.28e-04	-4.65e-03	2.53e-03	-6.25e-05	-3.42e-04	-2.94e-05
1854	36	-3.82e-04	-3.99e-03	1.15e-03	-7.97e-05	-2.94e-04	-2.61e-05
1854	37	-3.10e-04	-3.92e-03	8.28e-04	-6.71e-05	-2.75e-04	-2.42e-05
1855	7	-4.34e-04	-7.20e-03	0.02	-8.97e-05	-9.01e-05	-9.18e-06

1855	22	-5.23e-04	-6.07e-03	0.01	-1.07e-04	-4.85e-05	-7.29e-06
1855	31	-3.29e-04	-5.26e-03	0.01	-6.89e-05	-6.11e-05	-6.53e-06
1855	36	-3.88e-04	-4.51e-03	7.40e-03	-8.08e-05	-3.33e-05	-5.27e-06
1855	37	-3.14e-04	-4.40e-03	6.82e-03	-6.88e-05	-3.58e-05	-4.90e-06
1856	7	-4.91e-04	-6.94e-03	0.01	-7.64e-05	1.10e-04	9.66e-06
1856	22	-5.85e-04	-5.79e-03	7.36e-03	-8.44e-05	1.28e-04	9.29e-06
1856	31	-3.72e-04	-5.06e-03	8.98e-03	-5.77e-05	8.45e-05	7.21e-06
1856	36	-4.35e-04	-4.30e-03	4.92e-03	-6.30e-05	9.62e-05	6.95e-06
1856	37	-3.55e-04	-4.21e-03	4.80e-03	-5.43e-05	8.35e-05	6.51e-06
1857	7	-5.48e-04	-6.10e-03	5.94e-03	-3.61e-05	1.75e-04	1.84e-05
1857	22	-6.49e-04	-5.03e-03	-4.66e-04	-3.52e-05	1.72e-04	1.64e-05
1857	31	-4.16e-04	-4.44e-03	3.36e-03	-2.64e-05	1.29e-04	1.35e-05
1857	36	-4.83e-04	-3.72e-03	-9.08e-04	-2.58e-05	1.27e-04	1.22e-05
1857	37	-3.97e-04	-3.67e-03	-3.49e-04	-2.23e-05	1.14e-04	1.15e-05
1858	7	-5.68e-04	-5.10e-03	-2.07e-03	2.36e-05	1.58e-04	2.03e-05
1858	21	-6.70e-04	-3.72e-03	-9.71e-03	3.29e-05	1.20e-04	1.56e-05
1858	22	-6.80e-04	-4.15e-03	-7.87e-03	3.12e-05	1.36e-04	1.73e-05
1858	31	-4.32e-04	-3.71e-03	-2.49e-03	1.90e-05	1.14e-04	1.48e-05
1858	35	-5.00e-04	-2.79e-03	-7.58e-03	2.52e-05	8.90e-05	1.16e-05
1858	36	-5.06e-04	-3.08e-03	-6.36e-03	2.41e-05	9.93e-05	1.28e-05
1858	37	-4.16e-04	-3.06e-03	-5.26e-03	2.17e-05	9.07e-05	1.22e-05
1859	7	-5.30e-04	-4.15e-03	-8.19e-03	9.29e-05	1.23e-04	1.91e-05
1859	21	-6.55e-04	-3.03e-03	-0.01	1.04e-04	6.36e-05	1.37e-05
1859	22	-6.60e-04	-3.37e-03	-0.01	1.04e-04	8.55e-05	1.55e-05
1859	31	-4.05e-04	-3.03e-03	-6.81e-03	7.13e-05	8.52e-05	1.38e-05
1859	35	-4.89e-04	-2.27e-03	-0.01	7.85e-05	4.58e-05	1.02e-05
1859	36	-4.92e-04	-2.50e-03	-9.69e-03	7.88e-05	5.84e-05	1.14e-05
1859	37	-3.98e-04	-2.51e-03	-8.38e-03	7.06e-05	5.68e-05	1.11e-05
1860	7	-4.35e-04	-3.30e-03	-0.01	1.56e-04	1.43e-04	1.79e-05
1860	21	-5.94e-04	-2.44e-03	-0.02	1.65e-04	6.01e-05	1.23e-05
1860	31	-3.37e-04	-2.41e-03	-0.01	1.19e-04	9.83e-05	1.29e-05
1860	35	-4.43e-04	-1.84e-03	-0.01	1.25e-04	4.29e-05	9.17e-06
1860	37	-3.45e-04	-2.02e-03	-0.01	1.14e-04	6.17e-05	1.02e-05
1861	7	-1.07e-03	-3.97e-03	-0.03	-8.83e-05	-9.98e-04	-7.29e-05
1861	8	-1.12e-03	-3.83e-03	-0.02	-1.04e-04	-9.96e-04	-7.28e-05
1861	31	-7.92e-04	-2.92e-03	-0.02	-6.96e-05	-7.29e-04	-5.33e-05
1861	32	-8.25e-04	-2.83e-03	-0.02	-8.03e-05	-7.32e-04	-5.32e-05
1861	37	-7.02e-04	-2.53e-03	-0.02	-7.50e-05	-6.09e-04	-4.46e-05
1862	7	-1.40e-03	-4.25e-03	-0.02	-1.29e-04	-9.67e-04	-7.13e-05
1862	8	-1.45e-03	-4.15e-03	-0.02	-1.48e-04	-9.67e-04	-7.12e-05
1862	31	-1.03e-03	-3.14e-03	-0.01	-1.00e-04	-7.07e-04	-5.21e-05
1862	32	-1.07e-03	-3.08e-03	-0.01	-1.13e-04	-7.07e-04	-5.21e-05
1862	37	-9.10e-04	-2.76e-03	-0.01	-1.03e-04	-5.93e-04	-4.38e-05
1863	7	-1.96e-03	-4.61e-03	-0.01	-1.60e-04	-9.96e-04	-7.75e-05
1863	8	-2.01e-03	-4.57e-03	-9.21e-03	-1.79e-04	-1.00e-03	-7.75e-05
1863	31	-1.45e-03	-3.42e-03	-7.87e-03	-1.23e-04	-7.30e-04	-5.67e-05
1863	32	-1.48e-03	-3.39e-03	-6.44e-03	-1.36e-04	-7.33e-04	-5.68e-05
1863	37	-1.26e-03	-3.04e-03	-5.20e-03	-1.23e-04	-6.17e-04	-4.79e-05
1864	7	-2.81e-03	-5.01e-03	-2.84e-03	-1.46e-04	-1.06e-03	-8.75e-05
1864	8	-2.84e-03	-5.00e-03	1.19e-05	-1.59e-04	-1.07e-03	-8.77e-05
1864	23	-1.77e-03	-3.26e-03	7.27e-03	-1.34e-04	-6.58e-04	-5.27e-05
1864	31	-2.06e-03	-3.73e-03	-1.39e-03	-1.12e-04	-7.77e-04	-6.41e-05
1864	32	-2.08e-03	-3.73e-03	5.05e-04	-1.20e-04	-7.84e-04	-6.43e-05
1864	35	-1.81e-03	-3.35e-03	4.83e-03	-1.26e-04	-6.76e-04	-5.47e-05
1864	37	-1.77e-03	-3.35e-03	1.03e-03	-1.09e-04	-6.63e-04	-5.44e-05
1865	8	-3.96e-03	-5.31e-03	7.04e-03	-6.08e-05	-1.15e-03	-9.98e-05
1865	21	-3.33e-03	-4.75e-03	0.01	-5.40e-05	-9.87e-04	-8.42e-05
1865	32	-2.91e-03	-3.96e-03	5.77e-03	-4.55e-05	-8.42e-04	-7.32e-05
1865	35	-2.49e-03	-3.58e-03	9.97e-03	-4.10e-05	-7.36e-04	-6.28e-05
1865	37	-2.47e-03	-3.57e-03	5.75e-03	-4.19e-05	-7.16e-04	-6.20e-05
1866	7	-5.44e-03	-5.27e-03	5.41e-03	1.12e-04	-1.20e-03	-1.12e-04
1866	21	-4.52e-03	-4.66e-03	0.01	1.64e-04	-1.06e-03	-9.56e-05
1866	31	-3.98e-03	-3.93e-03	4.71e-03	8.82e-05	-8.84e-04	-8.21e-05
1866	35	-3.37e-03	-3.52e-03	0.01	1.22e-04	-7.92e-04	-7.13e-05
1866	37	-3.37e-03	-3.54e-03	6.40e-03	9.35e-05	-7.65e-04	-7.01e-05
1867	7	-7.30e-03	-4.70e-03	-2.33e-03	3.85e-04	-1.25e-03	-1.24e-04
1867	23	-4.29e-03	-2.79e-03	2.85e-03	4.05e-04	-6.18e-04	-7.71e-05
1867	31	-5.34e-03	-3.48e-03	-1.39e-03	2.98e-04	-9.20e-04	-9.08e-05
1867	35	-4.49e-03	-2.94e-03	1.67e-03	3.70e-04	-8.30e-04	-7.92e-05
1867	37	-4.51e-03	-3.08e-03	-1.36e-04	3.03e-04	-7.98e-04	-7.77e-05
1868	7	-1.78e-04	-2.62e-03	-0.02	1.53e-04	2.15e-04	-1.48e-04
1868	21	-3.27e-04	-1.75e-03	-0.03	1.75e-04	1.22e-04	-8.27e-05
1868	22	-3.20e-04	-1.99e-03	-0.03	1.75e-04	1.51e-04	-1.00e-04
1868	31	-1.40e-04	-1.90e-03	-0.02	1.17e-04	1.51e-04	-1.06e-04
1868	35	-2.39e-04	-1.32e-03	-0.02	1.32e-04	8.95e-05	-6.17e-05
1868	36	-2.35e-04	-1.48e-03	-0.02	1.32e-04	1.09e-04	-7.35e-05
1868	37	-1.51e-04	-1.54e-03	-0.02	1.17e-04	1.08e-04	-7.88e-05

1869	7	-8.14e-03	-7.18e-03	0.02	5.07e-04	-1.34e-03	-1.39e-03
1869	8	-8.12e-03	-7.06e-03	0.02	5.72e-04	-1.37e-03	-1.50e-03
1869	31	-5.95e-03	-5.29e-03	0.02	3.94e-04	-9.88e-04	-1.06e-03
1869	32	-5.94e-03	-5.21e-03	0.02	4.37e-04	-1.01e-03	-1.13e-03
1869	37	-5.02e-03	-4.57e-03	0.01	4.04e-04	-8.60e-04	-1.03e-03
1870	7	-3.60e-04	-7.50e-03	0.02	-1.69e-04	1.25e-04	1.02e-05
1870	21	-5.02e-04	-5.80e-03	0.01	-1.71e-04	1.68e-04	1.32e-05
1870	31	-2.78e-04	-5.48e-03	0.02	-1.26e-04	9.81e-05	7.97e-06
1870	35	-3.73e-04	-4.34e-03	0.01	-1.28e-04	1.27e-04	9.99e-06
1870	37	-2.82e-04	-4.59e-03	0.01	-1.16e-04	1.05e-04	8.32e-06
1871	7	-2.68e-04	-5.29e-03	-2.67e-04	-1.14e-05	2.37e-04	1.56e-05
1871	21	-4.40e-04	-3.82e-03	-8.96e-03	7.50e-06	2.10e-04	1.41e-05
1871	23	-3.79e-04	-2.57e-03	-9.06e-03	1.05e-05	1.54e-04	1.04e-05
1871	31	-2.11e-04	-3.84e-03	-1.27e-03	-6.29e-06	1.75e-04	1.15e-05
1871	35	-3.26e-04	-2.86e-03	-7.07e-03	6.34e-06	1.57e-04	1.05e-05
1871	37	-2.28e-04	-3.15e-03	-4.54e-03	1.40e-06	1.50e-04	1.00e-05
1872	7	-8.22e-04	-8.13e-03	0.03	-3.29e-04	-3.85e-04	2.47e-05
1872	8	-8.83e-04	-8.01e-03	0.03	-3.54e-04	-3.71e-04	2.77e-05
1872	22	-9.02e-04	-7.17e-03	0.03	-3.68e-04	-3.04e-04	3.13e-05
1872	31	-6.15e-04	-5.97e-03	0.02	-2.49e-04	-2.75e-04	1.92e-05
1872	32	-6.56e-04	-5.89e-03	0.02	-2.66e-04	-2.66e-04	2.12e-05
1872	36	-6.69e-04	-5.33e-03	0.02	-2.75e-04	-2.21e-04	2.36e-05
1872	37	-5.64e-04	-5.11e-03	0.02	-2.36e-04	-2.12e-04	1.98e-05
1873	7	-2.18e-04	-3.19e-03	-0.02	1.30e-04	1.95e-04	1.96e-05
1873	21	-3.79e-04	-2.20e-03	-0.02	1.53e-04	1.19e-04	1.44e-05
1873	31	-1.72e-04	-2.32e-03	-0.01	1.00e-04	1.38e-04	1.42e-05
1873	35	-2.79e-04	-1.65e-03	-0.02	1.16e-04	8.72e-05	1.07e-05
1873	37	-1.85e-04	-1.89e-03	-0.01	1.01e-04	1.01e-04	1.13e-05
1874	7	-3.15e-04	-6.74e-03	0.01	-1.04e-04	2.14e-04	1.09e-05
1874	21	-4.69e-04	-5.07e-03	4.39e-03	-9.66e-05	2.25e-04	1.12e-05
1874	31	-2.46e-04	-4.91e-03	9.10e-03	-7.72e-05	1.62e-04	8.20e-06
1874	35	-3.48e-04	-3.80e-03	2.91e-03	-7.19e-05	1.68e-04	8.38e-06
1874	37	-2.55e-04	-4.08e-03	4.74e-03	-6.74e-05	1.52e-04	7.61e-06
1875	7	-2.81e-04	-6.06e-03	7.03e-03	-6.10e-05	2.41e-04	1.73e-05
1875	21	-4.48e-04	-4.48e-03	-2.24e-03	-4.68e-05	2.32e-04	1.70e-05
1875	31	-2.21e-04	-4.41e-03	4.13e-03	-4.39e-05	1.80e-04	1.29e-05
1875	35	-3.32e-04	-3.35e-03	-2.05e-03	-3.45e-05	1.74e-04	1.27e-05
1875	37	-2.36e-04	-3.64e-03	1.94e-04	-3.48e-05	1.61e-04	1.17e-05
1876	7	-1.00e-04	-3.02e-03	-0.02	1.11e-04	2.20e-04	-7.96e-05
1876	21	-2.79e-04	-1.98e-03	-0.03	1.43e-04	1.45e-04	-6.58e-05
1876	31	-8.39e-05	-2.18e-03	-0.02	8.65e-05	1.56e-04	-5.84e-05
1876	35	-2.03e-04	-1.49e-03	-0.02	1.08e-04	1.07e-04	-4.92e-05
1876	37	-1.05e-04	-1.75e-03	-0.02	9.10e-05	1.18e-04	-4.96e-05
1877	8	-2.95e-03	-8.36e-03	0.04	-2.38e-04	-1.08e-03	-5.85e-05
1877	22	-2.71e-03	-7.77e-03	0.04	-2.48e-04	-9.99e-04	-5.37e-05
1877	32	-2.16e-03	-6.19e-03	0.03	-1.79e-04	-7.92e-04	-4.29e-05
1877	36	-2.01e-03	-5.80e-03	0.03	-1.86e-04	-7.39e-04	-3.97e-05
1877	37	-1.84e-03	-5.45e-03	0.03	-1.62e-04	-6.72e-04	-3.62e-05
1878	7	-4.78e-04	-5.33e-03	-9.46e-03	-7.46e-05	-7.56e-04	-6.14e-05
1878	22	-5.51e-04	-4.46e-03	-9.61e-03	-1.03e-04	-6.62e-04	-5.46e-05
1878	31	-3.60e-04	-3.90e-03	-7.23e-03	-5.95e-05	-5.50e-04	-4.48e-05
1878	36	-4.08e-04	-3.33e-03	-7.33e-03	-7.83e-05	-4.87e-04	-4.02e-05
1878	37	-3.35e-04	-3.30e-03	-7.08e-03	-6.60e-05	-4.53e-04	-3.73e-05
1879	7	-7.34e-03	-0.01	0.09	3.20e-04	-1.53e-03	5.87e-04
1879	8	-7.31e-03	-0.01	0.10	3.72e-04	-1.58e-03	6.27e-04
1879	31	-5.37e-03	-0.01	0.07	2.52e-04	-1.14e-03	4.42e-04
1879	32	-5.35e-03	-0.01	0.07	2.87e-04	-1.17e-03	4.68e-04
1879	37	-4.51e-03	-9.01e-03	0.06	2.70e-04	-1.01e-03	4.11e-04
1880	7	-5.81e-03	-0.01	0.09	5.45e-05	-1.40e-03	-6.99e-05
1880	8	-5.80e-03	-0.01	0.10	7.64e-05	-1.43e-03	-7.10e-05
1880	31	-4.25e-03	-0.01	0.07	4.62e-05	-1.03e-03	-5.15e-05
1880	32	-4.24e-03	-0.01	0.07	6.08e-05	-1.06e-03	-5.22e-05
1880	37	-3.59e-03	-8.86e-03	0.06	5.94e-05	-9.13e-04	-4.45e-05
1881	7	-4.58e-03	-0.01	0.09	-1.15e-04	-1.29e-03	-7.55e-05
1881	8	-4.58e-03	-0.01	0.10	-1.12e-04	-1.32e-03	-7.72e-05
1881	31	-3.36e-03	-9.68e-03	0.07	-8.48e-05	-9.50e-04	-5.58e-05
1881	32	-3.35e-03	-9.74e-03	0.07	-8.32e-05	-9.70e-04	-5.69e-05
1881	37	-2.84e-03	-8.48e-03	0.06	-7.38e-05	-8.32e-04	-4.88e-05
1882	8	-3.57e-03	-0.01	0.09	-2.41e-04	-1.20e-03	-7.85e-05
1882	32	-2.62e-03	-9.13e-03	0.06	-1.81e-04	-8.82e-04	-5.79e-05
1882	37	-2.22e-03	-7.95e-03	0.06	-1.63e-04	-7.53e-04	-4.97e-05
1883	8	-2.75e-03	-0.01	0.08	-3.29e-04	-1.08e-03	-5.39e-05
1883	32	-2.02e-03	-8.41e-03	0.06	-2.47e-04	-7.93e-04	-3.94e-05
1883	37	-1.72e-03	-7.32e-03	0.05	-2.23e-04	-6.73e-04	-3.31e-05
1884	7	-2.06e-03	-0.01	0.06	-3.57e-04	-9.37e-04	-5.39e-05
1884	8	-2.09e-03	-0.01	0.06	-3.84e-04	-9.44e-04	-5.41e-05
1884	31	-1.51e-03	-7.64e-03	0.04	-2.71e-04	-6.87e-04	-3.94e-05

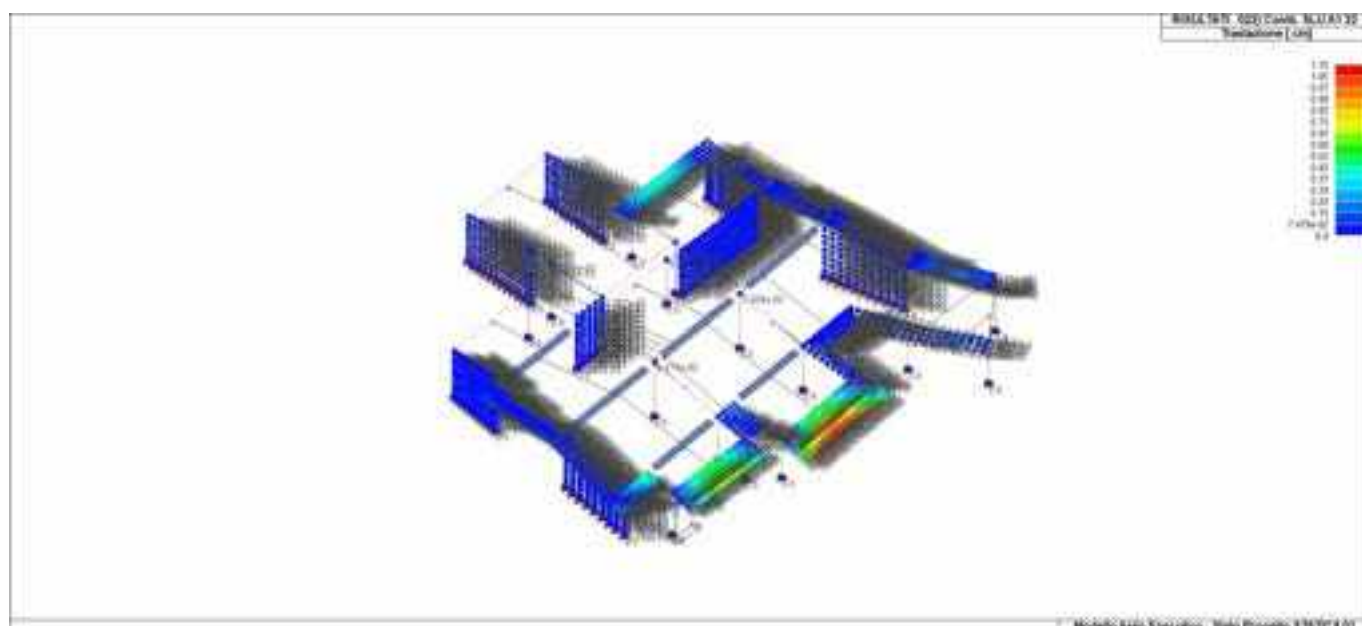
1884	32	-1.54e-03	-7.63e-03	0.05	-2.89e-04	-6.91e-04	-3.96e-05
1884	37	-1.31e-03	-6.63e-03	0.04	-2.60e-04	-5.83e-04	-3.33e-05
1885	7	-1.48e-03	-9.30e-03	0.05	-3.78e-04	-7.61e-04	-6.38e-05
1885	8	-1.53e-03	-9.24e-03	0.05	-4.08e-04	-7.59e-04	-6.44e-05
1885	31	-1.10e-03	-6.85e-03	0.03	-2.87e-04	-5.55e-04	-4.68e-05
1885	32	-1.13e-03	-6.80e-03	0.03	-3.07e-04	-5.53e-04	-4.72e-05
1885	37	-9.64e-04	-5.91e-03	0.03	-2.74e-04	-4.62e-04	-3.99e-05
1886	7	-4.05e-04	-8.15e-03	0.03	-2.60e-04	1.46e-05	-9.66e-06
1886	8	-4.79e-04	-8.01e-03	0.03	-2.75e-04	3.57e-05	-8.97e-06
1886	21	-5.56e-04	-6.51e-03	0.03	-2.67e-04	9.42e-05	-5.14e-06
1886	31	-3.12e-04	-5.98e-03	0.02	-1.95e-04	1.94e-05	-6.75e-06
1886	32	-3.62e-04	-5.88e-03	0.02	-2.05e-04	2.41e-05	-6.29e-06
1886	35	-4.13e-04	-4.88e-03	0.02	-1.99e-04	7.24e-05	-3.74e-06
1886	37	-3.14e-04	-5.07e-03	0.02	-1.79e-04	4.44e-05	-4.65e-06
1887	7	-1.54e-04	-7.75e-03	0.03	-1.93e-04	1.94e-04	1.29e-05
1887	21	-3.69e-04	-6.05e-03	0.02	-1.87e-04	2.41e-04	1.57e-05
1887	31	-1.30e-04	-5.67e-03	0.02	-1.43e-04	1.50e-04	9.97e-06
1887	35	-2.73e-04	-4.54e-03	0.01	-1.40e-04	1.82e-04	1.18e-05
1887	37	-1.63e-04	-4.76e-03	0.01	-1.28e-04	1.54e-04	1.01e-05
1888	7	2.81e-05	-7.05e-03	0.02	-1.29e-04	2.81e-04	2.12e-05
1888	23	-2.39e-04	-3.69e-03	5.15e-03	-8.44e-05	2.36e-04	1.74e-05
1888	31	3.56e-06	-5.14e-03	0.01	-9.50e-05	2.12e-04	1.60e-05
1888	35	-1.68e-04	-4.02e-03	7.06e-03	-8.54e-05	2.26e-04	1.68e-05
1888	37	-5.18e-05	-4.28e-03	8.65e-03	-8.13e-05	2.02e-04	1.50e-05
1889	7	1.51e-04	-6.18e-03	0.01	-6.81e-05	3.14e-04	1.61e-05
1889	23	-1.73e-04	-3.08e-03	-2.72e-03	-3.04e-05	2.39e-04	1.21e-05
1889	31	9.37e-05	-4.49e-03	6.25e-03	-4.84e-05	2.35e-04	1.21e-05
1889	35	-9.64e-05	-3.40e-03	-5.53e-04	-3.42e-05	2.34e-04	1.19e-05
1889	37	2.52e-05	-3.69e-03	1.78e-03	-3.64e-05	2.15e-04	1.09e-05
1890	7	2.12e-04	-5.23e-03	-1.37e-04	-1.12e-05	3.13e-04	1.83e-05
1890	23	-1.38e-04	-2.46e-03	-0.01	1.88e-05	2.18e-04	1.26e-05
1890	31	1.39e-04	-3.79e-03	-1.32e-03	-5.25e-06	2.32e-04	1.36e-05
1890	35	-5.91e-05	-2.77e-03	-7.94e-03	1.27e-05	2.18e-04	1.26e-05
1890	37	6.55e-05	-3.08e-03	-5.05e-03	5.05e-06	2.05e-04	1.19e-05
1891	7	2.01e-04	-4.29e-03	-9.86e-03	3.93e-05	2.93e-04	1.97e-05
1891	21	-9.56e-05	-2.89e-03	-0.02	7.11e-05	2.54e-04	1.73e-05
1891	31	1.31e-04	-3.10e-03	-8.50e-03	3.31e-05	2.15e-04	1.45e-05
1891	35	-6.62e-05	-2.16e-03	-0.01	5.43e-05	1.89e-04	1.29e-05
1891	37	6.08e-05	-2.48e-03	-0.01	4.18e-05	1.83e-04	1.24e-05
1892	7	9.41e-05	-3.42e-03	-0.02	7.49e-05	2.63e-04	8.57e-05
1892	21	-1.89e-04	-2.17e-03	-0.03	1.13e-04	2.06e-04	9.07e-05
1892	23	-2.14e-04	-1.36e-03	-0.02	9.64e-05	1.44e-04	7.07e-05
1892	31	5.34e-05	-2.46e-03	-0.02	6.04e-05	1.91e-04	6.46e-05
1892	35	-1.35e-04	-1.63e-03	-0.02	8.59e-05	1.53e-04	6.79e-05
1892	37	-4.90e-06	-1.94e-03	-0.02	6.88e-05	1.55e-04	6.04e-05
1893	7	-3.68e-04	-2.87e-03	-0.02	1.78e-04	2.06e-04	1.71e-05
1893	8	-4.45e-04	-2.75e-03	-0.02	1.86e-04	1.90e-04	1.64e-05
1893	21	-5.48e-04	-2.14e-03	-0.02	1.85e-04	1.08e-04	1.17e-05
1893	31	-2.89e-04	-2.10e-03	-0.01	1.35e-04	1.44e-04	1.23e-05
1893	32	-3.40e-04	-2.02e-03	-0.01	1.40e-04	1.33e-04	1.18e-05
1893	35	-4.08e-04	-1.62e-03	-0.01	1.40e-04	7.85e-05	8.67e-06
1893	37	-3.06e-04	-1.78e-03	-0.01	1.28e-04	9.97e-05	9.67e-06
1894	7	-4.89e-04	-3.72e-03	-0.01	1.27e-04	1.21e-04	1.84e-05
1894	21	-6.30e-04	-2.73e-03	-0.01	1.37e-04	5.01e-05	1.29e-05
1894	22	-6.30e-04	-3.03e-03	-0.01	1.39e-04	7.11e-05	1.47e-05
1894	31	-3.76e-04	-2.72e-03	-8.47e-03	9.66e-05	8.24e-05	1.33e-05
1894	35	-4.70e-04	-2.05e-03	-0.01	1.03e-04	3.54e-05	9.60e-06
1894	36	-4.70e-04	-2.25e-03	-0.01	1.05e-04	4.95e-05	1.08e-05
1894	37	-3.76e-04	-2.26e-03	-9.35e-03	9.39e-05	5.07e-05	1.05e-05
1895	7	-5.57e-04	-4.61e-03	-5.40e-03	5.78e-05	1.39e-04	1.98e-05
1895	21	-6.69e-04	-3.35e-03	-0.01	6.84e-05	9.01e-05	1.47e-05
1895	22	-6.77e-04	-3.74e-03	-0.01	6.77e-05	1.07e-04	1.65e-05
1895	31	-4.24e-04	-3.36e-03	-4.87e-03	4.49e-05	9.81e-05	1.44e-05
1895	35	-4.99e-04	-2.52e-03	-9.28e-03	5.19e-05	6.59e-05	1.10e-05
1895	36	-5.04e-04	-2.78e-03	-8.31e-03	5.14e-05	7.74e-05	1.22e-05
1895	37	-4.12e-04	-2.77e-03	-7.06e-03	4.61e-05	7.23e-05	1.17e-05
1896	7	-5.64e-04	-5.60e-03	1.78e-03	-8.15e-06	1.73e-04	2.00e-05
1896	22	-6.70e-04	-4.58e-03	-4.43e-03	-3.54e-06	1.60e-04	1.74e-05
1896	23	-5.28e-04	-2.78e-03	-7.18e-03	0.0	1.06e-04	1.11e-05
1896	31	-4.28e-04	-4.08e-03	3.04e-04	-5.06e-06	1.26e-04	1.46e-05
1896	35	-4.91e-04	-3.08e-03	-5.29e-03	0.0	1.09e-04	1.18e-05
1896	36	-4.99e-04	-3.40e-03	-3.84e-03	-1.98e-06	1.18e-04	1.29e-05
1896	37	-4.11e-04	-3.36e-03	-2.97e-03	-1.38e-06	1.06e-04	1.22e-05
1897	7	-5.22e-04	-6.56e-03	0.01	-5.93e-05	1.56e-04	1.51e-05
1897	22	-6.19e-04	-5.44e-03	3.65e-03	-6.25e-05	1.63e-04	1.39e-05
1897	31	-3.96e-04	-4.78e-03	6.40e-03	-4.42e-05	1.17e-04	1.11e-05
1897	36	-4.61e-04	-4.04e-03	2.15e-03	-4.64e-05	1.22e-04	1.03e-05

1897	37	-3.78e-04	-3.96e-03	2.37e-03	-4.01e-05	1.08e-04	9.68e-06
1898	7	-4.59e-04	-7.17e-03	0.02	-8.67e-05	3.01e-05	1.67e-06
1898	22	-5.51e-04	-6.03e-03	9.95e-03	-9.96e-05	5.91e-05	2.33e-06
1898	31	-3.48e-04	-5.24e-03	0.01	-6.61e-05	2.65e-05	1.39e-06
1898	36	-4.09e-04	-4.47e-03	6.89e-03	-7.46e-05	4.59e-05	1.83e-06
1898	37	-3.33e-04	-4.37e-03	6.48e-03	-6.40e-05	3.69e-05	1.71e-06
1899	7	-4.22e-04	-6.95e-03	0.01	-8.61e-05	-2.56e-04	-2.31e-05
1899	22	-5.08e-04	-5.88e-03	8.25e-03	-1.08e-04	-2.00e-04	-1.98e-05
1899	31	-3.20e-04	-5.08e-03	8.14e-03	-6.70e-05	-1.82e-04	-1.67e-05
1899	36	-3.77e-04	-4.37e-03	5.75e-03	-8.18e-05	-1.45e-04	-1.45e-05
1899	37	-3.05e-04	-4.27e-03	5.18e-03	-6.92e-05	-1.38e-04	-1.35e-05
1900	7	-6.46e-04	-7.34e-03	0.02	-1.84e-04	-3.28e-04	-1.96e-05
1900	8	-7.04e-04	-7.19e-03	0.02	-2.02e-04	-3.16e-04	-1.88e-05
1900	22	-7.32e-04	-6.35e-03	0.02	-2.16e-04	-2.58e-04	-1.51e-05
1900	31	-4.86e-04	-5.39e-03	0.01	-1.41e-04	-2.34e-04	-1.40e-05
1900	32	-5.24e-04	-5.28e-03	0.01	-1.52e-04	-2.26e-04	-1.34e-05
1900	36	-5.43e-04	-4.72e-03	0.01	-1.62e-04	-1.87e-04	-1.10e-05
1900	37	-4.50e-04	-4.57e-03	0.01	-1.37e-04	-1.79e-04	-1.06e-05
1901	7	-8.39e-04	-6.06e-03	7.82e-04	-9.92e-05	-6.43e-04	-2.35e-05
1901	8	-8.91e-04	-5.91e-03	1.10e-03	-1.16e-04	-6.36e-04	-2.28e-05
1901	31	-6.25e-04	-4.45e-03	4.16e-04	-7.79e-05	-4.67e-04	-1.69e-05
1901	32	-6.59e-04	-4.35e-03	6.28e-04	-8.89e-05	-4.62e-04	-1.64e-05
1901	37	-5.62e-04	-3.79e-03	-1.56e-04	-8.29e-05	-3.81e-04	-1.31e-05
1902	7	-5.29e-04	-7.20e-03	0.02	-1.34e-04	-2.45e-04	-1.83e-05
1902	22	-6.18e-04	-6.15e-03	0.01	-1.60e-04	-1.85e-04	-1.36e-05
1902	31	-3.99e-04	-5.27e-03	0.01	-1.03e-04	-1.74e-04	-1.29e-05
1902	36	-4.59e-04	-4.57e-03	9.09e-03	-1.20e-04	-1.34e-04	-9.82e-06
1902	37	-3.75e-04	-4.45e-03	8.06e-03	-1.02e-04	-1.29e-04	-9.55e-06
1903	7	-3.85e-04	-4.50e-03	-6.77e-03	5.18e-05	1.79e-04	1.27e-05
1903	21	-5.29e-04	-3.23e-03	-0.01	6.96e-05	1.32e-04	1.02e-05
1903	31	-2.97e-04	-3.27e-03	-5.95e-03	4.11e-05	1.29e-04	9.25e-06
1903	35	-3.93e-04	-2.42e-03	-0.01	5.29e-05	9.72e-05	7.53e-06
1903	37	-3.01e-04	-2.69e-03	-8.20e-03	4.48e-05	1.01e-04	7.55e-06
1904	7	-3.64e-04	-3.96e-03	-0.01	9.49e-05	1.63e-04	1.18e-06
1904	21	-5.12e-04	-2.82e-03	-0.02	1.13e-04	1.03e-04	-2.35e-06
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1905	21	-5.50e-04	-3.68e-03	-0.01	2.70e-05	1.59e-04	7.26e-06
1905	31	-3.19e-04	-3.69e-03	-2.64e-03	1.05e-05	1.41e-04	7.05e-06
1905	35	-4.09e-04	-2.76e-03	-7.96e-03	2.09e-05	1.18e-04	5.36e-06
1905	37	-3.19e-04	-3.04e-03	-5.53e-03	1.58e-05	1.17e-04	5.54e-06
1906	7	-4.18e-04	-5.56e-03	1.83e-03	-2.05e-05	2.05e-04	1.01e-05
1906	22	-5.51e-04	-4.54e-03	-4.53e-03	-1.14e-05	1.95e-04	9.70e-06
1906	23	-4.53e-04	-2.75e-03	-7.35e-03	-2.13e-06	1.32e-04	6.63e-06
1906	31	-3.21e-04	-4.05e-03	3.16e-04	-1.36e-05	1.51e-04	7.43e-06
1906	35	-4.09e-04	-3.05e-03	-5.42e-03	-4.80e-06	1.35e-04	6.71e-06
1906	36	-4.10e-04	-3.37e-03	-3.93e-03	-7.58e-06	1.44e-04	7.16e-06
1906	37	-3.20e-04	-3.33e-03	-3.05e-03	-7.26e-06	1.29e-04	6.40e-06
1907	7	-4.16e-04	-6.10e-03	6.58e-03	-5.37e-05	2.05e-04	1.37e-05
1907	22	-5.45e-04	-5.02e-03	9.71e-05	-4.86e-05	2.06e-04	1.36e-05
1907	31	-3.20e-04	-4.44e-03	3.83e-03	-3.89e-05	1.53e-04	1.01e-05
1907	36	-4.05e-04	-3.72e-03	-5.00e-04	-3.55e-05	1.53e-04	1.01e-05
1907	37	-3.18e-04	-3.67e-03	1.13e-05	-3.17e-05	1.36e-04	8.96e-06
1908	7	-3.33e-04	-3.43e-03	-0.01	1.38e-04	1.61e-04	1.07e-05
1908	21	-4.87e-04	-2.44e-03	-0.02	1.54e-04	8.63e-05	5.92e-06
1908	31	-2.59e-04	-2.49e-03	-0.01	1.06e-04	1.12e-04	7.51e-06
1908	35	-3.61e-04	-1.84e-03	-0.01	1.17e-04	6.26e-05	4.31e-06
1908	37	-2.67e-04	-2.06e-03	-0.01	1.04e-04	7.71e-05	5.24e-06
1909	7	-4.22e-04	-6.67e-03	0.01	-8.74e-05	1.79e-04	1.07e-05
1909	22	-5.43e-04	-5.55e-03	5.57e-03	-8.81e-05	1.92e-04	1.13e-05
1909	31	-3.23e-04	-4.86e-03	7.80e-03	-6.48e-05	1.35e-04	8.05e-06
1909	36	-4.04e-04	-4.12e-03	3.58e-03	-6.53e-05	1.43e-04	8.42e-06
1909	37	-3.19e-04	-4.03e-03	3.62e-03	-5.74e-05	1.26e-04	7.43e-06
1910	7	-4.29e-04	-7.14e-03	0.02	-1.17e-04	1.13e-04	7.60e-06
1910	22	-5.42e-04	-6.00e-03	0.01	-1.24e-04	1.39e-04	9.20e-06
1910	31	-3.27e-04	-5.21e-03	0.01	-8.75e-05	8.76e-05	5.87e-06
1910	36	-4.03e-04	-4.45e-03	7.33e-03	-9.25e-05	1.05e-04	6.94e-06
1910	37	-3.20e-04	-4.34e-03	6.89e-03	-8.06e-05	8.98e-05	5.96e-06
1911	7	-5.80e-05	-4.40e-03	-8.37e-03	3.47e-05	2.68e-04	2.00e-05
1911	21	-2.84e-04	-3.04e-03	-0.02	6.21e-05	2.27e-04	1.78e-05
1911	31	-5.75e-05	-3.19e-03	-7.30e-03	2.92e-05	1.96e-04	1.47e-05
1911	35	-2.08e-04	-2.28e-03	-0.01	4.75e-05	1.69e-04	1.33e-05
1911	37	-9.67e-05	-2.58e-03	-9.94e-03	3.68e-05	1.65e-04	1.27e-05
1912	7	-4.38e-04	-7.36e-03	0.02	-1.37e-04	4.14e-05	8.03e-06
1912	22	-5.48e-04	-6.23e-03	0.01	-1.50e-04	7.75e-05	1.05e-05

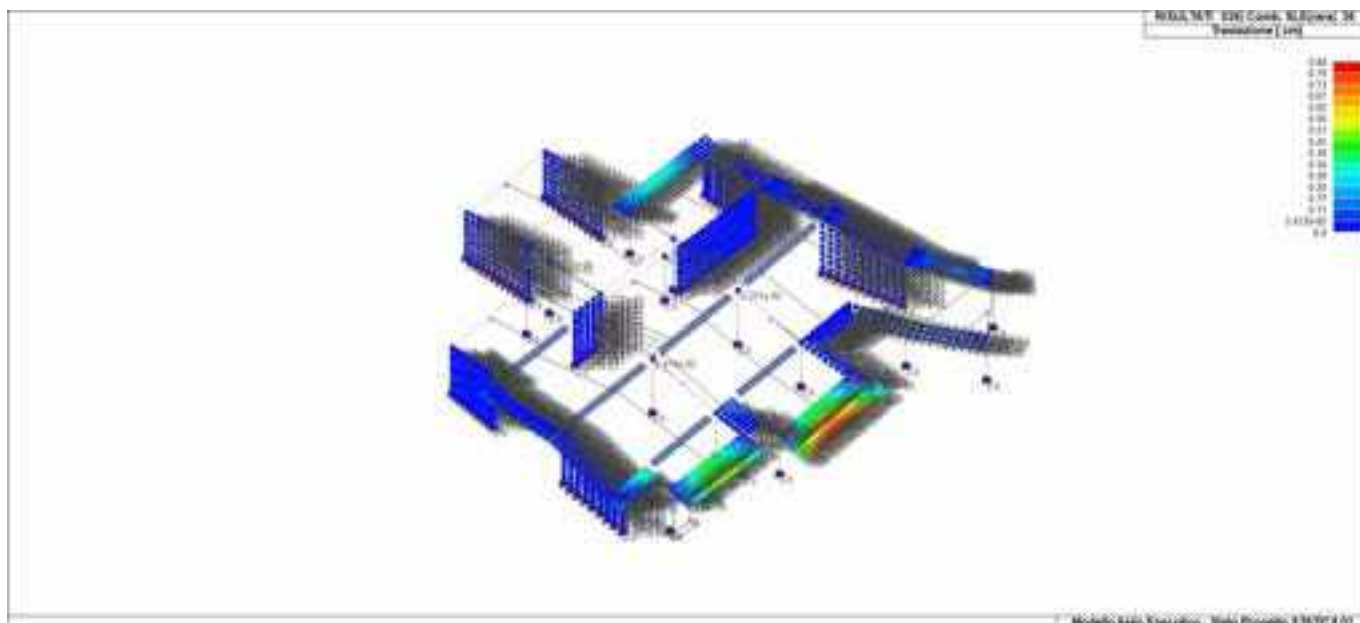
1912	31	-3.34e-04	-5.37e-03	0.01	-1.03e-04	3.59e-05	6.31e-06
1912	36	-4.07e-04	-4.62e-03	9.52e-03	-1.12e-04	6.00e-05	7.95e-06
1912	37	-3.24e-04	-4.50e-03	8.76e-03	-9.67e-05	4.83e-05	6.71e-06
1913	7	-6.77e-05	-5.26e-03	-1.97e-04	-1.47e-05	2.84e-04	1.67e-05
1913	21	-2.94e-04	-3.76e-03	-9.45e-03	8.32e-06	2.60e-04	1.51e-05
1913	23	-2.80e-04	-2.51e-03	-9.57e-03	1.22e-05	1.94e-04	1.12e-05
1913	31	-6.52e-05	-3.81e-03	-1.28e-03	-8.27e-06	2.10e-04	1.24e-05
1913	35	-2.16e-04	-2.82e-03	-7.45e-03	7.05e-06	1.94e-04	1.13e-05
1913	37	-1.05e-04	-3.11e-03	-4.76e-03	0.0	1.84e-04	1.07e-05
1914	7	-1.08e-04	-6.14e-03	8.71e-03	-6.91e-05	2.84e-04	1.32e-05
1914	21	-3.24e-04	-4.53e-03	-9.76e-04	-5.19e-05	2.81e-04	1.25e-05
1914	31	-9.48e-05	-4.47e-03	5.33e-03	-4.97e-05	2.12e-04	9.82e-06
1914	35	-2.39e-04	-3.40e-03	-1.12e-03	-3.82e-05	2.10e-04	9.33e-06
1914	37	-1.31e-04	-3.68e-03	1.14e-03	-3.89e-05	1.93e-04	8.73e-06
1915	7	-4.72e-04	-7.40e-03	0.02	-1.42e-04	-8.03e-05	-5.63e-06
1915	22	-5.72e-04	-6.30e-03	0.01	-1.61e-04	-3.28e-05	-3.32e-06
1915	31	-3.58e-04	-5.41e-03	0.01	-1.07e-04	-5.30e-05	-3.85e-06
1915	36	-4.24e-04	-4.67e-03	0.01	-1.20e-04	-2.14e-05	-2.31e-06
1915	37	-3.42e-04	-4.55e-03	9.24e-03	-1.03e-04	-2.61e-05	-2.38e-06
1916	7	-2.06e-04	-6.98e-03	0.02	-1.26e-04	2.40e-04	1.84e-05
1916	21	-3.95e-04	-5.29e-03	7.97e-03	-1.17e-04	2.60e-04	2.09e-05
1916	31	-1.67e-04	-5.09e-03	0.01	-9.32e-05	1.82e-04	1.40e-05
1916	35	-2.92e-04	-3.97e-03	5.58e-03	-8.72e-05	1.95e-04	1.57e-05
1916	37	-1.91e-04	-4.23e-03	7.21e-03	-8.16e-05	1.74e-04	1.37e-05
1917	7	-4.98e-04	-7.73e-03	0.02	-2.03e-04	-5.11e-05	-5.05e-06
1917	22	-6.11e-04	-6.65e-03	0.02	-2.23e-04	4.76e-06	-2.56e-06
1917	31	-3.78e-04	-5.66e-03	0.02	-1.53e-04	-3.03e-05	-3.40e-06
1917	36	-4.53e-04	-4.94e-03	0.01	-1.67e-04	6.93e-06	-1.74e-06
1917	37	-3.63e-04	-4.78e-03	0.01	-1.44e-04	-2.65e-06	-1.89e-06
1918	7	-3.01e-04	-2.96e-03	-0.02	1.71e-04	1.84e-04	8.30e-06
1918	21	-4.60e-04	-2.10e-03	-0.02	1.85e-04	9.60e-05	3.33e-06
1918	22	-4.53e-04	-2.35e-03	-0.02	1.88e-04	1.23e-04	4.78e-06
1918	31	-2.35e-04	-2.15e-03	-0.01	1.30e-04	1.28e-04	5.68e-06
1918	35	-3.41e-04	-1.59e-03	-0.02	1.40e-04	6.98e-05	2.37e-06
1918	36	-3.36e-04	-1.75e-03	-0.02	1.42e-04	8.76e-05	3.33e-06
1918	37	-2.47e-04	-1.78e-03	-0.01	1.26e-04	8.82e-05	3.50e-06
1919	7	-6.32e-03	-9.12e-03	0.05	1.88e-04	-1.36e-03	-8.04e-05
1919	22	-5.69e-03	-8.41e-03	0.05	2.61e-04	-1.32e-03	-7.82e-05
1919	31	-4.63e-03	-6.75e-03	0.03	1.47e-04	-1.00e-03	-5.95e-05
1919	36	-4.20e-03	-6.27e-03	0.04	1.97e-04	-9.80e-04	-5.80e-05
1919	37	-3.90e-03	-5.92e-03	0.03	1.57e-04	-8.81e-04	-5.21e-05
1920	7	-2.27e-03	-7.85e-03	0.03	-2.60e-04	-9.70e-04	-6.67e-05
1920	8	-2.30e-03	-7.84e-03	0.03	-2.83e-04	-9.77e-04	-6.77e-05
1920	22	-2.15e-03	-7.23e-03	0.03	-3.00e-04	-8.94e-04	-6.31e-05
1920	31	-1.67e-03	-5.80e-03	0.02	-1.98e-04	-7.11e-04	-4.91e-05
1920	32	-1.69e-03	-5.80e-03	0.02	-2.13e-04	-7.16e-04	-4.98e-05
1920	36	-1.59e-03	-5.39e-03	0.03	-2.25e-04	-6.61e-04	-4.67e-05
1920	37	-1.44e-03	-5.09e-03	0.02	-1.92e-04	-6.04e-04	-4.23e-05
1921	7	-1.12e-03	-6.26e-03	6.56e-03	-1.73e-04	-7.29e-04	-4.64e-05
1921	8	-1.17e-03	-6.15e-03	7.70e-03	-1.94e-04	-7.24e-04	-4.61e-05
1921	22	-1.15e-03	-5.52e-03	8.47e-03	-2.17e-04	-6.41e-04	-4.09e-05
1921	31	-8.31e-04	-4.61e-03	4.90e-03	-1.33e-04	-5.31e-04	-3.38e-05
1921	32	-8.67e-04	-4.54e-03	5.66e-03	-1.48e-04	-5.27e-04	-3.36e-05
1921	36	-8.53e-04	-4.12e-03	6.17e-03	-1.62e-04	-4.71e-04	-3.01e-05
1921	37	-7.41e-04	-3.98e-03	4.45e-03	-1.34e-04	-4.37e-04	-2.79e-05
1922	8	-3.77e-03	-8.87e-03	0.05	-1.54e-04	-1.18e-03	-7.87e-05
1922	22	-3.43e-03	-8.27e-03	0.05	-1.54e-04	-1.10e-03	-7.45e-05
1922	32	-2.76e-03	-6.57e-03	0.04	-1.16e-04	-8.65e-04	-5.81e-05
1922	36	-2.54e-03	-6.17e-03	0.04	-1.16e-04	-8.14e-04	-5.52e-05
1922	37	-2.34e-03	-5.78e-03	0.03	-1.05e-04	-7.37e-04	-4.98e-05
1923	7	-1.65e-03	-7.08e-03	0.02	-2.56e-04	-8.44e-04	-4.87e-05
1923	8	-1.70e-03	-7.03e-03	0.02	-2.80e-04	-8.44e-04	-4.85e-05
1923	22	-1.62e-03	-6.41e-03	0.02	-3.01e-04	-7.61e-04	-4.35e-05
1923	31	-1.22e-03	-5.23e-03	0.01	-1.95e-04	-6.17e-04	-3.55e-05
1923	32	-1.25e-03	-5.19e-03	0.02	-2.12e-04	-6.17e-04	-3.54e-05
1923	36	-1.20e-03	-4.78e-03	0.02	-2.26e-04	-5.61e-04	-3.21e-05
1923	37	-1.07e-03	-4.56e-03	0.01	-1.91e-04	-5.17e-04	-2.96e-05
1924	7	-4.91e-03	-9.05e-03	0.05	-1.27e-05	-1.26e-03	-8.11e-05
1924	8	-4.91e-03	-9.08e-03	0.05	-2.05e-06	-1.28e-03	-8.32e-05
1924	22	-4.44e-03	-8.45e-03	0.05	1.54e-05	-1.21e-03	-7.93e-05
1924	31	-3.60e-03	-6.70e-03	0.03	-7.15e-06	-9.28e-04	-6.00e-05
1924	32	-3.59e-03	-6.72e-03	0.04	0.0	-9.45e-04	-6.14e-05
1924	36	-3.28e-03	-6.31e-03	0.04	1.16e-05	-8.97e-04	-5.88e-05
1924	37	-3.04e-03	-5.92e-03	0.03	0.0	-8.09e-04	-5.28e-05
1925	7	-3.68e-04	-7.16e-03	0.02	-1.33e-04	1.56e-04	9.97e-06
1925	21	-5.03e-04	-5.46e-03	8.90e-03	-1.32e-04	1.83e-04	1.15e-05
1925	31	-2.84e-04	-5.23e-03	0.01	-9.92e-05	1.20e-04	7.64e-06

1925	35	-3.73e-04	-4.09e-03	6.30e-03	-9.85e-05	1.38e-04	8.68e-06
1925	37	-2.86e-04	-4.36e-03	7.74e-03	-8.98e-05	1.19e-04	7.54e-06
1926	7	-3.24e-04	-2.63e-03	-0.02	2.00e-04	2.38e-04	-3.69e-04
1926	8	-3.98e-04	-2.50e-03	-0.02	2.10e-04	2.21e-04	-3.49e-04
1926	21	-4.92e-04	-1.89e-03	-0.02	2.09e-04	1.31e-04	-2.49e-04
1926	31	-2.53e-04	-1.92e-03	-0.02	1.52e-04	1.67e-04	-2.67e-04
1926	32	-3.03e-04	-1.83e-03	-0.02	1.58e-04	1.56e-04	-2.53e-04
1926	35	-3.65e-04	-1.43e-03	-0.02	1.57e-04	9.63e-05	-1.86e-04
1926	37	-2.67e-04	-1.60e-03	-0.01	1.45e-04	1.19e-04	-2.13e-04
1927	7	-7.46e-03	-0.01	0.06	3.69e-04	-1.53e-03	1.89e-03
1927	8	-7.44e-03	-0.01	0.06	4.23e-04	-1.57e-03	2.03e-03
1927	31	-5.46e-03	-7.77e-03	0.04	2.88e-04	-1.13e-03	1.43e-03
1927	32	-5.44e-03	-7.74e-03	0.04	3.24e-04	-1.16e-03	1.52e-03
1927	37	-4.60e-03	-6.75e-03	0.04	3.03e-04	-1.00e-03	1.36e-03
1928	7	-7.91e-05	-3.64e-03	-0.02	7.56e-05	2.45e-04	5.29e-05
1928	21	-2.91e-04	-2.43e-03	-0.02	1.06e-04	1.87e-04	7.87e-05
1928	31	-7.15e-05	-2.63e-03	-0.01	6.01e-05	1.77e-04	4.22e-05
1928	35	-2.13e-04	-1.83e-03	-0.02	8.00e-05	1.38e-04	5.94e-05
1928	37	-1.04e-04	-2.11e-03	-0.01	6.60e-05	1.42e-04	4.66e-05
1929	7	-5.80e-04	-6.63e-03	8.15e-03	-1.02e-04	-4.42e-04	-1.89e-05
1929	22	-6.56e-04	-5.66e-03	6.36e-03	-1.32e-04	-3.69e-04	-1.46e-05
1929	31	-4.36e-04	-4.86e-03	5.64e-03	-7.92e-05	-3.19e-04	-1.35e-05
1929	36	-4.87e-04	-4.21e-03	4.45e-03	-9.95e-05	-2.70e-04	-1.06e-05
1929	37	-4.03e-04	-4.11e-03	3.71e-03	-8.25e-05	-2.53e-04	-1.02e-05
1930	7	-2.38e-04	-4.50e-03	-7.23e-03	3.98e-05	2.23e-04	1.92e-05
1930	21	-4.14e-04	-3.18e-03	-0.01	6.25e-05	1.80e-04	1.70e-05
1930	31	-1.89e-04	-3.26e-03	-6.36e-03	3.25e-05	1.62e-04	1.42e-05
1930	35	-3.06e-04	-2.38e-03	-0.01	4.76e-05	1.33e-04	1.26e-05
1930	37	-2.07e-04	-2.66e-03	-8.84e-03	3.84e-05	1.33e-04	1.22e-05
1931	7	-2.24e-04	-3.83e-03	-0.01	8.59e-05	2.08e-04	5.77e-06
1931	21	-3.95e-04	-2.66e-03	-0.02	1.10e-04	1.48e-04	2.09e-06
1931	31	-1.77e-04	-2.77e-03	-0.01	6.73e-05	1.49e-04	3.90e-06
1931	35	-2.91e-04	-1.99e-03	-0.01	8.35e-05	1.09e-04	1.45e-06
1931	37	-1.94e-04	-2.26e-03	-0.01	7.10e-05	1.16e-04	2.25e-06
1932	1	0.0	0.0	0.0	0.0	0.0	0.0
1932	25	0.0	0.0	0.0	0.0	0.0	0.0
1932	37	0.0	0.0	0.0	0.0	0.0	0.0
1933	7	-0.07	-3.26e-03	-5.22e-03	-1.13e-04	9.45e-04	-2.49e-04
1933	31	-0.05	-2.40e-03	-3.87e-03	-8.33e-05	6.95e-04	-1.83e-04
1933	37	-0.04	-2.07e-03	-3.42e-03	-7.13e-05	5.95e-04	-1.57e-04
1934	7	-0.02	-8.82e-04	-5.37e-03	-9.64e-05	1.26e-03	2.37e-05
1934	31	-0.01	-6.58e-04	-3.99e-03	-7.05e-05	9.23e-04	1.73e-05
1934	37	-0.01	-5.94e-04	-3.53e-03	-5.95e-05	7.92e-04	1.44e-05
1935	7	-0.09	-4.05e-03	-4.29e-03	-9.00e-06	2.32e-04	-3.36e-04
1935	31	-0.07	-2.98e-03	-3.18e-03	-6.62e-06	1.71e-04	-2.47e-04
1935	37	-0.06	-2.57e-03	-2.82e-03	-5.69e-06	1.46e-04	-2.11e-04
1936	7	-0.09	-3.92e-03	-3.43e-03	7.01e-06	-1.71e-04	-3.11e-04
1936	31	-0.07	-2.88e-03	-2.54e-03	5.15e-06	-1.26e-04	-2.28e-04
1936	37	-0.06	-2.48e-03	-2.26e-03	4.42e-06	-1.08e-04	-1.96e-04
1937	7	-0.08	-3.23e-03	-2.63e-03	1.57e-05	-3.82e-04	-2.41e-04
1937	31	-0.06	-2.38e-03	-1.96e-03	1.15e-05	-2.81e-04	-1.77e-04
1937	37	-0.05	-2.05e-03	-1.75e-03	9.89e-06	-2.41e-04	-1.52e-04
1938	7	-0.05	-2.29e-03	-1.92e-03	1.90e-05	-4.63e-04	-1.57e-04
1938	31	-0.04	-1.69e-03	-1.43e-03	1.40e-05	-3.41e-04	-1.15e-04
1938	37	-0.03	-1.46e-03	-1.29e-03	1.20e-05	-2.92e-04	-9.85e-05
1939	7	-0.03	-1.31e-03	-1.28e-03	1.77e-05	-4.31e-04	-7.41e-05
1939	31	-0.02	-9.66e-04	-9.52e-04	1.30e-05	-3.17e-04	-5.44e-05
1939	37	-0.02	-8.41e-04	-8.62e-04	1.11e-05	-2.72e-04	-4.64e-05
1940	7	-8.40e-03	-4.96e-04	-6.62e-04	8.23e-06	-2.83e-04	-8.62e-06
1940	31	-6.18e-03	-3.68e-04	-4.95e-04	6.05e-06	-2.08e-04	-6.31e-06
1940	37	-5.29e-03	-3.25e-04	-4.51e-04	5.20e-06	-1.78e-04	-5.32e-06
1941	1	0.0	0.0	0.0	0.0	0.0	0.0
1941	25	0.0	0.0	0.0	0.0	0.0	0.0
1941	37	0.0	0.0	0.0	0.0	0.0	0.0
1942	7	-1.55e-03	0.01	-1.20e-03	3.40e-04	-1.43e-04	2.06e-05
1942	8	-1.54e-03	0.01	-1.17e-03	3.40e-04	-1.43e-04	2.08e-05
1942	31	-1.14e-03	7.51e-03	-8.98e-04	2.57e-04	-1.07e-04	1.54e-05
1942	32	-1.14e-03	7.61e-03	-8.76e-04	2.57e-04	-1.07e-04	1.55e-05
1942	37	-9.85e-04	6.54e-03	-8.22e-04	2.44e-04	-9.90e-05	1.39e-05
1943	7	-1.70e-03	0.01	-1.60e-03	-1.98e-05	0.0	-5.32e-05
1943	8	-1.70e-03	0.01	-1.58e-03	-1.91e-05	0.0	-5.37e-05
1943	31	-1.25e-03	7.92e-03	-1.19e-03	-1.47e-05	0.0	-3.98e-05
1943	32	-1.26e-03	8.06e-03	-1.18e-03	-1.42e-05	0.0	-4.02e-05
1943	37	-1.09e-03	6.93e-03	-1.07e-03	-1.30e-05	0.0	-3.67e-05
1944	7	-8.97e-04	4.70e-03	-1.41e-03	-4.59e-05	-1.90e-06	-1.50e-05
1944	8	-9.05e-04	4.85e-03	-1.40e-03	-4.71e-05	-1.95e-06	-1.54e-05
1944	31	-6.63e-04	3.46e-03	-1.05e-03	-3.39e-05	-1.40e-06	-1.11e-05

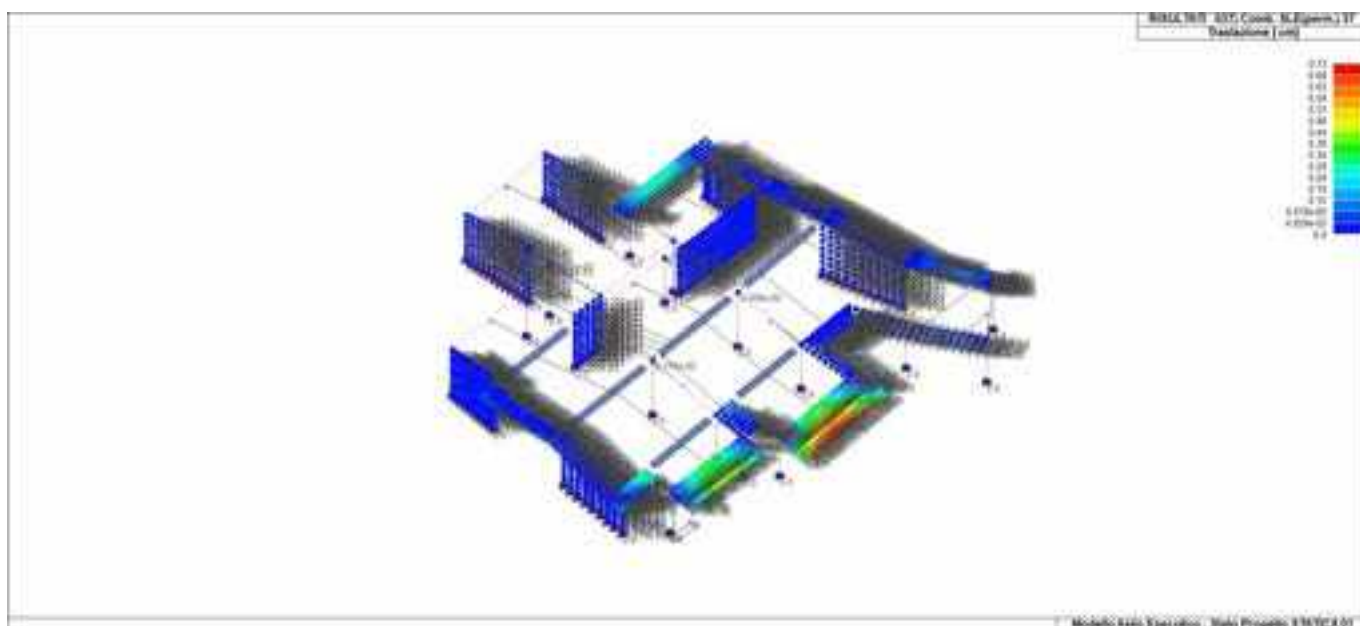
1944	32	-6.68e-04	3.56e-03	-1.05e-03	-3.46e-05	-1.44e-06	-1.14e-05
1944	37	-5.80e-04	2.98e-03	-9.43e-04	-2.94e-05	-1.22e-06	-9.85e-06
1945	7	-4.44e-04	1.40e-03	-8.30e-04	-3.03e-05	-1.25e-06	-3.23e-06
1945	8	-4.48e-04	1.45e-03	-8.28e-04	-3.13e-05	-1.30e-06	-3.37e-06
1945	31	-3.29e-04	1.03e-03	-6.19e-04	-2.23e-05	0.0	-2.40e-06
1945	32	-3.32e-04	1.06e-03	-6.17e-04	-2.29e-05	0.0	-2.49e-06
1945	37	-2.91e-04	8.80e-04	-5.57e-04	-1.91e-05	0.0	-2.14e-06
1946	7	-1.48e-03	8.85e-03	-1.75e-03	-4.77e-05	-1.98e-06	-3.63e-05
1946	8	-1.49e-03	9.07e-03	-1.74e-03	-4.81e-05	-1.99e-06	-3.70e-05
1946	31	-1.10e-03	6.53e-03	-1.30e-03	-3.54e-05	-1.47e-06	-2.71e-05
1946	32	-1.10e-03	6.68e-03	-1.29e-03	-3.57e-05	-1.48e-06	-2.76e-05
1946	37	-9.55e-04	5.68e-03	-1.17e-03	-3.15e-05	-1.31e-06	-2.45e-05
Nodo		Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
		-0.09	-0.03	-1.11	-3.44e-03	-4.14e-03	-0.03
		0.09	0.15	0.26	3.81e-03	5.48e-03	2.59e-03



41_RIS_SPOSTAMENTI_022_Comb SLU A1 22



41_RIS_SPOSTAMENTI_036_Comb SLErara 36



41_RIS_SPOSTAMENTI_037_Comb SLEperm 37

Nodo	Cmb	Azione X daN	Azione Y daN	Azione Z daN	Azione RX daN cm	Azione RY daN cm	Azione RZ daN cm
1	7	-137.20	240.75	-1367.85	684.13	-1.666e+04	-1380.00
1	8	-137.22	241.37	-1370.84	683.99	-1.666e+04	-1379.63
1	9	-90.27	161.56	-927.36	435.28	-1.060e+04	-863.15
1	25	-92.48	164.97	-945.41	448.42	-1.092e+04	-891.78
1	31	-102.32	180.22	-1025.92	507.11	-1.235e+04	-1019.82
1	32	-102.34	180.63	-1027.92	507.02	-1.235e+04	-1019.57
1	37	-92.48	164.97	-945.41	448.42	-1.092e+04	-891.78
3	8	168.13	96.23	-480.65	-84.17	2.092e+04	1631.21
3	15	128.64	74.08	-370.40	-64.36	1.599e+04	1246.94
3	21	147.84	99.56	-511.72	-72.88	1.811e+04	1400.41
3	31	124.91	74.69	-376.18	-62.28	1.548e+04	1204.31
3	32	124.91	74.72	-376.33	-62.29	1.548e+04	1204.55

3	35	111.39	76.94	-397.05	-54.76	1.361e+04	1050.68
3	37	111.37	76.88	-396.74	-54.74	1.360e+04	1050.21
5	7	-563.51	-177.71	-3044.00	2277.59	-5.548e+04	-1268.76
5	23	-340.61	-126.40	-2016.01	1381.83	-3.366e+04	-762.00
5	31	-413.94	-134.84	-2274.88	1674.25	-4.078e+04	-930.89
5	35	-353.97	-128.15	-2064.37	1435.17	-3.496e+04	-792.67
5	37	-353.92	-129.13	-2069.82	1435.30	-3.496e+04	-792.25
7	7	178.42	-427.30	-2701.43	-91.57	2.276e+04	-1882.56
7	8	178.40	-427.26	-2701.21	-91.57	2.276e+04	-1882.82
7	23	106.89	-276.44	-1739.59	-55.49	1.379e+04	-1148.19
7	31	130.88	-317.74	-2007.01	-67.30	1.672e+04	-1384.99
7	32	130.86	-317.70	-2006.86	-67.30	1.673e+04	-1385.16
7	35	111.27	-283.98	-1788.38	-57.64	1.433e+04	-1191.29
7	37	111.30	-284.04	-1788.68	-57.64	1.432e+04	-1190.94
9	7	2259.01	-120.31	-9629.09	2.509e+04	2.631e+05	-3903.85
9	8	2259.04	-120.13	-9629.11	2.507e+04	2.631e+05	-3908.33
9	9	1391.63	-94.44	-6350.87	1.799e+04	1.620e+05	-2380.23
9	25	1441.36	-94.17	-6502.65	1.818e+04	1.678e+05	-2469.92
9	31	1665.03	-92.94	-7185.22	1.903e+04	1.939e+05	-2872.10
9	32	1665.05	-92.83	-7185.24	1.901e+04	1.939e+05	-2875.08
9	37	1441.36	-94.17	-6502.65	1.818e+04	1.678e+05	-2469.92
11	7	-87.24	246.12	-815.34	-788.96	-1.128e+04	-957.31
11	15	-66.67	189.15	-627.32	-603.35	-8627.12	-731.99
11	21	-72.70	258.74	-883.89	-679.34	-9713.70	-820.19
11	31	-64.17	188.13	-627.83	-583.12	-8337.76	-706.92
11	35	-54.48	196.53	-673.52	-510.04	-7292.85	-615.51
11	37	-55.15	184.43	-629.73	-510.05	-7292.98	-616.39
12	7	814.06	72.62	-4781.86	-8117.29	-338.37	-741.58
12	8	813.66	72.77	-4780.71	-8162.53	-340.26	-745.93
12	23	529.99	46.15	-3103.04	-5233.39	-218.16	-484.19
12	31	606.14	53.76	-3557.93	-6012.48	-250.63	-550.48
12	32	605.87	53.86	-3557.17	-6042.64	-251.89	-553.38
12	35	544.01	47.50	-3186.34	-5362.16	-223.52	-495.00
12	37	544.55	47.30	-3187.86	-5301.84	-221.01	-489.20
14	7	-894.15	5.44	-6518.12	-8285.40	-345.38	737.05
14	8	-894.29	5.60	-6517.57	-8330.67	-347.27	741.40
14	23	-560.61	7.15	-4124.34	-5499.94	-229.27	476.16
14	31	-661.02	4.74	-4827.18	-6170.67	-257.23	546.04
14	32	-661.11	4.85	-4826.81	-6200.85	-258.49	548.94
14	35	-578.88	6.66	-4252.75	-5608.85	-233.81	487.62
14	37	-578.69	6.45	-4253.49	-5548.49	-231.29	481.83
19	7	420.75	38.99	-9826.15	-4086.00	4.597e+04	93.72
19	8	420.71	39.02	-9825.53	-4092.11	4.596e+04	94.36
19	23	262.55	28.15	-6292.54	-2961.55	2.867e+04	78.56
19	31	310.83	29.59	-7292.82	-3102.33	3.396e+04	73.18
19	32	310.80	29.61	-7292.41	-3106.40	3.396e+04	73.61
19	35	271.36	28.40	-6475.04	-2985.46	2.964e+04	77.39
19	37	271.42	28.37	-6475.86	-2977.32	2.965e+04	76.53
21	7	-253.32	338.27	-3293.28	-1761.50	-2.523e+04	-885.30
21	8	-250.89	337.77	-3309.77	-1732.09	-2.481e+04	-853.91
21	9	-145.98	201.95	-2074.65	-996.52	-1.427e+04	-474.41
21	25	-153.04	210.36	-2140.83	-1048.24	-1.502e+04	-504.22
21	31	-184.59	247.95	-2436.85	-1279.61	-1.833e+04	-637.56
21	32	-182.96	247.63	-2447.84	-1260.01	-1.805e+04	-616.63
21	37	-153.04	210.36	-2140.83	-1048.24	-1.502e+04	-504.22
23	1	158.71	-15.39	-2.679e+04	1839.89	2.104e+04	-386.40
23	7	190.95	-11.44	-3.134e+04	1271.21	2.533e+04	-460.31
23	23	112.09	-12.43	-1.939e+04	1482.09	1.485e+04	-275.32
23	25	118.39	-12.29	-2.009e+04	1480.43	1.570e+04	-288.76
23	31	139.89	-9.66	-2.312e+04	1101.30	1.856e+04	-338.03
23	35	117.39	-11.99	-2.008e+04	1425.10	1.556e+04	-287.14
23	37	118.39	-12.29	-2.009e+04	1480.43	1.570e+04	-288.76
25	7	-45.88	-44.52	-3.027e+04	5802.29	-6712.70	-166.75
25	23	-25.05	-28.99	-1.874e+04	3737.85	-3692.57	-89.84
25	31	-33.33	-33.53	-2.233e+04	4369.56	-4881.13	-120.30
25	35	-26.70	-30.09	-1.939e+04	3895.31	-3928.46	-95.46
25	37	-27.32	-31.30	-1.940e+04	4081.64	-4013.03	-95.80
27	7	67.59	399.13	-2775.24	-3612.99	1.305e+04	574.91
27	8	65.74	400.33	-2790.06	-3519.72	1.271e+04	539.48
27	9	33.68	248.66	-1767.76	-1972.02	7123.63	278.37
27	25	36.32	257.08	-1820.75	-2088.51	7544.43	302.02
27	31	48.14	294.75	-2057.60	-2609.47	9426.33	407.78
27	32	46.90	295.55	-2067.48	-2547.29	9201.72	384.16
27	37	36.32	257.08	-1820.75	-2088.51	7544.43	302.02
29	7	-83.27	-307.87	-2329.06	-587.27	-8396.92	792.64
29	23	-43.77	-186.73	-1500.01	-333.19	-4764.09	470.59
29	31	-60.57	-228.34	-1734.96	-429.49	-6140.97	582.39

29	35	-47.40	-195.79	-1546.25	-352.71	-5043.07	492.38
29	37	-49.86	-202.28	-1561.07	-361.19	-5164.36	498.47
34	8	-111.02	4.65	-924.44	-715.42	-1.463e+04	513.52
34	15	-84.87	3.50	-712.74	-537.36	-1.118e+04	392.54
34	21	-95.87	4.87	-973.37	-724.73	-1.263e+04	458.12
34	22	-102.59	4.81	-951.93	-727.57	-1.352e+04	483.02
34	31	-82.06	3.52	-721.72	-536.13	-1.081e+04	382.14
34	32	-82.10	3.59	-721.75	-547.05	-1.081e+04	382.72
34	35	-71.99	3.73	-754.37	-553.26	-9483.03	345.79
34	36	-76.47	3.70	-740.08	-555.15	-1.007e+04	362.39
34	37	-71.92	3.59	-754.31	-531.41	-9471.52	344.63
35	7	228.93	-7.64	-1439.40	-255.40	1100.41	-67.91
35	22	212.32	2.01	-1324.28	-299.57	970.87	-46.78
35	23	145.42	5.13	-915.34	-239.27	630.78	-22.56
35	31	169.66	-5.27	-1072.12	-195.80	807.05	-48.33
35	35	149.85	2.02	-947.70	-224.43	667.21	-28.93
35	36	158.59	1.17	-995.38	-225.24	720.69	-34.25
35	37	149.87	-3.38	-964.26	-193.81	685.99	-36.32
37	8	295.58	281.29	-2064.10	-435.29	2.042e+04	1009.25
37	9	187.08	203.74	-1446.97	-274.76	1.289e+04	631.01
37	22	280.20	290.75	-2094.34	-410.78	1.927e+04	941.48
37	25	192.38	204.29	-1458.94	-282.79	1.327e+04	651.10
37	32	219.17	214.40	-1562.61	-322.54	1.513e+04	746.25
37	36	208.92	220.71	-1582.77	-306.20	1.436e+04	701.07
37	37	192.38	204.29	-1458.94	-282.79	1.327e+04	651.10
39	7	-388.29	-344.14	-1611.17	-2032.74	-2.912e+04	781.90
39	15	-296.54	-264.83	-1240.75	-1550.73	-2.221e+04	595.19
39	21	-315.36	-367.58	-1749.72	-1558.30	-2.232e+04	515.95
39	31	-284.52	-265.39	-1248.54	-1478.27	-2.117e+04	560.04
39	35	-235.89	-281.02	-1340.91	-1161.97	-1.664e+04	382.74
39	37	-241.02	-267.45	-1276.74	-1216.20	-1.742e+04	432.91
41	8	121.48	-165.70	-2.295e+04	1.723e+04	1.225e+04	-64.36
41	9	76.46	-116.29	-1.415e+04	1.217e+04	7720.87	-55.38
41	25	78.92	-117.65	-1.465e+04	1.230e+04	7967.28	-55.50
41	32	89.87	-125.24	-1.691e+04	1.304e+04	9061.62	-50.23
41	37	78.92	-117.65	-1.465e+04	1.230e+04	7967.28	-55.50
43	7	636.15	-56.73	-1.818e+04	6710.45	6.715e+04	-1847.26
43	8	633.78	-62.50	-1.818e+04	7288.10	6.689e+04	-1842.89
43	9	370.59	-48.12	-1.145e+04	5515.80	3.911e+04	-1080.34
43	21	516.37	-72.63	-1.573e+04	8209.59	5.448e+04	-1508.55
43	25	387.70	-47.48	-1.182e+04	5465.25	4.092e+04	-1129.40
43	31	464.39	-44.58	-1.345e+04	5236.03	4.902e+04	-1349.38
43	32	462.81	-48.43	-1.345e+04	5621.14	4.884e+04	-1346.47
43	35	384.54	-55.18	-1.182e+04	6235.46	4.057e+04	-1123.58
43	37	387.70	-47.48	-1.182e+04	5465.25	4.092e+04	-1129.40
45	9	43.38	-172.78	-1328.38	76.66	-276.90	14.03
45	22	55.98	-234.23	-1840.60	173.80	-627.81	35.56
45	23	37.50	-191.01	-1432.40	406.01	-1466.64	102.02
45	25	44.42	-171.13	-1330.11	28.07	-101.39	0.59
45	35	40.50	-183.29	-1399.45	247.63	-894.54	59.25
45	36	42.55	-180.07	-1403.26	152.00	-549.07	32.74
45	37	44.42	-171.13	-1330.11	28.07	-101.39	0.59
47	7	-635.94	-834.50	-8811.04	7.896e+04	-6.466e+04	2247.25
47	8	-656.85	-817.64	-9138.02	7.728e+04	-6.673e+04	2353.98
47	9	-414.75	-477.19	-5969.11	4.505e+04	-4.210e+04	1503.20
47	25	-425.47	-500.96	-6085.64	4.731e+04	-4.320e+04	1535.65
47	31	-473.54	-607.28	-6607.75	5.744e+04	-4.813e+04	1681.29
47	32	-487.48	-596.05	-6825.74	5.632e+04	-4.952e+04	1752.44
47	37	-425.47	-500.96	-6085.64	4.731e+04	-4.320e+04	1535.65
49	9	192.99	167.77	-2944.43	-1.672e+04	1.829e+04	-2233.54
49	21	297.97	273.32	-4403.08	-2.725e+04	2.837e+04	-3349.87
49	22	303.44	262.42	-4497.57	-2.620e+04	2.881e+04	-3450.20
49	25	194.81	164.09	-2976.01	-1.636e+04	1.843e+04	-2267.34
49	35	223.40	206.55	-3311.13	-2.059e+04	2.127e+04	-2513.03
49	36	227.05	199.28	-3374.13	-1.989e+04	2.157e+04	-2579.92
49	37	194.81	164.09	-2976.01	-1.636e+04	1.843e+04	-2267.34
51	8	461.59	279.54	-1.227e+04	-2.734e+04	4.456e+04	-2102.79
51	9	279.80	195.98	-8288.42	-1.920e+04	2.703e+04	-1254.61
51	21	405.02	313.31	-1.231e+04	-3.081e+04	3.917e+04	-1785.50
51	22	434.24	311.62	-1.259e+04	-3.061e+04	4.197e+04	-1934.74
51	25	289.59	195.41	-8381.02	-1.913e+04	2.797e+04	-1304.68
51	32	339.81	212.80	-9238.88	-2.083e+04	3.281e+04	-1542.44
51	35	302.09	235.31	-9264.54	-2.314e+04	2.921e+04	-1330.92
51	36	321.58	234.18	-9449.14	-2.300e+04	3.108e+04	-1430.41
51	37	289.59	195.41	-8381.02	-1.913e+04	2.797e+04	-1304.68
53	8	-715.26	0.52	-9452.41	22.66	-6.719e+04	3491.02
53	9	-453.25	28.27	-6210.70	-2544.21	-4.253e+04	2231.43

53	22	-700.93	53.38	-9467.25	-4908.64	-6.575e+04	3451.00
53	23	-506.94	81.68	-7040.24	-7555.64	-4.747e+04	2521.21
53	25	-464.23	21.30	-6317.35	-1897.39	-4.357e+04	2280.74
53	32	-531.42	7.83	-7072.82	-669.10	-4.991e+04	2598.57
53	35	-500.02	56.90	-6870.37	-5238.34	-4.687e+04	2473.92
53	36	-521.86	43.08	-7082.71	-3956.63	-4.894e+04	2571.89
53	37	-464.23	21.30	-6317.35	-1897.39	-4.357e+04	2280.74
55	7	-111.12	56.82	-1.032e+04	-5735.33	-1.181e+04	253.58
55	8	-105.79	59.94	-1.040e+04	-6078.19	-1.125e+04	242.08
55	9	-56.37	40.96	-6596.04	-4168.51	-6003.52	133.85
55	22	-84.72	61.61	-9759.05	-6291.58	-9031.10	197.48
55	25	-60.56	41.35	-6789.54	-4203.03	-6447.30	142.67
55	31	-79.36	43.13	-7655.38	-4360.94	-8436.18	182.19
55	32	-75.80	45.22	-7710.73	-4589.51	-8065.08	174.52
55	36	-61.76	46.32	-7282.30	-4731.77	-6584.51	144.79
55	37	-60.56	41.35	-6789.54	-4203.03	-6447.30	142.67
57	8	-4.37	56.18	-1.102e+04	-5743.73	-255.00	59.61
57	9	8.52	44.22	-7164.59	-4548.10	1013.37	35.07
57	21	24.87	70.43	-1.017e+04	-7288.11	2756.85	44.03
57	23	28.83	59.44	-7646.76	-6174.20	3121.24	29.17
57	25	5.69	43.23	-7325.96	-4439.18	722.76	36.96
57	32	-0.27	43.88	-8212.90	-4493.66	120.10	43.41
57	35	19.23	53.38	-7647.41	-5523.25	2128.01	33.02
57	37	5.69	43.23	-7325.96	-4439.18	722.76	36.96
59	7	185.80	-346.75	-4432.00	3.667e+04	2.058e+04	243.88
59	8	205.02	-346.12	-4520.28	3.659e+04	2.257e+04	244.26
59	9	147.61	-219.93	-3099.03	2.327e+04	1.613e+04	152.78
59	21	228.78	-300.13	-4307.76	3.173e+04	2.485e+04	210.92
59	25	146.94	-226.65	-3143.59	2.398e+04	1.608e+04	157.80
59	31	143.91	-256.90	-3344.11	2.717e+04	1.589e+04	180.28
59	32	156.72	-256.49	-3402.96	2.712e+04	1.722e+04	180.54
59	35	172.57	-225.82	-3261.28	2.388e+04	1.874e+04	158.31
59	37	146.94	-226.65	-3143.59	2.398e+04	1.608e+04	157.80
61	7	419.66	-489.38	-7825.73	4.801e+04	4.225e+04	933.52
61	8	409.54	-511.93	-7953.01	5.023e+04	4.121e+04	970.29
61	9	247.59	-344.18	-5196.91	3.381e+04	2.490e+04	637.92
61	22	358.85	-517.14	-7637.12	5.078e+04	3.608e+04	963.83
61	25	258.41	-348.81	-5315.09	3.426e+04	2.599e+04	649.45
61	31	307.02	-369.68	-5847.05	3.627e+04	3.090e+04	701.26
61	32	300.27	-384.71	-5931.90	3.776e+04	3.021e+04	725.77
61	36	266.48	-388.18	-5721.31	3.812e+04	2.679e+04	721.46
61	37	258.41	-348.81	-5315.09	3.426e+04	2.599e+04	649.45
63	7	218.26	251.56	-1.097e+04	-2.850e+04	2.305e+04	560.10
63	8	218.46	252.02	-1.097e+04	-2.858e+04	2.307e+04	563.37
63	23	137.72	178.14	-7093.61	-2.009e+04	1.455e+04	379.46
63	31	161.46	190.08	-8157.48	-2.151e+04	1.705e+04	418.66
63	32	161.60	190.39	-8157.15	-2.156e+04	1.707e+04	420.84
63	35	142.00	180.18	-7288.17	-2.033e+04	1.500e+04	385.64
63	37	141.74	179.56	-7288.83	-2.022e+04	1.497e+04	381.27
65	7	-315.22	18.52	-2123.59	-3525.43	-146.17	-69.91
65	8	-316.87	20.01	-2117.41	-3662.34	-151.84	-73.04
65	23	-207.95	13.26	-1391.49	-2395.29	-99.31	-52.57
65	31	-234.52	13.42	-1585.25	-2587.69	-107.29	-52.21
65	32	-235.63	14.41	-1581.13	-2678.96	-111.07	-54.29
65	35	-212.29	12.84	-1428.72	-2389.26	-99.06	-51.56
65	37	-210.09	10.86	-1436.96	-2206.72	-91.49	-47.39
68	8	-1119.08	-46.52	-8983.15	2195.30	-1.026e+05	-1974.44
68	9	-720.69	-24.26	-6019.58	963.75	-6.610e+04	-1252.44
68	21	-1026.84	-63.94	-8433.31	4072.93	-9.417e+04	-1783.93
68	25	-738.11	-24.10	-6127.94	904.00	-6.769e+04	-1286.52
68	32	-832.86	-34.33	-6733.58	1623.90	-7.634e+04	-1465.10
68	35	-771.37	-45.95	-6367.02	2875.65	-7.075e+04	-1338.10
68	37	-738.11	-24.10	-6127.94	904.00	-6.769e+04	-1286.52
85	7	25.73	123.99	-1387.48	-44.50	2088.52	-80.50
85	8	25.03	130.09	-1391.22	-43.55	2044.02	-74.28
85	9	15.25	87.10	-947.69	-25.79	1210.69	-37.39
85	25	15.90	88.30	-964.92	-27.01	1267.75	-40.92
85	31	18.83	93.63	-1042.15	-32.45	1523.34	-56.77
85	32	18.37	97.70	-1044.64	-31.82	1493.67	-52.62
85	37	15.90	88.30	-964.92	-27.01	1267.75	-40.92
94	7	9.17	157.43	-1451.11	-65.37	3066.59	-309.05
94	8	7.84	164.70	-1470.28	-63.82	2993.71	-304.63
94	9	3.33	115.39	-1026.13	-37.55	1761.59	-183.37
94	25	3.87	116.22	-1039.12	-39.39	1847.67	-191.20
94	31	6.27	119.89	-1097.30	-47.61	2233.36	-226.30
94	32	5.38	124.74	-1110.08	-46.57	2184.77	-223.36
94	37	3.87	116.22	-1039.12	-39.39	1847.67	-191.20

103	7	24.52	137.72	-1539.56	-106.28	4985.42	-452.95
103	8	22.76	145.20	-1571.02	-104.47	4900.52	-453.07
103	9	12.00	108.22	-1110.05	-62.42	2928.11	-280.51
103	25	12.99	107.90	-1120.75	-65.21	3058.77	-290.29
103	31	17.42	106.41	-1168.67	-77.69	3644.34	-334.15
103	32	16.25	111.40	-1189.65	-76.48	3587.75	-334.23
103	37	12.99	107.90	-1120.75	-65.21	3058.77	-290.29
112	7	49.26	74.15	-1675.09	-161.98	7603.81	-591.63
112	9	27.29	70.88	-1218.36	-97.43	4573.65	-376.04
112	22	40.06	94.62	-1722.88	-144.33	6775.15	-560.94
112	25	28.82	68.90	-1228.47	-101.34	4757.40	-387.42
112	31	35.66	59.94	-1273.78	-118.89	5581.03	-438.49
112	36	29.53	73.59	-1305.64	-107.12	5028.59	-418.02
112	37	28.82	68.90	-1228.47	-101.34	4757.40	-387.42
121	7	82.53	-13.38	-1888.08	-234.11	1.099e+04	-753.05
121	9	48.66	16.24	-1373.75	-143.66	6742.68	-485.43
121	22	72.03	10.08	-1955.40	-213.40	1.002e+04	-726.23
121	25	50.80	12.43	-1385.07	-148.91	6988.94	-498.94
121	31	60.37	-4.72	-1435.85	-172.43	8092.95	-559.55
121	36	53.37	10.92	-1480.73	-158.63	7445.13	-541.67
121	37	50.80	12.43	-1385.07	-148.91	6988.94	-498.94
130	8	126.15	-92.15	-2261.51	-326.93	1.534e+04	-962.20
130	9	77.29	-35.46	-1587.95	-203.01	9523.12	-612.57
130	22	114.97	-69.54	-2276.82	-302.27	1.418e+04	-917.66
130	25	80.17	-40.83	-1602.19	-209.87	9845.06	-629.04
130	32	92.87	-63.30	-1711.81	-241.36	1.132e+04	-714.36
130	36	85.42	-48.23	-1722.01	-224.92	1.055e+04	-684.67
130	37	80.17	-40.83	-1602.19	-209.87	9845.06	-629.04
139	8	187.04	-127.53	-2660.83	-444.23	2.084e+04	-1201.47
139	9	116.14	-56.74	-1854.54	-277.72	1.303e+04	-765.22
139	22	173.26	-103.12	-2676.58	-414.22	1.943e+04	-1146.70
139	25	120.04	-62.86	-1872.88	-286.58	1.344e+04	-785.68
139	32	138.10	-89.32	-2011.38	-328.46	1.541e+04	-892.10
139	36	128.91	-73.05	-2021.88	-308.45	1.447e+04	-855.58
139	37	120.04	-62.86	-1872.88	-286.58	1.344e+04	-785.68
148	8	284.61	-66.96	-3092.74	-592.00	2.779e+04	-1504.52
148	9	178.19	-15.97	-2145.01	-371.81	1.745e+04	-957.85
148	22	266.25	-43.31	-3110.14	-555.21	2.606e+04	-1435.18
148	25	183.77	-21.43	-2167.47	-383.20	1.799e+04	-983.57
148	32	210.52	-43.85	-2335.85	-438.17	2.057e+04	-1117.01
148	36	198.28	-28.09	-2347.45	-413.64	1.942e+04	-1070.78
148	37	183.77	-21.43	-2167.47	-383.20	1.799e+04	-983.57
157	8	494.98	136.83	-3510.93	-771.54	3.621e+04	-1449.14
157	9	311.84	118.05	-2438.26	-486.19	2.282e+04	-925.81
157	22	466.43	156.50	-3539.72	-726.59	3.410e+04	-1387.99
157	25	321.09	115.22	-2462.72	-500.62	2.350e+04	-949.82
157	32	366.63	108.47	-2652.68	-571.48	2.682e+04	-1076.73
157	36	347.60	121.59	-2671.87	-541.52	2.542e+04	-1035.97
157	37	321.09	115.22	-2462.72	-500.62	2.350e+04	-949.82
180	7	420.15	-314.89	-4448.22	-175.88	4.371e+04	818.11
180	8	420.15	-314.83	-4447.94	-175.89	4.371e+04	817.88
180	23	254.25	-206.62	-2874.66	-106.76	2.653e+04	482.63
180	31	308.70	-234.77	-3306.89	-129.29	3.213e+04	598.61
180	32	308.71	-234.73	-3306.70	-129.30	3.213e+04	598.45
180	35	264.17	-211.77	-2953.51	-110.87	2.755e+04	503.82
180	37	264.17	-211.85	-2953.89	-110.85	2.755e+04	504.13
189	7	259.85	-102.04	-3946.63	-152.54	3.791e+04	1167.50
189	8	259.86	-101.98	-3946.45	-152.56	3.791e+04	1167.40
189	23	157.85	-70.76	-2568.95	-92.84	2.307e+04	697.27
189	31	191.05	-76.89	-2937.84	-112.19	2.788e+04	855.94
189	32	191.06	-76.85	-2937.72	-112.20	2.788e+04	855.87
189	35	163.90	-71.90	-2636.24	-96.37	2.395e+04	726.20
189	37	163.88	-71.98	-2636.49	-96.35	2.394e+04	726.34
198	7	178.46	15.59	-3506.47	-132.46	3.292e+04	836.60
198	8	178.47	15.65	-3506.35	-132.48	3.292e+04	836.52
198	23	108.75	5.73	-2303.36	-80.88	2.010e+04	495.66
198	31	131.27	10.65	-2614.56	-97.47	2.422e+04	612.51
198	32	131.28	10.69	-2614.48	-97.48	2.423e+04	612.46
198	35	112.85	6.60	-2360.13	-83.90	2.085e+04	516.96
198	37	112.83	6.52	-2360.29	-83.88	2.084e+04	517.06
207	7	141.28	62.15	-3073.29	-119.62	2.973e+04	466.07
207	8	141.29	62.21	-3073.23	-119.63	2.973e+04	465.99
207	23	86.52	37.72	-2041.62	-73.34	1.823e+04	267.97
207	31	104.01	45.66	-2296.33	-88.08	2.189e+04	339.54
207	32	104.02	45.70	-2296.29	-88.09	2.189e+04	339.48
207	35	89.71	39.14	-2088.09	-76.02	1.889e+04	281.00
207	37	89.69	39.06	-2088.17	-76.00	1.889e+04	281.11

216	7	130.20	66.54	-2661.16	-113.76	2.836e+04	91.90
216	8	130.21	66.59	-2661.15	-113.78	2.836e+04	91.81
216	23	80.33	43.36	-1792.27	-70.12	1.748e+04	36.80
216	31	95.98	49.52	-1993.49	-83.85	2.090e+04	63.63
216	32	95.99	49.56	-1993.49	-83.86	2.091e+04	63.57
216	35	83.18	44.46	-1828.99	-72.62	1.810e+04	41.67
216	37	83.16	44.39	-1829.00	-72.59	1.810e+04	41.80
225	8	141.93	57.22	-2275.87	-115.75	2.885e+04	-281.20
225	9	88.22	40.43	-1558.92	-71.69	1.787e+04	-194.39
225	25	91.24	40.93	-1586.57	-74.19	1.849e+04	-197.59
225	32	104.77	43.27	-1710.35	-85.39	2.129e+04	-211.68
225	37	91.24	40.93	-1586.57	-74.19	1.849e+04	-197.59
234	8	179.16	58.09	-1904.33	-125.56	3.120e+04	-642.82
234	9	112.05	44.33	-1333.88	-78.18	1.943e+04	-419.96
234	25	115.76	44.37	-1352.79	-80.84	2.009e+04	-430.74
234	32	132.40	44.61	-1437.32	-92.72	2.304e+04	-478.79
234	37	115.76	44.37	-1352.79	-80.84	2.009e+04	-430.74
243	8	256.82	82.63	-1521.57	-142.28	3.536e+04	-953.20
243	9	161.35	63.82	-1102.56	-89.02	2.212e+04	-615.92
243	25	166.57	63.78	-1112.39	-91.96	2.285e+04	-632.88
243	32	189.94	63.62	-1156.15	-105.15	2.613e+04	-708.55
243	37	166.57	63.78	-1112.39	-91.96	2.285e+04	-632.88
252	8	406.42	124.06	-1117.91	-162.32	4.034e+04	-628.65
252	19	304.41	95.33	-859.10	-121.50	3.019e+04	-473.23
252	21	352.70	124.06	-1122.26	-140.25	3.486e+04	-565.14
252	32	300.94	95.41	-860.68	-120.06	2.984e+04	-469.71
252	33	296.64	95.35	-860.14	-118.30	2.940e+04	-464.30
252	35	265.12	95.41	-863.57	-105.35	2.618e+04	-427.38
252	37	265.05	95.34	-863.16	-105.31	2.617e+04	-427.35
275	7	-359.34	0.42	-2934.51	1937.07	-4.718e+04	-1696.42
275	23	-217.41	-13.38	-1945.13	1176.64	-2.866e+04	-1022.56
275	31	-264.01	-2.86	-2192.88	1424.25	-3.469e+04	-1245.54
275	35	-225.91	-11.67	-1991.08	1221.83	-2.976e+04	-1063.14
275	37	-225.89	-12.61	-1994.72	1222.02	-2.976e+04	-1062.93
284	7	-256.97	109.63	-2815.82	1630.45	-3.971e+04	-1366.21
284	23	-155.61	56.82	-1873.84	991.97	-2.416e+04	-821.16
284	31	-188.82	78.24	-2105.37	1199.16	-2.921e+04	-1002.61
284	35	-161.66	60.51	-1916.57	1029.81	-2.508e+04	-854.19
284	37	-161.64	59.53	-1918.92	1030.03	-2.509e+04	-854.05
293	7	-200.25	163.26	-2677.35	1392.49	-3.392e+04	-1032.15
293	23	-121.52	92.31	-1791.22	849.35	-2.069e+04	-615.96
293	31	-147.20	118.26	-2003.53	1024.61	-2.496e+04	-756.53
293	35	-126.20	96.80	-1830.22	881.37	-2.147e+04	-641.53
293	37	-126.18	95.75	-1831.51	881.62	-2.147e+04	-641.42
302	7	-164.79	176.78	-2543.36	1219.35	-2.970e+04	-700.78
302	23	-100.44	102.90	-1711.44	746.68	-1.819e+04	-411.33
302	31	-121.22	128.68	-1905.05	897.84	-2.187e+04	-512.20
302	35	-104.22	107.35	-1746.84	774.32	-1.886e+04	-429.66
302	37	-104.20	106.21	-1747.21	774.59	-1.887e+04	-429.55
311	7	-146.94	167.16	-2433.44	1112.98	-2.711e+04	-356.72
311	8	-146.96	168.06	-2433.80	1112.76	-2.710e+04	-356.81
311	9	-90.22	97.51	-1645.61	685.80	-1.670e+04	-197.98
311	25	-93.51	101.99	-1678.23	710.35	-1.730e+04	-208.94
311	31	-108.24	122.06	-1824.31	820.33	-1.998e+04	-258.36
311	32	-108.25	122.65	-1824.55	820.18	-1.998e+04	-258.42
311	37	-93.51	101.99	-1678.23	710.35	-1.730e+04	-208.94
320	7	-148.51	153.81	-2356.01	1076.72	-2.622e+04	-7.51
320	8	-148.52	154.72	-2356.99	1076.48	-2.622e+04	-7.60
320	9	-92.11	91.91	-1598.96	668.06	-1.627e+04	19.12
320	25	-95.30	95.71	-1629.74	691.16	-1.683e+04	15.59
320	31	-109.59	112.77	-1767.45	794.56	-1.935e+04	-0.57
320	32	-109.60	113.38	-1768.11	794.40	-1.935e+04	-0.64
320	37	-95.30	95.71	-1629.74	691.16	-1.683e+04	15.59
329	7	-173.35	156.30	-2307.31	1111.26	-2.707e+04	327.68
329	8	-173.36	157.21	-2308.98	1111.00	-2.706e+04	327.56
329	9	-108.58	96.82	-1569.49	694.49	-1.691e+04	228.71
329	25	-112.16	100.19	-1599.13	717.62	-1.748e+04	232.13
329	31	-128.14	115.31	-1731.66	821.10	-2.000e+04	247.12
329	32	-128.14	115.92	-1732.77	820.93	-1.999e+04	247.04
329	37	-112.16	100.19	-1599.13	717.62	-1.748e+04	232.13
338	7	-232.74	190.47	-2279.47	1212.44	-2.953e+04	603.35
338	8	-232.74	191.36	-2281.99	1212.15	-2.952e+04	603.24
338	9	-147.03	122.48	-1552.22	762.87	-1.858e+04	403.61
338	25	-151.65	125.94	-1581.29	787.38	-1.918e+04	412.41
338	31	-172.30	141.46	-1711.11	896.94	-2.185e+04	451.36
338	32	-172.30	142.05	-1712.78	896.75	-2.184e+04	451.28
338	37	-151.65	125.94	-1581.29	787.38	-1.918e+04	412.41

347	7	-344.97	261.45	-2316.57	1342.06	-3.269e+04	336.69
347	8	-344.95	262.32	-2320.40	1341.75	-3.268e+04	336.71
347	9	-220.34	172.50	-1576.53	850.04	-2.070e+04	240.65
347	25	-226.85	176.63	-1606.23	876.38	-2.135e+04	243.37
347	31	-255.89	195.10	-1738.75	994.00	-2.421e+04	255.10
347	32	-255.88	195.68	-1741.30	993.80	-2.420e+04	255.11
347	37	-226.85	176.63	-1606.23	876.38	-2.135e+04	243.37
371	7	-214.11	470.28	-1258.69	-1514.41	-2.165e+04	371.72
371	9	-130.86	343.57	-951.62	-946.67	-1.354e+04	238.25
371	22	-193.63	493.89	-1323.45	-1395.99	-1.996e+04	348.58
371	25	-135.73	346.19	-953.99	-978.11	-1.399e+04	245.11
371	31	-157.59	357.93	-964.75	-1119.06	-1.600e+04	275.92
371	36	-143.94	373.67	-1007.92	-1040.11	-1.487e+04	260.49
371	37	-135.73	346.19	-953.99	-978.11	-1.399e+04	245.11
380	7	-124.47	522.14	-1449.83	-1327.58	-1.898e+04	636.83
380	8	-123.09	541.88	-1474.57	-1326.95	-1.897e+04	638.07
380	9	-74.07	381.23	-1049.85	-828.19	-1.184e+04	403.50
380	25	-77.19	384.17	-1059.26	-856.00	-1.224e+04	415.94
380	31	-91.19	397.35	-1101.52	-980.65	-1.402e+04	471.72
380	32	-90.27	410.51	-1118.01	-980.23	-1.402e+04	472.55
380	37	-77.19	384.17	-1059.26	-856.00	-1.224e+04	415.94
389	7	-72.85	543.38	-1814.01	-1150.63	-1.645e+04	496.19
389	8	-71.33	565.07	-1835.28	-1149.57	-1.644e+04	497.88
389	9	-41.52	397.12	-1278.88	-715.81	-1.024e+04	316.78
389	25	-43.61	400.13	-1295.65	-740.20	-1.058e+04	326.12
389	31	-52.99	413.60	-1370.91	-849.52	-1.215e+04	368.05
389	32	-51.97	428.06	-1385.09	-848.81	-1.214e+04	369.18
389	37	-43.61	400.13	-1295.65	-740.20	-1.058e+04	326.12
398	7	-47.07	549.35	-2230.83	-1025.53	-1.466e+04	322.87
398	8	-45.42	572.16	-2251.66	-1023.85	-1.464e+04	325.40
398	9	-25.19	401.57	-1548.02	-635.28	-9083.47	210.95
398	25	-26.78	404.60	-1572.22	-657.41	-9399.92	216.33
398	31	-33.89	418.16	-1680.71	-756.58	-1.082e+04	240.51
398	32	-32.80	433.36	-1694.60	-755.46	-1.080e+04	242.19
398	37	-26.78	404.60	-1572.22	-657.41	-9399.92	216.33
407	7	-36.88	533.41	-2668.86	-954.17	-1.364e+04	145.86
407	8	-35.13	556.40	-2690.29	-951.56	-1.361e+04	149.52
407	9	-18.63	390.00	-1832.62	-587.41	-8399.21	103.83
407	25	-20.04	392.93	-1864.37	-608.54	-8701.26	105.02
407	31	-26.32	406.04	-2006.66	-703.17	-1.005e+04	110.45
407	32	-25.16	421.37	-2020.94	-701.43	-1.003e+04	112.89
407	37	-20.04	392.93	-1864.37	-608.54	-8701.26	105.02
416	7	-41.00	481.06	-3105.96	-937.20	-1.340e+04	-33.13
416	8	-39.16	503.17	-3127.63	-933.28	-1.334e+04	-28.05
416	9	-21.00	352.74	-2115.51	-572.33	-8183.44	-3.61
416	25	-22.51	355.24	-2154.96	-593.75	-8489.74	-6.78
416	31	-29.32	366.41	-2331.67	-689.68	-9861.42	-20.88
416	32	-28.10	381.15	-2346.11	-687.07	-9824.03	-17.49
416	37	-22.51	355.24	-2154.96	-593.75	-8489.74	-6.78
425	7	-62.37	374.49	-3513.57	-974.63	-1.394e+04	-206.75
425	8	-60.40	394.51	-3533.69	-968.91	-1.385e+04	-199.93
425	9	-34.00	278.00	-2375.47	-589.74	-8432.37	-106.61
425	25	-36.02	279.46	-2422.65	-612.81	-8762.23	-114.19
425	31	-45.04	285.95	-2633.95	-716.08	-1.024e+04	-148.01
425	32	-43.73	299.30	-2647.36	-712.27	-1.018e+04	-143.46
425	37	-36.02	279.46	-2422.65	-612.81	-8762.23	-114.19
434	7	-109.05	193.89	-3855.78	-1062.02	-1.519e+04	-336.51
434	8	-106.78	210.56	-3870.55	-1053.90	-1.507e+04	-327.63
434	9	-62.28	152.75	-2585.71	-636.46	-9100.50	-181.19
434	25	-65.40	152.23	-2640.53	-662.49	-9472.72	-192.41
434	31	-79.34	149.91	-2886.05	-778.99	-1.114e+04	-242.51
434	32	-77.83	161.01	-2895.89	-773.58	-1.106e+04	-236.59
434	37	-65.40	152.23	-2640.53	-662.49	-9472.72	-192.41
443	7	-182.98	-87.08	-4124.80	-1157.41	-1.655e+04	-120.02
443	8	-179.88	-75.19	-4125.95	-1146.35	-1.639e+04	-111.26
443	9	-105.94	-40.43	-2734.31	-686.48	-9815.58	-46.76
443	25	-110.96	-44.26	-2797.55	-715.89	-1.024e+04	-53.36
443	31	-133.43	-61.40	-3080.72	-847.45	-1.212e+04	-82.73
443	32	-131.36	-53.48	-3081.48	-840.08	-1.201e+04	-76.89
443	37	-110.96	-44.26	-2797.55	-715.89	-1.024e+04	-53.36
492	7	-418.63	-111.34	-6170.00	-3021.25	-4.328e+04	1500.21
492	8	-411.19	-119.09	-6215.29	-2960.20	-4.240e+04	1502.30
492	9	-237.73	-102.40	-3971.63	-1692.28	-2.424e+04	891.92
492	25	-249.89	-99.98	-4083.39	-1783.44	-2.555e+04	929.74
492	31	-304.30	-89.17	-4583.28	-2191.19	-3.139e+04	1098.89
492	32	-299.34	-94.33	-4613.47	-2150.49	-3.080e+04	1100.28
492	37	-249.89	-99.98	-4083.39	-1783.44	-2.555e+04	929.74

495	7	-243.03	-616.79	-5772.66	-2250.48	-3.224e+04	1126.85
495	8	-237.19	-630.20	-5826.21	-2190.20	-3.137e+04	1127.22
495	9	-137.88	-435.37	-3790.40	-1237.00	-1.772e+04	667.75
495	25	-144.96	-441.01	-3884.21	-1308.29	-1.874e+04	696.47
495	31	-176.63	-466.23	-4303.79	-1627.23	-2.331e+04	824.95
495	32	-172.74	-475.17	-4339.50	-1587.04	-2.273e+04	825.19
495	37	-144.96	-441.01	-3884.21	-1308.29	-1.874e+04	696.47
497	7	-183.76	-812.33	-5087.05	-1793.24	-2.569e+04	554.96
497	8	-177.86	-828.17	-5142.42	-1731.37	-2.480e+04	560.28
497	9	-103.46	-568.24	-3402.28	-964.12	-1.381e+04	335.40
497	25	-108.93	-576.41	-3475.99	-1024.04	-1.467e+04	348.61
497	31	-133.38	-612.96	-3805.69	-1292.08	-1.851e+04	407.65
497	32	-129.45	-623.52	-3842.60	-1250.84	-1.792e+04	411.20
497	37	-108.93	-576.41	-3475.99	-1024.04	-1.467e+04	348.61
499	7	-164.37	-810.20	-4342.83	-1651.39	-2.366e+04	-40.82
499	8	-157.68	-826.20	-4398.53	-1585.62	-2.271e+04	-32.35
499	9	-91.06	-572.21	-2968.61	-875.69	-1.254e+04	-15.85
499	25	-96.16	-579.57	-3022.29	-932.62	-1.336e+04	-18.09
499	31	-119.00	-612.50	-3262.40	-1187.32	-1.701e+04	-28.13
499	32	-114.54	-623.17	-3299.54	-1143.48	-1.638e+04	-22.49
499	37	-96.16	-579.57	-3022.29	-932.62	-1.336e+04	-18.09
501	7	-189.25	-725.15	-3674.96	-1849.83	-2.650e+04	-680.98
501	8	-181.50	-740.41	-3731.99	-1778.97	-2.548e+04	-671.24
501	9	-104.52	-521.28	-2583.40	-989.34	-1.417e+04	-398.39
501	25	-110.44	-526.55	-2618.54	-1051.90	-1.507e+04	-416.49
501	31	-136.94	-550.12	-2775.69	-1331.77	-1.908e+04	-497.46
501	32	-131.78	-560.30	-2813.71	-1284.52	-1.840e+04	-490.96
501	37	-110.44	-526.55	-2618.54	-1051.90	-1.507e+04	-416.49
503	7	-280.81	-648.70	-3120.03	-2418.14	-3.464e+04	-1353.15
503	8	-271.88	-663.49	-3180.79	-2341.67	-3.354e+04	-1342.92
503	9	-157.93	-475.37	-2278.20	-1324.83	-1.898e+04	-802.88
503	25	-166.31	-478.78	-2295.78	-1402.06	-2.008e+04	-837.22
503	31	-203.79	-494.03	-2374.40	-1747.55	-2.503e+04	-990.84
503	32	-197.84	-503.89	-2414.91	-1696.57	-2.430e+04	-984.02
503	37	-166.31	-478.78	-2295.78	-1402.06	-2.008e+04	-837.22
505	7	-546.10	-599.68	-2765.77	-3390.04	-4.856e+04	-1862.37
505	15	-416.72	-460.94	-2127.59	-2585.34	-3.703e+04	-1422.75
505	21	-421.57	-619.64	-2909.10	-2544.94	-3.645e+04	-1555.66
505	31	-397.91	-458.94	-2128.03	-2459.81	-3.523e+04	-1367.52
505	35	-314.89	-472.24	-2223.58	-1896.40	-2.716e+04	-1163.05
505	37	-329.88	-451.69	-2129.60	-2005.77	-2.873e+04	-1167.77
602	9	14.85	-86.86	-2551.64	136.92	-494.63	-20.04
602	22	9.32	-101.31	-3588.80	318.37	-1150.10	-36.25
602	23	-6.89	-106.25	-2727.63	782.84	-2828.02	-43.09
602	25	17.09	-80.99	-2569.60	40.70	-147.01	-17.57
602	35	2.60	-93.92	-2686.92	471.31	-1702.61	-32.94
602	36	6.99	-82.25	-2723.18	281.82	-1018.08	-28.15
602	37	17.09	-80.99	-2569.60	40.70	-147.01	-17.57
611	7	-25.83	143.27	-3695.70	-686.86	2481.40	-22.36
611	8	-34.77	139.12	-3776.68	-395.70	1429.55	-41.30
611	9	-23.80	54.00	-2638.34	86.54	-312.65	-43.98
611	25	-23.22	62.08	-2667.72	-2.22	8.02	-40.11
611	31	-20.70	98.40	-2799.91	-399.03	1441.56	-22.84
611	32	-26.66	95.63	-2853.89	-204.92	740.32	-35.46
611	37	-23.22	62.08	-2667.72	-2.22	8.02	-40.11
620	7	-37.70	174.36	-3751.08	-781.94	2824.77	-105.13
620	8	-45.77	172.55	-3824.70	-518.47	1872.99	-120.20
620	9	-30.47	80.18	-2638.50	-14.68	53.03	-86.61
620	25	-30.25	87.93	-2674.03	-99.38	358.99	-85.77
620	31	-29.31	122.80	-2833.57	-478.08	1727.07	-82.08
620	32	-34.70	121.59	-2882.65	-302.44	1092.55	-92.12
620	37	-30.25	87.93	-2674.03	-99.38	358.99	-85.77
629	7	-4.87	65.88	-3793.56	-1034.48	3737.09	-218.28
629	8	-12.03	64.07	-3859.42	-792.71	2863.70	-230.37
629	9	-9.18	14.68	-2633.95	-199.12	719.35	-148.55
629	25	-8.39	19.84	-2674.88	-285.23	1030.39	-151.34
629	31	-4.89	43.12	-2858.40	-670.28	2421.42	-163.84
629	32	-9.67	41.92	-2902.31	-509.10	1839.16	-171.90
629	37	-8.39	19.84	-2674.88	-285.23	1030.39	-151.34
638	7	52.09	-104.57	-3937.06	-1485.84	5367.60	-357.83
638	8	46.00	-107.73	-3995.96	-1261.29	4556.40	-367.37
638	9	27.22	-91.77	-2695.07	-493.63	1783.22	-226.78
638	25	29.09	-90.16	-2743.14	-587.33	2121.71	-233.77
638	31	37.36	-82.81	-2958.41	-1006.40	3635.63	-265.06
638	32	33.31	-84.91	-2997.68	-856.70	3094.83	-271.42
638	37	29.09	-90.16	-2743.14	-587.33	2121.71	-233.77
647	7	109.70	-247.00	-4209.03	-2172.69	7848.57	-522.94

647	8	104.60	-251.73	-4262.32	-1961.12	7084.31	-529.77
647	9	63.51	-180.81	-2838.41	-920.20	3324.10	-319.77
647	25	66.53	-182.15	-2896.01	-1028.58	3715.63	-331.67
647	31	79.99	-188.06	-3153.75	-1513.35	5466.78	-384.91
647	32	76.59	-191.21	-3189.28	-1372.30	4957.27	-389.47
647	37	66.53	-182.15	-2896.01	-1028.58	3715.63	-331.67
656	7	149.26	-282.03	-4556.37	-3134.92	1.133e+04	-721.36
656	8	144.67	-287.50	-4604.91	-2931.58	1.059e+04	-724.94
656	9	87.23	-200.97	-3028.59	-1501.45	5424.05	-431.47
656	25	91.21	-203.29	-3097.33	-1632.77	5898.45	-449.29
656	31	109.01	-213.58	-3404.73	-2220.10	8020.20	-528.94
656	32	105.95	-217.22	-3437.09	-2084.54	7530.51	-531.33
656	37	91.21	-203.29	-3097.33	-1632.77	5898.45	-449.29
665	7	167.11	-150.60	-4869.63	-4441.91	1.605e+04	-974.96
665	8	162.14	-155.31	-4912.83	-4241.24	1.532e+04	-975.26
665	9	94.89	-114.15	-3192.90	-2276.88	8225.61	-575.68
665	25	99.75	-114.41	-3272.72	-2441.39	8819.92	-600.83
665	31	121.47	-115.49	-3629.57	-3177.12	1.148e+04	-713.32
665	32	118.16	-118.63	-3658.37	-3043.34	1.099e+04	-713.52
665	37	99.75	-114.41	-3272.72	-2441.39	8819.92	-600.83
674	7	208.07	191.21	-5054.87	-6175.47	2.231e+04	-1099.36
674	8	201.56	188.91	-5090.08	-5976.21	2.159e+04	-1106.67
674	9	112.26	106.71	-3265.26	-3302.18	1.193e+04	-661.33
674	25	119.16	112.53	-3355.22	-3511.17	1.268e+04	-687.93
674	31	150.00	138.60	-3757.30	-4445.81	1.606e+04	-806.89
674	32	145.66	137.06	-3780.78	-4312.97	1.558e+04	-811.77
674	37	119.16	112.53	-3355.22	-3511.17	1.268e+04	-687.93
691	7	-503.02	149.84	-1.096e+04	-1.744e+04	-727.01	121.95
691	8	-503.67	150.71	-1.095e+04	-1.754e+04	-731.07	123.04
691	23	-303.40	100.70	-6971.71	-1.148e+04	-478.54	59.81
691	31	-369.12	111.83	-8122.64	-1.297e+04	-540.56	86.20
691	32	-369.56	112.41	-8121.60	-1.303e+04	-543.27	86.93
691	35	-315.15	102.47	-7182.20	-1.172e+04	-488.65	64.31
691	37	-314.28	101.30	-7184.28	-1.159e+04	-483.24	62.86
701	7	254.51	163.30	-9775.95	-1.739e+04	-724.73	-15.19
701	8	253.61	164.10	-9774.48	-1.749e+04	-728.84	-15.19
701	23	180.98	107.12	-6256.77	-1.134e+04	-472.59	-23.49
701	31	193.02	121.39	-7255.09	-1.291e+04	-537.90	-14.17
701	32	192.42	121.92	-7254.10	-1.297e+04	-540.64	-14.17
701	35	183.49	109.49	-6439.34	-1.160e+04	-483.29	-21.79
701	37	184.69	108.42	-6441.31	-1.146e+04	-477.80	-21.79
711	7	837.12	202.22	-8869.37	-1.724e+04	-718.42	-154.20
711	8	836.25	203.09	-8867.95	-1.734e+04	-722.48	-155.29
711	23	551.12	130.98	-5715.74	-1.116e+04	-465.26	-111.33
711	31	624.78	150.02	-6590.57	-1.278e+04	-532.55	-116.62
711	32	624.20	150.60	-6589.63	-1.284e+04	-535.26	-117.35
711	35	564.85	134.20	-5875.71	-1.143e+04	-476.34	-111.96
711	37	566.01	133.04	-5877.60	-1.130e+04	-470.93	-110.50
727	7	-266.65	5.56	-1868.54	-3020.35	-125.22	-110.98
727	8	-269.29	6.42	-1862.52	-3136.22	-130.03	-115.66
727	23	-177.39	3.90	-1230.42	-2032.48	-84.27	-78.74
727	31	-198.18	3.83	-1396.37	-2213.42	-91.77	-82.01
727	32	-199.94	4.41	-1392.36	-2290.67	-94.97	-85.13
727	35	-180.39	3.63	-1262.52	-2030.70	-84.19	-77.93
727	37	-176.86	2.48	-1270.55	-1876.21	-77.79	-71.70
736	7	-231.94	-1.01	-1747.19	-2558.06	-106.02	-84.57
736	8	-235.13	-0.50	-1742.38	-2653.37	-109.97	-88.67
736	23	-155.44	-0.79	-1156.42	-1705.63	-70.69	-59.74
736	31	-172.25	-1.00	-1306.59	-1872.51	-77.61	-62.21
736	32	-174.37	-0.65	-1303.38	-1936.05	-80.24	-64.95
736	35	-157.54	-0.98	-1185.27	-1707.47	-70.77	-58.96
736	37	-153.30	-1.67	-1191.69	-1580.39	-65.50	-53.49
745	7	-203.64	-3.21	-1670.88	-2233.31	-92.56	-57.05
745	8	-207.06	-2.90	-1667.64	-2311.06	-95.78	-60.55
745	23	-137.79	-2.44	-1111.09	-1476.23	-61.18	-40.32
745	31	-151.25	-2.59	-1250.04	-1634.38	-67.74	-41.66
745	32	-153.52	-2.39	-1247.88	-1686.21	-69.89	-43.99
745	35	-139.21	-2.56	-1137.42	-1481.75	-61.41	-39.51
745	37	-134.65	-2.97	-1141.74	-1378.09	-57.12	-34.84
754	7	-177.05	-3.15	-1618.13	-2022.64	-83.86	-36.25
754	8	-180.51	-2.99	-1616.49	-2085.52	-86.47	-39.20
754	23	-121.62	-2.54	-1080.37	-1327.30	-55.03	-25.62
754	31	-131.68	-2.52	-1210.86	-1481.34	-61.42	-26.17
754	32	-133.98	-2.41	-1209.77	-1523.27	-63.16	-28.13
754	35	-122.41	-2.58	-1104.67	-1336.55	-55.41	-24.84
754	37	-117.80	-2.80	-1106.86	-1252.70	-51.94	-20.90
763	7	-150.94	-1.97	-1580.04	-1891.31	-78.41	-22.53

763	8	-154.35	-1.92	-1579.87	-1941.80	-80.51	-24.97
763	23	-106.27	-1.88	-1058.60	-1234.53	-51.18	-15.91
763	31	-112.61	-1.62	-1182.53	-1387.26	-57.52	-16.00
763	32	-114.88	-1.58	-1182.41	-1420.93	-58.91	-17.63
763	35	-106.40	-1.85	-1081.26	-1247.26	-51.71	-15.19
763	37	-101.85	-1.92	-1081.49	-1179.93	-48.92	-11.94
772	8	-128.34	-0.33	-1553.50	-1849.78	-76.67	-16.25
772	9	-84.87	-0.85	-1041.08	-1096.05	-45.43	-6.11
772	25	-86.49	-0.76	-1063.13	-1138.76	-47.20	-6.81
772	32	-96.01	-0.38	-1162.72	-1356.54	-56.22	-11.28
772	37	-86.49	-0.76	-1063.13	-1138.76	-47.20	-6.81
781	8	-102.13	1.47	-1535.09	-1788.90	-74.14	-10.91
781	9	-70.56	0.34	-1028.79	-1075.10	-44.56	-3.47
781	25	-71.33	0.46	-1050.46	-1115.01	-46.21	-3.99
781	32	-77.08	0.96	-1149.01	-1314.66	-54.49	-7.46
781	37	-71.33	0.46	-1050.46	-1115.01	-46.21	-3.99
790	8	-75.08	3.45	-1522.77	-1748.09	-72.48	-7.16
790	9	-55.94	1.58	-1021.05	-1063.34	-44.09	-1.86
790	25	-55.80	1.76	-1042.36	-1101.22	-45.66	-2.22
790	32	-57.59	2.42	-1139.95	-1286.97	-53.36	-4.83
790	37	-55.80	1.76	-1042.36	-1101.22	-45.66	-2.22
799	8	-46.34	5.73	-1514.65	-1722.74	-71.43	-4.07
799	9	-40.20	2.97	-1016.66	-1057.87	-43.86	-0.64
799	25	-39.13	3.20	-1037.62	-1094.48	-45.38	-0.83
799	32	-36.83	4.09	-1134.14	-1270.02	-52.66	-2.69
799	37	-39.13	3.20	-1037.62	-1094.48	-45.38	-0.83
808	8	-14.68	8.51	-1508.45	-1710.49	-70.89	-1.71
808	9	-22.27	4.62	-1014.07	-1057.49	-43.83	0.22
808	25	-20.25	4.93	-1034.64	-1093.54	-45.32	0.16
808	32	-13.83	6.12	-1129.88	-1262.10	-52.31	-1.08
808	37	-20.25	4.93	-1034.64	-1093.54	-45.32	0.16
817	8	21.70	11.99	-1500.89	-1705.62	-70.69	-1.55
817	9	-0.63	6.70	-1010.80	-1059.18	-43.90	-0.13
817	25	2.30	7.11	-1030.95	-1095.18	-45.39	-0.13
817	32	12.82	8.67	-1124.63	-1259.10	-52.18	-1.05
817	37	2.30	7.11	-1030.95	-1095.18	-45.39	-0.13
826	7	68.72	16.81	-1481.75	-1692.43	-70.17	-6.39
826	8	65.12	16.27	-1486.80	-1691.01	-70.11	-7.35
826	9	26.62	9.29	-1002.84	-1053.38	-43.67	-3.85
826	25	30.41	9.82	-1022.58	-1089.23	-45.16	-4.01
826	31	47.34	12.16	-1111.02	-1249.62	-51.81	-4.69
826	32	44.95	11.81	-1114.39	-1248.67	-51.77	-5.33
826	37	30.41	9.82	-1022.58	-1089.23	-45.16	-4.01
835	7	120.52	21.38	-1454.47	-1627.40	-67.47	-26.91
835	8	117.73	20.78	-1458.48	-1623.61	-67.32	-26.72
835	9	61.26	12.08	-984.08	-1015.42	-42.10	-15.41
835	25	65.79	12.71	-1003.49	-1049.52	-43.51	-16.18
835	31	86.10	15.53	-1090.50	-1202.13	-49.84	-19.59
835	32	84.24	15.13	-1093.17	-1199.61	-49.74	-19.46
835	37	65.79	12.71	-1003.49	-1049.52	-43.51	-16.18
844	8	179.64	22.54	-1407.40	-1411.37	-58.50	-71.25
844	9	103.61	13.31	-947.26	-891.52	-36.95	-41.78
844	25	108.76	13.94	-966.64	-919.31	-38.10	-43.95
844	32	130.83	16.46	-1054.23	-1044.96	-43.31	-51.91
844	37	108.76	13.94	-966.64	-919.31	-38.10	-43.95
853	7	242.22	10.46	-1346.86	-897.85	-37.21	-131.20
853	8	242.36	10.79	-1341.79	-921.48	-38.19	-124.70
853	23	148.54	7.07	-884.51	-649.80	-26.93	-60.37
853	31	178.32	7.70	-1006.32	-672.11	-27.85	-95.14
853	32	178.41	7.92	-1002.95	-687.87	-28.51	-90.80
853	35	153.93	7.09	-908.27	-646.77	-26.80	-68.68
853	37	153.74	6.65	-915.02	-615.26	-25.50	-77.35
1932	7	-250.40	-270.92	-1722.90	1200.46	-2.924e+04	2313.57
1932	23	-150.35	-182.41	-1145.22	727.81	-1.773e+04	1406.65
1932	31	-183.71	-203.20	-1288.78	882.33	-2.149e+04	1701.39
1932	35	-156.41	-186.37	-1172.27	755.98	-1.842e+04	1460.48
1932	37	-156.33	-187.17	-1176.37	756.02	-1.842e+04	1460.82
1941	7	-261.68	2.00	-1382.18	-1848.43	-76.64	151.37
1941	8	-261.90	2.70	-1379.69	-1920.87	-79.64	156.94
1941	23	-171.61	2.27	-903.38	-1263.76	-52.40	100.74
1941	31	-194.96	1.40	-1030.67	-1358.14	-56.31	110.80
1941	32	-195.11	1.87	-1029.00	-1406.43	-58.31	114.51
1941	35	-175.80	1.90	-927.37	-1259.21	-52.21	100.90
1941	37	-175.51	0.96	-930.69	-1162.62	-48.20	93.48
Nodo		Azione X	Azione Y	Azione Z	Azione RX	Azione RY	Azione RZ
		-1119.08	-834.50	-3.134e+04	-3.081e+04	-1.026e+05	-3908.33

2259.04	572.16	-370.40	7.896e+04	2.631e+05	3491.02
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Nodo	Cmb	Azione X daN	Azione Y daN	Azione Z daN	Azione RX daN cm	Azione RY daN cm	Azione RZ daN cm
1	8	-137.22	241.37	-1370.84	683.99	-1.666e+04	-1379.63
	9	-90.27	161.56	-927.36	435.28	-1.060e+04	-863.15
	23	-90.31	162.80	-933.35	434.98	-1.059e+04	-862.41
	7	-137.20	240.75	-1367.85	684.13	-1.666e+04	-1380.00
	7	-137.20	240.75	-1367.85	684.13	-1.666e+04	-1380.00
3	23	-90.31	162.80	-933.35	434.98	-1.059e+04	-862.41
	21	147.84	99.56	-511.72	-72.88	1.811e+04	1400.41
	15	128.64	74.08	-370.40	-64.36	1.599e+04	1246.94
	8	168.13	96.23	-480.65	-84.17	2.092e+04	1631.21
	9	108.34	77.36	-401.24	-53.06	1.319e+04	1015.78
5	9	108.34	77.36	-401.24	-53.06	1.319e+04	1015.78
	8	168.13	96.23	-480.65	-84.17	2.092e+04	1631.21
	7	-563.51	-177.71	-3044.00	2277.59	-5.548e+04	-1268.76
	23	-340.61	-126.40	-2016.01	1381.83	-3.366e+04	-762.00
	23	-340.61	-126.40	-2016.01	1381.83	-3.366e+04	-762.00
7	7	-563.51	-177.71	-3044.00	2277.59	-5.548e+04	-1268.76
	7	-563.51	-177.71	-3044.00	2277.59	-5.548e+04	-1268.76
	23	-340.61	-126.40	-2016.01	1381.83	-3.366e+04	-762.00
	7	178.42	-427.30	-2701.43	-91.57	2.276e+04	-1882.56
	23	106.89	-276.44	-1739.59	-55.49	1.379e+04	-1148.19
9	8	178.40	-427.26	-2701.21	-91.57	2.276e+04	-1882.82
	9	106.94	-276.53	-1740.03	-55.48	1.379e+04	-1147.67
	8	178.40	-427.26	-2701.21	-91.57	2.276e+04	-1882.82
	8	2259.04	-120.13	-9629.11	2.507e+04	2.631e+05	-3908.33
	9	1391.63	-94.44	-6350.87	1.799e+04	1.620e+05	-2380.23
11	23	1391.69	-94.10	-6350.91	1.795e+04	1.620e+05	-2389.18
	7	2259.01	-120.31	-9629.09	2.509e+04	2.631e+05	-3903.85
	9	1391.63	-94.44	-6350.87	1.799e+04	1.620e+05	-2380.23
	8	2259.04	-120.13	-9629.11	2.507e+04	2.631e+05	-3908.33
	21	-72.70	258.74	-883.89	-679.34	-9713.70	-820.19
12	15	-66.67	189.15	-627.32	-603.35	-8627.12	-731.99
	7	-87.24	246.12	-815.34	-788.96	-1.128e+04	-957.31
	23	-52.13	201.76	-695.87	-493.74	-7059.76	-594.87
	7	-87.24	246.12	-815.34	-788.96	-1.128e+04	-957.31
	23	-52.13	201.76	-695.87	-493.74	-7059.76	-594.87
14	7	814.06	72.62	-4781.86	-8117.29	-338.37	-741.58
	23	529.99	46.15	-3103.04	-5233.39	-218.16	-484.19
	8	813.66	72.77	-4780.71	-8162.53	-340.26	-745.93
	9	530.80	45.86	-3105.32	-5142.90	-214.38	-475.50
	8	813.66	72.77	-4780.71	-8162.53	-340.26	-745.93
19	9	530.80	45.86	-3105.32	-5142.90	-214.38	-475.50
	7	-894.15	5.44	-6518.12	-8285.40	-345.38	737.05
	23	-560.61	7.15	-4124.34	-5499.94	-229.27	476.16
	8	-894.29	5.60	-6517.57	-8330.67	-347.27	741.40
	9	-560.33	6.83	-4125.44	-5409.40	-225.49	467.47
21	8	-894.29	5.60	-6517.57	-8330.67	-347.27	741.40
	9	-560.33	6.83	-4125.44	-5409.40	-225.49	467.47
	7	420.75	38.99	-9826.15	-4086.00	4.597e+04	93.72
	23	262.55	28.15	-6292.54	-2961.55	2.867e+04	78.56
	8	420.71	39.02	-9825.53	-4092.11	4.596e+04	94.36
23	9	262.63	28.09	-6293.77	-2949.34	2.869e+04	77.28
	23	262.55	28.15	-6292.54	-2961.55	2.867e+04	78.56
	7	420.75	38.99	-9826.15	-4086.00	4.597e+04	93.72
	8	-250.89	337.77	-3309.77	-1732.09	-2.481e+04	-853.91
	9	-145.98	201.95	-2074.65	-996.52	-1.427e+04	-474.41
25	7	-253.32	338.27	-3293.28	-1761.50	-2.523e+04	-885.30
	23	-141.12	200.97	-2107.62	-937.71	-1.343e+04	-411.62
	7	-253.32	338.27	-3293.28	-1761.50	-2.523e+04	-885.30
	23	-141.12	200.97	-2107.62	-937.71	-1.343e+04	-411.62
	7	190.95	-11.44	-3.134e+04	1271.21	2.533e+04	-460.31
25	23	112.09	-12.43	-1.939e+04	1482.09	1.485e+04	-275.32
	16	145.09	-8.71	-2.395e+04	954.90	1.924e+04	-350.44
	1	158.71	-15.39	-2.679e+04	1839.89	2.104e+04	-386.40
	23	112.09	-12.43	-1.939e+04	1482.09	1.485e+04	-275.32
	7	190.95	-11.44	-3.134e+04	1271.21	2.533e+04	-460.31
25	7	-45.88	-44.52	-3.027e+04	5802.29	-6712.70	-166.75
	23	-25.05	-28.99	-1.874e+04	3737.85	-3692.57	-89.84
	23	-25.05	-28.99	-1.874e+04	3737.85	-3692.57	-89.84
	7	-45.88	-44.52	-3.027e+04	5802.29	-6712.70	-166.75
	7	-45.88	-44.52	-3.027e+04	5802.29	-6712.70	-166.75

	23	-25.05	-28.99	-1.874e+04	3737.85	-3692.57	-89.84
27	8	65.74	400.33	-2790.06	-3519.72	1.271e+04	539.48
	9	33.68	248.66	-1767.76	-1727.02	7123.63	278.37
	7	67.59	399.13	-2775.24	-3612.99	1.305e+04	574.91
	23	29.97	251.05	-1797.39	-1785.48	6449.79	207.51
	23	29.97	251.05	-1797.39	-1785.48	6449.79	207.51
	7	67.59	399.13	-2775.24	-3612.99	1.305e+04	574.91
29	7	-83.27	-307.87	-2329.06	-587.27	-8396.92	792.64
	23	-43.77	-186.73	-1500.01	-333.19	-4764.09	470.59
	7	-83.27	-307.87	-2329.06	-587.27	-8396.92	792.64
	23	-43.77	-186.73	-1500.01	-333.19	-4764.09	470.59
	7	-83.27	-307.87	-2329.06	-587.27	-8396.92	792.64
	23	-43.77	-186.73	-1500.01	-333.19	-4764.09	470.59
34	21	-95.87	4.87	-973.37	-724.73	-1.263e+04	458.12
	15	-84.87	3.50	-712.74	-537.36	-1.118e+04	392.54
	22	-102.59	4.81	-951.93	-727.57	-1.352e+04	483.02
	9	-69.66	3.61	-761.63	-530.29	-9172.79	336.27
	8	-111.02	4.65	-924.44	-715.42	-1.463e+04	513.52
	9	-69.66	3.61	-761.63	-530.29	-9172.79	336.27
35	7	228.93	-7.64	-1439.40	-255.40	1100.41	-67.91
	23	145.42	5.13	-915.34	-239.27	630.78	-22.56
	22	212.32	2.01	-1324.28	-299.57	970.87	-46.78
	9	145.45	-2.96	-940.19	-193.34	658.96	-33.65
	23	145.42	5.13	-915.34	-239.27	630.78	-22.56
	7	228.93	-7.64	-1439.40	-255.40	1100.41	-67.91
37	22	280.20	290.75	-2094.34	-410.78	1.927e+04	941.48
	9	187.08	203.74	-1446.97	-274.76	1.289e+04	631.01
	8	295.58	281.29	-2064.10	-435.29	2.042e+04	1009.25
	9	187.08	203.74	-1446.97	-274.76	1.289e+04	631.01
	9	187.08	203.74	-1446.97	-274.76	1.289e+04	631.01
	8	295.58	281.29	-2064.10	-435.29	2.042e+04	1009.25
39	21	-315.36	-367.58	-1749.72	-1558.30	-2.232e+04	515.95
	15	-296.54	-264.83	-1240.75	-1550.73	-2.221e+04	595.19
	7	-388.29	-344.14	-1611.17	-2032.74	-2.912e+04	781.90
	23	-223.61	-288.26	-1379.30	-1076.28	-1.542e+04	329.24
	7	-388.29	-344.14	-1611.17	-2032.74	-2.912e+04	781.90
	23	-223.61	-288.26	-1379.30	-1076.28	-1.542e+04	329.24
41	8	121.48	-165.70	-2.295e+04	1.723e+04	1.225e+04	-64.36
	9	76.46	-116.29	-1.415e+04	1.217e+04	7720.87	-55.38
	9	76.46	-116.29	-1.415e+04	1.217e+04	7720.87	-55.38
	8	121.48	-165.70	-2.295e+04	1.723e+04	1.225e+04	-64.36
	9	76.46	-116.29	-1.415e+04	1.217e+04	7720.87	-55.38
	8	121.48	-165.70	-2.295e+04	1.723e+04	1.225e+04	-64.36
43	8	633.78	-62.50	-1.818e+04	7288.10	6.689e+04	-1842.89
	9	370.59	-48.12	-1.145e+04	5515.80	3.911e+04	-1080.34
	15	485.63	-43.77	-1.390e+04	5171.98	5.126e+04	-1410.31
	21	516.37	-72.63	-1.573e+04	8209.59	5.448e+04	-1508.55
	23	365.85	-59.68	-1.146e+04	6671.11	3.859e+04	-1071.60
	7	636.15	-56.73	-1.818e+04	6710.45	6.715e+04	-1847.26
45	22	55.98	-234.23	-1840.60	173.80	-627.81	35.56
	9	43.38	-172.78	-1328.38	76.66	-276.90	14.03
	7	65.78	-209.83	-1743.04	-337.76	1220.11	-102.85
	23	37.50	-191.01	-1432.40	406.01	-1466.64	102.02
	23	37.50	-191.01	-1432.40	406.01	-1466.64	102.02
	7	65.78	-209.83	-1743.04	-337.76	1220.11	-102.85
47	8	-656.85	-817.64	-9138.02	7.728e+04	-6.673e+04	2353.98
	9	-414.75	-477.19	-5969.11	4.505e+04	-4.210e+04	1503.20
	23	-456.56	-443.48	-6623.07	4.169e+04	-4.625e+04	1716.67
	7	-635.94	-834.50	-8811.04	7.896e+04	-6.466e+04	2247.25
	8	-656.85	-817.64	-9138.02	7.728e+04	-6.673e+04	2353.98
	9	-414.75	-477.19	-5969.11	4.505e+04	-4.210e+04	1503.20
49	22	303.44	262.42	-4497.57	-2.620e+04	2.881e+04	-3450.20
	9	192.99	167.77	-2944.43	-1.672e+04	1.829e+04	-2233.54
	21	297.97	273.32	-4403.08	-2.725e+04	2.837e+04	-3349.87
	15	205.29	143.06	-3157.35	-1.433e+04	1.929e+04	-2460.60
	9	192.99	167.77	-2944.43	-1.672e+04	1.829e+04	-2233.54
	22	303.44	262.42	-4497.57	-2.620e+04	2.881e+04	-3450.20
51	22	434.24	311.62	-1.259e+04	-3.061e+04	4.197e+04	-1934.74
	9	279.80	195.98	-8288.42	-1.920e+04	2.703e+04	-1254.61
	21	405.02	313.31	-1.231e+04	-3.081e+04	3.917e+04	-1785.50
	15	345.75	192.14	-8912.57	-1.874e+04	3.336e+04	-1591.58
	9	279.80	195.98	-8288.42	-1.920e+04	2.703e+04	-1254.61
	8	461.59	279.54	-1.227e+04	-2.734e+04	4.456e+04	-2102.79
53	22	-700.93	53.38	-9467.25	-4908.64	-6.575e+04	3451.00
	9	-453.25	28.27	-6210.70	-2544.21	-4.253e+04	2231.43
	23	-506.94	81.68	-7040.24	-7555.64	-4.747e+04	2521.21
	7	-688.41	-26.19	-9037.64	2528.37	-6.472e+04	3346.13

55	8	-715.26	0.52	-9452.41	22.66	-6.719e+04	3491.02
	9	-453.25	28.27	-6210.70	-2544.21	-4.253e+04	2231.43
	8	-105.79	59.94	-1.040e+04	-6078.19	-1.125e+04	242.08
	9	-56.37	40.96	-6596.04	-4168.51	-6003.52	133.85
	22	-84.72	61.61	-9759.05	-6291.58	-9031.10	197.48
57	9	-56.37	40.96	-6596.04	-4168.51	-6003.52	133.85
	7	-111.12	56.82	-1.032e+04	-5735.33	-1.181e+04	253.58
	23	-45.69	47.22	-6762.07	-4854.22	-4890.21	110.84
	8	-4.37	56.18	-1.102e+04	-5743.73	-255.00	59.61
	9	8.52	44.22	-7164.59	-4548.10	1013.37	35.07
59	21	24.87	70.43	-1.017e+04	-7288.11	2756.85	44.03
	15	-10.56	37.58	-8253.91	-3816.77	-944.55	47.70
	7	-14.52	48.57	-1.077e+04	-4930.68	-1308.94	62.56
	23	28.83	59.44	-7646.76	-6174.20	3121.24	29.17
	8	205.02	-346.12	-4520.28	3.659e+04	2.257e+04	244.26
61	9	147.61	-219.93	-3099.03	2.327e+04	1.613e+04	152.78
	23	186.06	-218.68	-3275.57	2.312e+04	2.011e+04	153.55
	7	185.80	-346.75	-4432.00	3.667e+04	2.058e+04	243.88
	15	143.07	-265.30	-3399.81	2.806e+04	1.584e+04	186.51
	21	228.78	-300.13	-4307.76	3.173e+04	2.485e+04	210.92
63	8	409.54	-511.93	-7953.01	5.023e+04	4.121e+04	970.29
	9	247.59	-344.18	-5196.91	3.381e+04	2.490e+04	637.92
	9	247.59	-344.18	-5196.91	3.381e+04	2.490e+04	637.92
	22	358.85	-517.14	-7637.12	5.078e+04	3.608e+04	963.83
	23	227.35	-389.29	-5451.47	3.826e+04	2.283e+04	711.46
65	7	419.66	-489.38	-7825.73	4.801e+04	4.225e+04	933.52
	7	218.26	251.56	-1.097e+04	-2.850e+04	2.305e+04	560.10
	23	137.72	178.14	-7093.61	-2.009e+04	1.455e+04	379.46
	8	218.46	252.02	-1.097e+04	-2.858e+04	2.307e+04	563.37
	9	137.33	177.21	-7094.61	-1.994e+04	1.451e+04	372.91
68	9	137.33	177.21	-7094.61	-1.994e+04	1.451e+04	372.91
	8	218.46	252.02	-1.097e+04	-2.858e+04	2.307e+04	563.37
	7	-315.22	18.52	-2123.59	-3525.43	-146.17	-69.91
	23	-207.95	13.26	-1391.49	-2395.29	-99.31	-52.57
	8	-316.87	20.01	-2117.41	-3662.34	-151.84	-73.04
85	9	-204.63	10.29	-1403.86	-2121.47	-87.96	-46.31
	8	-316.87	20.01	-2117.41	-3662.34	-151.84	-73.04
	9	-204.63	10.29	-1403.86	-2121.47	-87.96	-46.31
	8	-1119.08	-46.52	-8983.15	2195.30	-1.026e+05	-1974.44
	9	-720.69	-24.26	-6019.58	963.75	-6.610e+04	-1252.44
94	15	-837.87	-23.22	-6748.73	564.86	-7.678e+04	-1481.62
	21	-1026.84	-63.94	-8433.31	4072.93	-9.417e+04	-1783.93
	8	-1119.08	-46.52	-8983.15	2195.30	-1.026e+05	-1974.44
	9	-720.69	-24.26	-6019.58	963.75	-6.610e+04	-1252.44
	8	25.03	130.09	-1391.22	-43.55	2044.02	-74.28
103	9	15.25	87.10	-947.69	-25.79	1210.69	-37.39
	7	25.73	123.99	-1387.48	-44.50	2088.52	-80.50
	23	13.87	99.30	-955.17	-23.90	1121.69	-24.96
	23	13.87	99.30	-955.17	-23.90	1121.69	-24.96
	7	25.73	123.99	-1387.48	-44.50	2088.52	-80.50
112	8	7.84	164.70	-1470.28	-63.82	2993.71	-304.63
	9	3.33	115.39	-1026.13	-37.55	1761.59	-183.37
	7	9.17	157.43	-1451.11	-65.37	3066.59	-309.05
	23	0.67	129.93	-1064.48	-34.45	1615.83	-174.53
	23	0.67	129.93	-1064.48	-34.45	1615.83	-174.53
121	7	9.17	157.43	-1451.11	-65.37	3066.59	-309.05
	8	22.76	145.20	-1571.02	-104.47	4900.52	-453.07
	9	12.00	108.22	-1110.05	-62.42	2928.11	-280.51
	7	24.52	137.72	-1539.56	-106.28	4985.42	-452.95
	23	8.49	123.19	-1172.98	-58.80	2758.33	-280.75
130	23	8.49	123.19	-1172.98	-58.80	2758.33	-280.75
	7	24.52	137.72	-1539.56	-106.28	4985.42	-452.95
	22	40.06	94.62	-1722.88	-144.33	6775.15	-560.94
	9	27.29	70.88	-1218.36	-97.43	4573.65	-376.04
	7	49.26	74.15	-1675.09	-161.98	7603.81	-591.63
130	23	23.82	83.91	-1304.06	-94.46	4434.05	-388.04
	23	23.82	83.91	-1304.06	-94.46	4434.05	-388.04
	7	49.26	74.15	-1675.09	-161.98	7603.81	-591.63
	22	72.03	10.08	-1955.40	-213.40	1.002e+04	-726.23
	9	48.66	16.24	-1373.75	-143.66	6742.68	-485.43
130	7	82.53	-13.38	-1888.08	-234.11	1.099e+04	-753.05
	23	46.17	25.40	-1483.54	-142.63	6694.43	-509.28
	23	46.17	25.40	-1483.54	-142.63	6694.43	-509.28
	7	82.53	-13.38	-1888.08	-234.11	1.099e+04	-753.05
	22	114.97	-69.54	-2276.82	-302.27	1.418e+04	-917.66
130	9	77.29	-35.46	-1587.95	-203.01	9523.12	-612.57
	8	126.15	-92.15	-2261.51	-326.93	1.534e+04	-962.20

	9	77.29	-35.46	-1587.95	-203.01	9523.12	-612.57
	9	77.29	-35.46	-1587.95	-203.01	9523.12	-612.57
	8	126.15	-92.15	-2261.51	-326.93	1.534e+04	-962.20
139	22	173.26	-103.12	-2676.58	-414.22	1.943e+04	-1146.70
	9	116.14	-56.74	-1854.54	-277.72	1.303e+04	-765.22
	8	187.04	-127.53	-2660.83	-444.23	2.084e+04	-1201.47
	9	116.14	-56.74	-1854.54	-277.72	1.303e+04	-765.22
	9	116.14	-56.74	-1854.54	-277.72	1.303e+04	-765.22
	8	187.04	-127.53	-2660.83	-444.23	2.084e+04	-1201.47
148	22	266.25	-43.31	-3110.14	-555.21	2.606e+04	-1435.18
	9	178.19	-15.97	-2145.01	-371.81	1.745e+04	-957.85
	8	284.61	-66.96	-3092.74	-592.00	2.779e+04	-1504.52
	9	178.19	-15.97	-2145.01	-371.81	1.745e+04	-957.85
	9	178.19	-15.97	-2145.01	-371.81	1.745e+04	-957.85
	8	284.61	-66.96	-3092.74	-592.00	2.779e+04	-1504.52
157	22	466.43	156.50	-3539.72	-726.59	3.410e+04	-1387.99
	9	311.84	118.05	-2438.26	-486.19	2.282e+04	-925.81
	8	494.98	136.83	-3510.93	-771.54	3.621e+04	-1449.14
	9	311.84	118.05	-2438.26	-486.19	2.282e+04	-925.81
	9	311.84	118.05	-2438.26	-486.19	2.282e+04	-925.81
	8	494.98	136.83	-3510.93	-771.54	3.621e+04	-1449.14
180	7	420.15	-314.89	-4448.22	-175.88	4.371e+04	818.11
	23	254.25	-206.62	-2874.66	-106.76	2.653e+04	482.63
	8	420.15	-314.83	-4447.94	-175.89	4.371e+04	817.88
	9	254.24	-206.74	-2875.23	-106.74	2.653e+04	483.10
	9	254.24	-206.74	-2875.23	-106.74	2.653e+04	483.10
	8	420.15	-314.83	-4447.94	-175.89	4.371e+04	817.88
189	7	259.85	-102.04	-3946.63	-152.54	3.791e+04	1167.50
	23	157.85	-70.76	-2568.95	-92.84	2.307e+04	697.27
	8	259.86	-101.98	-3946.45	-152.56	3.791e+04	1167.40
	9	157.82	-70.88	-2569.32	-92.81	2.307e+04	697.47
	9	157.82	-70.88	-2569.32	-92.81	2.307e+04	697.47
	8	259.86	-101.98	-3946.45	-152.56	3.791e+04	1167.40
198	7	178.46	15.59	-3506.47	-132.46	3.292e+04	836.60
	23	108.75	5.73	-2303.36	-80.88	2.010e+04	495.66
	8	178.47	15.65	-3506.35	-132.48	3.292e+04	836.52
	9	108.72	5.60	-2303.60	-80.84	2.009e+04	495.81
	9	108.72	5.60	-2303.60	-80.84	2.009e+04	495.81
	8	178.47	15.65	-3506.35	-132.48	3.292e+04	836.52
207	7	141.28	62.15	-3073.29	-119.62	2.973e+04	466.07
	23	86.52	37.72	-2041.62	-73.34	1.823e+04	267.97
	8	141.29	62.21	-3073.23	-119.63	2.973e+04	465.99
	9	86.50	37.59	-2041.75	-73.30	1.822e+04	268.12
	9	86.50	37.59	-2041.75	-73.30	1.822e+04	268.12
	8	141.29	62.21	-3073.23	-119.63	2.973e+04	465.99
216	7	130.20	66.54	-2661.16	-113.76	2.836e+04	91.90
	23	80.33	43.36	-1792.27	-70.12	1.748e+04	36.80
	8	130.21	66.59	-2661.15	-113.78	2.836e+04	91.81
	9	80.30	43.25	-1792.28	-70.08	1.747e+04	36.98
	9	80.30	43.25	-1792.28	-70.08	1.747e+04	36.98
	8	130.21	66.59	-2661.15	-113.78	2.836e+04	91.81
225	8	141.93	57.22	-2275.87	-115.75	2.885e+04	-281.20
	9	88.22	40.43	-1558.92	-71.69	1.787e+04	-194.39
	8	141.93	57.22	-2275.87	-115.75	2.885e+04	-281.20
	9	88.22	40.43	-1558.92	-71.69	1.787e+04	-194.39
	9	88.22	40.43	-1558.92	-71.69	1.787e+04	-194.39
	8	141.93	57.22	-2275.87	-115.75	2.885e+04	-281.20
234	8	179.16	58.09	-1904.33	-125.56	3.120e+04	-642.82
	9	112.05	44.33	-1333.88	-78.18	1.943e+04	-419.96
	8	179.16	58.09	-1904.33	-125.56	3.120e+04	-642.82
	9	112.05	44.33	-1333.88	-78.18	1.943e+04	-419.96
	9	112.05	44.33	-1333.88	-78.18	1.943e+04	-419.96
	8	179.16	58.09	-1904.33	-125.56	3.120e+04	-642.82
243	8	256.82	82.63	-1521.57	-142.28	3.536e+04	-953.20
	9	161.35	63.82	-1102.56	-89.02	2.212e+04	-615.92
	8	256.82	82.63	-1521.57	-142.28	3.536e+04	-953.20
	9	161.35	63.82	-1102.56	-89.02	2.212e+04	-615.92
	9	161.35	63.82	-1102.56	-89.02	2.212e+04	-615.92
	8	256.82	82.63	-1521.57	-142.28	3.536e+04	-953.20
252	21	352.70	124.06	-1122.26	-140.25	3.486e+04	-565.14
	19	304.41	95.33	-859.10	-121.50	3.019e+04	-473.23
	8	406.42	124.06	-1117.91	-162.32	4.034e+04	-628.65
	9	257.03	95.33	-863.63	-102.01	2.535e+04	-417.81
	9	257.03	95.33	-863.63	-102.01	2.535e+04	-417.81
	8	406.42	124.06	-1117.91	-162.32	4.034e+04	-628.65
275	7	-359.34	0.42	-2934.51	1937.07	-4.718e+04	-1696.42
	23	-217.41	-13.38	-1945.13	1176.64	-2.866e+04	-1022.56

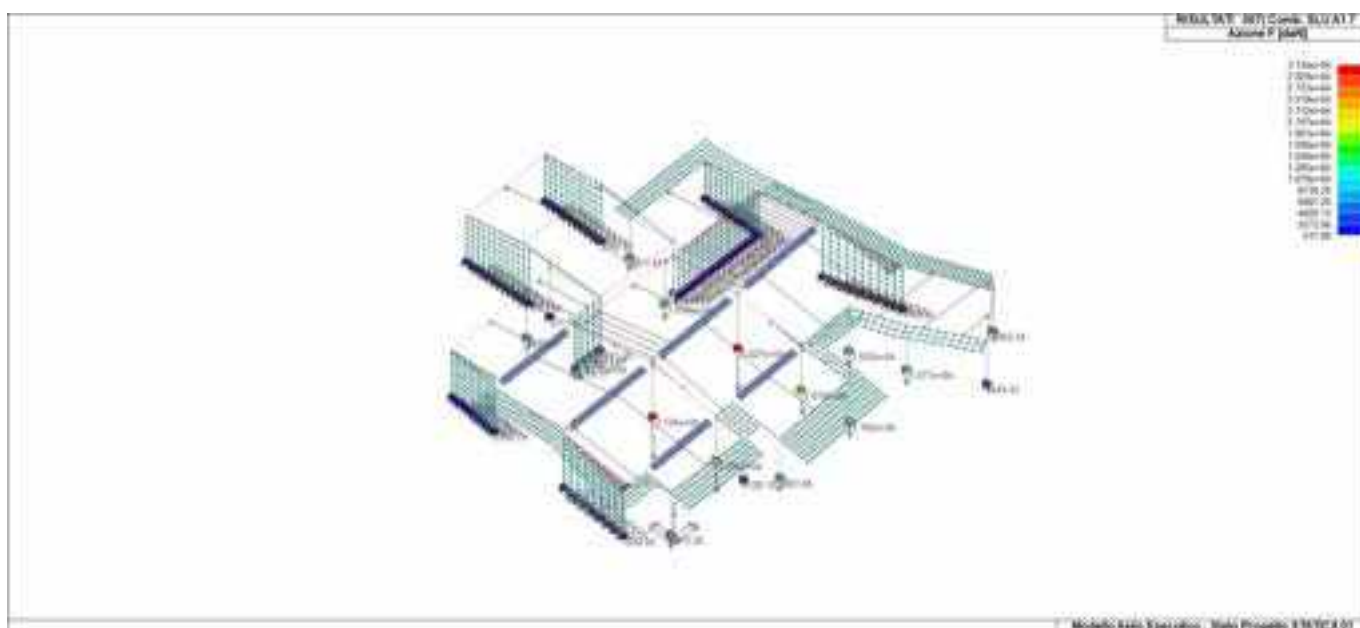
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	7	-359.34	0.42	-2934.51	1937.07	-4.718e+04	-1696.42
	7	-359.34	0.42	-2934.51	1937.07	-4.718e+04	-1696.42
284	23	-217.41	-13.38	-1945.13	1176.64	-2.866e+04	-1022.56
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	23	-155.61	56.82	-1873.84	991.97	-2.416e+04	-821.16
	23	-155.61	56.82	-1873.84	991.97	-2.416e+04	-821.16
	7	-256.97	109.63	-2815.82	1630.45	-3.971e+04	-1366.21
	7	-256.97	109.63	-2815.82	1630.45	-3.971e+04	-1366.21
	23	-155.61	56.82	-1873.84	991.97	-2.416e+04	-821.16
293	7	-200.25	163.26	-2677.35	1392.49	-3.392e+04	-1032.15
	23	-121.52	92.31	-1791.22	849.35	-2.069e+04	-615.96
	23	-121.52	92.31	-1791.22	849.35	-2.069e+04	-615.96
	7	-200.25	163.26	-2677.35	1392.49	-3.392e+04	-1032.15
	7	-200.25	163.26	-2677.35	1392.49	-3.392e+04	-1032.15
	23	-121.52	92.31	-1791.22	849.35	-2.069e+04	-615.96
302	7	-164.79	176.78	-2543.36	1219.35	-2.970e+04	-700.78
	23	-100.44	102.90	-1711.44	746.68	-1.819e+04	-411.33
	23	-100.44	102.90	-1711.44	746.68	-1.819e+04	-411.33
	7	-164.79	176.78	-2543.36	1219.35	-2.970e+04	-700.78
	7	-164.79	176.78	-2543.36	1219.35	-2.970e+04	-700.78
	23	-100.44	102.90	-1711.44	746.68	-1.819e+04	-411.33
311	8	-146.96	168.06	-2433.80	1112.76	-2.710e+04	-356.81
	9	-90.22	97.51	-1645.61	685.80	-1.670e+04	-197.98
	23	-90.26	99.30	-1646.33	685.36	-1.669e+04	-198.15
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	23	-90.26	99.30	-1646.33	685.36	-1.669e+04	-198.15
320	8	-148.52	154.72	-2356.99	1076.48	-2.622e+04	-7.60
	9	-92.11	91.91	-1598.96	668.06	-1.627e+04	19.12
	23	-92.14	93.74	-1600.93	667.58	-1.626e+04	18.92
	7	-148.51	153.81	-2356.01	1076.72	-2.622e+04	-7.51
	7	-148.51	153.81	-2356.01	1076.72	-2.622e+04	-7.51
	23	-92.14	93.74	-1600.93	667.58	-1.626e+04	18.92
329	8	-173.36	157.21	-2308.98	1111.00	-2.706e+04	327.56
	9	-108.58	96.82	-1569.49	694.49	-1.691e+04	228.71
	23	-108.60	98.64	-1572.82	693.96	-1.690e+04	228.48
	7	-173.35	156.30	-2307.31	1111.26	-2.707e+04	327.68
	7	-173.35	156.30	-2307.31	1111.26	-2.707e+04	327.68
	23	-108.60	98.64	-1572.82	693.96	-1.690e+04	228.48
338	8	-232.74	191.36	-2281.99	1212.15	-2.952e+04	603.24
	9	-147.03	122.48	-1552.22	762.87	-1.858e+04	403.61
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	7	-232.74	190.47	-2279.47	1212.44	-2.953e+04	603.35
	7	-232.74	190.47	-2279.47	1212.44	-2.953e+04	603.35
	23	-147.03	124.25	-1557.25	762.30	-1.857e+04	403.38
347	8	-344.95	262.32	-2320.40	1341.75	-3.268e+04	336.71
	9	-220.34	172.50	-1576.53	850.04	-2.070e+04	240.65
	23	-220.31	174.25	-1584.19	849.44	-2.069e+04	240.70
	7	-344.97	261.45	-2316.57	1342.06	-3.269e+04	336.69
	7	-344.97	261.45	-2316.57	1342.06	-3.269e+04	336.69
	23	-220.31	174.25	-1584.19	849.44	-2.069e+04	240.70
371	22	-193.63	493.89	-1323.45	-1395.99	-1.996e+04	348.58
	9	-130.86	343.57	-951.62	-946.67	-1.354e+04	238.25
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	23	-71.31	420.71	-1099.33	-826.93	-1.182e+04	405.98
389	8	-71.33	565.07	-1835.28	-1149.57	-1.644e+04	497.88
	9	-41.52	397.12	-1278.88	-715.81	-1.024e+04	316.78
	7	-72.85	543.38	-1814.01	-1150.63	-1.645e+04	496.19
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	7	-72.85	543.38	-1814.01	-1150.63	-1.645e+04	496.19
	23	-38.46	440.51	-1321.42	-713.70	-1.020e+04	320.17
398	8	-45.42	572.16	-2251.66	-1023.85	-1.464e+04	325.40
	9	-25.19	401.57	-1548.02	-635.28	-9083.47	210.95
	7	-47.07	549.35	-2230.83	-1025.53	-1.466e+04	322.87
	23	-21.91	447.18	-1589.69	-631.92	-9035.41	216.02
	7	-47.07	549.35	-2230.83	-1025.53	-1.466e+04	322.87
	23	-21.91	447.18	-1589.69	-631.92	-9035.41	216.02
407	8	-35.13	556.40	-2690.29	-951.56	-1.361e+04	149.52

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	23	-15.15	435.99	-1875.47	-582.20	-8324.64	111.16
	7	-36.88	533.41	-2668.86	-954.17	-1.364e+04	145.86
	23	-15.15	435.99	-1875.47	-582.20	-8324.64	111.16
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	7	-41.00	481.06	-3105.96	-937.20	-1.340e+04	-33.13
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	7	-41.00	481.06	-3105.96	-937.20	-1.340e+04	-33.13
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425	8	-60.40	394.51	-3533.69	-968.91	-1.385e+04	-199.93
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434	8	-106.78	210.56	-3870.55	-1053.90	-1.507e+04	-327.63
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	7	-109.05	193.89	-3855.78	-1062.02	-1.519e+04	-336.51
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	23	-222.84	-117.90	-4062.21	-1570.19	-2.249e+04	896.10
495	8	-237.19	-630.20	-5826.21	-2190.20	-3.137e+04	1127.22
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497	8	-177.86	-828.17	-5142.42	-1731.37	-2.480e+04	560.28
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499	8	-157.68	-826.20	-4398.53	-1585.62	-2.271e+04	-32.35
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501	8	-181.50	-740.41	-3731.99	-1778.97	-2.548e+04	-671.24
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503	8	-271.88	-663.49	-3180.79	-2341.67	-3.354e+04	-1342.92
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	23	-6.89	-106.25	-2727.63	782.84	-2828.02	-43.09
	23	-6.89	-106.25	-2727.63	782.84	-2828.02	-43.09
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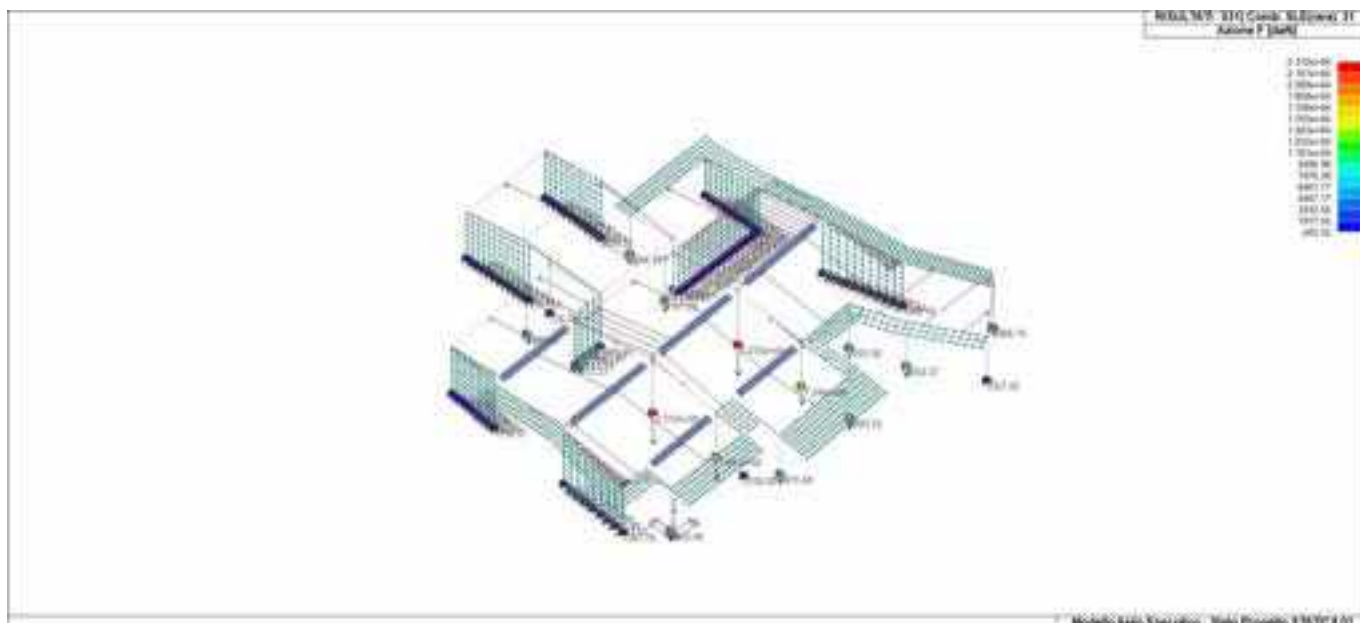
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629	23	-46.62	76.57	-2785.75	512.25	-1850.52	-116.73
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	9	-9.18	14.68	-2633.95	-199.12	719.35	-148.55
	7	-4.87	65.88	-3793.56	-1034.48	3737.09	-218.28
638	23	-23.50	11.06	-2765.67	284.41	-1027.43	-172.72
	23	-23.50	11.06	-2765.67	284.41	-1027.43	-172.72
	7	-4.87	65.88	-3793.56	-1034.48	3737.09	-218.28
	8	46.00	-107.73	-3995.96	-1261.29	4556.40	-367.37
	9	27.22	-91.77	-2695.07	-493.63	1783.22	-226.78
647	7	52.09	-104.57	-3937.06	-1485.84	5367.60	-357.83
	23	15.06	-98.09	-2812.87	-44.52	160.82	-245.87
	23	15.06	-98.09	-2812.87	-44.52	160.82	-245.87
	7	52.09	-104.57	-3937.06	-1485.84	5367.60	-357.83
	8	104.60	-251.73	-4262.32	-1961.12	7084.31	-529.77
656	9	63.51	-180.81	-2838.41	-920.20	3324.10	-319.77
	7	109.70	-247.00	-4209.03	-2172.69	7848.57	-522.94
	23	53.31	-190.26	-2944.99	-497.06	1795.58	-333.43
	23	53.31	-190.26	-2944.99	-497.06	1795.58	-333.43
	7	109.70	-247.00	-4209.03	-2172.69	7848.57	-522.94
665	8	144.67	-287.50	-4604.91	-2931.58	1.059e+04	-724.94
	9	87.23	-200.97	-3028.59	-1501.45	5424.05	-431.47
	7	149.26	-282.03	-4556.37	-3134.92	1.133e+04	-721.36
	23	78.06	-211.90	-3125.68	-1094.78	3954.95	-438.63
	23	78.06	-211.90	-3125.68	-1094.78	3954.95	-438.63
674	7	149.26	-282.03	-4556.37	-3134.92	1.133e+04	-721.36
	8	162.14	-155.31	-4912.83	-4241.24	1.532e+04	-975.26
	9	94.89	-114.15	-3192.90	-2276.88	8225.61	-575.68
	7	167.11	-150.60	-4869.63	-4441.91	1.605e+04	-974.96
	23	84.96	-123.57	-3279.30	-1875.54	6775.70	-576.28
691	23	84.96	-123.57	-3279.30	-1875.54	6775.70	-576.28
	7	167.11	-150.60	-4869.63	-4441.91	1.605e+04	-974.96
	8	201.56	188.91	-5090.08	-5976.21	2.159e+04	-1106.67
	9	112.26	106.71	-3265.26	-3302.18	1.193e+04	-661.33
	7	208.07	191.21	-5054.87	-6175.47	2.231e+04	-1099.36
701	23	99.24	102.10	-3335.68	-2903.67	1.049e+04	-675.96
	23	99.24	102.10	-3335.68	-2903.67	1.049e+04	-675.96
	7	208.07	191.21	-5054.87	-6175.47	2.231e+04	-1099.36
	7	-503.02	149.84	-1.096e+04	-1.744e+04	-727.01	121.95
	23	-303.40	100.70	-6971.71	-1.148e+04	-478.54	59.81
711	8	-503.67	150.71	-1.095e+04	-1.754e+04	-731.07	123.04
	9	-302.09	98.95	-6974.83	-1.128e+04	-470.42	57.64
	8	-503.67	150.71	-1.095e+04	-1.754e+04	-731.07	123.04
	9	-302.09	98.95	-6974.83	-1.128e+04	-470.42	57.64
	7	254.51	163.30	-9775.95	-1.739e+04	-724.73	-15.19
727	23	180.98	107.12	-6256.77	-1.134e+04	-472.59	-23.49
	8	253.61	164.10	-9774.48	-1.749e+04	-728.84	-15.19
	9	182.77	105.52	-6259.73	-1.114e+04	-464.36	-23.49
	8	253.61	164.10	-9774.48	-1.749e+04	-728.84	-15.19
	9	182.77	105.52	-6259.73	-1.114e+04	-464.36	-23.49
736	7	837.12	202.22	-8869.37	-1.724e+04	-718.42	-154.20
	23	551.12	130.98	-5715.74	-1.116e+04	-465.26	-111.33
	8	836.25	203.09	-8867.95	-1.734e+04	-722.48	-155.29
	9	552.86	129.24	-5718.58	-1.097e+04	-457.15	-109.14
	8	836.25	203.09	-8867.95	-1.734e+04	-722.48	-155.29
777	9	552.86	129.24	-5718.58	-1.097e+04	-457.15	-109.14
	7	-266.65	5.56	-1868.54	-3020.35	-125.22	-110.98
	23	-177.39	3.90	-1230.42	-2032.48	-84.27	-78.74
	8	-269.29	6.42	-1862.52	-3136.22	-130.03	-115.66
	9	-172.11	2.17	-1242.46	-1800.75	-74.66	-69.39
	8	-269.29	6.42	-1862.52	-3136.22	-130.03	-115.66
	9	-172.11	2.17	-1242.46	-1800.75	-74.66	-69.39
	7	-231.94	-1.01	-1747.19	-2558.06	-106.02	-84.57
	23	-155.44	-0.79	-1156.42	-1705.63	-70.69	-59.74
	8	-235.13	-0.50	-1742.38	-2653.37	-109.97	-88.67
	9	-149.07	-1.82	-1166.04	-1515.02	-62.79	-51.53
	8	-235.13	-0.50	-1742.38	-2653.37	-109.97	-88.67

	9	-149.07	-1.82	-1166.04	-1515.02	-62.79	-51.53
745	7	-203.64	-3.21	-1670.88	-2233.31	-92.56	-57.05
	23	-137.79	-2.44	-1111.09	-1476.23	-61.18	-40.32
	8	-207.06	-2.90	-1667.64	-2311.06	-95.78	-60.55
	9	-130.95	-3.05	-1117.57	-1320.73	-54.74	-33.31
	8	-207.06	-2.90	-1667.64	-2311.06	-95.78	-60.55
	9	-130.95	-3.05	-1117.57	-1320.73	-54.74	-33.31
754	7	-177.05	-3.15	-1618.13	-2022.64	-83.86	-36.25
	23	-121.62	-2.54	-1080.37	-1327.30	-55.03	-25.62
	8	-180.51	-2.99	-1616.49	-2085.52	-86.47	-39.20
	9	-114.70	-2.86	-1083.65	-1201.54	-49.82	-19.73
	8	-180.51	-2.99	-1616.49	-2085.52	-86.47	-39.20
	9	-114.70	-2.86	-1083.65	-1201.54	-49.82	-19.73
763	7	-150.94	-1.97	-1580.04	-1891.31	-78.41	-22.53
	23	-106.27	-1.88	-1058.60	-1234.53	-51.18	-15.91
	8	-154.35	-1.92	-1579.87	-1941.80	-80.51	-24.97
	9	-99.45	-1.99	-1058.95	-1133.53	-47.00	-11.03
	8	-154.35	-1.92	-1579.87	-1941.80	-80.51	-24.97
	9	-99.45	-1.99	-1058.95	-1133.53	-47.00	-11.03
772	8	-128.34	-0.33	-1553.50	-1849.78	-76.67	-16.25
	9	-84.87	-0.85	-1041.08	-1096.05	-45.43	-6.11
	8	-128.34	-0.33	-1553.50	-1849.78	-76.67	-16.25
	9	-84.87	-0.85	-1041.08	-1096.05	-45.43	-6.11
	8	-128.34	-0.33	-1553.50	-1849.78	-76.67	-16.25
	9	-84.87	-0.85	-1041.08	-1096.05	-45.43	-6.11
781	8	-102.13	1.47	-1535.09	-1788.90	-74.14	-10.91
	9	-70.56	0.34	-1028.79	-1075.10	-44.56	-3.47
	8	-102.13	1.47	-1535.09	-1788.90	-74.14	-10.91
	9	-70.56	0.34	-1028.79	-1075.10	-44.56	-3.47
	8	-102.13	1.47	-1535.09	-1788.90	-74.14	-10.91
	9	-70.56	0.34	-1028.79	-1075.10	-44.56	-3.47
790	8	-75.08	3.45	-1522.77	-1748.09	-72.48	-7.16
	9	-55.94	1.58	-1021.05	-1063.34	-44.09	-1.86
	8	-75.08	3.45	-1522.77	-1748.09	-72.48	-7.16
	9	-55.94	1.58	-1021.05	-1063.34	-44.09	-1.86
	8	-75.08	3.45	-1522.77	-1748.09	-72.48	-7.16
	9	-55.94	1.58	-1021.05	-1063.34	-44.09	-1.86
799	8	-46.34	5.73	-1514.65	-1722.74	-71.43	-4.07
	9	-40.20	2.97	-1016.66	-1057.87	-43.86	-0.64
	8	-46.34	5.73	-1514.65	-1722.74	-71.43	-4.07
	9	-40.20	2.97	-1016.66	-1057.87	-43.86	-0.64
	8	-46.34	5.73	-1514.65	-1722.74	-71.43	-4.07
	9	-40.20	2.97	-1016.66	-1057.87	-43.86	-0.64
808	8	-14.68	8.51	-1508.45	-1710.49	-70.89	-1.71
	9	-22.27	4.62	-1014.07	-1057.49	-43.83	0.22
	8	-14.68	8.51	-1508.45	-1710.49	-70.89	-1.71
	9	-22.27	4.62	-1014.07	-1057.49	-43.83	0.22
	8	-14.68	8.51	-1508.45	-1710.49	-70.89	-1.71
	9	-22.27	4.62	-1014.07	-1057.49	-43.83	0.22
817	8	21.70	11.99	-1500.89	-1705.62	-70.69	-1.55
	9	-0.63	6.70	-1010.80	-1059.18	-43.90	-0.13
	8	21.70	11.99	-1500.89	-1705.62	-70.69	-1.55
	9	-0.63	6.70	-1010.80	-1059.18	-43.90	-0.13
	8	21.70	11.99	-1500.89	-1705.62	-70.69	-1.55
	9	-0.63	6.70	-1010.80	-1059.18	-43.90	-0.13
826	8	65.12	16.27	-1486.80	-1691.01	-70.11	-7.35
	9	26.62	9.29	-1002.84	-1053.38	-43.67	-3.85
	7	68.72	16.81	-1481.75	-1692.43	-70.17	-6.39
	23	19.44	8.23	-1012.96	-1050.53	-43.56	-5.78
	7	68.72	16.81	-1481.75	-1692.43	-70.17	-6.39
	23	19.44	8.23	-1012.96	-1050.53	-43.56	-5.78
835	8	117.73	20.78	-1458.48	-1623.61	-67.32	-26.72
	9	61.26	12.08	-984.08	-1015.42	-42.10	-15.41
	7	120.52	21.38	-1454.47	-1627.40	-67.47	-26.91
	23	55.69	10.87	-992.09	-1007.85	-41.79	-15.04
	7	120.52	21.38	-1454.47	-1627.40	-67.47	-26.91
	23	55.69	10.87	-992.09	-1007.85	-41.79	-15.04
844	8	179.64	22.54	-1407.40	-1411.37	-58.50	-71.25
	9	103.61	13.31	-947.26	-891.52	-36.95	-41.78
	8	179.64	22.54	-1407.40	-1411.37	-58.50	-71.25
	9	103.61	13.31	-947.26	-891.52	-36.95	-41.78
	8	179.64	22.54	-1407.40	-1411.37	-58.50	-71.25
	9	103.61	13.31	-947.26	-891.52	-36.95	-41.78
853	7	242.22	10.46	-1346.86	-897.85	-37.21	-131.20
	23	148.54	7.07	-884.51	-649.80	-26.93	-60.37
	8	242.36	10.79	-1341.79	-921.48	-38.19	-124.70
	9	148.25	6.41	-894.64	-602.54	-24.97	-73.38

1932	8	242.36	10.79	-1341.79	-921.48	-38.19	-124.70
	9	148.25	6.41	-894.64	-602.54	-24.97	-73.38
	7	-250.40	-270.92	-1722.90	1200.46	-2.924e+04	2313.57
	23	-150.35	-182.41	-1145.22	727.81	-1.773e+04	1406.65
	23	-150.35	-182.41	-1145.22	727.81	-1.773e+04	1406.65
	7	-250.40	-270.92	-1722.90	1200.46	-2.924e+04	2313.57
1941	7	-250.40	-270.92	-1722.90	1200.46	-2.924e+04	2313.57
	23	-150.35	-182.41	-1145.22	727.81	-1.773e+04	1406.65
	7	-261.68	2.00	-1382.18	-1848.43	-76.64	151.37
	23	-171.61	2.27	-903.38	-1263.76	-52.40	100.74
	8	-261.90	2.70	-1379.69	-1920.87	-79.64	156.94
	9	-171.17	0.86	-908.37	-1118.88	-46.39	89.61
	8	-261.90	2.70	-1379.69	-1920.87	-79.64	156.94
	9	-171.17	0.86	-908.37	-1118.88	-46.39	89.61



42_RIS_REAZIONI_007_Comb SLU A1 7



42_RIS_REAZIONI_031_Comb SLErara 31



42_RIS_REAZIONI_037_Comb SLEperm 37

RISULTATI ELEMENTI TIPO TRAVE

LEGENDA RISULTATI ELEMENTI TIPO TRAVE

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

Gli elementi vengono suddivisi in relazione alle proprietà in elementi:

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

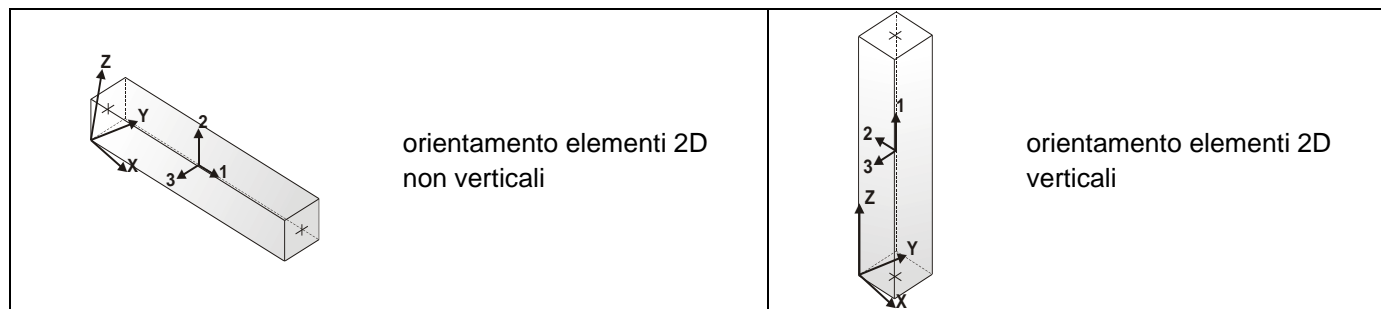
Per ogni elemento e per ogni combinazione (o caso di carico) vengono riportati i risultati più significativi.

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

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

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

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



Pilas.	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
		daN cm	daN cm	cm	daN	cm	daN	daN	daN	daN cm	daN cm	daN cm
5	7	5.827e+05	7.039e+04	-0.02	0.0	0.0	-9629.09	2203.80	-510.75	-3903.85	7.039e+04	-2.547e+05
		-2.547e+05	-1.237e+05	0.02	0.0	190.0	-8517.59	2203.80	-510.75	-3903.85	-2.665e+04	1.640e+05
						380.0	-7406.09	2203.80	-510.75	-3903.85	-1.237e+05	5.827e+05
5	8	5.827e+05	7.037e+04	-0.02	0.0	0.0	-9629.11	2203.86	-510.59	-3908.33	7.037e+04	-2.547e+05
		-2.547e+05	-1.236e+05	0.02	0.0	190.0	-8517.61	2203.86	-510.59	-3908.33	-2.664e+04	1.640e+05
						380.0	-7406.11	2203.86	-510.59	-3908.33	-1.236e+05	5.827e+05
5	9	3.581e+05	4.585e+04	-0.01	0.0	0.0	-6350.87	1354.09	-334.66	-2380.23	4.585e+04	-1.564e+05
		-1.564e+05	-8.132e+04	0.01	0.0	190.0	-5495.87	1354.09	-334.66	-2380.23	-1.773e+04	1.008e+05
						380.0	-4640.87	1354.09	-334.66	-2380.23	-8.132e+04	3.581e+05
5	25	3.711e+05	4.705e+04	-0.01	0.0	0.0	-6502.65	1403.11	-343.03	-2469.92	4.705e+04	-1.621e+05
		-1.621e+05	-8.331e+04	0.01	0.0	190.0	-5647.65	1403.11	-343.03	-2469.92	-1.813e+04	1.045e+05
						380.0	-4792.65	1403.11	-343.03	-2469.92	-8.331e+04	3.711e+05
5	31	4.293e+05	5.241e+04	-0.01	0.0	0.0	-7185.22	1623.60	-380.66	-2872.10	5.241e+04	-1.877e+05
		-1.877e+05	-9.224e+04	0.02	0.0	190.0	-6330.22	1623.60	-380.66	-2872.10	-1.992e+04	1.208e+05
						380.0	-5475.22	1623.60	-380.66	-2872.10	-9.224e+04	4.293e+05
5	32	4.293e+05	5.239e+04	-0.01	0.0	0.0	-7185.24	1623.64	-380.55	-2875.08	5.239e+04	-1.877e+05
		-1.877e+05	-9.222e+04	0.02	0.0	190.0	-6330.24	1623.64	-380.55	-2875.08	-1.991e+04	1.208e+05
						380.0	-5475.24	1623.64	-380.55	-2875.08	-9.222e+04	4.293e+05
5	37	3.711e+05	4.705e+04	-0.01	0.0	0.0	-6502.65	1403.11	-343.03	-2469.92	4.705e+04	-1.621e+05
		-1.621e+05	-8.331e+04	0.01	0.0	190.0	-5647.65	1403.11	-343.03	-2469.92	-1.813e+04	1.045e+05
						380.0	-4792.65	1403.11	-343.03	-2469.92	-8.331e+04	3.711e+05
10	7	9.720e+04	3959.08	-0.04	0.0	0.0	-9826.15	421.12	-34.67	93.72	3959.08	-4.598e+04
		-4.598e+04	-7827.61	3.56e-03	0.0	170.0	-9480.83	421.12	-34.67	93.72	-1934.27	2.561e+04
						340.0	-9135.52	421.12	-34.67	93.72	-7827.61	9.720e+04
10	23	6.082e+04	2062.78	-0.02	0.0	0.0	-6292.54	263.45	-17.87	78.56	2062.78	-2.875e+04
		-2.875e+04	-4013.46	1.88e-03	0.0	170.0	-6026.91	263.45	-17.87	78.56	-975.34	1.603e+04
						340.0	-5761.29	263.45	-17.87	78.56	-4013.46	6.082e+04
10	31	7.184e+04	2842.06	-0.03	0.0	0.0	-7292.82	311.25	-24.83	73.18	2842.06	-3.398e+04
		-3.398e+04	-5601.23	2.56e-03	0.0	170.0	-7027.20	311.25	-24.83	73.18	-1379.59	1.893e+04
						340.0	-6761.57	311.25	-24.83	73.18	-5601.23	7.184e+04
10	35	6.283e+04	2206.91	-0.02	0.0	0.0	-6475.04	272.17	-19.15	77.39	2206.91	-2.971e+04
		-2.971e+04	-4304.16	2.01e-03	0.0	170.0	-6209.41	272.17	-19.15	77.39	-1048.62	1.656e+04
						340.0	-5943.79	272.17	-19.15	77.39	-4304.16	6.283e+04
10	37	6.284e+04	2216.58	-0.02	0.0	0.0	-6475.86	272.22	-19.20	76.53	2216.58	-2.972e+04
		-2.972e+04	-4310.03	2.03e-03	0.0	170.0	-6210.23	272.22	-19.20	76.53	-1046.73	1.656e+04
						340.0	-5944.61	272.22	-19.20	76.53	-4310.03	6.284e+04
12	7	4.970e+04	5650.73	-0.03	0.0	0.0	-3.134e+04	186.07	-44.43	-460.31	5650.73	-2.473e+04
		-2.473e+04	-1.212e+04	6.34e-03	0.0	200.0	-3.094e+04	186.07	-44.43	-460.31	-3235.18	1.249e+04
						400.0	-3.053e+04	186.07	-44.43	-460.31	-1.212e+04	4.970e+04
12	23	2.893e+04	4038.06	-0.02	0.0	0.0	-1.939e+04	108.23	-31.71	-275.32	4038.06	-1.437e+04
		-1.437e+04	-8644.19	4.54e-03	0.0	200.0	-1.908e+04	108.23	-31.71	-275.32	-2303.07	7280.50
						400.0	-1.877e+04	108.23	-31.71	-275.32	-8644.19	2.893e+04
12	31	3.635e+04	4306.69	-0.02	0.0	0.0	-2.312e+04	136.09	-33.81	-338.03	4306.69	-1.808e+04
		-1.808e+04	-9215.47	4.85e-03	0.0	200.0	-2.281e+04	136.09	-33.81	-338.03	-2454.39	9134.83
						400.0	-2.250e+04	136.09	-33.81	-338.03	-9215.47	3.635e+04
12	35	3.034e+04	4104.90	-0.02	0.0	0.0	-2.008e+04	113.53	-32.20	-287.14	4104.90	-1.507e+04
		-1.507e+04	-8773.16	4.63e-03	0.0	200.0	-1.977e+04	113.53	-32.20	-287.14	-2334.13	7632.07
						400.0	-1.945e+04	113.53	-32.20	-287.14	-8773.16	3.034e+04
12	37	3.058e+04	4183.69	-0.02	0.0	0.0	-2.009e+04	114.46	-32.67	-288.76	4183.69	-1.520e+04
		-1.520e+04	-8882.37	4.76e-03	0.0	200.0	-1.978e+04	114.46	-32.67	-288.76	-2349.34	7690.16
						400.0	-1.946e+04	114.46	-32.67	-288.76	-8882.37	3.058e+04
13	7	7618.27	4548.50	0.01	0.0	0.0	-3.027e+04	-52.91	-35.88	-166.75	4548.50	7618.27
		-1.355e+04	-9803.31	5.07e-03	0.0	200.0	-2.986e+04	-52.91	-35.88	-166.75	-2627.41	-2964.13
						400.0	-2.946e+04	-52.91	-35.88	-166.75	-9803.31	-1.355e+04
13	23	4285.54	3039.86	6.14e-03	0.0	0.0	-1.874e+04	-29.71	-24.20	-89.84	3039.86	4285.54
		-7597.09	-6639.26	3.33e-03	0.0	200.0	-1.842e+04	-29.71	-24.20	-89.84	-1799.70	-1655.77
						400.0	-1.811e+04	-29.71	-24.20	-89.84	-6639.26	-7597.09
13	31	5565.74	3455.57	7.94e-03	0.0	0.0	-2.233e+04	-38.65	-27.23	-120.30	3455.57	5565.74
		-9893.90	-7435.37	3.86e-03	0.0	200.0	-2.202e+04	-38.65	-27.23	-120.30	-1989.90	-2164.08
						400.0	-2.170e+04	-38.65	-27.23	-120.30	-7435.37	-9893.90
13	35	4545.19	3153.96	6.50e-03	0.0	0.0	-1.939e+04	-31.52	-25.00	-95.46	3153.96	4545.19
		-8063.81	-6844.92	3.49e-03	0.0	200.0	-1.908e+04	-31.52	-25.00	-95.46	-1845.48	-1759.31
						400.0	-1.877e+04	-31.52	-25.00	-95.46	-6844.92	-8063.81
13	37	4660.83	3322.78	6.66e-03	0.0	0.0	-1.940e+04	-32.34	-26.09	-95.80	3322.78	4660.83
		-8275.62	-7111.25	3.74e-03	0.0	200.0	-1.909e+04	-32.34	-26.09	-95.80	-1894.24	-1807.39
						400.0	-1.878e+04	-32.34	-26.09	-95.80	-7111.25	-8275.62
21	7	2.008e+04	1.888e+04	-6.41e-03	0.0	0.0	-2.294e+04	91.20	-182.10	-72.12	1.888e+04	-9103.75
		-9103.75	-3.939e+04	0.01	0.0	160.0	-2.261e+04	91.20	-182.10	-72.12	-1.025e+04	5487.73
						320.0	-2.229e+04	91.20	-182.10	-72.12	-3.939e+04	2.008e+04
21	8	2.001e+04	1.910e+04	-6.38e-03	0.0	0.0	-2.295e+04	90.86	-184.27	-64.36	1.910e+04	-9067.24
		-9067.24	-3.987e+04	0.01	0.0	160.0	-2.262e+04	90.86	-184.27	-64.36	-1.039e+04	5469.99
						320.0	-2.230e+04	90.86	-184.27	-64.36	-3.987e+04	2.001e+04

21	9	1.214e+04	1.332e+04	-3.85e-03	0.0	0.0	-1.415e+04	55.11	-127.80	-55.38	1.332e+04	-5490.76
		-5490.76	-2.757e+04	0.01	0.0	160.0	-1.390e+04	55.11	-127.80	-55.38	-7124.36	3326.63
					0.0	320.0	-1.365e+04	55.11	-127.80	-55.38	-2.757e+04	1.214e+04
21	25	1.262e+04	1.350e+04	-4.01e-03	0.0	0.0	-1.465e+04	57.29	-129.57	-55.50	1.350e+04	-5710.37
		-5710.37	-2.797e+04	0.01	0.0	160.0	-1.440e+04	57.29	-129.57	-55.50	-7234.58	3456.48
					0.0	320.0	-1.415e+04	57.29	-129.57	-55.50	-2.797e+04	1.262e+04
21	31	1.475e+04	1.427e+04	-4.70e-03	0.0	0.0	-1.691e+04	66.98	-137.49	-55.41	1.427e+04	-6684.14
		-6684.14	-2.973e+04	0.01	0.0	160.0	-1.666e+04	66.98	-137.49	-55.41	-7727.12	4032.79
					0.0	320.0	-1.641e+04	66.98	-137.49	-55.41	-2.973e+04	1.475e+04
21	32	1.470e+04	1.441e+04	-4.68e-03	0.0	0.0	-1.691e+04	66.75	-138.94	-50.23	1.441e+04	-6659.80
		-6659.80	-3.005e+04	0.01	0.0	160.0	-1.666e+04	66.75	-138.94	-50.23	-7816.71	4020.96
					0.0	320.0	-1.641e+04	66.75	-138.94	-50.23	-3.005e+04	1.470e+04
21	37	1.262e+04	1.350e+04	-4.01e-03	0.0	0.0	-1.465e+04	57.29	-129.57	-55.50	1.350e+04	-5710.37
		-5710.37	-2.797e+04	0.01	0.0	160.0	-1.440e+04	57.29	-129.57	-55.50	-7234.58	3456.48
					0.0	320.0	-1.415e+04	57.29	-129.57	-55.50	-2.797e+04	1.262e+04
22	7	1.324e+05	1.827e+04	-0.05	0.0	0.0	-1.818e+04	616.64	-166.33	-1847.26	1.827e+04	-6.496e+04
		-6.496e+04	-3.496e+04	0.02	0.0	160.0	-1.786e+04	616.64	-166.33	-1847.26	-8344.10	3.370e+04
					0.0	320.0	-1.753e+04	616.64	-166.33	-1847.26	-3.496e+04	1.324e+05
22	8	1.316e+05	1.879e+04	-0.05	0.0	0.0	-1.818e+04	613.30	-171.61	-1842.89	1.879e+04	-6.461e+04
		-6.461e+04	-3.612e+04	0.02	0.0	160.0	-1.786e+04	613.30	-171.61	-1842.89	-8664.80	3.352e+04
					0.0	320.0	-1.753e+04	613.30	-171.61	-1842.89	-3.612e+04	1.316e+05
22	9	7.656e+04	1.222e+04	-0.03	0.0	0.0	-1.145e+04	356.60	-111.74	-1080.34	1.222e+04	-3.756e+04
		-3.756e+04	-2.353e+04	0.01	0.0	160.0	-1.120e+04	356.60	-111.74	-1080.34	-5655.45	1.950e+04
					0.0	320.0	-1.095e+04	356.60	-111.74	-1080.34	-2.353e+04	7.656e+04
22	25	8.019e+04	1.249e+04	-0.03	0.0	0.0	-1.182e+04	373.56	-114.08	-1129.40	1.249e+04	-3.934e+04
		-3.934e+04	-2.402e+04	0.01	0.0	160.0	-1.157e+04	373.56	-114.08	-1129.40	-5765.52	2.042e+04
					0.0	320.0	-1.132e+04	373.56	-114.08	-1129.40	-2.402e+04	8.019e+04
22	31	9.651e+04	1.367e+04	-0.04	0.0	0.0	-1.345e+04	449.59	-124.54	-1349.38	1.367e+04	-4.736e+04
		-4.736e+04	-2.618e+04	0.01	0.0	160.0	-1.320e+04	449.59	-124.54	-1349.38	-6258.09	2.457e+04
					0.0	320.0	-1.295e+04	449.59	-124.54	-1349.38	-2.618e+04	9.651e+04
22	32	9.603e+04	1.402e+04	-0.04	0.0	0.0	-1.345e+04	447.37	-128.06	-1346.47	1.402e+04	-4.713e+04
		-4.713e+04	-2.696e+04	0.01	0.0	160.0	-1.320e+04	447.37	-128.06	-1346.47	-6471.89	2.445e+04
					0.0	320.0	-1.295e+04	447.37	-128.06	-1346.47	-2.696e+04	9.603e+04
22	37	8.019e+04	1.249e+04	-0.03	0.0	0.0	-1.182e+04	373.56	-114.08	-1129.40	1.249e+04	-3.934e+04
		-3.934e+04	-2.402e+04	0.01	0.0	160.0	-1.157e+04	373.56	-114.08	-1129.40	-5765.52	2.042e+04
					0.0	320.0	-1.132e+04	373.56	-114.08	-1129.40	-2.402e+04	8.019e+04
24	7	7.739e+04	6.653e+04	0.09	0.0	0.0	-8811.04	-771.19	-711.39	2247.25	6.653e+04	7.739e+04
		-1.540e+05	-1.469e+05	0.07	0.0	150.0	-8571.74	-771.19	-711.39	2247.25	-4.017e+04	-3.829e+04
					0.0	300.0	-8332.43	-771.19	-711.39	2247.25	-1.469e+05	-1.540e+05
24	8	7.914e+04	6.452e+04	0.09	0.0	0.0	-9138.02	-788.85	-691.16	2353.98	6.452e+04	7.914e+04
		-1.575e+05	-1.428e+05	0.07	0.0	150.0	-8898.71	-788.85	-691.16	2353.98	-3.915e+04	-3.919e+04
					0.0	300.0	-8659.41	-788.85	-691.16	2353.98	-1.428e+05	-1.575e+05
24	9	4.929e+04	3.706e+04	0.06	0.0	0.0	-5969.11	-491.31	-397.92	1503.20	3.706e+04	4.929e+04
		-9.811e+04	-8.232e+04	0.04	0.0	150.0	-5785.03	-491.31	-397.92	1503.20	-2.263e+04	-2.441e+04
					0.0	300.0	-5600.95	-491.31	-397.92	1503.20	-8.232e+04	-9.811e+04
24	25	5.076e+04	3.909e+04	0.06	0.0	0.0	-6085.64	-506.00	-419.46	1535.65	3.909e+04	5.076e+04
		-1.010e+05	-8.675e+04	0.04	0.0	150.0	-5901.57	-506.00	-419.46	1535.65	-2.383e+04	-2.514e+04
					0.0	300.0	-5717.49	-506.00	-419.46	1535.65	-8.675e+04	-1.010e+05
24	31	5.738e+04	4.821e+04	0.07	0.0	0.0	-6607.75	-571.80	-515.83	1681.29	4.821e+04	5.738e+04
		-1.142e+05	-1.065e+05	0.05	0.0	150.0	-6423.68	-571.80	-515.83	1681.29	-2.916e+04	-2.839e+04
					0.0	300.0	-6239.60	-571.80	-515.83	1681.29	-1.065e+05	-1.142e+05
24	32	5.854e+04	4.687e+04	0.07	0.0	0.0	-6825.74	-583.57	-502.34	1752.44	4.687e+04	5.854e+04
		-1.165e+05	-1.038e+05	0.05	0.0	150.0	-6641.66	-583.57	-502.34	1752.44	-2.848e+04	-2.899e+04
					0.0	300.0	-6457.58	-583.57	-502.34	1752.44	-1.038e+05	-1.165e+05
24	37	5.076e+04	3.909e+04	0.06	0.0	0.0	-6085.64	-506.00	-419.46	1535.65	3.909e+04	5.076e+04
		-1.010e+05	-8.675e+04	0.04	0.0	150.0	-5901.57	-506.00	-419.46	1535.65	-2.383e+04	-2.514e+04
					0.0	300.0	-5717.49	-506.00	-419.46	1535.65	-8.675e+04	-1.010e+05
25	9	4.484e+04	2.622e+04	-0.02	0.0	0.0	-2944.43	219.19	131.71	-2233.54	-1.329e+04	-2.091e+04
		-2.091e+04	-1.329e+04	-0.02	0.0	150.0	-2760.36	219.19	131.71	-2233.54	6467.42	1.197e+04
					0.0	300.0	-2576.28	219.19	131.71	-2233.54	2.622e+04	4.484e+04
25	21	6.960e+04	4.331e+04	-0.04	0.0	0.0	-4403.08	340.90	217.43	-3349.87	-2.191e+04	-3.267e+04
		-3.267e+04	-2.191e+04	-0.03	0.0	150.0	-4163.78	340.90	217.43	-3349.87	1.070e+04	1.846e+04
					0.0	300.0	-3924.48	340.90	217.43	-3349.87	4.331e+04	6.960e+04
25	22	7.039e+04	4.092e+04	-0.04	0.0	0.0	-4497.57	344.40	205.74	-3450.20	-2.080e+04	-3.293e+04
		-3.293e+04	-2.080e+04	-0.02	0.0	150.0	-4258.27	344.40	205.74	-3450.20	1.006e+04	1.873e+04
					0.0	300.0	-4018.97	344.40	205.74	-3450.20	4.092e+04	7.039e+04
25	25	4.511e+04	2.542e+04	-0.02	0.0	0.0	-2976.01	220.34	127.77	-2267.34	-1.291e+04	-2.100e+04
		-2.100e+04	-1.291e+04	-0.02	0.0	150.0	-2791.94	220.34	127.77	-2267.34	6251.67	1.206e+04
					0.0	300.0	-2607.86	220.34	127.77	-2267.34	2.542e+04	4.511e+04
25	35	5.224e+04	3.280e+04	-0.03	0.0	0.0	-3311.13	255.88	164.62	-2513.03	-1.658e+04	-2.452e+04
		-2.452e+04	-1.658e+04	-0.02	0.0	150.0	-3127.06	255.88	164.62	-2513.03	8110.90	1.386e+04
					0.0	300.0	-2942.98	255.88	164.62	-2513.03	3.280e+04	5.224e+04
25	36	5.277e+04	3.121e+04	-0.03	0.0	0.0	-3374.13	258.21	156.82	-2579.92	-1.584e+04	-2.469e+04
		-2.469e+04	-1.584e+04	-0.02	0.0	150.0	-3190.05	258.21	156.82	-2579.92	7684.30	1.404e+04
					0.0	300.0	-3005.97	258.21	156.82	-2579.92	3.121e+04	5.277e+04
25	37	4.511e+04	2.542e+04	-0.02	0.0	0.0	-2976.01	220.34	127.77	-2267.34	-1.291e+04	-2.100e+04
		-2.100e+04	-1.291e+04	-0.02	0.0	150.0	-2791.94	220.34	127.77	-2267.34	6251.67	1.206e+04

						300.0	-2607.86	220.34	127.77	-2267.34	2.542e+04	4.511e+04
26	8	1.023e+05	3.935e+04	-0.05	0.0	0.0	-1.227e+04	503.12	195.14	-2102.79	-1.919e+04	-4.863e+04
		-4.863e+04	-1.919e+04	-0.02	0.0	150.0	-1.204e+04	503.12	195.14	-2102.79	1.008e+04	2.683e+04
						300.0	-1.180e+04	503.12	195.14	-2102.79	3.935e+04	1.023e+05
26	9	6.292e+04	2.911e+04	-0.03	0.0	0.0	-8288.42	309.58	144.42	-1254.61	-1.421e+04	-2.995e+04
		-2.995e+04	-1.421e+04	-0.02	0.0	150.0	-8104.35	309.58	144.42	-1254.61	7448.01	1.648e+04
						300.0	-7920.27	309.58	144.42	-1254.61	2.911e+04	6.292e+04
26	21	9.206e+04	4.793e+04	-0.05	0.0	0.0	-1.231e+04	453.27	238.22	-1785.50	-2.354e+04	-4.392e+04
		-4.392e+04	-2.354e+04	-0.03	0.0	150.0	-1.207e+04	453.27	238.22	-1785.50	1.219e+04	2.407e+04
						300.0	-1.183e+04	453.27	238.22	-1785.50	4.793e+04	9.206e+04
26	22	9.788e+04	4.659e+04	-0.05	0.0	0.0	-1.259e+04	481.76	231.48	-1934.74	-2.285e+04	-4.665e+04
		-4.665e+04	-2.285e+04	-0.03	0.0	150.0	-1.235e+04	481.76	231.48	-1934.74	1.187e+04	2.561e+04
						300.0	-1.211e+04	481.76	231.48	-1934.74	4.659e+04	9.788e+04
26	25	6.487e+04	2.866e+04	-0.03	0.0	0.0	-8381.02	319.12	142.15	-1304.68	-1.398e+04	-3.087e+04
		-3.087e+04	-1.398e+04	-0.02	0.0	150.0	-8196.94	319.12	142.15	-1304.68	7339.35	1.700e+04
						300.0	-8012.87	319.12	142.15	-1304.68	2.866e+04	6.487e+04
26	32	7.555e+04	3.036e+04	-0.04	0.0	0.0	-9238.88	371.60	150.56	-1542.44	-1.481e+04	-3.593e+04
		-3.593e+04	-1.481e+04	-0.02	0.0	150.0	-9054.80	371.60	150.56	-1542.44	7772.18	1.981e+04
						300.0	-8870.72	371.60	150.56	-1542.44	3.036e+04	7.555e+04
26	35	6.872e+04	3.607e+04	-0.04	0.0	0.0	-9264.54	338.37	179.27	-1330.92	-1.771e+04	-3.279e+04
		-3.279e+04	-1.771e+04	-0.02	0.0	150.0	-9080.46	338.37	179.27	-1330.92	9179.70	1.797e+04
						300.0	-8896.38	338.37	179.27	-1330.92	3.607e+04	6.872e+04
26	36	7.260e+04	3.518e+04	-0.04	0.0	0.0	-9449.14	357.36	174.78	-1430.41	-1.725e+04	-3.461e+04
		-3.461e+04	-1.725e+04	-0.02	0.0	150.0	-9265.06	357.36	174.78	-1430.41	8964.00	1.900e+04
						300.0	-9080.99	357.36	174.78	-1430.41	3.518e+04	7.260e+04
26	37	6.487e+04	2.866e+04	-0.03	0.0	0.0	-8381.02	319.12	142.15	-1304.68	-1.398e+04	-3.087e+04
		-3.087e+04	-1.398e+04	-0.02	0.0	150.0	-8196.94	319.12	142.15	-1304.68	7339.35	1.700e+04
						300.0	-8012.87	319.12	142.15	-1304.68	2.866e+04	6.487e+04
27	8	6.617e+04	2.327e+04	0.07	0.0	0.0	-9452.41	-704.30	124.71	3491.02	-1.164e+04	-1.310e+05
		-1.310e+05	-1.164e+04	-0.01	0.0	140.0	-9229.06	-704.30	124.71	3491.02	5814.73	-3.243e+04
						280.0	-9005.71	-704.30	124.71	3491.02	2.327e+04	-1.310e+05
27	9	4.144e+04	1.994e+04	0.04	0.0	0.0	-6210.70	-441.46	106.55	2231.43	-9890.43	4.144e+04
		-8.217e+04	-9890.43	-0.01	0.0	140.0	-6038.89	-441.46	106.55	2231.43	5026.43	2.036e+04
						280.0	-5867.09	-441.46	106.55	2231.43	1.994e+04	-8.217e+04
27	21	6.049e+04	3.532e+04	0.06	0.0	0.0	-9148.74	-645.14	189.02	3304.04	-1.760e+04	6.049e+04
		-1.201e+05	-1.760e+04	-0.02	0.0	140.0	-8925.39	-645.14	189.02	3304.04	8859.55	-2.983e+04
						280.0	-8702.05	-645.14	189.02	3304.04	3.532e+04	-1.201e+05
27	22	6.389e+04	3.255e+04	0.07	0.0	0.0	-9467.25	-681.01	174.28	3451.00	-1.625e+04	6.389e+04
		-1.268e+05	-1.625e+04	-0.02	0.0	140.0	-9243.90	-681.01	174.28	3451.00	8149.13	-3.145e+04
						280.0	-9020.55	-681.01	174.28	3451.00	3.255e+04	-1.268e+05
27	25	4.258e+04	1.901e+04	0.04	0.0	0.0	-6317.35	-453.48	101.59	2280.74	-9434.72	4.258e+04
		-8.439e+04	-9434.72	-9.59e-03	0.0	140.0	-6145.54	-453.48	101.59	2280.74	4787.29	-2.091e+04
						280.0	-5973.73	-453.48	101.59	2280.74	1.901e+04	-8.439e+04
27	32	4.903e+04	1.867e+04	0.05	0.0	0.0	-7072.82	-521.98	99.99	2598.57	-9325.08	4.903e+04
		-9.712e+04	-9325.08	-9.54e-03	0.0	140.0	-6901.01	-521.98	99.99	2598.57	4674.22	-2.405e+04
						280.0	-6729.21	-521.98	99.99	2598.57	1.867e+04	-9.712e+04
27	35	4.525e+04	2.671e+04	0.05	0.0	0.0	-6870.38	-482.54	142.87	2473.92	-1.330e+04	4.525e+04
		-8.987e+04	-1.330e+04	-0.01	0.0	140.0	-6698.57	-482.54	142.87	2473.92	6704.10	-2.231e+04
						280.0	-6526.76	-482.54	142.87	2473.92	2.671e+04	-8.987e+04
27	36	4.751e+04	2.486e+04	0.05	0.0	0.0	-7082.71	-506.46	133.04	2571.89	-1.240e+04	4.751e+04
		-9.429e+04	-1.240e+04	-0.01	0.0	140.0	-6910.90	-506.46	133.04	2571.89	6230.49	-2.339e+04
						280.0	-6739.10	-506.46	133.04	2571.89	2.486e+04	-9.429e+04
27	37	4.258e+04	1.901e+04	0.04	0.0	0.0	-6317.35	-453.48	101.59	2280.74	-9434.72	4.258e+04
		-8.439e+04	-9434.72	-9.59e-03	0.0	140.0	-6145.54	-453.48	101.59	2280.74	4787.29	-2.091e+04
						280.0	-5973.73	-453.48	101.59	2280.74	1.901e+04	-8.439e+04
28	7	1.063e+04	1.638e+04	0.01	0.0	0.0	-1.032e+04	-99.57	75.25	253.58	-7698.74	1.063e+04
		-2.123e+04	-7698.74	-9.52e-03	0.0	160.0	-1.006e+04	-99.57	75.25	253.58	4341.08	-5297.92
						320.0	-9808.17	-99.57	75.25	253.58	1.638e+04	-2.123e+04
28	8	1.003e+04	1.683e+04	0.01	0.0	0.0	-1.040e+04	-93.77	77.40	242.08	-7939.72	1.003e+04
		-1.998e+04	-7939.72	-9.87e-03	0.0	160.0	-1.015e+04	-93.77	77.40	242.08	4444.34	-4977.72
						320.0	-9891.18	-93.77	77.40	242.08	1.683e+04	-1.998e+04
28	9	5188.46	1.089e+04	6.94e-03	0.0	0.0	-6596.04	-48.40	50.13	133.85	-5147.68	5188.46
		-1.030e+04	-5147.68	-6.41e-03	0.0	160.0	-6399.69	-48.40	50.13	133.85	2873.24	-2555.58
						320.0	-6203.34	-48.40	50.13	133.85	1.089e+04	-1.030e+04
28	25	5619.51	1.114e+04	7.51e-03	0.0	0.0	-6789.54	-52.46	51.24	142.67	-5258.74	5619.51
		-1.117e+04	-5258.74	-6.54e-03	0.0	160.0	-6593.19	-52.46	51.24	142.67	2940.12	-2774.60
						320.0	-6396.84	-52.46	51.24	142.67	1.114e+04	-1.117e+04
28	31	7550.75	1.224e+04	0.01	0.0	0.0	-7655.38	-70.67	56.26	182.19	-5759.61	7550.75
		-1.506e+04	-5759.61	-7.13e-03	0.0	160.0	-7459.03	-70.67	56.26	182.19	3241.48	-3755.88
						320.0	-7262.69	-70.67	56.26	182.19	1.224e+04	-1.506e+04
28	32	7145.60	1.254e+04	9.53e-03	0.0	0.0	-7710.73	-66.80	57.69	174.52	-5920.27	7145.60
		-1.423e+04	-5920.27	-7.36e-03	0.0	160.0	-7514.38	-66.80	57.69	174.52	3310.32	-3542.41
						320.0	-7318.03	-66.80	57.69	174.52	1.254e+04	-1.423e+04
28	37	5619.51	1.114e+04	7.51e-03	0.0	0.0	-6789.54	-52.46	51.24	142.67	-5258.74	5619.51
		-1.117e+04	-5258.74	-6.54e-03	0.0	160.0	-6593.19	-52.46	51.24	142.67	2940.12	-2774.60
						320.0	-6396.84	-52.46	51.24	142.67	1.114e+04	-1.117e+04
29	8	997.34	1.225e+04	-1.64e-03	0.0	0.0	-1.102e+04	5.45	56.09	59.61	-5700.75	-746.26

		-746.26	-5700.75	-6.97e-03	0.0	160.0	-1.076e+04	5.45	56.09	59.61	3273.10	125.54
						320.0	-1.051e+04	5.45	56.09	59.61	1.225e+04	997.34
29	9	3355.85	9158.15	-2.56e-03	0.0	0.0	-7164.59	16.07	42.07	35.07	-4303.03	-1787.74
		-1787.74	-4303.03	-5.32e-03	0.0	160.0	-6968.24	16.07	42.07	35.07	2427.56	784.06
						320.0	-6771.89	16.07	42.07	35.07	9158.15	3355.85
29	21	7769.27	1.411e+04	-5.42e-03	0.0	0.0	-1.017e+04	36.72	65.04	44.03	-6698.67	-3980.54
		-3980.54	-6698.67	-8.38e-03	0.0	160.0	-9912.05	36.72	65.04	44.03	3707.96	1894.37
						320.0	-9656.80	36.72	65.04	44.03	1.411e+04	7769.27
29	23	8241.02	1.159e+04	-5.54e-03	0.0	0.0	-7646.76	38.71	53.53	29.17	-5538.40	-4145.96
		-4145.96	-5538.40	-6.99e-03	0.0	160.0	-7450.41	38.71	53.53	29.17	3026.34	2047.53
						320.0	-7254.06	38.71	53.53	29.17	1.159e+04	8241.02
29	25	2713.03	9060.78	-2.21e-03	0.0	0.0	-7325.96	13.11	41.58	36.96	-4246.23	-1482.64
		-1482.64	-4246.23	-5.23e-03	0.0	160.0	-7129.61	13.11	41.58	36.96	2407.28	615.20
						320.0	-6933.26	13.11	41.58	36.96	9060.78	2713.03
29	32	1455.19	9437.65	-1.57e-03	0.0	0.0	-8212.90	7.36	43.26	43.41	-4404.53	-898.60
		-898.60	-4404.53	-5.40e-03	0.0	160.0	-8016.55	7.36	43.26	43.41	2516.56	278.30
						320.0	-7820.20	7.36	43.26	43.41	9437.65	1455.19
29	35	5969.80	1.068e+04	-4.15e-03	0.0	0.0	-7647.41	28.20	49.23	33.02	-5069.81	-3054.78
		-3054.78	-5069.81	-6.35e-03	0.0	160.0	-7451.07	28.20	49.23	33.02	2806.46	1457.51
						320.0	-7254.72	28.20	49.23	33.02	1.068e+04	5969.80
29	37	2713.03	9060.78	-2.21e-03	0.0	0.0	-7325.96	13.11	41.58	36.96	-4246.23	-1482.64
		-1482.64	-4246.23	-5.23e-03	0.0	160.0	-7129.61	13.11	41.58	36.96	2407.28	615.20
						320.0	-6933.26	13.11	41.58	36.96	9060.78	2713.03
30	8	2.950e+04	3.996e+04	-0.01	0.0	0.0	-4520.28	141.80	-376.47	244.26	3.996e+04	-1.587e+04
		-1.587e+04	-8.051e+04	0.03	0.0	160.0	-4195.28	141.80	-376.47	244.26	-2.028e+04	6816.78
						320.0	-3870.28	141.80	-376.47	244.26	-8.051e+04	2.950e+04
30	9	2.246e+04	2.571e+04	-9.94e-03	0.0	0.0	-3099.03	107.18	-242.22	152.78	2.571e+04	-1.184e+04
		-1.184e+04	-5.180e+04	0.02	0.0	160.0	-2849.03	107.18	-242.22	152.78	-1.304e+04	5306.90
						320.0	-2599.03	107.18	-242.22	152.78	-5.180e+04	2.246e+04
30	21	3.646e+04	3.556e+04	-0.02	0.0	0.0	-4307.76	173.19	-335.29	210.92	3.556e+04	-1.896e+04
		-1.896e+04	-7.173e+04	0.03	0.0	160.0	-3982.76	173.19	-335.29	210.92	-1.808e+04	8747.02
						320.0	-3657.76	173.19	-335.29	210.92	-7.173e+04	3.646e+04
30	25	2.203e+04	2.640e+04	-9.88e-03	0.0	0.0	-3143.59	105.35	-248.72	157.80	2.640e+04	-1.168e+04
		-1.168e+04	-5.319e+04	0.02	0.0	160.0	-2893.59	105.35	-248.72	157.80	-1.339e+04	5179.18
						320.0	-2643.59	105.35	-248.72	157.80	-5.319e+04	2.203e+04
30	32	2.289e+04	2.970e+04	-0.01	0.0	0.0	-3402.96	109.80	-279.80	180.54	2.970e+04	-1.225e+04
		-1.225e+04	-5.984e+04	0.02	0.0	160.0	-3152.96	109.80	-279.80	180.54	-1.507e+04	5320.23
						320.0	-2902.96	109.80	-279.80	180.54	-5.984e+04	2.289e+04
30	35	2.752e+04	2.677e+04	-0.01	0.0	0.0	-3261.28	130.73	-252.36	158.31	2.677e+04	-1.431e+04
		-1.431e+04	-5.399e+04	0.02	0.0	160.0	-3011.28	130.73	-252.36	158.31	-1.361e+04	6607.05
						320.0	-2761.28	130.73	-252.36	158.31	-5.399e+04	2.752e+04
30	37	2.203e+04	2.640e+04	-9.88e-03	0.0	0.0	-3143.59	105.35	-248.72	157.80	2.640e+04	-1.168e+04
		-1.168e+04	-5.319e+04	0.02	0.0	160.0	-2893.59	105.35	-248.72	157.80	-1.339e+04	5179.18
						320.0	-2643.59	105.35	-248.72	157.80	-5.319e+04	2.203e+04
31	7	6.522e+04	5.461e+04	-0.02	0.0	0.0	-7825.73	328.30	-554.82	933.52	5.461e+04	-3.327e+04
		-3.327e+04	-1.118e+05	0.04	0.0	150.0	-7521.05	328.30	-554.82	933.52	-2.861e+04	1.598e+04
						300.0	-7216.36	328.30	-554.82	933.52	-1.118e+05	6.522e+04
31	8	6.246e+04	5.662e+04	-0.02	0.0	0.0	-7953.01	314.42	-575.27	970.29	5.662e+04	-3.186e+04
		-3.186e+04	-1.160e+05	0.04	0.0	150.0	-7648.32	314.42	-575.27	970.29	-2.967e+04	1.530e+04
						300.0	-7343.64	314.42	-575.27	970.29	-1.160e+05	6.246e+04
31	9	3.657e+04	3.762e+04	-0.01	0.0	0.0	-5196.91	184.06	-381.95	637.92	3.762e+04	-1.865e+04
		-1.865e+04	-7.696e+04	0.03	0.0	150.0	-4962.54	184.06	-381.95	637.92	-1.967e+04	8956.87
						300.0	-4728.16	184.06	-381.95	637.92	-7.696e+04	3.657e+04
31	25	3.852e+04	3.825e+04	-0.01	0.0	0.0	-5315.09	193.91	-388.38	649.45	3.825e+04	-1.965e+04
		-1.965e+04	-7.826e+04	0.03	0.0	150.0	-5080.72	193.91	-388.38	649.45	-2.001e+04	9436.32
						300.0	-4846.34	193.91	-388.38	649.45	-7.826e+04	3.852e+04
31	31	4.731e+04	4.109e+04	-0.02	0.0	0.0	-5847.05	238.16	-417.38	701.26	4.109e+04	-2.413e+04
		-2.413e+04	-8.412e+04	0.03	0.0	150.0	-5612.67	238.16	-417.38	701.26	-2.152e+04	1.159e+04
						300.0	-5378.30	238.16	-417.38	701.26	-8.412e+04	4.731e+04
31	32	4.547e+04	4.243e+04	-0.02	0.0	0.0	-5931.90	228.90	-431.01	725.77	4.243e+04	-2.320e+04
		-2.320e+04	-8.687e+04	0.03	0.0	150.0	-5697.53	228.90	-431.01	725.77	-2.222e+04	1.114e+04
						300.0	-5463.15	228.90	-431.01	725.77	-8.687e+04	4.547e+04
31	37	3.852e+04	3.825e+04	-0.01	0.0	0.0	-5315.09	193.91	-388.38	649.45	3.825e+04	-1.965e+04
		-1.965e+04	-7.826e+04	0.03	0.0	150.0	-5080.72	193.91	-388.38	649.45	-2.001e+04	9436.32
						300.0	-4846.34	193.91	-388.38	649.45	-7.826e+04	3.852e+04
48	7	5.640e+04	4.413e+04	-0.02	0.0	0.0	-1.097e+04	258.63	209.83	560.10	-2.406e+04	-2.765e+04
		-2.765e+04	-2.406e+04	-0.02	0.0	162.5	-1.064e+04	258.63	209.83	560.10	1.003e+04	1.439e+04
						325.0	-1.031e+04	258.63	209.83	560.10	4.413e+04	5.640e+04
48	8	5.646e+04	4.420e+04	-0.02	0.0	0.0	-1.097e+04	258.90	210.26	563.37	-2.414e+04	-2.768e+04
		-2.768e+04	-2.414e+04	-0.02	0.0	162.5	-1.064e+04	258.90	210.26	563.37	1.003e+04	1.439e+04
						325.0	-1.031e+04	258.90	210.26	563.37	4.420e+04	5.646e+04
48	23	3.631e+04	3.198e+04	-0.01	0.0	0.0	-7093.61	166.56	151.52	379.46	-1.726e+04	-1.782e+04
		-1.782e+04	-1.726e+04	-0.02	0.0	162.5	-6839.70	166.56	151.52	379.46	7361.51	9246.37
						325.0	-6585.80	166.56	151.52	379.46	3.198e+04	3.631e+04
48	31	4.188e+04	3.351e+04	-0.02	0.0	0.0	-8157.48	192.02	159.15	418.66	-1.822e+04	-2.053e+04
		-2.053e+04	-1.822e+04	-0.02	0.0	162.5	-7903.58	192.02	159.15	418.66	7644.30	1.067e+04
						325.0	-7649.67	192.02	159.15	418.66	3.351e+04	4.188e+04

48	32	4.191e+04	3.355e+04	-0.02	0.0	0.0	-8157.15	192.20	159.44	420.84	-1.827e+04	-2.055e+04
		-2.055e+04	-1.827e+04	-0.02	0.0	162.5	-7903.24	192.20	159.44	420.84	7642.27	1.068e+04
						325.0	-7649.34	192.20	159.44	420.84	3.355e+04	4.191e+04
48	35	3.731e+04	3.224e+04	-0.01	0.0	0.0	-7288.17	171.13	152.79	385.64	-1.741e+04	-1.830e+04
		-1.830e+04	-1.741e+04	-0.02	0.0	162.5	-7034.26	171.13	152.79	385.64	7414.11	9504.59
						325.0	-6780.35	171.13	152.79	385.64	3.224e+04	3.731e+04
48	37	3.724e+04	3.215e+04	-0.01	0.0	0.0	-7288.83	170.77	152.22	381.27	-1.732e+04	-1.826e+04
		-1.826e+04	-1.732e+04	-0.02	0.0	162.5	-7034.93	170.77	152.22	381.27	7418.17	9492.13
						325.0	-6781.02	170.77	152.22	381.27	3.215e+04	3.724e+04
62	7	9.886e+04	2.818e+04	0.06	0.0	0.0	-8803.84	-1082.74	160.31	-1935.76	-1.670e+04	9.886e+04
		-2.043e+05	-1.670e+04	-0.01	0.0	140.0	-8519.46	-1082.74	160.31	-1935.76	5739.95	-5.272e+04
						280.0	-8235.09	-1082.74	160.31	-1935.76	2.818e+04	-2.043e+05
62	8	1.014e+05	2.594e+04	0.06	0.0	0.0	-8983.15	-1110.15	148.51	-1974.44	-1.565e+04	1.014e+05
		-2.095e+05	-1.565e+04	-0.01	0.0	140.0	-8698.77	-1110.15	148.51	-1974.44	5144.71	-5.404e+04
						280.0	-8414.40	-1110.15	148.51	-1974.44	2.594e+04	-2.095e+05
62	9	6.526e+04	1.782e+04	0.04	0.0	0.0	-6019.58	-713.96	101.26	-1252.44	-1.053e+04	6.526e+04
		-1.346e+05	-1.053e+04	-8.02e-03	0.0	140.0	-5800.83	-713.96	101.26	-1252.44	3646.98	-3.469e+04
						280.0	-5582.08	-713.96	101.26	-1252.44	1.782e+04	-1.346e+05
62	25	6.682e+04	1.838e+04	0.04	0.0	0.0	-6127.94	-731.08	104.43	-1286.52	-1.086e+04	6.682e+04
		-1.379e+05	-1.086e+04	-8.28e-03	0.0	140.0	-5909.19	-731.08	104.43	-1286.52	3757.58	-1.053e+04
						280.0	-5690.44	-731.08	104.43	-1286.52	1.838e+04	-1.379e+05
62	31	7.378e+04	2.087e+04	0.04	0.0	0.0	-6614.04	-807.89	118.68	-1439.31	-1.236e+04	7.378e+04
		-1.524e+05	-1.236e+04	-9.45e-03	0.0	140.0	-6395.29	-807.89	118.68	-1439.31	4253.91	-3.932e+04
						280.0	-6176.54	-807.89	118.68	-1439.31	2.087e+04	-1.524e+05
62	32	7.546e+04	1.937e+04	0.04	0.0	0.0	-6733.58	-826.17	110.81	-1465.10	-1.166e+04	7.546e+04
		-1.559e+05	-1.166e+04	-9.08e-03	0.0	140.0	-6514.83	-826.17	110.81	-1465.10	3857.08	-4.020e+04
						280.0	-6296.08	-826.17	110.81	-1465.10	1.937e+04	-1.559e+05
62	37	6.682e+04	1.838e+04	0.04	0.0	0.0	-6127.94	-731.08	104.43	-1286.52	-1.086e+04	6.682e+04
		-1.379e+05	-1.086e+04	-8.28e-03	0.0	140.0	-5909.19	-731.08	104.43	-1286.52	3757.58	-1.053e+04
						280.0	-5690.44	-731.08	104.43	-1286.52	1.838e+04	-1.379e+05
79	7	-1.677e+04	1.123e+04	-9.88e-03	-0.03	0.0	-678.98	-467.05	-92.03	1.285e+04	1.123e+04	-1.677e+04
		-3.718e+04	7201.99	2.65e-03	-0.02	21.9	-634.58	-467.06	-92.04	1.285e+04	9213.87	-2.697e+04
						43.7	-590.18	-467.08	-92.05	1.285e+04	7201.99	-3.718e+04
79	8	-1.678e+04	1.127e+04	-9.88e-03	-0.03	0.0	-678.67	-466.95	-94.15	1.284e+04	1.127e+04	-1.678e+04
		-3.719e+04	7154.64	2.65e-03	-0.02	21.9	-634.27	-466.96	-94.16	1.284e+04	9212.78	-2.698e+04
						43.7	-589.87	-466.98	-94.16	1.284e+04	7154.64	-3.719e+04
79	9	-1.017e+04	6268.95	-6.13e-03	-0.03	0.0	-513.79	-275.26	-6.29	7640.78	6268.95	-1.017e+04
		-2.221e+04	5993.73	1.70e-03	-0.01	21.9	-479.63	-275.27	-6.30	7640.78	6131.42	-1.619e+04
						43.7	-445.48	-275.29	-6.30	7640.78	5993.73	-2.221e+04
79	16	-1.282e+04	8606.23	-7.55e-03	-0.03	0.0	-521.73	-356.55	-70.88	9803.21	8606.23	-1.282e+04
		-2.841e+04	5507.24	2.03e-03	-0.01	21.9	-487.57	-356.56	-70.89	9803.21	7056.82	-2.062e+04
						43.7	-453.42	-356.57	-70.90	9803.21	5507.24	-2.841e+04
79	23	-1.019e+04	6359.31	-6.13e-03	-0.03	0.0	-513.17	-275.06	-10.52	7610.54	6359.31	-1.019e+04
		-2.222e+04	5899.03	1.71e-03	-0.01	21.9	-479.02	-275.07	-10.53	7610.54	6129.25	-1.621e+04
						43.7	-444.86	-275.08	-10.54	7610.54	5899.03	-2.222e+04
79	25	-1.057e+04	6609.74	-6.34e-03	-0.03	0.0	-515.01	-287.36	-15.58	7964.35	6609.74	-1.057e+04
		-2.313e+04	5928.20	1.75e-03	-0.01	21.9	-480.85	-287.37	-15.59	7964.35	6269.05	-1.685e+04
						43.7	-446.70	-287.38	-15.60	7964.35	5928.20	-2.313e+04
79	31	-1.232e+04	8137.80	-7.29e-03	-0.03	0.0	-520.51	-341.61	-57.23	9416.05	8137.80	-1.232e+04
		-2.726e+04	5635.44	1.96e-03	-0.01	21.9	-486.35	-341.63	-57.24	9416.05	6886.70	-1.979e+04
						43.7	-452.20	-341.64	-57.25	9416.05	5635.44	-2.726e+04
79	32	-1.233e+04	8167.92	-7.29e-03	-0.03	0.0	-520.30	-341.55	-58.65	9405.97	8167.92	-1.233e+04
		-2.726e+04	5603.87	1.97e-03	-0.01	21.9	-486.15	-341.56	-58.65	9405.97	6885.98	-1.980e+04
						43.7	-451.99	-341.57	-58.66	9405.97	5603.87	-2.726e+04
79	35	-1.058e+04	6669.98	-6.34e-03	-0.03	0.0	-514.60	-287.22	-18.40	7944.19	6669.98	-1.058e+04
		-2.314e+04	5865.06	1.76e-03	-0.01	21.9	-480.44	-287.23	-18.41	7944.19	6267.60	-1.686e+04
						43.7	-446.29	-287.25	-18.42	7944.19	5865.06	-2.314e+04
79	37	-1.057e+04	6609.74	-6.34e-03	-0.03	0.0	-515.01	-287.36	-15.58	7964.35	6609.74	-1.057e+04
		-2.313e+04	5928.20	1.75e-03	-0.01	21.9	-480.85	-287.37	-15.59	7964.35	6269.05	-1.685e+04
						43.7	-446.70	-287.38	-15.60	7964.35	5928.20	-2.313e+04
80	8	1.428e+04	5291.14	0.02	-0.28	0.0	-924.48	-108.17	24.06	509.17	-3244.65	1.428e+04
		-2.428e+04	-3244.65	-4.10e-03	-0.16	178.0	-562.94	-108.31	23.98	509.17	1030.19	-4985.41
						356.0	-201.41	-108.45	23.90	509.17	5291.14	-2.428e+04
80	15	1.092e+04	4035.06	0.01	-0.21	0.0	-712.77	-82.70	18.34	389.21	-2470.59	1.092e+04
		-1.856e+04	-2470.59	-3.12e-03	-0.12	178.0	-434.67	-82.80	18.28	389.21	787.58	-3812.02
						356.0	-156.56	-82.91	18.22	389.21	4035.06	-1.856e+04
80	21	1.231e+04	4772.15	0.01	-0.28	0.0	-973.40	-93.19	21.65	454.32	-2906.89	1.231e+04
		-2.091e+04	-2906.89	-3.64e-03	-0.16	178.0	-611.87	-93.33	21.57	454.32	939.57	-4288.14
						356.0	-250.33	-93.47	21.49	454.32	4772.15	-2.091e+04
80	31	1.055e+04	3935.17	0.01	-0.21	0.0	-721.75	-79.93	17.87	378.92	-2405.12	1.055e+04
		-1.794e+04	-2405.12	-3.03e-03	-0.12	178.0	-443.64	-80.03	17.81	378.92	770.37	-3683.23
						356.0	-165.54	-80.14	17.75	378.92	3935.17	-1.794e+04
80	32	1.056e+04	3950.22	0.01	-0.21	0.0	-721.78	-79.95	17.95	379.50	-2416.87	1.056e+04
		-1.794e+04	-2416.87	-3.05e-03	-0.12	178.0	-443.67	-80.05	17.89	379.50	772.02	-3683.51
						356.0	-165.57	-80.16	17.83	379.50	3950.22	-1.794e+04
80	35	9242.96	3604.22	0.01	-0.21	0.0	-754.39	-69.96	16.34	342.93	-2191.70	9242.96
		-1.570e+04	-2191.70	-2.74e-03	-0.12	178.0	-476.29	-70.07	16.28	342.93	711.61	-3218.66

80	37	9235.42	3574.13	0.01	-0.21	356.0	-198.19	-70.17	16.22	342.93	3604.22	-1.570e+04
		-1.569e+04	-2168.19	-2.70e-03	-0.12	0.0	-754.33	-69.92	16.19	341.79	-2168.19	9235.42
						178.0	-476.23	-70.02	16.13	341.79	708.31	-3218.11
						356.0	-198.13	-70.13	16.07	341.79	3574.13	-1.569e+04
Pilas.												
		M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3		N	V 2	V 3	T		
		-2.547e+05	-1.469e+05	-0.05	-0.28		-3.134e+04	-1110.15	-711.39	-3908.33		
		5.827e+05	7.039e+04	0.09	0.0		-156.56	2203.86	238.22	1.285e+04		
Trave												
	Cmb	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	Pos.	N	V 2	V 3	T	M 2	M 3
		daN cm	daN cm	cm	daN	cm	daN	daN	daN	daN cm	daN cm	daN cm
1	7	2.298e+04	3868.87	-3.33e-03	-468.72	0.0	807.06	32.97	119.08	4.104e+04	895.64	2.210e+04
		2.105e+04	895.64	-4.83e-04	0.0	11.6	807.06	-201.35	119.08	4.104e+04	2382.26	2.294e+04
						23.2	807.06	-435.75	119.08	4.104e+04	3868.87	2.105e+04
1	15	1.779e+04	2993.70	-2.53e-03	-358.21	0.0	613.58	24.16	90.50	3.147e+04	732.49	1.713e+04
		1.631e+04	732.49	-3.69e-04	0.0	11.6	613.58	-154.92	90.50	3.147e+04	1863.10	1.775e+04
						23.2	613.58	-334.05	90.50	3.147e+04	2993.70	1.631e+04
1	21	3.402e+04	5738.81	-2.32e-03	-397.94	0.0	460.57	-21.84	72.42	4.164e+04	3843.91	3.349e+04
		3.202e+04	3843.91	-3.62e-04	0.0	11.6	460.57	-220.77	72.42	4.164e+04	4791.36	3.391e+04
						23.2	460.57	-419.78	72.42	4.164e+04	5738.81	3.202e+04
1	23	2.884e+04	4863.64	-1.52e-03	-287.43	0.0	267.09	-30.65	43.85	3.207e+04	3680.76	2.851e+04
		2.728e+04	3680.76	-2.47e-04	0.0	11.6	267.09	-174.34	43.85	3.207e+04	4272.20	2.873e+04
						23.2	267.09	-318.08	43.85	3.207e+04	4863.64	2.728e+04
1	31	1.847e+04	3100.16	-2.38e-03	-345.17	0.0	572.89	16.96	84.17	3.089e+04	988.76	1.786e+04
		1.698e+04	988.76	-3.51e-04	0.0	11.6	572.89	-155.59	84.17	3.089e+04	2044.46	1.842e+04
						23.2	572.89	-328.21	84.17	3.089e+04	3100.16	1.698e+04
1	35	2.583e+04	4346.78	-1.70e-03	-297.99	0.0	341.90	-19.57	53.07	3.129e+04	2954.28	2.546e+04
		2.429e+04	2954.28	-2.70e-04	0.0	11.6	341.90	-168.54	53.07	3.129e+04	3650.53	2.574e+04
						23.2	341.90	-317.56	53.07	3.129e+04	4346.78	2.429e+04
1	37	2.091e+04	3482.71	-1.80e-03	-297.99	0.0	425.75	-8.91	61.34	2.881e+04	1911.65	2.052e+04
		1.938e+04	1911.65	-2.86e-04	0.0	11.6	425.75	-157.88	61.34	2.881e+04	2697.18	2.081e+04
						23.2	425.75	-306.90	61.34	2.881e+04	3482.71	1.938e+04
2	7	2.287e+04	4453.12	-2.79e-03	-469.04	0.0	1065.56	-367.40	11.32	4.245e+04	3977.24	2.287e+04
		1.251e+04	3977.24	-4.53e-04	0.0	11.6	1065.56	-601.88	11.32	4.245e+04	4215.18	1.905e+04
						23.2	1065.56	-836.44	11.32	4.245e+04	4453.12	1.251e+04
2	15	1.770e+04	3427.26	-2.12e-03	-358.45	0.0	810.75	-282.25	8.07	3.253e+04	3076.76	1.770e+04
		9754.99	3076.76	-3.45e-04	0.0	11.6	810.75	-461.45	8.07	3.253e+04	3252.01	1.476e+04
						23.2	810.75	-640.70	8.07	3.253e+04	3427.26	9754.99
2	21	3.383e+04	5846.69	-1.53e-03	-398.20	0.0	651.84	-391.26	-26.20	4.182e+04	5846.69	3.383e+04
		2.367e+04	5449.27	-3.25e-04	0.0	11.6	651.84	-590.32	-26.20	4.182e+04	5647.98	2.990e+04
						23.2	651.84	-789.46	-26.20	4.182e+04	5449.27	2.367e+04
2	23	2.866e+04	4946.22	-8.58e-04	-287.61	0.0	397.03	-306.11	-29.46	3.190e+04	4946.22	2.866e+04
		2.092e+04	4423.41	-2.17e-04	0.0	11.6	397.03	-449.89	-29.46	3.190e+04	4684.82	2.562e+04
						23.2	397.03	-593.72	-29.46	3.190e+04	4423.41	2.092e+04
2	31	1.834e+04	3440.57	-1.94e-03	-345.41	0.0	760.59	-280.72	4.28	3.184e+04	3181.49	1.834e+04
		1.052e+04	3181.49	-3.27e-04	0.0	11.6	760.59	-453.39	4.28	3.184e+04	3311.03	1.543e+04
						23.2	760.59	-626.13	4.28	3.184e+04	3440.57	1.052e+04
2	35	2.565e+04	4427.79	-1.10e-03	-298.18	0.0	484.77	-296.62	-20.74	3.141e+04	4427.79	2.565e+04
		1.796e+04	4104.66	-2.42e-04	0.0	11.6	484.77	-445.69	-20.74	3.141e+04	4266.23	2.267e+04
						23.2	484.77	-594.80	-20.74	3.141e+04	4104.66	1.796e+04
2	37	2.064e+04	3557.79	-1.32e-03	-298.18	0.0	579.22	-275.01	-9.37	2.932e+04	3557.79	2.064e+04
		1.328e+04	3487.59	-2.62e-04	0.0	11.6	579.22	-424.08	-9.37	2.932e+04	3522.69	1.782e+04
						23.2	579.22	-573.19	-9.37	2.932e+04	3487.59	1.328e+04
3	7	1.390e+05	-1803.63	3.07e-03	-600.90	0.0	-153.06	303.38	3.37	-2373.47	-1946.08	1.361e+05
		1.356e+05	-1946.08	-3.57e-04	0.0	21.2	-153.06	-8.03	3.37	-2373.47	-1474.85	1.390e+05
						42.3	-153.06	-297.52	3.37	-2373.47	-1803.63	1.356e+05
3	8	1.424e+05	-1848.49	3.10e-03	-600.90	0.0	-151.28	310.03	3.79	-2953.04	-2009.01	1.394e+05
		1.392e+05	-2009.01	-3.56e-04	0.0	21.2	-151.28	-1.38	3.79	-2953.04	-1928.75	1.424e+05
						42.3	-151.28	-290.87	3.79	-2953.04	-1848.49	1.392e+05
3	9	9.337e+04	-1187.83	1.89e-03	-380.82	0.0	-91.21	215.01	2.68	-3078.07	-1300.99	9.110e+04
		9.110e+04	-1300.99	-2.21e-04	0.0	21.2	-91.21	18.43	2.68	-3078.07	-1244.41	9.337e+04
						42.3	-91.21	-165.80	2.68	-3078.07	-1187.83	9.160e+04
3	23	1.002e+05	-1277.54	1.95e-03	-380.82	0.0	-87.65	228.31	3.53	-4237.21	-1426.86	9.773e+04
		9.773e+04	-1426.86	-2.20e-04	0.0	21.2	-87.65	31.73	3.53	-4237.21	-1352.20	1.002e+05
						42.3	-87.65	-152.50	3.53	-4237.21	-1277.54	9.864e+04
3	25	9.532e+04	-1216.48	1.95e-03	-392.51	0.0	-95.03	217.65	2.66	-2897.64	-1329.10	9.305e+04
		9.305e+04	-1329.10	-2.29e-04	0.0	21.2	-95.03	14.89	2.66	-2897.64	-1272.79	9.532e+04
						42.3	-95.03	-174.86	2.66	-2897.64	-1216.48	9.343e+04
3	31	1.041e+05	-1345.52	2.26e-03	-445.14	0.0	-112.17	229.51	2.61	-2088.95	-1455.86	1.018e+05
		1.017e+05	-1455.86	-2.63e-04	0.0	21.2	-112.17	-1.01	2.61	-2088.95	-1400.69	1.041e+05
						42.3	-112.17	-215.62	2.61	-2088.95	-1345.52	1.017e+05
3	32	1.064e+05	-1375.42	2.28e-03	-445.14	0.0	-110.98	233.95	2.89	-2475.33	-1497.81	1.040e+05
		1.040e+05	-1497.81	-2.63e-04	0.0	21.2	-110.98	3.42	2.89	-2475.33	-1436.62	1.064e+05
						42.3	-110.98	-211.19	2.89	-2475.33	-1375.42	1.040e+05
3	35	9.987e+04	-1276.29	2.00e-03	-392.51	0.0	-92.66	226.51	3.23	-3670.40	-1413.01	9.747e+04

		9.747e+04	-1413.01	-2.28e-04	0.0	21.2	-92.66	23.76	3.23	-3670.40	-1344.65	9.987e+04
						42.3	-92.66	-166.00	3.23	-3670.40	-1276.29	9.812e+04
3	37	9.532e+04	-1216.48	1.95e-03	-392.51	0.0	-95.03	217.65	2.66	-2897.64	-1329.10	9.305e+04
		9.305e+04	-1329.10	-2.29e-04	0.0	21.2	-95.03	14.89	2.66	-2897.64	-1272.79	9.532e+04
						42.3	-95.03	-174.86	2.66	-2897.64	-1216.48	9.343e+04
4	7	1.428e+04	4558.68	-2.44e-03	-469.36	0.0	1318.09	-819.32	-54.34	4.204e+04	4558.68	1.428e+04
		-6724.62	3503.33	-4.26e-04	0.0	11.6	1318.09	-1053.96	-54.34	4.204e+04	4031.00	5135.90
						23.2	1318.09	-1288.68	-54.34	4.204e+04	3503.33	-6724.62
4	9	1.507e+04	3568.15	-8.24e-04	-287.79	0.0	682.74	-566.10	-50.66	2.796e+04	3568.15	1.507e+04
		878.12	2528.90	-2.28e-04	0.0	11.6	682.74	-709.98	-50.66	2.796e+04	3048.53	8809.64
						23.2	682.74	-853.90	-50.66	2.796e+04	2528.90	878.12
4	21	2.538e+04	5551.14	-9.32e-04	-398.46	0.0	840.86	-807.84	-79.98	4.028e+04	5551.14	2.538e+04
		5289.90	3891.72	-2.96e-04	0.0	11.6	840.86	-1007.04	-79.98	4.028e+04	4721.43	1.649e+04
						23.2	840.86	-1206.30	-79.98	4.028e+04	3891.72	5289.90
4	23	2.221e+04	4500.59	-3.37e-04	-287.79	0.0	526.18	-616.63	-67.70	3.044e+04	4500.59	2.221e+04
		7033.45	3077.98	-1.94e-04	0.0	11.6	526.18	-760.51	-67.70	3.044e+04	3789.28	1.546e+04
						23.2	526.18	-904.43	-67.70	3.044e+04	3077.98	7033.45
4	25	1.449e+04	3559.50	-9.75e-04	-298.37	0.0	730.51	-575.40	-49.39	2.859e+04	3559.50	1.449e+04
		5.51	2552.84	-2.42e-04	0.0	11.6	730.51	-724.56	-49.39	2.859e+04	3056.17	8109.58
						23.2	730.51	-873.77	-49.39	2.859e+04	2552.84	5.51
4	31	1.184e+04	3519.48	-1.65e-03	-345.64	0.0	944.29	-616.74	-43.66	3.142e+04	3519.48	1.184e+04
		-3900.61	2659.97	-3.07e-04	0.0	11.6	944.29	-789.53	-43.66	3.142e+04	3089.73	4971.92
						23.2	944.29	-962.38	-43.66	3.142e+04	2659.97	-3900.61
4	35	1.924e+04	4181.13	-6.50e-04	-298.37	0.0	626.13	-609.08	-60.75	3.025e+04	4181.13	1.924e+04
		4109.07	2918.90	-2.20e-04	0.0	11.6	626.13	-758.25	-60.75	3.025e+04	3550.01	1.254e+04
						23.2	626.13	-907.45	-60.75	3.025e+04	2918.90	4109.07
4	37	1.449e+04	3559.50	-9.75e-04	-298.37	0.0	730.51	-575.40	-49.39	2.859e+04	3559.50	1.449e+04
		5.51	2552.84	-2.42e-04	0.0	11.6	730.51	-724.56	-49.39	2.859e+04	3056.17	8109.58
						23.2	730.51	-873.77	-49.39	2.859e+04	2552.84	5.51
6	7	9865.04	5.194e+04	8.52e-03	-276.26	0.0	-2010.78	-570.78	216.26	6.321e+04	4.284e+04	9865.04
		-2.960e+04	4.284e+04	8.60e-04	0.0	21.0	-2019.01	-708.77	216.26	6.321e+04	4.739e+04	-8415.58
						42.0	-2027.25	-847.04	216.26	6.321e+04	5.194e+04	-2.960e+04
6	8	7597.92	5.131e+04	9.23e-03	-276.26	0.0	-2011.25	-659.32	223.86	6.871e+04	4.189e+04	7597.92
		-3.633e+04	4.189e+04	8.48e-04	0.0	21.0	-2019.48	-797.32	223.86	6.871e+04	4.660e+04	-1.292e+04
						42.0	-2027.73	-935.58	223.86	6.871e+04	5.131e+04	-3.633e+04
6	9	4686.59	2.973e+04	6.18e-03	-211.73	0.0	-1150.34	-443.57	127.78	4.658e+04	2.436e+04	4686.59
		-2.537e+04	2.436e+04	5.04e-04	0.0	21.0	-1156.65	-549.36	127.78	4.658e+04	2.704e+04	-9228.81
						42.0	-1162.97	-655.30	127.78	4.658e+04	2.973e+04	-2.537e+04
6	21	2518.24	4.077e+04	9.57e-03	-275.50	0.0	-1627.77	-752.26	194.06	7.222e+04	3.260e+04	2518.24
		-4.558e+04	3.260e+04	6.84e-04	0.0	21.0	-1635.98	-889.91	194.06	7.222e+04	3.669e+04	-2.009e+04
						42.0	-1644.20	-1027.77	194.06	7.222e+04	4.077e+04	-4.558e+04
6	23	152.35	2.846e+04	7.59e-03	-211.73	0.0	-1151.29	-620.66	142.99	5.758e+04	2.244e+04	152.35
		-3.883e+04	2.244e+04	4.81e-04	0.0	21.0	-1157.60	-726.45	142.99	5.758e+04	2.545e+04	-1.823e+04
						42.0	-1163.92	-832.39	142.99	5.758e+04	2.846e+04	-3.883e+04
6	25	5103.95	3.121e+04	6.24e-03	-211.84	0.0	-1207.46	-442.93	133.31	4.687e+04	2.560e+04	5103.95
		-2.499e+04	2.560e+04	5.27e-04	0.0	21.0	-1213.77	-548.77	133.31	4.687e+04	2.840e+04	-8832.63
						42.0	-1220.10	-654.77	133.31	4.687e+04	3.121e+04	-2.499e+04
6	31	6978.99	3.781e+04	6.48e-03	-212.34	0.0	-1463.43	-440.00	158.26	4.819e+04	3.115e+04	6978.99
		-2.331e+04	3.115e+04	6.28e-04	0.0	21.0	-1469.76	-546.08	158.26	4.819e+04	3.448e+04	-7052.19
						42.0	-1476.10	-652.35	158.26	4.819e+04	3.781e+04	-2.331e+04
6	32	5467.57	3.738e+04	6.95e-03	-212.34	0.0	-1463.75	-499.03	163.33	5.186e+04	3.051e+04	5467.57
		-2.780e+04	3.051e+04	6.20e-04	0.0	21.0	-1470.08	-605.11	163.33	5.186e+04	3.395e+04	-1.005e+04
						42.0	-1476.41	-711.38	163.33	5.186e+04	3.738e+04	-2.780e+04
6	35	2081.12	3.036e+04	7.18e-03	-211.84	0.0	-1208.09	-560.99	143.45	5.420e+04	2.432e+04	2081.12
		-3.397e+04	2.432e+04	5.11e-04	0.0	21.0	-1214.41	-666.83	143.45	5.420e+04	2.734e+04	-1.483e+04
						42.0	-1220.73	-772.83	143.45	5.420e+04	3.036e+04	-3.397e+04
6	37	5103.95	3.121e+04	6.24e-03	-211.84	0.0	-1207.46	-442.93	133.31	4.687e+04	2.560e+04	5103.95
		-2.499e+04	2.560e+04	5.27e-04	0.0	21.0	-1213.77	-548.77	133.31	4.687e+04	2.840e+04	-8832.63
						42.0	-1220.10	-654.77	133.31	4.687e+04	3.121e+04	-2.499e+04
7	1	9399.64	2844.69	-7.61e-03	-655.16	0.0	-406.53	272.20	33.34	-1.183e+04	-8437.34	-9679.02
		-2.842e+04	-8437.34	4.77e-03	0.0	169.2	-367.53	-55.38	33.34	-1.183e+04	-2796.32	8661.54
						338.4	-328.53	-382.96	33.34	-1.183e+04	2844.69	-2.842e+04
7	8	9076.84	3348.08	-6.83e-03	-655.16	0.0	-470.60	263.01	39.16	-1.378e+04	-9902.45	-8707.81
		-3.055e+04	-9902.45	5.60e-03	0.0	169.2	-431.60	-64.57	39.16	-1.378e+04	-3277.19	8077.81
						338.4	-392.60	-392.15	39.16	-1.378e+04	3348.08	-3.055e+04
7	9	7329.08	2056.69	-6.05e-03	-503.97	0.0	-297.22	211.71	24.12	-8587.21	-6105.62	-7691.04
		-2.132e+04	-6105.62	3.45e-03	0.0	169.2	-267.22	-40.27	24.12	-8587.21	-2024.46	6810.48
						338.4	-237.22	-292.26	24.12	-8587.21	2056.69	-2.132e+04
7	25	7273.36	2131.04	-5.94e-03	-503.97	0.0	-305.98	210.40	24.99	-8877.54	-6323.02	-7552.20
		-2.162e+04	-6323.02	3.57e-03	0.0	169.2	-275.98	-41.59	24.99	-8877.54	-2095.99	6726.97
						338.4	-245.98	-293.57	24.99	-8877.54	2131.04	-2.162e+04
7	32	7023.67	2466.63	-5.41e-03	-503.97	0.0	-348.69	204.27	28.86	-1.018e+04	-7299.77	-6904.73
		-2.305e+04	-7299.77	4.13e-03	0.0	169.2	-318.69	-47.71	28.86	-1.018e+04	-2416.57	6337.81
						338.4	-288.69	-299.70	28.86	-1.018e+04	2466.63	-2.305e+04
7	37	7273.36	2131.04	-5.94e-03	-503.97	0.0	-305.98	210.40	24.99	-8877.54	-6323.02	-7552.20
		-2.162e+04	-6323.02	3.57e-03	0.0	169.2	-275.98	-41.59	24.99	-8877.54	-2095.99	6726.97
						338.4	-245.98	-293.57	24.99	-8877.54	2131.04	-2.162e+04

8	7	1.162e+05	-1747.64	0.02	-425.49	0.0	-127.01	-627.70	-5.73	1498.72	-1747.64	1.162e+05
		8.013e+04	-1989.83	-4.01e-04	0.0	21.2	-127.01	-851.41	-5.73	1498.72	-1868.73	1.004e+05
						42.3	-127.01	-1053.19	-5.73	1498.72	-1989.83	8.013e+04
8	8	1.193e+05	-1776.62	0.02	-425.49	0.0	-122.36	-640.82	-5.49	261.07	-1776.62	1.193e+05
		8.252e+04	-2008.76	-4.02e-04	0.0	21.2	-122.36	-864.53	-5.49	261.07	-1892.69	1.032e+05
						42.3	-122.36	-1066.31	-5.49	261.07	-2008.76	8.252e+04
8	9	7.899e+04	-1132.70	0.01	-282.07	0.0	-71.02	-404.93	-3.37	-1501.15	-1132.70	7.899e+04
		5.525e+04	-1275.29	-2.51e-04	0.0	21.2	-71.02	-552.14	-3.37	-1501.15	-1204.00	6.861e+04
						42.3	-71.02	-687.00	-3.37	-1501.15	-1275.29	5.525e+04
8	23	8.522e+04	-1190.66	0.02	-282.07	0.0	-61.72	-431.18	-2.90	-3976.46	-1190.66	8.522e+04
		6.002e+04	-1313.16	-2.52e-04	0.0	21.2	-61.72	-578.38	-2.90	-3976.46	-1251.91	7.411e+04
						42.3	-61.72	-713.25	-2.90	-3976.46	-1313.16	6.002e+04
8	25	8.048e+04	-1163.11	0.02	-288.56	0.0	-74.86	-416.13	-3.52	-1119.35	-1163.11	8.048e+04
		5.617e+04	-1311.99	-2.59e-04	0.0	21.2	-74.86	-566.90	-3.52	-1119.35	-1237.55	6.985e+04
						42.3	-74.86	-704.69	-3.52	-1119.35	-1311.99	5.617e+04
8	31	8.719e+04	-1299.90	0.02	-317.80	0.0	-92.09	-466.49	-4.19	595.37	-1299.90	8.719e+04
		6.030e+04	-1477.01	-2.97e-04	0.0	21.2	-92.09	-633.35	-4.19	595.37	-1388.46	7.543e+04
						42.3	-92.09	-784.29	-4.19	595.37	-1477.01	6.030e+04
8	32	8.927e+04	-1319.22	0.02	-317.80	0.0	-88.99	-475.24	-4.03	-229.73	-1319.22	8.927e+04
		6.189e+04	-1489.64	-2.97e-04	0.0	21.2	-88.99	-642.09	-4.03	-229.73	-1404.43	7.726e+04
						42.3	-88.99	-793.04	-4.03	-229.73	-1489.64	6.189e+04
8	35	8.464e+04	-1201.75	0.02	-288.56	0.0	-68.66	-433.62	-3.20	-2769.56	-1201.75	8.464e+04
		5.935e+04	-1337.24	-2.60e-04	0.0	21.2	-68.66	-584.40	-3.20	-2769.56	-1269.49	7.352e+04
						42.3	-68.66	-722.19	-3.20	-2769.56	-1337.24	5.935e+04
8	37	8.048e+04	-1163.11	0.02	-288.56	0.0	-74.86	-416.13	-3.52	-1119.35	-1163.11	8.048e+04
		5.617e+04	-1311.99	-2.59e-04	0.0	21.2	-74.86	-566.90	-3.52	-1119.35	-1237.55	6.985e+04
						42.3	-74.86	-704.69	-3.52	-1119.35	-1311.99	5.617e+04
9	7	2.718e+04	-1582.03	0.03	-250.08	0.0	-115.36	-1886.60	27.62	-2.538e+04	-2750.45	2.718e+04
		-6.181e+04	-2750.45	-4.70e-04	0.0	21.2	-115.36	-2022.60	27.62	-2.538e+04	-2166.24	-1.599e+04
						42.3	-115.36	-2136.68	27.62	-2.538e+04	-1582.03	-6.181e+04
9	8	2.811e+04	-1559.82	0.03	-250.08	0.0	-108.31	-1939.60	28.40	-2.884e+04	-2760.99	2.811e+04
		-6.349e+04	-2760.99	-4.71e-04	0.0	21.2	-108.31	-2075.60	28.40	-2.884e+04	-2160.40	-1.637e+04
						42.3	-108.31	-2189.68	28.40	-2.884e+04	-1559.82	-6.349e+04
9	22	2.816e+04	-1403.78	0.03	-245.20	0.0	-86.01	-1902.76	27.67	-3.361e+04	-2574.12	2.816e+04
		-6.219e+04	-2574.12	-4.36e-04	0.0	21.2	-86.01	-2035.11	27.67	-3.361e+04	-1988.95	-1.572e+04
						42.3	-86.01	-2147.97	27.67	-3.361e+04	-1403.78	-6.219e+04
9	23	2.113e+04	-924.65	0.02	-183.32	0.0	-46.45	-1390.45	20.00	-2.887e+04	-1770.74	2.113e+04
		-4.536e+04	-1770.74	-2.97e-04	0.0	21.2	-46.45	-1488.28	20.00	-2.887e+04	-1347.69	-1.115e+04
						42.3	-46.45	-1573.77	20.00	-2.887e+04	-924.65	-4.536e+04
9	31	2.057e+04	-1164.87	0.02	-190.47	0.0	-82.81	-1416.22	20.66	-2.003e+04	-2038.84	2.057e+04
		-4.638e+04	-2038.84	-3.48e-04	0.0	21.2	-82.81	-1519.41	20.66	-2.003e+04	-1601.85	-1.190e+04
						42.3	-82.81	-1606.68	20.66	-2.003e+04	-1164.87	-4.638e+04
9	32	2.118e+04	-1150.06	0.02	-190.47	0.0	-78.11	-1451.55	21.18	-2.234e+04	-2045.87	2.118e+04
		-4.750e+04	-2045.87	-3.48e-04	0.0	21.2	-78.11	-1554.74	21.18	-2.234e+04	-1597.96	-1.215e+04
						42.3	-78.11	-1642.02	21.18	-2.234e+04	-1150.06	-4.750e+04
9	35	2.075e+04	-975.14	0.02	-184.62	0.0	-55.21	-1379.07	19.89	-2.621e+04	-1816.35	2.075e+04
		-4.503e+04	-1816.35	-3.06e-04	0.0	21.2	-55.21	-1477.88	19.89	-2.621e+04	-1395.75	-1.117e+04
						42.3	-55.21	-1563.69	19.89	-2.621e+04	-975.14	-4.503e+04
9	36	2.122e+04	-1046.03	0.02	-187.22	0.0	-63.25	-1426.99	20.69	-2.552e+04	-1921.29	2.122e+04
		-4.663e+04	-1921.29	-3.25e-04	0.0	21.2	-63.25	-1527.75	20.69	-2.552e+04	-1483.66	-1.172e+04
						42.3	-63.25	-1614.21	20.69	-2.552e+04	-1046.03	-4.663e+04
9	37	1.951e+04	-1004.77	0.02	-184.62	0.0	-64.61	-1308.41	18.85	-2.160e+04	-1802.29	1.951e+04
		-4.279e+04	-1802.29	-3.05e-04	0.0	21.2	-64.61	-1407.21	18.85	-2.160e+04	-1403.53	-1.066e+04
						42.3	-64.61	-1493.03	18.85	-2.160e+04	-1004.77	-4.279e+04
11	7	-3.456e+04	5.873e+04	6.72e-03	-277.34	0.0	-2195.32	-921.76	161.04	7.692e+04	5.195e+04	-3.456e+04
		-8.973e+04	5.195e+04	1.15e-03	0.0	21.0	-2203.58	-1060.30	161.04	7.692e+04	5.534e+04	-6.069e+04
						42.0	-2211.86	-1199.10	161.04	7.692e+04	5.873e+04	-8.973e+04
11	8	-4.167e+04	5.845e+04	7.03e-03	-277.34	0.0	-2204.39	-1026.27	169.32	8.300e+04	5.132e+04	-4.167e+04
		-1.021e+05	5.132e+04	1.14e-03	0.0	21.0	-2212.65	-1164.81	169.32	8.300e+04	5.488e+04	-7.041e+04
						42.0	-2220.93	-1303.61	169.32	8.300e+04	5.845e+04	-1.021e+05
11	9	-2.894e+04	3.381e+04	4.65e-03	-212.34	0.0	-1262.88	-713.90	96.56	5.531e+04	2.974e+04	-2.894e+04
		-7.103e+04	2.974e+04	6.72e-04	0.0	21.0	-1269.21	-819.99	96.56	5.531e+04	3.178e+04	-4.887e+04
						42.0	-1275.54	-926.24	96.56	5.531e+04	3.381e+04	-7.103e+04
11	15	-2.665e+04	4.483e+04	5.15e-03	-213.31	0.0	-1675.39	-709.18	123.07	5.906e+04	3.964e+04	-2.665e+04
		-6.908e+04	3.964e+04	8.81e-04	0.0	21.0	-1681.74	-815.73	123.07	5.906e+04	4.223e+04	-4.675e+04
						42.0	-1688.11	-922.49	123.07	5.906e+04	4.483e+04	-6.908e+04
11	21	-5.108e+04	4.715e+04	6.85e-03	-276.37	0.0	-1800.95	-1135.50	151.07	8.534e+04	4.078e+04	-5.108e+04
		-1.163e+05	4.078e+04	9.15e-04	0.0	21.0	-1809.18	-1273.58	151.07	8.534e+04	4.396e+04	-8.225e+04
						42.0	-1817.43	-1411.87	151.07	8.534e+04	4.715e+04	-1.163e+05
11	23	-4.318e+04	3.324e+04	5.29e-03	-212.34	0.0	-1281.02	-922.92	113.10	6.747e+04	2.847e+04	-4.318e+04
		-9.568e+04	2.847e+04	6.42e-04	0.0	21.0	-1287.34	-1029.01	113.10	6.747e+04	3.085e+04	-6.831e+04
						42.0	-1293.68	-1135.26	113.10	6.747e+04	3.324e+04	-9.568e+04
11	25	-2.860e+04	3.545e+04	4.73e-03	-212.48	0.0	-1324.21	-713.21	100.47	5.587e+04	3.121e+04	-2.860e+04
		-7.074e+04	3.121e+04	7.04e-04	0.0	21.0	-1330.54	-819.37	100.47	5.587e+04	3.333e+04	-4.856e+04
						42.0	-1336.88	-925.69	100.47	5.587e+04	3.545e+04	-7.074e+04
11	31	-2.708e+04	4.279e+04	5.06e-03	-213.13	0.0	-1599.22	-710.06	118.15	5.836e+04	3.781e+04	-2.708e+04
		-6.944e+04	3.781e+04	8.43e-04	0.0	21.0	-1605.57	-816.53	118.15	5.836e+04	4.030e+04	-4.714e+04

11	32	-3.182e+04	4.260e+04	5.27e-03	-213.13	42.0	-1611.93	-923.19	118.15	5.836e+04	4.279e+04	-6.944e+04
		-7.766e+04	3.739e+04	8.32e-04	0.0	0.0	-1605.27	-779.74	123.66	6.242e+04	3.739e+04	-3.182e+04
11	35	-3.809e+04	3.507e+04	5.15e-03	-212.48	21.0	-1611.61	-886.20	123.66	6.242e+04	4.000e+04	-5.362e+04
		-8.718e+04	3.037e+04	6.83e-04	0.0	42.0	-1617.98	-992.87	123.66	6.242e+04	4.260e+04	-7.766e+04
11	37	-2.860e+04	3.545e+04	4.73e-03	-212.48	0.0	-1336.31	-852.56	111.50	6.397e+04	3.037e+04	-3.809e+04
		-7.074e+04	3.121e+04	7.04e-04	0.0	21.0	-1342.64	-958.72	111.50	6.397e+04	3.272e+04	-6.152e+04
14	7	-9.516e+04	6.318e+04	1.84e-03	-278.42	42.0	-1348.98	-1065.04	111.50	6.397e+04	3.507e+04	-8.718e+04
		-1.625e+05	5.874e+04	1.49e-03	0.0	0.0	-1324.21	-713.21	100.47	5.587e+04	3.121e+04	-2.860e+04
14	8	-1.079e+05	6.316e+04	1.67e-03	-278.42	21.0	-1330.54	-819.37	100.47	5.587e+04	3.333e+04	-4.856e+04
		-1.808e+05	5.846e+04	1.47e-03	0.0	42.0	-1336.88	-925.69	100.47	5.587e+04	3.545e+04	-7.074e+04
14	9	-7.494e+04	3.642e+04	1.01e-03	-212.95	0.0	-2424.42	-1198.22	105.07	7.685e+04	5.874e+04	-9.516e+04
		-1.262e+05	3.382e+04	8.64e-04	0.0	21.0	-2432.72	-1337.29	105.07	7.685e+04	6.096e+04	-1.274e+05
14	15	-7.325e+04	4.822e+04	1.40e-03	-214.13	42.0	-2441.03	-1476.64	105.07	7.685e+04	6.318e+04	-1.625e+05
		-1.250e+05	4.483e+04	1.13e-03	0.0	0.0	-2441.91	-1309.74	111.53	8.281e+04	5.846e+04	-1.079e+05
14	21	-1.223e+05	5.135e+04	1.19e-03	-277.23	21.0	-2450.20	-1448.82	111.53	8.281e+04	6.081e+04	-1.429e+05
		-2.003e+05	4.716e+04	1.18e-03	0.0	42.0	-2458.51	-1588.16	111.53	8.281e+04	6.316e+04	-1.808e+05
14	23	-1.004e+05	3.640e+04	8.01e-04	-212.95	0.0	-1401.01	-923.33	61.67	5.461e+04	3.382e+04	-7.494e+04
		-1.628e+05	3.325e+04	8.31e-04	0.0	21.0	-1407.35	-1029.73	61.67	5.461e+04	3.512e+04	-9.947e+04
14	25	-7.469e+04	3.817e+04	1.07e-03	-213.12	42.0	-1413.71	-1136.28	61.67	5.461e+04	3.642e+04	-1.262e+05
		-1.260e+05	3.545e+04	9.04e-04	0.0	0.0	-1850.48	-921.74	80.26	5.898e+04	4.483e+04	-7.325e+04
14	31	-7.356e+04	4.604e+04	1.33e-03	-213.91	21.0	-1856.86	-1028.70	80.26	5.898e+04	4.653e+04	-9.801e+04
		-1.252e+05	4.280e+04	1.08e-03	0.0	42.0	-1863.26	-1135.87	80.26	5.898e+04	4.822e+04	-1.250e+05
14	32	-8.206e+04	4.603e+04	1.22e-03	-213.91	0.0	-2009.92	-1422.86	99.41	8.439e+04	4.716e+04	-1.223e+05
		-1.375e+05	4.261e+04	1.07e-03	0.0	21.0	-2018.18	-1561.37	99.41	8.439e+04	4.925e+04	-1.599e+05
14	35	-9.168e+04	3.816e+04	9.04e-04	-213.12	42.0	-2026.45	-1700.09	99.41	8.439e+04	5.135e+04	-2.003e+05
		-1.505e+05	3.507e+04	8.82e-04	0.0	0.0	-1435.98	-1146.38	74.60	6.653e+04	3.325e+04	-1.004e+05
14	37	-7.469e+04	3.817e+04	1.07e-03	-213.12	21.0	-1442.32	-1252.78	74.60	6.653e+04	3.482e+04	-1.305e+05
		-1.260e+05	3.545e+04	9.04e-04	0.0	42.0	-1448.68	-1359.33	74.60	6.653e+04	3.640e+04	-1.628e+05
15	7	6.675e+04	1.044e+04	-8.91e-03	-749.40	0.0	-1467.81	-923.10	64.41	5.526e+04	3.545e+04	-7.469e+04
		4.017e+04	9136.19	-5.43e-04	0.0	21.0	-1474.16	-1029.58	64.41	5.526e+04	3.681e+04	-9.925e+04
15	8	6.743e+04	9942.34	-9.01e-03	-749.40	42.0	-1480.52	-1136.22	64.41	5.526e+04	3.817e+04	-1.260e+05
		4.042e+04	8635.17	-5.20e-04	0.0	0.0	547.94	1011.43	30.93	1.153e+04	9136.19	4.017e+04
15	9	4.245e+04	5352.22	-5.62e-03	-462.86	20.4	547.94	637.36	30.93	1.153e+04	9785.86	5.728e+04
		2.534e+04	4703.75	-2.88e-04	0.0	40.8	547.94	262.04	30.93	1.153e+04	1.044e+04	6.675e+04
15	23	4.382e+04	4365.87	-5.83e-03	-462.86	0.0	539.21	1013.70	30.66	1.346e+04	8635.17	4.042e+04
		2.583e+04	3701.70	-2.42e-04	0.0	20.4	539.21	639.62	30.66	1.346e+04	9288.75	5.774e+04
15	25	4.373e+04	5737.28	-5.80e-03	-479.18	40.8	539.21	264.30	30.66	1.346e+04	9942.34	6.743e+04
		2.614e+04	5038.79	-3.07e-04	0.0	0.0	304.82	629.10	14.63	1.005e+04	4703.75	2.534e+04
15	31	4.948e+04	7465.27	-6.59e-03	-552.61	20.4	304.82	398.02	14.63	1.005e+04	5027.98	3.625e+04
		2.973e+04	6539.28	-3.90e-04	0.0	40.8	304.82	166.24	14.63	1.005e+04	5352.22	4.245e+04
15	32	4.993e+04	7136.49	-6.66e-03	-552.61	0.0	287.36	633.63	14.08	1.391e+04	3701.70	2.583e+04
		2.990e+04	6205.26	-3.75e-04	0.0	20.4	287.36	402.55	14.08	1.391e+04	4033.78	3.718e+04
15	35	4.464e+04	5079.72	-5.93e-03	-479.18	40.8	287.36	170.77	14.08	1.391e+04	4365.87	4.382e+04
		2.647e+04	4370.75	-2.76e-04	0.0	0.0	321.61	650.46	15.94	9878.88	5038.79	2.614e+04
15	37	4.373e+04	5737.28	-5.80e-03	-479.18	20.4	321.61	411.24	15.94	9878.88	5388.04	3.738e+04
		2.614e+04	5038.79	-3.07e-04	0.0	40.8	321.61	171.28	15.94	9878.88	5737.28	4.373e+04
16	1	9914.42	8607.98	-0.01	-684.66	0.0	321.61	171.28	15.94	9878.88	5737.28	4.373e+04
		-2.143e+04	-3603.12	-3.59e-03	0.0	0.0	-235.79	335.20	-34.72	3100.24	8607.98	-1.893e+04
16	7	9574.57	1.021e+04	-0.01	-684.66	175.8	-254.98	-7.13	-34.72	3100.24	2502.43	9914.42
		-2.217e+04	-4280.39	-4.25e-03	0.0	351.7	-274.18	-349.46	-34.72	3100.24	-3603.12	-2.143e+04
16	8	9557.41	1.020e+04	-0.01	-684.66	0.0	-266.92	332.95	-41.21	3631.44	1.021e+04	-1.887e+04
						175.8	-286.11	-9.38	-41.21	3631.44	2966.22	9574.57
						351.7	-305.31	-351.71	-41.21	3631.44	-4280.39	-2.217e+04
						0.0	-269.74	332.60	-41.12	3632.37	1.020e+04	-1.883e+04

		-2.225e+04	-4263.98	-4.25e-03	0.0	175.8	-288.94	-9.73	-41.12	3632.37	2966.58	9557.41
						351.7	-308.13	-352.06	-41.12	3632.37	-4263.98	-2.225e+04
16	9	7716.18	6199.53	-0.01	-526.66	0.0	-173.15	258.44	-25.00	2244.64	6199.53	-1.457e+04
		-1.629e+04	-2593.44	-2.59e-03	0.0	175.8	-187.91	-4.89	-25.00	2244.64	1803.04	7716.18
						351.7	-202.68	-268.22	-25.00	2244.64	-2593.44	-1.629e+04
16	25	7665.48	6438.05	-0.01	-526.66	0.0	-177.80	258.10	-25.97	2323.86	6438.05	-1.457e+04
		-1.640e+04	-2694.16	-2.69e-03	0.0	175.8	-192.56	-5.23	-25.97	2323.86	1871.94	7665.48
						351.7	-207.33	-268.55	-25.97	2323.86	-2694.16	-1.640e+04
16	31	7438.91	7507.96	-0.01	-526.66	0.0	-198.55	256.61	-30.30	2677.99	7507.96	-1.453e+04
		-1.689e+04	-3145.67	-3.12e-03	0.0	175.8	-213.32	-6.72	-30.30	2677.99	2181.14	7438.91
						351.7	-228.08	-270.05	-30.30	2677.99	-3145.67	-1.689e+04
16	32	7427.47	7497.49	-0.01	-526.66	0.0	-200.43	256.37	-30.23	2678.61	7497.49	-1.450e+04
		-1.695e+04	-3134.73	-3.13e-03	0.0	175.8	-215.20	-6.96	-30.23	2678.61	2181.38	7427.47
						351.7	-229.97	-270.29	-30.23	2678.61	-3134.73	-1.695e+04
16	37	7665.48	6438.05	-0.01	-526.66	0.0	-177.80	258.10	-25.97	2323.86	6438.05	-1.457e+04
		-1.640e+04	-2694.16	-2.69e-03	0.0	175.8	-192.56	-5.23	-25.97	2323.86	1871.94	7665.48
						351.7	-207.33	-268.55	-25.97	2323.86	-2694.16	-1.640e+04
17	7	-9.849e+04	-2522.49	1.67e-03	-779.55	0.0	-71.76	-2969.33	-63.54	9675.41	-2522.49	-9.849e+04
		-2.335e+05	-5112.05	-1.29e-04	0.0	20.4	-71.76	-3358.47	-63.54	9675.41	-3817.27	-1.620e+05
						40.8	-71.76	-3748.88	-63.54	9675.41	-5112.05	-2.335e+05
17	8	-1.013e+05	-2612.08	1.59e-03	-779.55	0.0	-64.75	-3044.68	-62.49	9947.06	-2612.08	-1.013e+05
		-2.393e+05	-5159.02	-1.21e-04	0.0	20.4	-64.75	-3433.82	-62.49	9947.06	-3885.55	-1.663e+05
						40.8	-64.75	-3824.23	-62.49	9947.06	-5159.02	-2.393e+05
17	9	-6.653e+04	-1645.27	8.36e-04	-479.83	0.0	-27.23	-1960.32	-35.19	5433.24	-1645.27	-6.653e+04
		-1.550e+05	-3079.59	-7.13e-05	0.0	20.4	-27.23	-2199.88	-35.19	5433.24	-2362.43	-1.083e+05
						40.8	-27.23	-2440.15	-35.19	5433.24	-3079.59	-1.550e+05
17	23	-7.217e+04	-1824.45	7.06e-04	-479.83	0.0	-13.22	-2111.02	-33.10	5976.54	-1824.45	-7.217e+04
		-1.664e+05	-3173.53	-5.51e-05	0.0	20.4	-13.22	-2350.58	-33.10	5976.54	-2498.99	-1.169e+05
						40.8	-13.22	-2590.85	-33.10	5976.54	-3173.53	-1.664e+05
17	25	-6.786e+04	-1687.60	8.97e-04	-497.04	0.0	-31.26	-2006.84	-37.16	5723.21	-1687.60	-6.786e+04
		-1.585e+05	-3202.22	-7.53e-05	0.0	20.4	-31.26	-2254.99	-37.16	5723.21	-2444.91	-1.106e+05
						40.8	-31.26	-2503.88	-37.16	5723.21	-3202.22	-1.585e+05
17	31	-7.382e+04	-1878.46	1.19e-03	-574.50	0.0	-49.32	-2216.12	-46.00	7020.06	-1878.46	-7.382e+04
		-1.745e+05	-3753.24	-9.35e-05	0.0	20.4	-49.32	-2502.91	-46.00	7020.06	-2815.85	-1.212e+05
						40.8	-49.32	-2790.61	-46.00	7020.06	-3753.24	-1.745e+05
17	32	-7.570e+04	-1938.18	1.14e-03	-574.50	0.0	-44.65	-2266.35	-45.30	7201.16	-1938.18	-7.570e+04
		-1.783e+05	-3784.56	-8.81e-05	0.0	20.4	-44.65	-2553.14	-45.30	7201.16	-2861.37	-1.241e+05
						40.8	-44.65	-2840.85	-45.30	7201.16	-3784.56	-1.783e+05
17	35	-7.162e+04	-1807.05	8.06e-04	-497.04	0.0	-21.92	-2107.31	-35.77	6085.40	-1807.05	-7.162e+04
		-1.662e+05	-3264.85	-6.45e-05	0.0	20.4	-21.92	-2355.46	-35.77	6085.40	-2535.95	-1.164e+05
						40.8	-21.92	-2604.35	-35.77	6085.40	-3264.85	-1.662e+05
17	37	-6.786e+04	-1687.60	8.97e-04	-497.04	0.0	-31.26	-2006.84	-37.16	5723.21	-1687.60	-6.786e+04
		-1.585e+05	-3202.22	-7.53e-05	0.0	20.4	-31.26	-2254.99	-37.16	5723.21	-2444.91	-1.106e+05
						40.8	-31.26	-2503.88	-37.16	5723.21	-3202.22	-1.585e+05
18	7	-3.771e+04	6530.26	-3.32e-03	-470.01	0.0	1813.81	-2094.60	141.92	3.228e+04	3128.79	-3.771e+04
		-8.974e+04	3128.79	-4.27e-04	0.0	11.6	1813.81	-2329.57	141.92	3.228e+04	4829.52	-6.237e+04
						23.2	1813.81	-2564.61	141.92	3.228e+04	6530.26	-8.974e+04
18	8	-3.534e+04	6615.47	-2.95e-03	-470.01	0.0	1729.95	-2142.67	139.28	3.278e+04	3274.51	-3.534e+04
		-8.847e+04	3274.51	-4.10e-04	0.0	11.6	1729.95	-2377.64	139.28	3.278e+04	4944.99	-6.055e+04
						23.2	1729.95	-2612.68	139.28	3.278e+04	6615.47	-8.847e+04
18	9	-1.982e+04	4143.95	-1.17e-03	-288.16	0.0	984.56	-1389.27	86.14	2.068e+04	2077.71	-1.982e+04
		-5.413e+04	2077.71	-2.29e-04	0.0	11.6	984.56	-1533.32	86.14	2.068e+04	3110.83	-3.614e+04
						23.2	984.56	-1677.42	86.14	2.068e+04	4143.95	-5.413e+04
18	23	-1.507e+04	4314.36	-4.30e-04	-288.16	0.0	816.85	-1485.41	80.85	2.167e+04	2369.16	-1.507e+04
		-5.159e+04	2369.16	-1.94e-04	0.0	11.6	816.85	-1629.46	80.85	2.167e+04	3341.76	-3.250e+04
						23.2	816.85	-1773.57	80.85	2.167e+04	4314.36	-5.159e+04
18	25	-2.115e+04	4270.53	-1.37e-03	-298.75	0.0	1043.80	-1421.35	89.46	2.128e+04	2125.03	-2.115e+04
		-5.629e+04	2125.03	-2.43e-04	0.0	11.6	1043.80	-1570.70	89.46	2.128e+04	3197.78	-3.785e+04
						23.2	1043.80	-1720.10	89.46	2.128e+04	4270.53	-5.629e+04
18	31	-2.708e+04	4838.52	-2.26e-03	-346.11	0.0	1308.89	-1564.53	104.33	2.396e+04	2337.65	-2.708e+04
		-6.590e+04	2337.65	-3.08e-04	0.0	11.6	1308.89	-1737.55	104.33	2.396e+04	3588.09	-4.549e+04
						23.2	1308.89	-1910.64	104.33	2.396e+04	4838.52	-6.590e+04
18	32	-2.549e+04	4895.33	-2.01e-03	-346.11	0.0	1252.98	-1596.58	102.57	2.429e+04	2434.80	-2.549e+04
		-6.505e+04	2434.80	-2.96e-04	0.0	11.6	1252.98	-1769.60	102.57	2.429e+04	3665.06	-4.427e+04
						23.2	1252.98	-1942.68	102.57	2.429e+04	4895.33	-6.505e+04
18	35	-1.798e+04	4384.14	-8.76e-04	-298.75	0.0	931.99	-1485.44	85.93	2.194e+04	2319.32	-1.798e+04
		-5.459e+04	2319.32	-2.20e-04	0.0	11.6	931.99	-1634.79	85.93	2.194e+04	3351.73	-3.542e+04
						23.2	931.99	-1784.19	85.93	2.194e+04	4384.14	-5.459e+04
18	37	-2.115e+04	4270.53	-1.37e-03	-298.75	0.0	1043.80	-1421.35	89.46	2.128e+04	2125.03	-2.115e+04
		-5.629e+04	2125.03	-2.43e-04	0.0	11.6	1043.80	-1570.70	89.46	2.128e+04	3197.78	-3.785e+04
						23.2	1043.80	-1720.10	89.46	2.128e+04	4270.53	-5.629e+04
19	7	-6.285e+04	-3.912e+04	-2.05e-03	-467.10	0.0	-356.60	1715.14	677.51	2.000e+04	-5.498e+04	-9.985e+04
		-9.985e+04	-5.498e+04	-2.36e-04	0.0	11.6	-356.60	1481.63	677.51	2.000e+04	-4.705e+04	-8.000e+04
						23.2	-356.60	1248.04	677.51	2.000e+04	-3.912e+04	-6.285e+04
19	9	-3.259e+04	-2.202e+04	-1.69e-03	-286.52	0.0	-254.42	1066.99	415.88	1.640e+04	-3.178e+04	-5.603e+04
		-5.603e+04	-3.178e+04	-1.59e-04	0.0	11.6	-254.42	923.75	415.88	1.640e+04	-2.690e+04	-4.348e+04
						23.2	-254.42	780.47	415.88	1.640e+04	-2.202e+04	-3.259e+04

19	22	-5.141e+04	-3.355e+04	-2.59e-03	-427.69	0.0	-398.53	1622.64	630.53	2.513e+04	-4.834e+04	-8.719e+04
		-8.719e+04	-4.834e+04	-2.32e-04	0.0	11.6	-398.53	1408.83	630.53	2.513e+04	-4.095e+04	-6.806e+04
						23.2	-398.53	1194.95	630.53	2.513e+04	-3.355e+04	-5.141e+04
19	23	-2.966e+04	-2.081e+04	-2.17e-03	-286.52	0.0	-307.02	1110.99	425.81	2.097e+04	-3.082e+04	-5.458e+04
		-5.458e+04	-3.082e+04	-1.67e-04	0.0	11.6	-307.02	967.75	425.81	2.097e+04	-2.582e+04	-4.129e+04
						23.2	-307.02	824.47	425.81	2.097e+04	-2.081e+04	-2.966e+04
19	25	-3.486e+04	-2.318e+04	-1.68e-03	-297.03	0.0	-257.26	1103.39	431.06	1.625e+04	-3.329e+04	-5.902e+04
		-5.902e+04	-3.329e+04	-1.62e-04	0.0	11.6	-257.26	954.90	431.06	1.625e+04	-2.824e+04	-4.608e+04
						23.2	-257.26	806.36	431.06	1.625e+04	-2.318e+04	-3.486e+04
19	31	-4.504e+04	-2.840e+04	-1.60e-03	-344.00	0.0	-270.14	1266.28	499.03	1.560e+04	-4.008e+04	-7.244e+04
		-7.244e+04	-4.008e+04	-1.77e-04	0.0	11.6	-270.14	1094.31	499.03	1.560e+04	-3.424e+04	-5.774e+04
						23.2	-270.14	922.28	499.03	1.560e+04	-2.840e+04	-4.504e+04
19	35	-3.290e+04	-2.238e+04	-2.00e-03	-297.03	0.0	-292.33	1132.72	437.68	1.930e+04	-3.266e+04	-5.806e+04
		-5.806e+04	-3.266e+04	-1.68e-04	0.0	11.6	-292.33	984.23	437.68	1.930e+04	-2.752e+04	-4.462e+04
						23.2	-292.33	835.69	437.68	1.930e+04	-2.238e+04	-3.290e+04
19	36	-3.741e+04	-2.468e+04	-1.96e-03	-317.73	0.0	-298.09	1204.61	467.71	1.902e+04	-3.566e+04	-6.400e+04
		-6.400e+04	-3.566e+04	-1.74e-04	0.0	11.6	-298.09	1045.77	467.71	1.902e+04	-3.017e+04	-4.979e+04
						23.2	-298.09	886.88	467.71	1.902e+04	-2.468e+04	-3.741e+04
19	37	-3.486e+04	-2.318e+04	-1.68e-03	-297.03	0.0	-257.26	1103.39	431.06	1.625e+04	-3.329e+04	-5.902e+04
		-5.902e+04	-3.329e+04	-1.62e-04	0.0	11.6	-257.26	954.90	431.06	1.625e+04	-2.824e+04	-4.608e+04
						23.2	-257.26	806.36	431.06	1.625e+04	-2.318e+04	-3.486e+04
20	7	4.510e+04	3.706e+04	-4.99e-03	-792.61	0.0	1.185e+04	2458.55	-318.46	-2.610e+04	3.706e+04	-5.287e+04
		-5.287e+04	1.833e+04	5.57e-04	0.0	23.7	1.185e+04	2062.94	-318.46	-2.610e+04	2.769e+04	819.58
						47.5	1.185e+04	1665.94	-318.46	-2.610e+04	1.833e+04	4.510e+04
20	8	4.510e+04	3.715e+04	-4.99e-03	-792.61	0.0	1.185e+04	2458.45	-321.19	-2.617e+04	3.715e+04	-5.286e+04
		-5.286e+04	1.828e+04	5.61e-04	0.0	23.7	1.185e+04	2062.84	-321.19	-2.617e+04	2.772e+04	827.43
						47.5	1.185e+04	1665.84	-321.19	-2.617e+04	1.828e+04	4.510e+04
20	23	2.817e+04	2.361e+04	-3.07e-03	-494.08	0.0	7349.08	1527.11	-205.25	-1.818e+04	2.361e+04	-3.263e+04
		-3.263e+04	1.135e+04	3.42e-04	0.0	23.7	7349.08	1280.46	-205.25	-1.818e+04	1.748e+04	705.04
						47.5	7349.08	1033.03	-205.25	-1.818e+04	1.135e+04	2.817e+04
20	31	3.332e+04	2.744e+04	-3.68e-03	-585.41	0.0	8744.65	1814.79	-235.47	-1.965e+04	2.744e+04	-3.898e+04
		-3.898e+04	1.354e+04	4.09e-04	0.0	23.7	8744.65	1522.59	-235.47	-1.965e+04	2.049e+04	642.54
						47.5	8744.65	1229.38	-235.47	-1.965e+04	1.354e+04	3.332e+04
20	32	3.332e+04	2.750e+04	-3.68e-03	-585.41	0.0	8743.76	1814.72	-237.29	-1.970e+04	2.750e+04	-3.898e+04
		-3.898e+04	1.351e+04	4.12e-04	0.0	23.7	8743.76	1522.52	-237.29	-1.970e+04	2.050e+04	647.77
						47.5	8743.76	1229.31	-237.29	-1.970e+04	1.351e+04	3.332e+04
20	35	2.911e+04	2.428e+04	-3.18e-03	-510.71	0.0	7603.60	1579.45	-209.95	-1.843e+04	2.428e+04	-3.379e+04
		-3.379e+04	1.176e+04	3.53e-04	0.0	23.7	7603.60	1324.51	-209.95	-1.843e+04	1.802e+04	691.85
						47.5	7603.60	1068.74	-209.95	-1.843e+04	1.176e+04	2.911e+04
20	37	2.910e+04	2.415e+04	-3.18e-03	-510.71	0.0	7605.37	1579.58	-206.32	-1.834e+04	2.415e+04	-3.380e+04
		-3.380e+04	1.182e+04	3.48e-04	0.0	23.7	7605.37	1324.64	-206.32	-1.834e+04	1.798e+04	681.39
						47.5	7605.37	1068.87	-206.32	-1.834e+04	1.182e+04	2.910e+04
23	8	-2.468e+04	4.447e+04	2.64e-03	-781.65	0.0	1.167e+04	720.31	148.56	551.30	3.680e+04	-4.046e+04
		-4.046e+04	3.680e+04	-9.03e-04	0.0	23.7	1.167e+04	330.16	148.56	551.30	4.064e+04	-2.798e+04
						47.5	1.167e+04	-61.34	148.56	551.30	4.447e+04	-2.479e+04
23	9	-1.547e+04	2.797e+04	1.68e-03	-487.91	0.0	7302.26	456.11	99.15	1073.87	2.269e+04	-1.547e+04
		-2.561e+04	2.269e+04	-5.88e-04	0.0	23.7	7302.26	212.54	99.15	1073.87	2.533e+04	-1.766e+04
						47.5	7302.26	-31.80	99.15	1073.87	2.797e+04	-1.552e+04
23	25	-1.597e+04	2.885e+04	1.73e-03	-504.21	0.0	7542.49	470.05	101.24	980.37	2.349e+04	-2.639e+04
		-2.639e+04	2.349e+04	-6.04e-04	0.0	23.7	7542.49	218.35	101.24	980.37	2.617e+04	-1.822e+04
						47.5	7542.49	-34.16	101.24	980.37	2.885e+04	-1.603e+04
23	32	-1.824e+04	3.290e+04	1.95e-03	-577.46	0.0	8623.86	533.59	111.15	560.58	2.713e+04	-2.997e+04
		-2.997e+04	2.713e+04	-6.73e-04	0.0	23.7	8623.86	245.35	111.15	560.58	3.002e+04	-2.071e+04
						47.5	8623.86	-43.87	111.15	560.58	3.290e+04	-1.832e+04
23	37	-1.597e+04	2.885e+04	1.73e-03	-504.21	0.0	7542.49	470.05	101.24	980.37	2.349e+04	-2.639e+04
		-2.639e+04	2.349e+04	-6.04e-04	0.0	23.7	7542.49	218.35	101.24	980.37	2.617e+04	-1.822e+04
						47.5	7542.49	-34.16	101.24	980.37	2.885e+04	-1.603e+04
32	7	9.215e+05	2.196e+04	-0.95	-2.668e+04	0.0	-5737.42	1.257e+04	-9.58	-8149.88	2.196e+04	-1.241e+06
		-1.673e+06	1.532e+04	-4.58e-03	0.0	346.1	-5737.42	-618.06	-9.58	-8149.88	1.864e+04	9.215e+05
						692.2	-5737.42	-1.411e+04	-9.58	-8149.88	1.532e+04	-1.673e+06
32	23	5.452e+05	1.399e+04	-0.56	-1.589e+04	0.0	-3223.01	7510.38	-7.97	-3382.27	1.399e+04	-7.472e+05
		-9.909e+05	8471.55	-2.67e-03	0.0	346.1	-3223.01	-348.57	-7.97	-3382.27	1.123e+04	5.452e+05
						692.2	-3223.01	-8377.53	-7.97	-3382.27	8471.55	-9.909e+05
32	31	6.747e+05	1.629e+04	-0.69	-1.955e+04	0.0	-4189.47	9215.13	-7.47	-5861.24	1.629e+04	-9.103e+05
		-1.225e+06	1.112e+04	-3.34e-03	0.0	346.1	-4189.47	-450.73	-7.47	-5861.24	1.370e+04	6.747e+05
						692.2	-4189.47	-1.034e+04	-7.47	-5861.24	1.112e+04	-1.225e+06
32	35	5.691e+05	1.441e+04	-0.58	-1.656e+04	0.0	-3418.49	7820.46	-7.86	-3977.94	1.441e+04	-7.763e+05
		-1.034e+06	8972.14	-2.79e-03	0.0	346.1	-3418.49	-368.66	-7.86	-3977.94	1.169e+04	5.691e+05
						692.2	-3418.49	-8736.75	-7.86	-3977.94	8972.14	-1.034e+06
32	37	5.701e+05	1.443e+04	-0.59	-1.656e+04	0.0	-3502.17	7814.19	-7.78	-4609.45	1.443e+04	-7.731e+05
		-1.035e+06	9051.60	-2.81e-03	0.0	346.1	-3502.17	-374.93	-7.78	-4609.45	1.174e+04	5.701e+05
						692.2	-3502.17	-8743.02	-7.78	-4609.45	9051.60	-1.035e+06
33	7	6.758e+05	2.973e+04	-0.51	-2.570e+04	0.0	-4458.08	1.316e+04	108.43	-2836.55	-4.175e+04	-1.512e+06
		-1.512e+06	-4.175e+04	2.37e-03	0.0	329.7	-4458.08	153.03	108.43	-2836.55	-6009.50	6.758e+05
						659.3	-4458.08	-1.254e+04	108.43	-2836.55	2.973e+04	-1.378e+06
33	8	6.760e+05	2.985e+04	-0.51	-2.570e+04	0.0	-4402.57	1.316e+04	108.71	-2752.00	-4.183e+04	-1.512e+06
		-1.512e+06	-4.183e+04	2.35e-03	0.0	329.7	-4402.57	152.79	108.71	-2752.00	-5989.67	6.760e+05

33	23	4.026e+05	1.763e+04	-0.31	-1.529e+04	659.3	-4402.57	-1.254e+04	108.71	-2752.00	2.985e+04	-1.378e+06	
		-8.994e+05	-2.522e+04	1.39e-03	0.0	0.0	-2467.40	7826.00	64.99	-1265.13	-2.522e+04	-8.994e+05	
						329.7	-2467.40	92.50	64.99	-1265.13	-3797.18	4.026e+05	
33	31	4.951e+05	2.172e+04	-0.38	-1.882e+04	659.3	-2467.40	-7465.37	64.99	-1265.13	1.763e+04	-8.195e+05	
		-1.108e+06	-3.064e+04	1.74e-03	0.0	0.0	-3250.35	9637.88	79.42	-2024.76	-3.064e+04	-1.108e+06	
						329.7	-3250.35	112.51	79.42	-2024.76	-4457.35	4.951e+05	
33	32	4.952e+05	2.180e+04	-0.38	-1.882e+04	659.3	-3250.35	-9186.65	79.42	-2024.76	2.172e+04	-1.009e+06	
		-1.108e+06	-3.069e+04	1.72e-03	0.0	0.0	-3213.35	9637.73	79.61	-1968.39	-3.069e+04	-1.108e+06	
						329.7	-3213.35	112.35	79.61	-1968.39	-4444.13	4.952e+05	
33	35	4.195e+05	1.834e+04	-0.32	-1.594e+04	659.3	-3213.35	-9186.80	79.61	-1968.39	2.180e+04	-1.009e+06	
		-9.376e+05	-2.619e+04	1.46e-03	0.0	0.0	-2627.18	8157.27	67.54	-1429.33	-2.619e+04	-9.376e+05	
						329.7	-2627.18	96.22	67.54	-1429.33	-3923.95	4.195e+05	
33	37	4.193e+05	1.819e+04	-0.32	-1.594e+04	659.3	-2627.18	-7779.94	67.54	-1429.33	1.834e+04	-8.542e+05	
		-9.379e+05	-2.609e+04	1.49e-03	0.0	0.0	-2701.19	8157.58	67.16	-1542.08	-2.609e+04	-9.379e+05	
						329.7	-2701.19	96.54	67.16	-1542.08	-3950.38	4.193e+05	
34	7	8.010e+05	-4797.58	-0.73	-2.534e+04	659.3	-2701.19	-7779.63	67.16	-1542.08	1.819e+04	-8.543e+05	
		-1.547e+06	-9157.10	1.26e-03	0.0	0.0	-3790.33	1.329e+04	6.43	1.250e+04	-9157.10	-1.547e+06	
						339.2	-3790.33	571.48	6.43	1.250e+04	-6977.34	7.979e+05	
34	9	4.760e+05	-2403.38	-0.43	-1.511e+04	678.3	-3790.33	-1.204e+04	6.43	1.250e+04	-4797.58	-1.149e+06	
		-9.204e+05	-5344.13	-7.59e-04	0.0	0.0	-2119.19	7915.87	4.34	7198.27	-5344.13	-9.204e+05	
						339.2	-2119.19	329.70	4.34	7198.27	-3873.76	4.745e+05	
34	23	4.744e+05	-2555.93	-0.43	-1.511e+04	678.3	-2119.19	-7195.55	4.34	7198.27	-2403.38	-6.907e+05	
		-9.186e+05	-5026.18	6.68e-04	0.0	0.0	-1980.42	7906.44	3.64	6376.42	-5026.18	-9.186e+05	
						339.2	-1980.42	320.27	3.64	6376.42	-3791.05	4.731e+05	
34	25	4.963e+05	-2589.66	-0.45	-1.574e+04	678.3	-1980.42	-7204.98	3.64	6376.42	-2555.93	-6.953e+05	
		-9.594e+05	-5588.33	-7.66e-04	0.0	0.0	-2234.15	8249.22	4.42	7546.72	-5588.33	-9.594e+05	
						339.2	-2234.15	345.56	4.42	7546.72	-4088.99	4.946e+05	
34	31	5.867e+05	-3419.49	-0.53	-1.857e+04	678.3	-2234.15	-7493.98	4.42	7546.72	-2589.66	-7.186e+05	
		-1.133e+06	-6687.05	9.00e-04	0.0	0.0	-2748.14	9740.02	4.82	9104.97	-6687.05	-1.133e+06	
						339.2	-2748.14	416.49	4.82	9104.97	-5053.27	5.845e+05	
34	35	4.952e+05	-2691.35	-0.45	-1.574e+04	678.3	-2748.14	-8828.57	4.82	9104.97	-3419.49	-8.432e+05	
		-9.582e+05	-5376.36	7.06e-04	0.0	0.0	-2141.64	8242.94	3.96	6998.81	-5376.36	-9.582e+05	
						339.2	-2141.64	339.28	3.96	6998.81	-4033.86	4.936e+05	
34	37	4.963e+05	-2589.66	-0.45	-1.574e+04	678.3	-2141.64	-7500.26	3.96	6998.81	-2691.35	-7.216e+05	
		-9.594e+05	-5588.33	-7.66e-04	0.0	0.0	-2234.15	8249.22	4.42	7546.72	-5588.33	-9.594e+05	
						339.2	-2234.15	345.56	4.42	7546.72	-4088.99	4.946e+05	
35	7	-2.479e+04	4.382e+04	5.14e-04	-787.09	678.3	-2234.15	-7493.98	4.42	7546.72	-2589.66	-7.186e+05	
		-5.287e+04	3.837e+04	-1.58e-04	0.0	0.0	1.216e+04	-198.15	-75.57	-1.053e+04	4.382e+04	-2.479e+04	
						23.7	1.216e+04	-591.01	-75.57	-1.053e+04	4.109e+04	-3.415e+04	
35	8	-2.479e+04	4.394e+04	5.13e-04	-787.09	47.5	1.216e+04	-985.24	-75.57	-1.053e+04	3.837e+04	-5.287e+04	
		-5.286e+04	3.846e+04	-1.57e-04	0.0	0.0	1.216e+04	-197.96	-76.15	-1.055e+04	4.394e+04	-2.479e+04	
						23.7	1.216e+04	-590.82	-76.15	-1.055e+04	4.120e+04	-3.415e+04	
35	9	-1.552e+04	2.764e+04	3.32e-04	-490.97	47.5	1.216e+04	-985.04	-76.15	-1.055e+04	3.846e+04	-5.286e+04	
		-3.265e+04	2.431e+04	-1.13e-04	0.0	0.0	7576.88	-115.54	-43.88	-7037.52	2.764e+04	-1.552e+04	
						23.7	7576.88	-360.63	-43.88	-7037.52	2.598e+04	-2.117e+04	
35	23	-1.552e+04	2.789e+04	3.30e-04	-490.97	47.5	7576.88	-606.50	-43.88	-7037.52	2.431e+04	-3.265e+04	
		-3.263e+04	2.451e+04	-1.11e-04	0.0	0.0	7578.48	-115.15	-45.04	-7072.47	2.789e+04	-1.552e+04	
						23.7	7578.48	-360.25	-45.04	-7072.47	2.620e+04	-2.116e+04	
35	25	-1.603e+04	2.851e+04	3.41e-04	-507.43	47.5	7578.48	-606.12	-45.04	-7072.47	2.451e+04	-3.263e+04	
		-3.380e+04	2.506e+04	-1.15e-04	0.0	0.0	7832.79	-120.79	-45.94	-7190.69	2.851e+04	-1.603e+04	
						23.7	7832.79	-374.10	-45.94	-7190.69	2.679e+04	-2.190e+04	
35	31	-1.832e+04	3.243e+04	3.82e-04	-581.40	47.5	7832.79	-628.23	-45.94	-7190.69	2.506e+04	-3.380e+04	
		-3.898e+04	2.842e+04	-1.20e-04	0.0	0.0	8980.73	-144.70	-55.14	-7877.16	3.243e+04	-1.832e+04	
						23.7	8980.73	-434.91	-55.14	-7877.16	3.043e+04	-2.520e+04	
35	32	-1.832e+04	3.251e+04	3.81e-04	-581.40	47.5	8980.73	-726.11	-55.14	-7877.16	2.842e+04	-3.898e+04	
		-3.898e+04	2.848e+04	-1.19e-04	0.0	0.0	8981.26	-144.57	-55.52	-7888.81	3.251e+04	-1.832e+04	
						23.7	8981.26	-434.78	-55.52	-7888.81	3.050e+04	-2.520e+04	
35	35	-1.603e+04	2.868e+04	3.40e-04	-507.43	47.5	8981.26	-725.98	-55.52	-7888.81	2.848e+04	-3.898e+04	
		-3.379e+04	2.519e+04	-1.13e-04	0.0	0.0	7833.85	-120.53	-46.71	-7213.99	2.868e+04	-1.603e+04	
						23.7	7833.85	-373.84	-46.71	-7213.99	2.694e+04	-2.190e+04	
35	37	-1.603e+04	2.851e+04	3.41e-04	-507.43	47.5	7833.85	-627.97	-46.71	-7213.99	2.519e+04	-3.379e+04	
		-3.380e+04	2.506e+04	-1.15e-04	0.0	0.0	7832.79	-120.79	-45.94	-7190.69	2.851e+04	-1.603e+04	
						23.7	7832.79	-374.10	-45.94	-7190.69	2.679e+04	-2.190e+04	
36	7	-9.648e+04	8.414e+05	-8.16e-03	-178.24	47.5	7832.79	-628.23	-45.94	-7190.69	2.506e+04	-3.380e+04	
		-2.059e+05	8.003e+05	-9.05e-03	0.0	0.0	-1.704e+04	3912.18	1496.75	-3.062e+05	8.003e+05	-2.059e+05	
						13.8	-1.706e+04	3823.46	1496.75	-3.062e+05	8.208e+05	-1.506e+05	
36	15	-7.441e+04	6.424e+05	-6.27e-03	-137.09	27.5	-1.707e+04	3733.95	1496.75	-3.062e+05	8.414e+05	-9.648e+04	
		-1.584e+05	6.110e+05	-6.91e-03	0.0	0.0	-1.301e+04	3002.93	1142.75	-2.340e+05	6.110e+05	-1.584e+05	
						13.8	-1.302e+04	2934.68	1142.75	-2.340e+05	6.267e+05	-1.159e+05	
36	21	-1.143e+05	6.879e+05	-8.35e-03	-177.92	27.5	-1.304e+04	2865.83	1142.75	-2.340e+05	6.424e+05	-7.441e+04	
		-2.243e+05	6.541e+05	-7.31e-03	0.0	0.0	0.0	-1.397e+04	3909.25	1230.66	-2.667e+05	6.541e+05	-2.243e+05
						13.8	-1.398e+04	3820.60	1230.66	-2.667e+05	6.710e+05	-1.687e+05	
36	23	-9.227e+04	4.890e+05	-6.46e-03	-136.78	27.5	-1.400e+04	3731.33	1230.66	-2.667e+05	6.879e+05	-1.143e+05	
		-1.768e+05	4.649e+05	-5.17e-03	0.0	0.0	0.0	-9941.45	2999.99	876.65	-1.945e+05	4.649e+05	-1.768e+05
						13.8	-9952.15	2931.82	876.65	-1.945e+05	4.769e+05	-1.341e+05	
36	31	-7.550e+04	6.154e+05	-6.20e-03	-137.04	27.5	-9962.91	2863.21	876.65	-1.945e+05	4.890e+05	-9.227e+04	
						0.0	-1.248e+04	2966.74	1094.61	-2.253e+05	5.853e+05	-1.585e+05	

		-1.585e+05	5.853e+05	-6.61e-03	0.0	13.8	-1.249e+04	2898.51	1094.61	-2.253e+05	6.004e+05	-1.165e+05
36	35	-8.741e+04	5.131e+05	-6.33e-03	-136.83	27.5	-1.250e+04	2829.71	1094.61	-2.253e+05	6.154e+05	-7.550e+04
		-1.708e+05	4.879e+05	-5.45e-03	0.0	0.0	-1.043e+04	2964.79	917.21	-1.990e+05	4.879e+05	-1.708e+05
						13.8	-1.044e+04	2896.61	917.21	-1.990e+05	5.005e+05	-1.286e+05
						27.5	-1.045e+04	2827.96	917.21	-1.990e+05	5.131e+05	-8.741e+04
36	37	-7.945e+04	5.178e+05	-5.96e-03	-136.83	0.0	-1.053e+04	2835.89	920.46	-1.939e+05	4.925e+05	-1.588e+05
		-1.588e+05	4.925e+05	-5.53e-03	0.0	13.8	-1.054e+04	2767.71	920.46	-1.939e+05	5.051e+05	-1.187e+05
						27.5	-1.055e+04	2699.07	920.46	-1.939e+05	5.178e+05	-7.945e+04
37	7	1.288e+06	-4031.06	-0.82	-2.322e+04	0.0	-1292.79	1.204e+04	-38.43	1458.42	-4031.06	-5.162e+05
		-5.162e+05	-2.652e+04	0.01	0.0	292.6	-1292.79	295.01	-38.43	1458.42	-1.528e+04	1.288e+06
						585.1	-1292.79	-1.118e+04	-38.43	1458.42	-2.652e+04	-3.409e+05
37	8	1.288e+06	-4041.91	-0.82	-2.322e+04	0.0	-1292.22	1.204e+04	-38.42	1465.71	-4041.91	-5.162e+05
		-5.162e+05	-2.652e+04	0.01	0.0	292.6	-1292.22	294.99	-38.42	1465.71	-1.528e+04	1.288e+06
						585.1	-1292.22	-1.118e+04	-38.42	1465.71	-2.652e+04	-3.409e+05
37	9	7.814e+05	-2406.70	-0.50	-1.409e+04	0.0	-788.53	7302.16	-23.31	1219.10	-2406.70	-3.130e+05
		-3.130e+05	-1.604e+04	6.71e-03	0.0	292.6	-788.53	179.46	-23.31	1219.10	-1.604e+04	-2.065e+05
						585.1	-788.53	-6788.22	-23.31	1219.10	-1.604e+04	-2.065e+05
37	23	7.814e+05	-2428.40	-0.50	-1.409e+04	0.0	-787.40	7302.11	-23.27	1233.67	-2428.40	-3.130e+05
		-3.130e+05	-1.604e+04	6.73e-03	0.0	292.6	-787.40	179.41	-23.27	1233.67	-9236.67	7.814e+05
						585.1	-787.40	-6788.27	-23.27	1233.67	-1.604e+04	-2.065e+05
37	25	8.116e+05	-2506.56	-0.52	-1.463e+04	0.0	-818.19	7584.46	-24.21	1205.08	-2506.56	-3.251e+05
		-3.251e+05	-1.667e+04	6.95e-03	0.0	292.6	-818.19	186.30	-24.21	1205.08	-9589.03	8.116e+05
						585.1	-818.19	-7048.69	-24.21	1205.08	-1.667e+04	-2.145e+05
37	31	9.470e+05	-2955.01	-0.60	-1.707e+04	0.0	-951.17	8850.67	-28.25	1142.31	-2955.01	-3.794e+05
		-3.794e+05	-1.948e+04	8.04e-03	0.0	292.6	-951.17	216.96	-28.25	1142.31	-1.122e+04	9.470e+05
						585.1	-951.17	-8216.89	-28.25	1142.31	-1.948e+04	-2.505e+05
37	32	9.470e+05	-2962.25	-0.60	-1.707e+04	0.0	-950.80	8850.66	-28.24	1147.17	-2962.25	-3.794e+05
		-3.794e+05	-1.948e+04	8.05e-03	0.0	292.6	-950.80	216.94	-28.24	1147.17	-1.122e+04	9.470e+05
						585.1	-950.80	-8216.90	-28.24	1147.17	-1.948e+04	-2.505e+05
37	35	8.116e+05	-2521.02	-0.52	-1.463e+04	0.0	-817.44	7584.43	-24.18	1214.79	-2521.02	-3.251e+05
		-3.251e+05	-1.667e+04	6.97e-03	0.0	292.6	-817.44	186.26	-24.18	1214.79	-9596.43	8.116e+05
						585.1	-817.44	-7048.72	-24.18	1214.79	-1.667e+04	-2.145e+05
37	37	8.116e+05	-2506.56	-0.52	-1.463e+04	0.0	-818.19	7584.46	-24.21	1205.08	-2506.56	-3.251e+05
		-3.251e+05	-1.667e+04	6.95e-03	0.0	292.6	-818.19	186.30	-24.21	1205.08	-9589.03	8.116e+05
						585.1	-818.19	-7048.69	-24.21	1205.08	-1.667e+04	-2.145e+05
38	7	-5085.57	3601.14	-2.52e-03	-469.69	0.0	1563.52	-1363.14	-31.68	3.901e+04	3601.14	-5085.57
		-3.909e+04	3046.66	-4.15e-04	0.0	11.6	1563.52	-1597.95	-31.68	3.901e+04	3323.90	-2.073e+04
						23.2	1563.52	-1832.83	-31.68	3.901e+04	3046.66	-3.909e+04
38	9	1947.69	2592.72	-7.56e-04	-287.98	0.0	827.64	-917.38	-29.49	2.549e+04	2592.72	1947.69
		-2.069e+04	2025.44	-2.21e-04	0.0	11.6	827.64	-1061.34	-29.49	2.549e+04	2309.08	-8539.73
						23.2	827.64	-1205.35	-29.49	2.549e+04	2025.44	-2.069e+04
38	22	4315.94	4058.86	-1.25e-03	-429.99	0.0	1193.92	-1362.79	-46.14	3.833e+04	4058.86	4315.94
		-2.931e+04	3164.29	-3.27e-04	0.0	11.6	1193.92	-1577.74	-46.14	3.833e+04	3611.57	-1.125e+04
						23.2	1193.92	-1792.77	-46.14	3.833e+04	3164.29	-2.931e+04
38	23	8180.19	3146.41	-1.27e-04	-287.98	0.0	660.91	-988.17	-41.21	2.725e+04	3146.41	8180.19
		-1.599e+04	2314.61	-1.86e-04	0.0	11.6	660.91	-1132.14	-41.21	2.725e+04	2730.51	-3069.47
						23.2	660.91	-1276.15	-41.21	2.725e+04	2314.61	-1.599e+04
38	25	1102.62	2618.31	-9.26e-04	-298.56	0.0	881.74	-936.35	-28.76	2.614e+04	2618.31	1102.62
		-2.205e+04	2071.18	-2.35e-04	0.0	11.6	881.74	-1085.61	-28.76	2.614e+04	2344.75	-9608.35
						23.2	881.74	-1234.91	-28.76	2.614e+04	2071.18	-2.205e+04
38	31	-2679.98	2732.81	-1.69e-03	-345.87	0.0	1123.85	-1020.96	-25.44	2.906e+04	2732.81	-2679.98
		-2.810e+04	2276.77	-2.99e-04	0.0	11.6	1123.85	-1193.87	-25.44	2.906e+04	2504.79	-1.439e+04
						23.2	1123.85	-1366.83	-25.44	2.906e+04	2276.77	-2.810e+04
38	35	5257.62	2987.43	-5.06e-04	-298.56	0.0	770.58	-983.55	-36.57	2.731e+04	2987.43	5257.62
		-1.891e+04	2263.97	-2.12e-04	0.0	11.6	770.58	-1132.81	-36.57	2.731e+04	2625.70	-5961.51
						23.2	770.58	-1282.11	-36.57	2.731e+04	2263.97	-1.891e+04
38	36	3587.69	3037.96	-8.44e-04	-319.41	0.0	877.44	-1020.72	-35.08	2.861e+04	3037.96	3587.69
		-2.157e+04	2355.18	-2.40e-04	0.0	11.6	877.44	-1180.40	-35.08	2.861e+04	2696.57	-8088.94
						23.2	877.44	-1340.13	-35.08	2.861e+04	2355.18	-2.157e+04
38	37	1102.62	2618.31	-9.26e-04	-298.56	0.0	881.74	-936.35	-28.76	2.614e+04	2618.31	1102.62
		-2.205e+04	2071.18	-2.35e-04	0.0	11.6	881.74	-1085.61	-28.76	2.614e+04	2344.75	-9608.35
						23.2	881.74	-1234.91	-28.76	2.614e+04	2071.18	-2.205e+04
39	8	-1.870e+05	6.670e+04	-9.20e-03	-279.50	0.0	-2689.92	-1195.03	83.42	6.378e+04	6.318e+04	-1.870e+05
		-2.555e+05	6.318e+04	1.82e-03	0.0	21.0	-2698.25	-1334.65	83.42	6.378e+04	6.494e+04	-2.198e+05
						42.0	-2706.59	-1474.54	83.42	6.378e+04	6.670e+04	-2.555e+05
39	9	-1.304e+05	3.823e+04	-6.66e-03	-213.55	0.0	-1543.91	-843.93	42.55	4.117e+04	3.643e+04	-1.304e+05
		-1.785e+05	3.643e+04	1.07e-03	0.0	21.0	-1550.27	-950.63	42.55	4.117e+04	3.733e+04	-1.533e+05
						42.0	-1556.65	-1057.49	42.55	4.117e+04	3.823e+04	-1.785e+05
39	15	-1.294e+05	5.079e+04	-6.00e-03	-214.96	0.0	-2034.33	-858.61	60.51	4.548e+04	4.823e+04	-1.294e+05
		-1.789e+05	4.823e+04	1.40e-03	0.0	21.0	-2040.73	-965.99	60.51	4.548e+04	4.951e+04	-1.530e+05
						42.0	-2047.15	-1073.57	60.51	4.548e+04	5.079e+04	-1.789e+05
39	22	-2.062e+05	5.987e+04	-0.01	-278.72	0.0	-2441.58	-1265.05	77.54	6.588e+04	5.659e+04	-2.062e+05
		-2.782e+05	5.659e+04	1.62e-03	0.0	21.0	-2449.88	-1404.29	77.54	6.588e+04	5.823e+04	-2.407e+05
						42.0	-2458.20	-1543.77	77.54	6.588e+04	5.987e+04	-2.782e+05
39	23	-1.679e+05	3.855e+04	-9.51e-03	-213.55	0.0	-1593.63	-1000.36	50.66	5.015e+04	3.641e+04	-1.679e+05
		-2.243e+05	3.641e+04	1.03e-03	0.0	21.0	-1599.99	-1107.06	50.66	5.015e+04	3.748e+04	-1.950e+05
						42.0	-1606.36	-1213.92	50.66	5.015e+04	3.855e+04	-2.243e+05

39	25	-1.302e+05	4.009e+04	-6.56e-03	-213.76	0.0	-1616.77	-846.12	45.20	4.181e+04	3.818e+04	-1.302e+05
		-1.786e+05	3.818e+04	1.12e-03	0.0	21.0	-1623.14	-952.92	45.20	4.181e+04	3.914e+04	-1.533e+05
						42.0	-1629.51	-1059.88	45.20	4.181e+04	4.009e+04	-1.786e+05
39	31	-1.296e+05	4.846e+04	-6.12e-03	-214.70	0.0	-1943.71	-855.90	57.17	4.468e+04	4.605e+04	-1.296e+05
		-1.788e+05	4.605e+04	1.34e-03	0.0	21.0	-1950.11	-963.16	57.17	4.468e+04	4.726e+04	-1.531e+05
						42.0	-1956.51	-1070.60	57.17	4.468e+04	4.846e+04	-1.788e+05
39	32	-1.421e+05	4.857e+04	-7.07e-03	-214.70	0.0	-1960.28	-908.05	59.87	4.767e+04	4.604e+04	-1.421e+05
		-1.941e+05	4.604e+04	1.33e-03	0.0	21.0	-1966.68	-1015.30	59.87	4.767e+04	4.731e+04	-1.670e+05
						42.0	-1973.09	-1122.75	59.87	4.767e+04	4.857e+04	-1.941e+05
39	35	-1.552e+05	4.031e+04	-8.46e-03	-213.76	0.0	-1649.91	-950.40	50.60	4.779e+04	3.817e+04	-1.552e+05
		-2.091e+05	3.817e+04	1.09e-03	0.0	21.0	-1656.28	-1057.21	50.60	4.779e+04	3.924e+04	-1.810e+05
						42.0	-1662.66	-1164.17	50.60	4.779e+04	4.031e+04	-2.091e+05
39	36	-1.549e+05	4.402e+04	-8.27e-03	-214.18	0.0	-1794.72	-954.73	55.95	4.907e+04	4.165e+04	-1.549e+05
		-2.092e+05	4.165e+04	1.19e-03	0.0	21.0	-1801.10	-1061.73	55.95	4.907e+04	4.283e+04	-1.810e+05
						42.0	-1807.49	-1168.90	55.95	4.907e+04	4.402e+04	-2.092e+05
39	37	-1.302e+05	4.009e+04	-6.56e-03	-213.76	0.0	-1616.77	-846.12	45.20	4.181e+04	3.914e+04	-1.533e+05
		-1.786e+05	3.818e+04	1.12e-03	0.0	21.0	-1623.14	-952.92	45.20	4.181e+04	4.009e+04	-1.786e+05
						42.0	-1629.51	-1059.88	45.20	4.181e+04	4.181e+04	-1.786e+05
40	7	-4268.12	2.357e+04	-8.68e-03	-195.28	0.0	2242.71	1841.40	901.06	5.569e+04	-3871.64	-4.670e+04
		-4.670e+04	-3871.64	-1.62e-03	0.0	15.2	2258.98	1743.89	901.06	5.569e+04	9848.28	-2.074e+04
						30.4	2275.30	1646.12	901.06	5.569e+04	2.357e+04	-4268.12
40	8	-5511.49	2.395e+04	-9.10e-03	-195.28	0.0	2123.07	1885.82	899.93	5.443e+04	-3459.67	-4.920e+04
		-4.920e+04	-3459.67	-1.61e-03	0.0	15.2	2139.34	1788.31	899.93	5.443e+04	1.024e+04	-2.661e+04
						30.4	2155.65	1690.54	899.93	5.443e+04	2.395e+04	-5511.49
40	15	-3385.32	1.804e+04	-6.68e-03	-150.21	0.0	1700.32	1413.49	687.82	4.251e+04	-2904.10	-3.597e+04
		-3.597e+04	-2904.10	-1.24e-03	0.0	15.2	1712.84	1338.48	687.82	4.251e+04	7569.13	-1.911e+04
						30.4	1725.39	1263.28	687.82	4.251e+04	1.804e+04	-3385.32
40	21	-9852.45	2.170e+04	-9.66e-03	-195.18	0.0	1246.34	1840.16	738.69	4.324e+04	-805.79	-5.302e+04
		-5.302e+04	-805.79	-1.29e-03	0.0	15.2	1262.61	1742.67	738.69	4.324e+04	1.045e+04	-3.069e+04
						30.4	1278.91	1644.98	738.69	4.324e+04	2.170e+04	-9852.45
40	23	-8969.65	1.617e+04	-7.66e-03	-150.11	0.0	703.95	1412.25	525.46	3.006e+04	161.74	-4.228e+04
		-4.228e+04	161.74	-9.02e-04	0.0	15.2	716.46	1337.27	525.46	3.006e+04	8166.38	-2.506e+04
						30.4	729.00	1262.14	525.46	3.006e+04	1.617e+04	-8969.65
40	31	-3956.08	1.756e+04	-6.70e-03	-150.19	0.0	1560.75	1396.89	658.33	4.068e+04	-2491.09	-3.621e+04
		-3.621e+04	-2491.09	-1.18e-03	0.0	15.2	1573.27	1321.89	658.33	4.068e+04	7533.60	-1.951e+04
						30.4	1585.81	1246.70	658.33	4.068e+04	1.756e+04	-3956.08
40	32	-4784.99	1.781e+04	-6.99e-03	-150.19	0.0	1480.99	1426.50	657.58	3.984e+04	-2216.45	-3.788e+04
		-3.788e+04	-2216.45	-1.17e-03	0.0	15.2	1493.50	1351.50	657.58	3.984e+04	7797.06	-2.076e+04
						30.4	1506.05	1276.31	657.58	3.984e+04	1.781e+04	-4784.99
40	35	-7678.97	1.631e+04	-7.35e-03	-150.12	0.0	896.50	1396.07	550.09	3.238e+04	-447.20	-4.042e+04
		-4.042e+04	-447.20	-9.58e-04	0.0	15.2	909.01	1321.08	550.09	3.238e+04	7931.77	-2.348e+04
						30.4	921.55	1245.94	550.09	3.238e+04	1.631e+04	-7678.97
40	37	-6021.15	1.581e+04	-6.79e-03	-150.12	0.0	1056.03	1336.84	551.59	3.405e+04	-996.48	-3.710e+04
		-3.710e+04	-996.48	-9.80e-04	0.0	15.2	1068.54	1261.86	551.59	3.405e+04	7404.85	-2.099e+04
						30.4	1081.08	1186.72	551.59	3.405e+04	1.581e+04	-6021.15
41	7	8.003e+04	-1989.84	0.03	-337.78	0.0	-117.28	-1058.54	-17.98	-3948.01	-1989.84	8.003e+04
		2.733e+04	-2750.44	-4.25e-04	0.0	21.2	-117.28	-1238.40	-17.98	-3948.01	-2370.14	5.547e+04
						42.3	-117.28	-1396.32	-17.98	-3948.01	-2750.44	2.733e+04
41	8	8.232e+04	-2008.77	0.03	-337.78	0.0	-111.30	-1082.31	-17.78	-5849.13	-2008.77	8.232e+04
		2.838e+04	-2760.98	-4.25e-04	0.0	21.2	-111.30	-1262.16	-17.78	-5849.13	-2384.88	5.714e+04
						42.3	-111.30	-1420.09	-17.78	-5849.13	-2760.98	2.838e+04
41	9	5.500e+04	-1275.29	0.02	-232.69	0.0	-63.15	-699.95	-11.21	-5883.12	-1275.29	5.500e+04
		1.958e+04	-1749.64	-2.66e-04	0.0	21.2	-63.15	-822.47	-11.21	-5883.12	-1512.47	3.852e+04
						42.3	-63.15	-932.65	-11.21	-5883.12	-1749.64	1.958e+04
41	23	5.957e+04	-1313.17	0.02	-232.69	0.0	-51.19	-747.49	-10.82	-9685.36	-1313.17	5.957e+04
		2.168e+04	-1770.73	-2.67e-04	0.0	21.2	-51.19	-870.01	-10.82	-9685.36	-1541.95	4.186e+04
						42.3	-51.19	-980.18	-10.82	-9685.36	-1770.73	2.168e+04
41	25	5.594e+04	-1312.00	0.02	-236.59	0.0	-67.05	-716.38	-11.59	-5473.65	-1312.00	5.594e+04
		1.979e+04	-1802.29	-2.75e-04	0.0	21.2	-67.05	-841.17	-11.59	-5473.65	-1557.14	3.912e+04
						42.3	-67.05	-952.97	-11.59	-5473.65	-1802.29	1.979e+04
41	31	6.018e+04	-1477.02	0.02	-254.13	0.0	-84.52	-790.26	-13.28	-3634.81	-1477.02	6.018e+04
		2.072e+04	-2038.83	-3.14e-04	0.0	21.2	-84.52	-925.29	-13.28	-3634.81	-1757.93	4.180e+04
						42.3	-84.52	-1044.40	-13.28	-3634.81	-2038.83	2.072e+04
41	32	6.171e+04	-1489.64	0.02	-254.13	0.0	-80.54	-806.11	-13.15	-4902.22	-1489.64	6.171e+04
		2.142e+04	-2045.86	-3.14e-04	0.0	21.2	-80.54	-941.13	-13.15	-4902.22	-1767.75	4.291e+04
						42.3	-80.54	-1060.24	-13.15	-4902.22	-2045.86	2.142e+04
41	35	5.899e+04	-1337.25	0.02	-236.59	0.0	-59.08	-748.07	-11.33	-8008.47	-1337.25	5.899e+04
		2.119e+04	-1816.35	-2.75e-04	0.0	21.2	-59.08	-872.86	-11.33	-8008.47	-1576.80	4.134e+04
						42.3	-59.08	-984.66	-11.33	-8008.47	-1816.35	2.119e+04
41	37	5.594e+04	-1312.00	0.02	-236.59	0.0	-67.05	-716.38	-11.59	-5473.65	-1312.00	5.594e+04
		1.979e+04	-1802.29	-2.75e-04	0.0	21.2	-67.05	-841.17	-11.59	-5473.65	-1557.14	3.912e+04
						42.3	-67.05	-952.97	-11.59	-5473.65	-1802.29	1.979e+04
42	8	-3.222e+05	1.326e+05	-9.28e-03	-478.11	0.0	-1975.24	7171.52	-1240.95	-1.034e+05	1.326e+05	-5.022e+05
		-5.022e+05	1.014e+05	1.29e-04	0.0	12.3	-1984.95	6932.67	-1240.95	-1.034e+05	1.170e+05	-4.107e+05
						24.6	-1994.68	6693.41	-1240.95	-1.034e+05	1.014e+05	-3.222e+05
42	9	-2.082e+05	8.770e+04	-6.16e-03	-302.11	0.0	-1410.74	4605.72	-794.83	-6.720e+04	8.770e+04	-3.241e+05
		-3.241e+05	6.772e+04	5.66e-05	0.0	12.3	-1416.88	4454.78	-794.83	-6.720e+04	7.771e+04	-2.652e+05

						24.6	-1423.03	4303.61	-794.83	-6.720e+04	6.772e+04	-2.082e+05
42	15	-2.417e+05	9.823e+04	-6.88e-03	-365.78	0.0	-1385.61	5404.97	-933.94	-7.604e+04	9.823e+04	-3.772e+05
		-3.772e+05	7.477e+04	1.12e-04	0.0	12.3	-1393.04	5222.24	-933.94	-7.604e+04	8.650e+04	-3.083e+05
						24.6	-1400.49	5039.19	-933.94	-7.604e+04	7.477e+04	-2.417e+05
42	21	-2.953e+05	1.265e+05	-8.87e-03	-414.44	0.0	-2175.73	6484.55	-1122.93	-9.878e+04	1.265e+05	-4.588e+05
		-4.588e+05	9.824e+04	5.45e-05	0.0	12.3	-2184.15	6277.50	-1122.93	-9.878e+04	1.124e+05	-3.758e+05
						24.6	-2192.59	6070.11	-1122.93	-9.878e+04	9.824e+04	-2.953e+05
42	25	-2.132e+05	8.925e+04	-6.27e-03	-311.54	0.0	-1406.84	4724.21	-815.47	-6.852e+04	8.925e+04	-3.319e+05
		-3.319e+05	6.876e+04	6.48e-05	0.0	12.3	-1413.17	4568.57	-815.47	-6.852e+04	7.900e+04	-2.716e+05
						24.6	-1419.51	4412.67	-815.47	-6.852e+04	6.876e+04	-2.132e+05
42	31	-2.355e+05	9.628e+04	-6.75e-03	-353.99	0.0	-1390.09	5257.05	-908.21	-7.442e+04	9.628e+04	-3.674e+05
		-3.674e+05	7.346e+04	1.02e-04	0.0	12.3	-1397.28	5080.21	-908.21	-7.442e+04	8.487e+04	-3.003e+05
						24.6	-1404.49	4903.06	-908.21	-7.442e+04	7.346e+04	-2.355e+05
42	32	-2.399e+05	9.924e+04	-6.95e-03	-353.99	0.0	-1507.00	5331.91	-922.27	-7.721e+04	9.924e+04	-3.738e+05
		-3.738e+05	7.606e+04	8.91e-05	0.0	12.3	-1514.19	5155.07	-922.27	-7.721e+04	8.765e+04	-3.058e+05
						24.6	-1521.40	4977.92	-922.27	-7.721e+04	7.606e+04	-2.399e+05
42	35	-2.220e+05	9.518e+04	-6.68e-03	-311.54	0.0	-1640.66	4873.94	-843.59	-7.411e+04	9.518e+04	-3.449e+05
		-3.449e+05	7.396e+04	3.95e-05	0.0	12.3	-1647.00	4718.29	-843.59	-7.411e+04	8.457e+04	-2.825e+05
						24.6	-1653.34	4562.39	-843.59	-7.411e+04	7.396e+04	-2.220e+05
42	37	-2.132e+05	8.925e+04	-6.27e-03	-311.54	0.0	-1406.84	4724.21	-815.47	-6.852e+04	8.925e+04	-3.319e+05
		-3.319e+05	6.876e+04	6.48e-05	0.0	12.3	-1413.17	4568.57	-815.47	-6.852e+04	7.900e+04	-2.716e+05
						24.6	-1419.51	4412.67	-815.47	-6.852e+04	6.876e+04	-2.132e+05
43	7	5508.12	2.227e+04	0.02	-2226.50	0.0	2158.79	3289.07	-71.03	-4.047e+04	2.227e+04	-2.088e+05
		-2.088e+05	1.529e+04	-2.26e-03	0.0	49.1	2158.79	2178.69	-71.03	-4.047e+04	1.878e+04	-7.405e+04
						98.3	2158.79	1062.57	-71.03	-4.047e+04	1.529e+04	5508.12
43	8	5478.25	2.221e+04	0.02	-2226.50	0.0	2182.90	3288.65	-70.77	-4.025e+04	2.221e+04	-2.088e+05
		-2.088e+05	1.526e+04	-2.27e-03	0.0	49.1	2182.90	2178.28	-70.77	-4.025e+04	1.874e+04	-7.406e+04
						98.3	2182.90	1062.15	-70.77	-4.025e+04	1.526e+04	5478.25
43	9	3915.69	1.527e+04	0.01	-1386.17	0.0	1324.73	2015.82	-47.71	-2.877e+04	1.527e+04	-1.263e+05
		-1.263e+05	1.058e+04	-1.50e-03	0.0	49.1	1324.73	1324.36	-47.71	-2.877e+04	1.292e+04	-4.405e+04
						98.3	1324.73	629.65	-47.71	-2.877e+04	1.058e+04	3915.69
43	23	3855.95	1.516e+04	0.01	-1386.17	0.0	1372.97	2014.99	-47.20	-2.833e+04	1.516e+04	-1.263e+05
		-1.263e+05	1.052e+04	-1.53e-03	0.0	49.1	1372.97	1323.53	-47.20	-2.833e+04	1.284e+04	-4.407e+04
						98.3	1372.97	628.82	-47.20	-2.833e+04	1.052e+04	3855.95
43	25	3962.06	1.554e+04	0.01	-1433.27	0.0	1373.19	2090.02	-48.71	-2.911e+04	1.554e+04	-1.313e+05
		-1.313e+05	1.075e+04	-1.53e-03	0.0	49.1	1373.19	1375.09	-48.71	-2.911e+04	1.314e+04	-4.591e+04
						98.3	1373.19	656.75	-48.71	-2.911e+04	1.075e+04	3962.06
43	31	4169.44	1.674e+04	0.01	-1644.04	0.0	1589.98	2421.92	-53.18	-3.063e+04	1.674e+04	-1.534e+05
		-1.534e+05	1.151e+04	-1.69e-03	0.0	49.1	1589.98	1601.98	-53.18	-3.063e+04	1.412e+04	-5.424e+04
						98.3	1589.98	777.88	-53.18	-3.063e+04	1.151e+04	4169.44
43	32	4149.53	1.670e+04	0.01	-1644.04	0.0	1606.06	2421.64	-53.01	-3.049e+04	1.670e+04	-1.534e+05
		-1.534e+05	1.149e+04	-1.70e-03	0.0	49.1	1606.06	1601.71	-53.01	-3.049e+04	1.410e+04	-5.425e+04
						98.3	1606.06	777.60	-53.01	-3.049e+04	1.149e+04	4149.53
43	35	3922.24	1.546e+04	0.01	-1433.27	0.0	1405.35	2089.47	-48.37	-2.882e+04	1.546e+04	-1.313e+05
		-1.313e+05	1.071e+04	-1.55e-03	0.0	49.1	1405.35	1374.54	-48.37	-2.882e+04	1.309e+04	-4.592e+04
						98.3	1405.35	656.20	-48.37	-2.882e+04	1.071e+04	3922.24
43	37	3962.06	1.554e+04	0.01	-1433.27	0.0	1373.19	2090.02	-48.71	-2.911e+04	1.554e+04	-1.313e+05
		-1.313e+05	1.075e+04	-1.53e-03	0.0	49.1	1373.19	1375.09	-48.71	-2.911e+04	1.314e+04	-4.591e+04
						98.3	1373.19	656.75	-48.71	-2.911e+04	1.075e+04	3962.06
44	7	5.788e+04	3.003e+04	0.03	-3069.24	0.0	-1328.57	1660.03	-583.84	1.139e+05	3.003e+04	-1.371e+05
		-1.371e+05	-2.338e+05	5.92e-03	0.0	225.9	-1612.68	80.74	-583.84	1.139e+05	-1.019e+05	5.788e+04
						451.8	-1880.72	-1409.21	-583.84	1.139e+05	-2.338e+05	-9.387e+04
44	8	5.877e+04	3.048e+04	0.03	-3069.24	0.0	-1351.12	1668.78	-583.26	1.134e+05	3.048e+04	-1.382e+05
		-1.382e+05	-2.331e+05	5.91e-03	0.0	225.9	-1635.23	89.49	-583.26	1.134e+05	-1.013e+05	5.877e+04
						451.8	-1903.26	-1400.46	-583.26	1.134e+05	-2.331e+05	-9.100e+04
44	9	4.490e+04	1.890e+04	0.02	-2324.24	0.0	-743.73	1267.70	-343.07	6.615e+04	1.890e+04	-1.067e+05
		-1.067e+05	-1.361e+05	3.39e-03	0.0	225.9	-957.32	80.40	-343.07	6.615e+04	-5.860e+04	4.467e+04
						451.8	-1161.85	-1056.54	-343.07	6.615e+04	-1.361e+05	-6.654e+04
44	21	6.041e+04	2.686e+04	0.03	-3033.70	0.0	-1104.17	1668.58	-479.95	9.207e+04	2.686e+04	-1.404e+05
		-1.404e+05	-1.900e+05	4.77e-03	0.0	225.9	-1383.48	115.94	-479.95	9.207e+04	-8.157e+04	5.981e+04
						451.8	-1649.92	-1365.12	-479.95	9.207e+04	-1.900e+05	-8.265e+04
44	25	4.480e+04	1.951e+04	0.02	-2329.54	0.0	-783.83	1269.04	-358.34	6.924e+04	1.951e+04	-1.065e+05
		-1.065e+05	-1.424e+05	3.55e-03	0.0	225.9	-998.13	77.76	-358.34	6.924e+04	-6.145e+04	4.465e+04
						451.8	-1202.90	-1060.50	-358.34	6.924e+04	-1.424e+05	-6.736e+04
44	31	4.455e+04	2.222e+04	0.02	-2353.23	0.0	-963.49	1275.00	-426.82	8.312e+04	2.222e+04	-1.057e+05
		-1.057e+05	-1.706e+05	4.31e-03	0.0	225.9	-1180.99	65.95	-426.82	8.312e+04	-7.421e+04	4.455e+04
						451.8	-1386.83	-1078.23	-426.82	8.312e+04	-1.706e+05	-7.102e+04
44	32	4.515e+04	2.252e+04	0.02	-2353.23	0.0	-978.52	1280.83	-426.43	8.278e+04	2.252e+04	-1.064e+05
		-1.064e+05	-1.702e+05	4.30e-03	0.0	225.9	-1196.03	71.78	-426.43	8.278e+04	-7.382e+04	4.515e+04
						451.8	-1401.86	-1072.40	-426.43	8.278e+04	-1.702e+05	-6.910e+04
44	35	4.631e+04	2.010e+04	0.02	-2329.54	0.0	-813.89	1280.70	-357.56	6.855e+04	2.010e+04	-1.079e+05
		-1.079e+05	-1.415e+05	3.54e-03	0.0	225.9	-1028.20	89.42	-357.56	6.855e+04	-6.068e+04	4.584e+04
						451.8	-1232.96	-1048.84	-357.56	6.855e+04	-1.415e+05	-6.353e+04
44	37	4.480e+04	1.951e+04	0.02	-2329.54	0.0	-783.83	1269.04	-358.34	6.924e+04	1.951e+04	-1.065e+05
		-1.065e+05	-1.424e+05	3.55e-03	0.0	225.9	-998.13	77.76	-358.34	6.924e+04	-6.145e+04	4.465e+04
						451.8	-1202.90	-1060.50	-358.34	6.924e+04	-1.424e+05	-6.736e+04
45	1	1.948e+04	-1.877e+04	5.00e-03	-272.91	0.0	-507.56	953.35	624.13	-1.068e+05	-4.497e+04	-2.070e+04

		-2.070e+04	-4.497e+04	4.26e-04	0.0	21.0	-515.69	817.00	624.13	-1.068e+05	-3.187e+04	820.11
						42.0	-523.83	680.44	624.13	-1.068e+05	-1.877e+04	1.948e+04
45	7	2.168e+04	-2.274e+04	4.91e-03	-273.02	0.0	-656.13	953.13	771.39	-1.303e+05	-5.512e+04	-1.967e+04
		-1.967e+04	-5.512e+04	5.06e-04	0.0	21.0	-664.26	816.75	771.39	-1.303e+05	-3.893e+04	2441.18
						42.0	-672.41	680.11	771.39	-1.303e+05	-2.274e+04	2.168e+04
45	8	2.491e+04	-2.314e+04	5.48e-03	-273.02	0.0	-667.55	938.78	754.54	-1.289e+05	-5.481e+04	-1.574e+04
		-1.574e+04	-5.481e+04	5.12e-04	0.0	21.0	-675.68	802.41	754.54	-1.289e+05	-3.897e+04	6014.99
						42.0	-683.83	665.76	754.54	-1.289e+05	-2.314e+04	2.491e+04
45	9	1.440e+04	-1.340e+04	3.87e-03	-209.90	0.0	-351.28	733.44	441.31	-7.598e+04	-3.192e+04	-1.620e+04
		-1.620e+04	-3.192e+04	3.07e-04	0.0	21.0	-357.53	628.57	441.31	-7.598e+04	-2.266e+04	204.44
						42.0	-363.80	523.54	441.31	-7.598e+04	-1.340e+04	1.440e+04
45	22	2.690e+04	-2.133e+04	6.11e-03	-272.96	0.0	-595.99	924.64	655.48	-1.144e+05	-4.885e+04	-1.239e+04
		-1.239e+04	-4.885e+04	4.73e-04	0.0	21.0	-604.12	788.28	655.48	-1.144e+05	-3.509e+04	8684.99
						42.0	-612.27	651.68	655.48	-1.144e+05	-2.133e+04	2.690e+04
45	25	1.473e+04	-1.399e+04	3.85e-03	-209.92	0.0	-373.41	733.39	463.23	-7.948e+04	-3.343e+04	-1.604e+04
		-1.604e+04	-3.343e+04	3.19e-04	0.0	21.0	-379.66	628.51	463.23	-7.948e+04	-2.371e+04	445.46
						42.0	-385.93	523.47	463.23	-7.948e+04	-1.399e+04	1.473e+04
45	31	1.620e+04	-1.663e+04	3.79e-03	-209.99	0.0	-472.45	733.24	561.41	-9.514e+04	-4.020e+04	-1.535e+04
		-1.535e+04	-4.020e+04	3.72e-04	0.0	21.0	-478.71	628.34	561.41	-9.514e+04	-2.841e+04	1526.17
						42.0	-484.98	523.25	561.41	-9.514e+04	-1.663e+04	1.620e+04
45	32	1.835e+04	-1.690e+04	4.18e-03	-209.99	0.0	-480.07	723.67	550.18	-9.422e+04	-3.999e+04	-1.274e+04
		-1.274e+04	-3.999e+04	3.76e-04	0.0	21.0	-486.32	618.78	550.18	-9.422e+04	-2.844e+04	3908.71
						42.0	-492.59	513.68	550.18	-9.422e+04	-1.690e+04	1.835e+04
45	36	1.968e+04	-1.569e+04	4.59e-03	-209.95	0.0	-432.36	714.25	484.13	-8.456e+04	-3.602e+04	-1.050e+04
		-1.050e+04	-3.602e+04	3.50e-04	0.0	21.0	-438.62	609.36	484.13	-8.456e+04	-2.585e+04	5688.71
						42.0	-444.88	504.30	484.13	-8.456e+04	-1.569e+04	1.968e+04
45	37	1.473e+04	-1.399e+04	3.85e-03	-209.92	0.0	-373.41	733.39	463.23	-7.948e+04	-3.343e+04	-1.604e+04
		-1.604e+04	-3.343e+04	3.19e-04	0.0	21.0	-379.66	628.51	463.23	-7.948e+04	-2.371e+04	445.46
						42.0	-385.93	523.47	463.23	-7.948e+04	-1.399e+04	1.473e+04
46	1	1.104e+05	1.502e+05	-0.10	-3501.46	0.0	-431.14	1624.38	204.02	2.046e+04	4.074e+04	-8.906e+04
		-1.620e+05	4.074e+04	-0.01	0.0	268.3	-146.93	-140.71	204.02	2.046e+04	9.548e+04	1.094e+05
						536.7	132.65	-1877.08	204.02	2.046e+04	1.502e+05	-1.620e+05
46	7	1.118e+05	1.801e+05	-0.11	-3515.75	0.0	-455.95	1636.41	241.91	2.525e+04	5.031e+04	-8.923e+04
		-1.608e+05	5.031e+04	-0.01	0.0	268.3	-170.02	-139.40	241.91	2.525e+04	1.152e+05	1.108e+05
						536.7	110.14	-1879.33	241.91	2.525e+04	1.801e+05	-1.608e+05
46	8	1.118e+05	1.797e+05	-0.11	-3515.75	0.0	-459.48	1635.99	242.63	2.513e+04	4.952e+04	-8.911e+04
		-1.609e+05	4.952e+04	-0.01	0.0	268.3	-173.55	-139.82	242.63	2.513e+04	1.146e+05	1.108e+05
						536.7	106.61	-1879.75	242.63	2.513e+04	1.797e+05	-1.609e+05
46	21	1.104e+05	1.494e+05	-0.10	-3501.46	0.0	-438.20	1623.55	205.46	2.023e+04	3.915e+04	-8.883e+04
		-1.622e+05	3.915e+04	-0.01	0.0	268.3	-153.99	-141.55	205.46	2.023e+04	9.429e+04	1.094e+05
						536.7	125.59	-1877.92	205.46	2.023e+04	1.494e+05	-1.622e+05
46	23	8.459e+04	1.069e+05	-0.08	-2689.67	0.0	-332.18	1245.51	148.40	1.425e+04	2.723e+04	-6.823e+04
		-1.251e+05	2.723e+04	-8.62e-03	0.0	268.3	-114.02	-109.43	148.40	1.425e+04	6.705e+04	8.375e+04
						536.7	100.89	-1444.15	148.40	1.425e+04	1.069e+05	-1.251e+05
46	25	8.477e+04	1.121e+05	-0.08	-2691.80	0.0	-328.81	1248.14	152.60	1.519e+04	3.024e+04	-6.848e+04
		-1.248e+05	3.024e+04	-9.18e-03	0.0	268.3	-110.39	-108.39	152.60	1.519e+04	7.119e+04	8.396e+04
						536.7	104.61	-1443.65	152.60	1.519e+04	1.121e+05	-1.248e+05
46	31	8.570e+04	1.321e+05	-0.08	-2701.32	0.0	-345.35	1256.17	177.86	1.838e+04	3.662e+04	-6.860e+04
		-1.240e+05	3.662e+04	-0.01	0.0	268.3	-125.78	-107.52	177.86	1.838e+04	8.435e+04	8.493e+04
						536.7	89.60	-1445.15	177.86	1.838e+04	1.321e+05	-1.240e+05
46	32	8.571e+04	1.318e+05	-0.08	-2701.32	0.0	-347.70	1255.89	178.34	1.831e+04	3.609e+04	-6.852e+04
		-1.240e+05	3.609e+04	-0.01	0.0	268.3	-128.13	-107.80	178.34	1.831e+04	8.395e+04	8.493e+04
						536.7	87.25	-1445.43	178.34	1.831e+04	1.318e+05	-1.240e+05
46	35	8.479e+04	1.116e+05	-0.08	-2691.80	0.0	-333.52	1247.59	153.56	1.504e+04	2.918e+04	-6.833e+04
		-1.249e+05	2.918e+04	-9.06e-03	0.0	268.3	-115.09	-108.95	153.56	1.504e+04	7.039e+04	8.396e+04
						536.7	99.90	-1444.21	153.56	1.504e+04	1.116e+05	-1.249e+05
46	37	8.477e+04	1.121e+05	-0.08	-2691.80	0.0	-328.81	1248.14	152.60	1.519e+04	3.024e+04	-6.848e+04
		-1.248e+05	3.024e+04	-9.18e-03	0.0	268.3	-110.39	-108.39	152.60	1.519e+04	7.119e+04	8.396e+04
						536.7	104.61	-1443.65	152.60	1.519e+04	1.121e+05	-1.248e+05
47	7	8.133e+04	2.016e+05	-0.05	-3153.77	0.0	-5681.08	1416.44	-952.22	-2.639e+04	2.016e+05	-6.005e+04
		-1.489e+05	-2.395e+05	5.91e-03	0.0	231.6	-5396.41	-207.35	-952.22	-2.639e+04	-1.895e+04	7.818e+04
						463.3	-5128.19	-1737.33	-952.22	-2.639e+04	-2.395e+05	-1.489e+05
47	8	8.175e+04	2.021e+05	-0.05	-3153.77	0.0	-5659.68	1412.64	-952.36	-2.621e+04	2.021e+05	-5.886e+04
		-1.494e+05	-2.391e+05	5.86e-03	0.0	231.6	-5375.01	-211.15	-952.36	-2.621e+04	-1.851e+04	7.849e+04
						463.3	-5106.79	-1741.13	-952.36	-2.621e+04	-2.391e+05	-1.494e+05
47	21	7.972e+04	1.700e+05	-0.05	-3116.45	0.0	-4692.94	1377.39	-795.25	-2.094e+04	1.700e+05	-5.657e+04
		-1.520e+05	-1.985e+05	4.77e-03	0.0	231.6	-4413.18	-218.40	-795.25	-2.094e+04	-1.426e+04	7.622e+04
						463.3	-4146.59	-1739.06	-795.25	-2.094e+04	-1.985e+05	-1.520e+05
47	23	6.087e+04	1.224e+05	-0.04	-2387.42	0.0	-3351.03	1049.48	-570.37	-1.469e+04	1.224e+05	-4.268e+04
		-1.177e+05	-1.419e+05	3.38e-03	0.0	231.6	-3137.12	-170.68	-570.37	-1.469e+04	-9760.67	5.809e+04
						463.3	-2932.49	-1337.95	-570.37	-1.469e+04	-1.419e+05	-1.177e+05
47	31	6.203e+04	1.480e+05	-0.04	-2417.87	0.0	-4164.82	1082.74	-698.34	-1.919e+04	1.480e+05	-4.595e+04
		-1.149e+05	-1.755e+05	4.32e-03	0.0	231.6	-3946.91	-160.25	-698.34	-1.919e+04	-1.375e+04	5.958e+04
						463.3	-3740.94	-1335.14	-698.34	-1.919e+04	-1.755e+05	-1.149e+05
47	32	6.231e+04	1.483e+05	-0.04	-2417.87	0.0	-4150.55	1080.20	-698.44	-1.908e+04	1.483e+05	-4.516e+04
		-1.153e+05	-1.752e+05	4.29e-03	0.0	231.6	-3932.64	-162.78	-698.44	-1.908e+04	-1.345e+04	5.979e+04
						463.3	-3726.67	-1337.67	-698.44	-1.908e+04	-1.752e+05	-1.153e+05

47	35	6.095e+04	1.269e+05	-0.04	-2392.99	0.0	-3506.06	1056.70	-593.69	-1.556e+04	1.269e+05	-4.363e+04
		-1.170e+05	-1.481e+05	3.56e-03	0.0	231.6	-3291.42	-167.62		-593.69	-1.556e+04	-1.062e+04
						463.3	-3086.54	-1336.29		-593.69	-1.556e+04	-1.481e+05
47	37	6.039e+04	1.263e+05	-0.04	-2392.99	0.0	-3534.59	1061.77	-593.49	-1.580e+04	1.263e+05	-4.522e+04
		-1.162e+05	-1.487e+05	3.62e-03	0.0	231.6	-3319.95	-162.56		-593.49	-1.580e+04	-1.120e+04
						463.3	-3115.07	-1331.22		-593.49	-1.580e+04	-1.487e+05
49	7	9.906e+04	3792.52	-0.09	-3260.02	0.0	-164.10	1573.16	135.62	-4.626e+04	-6.416e+04	-9.088e+04
		-1.194e+05	-6.416e+04	4.76e-03	0.0	250.5	82.66	-56.85		135.62	-4.626e+04	-3.018e+04
						501.1	329.43	-1686.86		135.62	-4.626e+04	3792.52
49	8	9.895e+04	4200.95	-0.09	-3260.02	0.0	-172.03	1571.95	136.51	-4.618e+04	-6.420e+04	-9.068e+04
		-1.198e+05	-6.420e+04	4.74e-03	0.0	250.5	74.74	-58.06		136.51	-4.618e+04	-3.000e+04
						501.1	321.51	-1688.07		136.51	-4.618e+04	4200.95
49	21	9.713e+04	4891.04	-0.08	-3252.08	0.0	-210.60	1552.13	120.49	-3.952e+04	-5.548e+04	-8.803e+04
		-1.251e+05	-5.548e+04	3.94e-03	0.0	250.5	35.57	-73.92		120.49	-3.952e+04	-2.529e+04
						501.1	281.74	-1699.96		120.49	-3.952e+04	4891.04
49	31	7.583e+04	2977.57	-0.07	-2505.98	0.0	-132.88	1206.08	100.64	-3.416e+04	-4.745e+04	-6.937e+04
		-9.288e+04	-4.745e+04	3.50e-03	0.0	250.5	56.81	-46.92		100.64	-3.416e+04	-2.224e+04
						501.1	246.50	-1299.91		100.64	-3.416e+04	2977.57
49	32	7.576e+04	3249.85	-0.07	-2505.98	0.0	-138.16	1205.27	101.24	-3.410e+04	-4.748e+04	-6.924e+04
		-9.315e+04	-4.748e+04	3.48e-03	0.0	250.5	51.53	-47.72		101.24	-3.410e+04	-2.211e+04
						501.1	241.22	-1300.71		101.24	-3.410e+04	3249.85
49	35	7.454e+04	3709.91	-0.06	-2500.69	0.0	-163.88	1192.05	90.56	-2.966e+04	-4.166e+04	-6.748e+04
		-9.668e+04	-4.166e+04	2.95e-03	0.0	250.5	25.41	-58.29		90.56	-2.966e+04	-1.898e+04
						501.1	214.70	-1308.64		90.56	-2.966e+04	3709.91
49	37	7.468e+04	3165.34	-0.06	-2500.69	0.0	-153.31	1193.66	89.37	-2.977e+04	-4.161e+04	-6.774e+04
		-9.614e+04	-4.161e+04	2.98e-03	0.0	250.5	35.98	-56.69		89.37	-2.977e+04	-1.922e+04
						501.1	225.27	-1307.03		89.37	-2.977e+04	3165.34
50	7	3.625e+05	3.897e+04	-0.43	-9322.70	0.0	-664.42	4084.01	-105.10	-9669.76	3.897e+04	-1.587e+05
		-4.833e+05	-2.182e+04	-3.39e-03	0.0	289.2	-664.42	-553.05		-105.10	-9669.76	8577.50
						578.5	-664.42	-5238.69		-105.10	-9669.76	-2.182e+04
50	8	3.625e+05	3.895e+04	-0.43	-9322.70	0.0	-665.43	4084.04	-105.10	-9691.61	3.895e+04	-1.587e+05
		-4.833e+05	-2.184e+04	-3.38e-03	0.0	289.2	-665.43	-553.02		-105.10	-9691.61	8555.34
						578.5	-665.43	-5238.66		-105.10	-9691.61	-2.184e+04
50	9	2.268e+05	2.437e+04	-0.27	-5832.37	0.0	-431.56	2556.09	-67.01	-5751.69	2.437e+04	-9.933e+04
		-3.023e+05	-1.439e+04	-2.01e-03	0.0	289.2	-431.56	-346.41		-67.01	-5751.69	4990.30
						578.5	-431.56	-3276.28		-67.01	-5751.69	-1.439e+04
50	25	2.343e+05	2.518e+04	-0.28	-6025.16	0.0	-443.01	2640.39	-69.00	-5994.60	2.518e+04	-1.026e+05
		-3.123e+05	-1.473e+04	-2.09e-03	0.0	289.2	-443.01	-357.79		-69.00	-5994.60	5221.96
						578.5	-443.01	-3384.77		-69.00	-5994.60	-1.473e+04
50	31	2.679e+05	2.880e+04	-0.32	-6889.96	0.0	-494.38	3018.53	-77.94	-7083.85	2.880e+04	-1.173e+05
		-3.572e+05	-1.628e+04	-2.48e-03	0.0	289.2	-494.38	-408.82		-77.94	-7083.85	6260.16
						578.5	-494.38	-3871.43		-77.94	-7083.85	-1.628e+04
50	32	2.679e+05	2.879e+04	-0.32	-6889.96	0.0	-495.06	3018.54	-77.94	-7098.41	2.879e+04	-1.173e+05
		-3.572e+05	-1.630e+04	-2.47e-03	0.0	289.2	-495.06	-408.80		-77.94	-7098.41	6245.38
						578.5	-495.06	-3871.42		-77.94	-7098.41	-1.630e+04
50	37	2.343e+05	2.518e+04	-0.28	-6025.16	0.0	-443.01	2640.39	-69.00	-5994.60	2.518e+04	-1.026e+05
		-3.123e+05	-1.473e+04	-2.09e-03	0.0	289.2	-443.01	-357.79		-69.00	-5994.60	5221.96
						578.5	-443.01	-3384.77		-69.00	-5994.60	-1.473e+04
51	7	4096.41	-2602.99	-0.02	-759.45	0.0	-189.64	2669.96	19.88	-1.184e+04	-3444.09	-9.201e+04
		-9.201e+04	-3444.09	-2.43e-04	0.0	21.2	-189.64	2289.57		19.88	-1.184e+04	3023.54
						42.3	-189.64	1910.51		19.88	-1.184e+04	-2602.99
51	8	3838.53	-2726.61	-0.02	-759.45	0.0	-193.52	2719.24	20.68	-1.105e+04	-3601.54	-9.447e+04
		-9.447e+04	-3601.54	-2.37e-04	0.0	21.2	-193.52	2338.85		20.68	-1.105e+04	-3164.07
						42.3	-193.52	1959.79		20.68	-1.105e+04	-2726.61
51	9	1957.90	-1788.56	-0.01	-470.07	0.0	-122.31	1750.46	13.06	-6804.35	-2341.17	-6.176e+04
		-6.176e+04	-2341.17	-1.44e-04	0.0	21.2	-122.31	1515.04		13.06	-6804.35	-2064.86
						42.3	-122.31	1280.38		13.06	-6804.35	-1788.56
51	25	2129.01	-1819.14	-0.01	-486.47	0.0	-125.70	1794.03	13.38	-7134.49	-2385.29	-6.306e+04
		-6.306e+04	-2385.29	-1.50e-04	0.0	21.2	-125.70	1550.40		13.38	-7134.49	-2102.22
						42.3	-125.70	1307.56		13.38	-7134.49	-1819.14
51	31	2900.73	-1957.49	-0.02	-560.24	0.0	-140.93	1990.13	14.83	-8623.36	-2584.69	-6.888e+04
		-6.888e+04	-2584.69	-1.78e-04	0.0	21.2	-140.93	1709.53		14.83	-8623.36	-2271.09
						42.3	-140.93	1429.89		14.83	-8623.36	-1957.49
51	32	2728.81	-2039.90	-0.02	-560.24	0.0	-143.52	2022.98	15.36	-8100.84	-2689.65	-7.052e+04
		-7.052e+04	-2689.65	-1.74e-04	0.0	21.2	-143.52	1742.38		15.36	-8100.84	-2364.78
						42.3	-143.52	1462.75		15.36	-8100.84	-2039.90
51	37	2129.01	-1819.14	-0.01	-486.47	0.0	-125.70	1794.03	13.38	-7134.49	-2385.29	-6.306e+04
		-6.306e+04	-2385.29	-1.50e-04	0.0	21.2	-125.70	1550.40		13.38	-7134.49	-2102.22
						42.3	-125.70	1307.56		13.38	-7134.49	-1819.14
52	7	1.730e+05	1.076e+04	-0.09	-7728.59	0.0	415.13	4053.77	-16.34	2997.67	1.076e+04	-2.291e+05
		-2.812e+05	3989.85	-2.02e-03	0.0	207.2	415.13	-180.45		-16.34	2997.67	7375.35
						414.5	415.13	-3674.82		-16.34	2997.67	3989.85
52	8	1.705e+05	1.178e+04	-0.08	-7728.59	0.0	342.28	4044.77	-25.84	2284.92	1.178e+04	-2.298e+05
		-2.856e+05	1075.32	-1.76e-03	0.0	207.2	342.28	-189.46		-25.84	2284.92	6429.01
						414.5	342.28	-3683.82		-25.84	2284.92	1075.32
52	22	1.506e+05	1.281e+04	-0.07	-7093.49	0.0	168.47	3687.14	-42.85	663.28	1.281e+04	-2.126e+05
		-2.705e+05	-4953.48	-1.10e-03	0.0	207.2	168.47	-188.38		-42.85	663.28	3926.74

						414.5	168.47	-3406.35	-42.85	663.28	-4953.48-2.705e+05
52	23	9.605e+04	1.032e+04	-0.04	-4772.03	0.0	-12.84	2456.53	-45.42	-797.12	1.032e+04-1.446e+05
		-1.891e+05	-8506.26	-3.99e-04	0.0	207.2	-12.84	-138.03	-45.42	-797.12	905.14 9.605e+04
						414.5	-12.84	-2315.50	-45.42	-797.12	-8506.26-1.891e+05
52	31	1.264e+05	8277.30	-0.06	-5698.34	0.0	280.11	2982.87	-15.48	1952.97	8277.30-1.693e+05
		-2.087e+05	1860.02	-1.39e-03	0.0	207.2	280.11	-134.87	-15.48	1952.97	5068.66 1.264e+05
						414.5	280.11	-2715.47	-15.48	1952.97	1860.02-2.087e+05
52	32	1.247e+05	8958.53	-0.06	-5698.34	0.0	231.55	2976.87	-21.82	1477.80	8958.53-1.698e+05
		-2.117e+05	-83.00	-1.22e-03	0.0	207.2	231.55	-140.88	-21.82	1477.80	4437.76 1.247e+05
						414.5	231.55	-2721.47	-21.82	1477.80	-83.00-2.117e+05
52	35	1.024e+05	9634.67	-0.05	-4941.39	0.0	62.65	2555.50	-37.08	-79.58	9634.67-1.490e+05
		-1.913e+05	-5732.77	-5.94e-04	0.0	207.2	62.65	-134.71	-37.08	-79.58	1950.95 1.024e+05
						414.5	62.65	-2385.89	-37.08	-79.58	-5732.77-1.913e+05
52	36	1.114e+05	9641.37	-0.05	-5274.94	0.0	115.67	2738.45	-33.16	396.71	9641.37-1.583e+05
		-2.016e+05	-4102.20	-7.85e-04	0.0	207.2	115.67	-140.16	-33.16	396.71	2769.58 1.114e+05
						414.5	115.67	-2536.49	-33.16	396.71	-4102.20-2.016e+05
52	37	1.058e+05	8272.22	-0.05	-4941.39	0.0	159.78	2567.51	-24.42	870.75	8272.22-1.480e+05
		-1.854e+05	-1846.74	-8.95e-04	0.0	207.2	159.78	-122.71	-24.42	870.75	3212.74 1.058e+05
						414.5	159.78	-2373.88	-24.42	870.75	-1846.74-1.854e+05
53	8	-3.302e+05	-1.358e+05	0.02	-405.60	0.0	-360.42	4379.33	552.20	3.616e+04	-1.489e+05-4.333e+05
		-4.333e+05	-1.489e+05	1.61e-03	0.0	11.6	-360.42	4206.51	552.20	3.616e+04	-1.424e+05-3.805e+05
						23.2	-360.42	3973.72	552.20	3.616e+04	-1.358e+05-3.302e+05
53	9	-1.993e+05	-8.088e+04	0.01	-251.85	0.0	-210.20	2682.72	335.94	2.463e+04	-8.888e+04-2.625e+05
		-2.625e+05	-8.888e+04	9.40e-04	0.0	11.6	-210.20	2573.69	335.94	2.463e+04	-8.488e+04-2.301e+05
						23.2	-210.20	2430.87	335.94	2.463e+04	-8.088e+04-1.993e+05
53	25	-2.070e+05	-8.424e+04	0.01	-260.54	0.0	-217.24	2780.11	347.81	2.508e+04	-9.252e+04-2.724e+05
		-2.724e+05	-9.252e+04	9.83e-04	0.0	11.6	-217.24	2667.63	347.81	2.508e+04	-8.838e+04-2.389e+05
						23.2	-217.24	2519.57	347.81	2.508e+04	-8.424e+04-2.070e+05
53	32	-2.426e+05	-9.952e+04	0.02	-299.35	0.0	-264.56	3225.30	406.59	2.715e+04	-1.092e+05-2.386e+05
		-3.186e+05	-1.092e+05	1.18e-03	0.0	11.6	-264.56	3097.40	406.59	2.715e+04	-1.044e+05-2.797e+05
						23.2	-264.56	2925.95	406.59	2.715e+04	-9.952e+04-2.426e+05
53	37	-2.070e+05	-8.424e+04	0.01	-260.54	0.0	-217.24	2780.11	347.81	2.508e+04	-9.252e+04-2.724e+05
		-2.724e+05	-9.252e+04	9.83e-04	0.0	11.6	-217.24	2667.63	347.81	2.508e+04	-8.838e+04-2.389e+05
						23.2	-217.24	2519.57	347.81	2.508e+04	-8.424e+04-2.070e+05
54	7	7.698e+04	1.070e+04	-4.12e-03	-754.40	0.0	650.80	517.13	-23.70	1.596e+04	1.070e+04 6.809e+04
		6.809e+04	9734.74	-3.99e-04	0.0	20.4	650.80	140.56	-23.70	1.596e+04	1.022e+04 7.593e+04
						40.8	650.80	-237.27	-23.70	1.596e+04	9734.74 7.609e+04
54	8	7.779e+04	1.021e+04	-4.17e-03	-754.40	0.0	647.38	511.83	-17.82	1.807e+04	1.021e+04 6.885e+04
		6.885e+04	9482.58	-3.83e-04	0.0	20.4	647.38	135.26	-17.82	1.807e+04	9845.71 7.673e+04
						40.8	647.38	-242.57	-17.82	1.807e+04	9482.58 7.693e+04
54	9	4.886e+04	5520.90	-2.58e-03	-465.68	0.0	374.12	309.00	-6.23	1.289e+04	5520.90 4.338e+04
		4.338e+04	5266.80	-2.15e-04	0.0	20.4	374.12	76.51	-6.23	1.289e+04	5393.85 4.822e+04
						40.8	374.12	-156.68	-6.23	1.289e+04	5266.80 4.831e+04
54	23	5.050e+04	4762.50	-2.68e-03	-465.68	0.0	367.28	298.40	5.52	1.712e+04	4537.52 4.491e+04
		4.491e+04	4537.52	-1.84e-04	0.0	20.4	367.28	65.92	5.52	1.712e+04	4650.01 4.982e+04
						40.8	367.28	-167.27	5.52	1.712e+04	4762.50 4.999e+04
54	25	5.035e+04	5911.04	-2.66e-03	-482.14	0.0	392.32	321.73	-7.96	1.280e+04	5911.04 4.468e+04
		4.468e+04	5586.54	-2.28e-04	0.0	20.4	392.32	81.03	-7.96	1.280e+04	5748.79 4.968e+04
						40.8	392.32	-160.41	-7.96	1.280e+04	5586.54 4.978e+04
54	31	5.704e+04	7661.74	-3.05e-03	-556.24	0.0	474.04	379.16	-15.71	1.240e+04	7661.74 5.049e+04
		5.049e+04	7021.53	-2.87e-04	0.0	20.4	474.04	101.50	-15.71	1.240e+04	7341.64 5.627e+04
						40.8	474.04	-177.08	-15.71	1.240e+04	7021.53 5.639e+04
54	32	5.758e+04	7333.95	-3.08e-03	-556.24	0.0	471.76	375.63	-11.79	1.381e+04	7333.95 5.100e+04
		5.100e+04	6853.43	-2.77e-04	0.0	20.4	471.76	97.97	-11.79	1.381e+04	7093.69 5.680e+04
						40.8	471.76	-180.61	-11.79	1.381e+04	6853.43 5.694e+04
54	35	5.144e+04	5255.45	-2.73e-03	-482.14	0.0	387.76	314.67	-0.13	1.562e+04	5255.45 4.569e+04
		4.569e+04	5250.34	-2.07e-04	0.0	20.4	387.76	73.97	-0.13	1.562e+04	5252.89 5.075e+04
						40.8	387.76	-167.48	-0.13	1.562e+04	5250.34 5.090e+04
54	37	5.035e+04	5911.04	-2.66e-03	-482.14	0.0	392.32	321.73	-7.96	1.280e+04	5911.04 4.468e+04
		4.468e+04	5586.54	-2.28e-04	0.0	20.4	392.32	81.03	-7.96	1.280e+04	5748.79 4.968e+04
						40.8	392.32	-160.41	-7.96	1.280e+04	5586.54 4.978e+04
55	7	4.615e+04	5840.93	-0.04	-2599.00	0.0	249.23	891.29	33.11	-8709.32	-6857.58-5.339e+04
		-1.035e+05	-6857.58	-2.83e-03	0.0	191.8	203.11	8.15	33.11	-8709.32	-508.32 4.615e+04
						383.5	113.51	-1707.70	33.11	-8709.32	5840.93-1.035e+05
55	8	4.426e+04	5791.33	-0.04	-2599.00	0.0	273.54	888.28	33.27	-8594.20	-6968.84-5.471e+04
		-1.060e+05	-6968.84	-2.77e-03	0.0	191.8	227.42	5.14	33.27	-8594.20	-588.76 4.426e+04
						383.5	137.82	-1710.72	33.27	-8594.20	5791.33-1.060e+05
55	15	3.522e+04	4467.20	-0.03	-1988.80	0.0	191.93	682.59	25.34	-6653.55	-5252.55-4.094e+04
		-7.930e+04	-5252.55	-2.16e-03	0.0	191.8	156.59	5.86	25.34	-6653.55	-392.67 3.522e+04
						383.5	88.07	-1306.20	25.34	-6653.55	4467.20-7.930e+04
55	21	3.356e+04	4920.85	-0.03	-2265.89	0.0	303.12	789.24	29.42	-7019.31	-6362.82-5.174e+04
		-9.839e+04	-6362.82	-2.21e-03	0.0	191.8	261.35	-10.62	29.42	-7019.31	-720.98 3.356e+04
						383.5	184.79	-1476.64	29.42	-7019.31	4920.85-9.839e+04
55	31	3.359e+04	4315.25	-0.03	-1927.11	0.0	192.88	664.82	24.60	-6383.33	-5119.73-4.014e+04
		-7.744e+04	-5119.73	-2.06e-03	0.0	191.8	158.34	3.51	24.60	-6383.33	-402.24 3.359e+04
						383.5	92.25	-1262.29	24.60	-6383.33	4315.25-7.744e+04
55	32	3.233e+04	4282.17	-0.03	-1927.11	0.0	209.08	662.81	24.71	-6306.58	-5193.91-4.102e+04

		-7.909e+04	-5193.91	-2.02e-03	0.0	191.8	174.55	1.50	24.71	-6306.58	-455.87	3.233e+04
						383.5	108.45	-1264.30	24.71	-6306.58	4282.17	-7.909e+04
55	35	2.520e+04	3701.86	-0.02	-1705.03	0.0	228.80	596.78	22.14	-5256.65	-4789.89	-3.904e+04
		-7.404e+04	-4789.89	-1.65e-03	0.0	191.8	197.17	-9.01	22.14	-5256.65	-544.02	2.520e+04
						383.5	139.77	-1108.25	22.14	-5256.65	3701.86	-7.404e+04
55	37	2.772e+04	3768.00	-0.02	-1705.03	0.0	196.39	600.80	21.93	-5410.16	-4641.54	-3.729e+04
		-7.074e+04	-4641.54	-1.73e-03	0.0	191.8	164.76	-4.99	21.93	-5410.16	-436.77	2.772e+04
						383.5	107.36	-1104.23	21.93	-5410.16	3768.00	-7.074e+04
56	7	-8.979e+04	6527.48	-5.26e-03	-470.33	0.0	2034.24	-3083.68	-349.14	2.065e+04	6527.48	-8.979e+04
		-1.665e+05	-1550.40	-3.39e-04	0.0	11.6	2034.24	-3318.80	-349.14	2.065e+04	2488.54	-1.268e+05
						23.2	2034.24	-3554.01	-349.14	2.065e+04	-1550.40	-1.665e+05
56	8	-8.852e+04	6612.67	-4.86e-03	-470.33	0.0	1952.80	-3147.08	-351.37	2.080e+04	6612.67	-8.852e+04
		-1.667e+05	-1518.61	-3.21e-04	0.0	11.6	1952.80	-3382.21	-351.37	2.080e+04	2547.03	-1.263e+05
						23.2	1952.80	-3617.41	-351.37	2.080e+04	-1518.61	-1.667e+05
56	23	-5.163e+04	4311.86	-1.54e-03	-288.34	0.0	965.73	-2151.91	-224.96	1.318e+04	4311.86	-5.163e+04
		-1.049e+05	-901.03	-1.38e-04	0.0	11.6	965.73	-2296.05	-224.96	1.318e+04	1705.42	-1.049e+05
						23.2	965.73	-2440.25	-224.96	1.318e+04	-901.03	-1.049e+05
56	31	-6.594e+04	4836.32	-3.68e-03	-346.34	0.0	1473.08	-2299.07	-258.46	1.525e+04	4836.32	-6.594e+04
		-1.231e+05	-1144.35	-2.42e-04	0.0	11.6	1473.08	-2472.21	-258.46	1.525e+04	1845.99	-9.352e+04
						23.2	1473.08	-2645.41	-258.46	1.525e+04	-1144.35	-1.231e+05
56	32	-6.509e+04	4893.11	-3.42e-03	-346.34	0.0	1418.79	-2341.34	-259.94	1.535e+04	4893.11	-6.509e+04
		-1.233e+05	-1123.15	-2.31e-04	0.0	11.6	1418.79	-2514.48	-259.94	1.535e+04	1884.98	-9.317e+04
						23.2	1418.79	-2687.68	-259.94	1.535e+04	-1123.15	-1.233e+05
56	35	-5.463e+04	4381.69	-2.05e-03	-298.95	0.0	1082.95	-2159.76	-230.43	1.351e+04	4381.69	-5.463e+04
		-1.081e+05	-955.73	-1.62e-04	0.0	11.6	1082.95	-2309.21	-230.43	1.351e+04	1712.98	-8.051e+04
						23.2	1082.95	-2458.70	-230.43	1.351e+04	-955.73	-1.081e+05
56	37	-5.633e+04	4268.11	-2.58e-03	-298.95	0.0	1191.53	-2075.22	-227.46	1.330e+04	4268.11	-5.633e+04
		-1.078e+05	-998.12	-1.86e-04	0.0	11.6	1191.53	-2224.67	-227.46	1.330e+04	1635.00	-8.121e+04
						23.2	1191.53	-2374.16	-227.46	1.330e+04	-998.12	-1.078e+05
57	7	4.064e+04	9171.35	-0.01	-744.40	0.0	416.27	1632.79	15.14	2.257e+04	8587.45	-1.004e+04
		-1.004e+04	8587.45	-6.46e-04	0.0	20.4	416.27	1261.21	15.14	2.257e+04	8879.40	1.909e+04
						40.8	416.27	888.39	15.14	2.257e+04	9171.35	4.064e+04
57	8	4.073e+04	8663.19	-0.01	-744.40	0.0	414.83	1648.40	11.92	2.438e+04	8201.34	-1.078e+04
		-1.078e+04	8201.34	-6.17e-04	0.0	20.4	414.83	1276.82	11.92	2.438e+04	8432.26	1.877e+04
						40.8	414.83	904.00	11.92	2.438e+04	8663.19	4.073e+04
57	22	3.767e+04	6890.05	-0.01	-683.77	0.0	369.81	1546.08	2.47	2.594e+04	6793.23	-1.134e+04
		-1.134e+04	6793.23	-5.02e-04	0.0	20.4	369.81	1204.75	2.47	2.594e+04	6841.64	1.665e+04
						40.8	369.81	862.31	2.47	2.594e+04	6890.05	3.767e+04
57	23	2.560e+04	3948.17	-7.68e-03	-460.05	0.0	236.47	1067.90	-6.44	2.054e+04	3948.17	-8836.77
		-8836.77	3698.55	-2.80e-04	0.0	20.4	236.47	838.23	-6.44	2.054e+04	3823.36	1.072e+04
						40.8	236.47	607.85	-6.44	2.054e+04	3698.55	2.560e+04
57	31	3.003e+04	6562.97	-8.75e-03	-548.99	0.0	303.22	1209.98	9.21	1.726e+04	6209.00	-7650.18
		-7650.18	6209.00	-4.64e-04	0.0	20.4	303.22	935.94	9.21	1.726e+04	6385.99	1.399e+04
						40.8	303.22	660.99	9.21	1.726e+04	6562.97	3.003e+04
57	32	3.009e+04	6224.20	-8.82e-03	-548.99	0.0	302.27	1220.38	7.06	1.847e+04	5951.59	-8143.17
		-8143.17	5951.59	-4.44e-04	0.0	20.4	302.27	946.34	7.06	1.847e+04	6087.90	1.377e+04
						40.8	302.27	671.40	7.06	1.847e+04	6224.20	3.009e+04
57	35	2.638e+04	4478.11	-7.84e-03	-476.22	0.0	249.05	1088.95	-2.63	1.940e+04	4478.11	-8391.98
		-8391.98	4374.65	-3.23e-04	0.0	20.4	249.05	851.21	-2.63	1.940e+04	4426.38	1.142e+04
						40.8	249.05	612.73	-2.63	1.940e+04	4374.65	2.638e+04
57	36	2.805e+04	5042.11	-8.31e-03	-508.56	0.0	272.26	1152.17	0.76	1.951e+04	5012.85	-8515.66
		-8515.66	5012.85	-3.68e-04	0.0	20.4	272.26	898.29	0.76	1.951e+04	5027.48	1.236e+04
						40.8	272.26	643.61	0.76	1.951e+04	5042.11	2.805e+04
57	37	2.625e+04	5052.20	-7.69e-03	-476.22	0.0	250.96	1068.13	1.67	1.698e+04	4992.93	-7406.00
		-7406.00	4992.93	-3.62e-04	0.0	20.4	250.96	830.39	1.67	1.698e+04	5022.56	1.185e+04
						40.8	250.96	591.91	1.67	1.698e+04	5052.20	2.625e+04
58	8	-9.403e+04	-3484.31	-0.02	-764.77	0.0	-157.72	3967.24	-2.77	1.122e+04	-3484.31	-2.471e+05
		-2.471e+05	-3601.53	-1.88e-04	0.0	21.2	-157.72	3584.19	-2.77	1.122e+04	-3542.92	-1.665e+05
						42.3	-157.72	3202.47	-2.77	1.122e+04	-3601.53	-9.403e+04
58	9	-6.151e+04	-2212.44	-9.91e-03	-473.07	0.0	-102.84	2551.39	-3.04	8239.99	-2212.44	-1.604e+05
		-1.604e+05	-2341.16	-1.11e-04	0.0	21.2	-102.84	2314.48	-3.04	8239.99	-2276.80	-1.084e+05
						42.3	-102.84	2078.32	-3.04	8239.99	-2341.16	-6.151e+04
58	25	-6.278e+04	-2266.21	-0.01	-489.62	0.0	-104.94	2614.90	-2.81	8084.04	-2266.21	-1.640e+05
		-1.640e+05	-2385.28	-1.17e-04	0.0	21.2	-104.94	2369.70	-2.81	8084.04	-2325.75	-1.108e+05
						42.3	-104.94	2125.28	-2.81	8084.04	-2385.28	-6.278e+04
58	32	-7.021e+04	-2589.19	-0.01	-564.10	0.0	-117.74	2951.14	-2.37	8662.11	-2589.19	-1.842e+05
		-1.842e+05	-2689.65	-1.37e-04	0.0	21.2	-117.74	2668.60	-2.37	8662.11	-2639.42	-1.242e+05
						42.3	-117.74	2387.04	-2.37	8662.11	-2689.65	-7.021e+04
58	37	-6.278e+04	-2266.21	-0.01	-489.62	0.0	-104.94	2614.90	-2.81	8084.04	-2266.21	-1.640e+05
		-1.640e+05	-2385.28	-1.17e-04	0.0	21.2	-104.94	2369.70	-2.81	8084.04	-2325.75	-1.108e+05
						42.3	-104.94	2125.28	-2.81	8084.04	-2385.28	-6.278e+04
59	7	6.813e+04	7375.59	6.05e-03	-764.43	0.0	469.71	-503.93	-68.02	2.935e+04	7375.59	6.813e+04
		3.555e+04	4603.27	-1.80e-04	0.0	20.4	469.71	-885.52	-68.02	2.935e+04	5989.43	5.573e+04
						40.8	469.71	-1268.36	-68.02	2.935e+04	4603.27	3.555e+04
59	8	6.895e+04	7231.52	6.11e-03	-764.43	0.0	473.45	-530.89	-67.23	3.142e+04	7231.52	6.895e+04
		3.556e+04	4491.63	-1.68e-04	0.0	20.4	473.45	-912.47	-67.23	3.142e+04	5861.57	5.615e+04
						40.8	473.45	-1295.32	-67.23	3.142e+04	4491.63	3.556e+04

59	9	4.307e+04 2.142e+04	4053.36 2486.10	3.86e-03 -9.41e-05	-471.32 0.0	0.0 20.4	283.20 283.20	-358.31 -593.62	-38.45 -38.45	2.084e+04 2.084e+04	4053.36 3269.73	4.307e+04 3.465e+04
						40.8	283.20	-829.63	-38.45	2.084e+04	2486.10	2.142e+04
59	23	4.472e+04 2.143e+04	3765.21 2262.82	3.99e-03 -7.05e-05	-471.32 0.0	0.0 20.4	290.69 290.69	-412.22 -647.53	-36.86 -36.86	2.497e+04 2.497e+04	3765.21 3014.02	4.472e+04 3.548e+04
						40.8	290.69	-883.54	-36.86	2.497e+04	2262.82	2.143e+04
59	25	4.441e+04 2.227e+04	4286.63 2638.04	3.98e-03 -1.01e-04	-488.09 0.0	0.0 20.4	294.44 294.44	-362.54 -606.21	-40.45 -40.45	2.109e+04 2.109e+04	4286.63 3462.34	4.441e+04 3.583e+04
						40.8	294.44	-850.62	-40.45	2.109e+04	2638.04	2.227e+04
59	31	5.045e+04 2.610e+04	5333.10 3319.29	4.49e-03 -1.29e-04	-563.52 0.0	0.0 20.4	344.90 344.90	-381.48 -662.78	-49.41 -49.41	2.221e+04 2.221e+04	5333.10 4326.19	5.045e+04 4.114e+04
						40.8	344.90	-945.00	-49.41	2.221e+04	3319.29	2.610e+04
59	32	5.099e+04 2.611e+04	5237.05 3244.86	4.53e-03 -1.21e-04	-563.52 0.0	0.0 20.4	347.40 347.40	-399.45 -680.75	-48.88 -48.88	2.359e+04 2.359e+04	5237.05 4240.96	5.099e+04 4.142e+04
						40.8	347.40	-962.97	-48.88	2.359e+04	3244.86	2.611e+04
59	35	4.551e+04 2.228e+04	4094.53 2489.19	4.06e-03 -8.48e-05	-488.09 0.0	0.0 20.4	299.43 299.43	-398.48 -642.15	-39.39 -39.39	2.384e+04 2.384e+04	4094.53 3291.86	4.551e+04 3.638e+04
						40.8	299.43	-886.56	-39.39	2.384e+04	2489.19	2.228e+04
59	37	4.441e+04 2.227e+04	4286.63 2638.04	3.98e-03 -1.01e-04	-488.09 0.0	0.0 20.4	294.44 294.44	-362.54 -606.21	-40.45 -40.45	2.109e+04 2.109e+04	4286.63 3462.34	4.441e+04 3.583e+04
						40.8	294.44	-850.62	-40.45	2.109e+04	2638.04	2.227e+04
60	7	-6.433e+05 -1.053e+06	-3.972e+05 -5.553e+05	-0.02 -2.67e-03	-647.72 0.0	0.0 15.8	67.85 67.85	1.147e+04 1.115e+04	4792.88 4792.88	4.447e+04 4.447e+04	-5.553e+05 -4.762e+05	-1.053e+06 -8.455e+05
						31.7	67.85	1.082e+04	4792.88	4.447e+04	-3.972e+05	-6.433e+05
60	15	-4.913e+05 -8.041e+05	-3.034e+05 -4.241e+05	-0.01 -2.04e-03	-494.99 0.0	0.0 15.8	52.73 52.73	8762.54 8515.00	3660.26 3660.26	3.404e+04 3.404e+04	-4.241e+05 -3.637e+05	-8.041e+05 -6.457e+05
						31.7	52.73	8267.55	3660.26	3.404e+04	-3.034e+05	-4.913e+05
60	21	-5.330e+05 -8.752e+05	-3.297e+05 -4.606e+05	-0.01 -2.22e-03	-549.61 0.0	0.0 15.8	105.39 105.39	9613.50 9338.64	3971.03 3971.03	3.578e+04 3.578e+04	-4.606e+05 -3.952e+05	-8.752e+05 -7.020e+05
						31.7	105.39	9063.89	3971.03	3.578e+04	-3.297e+05	-5.330e+05
60	23	-3.811e+05 -6.266e+05	-2.359e+05 -3.295e+05	-8.80e-03 -1.59e-03	-396.89 0.0	0.0 15.8	90.27 90.27	6905.70 6707.22	2838.41 2838.41	2.534e+04 2.534e+04	-3.295e+05 -2.827e+05	-6.266e+05 -5.022e+05
						31.7	90.27	6508.82	2838.41	2.534e+04	-2.359e+05	-3.811e+05
60	31	-4.713e+05 -7.718e+05	-2.911e+05 -4.069e+05	-0.01 -1.96e-03	-476.92 0.0	0.0 15.8	56.35 56.35	8419.85 8181.34	3510.07 3510.07	3.310e+04 3.310e+04	-4.069e+05 -3.490e+05	-7.718e+05 -6.197e+05
						31.7	56.35	7942.92	3510.07	3.310e+04	-2.911e+05	-4.713e+05
60	35	-3.978e+05 -6.535e+05	-2.461e+05 -3.438e+05	-9.21e-03 -1.65e-03	-411.52 0.0	0.0 15.8	81.37 81.37	7181.95 6976.15	2962.17 2962.17	2.730e+04 2.730e+04	-3.438e+05 -2.950e+05	-6.535e+05 -5.240e+05
						31.7	81.37	6770.43	2962.17	2.730e+04	-2.461e+05	-3.978e+05
60	37	-3.992e+05 -6.552e+05	-2.469e+05 -3.448e+05	-9.24e-03 -1.64e-03	-411.52 0.0	0.0 15.8	69.23 69.23	7180.94 6975.14	2967.23 2967.23	2.969e+04 2.969e+04	-3.448e+05 -2.958e+05	-6.552e+05 -5.255e+05
						31.7	69.23	6769.42	2967.23	2.969e+04	-2.469e+05	-3.992e+05
61	7	5.708e+05 -9.120e+05	2.743e+05 -1.092e+05	-0.48 0.03	-1.713e+04 0.0	0.0 274.6	1250.86 1250.86	7632.44 -1022.38	-698.20 -698.20	1.233e+04 1.233e+04	2.743e+05 8.257e+04	-3.529e+05 5.543e+05
						549.2	1250.86	-9502.29	-698.20	1.233e+04	-9.120e+05	5.708e+05
61	8	5.705e+05 -9.125e+05	2.741e+05 -1.091e+05	-0.48 0.03	-1.713e+04 0.0	0.0 274.6	1232.04 1232.04	7631.84 -1022.97	-697.68 -697.68	1.227e+04 1.227e+04	2.741e+05 8.250e+04	-6.535e+05 5.540e+05
						549.2	1232.04	-9502.88	-697.68	1.227e+04	-9.125e+05	5.705e+05
61	23	3.385e+05 -5.459e+05	1.623e+05 -6.492e+04	-0.29 0.02	-1.021e+04 0.0	0.0 274.6	715.55 715.55	4538.67 -613.63	-413.63 -413.63	7487.64 7487.64	1.623e+05 3.284e+05	-2.103e+05 5.459e+05
						549.2	715.55	-5667.34	-413.63	7487.64	-6.492e+04	-5.459e+05
61	31	4.181e+05 -6.686e+05	2.009e+05 -8.000e+04	-0.35 0.02	-1.256e+04 0.0	0.0 274.6	918.25 918.25	5591.26 -749.87	-511.35 -511.35	9092.24 9092.24	2.009e+05 6.043e+04	-2.585e+05 4.059e+05
						549.2	918.25	-6964.02	-511.35	9092.24	-8.000e+04	-6.686e+05
61	32	4.179e+05 -6.690e+05	2.007e+05 -7.995e+04	-0.35 0.02	-1.256e+04 0.0	0.0 274.6	905.70 905.70	5590.87 -750.26	-511.00 -511.00	9050.71 9050.71	2.007e+05 6.038e+04	-2.586e+05 4.057e+05
						549.2	905.70	-6964.41	-511.00	9050.71	-7.995e+04	-6.690e+05
61	35	3.531e+05 -5.682e+05	1.694e+05 -6.769e+04	-0.30 0.02	-1.063e+04 0.0	0.0 274.6	758.27 758.27	4730.96 -638.32	-431.62 -431.62	7799.13 7799.13	1.694e+05 5.084e+04	-2.190e+05 3.427e+05
						549.2	758.27	-5903.81	-431.62	7799.13	-6.769e+04	-5.682e+05
61	37	3.535e+05 -5.675e+05	1.697e+05 -6.778e+04	-0.30 0.02	-1.063e+04 0.0	0.0 274.6	783.37 783.37	4731.75 -637.52	-432.30 -432.30	7882.18 7882.18	1.697e+05 5.093e+04	-2.188e+05 3.431e+05
						549.2	783.37	-5903.02	-432.30	7882.18	-6.778e+04	-5.675e+05
63	7	5.146e+04 -9.596e+04	2.735e+05 8716.00	-0.01 -6.47e-03	-2440.88 0.0	0.0 189.1	-1274.85 -1128.60	1379.48 159.04	-700.23 -700.23	1.645e+05 1.645e+05	2.735e+05 1.411e+05	-9.596e+04 4.951e+04
						378.2	-982.35	-1061.40	-700.23	1.645e+05	8716.00	-3.581e+04
63	8	4.960e+04 -1.017e+05	2.800e+05 8917.92	0.01 -6.65e-03	-2440.88 0.0	0.0 189.1	-1263.98 -1117.73	1397.59 177.15	-716.71 -716.71	1.683e+05 1.683e+05	2.800e+05 1.444e+05	-1.017e+05 4.722e+04
						378.2	-971.48	-1043.29	-716.71	1.683e+05	8917.92	-3.468e+04
63	9	3.939e+04 -7.494e+04	1.799e+05 5839.73	-9.49e-03 -4.37e-03	-1877.60 0.0	0.0 189.1	-797.59 -685.09	1065.52 126.72	-460.32 -460.32	1.082e+05 1.082e+05	1.799e+05 5839.73	-7.494e+04 -2.702e+04
						378.2	-572.59	-812.08	-460.32	1.082e+05	5839.73	-2.702e+04
63	21	4.756e+04 -1.085e+05	2.569e+05 8281.75	0.01 -6.25e-03	-2440.88 0.0	0.0 189.1	-1075.84 -929.59	1419.95 199.51	-657.30 -657.30	1.543e+05 1.543e+05	2.569e+05 1.326e+05	-1.085e+05 4.465e+04
						378.2	-783.34	-1020.94	-657.30	1.543e+05	8281.75	-3.302e+04
63	23	3.568e+04 -8.636e+04	1.928e+05 6243.56	8.11e-03 -4.74e-03	-1877.60 0.0	0.0 189.1	-775.86 -663.36	1101.74 162.94	-493.26 -493.26	1.158e+05 1.158e+05	1.928e+05 9.952e+04	-8.636e+04 3.321e+04

						378.2	-550.86	-775.86	-493.26	1.158e+05	6243.56-2.474e+04
63	25	3.942e+04	1.843e+05	-9.45e-03	-1877.60	0.0	-823.98	1064.89	-471.59	1.108e+05	1.843e+05-7.478e+04
		-7.478e+04	5964.20	-4.46e-03	0.0	189.1	-711.48	126.09	-471.59	1.108e+05	9.514e+04 3.783e+04
						378.2	-598.98	-812.71	-471.59	1.108e+05	5964.20-2.709e+04
63	31	3.955e+04	2.040e+05	-9.27e-03	-1877.60	0.0	-942.17	1062.06	-522.18	1.227e+05	2.040e+05-7.405e+04
		-7.405e+04	6522.92	-4.85e-03	0.0	189.1	-829.67	123.26	-522.18	1.227e+05	1.053e+05 3.802e+04
						378.2	-717.17	-815.54	-522.18	1.227e+05	6522.92-2.744e+04
63	32	3.831e+04	2.083e+05	8.43e-03	-1877.60	0.0	-934.92	1074.13	-533.16	1.252e+05	2.083e+05-7.786e+04
		-7.786e+04	6657.53	-4.97e-03	0.0	189.1	-822.42	135.33	-533.16	1.252e+05	1.075e+05 3.650e+04
						378.2	-709.92	-803.47	-533.16	1.252e+05	6657.53-2.668e+04
63	35	3.694e+04	1.929e+05	8.04e-03	-1877.60	0.0	-809.50	1089.04	-493.56	1.159e+05	1.929e+05-8.240e+04
		-8.240e+04	6233.42	-4.70e-03	0.0	189.1	-697.00	150.24	-493.56	1.159e+05	9.957e+04 3.478e+04
						378.2	-584.50	-788.57	-493.56	1.159e+05	6233.42-2.558e+04
63	37	3.942e+04	1.843e+05	-9.45e-03	-1877.60	0.0	-823.98	1064.89	-471.59	1.108e+05	1.843e+05-7.478e+04
		-7.478e+04	5964.20	-4.46e-03	0.0	189.1	-711.48	126.09	-471.59	1.108e+05	9.514e+04 3.783e+04
						378.2	-598.98	-812.71	-471.59	1.108e+05	5964.20-2.709e+04
64	8	-2.064e+05	-8.514e+04	-0.04	-422.66	0.0	1850.03	6971.06	-694.97	-8.129e+04	-8.514e+04-3.882e+05
		-3.882e+05	-1.018e+05	1.83e-03	0.0	12.0	1850.03	6759.74	-694.97	-8.129e+04	-9.347e+04-2.960e+05
						24.0	1850.03	6548.40	-694.97	-8.129e+04	-1.018e+05-2.064e+05
64	9	-1.324e+05	-5.484e+04	-0.03	-262.16	0.0	1214.27	4468.14	-446.27	-5.934e+04	-5.484e+04-2.494e+05
		-2.494e+05	-6.554e+04	1.16e-03	0.0	12.0	1214.27	4337.07	-446.27	-5.934e+04	-6.019e+04-1.901e+05
						24.0	1214.27	4205.99	-446.27	-5.934e+04	-6.554e+04-1.324e+05
64	25	-1.357e+05	-5.615e+04	-0.03	-271.22	0.0	1237.60	4580.54	-457.31	-5.902e+04	-5.615e+04-2.555e+05
		-2.555e+05	-6.711e+04	1.19e-03	0.0	12.0	1237.60	4444.94	-457.31	-5.902e+04	-6.163e+04-1.948e+05
						24.0	1237.60	4309.32	-457.31	-5.902e+04	-6.711e+04-1.357e+05
64	32	-1.535e+05	-6.338e+04	-0.03	-311.89	0.0	1382.81	5183.18	-516.93	-6.228e+04	-6.338e+04-2.888e+05
		-2.888e+05	-7.577e+04	1.35e-03	0.0	12.0	1382.81	5027.24	-516.93	-6.228e+04	-6.957e+04-2.202e+05
						24.0	1382.81	4871.29	-516.93	-6.228e+04	-7.577e+04-1.535e+05
64	37	-1.357e+05	-5.615e+04	-0.03	-271.22	0.0	1237.60	4580.54	-457.31	-5.902e+04	-5.615e+04-2.555e+05
		-2.555e+05	-6.711e+04	1.19e-03	0.0	12.0	1237.60	4444.94	-457.31	-5.902e+04	-6.163e+04-1.948e+05
						24.0	1237.60	4309.32	-457.31	-5.902e+04	-6.711e+04-1.357e+05
65	7	3.741e+04	4603.26	8.63e-03	-769.46	0.0	281.26	-1079.19	-71.61	3.301e+04	4603.26 3.741e+04
		-1.845e+04	1684.56	-1.23e-04	0.0	20.4	281.26	-1463.29	-71.61	3.301e+04	3143.91 1.340e+04
						40.8	281.26	-1848.65	-71.61	3.301e+04	1684.56-1.845e+04
65	8	3.755e+04	4491.62	8.70e-03	-769.46	0.0	286.11	-1117.13	-71.33	3.482e+04	4491.62 3.755e+04
		-1.961e+04	1584.56	-1.13e-04	0.0	20.4	286.11	-1501.23	-71.33	3.482e+04	3038.09 1.289e+04
						40.8	286.11	-1886.59	-71.33	3.482e+04	1584.56-1.961e+04
65	9	2.273e+04	2486.10	5.42e-03	-474.16	0.0	175.24	-731.17	-41.41	2.261e+04	2486.10 2.273e+04
		-1.409e+04	798.23	-6.30e-05	0.0	20.4	175.24	-967.89	-41.41	2.261e+04	1642.16 6732.94
						40.8	175.24	-1205.32	-41.41	2.261e+04	798.23-1.409e+04
65	22	3.444e+04	3810.20	8.11e-03	-706.04	0.0	268.78	-1101.70	-63.66	3.512e+04	3810.20 3.444e+04
		-2.072e+04	1215.51	-8.48e-05	0.0	20.4	268.78	-1454.16	-63.66	3.512e+04	2512.85 1.046e+04
						40.8	268.78	-1807.74	-63.66	3.512e+04	1215.51-2.072e+04
65	23	2.301e+04	2262.82	5.56e-03	-474.16	0.0	184.93	-807.04	-40.84	2.622e+04	2262.82 2.301e+04
		-1.641e+04	598.24	-4.19e-05	0.0	20.4	184.93	-1043.76	-40.84	2.622e+04	1430.53 5716.42
						40.8	184.93	-1281.19	-40.84	2.622e+04	598.24-1.641e+04
65	25	2.360e+04	2638.04	5.60e-03	-491.07	0.0	181.15	-745.40	-43.38	2.301e+04	2638.04 2.360e+04
		-1.411e+04	869.98	-6.76e-05	0.0	20.4	181.15	-990.56	-43.38	2.301e+04	1754.01 7245.99
						40.8	181.15	-1236.47	-43.38	2.301e+04	869.98-1.411e+04
65	31	2.750e+04	3319.29	6.38e-03	-567.18	0.0	207.72	-809.36	-52.21	2.481e+04	3319.29 2.750e+04
		-1.417e+04	1191.20	-8.80e-05	0.0	20.4	207.72	-1092.49	-52.21	2.481e+04	2255.24 9555.65
						40.8	207.72	-1376.54	-52.21	2.481e+04	1191.20-1.417e+04
65	32	2.760e+04	3244.86	6.43e-03	-567.18	0.0	210.95	-834.65	-52.02	2.601e+04	3244.86 2.760e+04
		-1.495e+04	1124.54	-8.10e-05	0.0	20.4	210.95	-1117.78	-52.02	2.601e+04	2184.70 9216.81
						40.8	210.95	-1401.83	-52.02	2.601e+04	1124.54-1.495e+04
65	35	2.379e+04	2489.19	5.69e-03	-491.07	0.0	187.61	-795.98	-43.00	2.542e+04	2489.19 2.379e+04
		-1.565e+04	736.65	-5.35e-05	0.0	20.4	187.61	-1041.14	-43.00	2.542e+04	1612.92 6568.31
						40.8	187.61	-1287.04	-43.00	2.542e+04	736.65-1.565e+04
65	36	2.552e+04	2790.57	6.04e-03	-524.90	0.0	199.40	-824.37	-46.91	2.621e+04	2790.57 2.552e+04
		-1.568e+04	878.50	-6.25e-05	0.0	20.4	199.40	-1086.41	-46.91	2.621e+04	1834.54 7595.35
						40.8	199.40	-1349.26	-46.91	2.621e+04	878.50-1.568e+04
65	37	2.360e+04	2638.04	5.60e-03	-491.07	0.0	181.15	-745.40	-43.38	2.301e+04	2638.04 2.360e+04
		-1.411e+04	869.98	-6.76e-05	0.0	20.4	181.15	-990.56	-43.38	2.301e+04	1754.01 7245.99
						40.8	181.15	-1236.47	-43.38	2.301e+04	869.98-1.411e+04
66	7	-2.068e+05	5.877e+04	-0.12	-216.71	0.0	-997.83	4191.71	-1710.27	-1.176e+04	5.877e+04-3.889e+05
		-3.889e+05	-1.752e+04	2.45e-03	0.0	22.3	-985.62	4083.51	-1710.27	-1.176e+04	2.062e+04-2.967e+05
						44.6	-973.38	3975.00	-1710.27	-1.176e+04	-1.752e+04-2.068e+05
66	8	-2.143e+05	5.928e+04	-0.12	-216.71	0.0	-1027.07	4296.39	-1714.06	-1.717e+04	5.928e+04-4.011e+05
		-4.011e+05	-1.717e+04	2.44e-03	0.0	22.3	-1014.87	4188.20	-1714.06	-1.717e+04	2.106e+04-3.065e+05
						44.6	-1002.63	4079.69	-1714.06	-1.717e+04	-1.717e+04-2.143e+05
66	9	-1.374e+05	3.528e+04	-0.07	-166.57	0.0	-659.69	2772.43	-1031.39	-1.568e+04	3.528e+04-2.573e+05
		-2.573e+05	-1.073e+04	1.48e-03	0.0	22.3	-650.31	2689.23	-1031.39	-1.568e+04	1.228e+04-1.964e+05
						44.6	-640.90	2605.86	-1031.39	-1.568e+04	-1.073e+04-1.374e+05
66	25	-1.405e+05	3.671e+04	-0.07	-166.58	0.0	-675.29	2837.63	-1072.40	-1.472e+04	3.671e+04-2.633e+05
		-2.633e+05	-1.112e+04	1.54e-03	0.0	22.3	-665.91	2754.43	-1072.40	-1.472e+04	1.279e+04-2.010e+05
						44.6	-656.50	2671.04	-1072.40	-1.472e+04	-1.112e+04-1.405e+05
66	31	-1.545e+05	4.312e+04	-0.09	-166.67	0.0	-744.86	3129.35	-1255.83	-1.044e+04	4.312e+04-2.904e+05

		-2.904e+05 -1.290e+04	1.80e-03	0.0	22.3	-735.47	3046.13	-1255.83 -1.044e+04	1.511e+04 -2.215e+05
					44.6	-726.06	2962.68	-1255.83 -1.044e+04 -1.290e+04	-1.545e+05
66	32	-1.595e+05 4.346e+04	-0.09	-166.67	0.0	-764.35	3199.14	-1258.35 -1.405e+04	4.346e+04 -2.985e+05
		-2.985e+05 -1.266e+04	1.79e-03	0.0	22.3	-754.97	3115.93	-1258.35 -1.405e+04	1.540e+04 -2.280e+05
					44.6	-745.55	3032.47	-1258.35 -1.405e+04 -1.266e+04	-1.595e+05
66	37	-1.405e+05 3.671e+04	-0.07	-166.58	0.0	-675.29	2837.63	-1072.40 -1.472e+04	3.671e+04 -2.633e+05
		-2.633e+05 -1.112e+04	1.54e-03	0.0	22.3	-665.91	2754.43	-1072.40 -1.472e+04	1.279e+04 -2.010e+05
					44.6	-656.50	2671.04	-1072.40 -1.472e+04 -1.112e+04	-1.405e+05
67	7	5.732e+05 5.411e+05	0.54 -1.464e+04	0.0	353.57	4972.63	-1700.58	1.417e+04 5.411e+05	1.123e+05
		-1.153e+06 -3.863e+05	0.09	0.0	272.7	353.57	-2307.80	-1700.58 1.417e+04	7.737e+04 4.773e+05
					545.4	353.57	-9664.91	-1700.58 1.417e+04 -3.863e+05	-1.153e+06
67	8	5.723e+05 5.395e+05	0.54 -1.464e+04	0.0	359.59	4978.38	-1695.84	1.403e+04 5.395e+05	1.104e+05
		-1.152e+06 -3.854e+05	0.09	0.0	272.7	359.59	-2302.04	-1695.84 1.403e+04	7.705e+04 4.771e+05
					545.4	359.59	-9659.15	-1695.84 1.403e+04 -3.854e+05	-1.152e+06
67	9	3.438e+05 3.237e+05	0.32 -8796.14	0.0	229.88	2996.10	-1016.68	7264.84 3.237e+05	6.556e+04
		-6.912e+05 -2.308e+05	0.06	0.0	272.7	229.88	-1380.38	-1016.68 7264.84	4.645e+04 2.868e+05
					545.4	229.88	-5800.05	-1016.68 7264.84 -2.308e+05	-6.912e+05
67	25	3.578e+05 3.370e+05	0.34 -9151.46	0.0	235.98	3115.67	-1058.71	7789.69 3.370e+05	6.856e+04
		-7.194e+05 -2.404e+05	0.06	0.0	272.7	235.98	-1437.33	-1058.71 7789.69	4.833e+04 2.984e+05
					545.4	235.98	-6035.79	-1058.71 7789.69 -2.404e+05	-7.194e+05
67	31	4.205e+05 3.968e+05	0.40 -1.074e+04	0.0	263.11	3650.79	-1246.85	1.014e+04 3.968e+05	8.198e+04
		-8.459e+05 -2.832e+05	0.07	0.0	272.7	263.11	-1692.21	-1246.85 1.014e+04	5.677e+04 3.503e+05
					545.4	263.11	-7090.88	-1246.85 1.014e+04 -2.832e+05	-8.459e+05
67	32	4.199e+05 3.957e+05	0.39 -1.074e+04	0.0	267.12	3654.63	-1243.70	1.004e+04 3.957e+05	8.076e+04
		-8.451e+05 -2.826e+05	0.07	0.0	272.7	267.12	-1688.37	-1243.70 1.004e+04	5.656e+04 3.501e+05
					545.4	267.12	-7087.04	-1243.70 1.004e+04 -2.826e+05	-8.451e+05
67	37	3.578e+05 3.370e+05	0.34 -9151.46	0.0	235.98	3115.67	-1058.71	7789.69 3.370e+05	6.856e+04
		-7.194e+05 -2.404e+05	0.06	0.0	272.7	235.98	-1437.33	-1058.71 7789.69	4.833e+04 2.984e+05
					545.4	235.98	-6035.79	-1058.71 7789.69 -2.404e+05	-7.194e+05
68	7	1.356e+05 -1747.63	0.01	-513.19	0.0	-140.22	-189.82	1.32	878.50 -1803.64 1.356e+05
		1.162e+05 -1803.64	-3.80e-04	0.0	21.2	-140.22	-457.38	1.32	878.50 -1775.63 1.286e+05
					42.3	-140.22	-703.01	1.32	878.50 -1747.63 1.162e+05
68	8	1.391e+05 -1776.61	0.01	-513.19	0.0	-137.01	-193.31	1.70	17.50 -1848.50 1.391e+05
		1.194e+05 -1848.50	-3.80e-04	0.0	21.2	-137.01	-460.87	1.70	17.50 -1812.55 1.320e+05
					42.3	-137.01	-706.50	1.70	17.50 -1776.61 1.194e+05
68	9	9.144e+04 -1132.70	8.82e-03	-331.44	0.0	-81.23	-111.05	1.30	-1406.01 -1187.83 9.144e+04
		7.918e+04 -1187.83	-2.37e-04	0.0	21.2	-81.23	-282.94	1.30	-1406.01 -1160.27 8.706e+04
					42.3	-81.23	-442.49	1.30	-1406.01 -1132.70 7.918e+04
68	23	9.838e+04 -1190.65	9.42e-03	-331.44	0.0	-74.80	-118.02	2.05	-3128.01 -1277.55 9.838e+04
		8.556e+04 -1277.55	-2.37e-04	0.0	21.2	-74.80	-289.91	2.05	-3128.01 -1234.10 9.372e+04
					42.3	-74.80	-449.46	2.05	-3128.01 -1190.65 8.556e+04
68	25	9.329e+04 -1163.10	9.03e-03	-340.54	0.0	-85.07	-116.07	1.26	-1106.43 -1216.49 9.329e+04
		8.065e+04 -1216.49	-2.45e-04	0.0	21.2	-85.07	-292.84	1.26	-1106.43 -1189.79 8.877e+04
					42.3	-85.07	-456.61	1.26	-1106.43 -1163.10 8.065e+04
68	31	1.016e+05 -1299.90	9.96e-03	-381.47	0.0	-102.27	-138.67	1.08	238.42 -1345.52 1.016e+05
		8.726e+04 -1345.52	-2.81e-04	0.0	21.2	-102.27	-337.37	1.08	238.42 -1322.71 9.645e+04
					42.3	-102.27	-520.14	1.08	238.42 -1299.90 8.726e+04
68	32	1.039e+05 -1319.21	0.01	-381.47	0.0	-100.12	-141.00	1.33	-335.58 -1375.43 1.039e+05
		8.939e+04 -1375.43	-2.81e-04	0.0	21.2	-100.12	-339.69	1.33	-335.58 -1347.32 9.867e+04
					42.3	-100.12	-522.47	1.33	-335.58 -1319.21 8.939e+04
68	35	9.791e+04 -1201.74	9.43e-03	-340.54	0.0	-80.78	-120.72	1.76	-2254.43 -1276.29 9.791e+04
		8.491e+04 -1276.29	-2.45e-04	0.0	21.2	-80.78	-297.48	1.76	-2254.43 -1239.02 9.321e+04
					42.3	-80.78	-461.26	1.76	-2254.43 -1201.74 8.491e+04
68	37	9.329e+04 -1163.10	9.03e-03	-340.54	0.0	-85.07	-116.07	1.26	-1106.43 -1216.49 9.329e+04
		8.065e+04 -1216.49	-2.45e-04	0.0	21.2	-85.07	-292.84	1.26	-1106.43 -1189.79 8.877e+04
					42.3	-85.07	-456.61	1.26	-1106.43 -1163.10 8.065e+04
69	8	-1.950e+05 -9.135e+04	7.59e-03	-466.13	0.0	-619.11	2699.56	888.76	1.192e+04 -1.120e+05 -2.533e+05
		-2.533e+05 -1.120e+05	5.91e-04	0.0	11.6	-619.11	2466.54	888.76	1.192e+04 -1.017e+05 -2.228e+05
					23.2	-619.11	2233.43	888.76	1.192e+04 -9.135e+04 -1.950e+05
69	9	-1.159e+05 -5.424e+04	4.07e-03	-285.97	0.0	-372.61	1659.57	535.99	9676.74 -6.671e+04 -1.519e+05
		-1.519e+05 -6.671e+04	3.32e-04	0.0	11.6	-372.61	1516.60	535.99	9676.74 -6.048e+04 -1.331e+05
					23.2	-372.61	1373.59	535.99	9676.74 -5.424e+04 -1.159e+05
69	23	-1.180e+05 -5.397e+04	3.62e-03	-285.97	0.0	-400.49	1701.46	553.66	1.199e+04 -6.686e+04 -1.552e+05
		-1.552e+05 -6.686e+04	3.15e-04	0.0	11.6	-400.49	1558.50	553.66	1.199e+04 -6.041e+04 -1.358e+05
					23.2	-400.49	1415.49	553.66	1.199e+04 -5.397e+04 -1.180e+05
69	25	-1.207e+05 -5.657e+04	4.35e-03	-296.45	0.0	-385.97	1717.42	556.30	9474.31 -6.950e+04 -1.579e+05
		-1.579e+05 -6.950e+04	3.51e-04	0.0	11.6	-385.97	1569.22	556.30	9474.31 -6.304e+04 -1.384e+05
					23.2	-385.97	1420.97	556.30	9474.31 -5.657e+04 -1.207e+05
69	32	-1.429e+05 -6.689e+04	5.45e-03	-343.30	0.0	-455.30	1990.13	653.14	9345.02 -8.207e+04 -1.859e+05
		-1.859e+05 -8.207e+04	4.29e-04	0.0	11.6	-455.30	1818.51	653.14	9345.02 -7.448e+04 -1.634e+05
					23.2	-455.30	1646.83	653.14	9345.02 -6.689e+04 -1.429e+05
69	35	-1.221e+05 -5.638e+04	4.05e-03	-296.45	0.0	-404.55	1745.36	568.08	1.102e+04 -6.960e+04 -1.601e+05
		-1.601e+05 -6.960e+04	3.39e-04	0.0	11.6	-404.55	1597.15	568.08	1.102e+04 -6.299e+04 -1.402e+05
					23.2	-404.55	1448.90	568.08	1.102e+04 -5.638e+04 -1.221e+05
69	37	-1.207e+05 -5.657e+04	4.35e-03	-296.45	0.0	-385.97	1717.42	556.30	9474.31 -6.950e+04 -1.579e+05
		-1.579e+05 -6.950e+04	3.51e-04	0.0	11.6	-385.97	1569.22	556.30	9474.31 -6.304e+04 -1.384e+05
					23.2	-385.97	1420.97	556.30	9474.31 -5.657e+04 -1.207e+05

70	7	3.681e+04	9643.99	-0.10	-1320.82	0.0	197.52	742.23	-50.99	-4.388e+04	9643.99	-6.141e+04
		-6.141e+04	-1.772e+04	0.03	0.0	268.3	238.35	12.84	-50.99	-4.388e+04	-4038.05	3.681e+04
						536.7	271.47	-578.59	-50.99	-4.388e+04	-1.772e+04	-4.218e+04
70	8	3.681e+04	9644.03	-0.10	-1320.82	0.0	198.32	742.25	-50.99	-4.388e+04	9644.03	-6.142e+04
		-6.142e+04	-1.772e+04	0.03	0.0	268.3	239.15	12.85	-50.99	-4.388e+04	-4038.33	3.681e+04
						536.7	272.27	-578.57	-50.99	-4.388e+04	-1.772e+04	-4.218e+04
70	9	2.614e+04	5872.18	-0.07	-959.12	0.0	103.99	524.97	-30.98	-2.654e+04	5872.18	-4.344e+04
		-4.344e+04	-1.076e+04	0.02	0.0	268.3	133.01	6.57	-30.98	-2.654e+04	-2442.09	2.614e+04
						536.7	157.69	-434.15	-30.98	-2.654e+04	-1.076e+04	-3.297e+04
70	25	2.645e+04	6094.78	-0.07	-967.30	0.0	110.90	531.58	-32.17	-2.758e+04	6094.78	-4.399e+04
		-4.399e+04	-1.117e+04	0.02	0.0	268.3	140.27	7.04	-32.17	-2.758e+04	-2537.73	2.645e+04
						536.7	165.05	-435.72	-32.17	-2.758e+04	-1.117e+04	-3.289e+04
70	31	2.786e+04	7093.56	-0.07	-1004.07	0.0	141.86	561.29	-37.49	-3.224e+04	7093.56	-4.644e+04
		-4.644e+04	-1.303e+04	0.02	0.0	268.3	172.77	9.18	-37.49	-3.224e+04	-2966.63	2.786e+04
						536.7	198.07	-442.78	-37.49	-3.224e+04	-1.303e+04	-3.256e+04
70	32	2.786e+04	7093.59	-0.07	-1004.07	0.0	142.39	561.30	-37.49	-3.224e+04	7093.59	-4.645e+04
		-4.645e+04	-1.303e+04	0.02	0.0	268.3	173.30	9.19	-37.49	-3.224e+04	-2966.82	2.786e+04
						536.7	198.61	-442.77	-37.49	-3.224e+04	-1.303e+04	-3.256e+04
70	37	2.645e+04	6094.78	-0.07	-967.30	0.0	110.90	531.58	-32.17	-2.758e+04	6094.78	-4.399e+04
		-4.399e+04	-1.117e+04	0.02	0.0	268.3	140.27	7.04	-32.17	-2.758e+04	-2537.73	2.645e+04
						536.7	165.05	-435.72	-32.17	-2.758e+04	-1.117e+04	-3.289e+04
71	7	6.366e+05	3.573e+04	-0.69	-1.200e+04	0.0	-1027.98	6035.28	13.55	-5312.41	2.760e+04	-2.662e+05
		-2.757e+05	2.760e+04	4.31e-03	0.0	300.0	-1027.98	-16.51	13.55	-5312.41	3.166e+04	6.366e+05
						599.9	-1027.98	-5968.35	13.55	-5312.41	3.573e+04	-2.757e+05
71	8	6.366e+05	3.573e+04	-0.69	-1.200e+04	0.0	-1027.88	6035.25	13.56	-5309.94	2.760e+04	-2.662e+05
		-2.757e+05	2.760e+04	4.32e-03	0.0	300.0	-1027.88	-16.54	13.56	-5309.94	3.166e+04	6.366e+05
						599.9	-1027.88	-5968.38	13.56	-5309.94	3.573e+04	-2.757e+05
71	23	4.010e+05	2.269e+04	-0.43	-7568.03	0.0	-650.20	3802.10	8.24	-3376.57	1.775e+04	-1.678e+05
		-1.736e+05	1.775e+04	2.64e-03	0.0	300.0	-650.20	-10.09	8.24	-3376.57	2.022e+04	4.010e+05
						599.9	-650.20	-3765.93	8.24	-3376.57	2.269e+04	-1.736e+05
71	31	4.710e+05	2.647e+04	-0.51	-8883.26	0.0	-761.24	4465.77	9.96	-3938.13	2.050e+04	-1.970e+05
		-2.040e+05	2.050e+04	3.17e-03	0.0	300.0	-761.24	-12.14	9.96	-3938.13	2.349e+04	4.710e+05
						599.9	-761.24	-4417.49	9.96	-3938.13	2.647e+04	-2.040e+05
71	32	4.710e+05	2.648e+04	-0.51	-8883.26	0.0	-761.17	4465.75	9.97	-3936.49	2.050e+04	-1.970e+05
		-2.040e+05	2.050e+04	3.18e-03	0.0	300.0	-761.17	-12.16	9.97	-3936.49	2.349e+04	4.710e+05
						599.9	-761.17	-4417.51	9.97	-3936.49	2.648e+04	-2.040e+05
71	35	4.138e+05	2.338e+04	-0.45	-7808.47	0.0	-670.53	3923.44	8.55	-3480.09	1.825e+04	-1.731e+05
		-1.792e+05	1.825e+04	2.73e-03	0.0	300.0	-670.53	-10.46	8.55	-3480.09	2.082e+04	4.138e+05
						599.9	-670.53	-3885.04	8.55	-3480.09	2.338e+04	-1.792e+05
71	37	4.138e+05	2.338e+04	-0.45	-7808.47	0.0	-670.67	3923.47	8.54	-3483.38	1.826e+04	-1.731e+05
		-1.792e+05	1.826e+04	2.72e-03	0.0	300.0	-670.67	-10.42	8.54	-3483.38	2.082e+04	4.138e+05
						599.9	-670.67	-3885.00	8.54	-3483.38	2.338e+04	-1.792e+05
72	7	-1.447e+05	-7.259e+04	3.45e-03	-466.46	0.0	-589.19	2278.98	811.12	1.027e+04	-9.145e+04	-1.934e+05
		-1.934e+05	-9.145e+04	2.48e-04	0.0	11.6	-589.19	2045.79	811.12	1.027e+04	-8.202e+04	-1.677e+05
						23.2	-589.19	1812.53	811.12	1.027e+04	-7.259e+04	-1.447e+05
72	8	-1.450e+05	-7.227e+04	3.20e-03	-466.46	0.0	-604.26	2302.24	818.17	1.193e+04	-9.131e+04	-1.944e+05
		-1.944e+05	-9.131e+04	2.41e-04	0.0	11.6	-604.26	2069.06	818.17	1.193e+04	-8.179e+04	-1.683e+05
						23.2	-604.26	1835.79	818.17	1.193e+04	-7.227e+04	-1.450e+05
72	9	-8.474e+04	-4.264e+04	1.47e-03	-286.16	0.0	-371.35	1417.79	497.02	9851.44	-5.422e+04	-1.154e+05
		-1.154e+05	-5.422e+04	1.24e-04	0.0	11.6	-371.35	1274.73	497.02	9851.44	-4.843e+04	-9.926e+04
						23.2	-371.35	1131.63	497.02	9851.44	-4.264e+04	-8.474e+04
72	23	-8.527e+04	-4.200e+04	9.73e-04	-286.16	0.0	-401.49	1464.31	511.10	1.316e+04	-5.393e+04	-1.174e+05
		-1.174e+05	-5.393e+04	1.08e-04	0.0	11.6	-401.49	1321.25	511.10	1.316e+04	-4.797e+04	-1.005e+05
						23.2	-401.49	1178.15	511.10	1.316e+04	-4.200e+04	-8.527e+04
72	25	-8.857e+04	-4.454e+04	1.64e-03	-296.65	0.0	-383.13	1466.17	515.32	9569.38	-5.654e+04	-1.202e+05
		-1.202e+05	-5.654e+04	1.33e-04	0.0	11.6	-383.13	1317.87	515.32	9569.38	-5.054e+04	-1.035e+05
						23.2	-383.13	1169.52	515.32	9569.38	-4.454e+04	-8.857e+04
72	31	-1.057e+05	-5.306e+04	2.41e-03	-343.53	0.0	-436.03	1682.56	597.26	8312.92	-6.696e+04	-1.418e+05
		-1.418e+05	-6.696e+04	1.77e-04	0.0	11.6	-436.03	1510.82	597.26	8312.92	-6.001e+04	-1.228e+05
						23.2	-436.03	1339.03	597.26	8312.92	-5.306e+04	-1.057e+05
72	32	-1.059e+05	-5.285e+04	2.24e-03	-343.53	0.0	-446.07	1698.06	601.95	9415.18	-6.686e+04	-1.424e+05
		-1.424e+05	-6.686e+04	1.72e-04	0.0	11.6	-446.07	1526.33	601.95	9415.18	-5.986e+04	-1.232e+05
						23.2	-446.07	1354.53	601.95	9415.18	-5.285e+04	-1.059e+05
72	35	-8.892e+04	-4.412e+04	1.31e-03	-296.65	0.0	-403.22	1497.18	524.71	1.177e+04	-5.635e+04	-1.215e+05
		-1.215e+05	-5.635e+04	1.23e-04	0.0	11.6	-403.22	1348.88	524.71	1.177e+04	-5.023e+04	-1.044e+05
						23.2	-403.22	1200.54	524.71	1.177e+04	-4.412e+04	-8.892e+04
72	37	-8.857e+04	-4.454e+04	1.64e-03	-296.65	0.0	-383.13	1466.17	515.32	9569.38	-5.654e+04	-1.202e+05
		-1.202e+05	-5.654e+04	1.33e-04	0.0	11.6	-383.13	1317.87	515.32	9569.38	-5.054e+04	-1.035e+05
						23.2	-383.13	1169.52	515.32	9569.38	-4.454e+04	-8.857e+04
73	7	7171.56	-1.177e+04	0.03	-3141.73	0.0	-1499.69	3543.82	7.17	7363.11	-1.314e+04	-3.715e+05
		-3.715e+05	-1.314e+04	-2.91e-03	0.0	95.6	-1368.92	1983.69	7.17	7363.11	-1.246e+04	-1.071e+05
						191.2	-1236.35	402.08	7.17	7363.11	-1.177e+04	7171.56
73	8	7166.97	-1.175e+04	0.03	-3141.73	0.0	-1498.33	3543.80	7.37	7384.09	-1.316e+04	-3.715e+05
		-3.715e+05	-1.316e+04	-2.91e-03	0.0	95.6	-1367.56	1983.67	7.37	7384.09	-1.246e+04	-1.071e+05
						191.2	-1234.99	402.06	7.37	7384.09	-1.175e+04	7166.97
73	23	4849.25	-6992.13	0.02	-1960.73	0.0	-938.83	2218.11	11.47	3683.97	-9185.98	-2.326e+05
		-2.326e+05	-9185.98	-1.95e-03	0.0	95.6	-857.16	1243.80	11.47	3683.97	-8089.05	-6.701e+04

						191.2	-774.48	257.38	11.47	3683.97	-6992.13	4849.25
73	31	5377.92	-8629.38	0.02	-2320.94	0.0	-1109.05	2619.31	6.69	5239.06	-9907.81	-2.746e+05
		-2.746e+05	-9907.81	-2.17e-03	0.0	95.6	-1012.43	1466.64	6.69	5239.06	-9268.59	-7.912e+04
						191.2	-914.51	298.38	6.69	5239.06	-8629.38	5377.92
73	32	5374.86	-8617.51	0.02	-2320.94	0.0	-1108.14	2619.30	6.82	5253.04	-9920.80	-2.746e+05
		-2.746e+05	-9920.80	-2.18e-03	0.0	95.6	-1011.52	1466.63	6.82	5253.04	-9269.15	-7.913e+04
						191.2	-913.60	298.36	6.82	5253.04	-8617.51	5374.86
73	35	4947.78	-7295.91	0.02	-2026.32	0.0	-970.26	2291.22	10.54	3961.14	-9311.54	-2.403e+05
		-2.403e+05	-9311.54	-1.99e-03	0.0	95.6	-885.87	1284.43	10.54	3961.14	-8303.73	-6.922e+04
						191.2	-800.42	264.90	10.54	3961.14	-7295.91	4947.78
73	37	4953.90	-7319.64	0.02	-2026.32	0.0	-972.08	2291.25	10.28	3933.17	-9285.56	-2.403e+05
		-2.403e+05	-9285.56	-1.98e-03	0.0	95.6	-887.69	1284.46	10.28	3933.17	-8302.60	-6.922e+04
						191.2	-802.23	264.93	10.28	3933.17	-7319.64	4953.90
74	8	7.334e+04	-2396.32	-0.02	-754.14	0.0	-188.80	2048.57	7.81	-1.452e+04	-2726.61	3424.23
		3424.23	-2726.61	-2.70e-04	0.0	21.2	-188.80	1670.84	7.81	-1.452e+04	-2561.47	4.237e+04
						42.3	-188.80	1294.43	7.81	-1.452e+04	-2396.32	7.334e+04
74	9	4.728e+04	-1569.66	-0.01	-467.09	0.0	-117.91	1323.50	5.17	-9499.65	-1788.56	1697.92
		1697.92	-1788.56	-1.65e-04	0.0	21.2	-117.91	1089.58	5.17	-9499.65	-1679.11	2.696e+04
						42.3	-117.91	856.41	5.17	-9499.65	-1569.66	4.728e+04
74	22	7.047e+04	-2392.07	-0.02	-693.27	0.0	-177.56	1965.98	8.12	-1.325e+04	-2735.54	2622.26
		2622.26	-2735.54	-2.42e-04	0.0	21.2	-177.56	1618.76	8.12	-1.325e+04	-2563.81	4.021e+04
						42.3	-177.56	1272.71	8.12	-1.325e+04	-2392.07	7.047e+04
74	23	5.018e+04	-1771.61	-0.02	-467.09	0.0	-122.84	1398.89	6.25	-8968.54	-2035.79	1275.66
		1275.66	-2035.79	-1.58e-04	0.0	21.2	-122.84	1164.97	6.25	-8968.54	-1903.70	2.820e+04
						42.3	-122.84	931.80	6.25	-8968.54	-1771.61	5.018e+04
74	25	4.843e+04	-1597.72	-0.01	-483.32	0.0	-121.57	1355.57	5.23	-9767.91	-1819.15	1855.47
		1855.47	-1819.15	-1.72e-04	0.0	21.2	-121.57	1113.52	5.23	-9767.91	-1708.43	2.770e+04
						42.3	-121.57	872.25	5.23	-9767.91	-1597.72	4.843e+04
74	32	5.458e+04	-1791.87	-0.02	-556.38	0.0	-139.64	1525.07	5.86	-1.080e+04	-2039.91	2425.18
		2425.18	-2039.91	-1.99e-04	0.0	21.2	-139.64	1246.40	5.86	-1.080e+04	-1915.89	3.144e+04
						42.3	-139.64	968.69	5.86	-1.080e+04	-1791.87	5.458e+04
74	35	5.037e+04	-1732.35	-0.02	-483.32	0.0	-124.85	1405.83	5.95	-9413.84	-1983.97	1573.97
		1573.97	-1983.97	-1.67e-04	0.0	21.2	-124.85	1163.78	5.95	-9413.84	-1858.16	2.853e+04
						42.3	-124.85	922.51	5.95	-9413.84	-1732.35	5.037e+04
74	36	5.267e+04	-1789.04	-0.02	-515.80	0.0	-132.14	1470.01	6.07	-9953.72	-2045.86	1890.53
		1890.53	-2045.86	-1.80e-04	0.0	21.2	-132.14	1211.68	6.07	-9953.72	-1917.45	3.001e+04
						42.3	-132.14	954.21	6.07	-9953.72	-1789.04	5.267e+04
74	37	4.843e+04	-1597.72	-0.01	-483.32	0.0	-121.57	1355.57	5.23	-9767.91	-1819.15	1855.47
		1855.47	-1819.15	-1.72e-04	0.0	21.2	-121.57	1113.52	5.23	-9767.91	-1708.43	2.770e+04
						42.3	-121.57	872.25	5.23	-9767.91	-1597.72	4.843e+04
75	7	3.253e+04	2.300e+04	6.15e-03	-274.10	0.0	-1221.92	346.36	1089.30	-3.334e+04	-2.274e+04	2.353e+04
		2.353e+04	-2.274e+04	3.41e-04	0.0	21.0	-1230.08	209.44	1089.30	-3.334e+04	131.56	2.947e+04
						42.0	-1238.26	72.26	1089.30	-3.334e+04	2.300e+04	3.253e+04
75	8	3.400e+04	2.201e+04	6.90e-03	-274.10	0.0	-1221.26	312.94	1075.21	-3.069e+04	-2.314e+04	2.667e+04
		2.667e+04	-2.314e+04	3.44e-04	0.0	21.0	-1229.43	176.02	1075.21	-3.069e+04	-564.47	3.178e+04
						42.0	-1237.61	38.84	1075.21	-3.069e+04	2.201e+04	3.400e+04
75	9	2.207e+04	1.289e+04	4.68e-03	-210.51	0.0	-683.48	272.20	626.07	-1.539e+04	-1.340e+04	1.538e+04
		1.538e+04	-1.340e+04	2.10e-04	0.0	21.0	-689.75	167.02	626.07	-1.539e+04	-252.48	1.983e+04
						42.0	-696.03	61.69	626.07	-1.539e+04	1.289e+04	2.207e+04
75	23	2.508e+04	1.091e+04	6.18e-03	-210.51	0.0	-682.17	205.36	597.88	-1.010e+04	-1.420e+04	2.168e+04
		2.168e+04	-1.420e+04	2.16e-04	0.0	21.0	-688.44	100.18	597.88	-1.010e+04	-1644.54	2.445e+04
						42.0	-694.73	-5.16	597.88	-1.010e+04	1.091e+04	2.502e+04
75	25	2.250e+04	1.359e+04	4.69e-03	-210.56	0.0	-720.46	271.35	656.59	-1.687e+04	-1.399e+04	1.577e+04
		1.577e+04	-1.399e+04	2.17e-04	0.0	21.0	-726.73	166.15	656.59	-1.687e+04	-200.30	2.024e+04
						42.0	-733.02	60.79	656.59	-1.687e+04	1.359e+04	2.250e+04
75	31	2.441e+04	1.669e+04	4.72e-03	-210.78	0.0	-886.02	267.65	793.40	-2.349e+04	-1.663e+04	1.753e+04
		1.753e+04	-1.663e+04	2.51e-04	0.0	21.0	-892.30	162.36	793.40	-2.349e+04	26.21	2.207e+04
						42.0	-898.59	56.88	793.40	-2.349e+04	1.669e+04	2.441e+04
75	32	2.539e+04	1.602e+04	5.22e-03	-210.78	0.0	-885.58	245.37	784.00	-2.172e+04	-1.690e+04	1.962e+04
		1.962e+04	-1.690e+04	2.53e-04	0.0	21.0	-891.86	140.08	784.00	-2.172e+04	-437.81	2.361e+04
						42.0	-898.15	34.60	784.00	-2.172e+04	1.602e+04	2.539e+04
75	35	2.446e+04	1.226e+04	5.69e-03	-210.56	0.0	-719.59	226.79	637.79	-1.334e+04	-1.452e+04	1.997e+04
		1.997e+04	-1.452e+04	2.21e-04	0.0	21.0	-725.86	121.59	637.79	-1.334e+04	-1128.34	2.332e+04
						42.0	-732.14	16.23	637.79	-1.334e+04	1.226e+04	2.446e+04
75	37	2.250e+04	1.359e+04	4.69e-03	-210.56	0.0	-720.46	271.35	656.59	-1.687e+04	-1.399e+04	1.577e+04
		1.577e+04	-1.399e+04	2.17e-04	0.0	21.0	-726.73	166.15	656.59	-1.687e+04	-200.30	2.024e+04
						42.0	-733.02	60.79	656.59	-1.687e+04	1.359e+04	2.250e+04
76	7	3.538e+05	1.219e+04	-0.43	-9698.76	0.0	-4421.43	4015.16	111.53	-1.085e+04	-5.634e+04	-1.995e+05
		-6.419e+05	-5.634e+04	-6.76e-03	0.0	307.3	-4421.43	-706.81	111.53	-1.085e+04	-2.208e+04	3.385e+05
						614.5	-4421.43	-5683.59	111.53	-1.085e+04	1.219e+04	-6.419e+05
76	8	3.538e+05	1.214e+04	-0.43	-9698.76	0.0	-4402.04	4014.90	111.20	-1.084e+04	-5.619e+04	-1.994e+05
		-6.419e+05	-5.619e+04	-6.80e-03	0.0	307.3	-4402.04	-707.07	111.20	-1.084e+04	-2.203e+04	3.385e+05
						614.5	-4402.04	-5683.85	111.20	-1.084e+04	1.214e+04	-6.419e+05
76	23	2.215e+05	7259.56	-0.27	-6080.39	0.0	-2672.58	2524.96	68.08	-7236.68	-3.458e+04	-1.246e+05
		-4.016e+05	-3.458e+04	-4.38e-03	0.0	307.3	-2672.58	-443.46	68.08	-7236.68	-1.366e+04	2.119e+05
						614.5	-2672.58	-3555.43	68.08	-7236.68	7259.56	4.016e+05
76	31	2.615e+05	8952.44	-0.32	-7170.56	0.0	-3256.11	2970.26	82.20	-8114.68	-4.156e+04	-1.474e+05

		-4.744e+05	-4.156e+04	-5.01e-03	0.0	307.3	-3256.11	-522.53	82.20	-8114.68	-1.631e+04	2.502e+05
						614.5	-3256.11	-4200.30	82.20	-8114.68	8952.44	-4.744e+05
76	32	2.615e+05	8919.31	-0.32	-7170.56	0.0	-3243.19	2970.09	81.99	-8107.87	-4.146e+04	-1.474e+05
		-4.744e+05	-4.146e+04	-5.04e-03	0.0	307.3	-3243.19	-522.70	81.99	-8107.87	-1.627e+04	2.502e+05
						614.5	-3243.19	-4200.48	81.99	-8107.87	8919.31	-4.744e+05
76	35	2.288e+05	7583.20	-0.28	-6279.13	0.0	-2784.93	2606.22	70.76	-7399.60	-3.590e+04	-1.288e+05
		-4.149e+05	-3.590e+04	-4.48e-03	0.0	307.3	-2784.93	-457.79	70.76	-7399.60	-1.416e+04	2.189e+05
						614.5	-2784.93	-3672.91	70.76	-7399.60	7583.20	-4.149e+05
76	37	2.288e+05	7649.46	-0.28	-6279.13	0.0	-2810.79	2606.57	71.19	-7413.22	-3.610e+04	-1.289e+05
		-4.148e+05	-3.610e+04	-4.42e-03	0.0	307.3	-2810.79	-457.45	71.19	-7413.22	-1.422e+04	2.189e+05
						614.5	-2810.79	-3672.56	71.19	-7413.22	7649.46	-4.148e+05
77	8	3.167e+04	3.538e+04	6.59e-03	-776.30	0.0	7399.06	-1130.93	293.94	1.168e+04	1.850e+04	3.167e+04
		-4.046e+04	1.850e+04	-1.53e-03	0.0	23.7	7399.06	-1518.42	293.94	1.168e+04	2.694e+04	214.03
						47.5	7399.06	-1907.23	293.94	1.168e+04	3.538e+04	-4.046e+04
77	9	2.022e+04	2.160e+04	4.18e-03	-484.89	0.0	4664.35	-722.77	167.29	8915.91	1.145e+04	2.022e+04
		-2.561e+04	1.145e+04	-9.65e-04	0.0	23.7	4664.35	-964.84	167.29	8915.91	1.653e+04	187.18
						47.5	4664.35	-1207.66	167.29	8915.91	2.160e+04	-2.561e+04
77	23	2.026e+04	2.178e+04	4.19e-03	-484.89	0.0	4697.04	-726.30	172.73	8992.14	1.136e+04	2.026e+04
		-2.574e+04	1.136e+04	-9.70e-04	0.0	23.7	4697.04	-968.37	172.73	8992.14	1.657e+04	141.19
						47.5	4697.04	-1211.20	172.73	8992.14	2.178e+04	-2.574e+04
77	25	2.082e+04	2.240e+04	4.31e-03	-501.04	0.0	4810.44	-743.76	175.48	8922.32	1.185e+04	2.082e+04
		-2.639e+04	1.185e+04	-9.95e-04	0.0	23.7	4810.44	-993.89	175.48	8922.32	1.713e+04	186.38
						47.5	4810.44	-1244.80	175.48	8922.32	2.240e+04	-2.639e+04
77	32	2.349e+04	2.604e+04	4.88e-03	-573.58	0.0	5476.71	-839.13	213.90	8974.69	1.365e+04	2.349e+04
		-2.997e+04	1.365e+04	-1.13e-03	0.0	23.7	5476.71	-1125.43	213.90	8974.69	1.984e+04	168.07
						47.5	5476.71	-1412.70	213.90	8974.69	2.604e+04	-2.997e+04
77	35	2.084e+04	2.252e+04	4.31e-03	-501.04	0.0	4832.23	-746.12	179.10	8973.14	1.179e+04	2.084e+04
		-2.648e+04	1.179e+04	-9.98e-04	0.0	23.7	4832.23	-996.24	179.10	8973.14	1.716e+04	155.72
						47.5	4832.23	-1247.16	179.10	8973.14	2.252e+04	-2.648e+04
77	37	2.082e+04	2.240e+04	4.31e-03	-501.04	0.0	4810.44	-743.76	175.48	8922.32	1.185e+04	2.082e+04
		-2.639e+04	1.185e+04	-9.95e-04	0.0	23.7	4810.44	-993.89	175.48	8922.32	1.713e+04	186.38
						47.5	4810.44	-1244.80	175.48	8922.32	2.240e+04	-2.639e+04
78	7	3.448e+05	1.236e+04	-0.22	-1.363e+04	0.0	-1117.32	6981.28	-7.54	-1.905e+04	1.236e+04	-6.460e+05
		-6.460e+05	8177.83	0.01	0.0	277.3	-1117.32	165.25	-7.54	-1.905e+04	1.027e+04	3.448e+05
						554.5	-1117.32	-6650.56	-7.54	-1.905e+04	8177.83	-5.543e+05
78	23	2.129e+05	7582.14	-0.14	-8418.51	0.0	-692.65	4312.03	-4.73	-1.222e+04	7582.14	-3.991e+05
		-3.991e+05	4957.69	8.05e-03	0.0	277.3	-692.65	102.71	-4.73	-1.222e+04	6269.91	2.129e+05
						554.5	-692.65	-4106.49	-4.73	-1.222e+04	4957.69	-3.421e+05
78	31	2.543e+05	9116.93	-0.16	-1.005e+04	0.0	-824.50	5148.02	-5.60	-1.412e+04	9116.93	-4.764e+05
		-4.764e+05	6012.43	9.65e-03	0.0	277.3	-824.50	122.00	-5.60	-1.412e+04	7564.68	2.543e+05
						554.5	-824.50	-4903.87	-5.60	-1.412e+04	6012.43	-4.087e+05
78	35	2.205e+05	7871.61	-0.14	-8715.66	0.0	-716.63	4464.12	-4.91	-1.255e+04	7871.61	-4.132e+05
		-4.132e+05	5151.25	8.33e-03	0.0	277.3	-716.63	106.23	-4.91	-1.255e+04	6511.43	2.205e+05
						554.5	-716.63	-4251.54	-4.91	-1.255e+04	5151.25	-3.542e+05
78	37	2.205e+05	7914.06	-0.14	-8715.66	0.0	-716.74	4464.14	-4.97	-1.249e+04	7914.06	-4.132e+05
		-4.132e+05	5157.14	8.30e-03	0.0	277.3	-716.74	106.25	-4.97	-1.249e+04	6535.60	2.205e+05
						554.5	-716.74	-4251.52	-4.97	-1.249e+04	5157.14	-3.542e+05
81	8	2.479e+05	2770.30	-0.13	-1.119e+04	0.0	2809.75	6008.84	-76.85	1.236e+04	2770.30	-4.944e+05
		-4.944e+05	-3.327e+04	3.94e-03	0.0	234.4	3063.62	346.00	-76.85	1.236e+04	-1.525e+04	2.479e+05
						468.9	3311.55	-5184.22	-76.85	1.236e+04	-3.327e+04	3.218e+05
81	9	1.539e+05	1608.23	-0.08	-6935.02	0.0	1687.13	3724.02	-44.96	1.004e+04	1608.23	-3.069e+05
		-3.069e+05	-1.947e+04	2.45e-03	0.0	234.4	1844.26	219.13	-44.96	1.004e+04	-8932.21	1.538e+05
						468.9	1998.03	-3211.01	-44.96	1.004e+04	-1.947e+04	-1.983e+05
81	25	1.592e+05	1683.33	-0.08	-7176.76	0.0	1754.41	3853.61	-46.98	9964.93	1683.33	-3.175e+05
		-3.175e+05	-2.034e+04	2.54e-03	0.0	234.4	1917.04	225.89	-46.98	9964.93	-9330.47	1.592e+05
						468.9	2076.15	-3323.14	-46.98	9964.93	-2.034e+04	-2.054e+05
81	32	1.830e+05	2021.24	-0.09	-8257.79	0.0	2062.24	4433.31	-56.15	9616.66	2021.24	-3.649e+05
		-3.649e+05	-2.431e+04	2.91e-03	0.0	234.4	2249.50	256.28	-56.15	9616.66	-1.114e+04	1.830e+05
						468.9	2432.44	-3824.47	-56.15	9616.66	-2.431e+04	-2.372e+05
81	37	1.592e+05	1683.33	-0.08	-7176.76	0.0	1754.41	3853.61	-46.98	9964.93	1683.33	-3.175e+05
		-3.175e+05	-2.034e+04	2.54e-03	0.0	234.4	1917.04	225.89	-46.98	9964.93	-9330.47	1.592e+05
						468.9	2076.15	-3323.14	-46.98	9964.93	-2.034e+04	-2.054e+05
82	7	4.899e+05	7.181e+04	-0.43	-1.520e+04	0.0	7870.48	6901.28	856.32	1.223e+04	-4.544e+05	-4.675e+05
		-9.077e+05	-4.544e+05	0.03	0.0	307.3	7870.47	-724.29	856.32	1.223e+04	-1.913e+05	4.803e+05
						614.5	7870.46	-8302.87	856.32	1.223e+04	7.181e+04	-9.077e+05
82	23	2.977e+05	3.997e+04	-0.26	-9390.29	0.0	4643.25	4295.04	489.17	1.046e+04	-2.606e+05	-3.026e+05
		-5.539e+05	-2.606e+05	0.01	0.0	307.3	4643.25	-413.35	489.17	1.046e+04	-1.103e+05	2.931e+05
						614.5	4643.24	-5095.25	489.17	1.046e+04	3.997e+04	-5.539e+05
82	31	3.607e+05	5.240e+04	-0.32	-1.121e+04	0.0	5774.15	5092.16	626.55	9645.43	-3.326e+05	-3.462e+05
		-6.686e+05	-3.326e+05	0.02	0.0	307.3	5774.15	-530.30	626.55	9645.43	-1.401e+05	3.538e+05
						614.5	5774.14	-6118.64	626.55	9645.43	5.240e+04	-6.686e+05
82	35	3.095e+05	4.251e+04	-0.27	-9722.80	0.0	4861.64	4438.20	516.77	1.032e+04	-2.751e+05	-3.095e+05
		-5.753e+05	-2.751e+05	0.02	0.0	307.3	4861.64	-437.14	516.77	1.032e+04	-1.163e+05	3.044e+05
						614.5	4861.63	-5284.59	516.77	1.032e+04	4.251e+04	-5.753e+05
82	37	3.111e+05	4.369e+04	-0.27	-9722.80	0.0	4914.23	4427.47	527.84	1.036e+04	-2.807e+05	-3.051e+05
		-5.774e+05	-2.807e+05	0.02	0.0	307.3	4914.23	-447.87	527.84	1.036e+04	-1.185e+05	3.056e+05
						614.5	4914.22	-5295.33	527.84	1.036e+04	4.369e+04	-5.774e+05

83	8-1.930e+05	6.663e+04	-0.02	-280.58	0.0	-2631.47	1256.06	-1340.32	2.080e+04	6.663e+04-2.641e+05
	-2.641e+05	1.078e+04	2.41e-03	0.0	21.0	-2639.83	1115.90	-1340.32	2.080e+04	3.871e+04-2.271e+05
					42.0	-2648.20	975.47	-1340.32	2.080e+04	1.078e+04-1.930e+05
83	9-1.353e+05	3.818e+04	-0.02	-214.16	0.0	-1488.32	843.58	-815.63	1.270e+04	3.818e+04-1.843e+05
	-1.843e+05	4253.79	1.41e-03	0.0	21.0	-1494.70	736.58	-815.63	1.270e+04	2.122e+04-1.587e+05
					42.0	-1501.09	629.42	-815.63	1.270e+04	4253.79-1.353e+05
83	22-2.071e+05	5.980e+04	-0.03	-279.68	0.0	-2363.89	1393.13	-1257.67	2.160e+04	5.980e+04-2.872e+05
	-2.872e+05	7476.26	2.15e-03	0.0	21.0	-2372.22	1253.41	-1257.67	2.160e+04	3.364e+04-2.457e+05
					42.0	-2380.57	1113.45	-1257.67	2.160e+04	7476.26-2.071e+05
83	23-1.652e+05	3.849e+04	-0.02	-214.16	0.0	-1518.87	1130.75	-863.14	1.633e+04	3.849e+04-2.313e+05
	-2.313e+05	2657.92	1.39e-03	0.0	21.0	-1525.25	1023.74	-863.14	1.633e+04	2.057e+04-1.971e+05
					42.0	-1531.64	916.59	-863.14	1.633e+04	2657.92-1.652e+05
83	25-1.355e+05	4.005e+04	-0.02	-214.40	0.0	-1563.74	845.32	-844.00	1.297e+04	4.005e+04-1.844e+05
	-1.844e+05	4922.75	1.47e-03	0.0	21.0	-1570.13	738.20	-844.00	1.297e+04	2.248e+04-1.588e+05
					42.0	-1576.53	630.91	-844.00	1.297e+04	4922.75-1.355e+05
83	32-1.466e+05	4.852e+04	-0.02	-215.48	0.0	-1912.53	948.92	-987.16	1.541e+04	4.852e+04-2.006e+05
	-2.006e+05	7398.93	1.76e-03	0.0	21.0	-1918.94	841.28	-987.16	1.541e+04	2.796e+04-1.725e+05
					42.0	-1925.38	733.44	-987.16	1.541e+04	7398.93-1.466e+05
83	35-1.555e+05	4.025e+04	-0.02	-214.40	0.0	-1584.11	1036.76	-875.68	1.539e+04	4.025e+04-2.157e+05
	-2.157e+05	3858.84	1.46e-03	0.0	21.0	-1590.50	929.64	-875.68	1.539e+04	2.206e+04-1.850e+05
					42.0	-1596.90	822.36	-875.68	1.539e+04	3858.84-1.555e+05
83	36-1.560e+05	4.396e+04	-0.02	-214.88	0.0	-1734.14	1040.31	-932.06	1.595e+04	4.396e+04-2.160e+05
	-2.160e+05	5194.56	1.59e-03	0.0	21.0	-1740.54	932.96	-932.06	1.595e+04	2.458e+04-1.848e+05
					42.0	-1746.96	825.43	-932.06	1.595e+04	5194.56-1.560e+05
83	37-1.355e+05	4.005e+04	-0.02	-214.40	0.0	-1563.74	845.32	-844.00	1.297e+04	4.005e+04-1.844e+05
	-1.844e+05	4922.75	1.47e-03	0.0	21.0	-1570.13	738.20	-844.00	1.297e+04	2.248e+04-1.588e+05
					42.0	-1576.53	630.91	-844.00	1.297e+04	4922.75-1.355e+05
84	7-1.653e+04	1684.55	7.42e-03	-774.50	0.0	93.32	-1755.95	-103.22	2.996e+04	1684.55-1.653e+04
	-1.003e+05	-2522.49	-9.54e-05	0.0	20.4	93.32	-2142.57	-103.22	2.996e+04	-418.97-5.447e+04
					40.8	93.32	-2530.45	-103.22	2.996e+04	-2522.49-1.003e+05
84	8-1.758e+04	1584.56	7.41e-03	-774.50	0.0	99.15	-1806.20	-102.97	3.129e+04	1584.56-1.758e+04
	-1.032e+05	-2612.08	-8.60e-05	0.0	20.4	99.15	-2192.82	-102.97	3.129e+04	-513.76-5.645e+04
					40.8	99.15	-2580.70	-102.97	3.129e+04	-2612.08-1.032e+05
84	9-1.278e+04	798.23	4.48e-03	-476.99	0.0	67.14	-1168.86	-59.95	1.985e+04	798.23-1.278e+04
	-6.773e+04	-1645.27	-4.91e-05	0.0	20.4	67.14	-1407.00	-59.95	1.985e+04	-423.52-3.783e+04
					40.8	67.14	-1645.85	-59.95	1.985e+04	-1645.27-6.773e+04
84	15-1.272e+04	1280.06	5.67e-03	-592.16	0.0	71.65	-1345.18	-78.80	2.295e+04	1280.06-1.272e+04
	-7.686e+04	-1931.56	-7.25e-05	0.0	20.4	71.65	-1640.78	-78.80	2.295e+04	-325.75-4.177e+04
					40.8	71.65	-1937.34	-78.80	2.295e+04	-1931.56-7.686e+04
84	22-1.866e+04	1215.51	6.74e-03	-710.52	0.0	102.50	-1758.44	-92.22	3.088e+04	1215.51-1.866e+04
	-1.010e+05	-2542.95	-6.35e-05	0.0	20.4	102.50	-2113.14	-92.22	3.088e+04	-663.72-5.623e+04
					40.8	102.50	-2468.96	-92.22	3.088e+04	-2542.95-1.010e+05
84	25-1.277e+04	869.97	4.66e-03	-494.05	0.0	67.80	-1194.99	-62.75	2.031e+04	869.97-1.277e+04
	-6.909e+04	-1687.59	-5.26e-05	0.0	20.4	67.80	-1441.64	-62.75	2.031e+04	-408.81-3.841e+04
					40.8	67.80	-1689.04	-62.75	2.031e+04	-1687.59-6.909e+04
84	31-1.273e+04	1191.20	5.45e-03	-570.83	0.0	70.81	-1312.54	-75.32	2.237e+04	1191.20-1.273e+04
	-7.517e+04	-1878.46	-6.82e-05	0.0	20.4	70.81	-1597.50	-75.32	2.237e+04	-343.63-4.104e+04
					40.8	70.81	-1883.37	-75.32	2.237e+04	-1878.46-7.517e+04
84	32-1.343e+04	1124.54	5.44e-03	-570.83	0.0	74.70	-1346.04	-75.15	2.326e+04	1124.54-1.343e+04
	-7.711e+04	-1938.18	-6.20e-05	0.0	20.4	74.70	-1631.00	-75.15	2.326e+04	-406.82-4.236e+04
					40.8	74.70	-1916.87	-75.15	2.326e+04	-1938.18-7.711e+04
84	36-1.415e+04	878.50	5.00e-03	-528.18	0.0	76.93	-1314.20	-67.98	2.299e+04	878.50-1.415e+04
	-7.566e+04	-1892.10	-4.70e-05	0.0	20.4	76.93	-1577.88	-67.98	2.299e+04	-506.80-4.222e+04
					40.8	76.93	-1842.38	-67.98	2.299e+04	-1892.10-7.566e+04
84	37-1.277e+04	869.97	4.66e-03	-494.05	0.0	67.80	-1194.99	-62.75	2.031e+04	869.97-1.277e+04
	-6.909e+04	-1687.59	-5.26e-05	0.0	20.4	67.80	-1441.64	-62.75	2.031e+04	-408.81-3.841e+04
					40.8	67.80	-1689.04	-62.75	2.031e+04	-1687.59-6.909e+04
85	7 3.104e+04	4.284e+04	7.88e-03	-275.18	0.0	-1802.34	-116.07	471.93	2.842e+04	3.104e+04-2.75e+05
	1.432e+04	2.301e+04	5.79e-04	0.0	21.0	-1810.54	-253.52	471.93	2.842e+04	3.292e+04 2.413e+04
					42.0	-1818.76	-391.25	471.93	2.842e+04	4.284e+04 1.432e+04
85	8 3.232e+04	4.188e+04	8.70e-03	-275.18	0.0	-1796.41	-179.06	472.73	3.268e+04	2.201e+04 3.232e+04
	1.239e+04	2.201e+04	5.73e-04	0.0	21.0	-1804.61	-316.51	472.73	3.268e+04	3.195e+04 2.380e+04
					42.0	-1812.82	-454.24	472.73	3.268e+04	4.188e+04 1.239e+04
85	23 2.341e+04	2.244e+04	7.50e-03	-211.12	0.0	-1012.25	-221.01	274.16	3.259e+04	1.091e+04 2.341e+04
	4050.37	1.091e+04	3.34e-04	0.0	21.0	-1018.54	-326.50	274.16	3.259e+04	1.667e+04 1.484e+04
					42.0	-1024.84	-432.13	274.16	3.259e+04	2.244e+04 4050.37
85	31 2.324e+04	3.114e+04	6.02e-03	-211.56	0.0	-1310.26	-90.48	344.02	2.233e+04	1.669e+04 2.324e+04
	1.036e+04	1.669e+04	4.24e-04	0.0	21.0	-1316.56	-196.16	344.02	2.233e+04	2.391e+04 1.791e+04
					42.0	-1322.88	-302.04	344.02	2.233e+04	3.114e+04 1.036e+04
85	32 2.410e+04	3.050e+04	6.57e-03	-211.56	0.0	-1306.30	-132.48	344.55	2.517e+04	1.603e+04 2.410e+04
	9077.15	1.603e+04	4.20e-04	0.0	21.0	-1312.61	-238.16	344.55	2.517e+04	2.327e+04 1.770e+04
					42.0	-1318.92	-344.03	344.55	2.517e+04	3.050e+04 9077.15
85	35 2.299e+04	2.431e+04	6.98e-03	-211.20	0.0	-1068.44	-178.21	286.65	2.943e+04	1.227e+04 2.299e+04
	5780.97	1.227e+04	3.52e-04	0.0	21.0	-1074.73	-283.73	286.65	2.943e+04	1.829e+04 1.549e+04
					42.0	-1081.03	-389.41	286.65	2.943e+04	2.431e+04 5780.97
85	37 2.129e+04	2.559e+04	5.88e-03	-211.20	0.0	-1076.35	-94.22	285.58	2.376e+04	1.359e+04 2.129e+04
	8346.09	1.359e+04	3.59e-04	0.0	21.0	-1082.64	-199.74	285.58	2.376e+04	1.959e+04 1.593e+04

86	8	1.183e+05	-2190.55	-0.02	-747.70	42.0	-1088.95	-305.42	285.58	2.376e+04	2.559e+04	8346.09
		7.299e+04	-2396.33	-3.01e-04	0.0	0.0	-177.84	1459.35	4.86	-1.174e+04	-2396.33	7.299e+04
86	9	7.687e+04	-1427.80	-0.01	-463.46	21.2	-177.84	1084.27	4.86	-1.174e+04	-2293.44	9.958e+04
		4.704e+04	-1569.66	-1.86e-04	0.0	42.3	-177.84	711.65	4.86	-1.174e+04	-2190.55	1.183e+05
86	25	7.860e+04	-1455.67	-0.01	-479.50	0.0	-109.92	948.41	3.35	-8107.13	-1569.66	4.704e+04
		4.818e+04	-1597.72	-1.93e-04	0.0	21.2	-109.92	715.99	3.35	-8107.13	-1498.73	6.441e+04
86	32	8.816e+04	-1635.88	-0.01	-551.71	42.3	-109.92	484.95	3.35	-8107.13	-1427.80	7.687e+04
		5.432e+04	-1791.88	-2.22e-04	0.0	0.0	-113.67	970.40	3.36	-8232.89	-1597.72	4.818e+04
86	37	7.860e+04	-1455.67	-0.01	-479.50	21.2	-113.67	729.91	3.36	-8232.89	-1526.70	6.593e+04
		4.818e+04	-1597.72	-1.93e-04	0.0	42.3	-113.67	490.89	3.36	-8232.89	-1455.67	7.860e+04
87	7	1.011e+05	-5.505e+04	4.45e-04	-466.78	0.0	-131.22	1087.63	3.69	-8842.39	-1791.88	5.432e+04
		-1.439e+05	-7.254e+04	-2.93e-05	0.0	21.2	-131.22	810.88	3.69	-8842.39	-1713.88	7.416e+04
87	8	1.005e+05	-5.458e+04	3.12e-04	-466.78	42.3	-131.22	535.93	3.69	-8842.39	-1635.88	8.816e+04
		-1.440e+05	-7.222e+04	-3.55e-05	0.0	0.0	-113.67	970.40	3.36	-8232.89	-1597.72	4.818e+04
87	9	5.698e+04	-3.183e+04	-4.28e-04	-286.34	21.2	-113.67	729.91	3.36	-8232.89	-1526.70	6.593e+04
		-8.405e+04	-4.259e+04	-3.94e-05	0.0	42.3	-113.67	490.89	3.36	-8232.89	-1455.67	7.860e+04
87	23	5.576e+04	-3.089e+04	-9.37e-04	-286.34	0.0	-503.56	1989.89	749.78	1.436e+04	-7.254e+04	-1.439e+05
		-8.437e+04	-4.195e+04	-5.19e-05	0.0	11.6	-503.56	1756.54	749.78	1.436e+04	-6.379e+04	-1.211e+05
87	25	5.997e+04	-3.335e+04	-3.44e-04	-296.84	23.2	-503.56	1523.11	749.78	1.436e+04	-5.505e+04	-1.011e+05
		-8.788e+04	-4.450e+04	-3.70e-05	0.0	0.0	-523.20	2013.77	755.58	1.640e+04	-7.222e+04	-1.440e+05
87	31	7.339e+04	-4.014e+04	2.63e-04	-343.76	11.6	-523.20	1780.42	755.58	1.640e+04	-6.340e+04	-1.209e+05
		-1.051e+05	-5.302e+04	-2.61e-05	0.0	23.2	-523.20	1546.99	755.58	1.640e+04	-5.458e+04	-1.005e+05
87	32	7.298e+04	-3.982e+04	1.84e-04	-343.76	0.0	-330.73	1239.95	460.41	1.273e+04	-4.259e+04	-8.405e+04
		-1.052e+05	-5.281e+04	-3.02e-05	0.0	11.6	-330.73	1096.80	460.41	1.273e+04	-3.982e+04	-7.298e+04
87	35	5.916e+04	-3.272e+04	-6.83e-04	-296.84	23.2	-330.73	953.61	460.41	1.273e+04	-3.183e+04	-4.28e-04
		-8.809e+04	-4.407e+04	-4.53e-05	0.0	0.0	-370.01	1287.71	472.03	1.681e+04	-4.195e+04	-5.19e-05
87	37	5.997e+04	-3.335e+04	-3.44e-04	-296.84	11.6	-370.01	1144.56	472.03	1.681e+04	-3.642e+04	-6.924e+04
		-8.788e+04	-4.450e+04	-3.70e-05	0.0	23.2	-370.01	1001.37	472.03	1.681e+04	-3.089e+04	-9.37e-04
88	7	1.362e+05	-1946.07	-7.26e-03	-688.60	0.0	-338.86	1281.90	477.19	1.249e+04	-3.892e+04	-7.307e+04
		1.154e+05	-2108.96	-3.31e-04	0.0	11.6	-338.86	1133.50	477.19	1.249e+04	-3.335e+04	-5.997e+04
88	8	1.395e+05	-2009.00	-7.48e-03	-688.60	23.2	-338.86	985.06	477.19	1.249e+04	-3.335e+04	-5.997e+04
		1.180e+05	-2190.56	-3.30e-04	0.0	0.0	-165.31	853.02	3.85	-6917.12	-2108.96	1.154e+05
88	9	9.127e+04	-1300.98	-5.03e-03	-430.19	21.2	-165.31	497.76	3.85	-6917.12	-2027.51	1.294e+05
		7.667e+04	-1427.80	-2.04e-04	0.0	42.3	-165.31	164.42	3.85	-6917.12	-1946.07	1.362e+05
88	23	9.795e+04	-1426.85	-5.46e-03	-430.19	0.0	-164.96	870.08	4.29	-7242.32	-2190.56	1.180e+05
		8.197e+04	-1591.02	-2.02e-04	0.0	21.2	-164.96	514.81	4.29	-7242.32	-2099.78	1.324e+05
88	25	9.320e+04	-1329.09	-5.11e-03	-444.48	42.3	-164.96	181.47	4.29	-7242.32	-2009.00	1.395e+05
		7.841e+04	-1455.67	-2.12e-04	0.0	0.0	-100.81	573.52	3.00	-5553.17	-1427.80	7.667e+04
88	31	1.019e+05	-1455.85	-5.47e-03	-508.80	21.2	-100.81	352.25	3.00	-5553.17	-1364.39	8.624e+04
		8.621e+04	-1581.48	-2.44e-04	0.0	42.3	-100.81	143.33	3.00	-5553.17	-1300.98	9.127e+04
88	32	1.042e+05	-1497.81	-5.61e-03	-508.80	0.0	-100.10	607.62	3.88	-6203.57	-1591.02	8.197e+04
		8.798e+04	-1635.89	-2.43e-04	0.0	21.2	-100.10	386.36	3.88	-6203.57	-1508.94	9.223e+04
88	35	9.766e+04	-1413.01	-5.40e-03	-444.48	42.3	-100.10	177.43	3.88	-6203.57	-1426.85	9.795e+04
		8.194e+04	-1564.48	-2.10e-04	0.0	0.0	-104.60	585.39	2.99	-5519.26	-1455.67	7.841e+04
88	37	9.320e+04	-1329.09	-5.11e-03	-444.48	21.2	-104.60	356.65	2.99	-5519.26	-1392.38	8.815e+04
		7.841e+04	-1455.67	-2.12e-04	0.0	42.3	-104.60	140.91	2.99	-5519.26	-1329.09	9.320e+04
89	7	-6081.83	-1.386e+04	-4.08e-03	-467.75	0.0	-121.63	638.82	2.97	-5369.92	-1581.48	8.621e+04
		-2.931e+04	-2.518e+04	-4.63e-04	0.0	21.2	-121.63	376.46	2.97	-5369.92	-1518.67	9.676e+04
89	23	9256.92	-4954.75	-2.95e-03	-286.88	42.3	-121.63	130.02	2.97	-5369.92	-1455.85	1.019e+05
		-6354.55	-1.199e+04	-2.79e-04	0.0	0.0	-121.39	650.19	3.26	-5586.72	-1635.89	8.798e+04
89	31	-2960.74	-9799.18	-3.03e-03	-344.47	21.2	-121.39	387.83	3.26	-5586.72	-1566.85	9.875e+04
						42.3	-121.39	141.38	3.26	-5586.72	-1497.81	1.042e+05
89	31					0.0	-104.13	608.13	3.58	-5952.86	-1564.48	8.194e+04
						21.2	-104.13	379.39	3.58	-5952.86	-1488.74	9.215e+04
89	31					42.3	-104.13	163.64	3.58	-5952.86	-1413.01	9.766e+04
						0.0	-104.60	585.39	2.99	-5519.26	-1455.67	7.841e+04
89	31					21.2	-104.60	356.65	2.99	-5519.26	-1392.38	8.815e+04
						42.3	-104.60	140.91	2.99	-5519.26	-1329.09	9.320e+04
89	31					0.0	55.74	1095.43	480.38	3.051e+04	-2.518e+04	-2.931e+04
						11.6	55.74	861.59	480.38	3.051e+04	-1.952e+04	-1.634e+04
89	31					23.2	55.74	627.68	480.38	3.051e+04	-1.386e+04	-6081.83
						0.0	-111.70	695.54	296.47	2.753e+04	-1.199e+04	-6354.55
89	31					11.6	-111.70	552.12	296.47	2.753e+04	-8472.10	2281.68
						23.2	-111.70	408.66	296.47	2.753e+04	-4954.75	9256.92
89	31					0.0	27.64	806.43	353.08	2.333e+04	-1.812e+04	-2.014e+04

		-2.014e+04	-1.812e+04	-3.40e-04	0.0	11.6	27.64	634.22	353.08	2.333e+04	-1.396e+04	-1.055e+04
						23.2	27.64	461.96	353.08	2.333e+04	-9799.18	-2960.74
89	35	6163.85	-6079.54	-2.92e-03	-297.41	0.0	-73.85	711.99	306.02	2.605e+04	-1.333e+04	-9576.91
		-9576.91	-1.333e+04	-2.90e-04	0.0	11.6	-73.85	563.31	306.02	2.605e+04	-9703.57	-845.56
						23.2	-73.85	414.58	306.02	2.605e+04	-6079.54	6163.85
89	37	2327.98	-7147.78	-2.72e-03	-297.41	0.0	-19.08	695.24	302.57	2.288e+04	-1.430e+04	-1.272e+04
		-1.272e+04	-1.430e+04	-2.92e-04	0.0	11.6	-19.08	546.55	302.57	2.288e+04	-1.072e+04	-4336.79
						23.2	-19.08	397.82	302.57	2.288e+04	-7147.78	2327.98
90	7	-3.090e+04	-2.528e+04	-3.43e-03	-467.42	0.0	-163.19	1418.61	586.37	2.556e+04	-3.904e+04	-6.139e+04
		-6.139e+04	-3.904e+04	-3.78e-04	0.0	11.6	-163.19	1184.94	586.37	2.556e+04	-3.216e+04	-4.479e+04
						23.2	-163.19	951.18	586.37	2.556e+04	-2.528e+04	-3.090e+04
90	15	-2.342e+04	-1.926e+04	-2.63e-03	-357.22	0.0	-126.35	1084.48	448.14	1.967e+04	-2.452e+04	-3.404e+04
		-4.674e+04	-2.978e+04	-2.89e-04	0.0	11.6	-126.35	905.90	448.14	1.967e+04	-1.926e+04	-2.342e+04
						23.2	-126.35	727.26	448.14	1.967e+04	-1.926e+04	-2.342e+04
90	21	-1.524e+04	-1.809e+04	-3.61e-03	-396.90	0.0	-254.37	1248.17	505.12	3.052e+04	-2.999e+04	-4.298e+04
		-4.298e+04	-2.999e+04	-3.30e-04	0.0	11.6	-254.37	1049.75	505.12	3.052e+04	-2.404e+04	-2.796e+04
						23.2	-254.37	851.27	505.12	3.052e+04	-1.809e+04	-1.524e+04
90	23	-7754.42	-1.207e+04	-2.81e-03	-286.70	0.0	-217.52	914.04	366.90	2.463e+04	-2.073e+04	-2.833e+04
		-2.833e+04	-2.073e+04	-2.41e-04	0.0	11.6	-217.52	770.72	366.90	2.463e+04	-1.640e+04	-1.721e+04
						23.2	-217.52	627.34	366.90	2.463e+04	-1.207e+04	-4754.42
90	31	-2.135e+04	-1.820e+04	-2.59e-03	-344.23	0.0	-130.70	1046.38	431.65	1.970e+04	-2.833e+04	-4.392e+04
		-4.392e+04	-2.833e+04	-2.79e-04	0.0	11.6	-130.70	874.30	431.65	1.970e+04	-2.326e+04	-3.164e+04
						23.2	-130.70	702.15	431.65	1.970e+04	-1.820e+04	-2.135e+04
90	35	-1.091e+04	-1.341e+04	-2.71e-03	-297.22	0.0	-191.48	932.76	377.49	2.301e+04	-2.230e+04	-3.165e+04
		-3.165e+04	-2.230e+04	-2.47e-04	0.0	11.6	-191.48	784.18	377.49	2.301e+04	-1.786e+04	-2.042e+04
						23.2	-191.48	635.54	377.49	2.301e+04	-1.341e+04	-1.091e+04
90	37	-1.390e+04	-1.437e+04	-2.44e-03	-297.22	0.0	-146.51	908.66	372.06	1.982e+04	-2.312e+04	-3.377e+04
		-3.377e+04	-2.312e+04	-2.45e-04	0.0	11.6	-146.51	760.08	372.06	1.982e+04	-1.874e+04	-2.297e+04
						23.2	-146.51	611.44	372.06	1.982e+04	-1.437e+04	-1.390e+04
91	7	-1.215e+04	-4147.97	0.02	-160.22	0.0	-1271.18	-1502.12	189.15	-4.591e+04	-1.041e+04	-1.215e+04
		-6.454e+04	-1.041e+04	-3.95e-04	0.0	16.6	-1280.93	-1582.23	189.15	-4.591e+04	-7279.05	-3.768e+04
						33.1	-1290.68	-1662.34	189.15	-4.591e+04	-4147.97	-6.454e+04
91	8	-1.515e+04	-4789.76	0.02	-160.22	0.0	-1273.30	-1603.57	165.80	-5.087e+04	-1.028e+04	-1.515e+04
		-7.089e+04	-1.028e+04	-3.87e-04	0.0	16.6	-1283.05	-1683.67	165.80	-5.087e+04	-7534.46	-4.236e+04
						33.1	-1292.80	-1763.78	165.80	-5.087e+04	-4789.76	-7.089e+04
91	9	-1.162e+04	-4252.53	0.01	-123.24	0.0	-731.20	-1042.45	97.31	-3.505e+04	-7474.35	-1.162e+04
		-4.817e+04	-7474.35	-2.43e-04	0.0	16.6	-738.70	-1104.07	97.31	-3.505e+04	-5863.44	-2.939e+04
						33.1	-746.20	-1165.70	97.31	-3.505e+04	-4252.53	-4.817e+04
91	15	-9418.56	-3220.58	0.02	-123.24	0.0	-970.09	-1151.93	143.92	-3.531e+04	-7985.46	-9418.56
		-4.960e+04	-7985.46	-3.02e-04	0.0	16.6	-977.59	-1213.56	143.92	-3.531e+04	-5603.02	-2.900e+04
						33.1	-985.09	-1275.18	143.92	-3.531e+04	-3220.58	-4.960e+04
91	22	-1.938e+04	-5999.56	0.02	-160.22	0.0	-1142.19	-1643.96	116.33	-5.570e+04	-9850.83	-1.938e+04
		-7.646e+04	-9850.83	-3.46e-04	0.0	16.6	-1151.94	-1724.06	116.33	-5.570e+04	-7925.19	-4.726e+04
						33.1	-1161.69	-1804.17	116.33	-5.570e+04	-5999.56	-7.646e+04
91	25	-1.129e+04	-4101.06	0.01	-123.24	0.0	-766.74	-1058.73	104.28	-3.509e+04	-7553.64	-1.129e+04
		-4.839e+04	-7553.64	-2.52e-04	0.0	16.6	-774.24	-1120.36	104.28	-3.509e+04	-5827.35	-2.933e+04
						33.1	-781.74	-1181.98	104.28	-3.509e+04	-4101.06	-4.839e+04
91	31	-9824.98	-3413.10	0.02	-123.24	0.0	-925.99	-1131.72	135.35	-3.526e+04	-7894.38	-9824.98
		-4.933e+04	-7894.38	-2.91e-04	0.0	16.6	-933.49	-1193.34	135.35	-3.526e+04	-5653.74	-2.907e+04
						33.1	-940.99	-1254.97	135.35	-3.526e+04	-3413.10	-4.933e+04
91	32	-1.182e+04	-3840.96	0.02	-123.24	0.0	-927.41	-1199.35	119.79	-3.857e+04	-7807.06	-1.182e+04
		-5.357e+04	-7807.06	-2.86e-04	0.0	16.6	-934.91	-1260.98	119.79	-3.857e+04	-5824.01	-3.219e+04
						33.1	-942.41	-1322.60	119.79	-3.857e+04	-3840.96	-5.357e+04
91	36	-1.464e+04	-4647.49	0.01	-123.24	0.0	-840.01	-1226.28	86.81	-4.179e+04	-7521.51	-1.464e+04
		-5.728e+04	-7521.51	-2.58e-04	0.0	16.6	-847.51	-1287.90	86.81	-4.179e+04	-6084.50	-3.545e+04
						33.1	-855.01	-1349.52	86.81	-4.179e+04	-4647.49	-5.728e+04
91	37	-1.129e+04	-4101.06	0.01	-123.24	0.0	-766.74	-1058.73	104.28	-3.509e+04	-7553.64	-1.129e+04
		-4.839e+04	-7553.64	-2.52e-04	0.0	16.6	-774.24	-1120.36	104.28	-3.509e+04	-5827.35	-2.933e+04
						33.1	-781.74	-1181.98	104.28	-3.509e+04	-4101.06	-4.839e+04
92	7	-6.454e+04	2114.20	0.02	-160.22	0.0	-1290.68	-1662.34	189.15	-4.591e+04	-4147.97	-6.454e+04
		-1.222e+05	-4147.97	-4.29e-04	0.0	16.6	-1300.43	-1742.44	189.15	-4.591e+04	-1016.88	-9.272e+04
						33.1	-1310.18	-1822.55	189.15	-4.591e+04	2114.20	-1.222e+05
92	8	-7.089e+04	699.63	0.02	-160.22	0.0	-1292.80	-1763.78	165.80	-5.087e+04	-4789.76	-7.089e+04
		-1.319e+05	-4789.76	-4.26e-04	0.0	16.6	-1302.55	-1843.89	165.80	-5.087e+04	-2045.07	-1.008e+05
						33.1	-1312.30	-1924.00	165.80	-5.087e+04	699.63	-1.319e+05
92	9	-4.817e+04	-1030.70	0.01	-123.24	0.0	-746.20	-1165.70	97.31	-3.505e+04	-4252.53	-4.817e+04
		-8.881e+04	-4252.53	-2.77e-04	0.0	16.6	-753.70	-1227.32	97.31	-3.505e+04	-2641.61	-6.798e+04
						33.1	-761.20	-1288.94	97.31	-3.505e+04	-1030.70	-8.881e+04
92	21	-7.583e+04	-3289.96	0.01	-160.22	0.0	-1056.04	-1755.75	95.85	-5.557e+04	-6463.51	-7.583e+04
		-1.366e+05	-6463.51	-3.72e-04	0.0	16.6	-1065.79	-1835.86	95.85	-5.557e+04	-4876.73	-1.056e+05
						33.1	-1075.54	-1915.97	95.85	-5.557e+04	-3289.96	-1.366e+05
92	22	-7.646e+04	-2148.28	0.02	-160.22	0.0	-1161.69	-1804.17	116.33	-5.570e+04	-5999.55	-7.646e+04
		-1.388e+05	-5999.55	-3.94e-04	0.0	16.6	-1171.44	-1884.28	116.33	-5.570e+04	-4073.92	-1.070e+05
						33.1	-1181.19	-1964.39	116.33	-5.570e+04	-2148.28	-1.388e+05
92	25	-4.839e+04	-648.48	0.01	-123.24	0.0	-781.74	-1181.98	104.28	-3.509e+04	-4101.06	-4.839e+04
		-8.956e+04	-4101.06	-2.85e-04	0.0	16.6	-789.24	-1243.60	104.28	-3.509e+04	-2374.77	-6.846e+04
						33.1	-796.74	-1305.22	104.28	-3.509e+04	-648.48	-8.956e+04

92	31	-4.933e+04	1068.19	0.01	-123.24	0.0	-940.99	-1254.97	135.35	-3.526e+04	-3413.10	-4.933e+04
		-9.292e+04	-3413.10	-3.19e-04	0.0	16.6	-948.49	-1316.59	135.35	-3.526e+04	-1172.45	-7.062e+04
						33.1	-955.99	-1378.21	135.35	-3.526e+04	1068.19	-9.292e+04
92	32	-5.357e+04	125.14	0.01	-123.24	0.0	-942.41	-1322.60	119.79	-3.857e+04	-3840.96	-5.357e+04
		-9.940e+04	-3840.96	-3.17e-04	0.0	16.6	-949.91	-1384.22	119.79	-3.857e+04	-1857.91	-7.598e+04
						33.1	-957.41	-1445.84	119.79	-3.857e+04	125.14	-9.940e+04
92	35	-5.686e+04	-2534.59	9.98e-03	-123.24	0.0	-784.57	-1317.24	73.16	-4.170e+04	-4956.79	-5.686e+04
		-1.025e+05	-4956.79	-2.81e-04	0.0	16.6	-792.07	-1378.87	73.16	-4.170e+04	-3745.69	-7.918e+04
						33.1	-799.57	-1440.49	73.16	-4.170e+04	-2534.59	-1.025e+05
92	36	-5.728e+04	-1773.46	0.01	-123.24	0.0	-855.01	-1349.52	86.81	-4.179e+04	-4647.49	-5.728e+04
		-1.040e+05	-4647.49	-2.95e-04	0.0	16.6	-862.51	-1411.15	86.81	-4.179e+04	-3210.48	-8.013e+04
						33.1	-870.01	-1472.77	86.81	-4.179e+04	-1773.46	-1.040e+05
92	37	-4.839e+04	-648.48	0.01	-123.24	0.0	-781.74	-1181.98	104.28	-3.509e+04	-4101.06	-4.839e+04
		-8.956e+04	-4101.06	-2.85e-04	0.0	16.6	-789.24	-1243.60	104.28	-3.509e+04	-2374.77	-6.846e+04
						33.1	-796.74	-1305.22	104.28	-3.509e+04	-648.48	-8.956e+04
93	7	1.111e+04	-5121.64	-4.16e-03	-468.07	0.0	294.68	755.39	364.13	3.479e+04	-1.376e+04	-4398.80
		-4398.80	-1.376e+04	-5.01e-04	0.0	11.6	294.68	521.40	364.13	3.479e+04	-9440.55	4709.28
						23.2	294.68	287.32	364.13	3.479e+04	-5121.64	1.111e+04
93	21	2.336e+04	-942.37	-3.68e-03	-397.42	0.0	79.43	642.29	302.74	3.781e+04	-8171.87	9424.07
		9424.07	-8171.87	-4.05e-04	0.0	11.6	79.43	443.61	302.74	3.781e+04	-4557.12	1.754e+04
						23.2	79.43	244.87	302.74	3.781e+04	-942.37	2.336e+04
93	23	2.097e+04	319.86	-2.70e-03	-287.07	0.0	7.52	463.89	216.70	2.974e+04	-4869.55	1.068e+04
		1.068e+04	-4869.55	-2.87e-04	0.0	11.6	7.52	320.38	216.70	2.974e+04	-2274.85	1.666e+04
						23.2	7.52	176.83	216.70	2.974e+04	319.86	2.097e+04
93	31	9749.16	-3392.05	-3.06e-03	-344.70	0.0	200.87	553.83	266.67	2.643e+04	-9723.02	-1684.10
		-1684.10	-9723.02	-3.67e-04	0.0	11.6	200.87	381.51	266.67	2.643e+04	-6557.53	5030.40
						23.2	200.87	209.13	266.67	2.643e+04	-3392.05	9749.16
93	35	1.792e+04	-605.87	-2.74e-03	-297.60	0.0	57.38	478.43	225.74	2.845e+04	-5997.96	7531.14
		7531.14	-5997.96	-3.03e-04	0.0	11.6	57.38	329.65	225.74	2.845e+04	-3301.91	1.358e+04
						23.2	57.38	180.82	225.74	2.845e+04	-605.87	1.792e+04
93	37	1.346e+04	-1707.31	-2.63e-03	-297.60	0.0	121.68	470.15	225.40	2.542e+04	-7074.92	3549.15
		3549.15	-7074.92	-3.09e-04	0.0	11.6	121.68	321.37	225.40	2.542e+04	-4391.11	9367.17
						23.2	121.68	172.54	225.40	2.542e+04	-1707.31	1.346e+04
94	7	-1.222e+05	8376.31	0.01	-160.22	0.0	-1310.18	-1822.55	189.14	-4.591e+04	2114.25	-1.222e+05
		-1.852e+05	2114.25	-4.11e-04	0.0	16.6	-1319.93	-1902.66	189.14	-4.591e+04	5245.28	-1.531e+05
						33.1	-1329.68	-1982.77	189.14	-4.591e+04	8376.31	-1.852e+05
94	8	-1.319e+05	6188.95	0.01	-160.22	0.0	-1312.30	-1924.00	165.80	-5.087e+04	699.67	-1.319e+05
		-1.983e+05	699.67	-4.20e-04	0.0	16.6	-1322.05	-2004.11	165.80	-5.087e+04	3444.31	-1.645e+05
						33.1	-1331.80	-2084.22	165.80	-5.087e+04	6188.95	-1.983e+05
94	9	-8.881e+04	2191.09	6.12e-03	-123.24	0.0	-761.20	-1288.94	97.31	-3.505e+04	-1030.67	-8.881e+04
		-1.335e+05	-1030.67	-2.85e-04	0.0	16.6	-768.70	-1350.56	97.31	-3.505e+04	580.21	-1.107e+05
						33.1	-776.20	-1412.19	97.31	-3.505e+04	2191.09	-1.335e+05
94	22	-1.388e+05	1702.95	8.81e-03	-160.22	0.0	-1181.19	-1964.39	116.32	-5.570e+04	-2148.23	-1.388e+05
		-2.065e+05	-2148.23	-4.11e-04	0.0	16.6	-1190.94	-2044.50	116.32	-5.570e+04	-222.64	-1.720e+05
						33.1	-1200.69	-2124.61	116.32	-5.570e+04	1702.95	-2.065e+05
94	23	-1.082e+05	-2183.62	3.91e-03	-123.24	0.0	-765.46	-1491.84	50.63	-4.498e+04	-3859.82	-1.082e+05
		-1.597e+05	-3859.82	-3.02e-04	0.0	16.6	-772.96	-1553.46	50.63	-4.498e+04	-3021.72	-1.334e+05
						33.1	-780.46	-1615.08	50.63	-4.498e+04	-2183.62	-1.597e+05
94	25	-8.956e+04	2804.06	6.70e-03	-123.24	0.0	-796.74	-1305.22	104.28	-3.509e+04	-648.45	-8.956e+04
		-1.348e+05	-648.45	-2.90e-04	0.0	16.6	-804.24	-1366.85	104.28	-3.509e+04	1077.81	-1.117e+05
						33.1	-811.74	-1428.47	104.28	-3.509e+04	2804.06	-1.348e+05
94	31	-9.292e+04	5549.43	9.31e-03	-123.24	0.0	-956.00	-1378.21	135.35	-3.526e+04	1068.22	-9.292e+04
		-1.406e+05	1068.22	-3.10e-04	0.0	16.6	-963.50	-1439.83	135.35	-3.526e+04	3308.83	-1.162e+05
						33.1	-971.00	-1501.46	135.35	-3.526e+04	5549.43	-1.406e+05
94	32	-9.940e+04	4091.20	8.58e-03	-123.24	0.0	-957.41	-1445.84	119.79	-3.857e+04	125.18	-9.940e+04
		-1.493e+05	125.18	-3.16e-04	0.0	16.6	-964.91	-1507.46	119.79	-3.857e+04	2108.19	-1.238e+05
						33.1	-972.41	-1569.09	119.79	-3.857e+04	4091.20	-1.493e+05
94	35	-1.025e+05	-112.41	5.23e-03	-123.24	0.0	-799.57	-1440.49	73.16	-4.170e+04	-2534.55	-1.025e+05
		-1.522e+05	-2534.55	-3.01e-04	0.0	16.6	-807.07	-1502.11	73.16	-4.170e+04	-1323.48	-1.269e+05
						33.1	-814.57	-1563.73	73.16	-4.170e+04	-112.41	-1.522e+05
94	36	-1.040e+05	1100.53	6.38e-03	-123.24	0.0	-870.01	-1472.77	86.81	-4.179e+04	-1773.43	-1.040e+05
		-1.548e+05	-1773.43	-3.10e-04	0.0	16.6	-877.51	-1534.39	86.81	-4.179e+04	-336.45	-1.289e+05
						33.1	-885.01	-1596.01	86.81	-4.179e+04	1100.53	-1.548e+05
94	37	-8.956e+04	2804.06	6.70e-03	-123.24	0.0	-796.74	-1305.22	104.28	-3.509e+04	-648.45	-8.956e+04
		-1.348e+05	-648.45	-2.90e-04	0.0	16.6	-804.24	-1366.85	104.28	-3.509e+04	1077.81	-1.117e+05
						33.1	-811.74	-1428.47	104.28	-3.509e+04	2804.06	-1.348e+05
95	7	-1.852e+05	1.464e+04	4.64e-03	-160.22	0.0	-1329.68	-1982.77	189.15	-4.591e+04	8376.24	-1.852e+05
		-2.535e+05	8376.24	-3.44e-04	0.0	16.6	-1339.43	-2062.88	189.15	-4.591e+04	1.151e+04	-2.187e+05
						33.1	-1349.18	-2142.99	189.15	-4.591e+04	1.464e+04	-2.535e+05
95	8	-1.983e+05	1.168e+04	3.22e-03	-160.22	0.0	-1331.80	-2084.22	165.80	-5.087e+04	6188.88	-1.983e+05
		-2.699e+05	6188.88	-3.70e-04	0.0	16.6	-1341.55	-2164.33	165.80	-5.087e+04	8933.52	-2.699e+05
						33.1	-1351.30	-2244.44	165.80	-5.087e+04	1.168e+04	-2.699e+05
95	9	-1.335e+05	5412.86	8.76e-04	-123.24	0.0	-776.20	-1412.19	97.31	-3.505e+04	2191.04	-1.335e+05
		-1.823e+05	2191.04	-2.68e-04	0.0	16.6	-783.70	-1473.81	97.31	-3.505e+04	3801.95	-1.574e+05
						33.1	-791.20	-1535.43	97.31	-3.505e+04	5412.86	-1.823e+05
95	22	-2.065e+05	5554.15	1.04e-03	-160.22	0.0	-1200.69	-2124.61	116.33	-5.570e+04	1702.87	-2.065e+05
		-2.795e+05	1702.87	-3.98e-04	0.0	16.6	-1210.44	-2204.72	116.33	-5.570e+04	3628.51	-2.424e+05

95	23	-1.597e+05	-507.42	-3.50e-03	-123.24	33.1	-1220.19	-2284.83	116.33	-5.570e+04	5554.15	-2.795e+05
		-2.152e+05	-2183.68	-3.20e-04	0.0	0.0	-780.46	-1615.08	50.63	-4.498e+04	-2183.68	-1.597e+05
95	25	-1.348e+05	6256.59	1.17e-03	-123.24	16.6	-787.96	-1676.70	50.63	-4.498e+04	-1345.55	-1.869e+05
		-1.841e+05	2804.01	-2.67e-04	0.0	33.1	-795.46	-1738.33	50.63	-4.498e+04	-507.42	-2.152e+05
95	31	-1.406e+05	1.003e+04	2.88e-03	-123.24	0.0	-811.74	-1428.47	104.28	-3.509e+04	2804.01	-1.348e+05
		-1.923e+05	5549.38	-2.65e-04	0.0	16.6	-819.24	-1490.09	104.28	-3.509e+04	4530.30	-1.590e+05
95	32	-1.493e+05	8057.24	2.03e-03	-123.24	33.1	-826.74	-1551.71	104.28	-3.509e+04	6256.59	-1.841e+05
		-2.033e+05	4091.14	-2.83e-04	0.0	0.0	-970.99	-1501.46	135.35	-3.526e+04	5549.38	-1.406e+05
95	35	-1.522e+05	2309.73	-1.84e-03	-123.24	16.6	-978.49	-1563.08	135.35	-3.526e+04	7790.02	-1.660e+05
		-2.061e+05	-112.47	-3.02e-04	0.0	33.1	-985.99	-1624.70	135.35	-3.526e+04	1.003e+04	-1.923e+05
95	36	-1.548e+05	3974.49	-8.00e-04	-123.24	0.0	-972.41	-1569.09	119.79	-3.857e+04	4091.14	-1.493e+05
		-2.097e+05	1100.47	-3.01e-04	0.0	16.6	-979.91	-1630.71	119.79	-3.857e+04	6074.19	-1.758e+05
95	37	-1.548e+05	6256.59	1.17e-03	-123.24	33.1	-987.41	-1692.33	119.79	-3.857e+04	8057.24	-2.033e+05
		-1.841e+05	2804.01	-2.67e-04	0.0	0.0	-814.57	-1563.73	73.16	-4.170e+04	-112.47	-1.522e+05
96	7	-4.285e+05	-2.549e+05	-0.04	-647.18	16.6	-822.07	-1625.35	73.16	-4.170e+04	1098.63	-1.786e+05
		-6.348e+05	-3.961e+05	-5.50e-03	0.0	33.1	-829.57	-1686.98	73.16	-4.170e+04	2309.73	-2.061e+05
96	8	-4.280e+05	-2.543e+05	-0.04	-647.18	0.0	-885.01	-1596.01	86.81	-4.179e+04	1100.47	-1.548e+05
		-6.339e+05	-3.956e+05	-5.50e-03	0.0	16.6	-892.51	-1657.64	86.81	-4.179e+04	2537.48	-1.817e+05
96	9	-2.546e+05	-1.517e+05	-0.03	-396.58	33.1	-900.01	-1719.26	86.81	-4.179e+04	3974.49	-2.097e+05
		-3.780e+05	-2.363e+05	-3.26e-03	0.0	0.0	-811.74	-1428.47	104.28	-3.509e+04	2804.01	-1.348e+05
96	23	-2.535e+05	-1.506e+05	-0.02	-396.58	16.6	-819.24	-1490.09	104.28	-3.509e+04	4530.30	-1.590e+05
		-3.763e+05	-2.352e+05	-3.27e-03	0.0	33.1	-826.74	-1551.71	104.28	-3.509e+04	6256.59	-1.841e+05
96	25	-2.654e+05	-1.581e+05	-0.03	-411.20	0.0	943.91	6788.37	4450.87	-1.260e+04	-3.961e+05	-5.291e+05
		-3.939e+05	-2.462e+05	-3.40e-03	0.0	15.8	943.91	6464.71	4450.87	-1.260e+04	-3.255e+05	-5.291e+05
96	31	-3.139e+05	-1.868e+05	-0.03	-476.53	31.7	943.91	6141.19	4450.87	-1.260e+04	-2.549e+05	-4.285e+05
		-4.651e+05	-2.903e+05	-4.03e-03	0.0	0.0	952.49	6784.29	4452.00	-1.415e+04	-3.956e+05	-6.339e+05
96	32	-3.135e+05	-1.864e+05	-0.03	-476.53	15.8	952.49	6460.64	4452.00	-1.415e+04	-3.250e+05	-5.284e+05
		-4.645e+05	-2.900e+05	-4.03e-03	0.0	31.7	952.49	6137.12	4452.00	-1.415e+04	-2.543e+05	-4.280e+05
96	35	-2.647e+05	-1.574e+05	-0.03	-411.20	0.0	588.08	4066.85	2666.85	-6770.49	-1.940e+05	-3.147e+05
		-3.928e+05	-2.455e+05	-3.41e-03	0.0	15.8	588.08	3868.53	2666.85	-6770.49	-1.517e+05	-2.546e+05
96	37	-2.654e+05	-1.581e+05	-0.03	-411.20	31.7	588.08	3670.27	2666.85	-6770.49	-1.517e+05	-2.546e+05
		-3.939e+05	-2.462e+05	-3.40e-03	0.0	0.0	605.24	4058.71	2669.10	-9888.90	-2.352e+05	-3.763e+05
97	7	-3.403e+05	-1.188e+05	-0.06	-646.63	15.8	605.24	3860.38	2669.10	-9888.90	-1.929e+05	-3.133e+05
		-4.323e+05	-2.554e+05	-7.37e-03	0.0	31.7	605.24	3662.13	2669.10	-9888.90	-1.506e+05	-2.535e+05
97	8	-3.402e+05	-1.184e+05	-0.06	-646.63	0.0	608.00	4233.41	2775.97	-7190.47	-2.462e+05	-3.939e+05
		-4.318e+05	-2.548e+05	-7.37e-03	0.0	15.8	608.00	4027.77	2775.97	-7190.47	-2.022e+05	-3.280e+05
97	9	-2.022e+05	-7.052e+04	-0.04	-396.27	31.7	608.00	3822.21	2775.97	-7190.47	-2.022e+05	-3.280e+05
		-2.569e+05	-1.520e+05	-4.37e-03	0.0	0.0	697.06	4979.00	3264.63	-9075.44	-2.903e+05	-4.651e+05
97	23	-2.020e+05	-6.975e+04	-0.04	-396.27	15.8	697.06	4740.68	3264.63	-9075.44	-2.385e+05	-3.876e+05
		-2.559e+05	-1.509e+05	-4.37e-03	0.0	31.7	697.06	4502.46	3264.63	-9075.44	-1.868e+05	-3.139e+05
97	25	-2.108e+05	-7.353e+04	-0.04	-410.88	0.0	702.78	4976.28	3265.38	-1.011e+04	-2.900e+05	-4.645e+05
		-2.678e+05	-1.584e+05	-4.56e-03	0.0	15.8	702.78	4737.96	3265.38	-1.011e+04	-2.382e+05	-3.871e+05
97	31	-2.493e+05	-8.697e+04	-0.04	-476.14	31.7	702.78	4499.75	3265.38	-1.011e+04	-1.864e+05	-3.135e+05
		-3.166e+05	-1.871e+05	-5.40e-03	0.0	0.0	619.45	4227.98	2777.48	-9269.41	-2.455e+05	-3.928e+05
97	32	-2.492e+05	-8.671e+04	-0.04	-476.14	15.8	619.45	4022.34	2777.48	-9269.41	-2.014e+05	-3.271e+05
		-3.163e+05	-1.867e+05	-5.40e-03	0.0	31.7	619.45	3816.78	2777.48	-9269.41	-1.574e+05	-2.654e+05
97	35	-2.106e+05	-7.301e+04	-0.04	-410.88	0.0	608.00	4233.41	2775.97	-7190.47	-2.462e+05	-3.939e+05
		-2.672e+05	-1.577e+05	-4.56e-03	0.0	15.8	608.00	4027.77	2775.97	-7190.47	-2.022e+05	-3.280e+05
97	37	-2.108e+05	-7.353e+04	-0.04	-410.88	31.7	608.00	3822.21	2775.97	-7190.47	-1.581e+05	-2.654e+05
		-2.678e+05	-1.584e+05	-4.56e-03	0.0	0.0	2292.81	3645.86	4362.49	-6.602e+04	-2.554e+05	-4.323e+05
98	7	-2.938e+05	-6.993e+04	-0.08	-646.09	15.8	2292.81	3322.48	4362.49	-6.602e+04	-1.871e+05	-3.837e+05
						31.7	2292.81	2999.23	4362.49	-6.602e+04	-1.188e+05	-3.403e+05
						0.0	2303.82	3639.77	4358.04	-6.712e+04	-2.548e+05	-4.318e+05
						15.8	2303.82	3316.39	4358.04	-6.712e+04	-1.866e+05	-3.335e+05
						31.7	2303.82	2993.14	4358.04	-6.712e+04	-1.184e+05	-3.402e+05
						0.0	1394.46	2177.00	2602.70	-3.921e+04	-1.520e+05	-2.569e+05
						15.8	1394.46	1978.82	2602.70	-3.921e+04	-1.113e+05	-2.280e+05
						31.7	1394.46	1780.72	2602.70	-3.921e+04	-7.057e+04	-2.022e+05
						0.0	1416.47	2164.82	2593.81	-4.141e+04	-1.509e+05	-2.559e+05
						15.8	1416.47	1966.64	2593.81	-4.141e+04	-1.103e+05	-2.274e+05
						31.7	1416.47	1768.54	2593.81	-4.141e+04	-6.975e+04	-2.020e+05
						0.0	1447.71	2267.49	2711.26	-4.088e+04	-1.584e+05	-2.678e+05
						15.8	1447.71	2062.01	2711.26	-4.088e+04	-1.160e+05	-2.377e+05
						31.7	1447.71	1856.61	2711.26	-4.088e+04	-7.353e+04	-2.108e+05
						0.0	1686.07	2672.58	3197.45	-4.835e+04	-1.871e+05	-3.166e+05
						15.8	1686.07	2434.46	3197.45	-4.835e+04	-1.370e+05	-2.811e+05
						31.7	1686.07	2196.44	3197.45	-4.835e+04	-8.697e+04	-2.493e+05
						0.0	1693.41	2668.52	3194.49	-4.909e+04	-1.867e+05	-3.163e+05
						15.8	1693.41	2430.40	3194.49	-4.909e+04	-1.367e+05	-2.809e+05
						31.7	1693.41	2192.38	3194.49	-4.909e+04	-8.671e+04	-2.492e+05
						0.0	1462.38	2259.37	2705.34	-4.235e+04	-1.153e+05	-2.373e+05
						15.8	1462.38	2053.89	2705.34	-4.235e+04	-7.301e+04	-2.106e+05
						31.7	1462.38	1848.49	2705.34	-4.235e+04	-4.088e+04	-1.584e+05
						0.0	1447.71	2267.49	2711.26	-4.088e+04	-1.584e+05	-2.678e+05
						15.8	1447.71	2062.01	2711.26	-4.088e+04	-1.160e+05	-2.377e+05
						31.7	1447.71	1856.61	2711.26	-4.088e+04	-7.353e+04	-2.108e+05
						0.0	3922.33	3147.33	1705.83	-4.170e+04	-1.202e+05	-3.521e+05

		-3.521e+05	-1.202e+05	-7.86e-03	0.0	15.8	3922.33	2824.21	1705.83	-4.170e+04	-9.506e+04	-3.204e+05
						31.7	3922.33	2501.24	1705.83	-4.170e+04	-6.993e+04	-2.938e+05
98	8	-2.940e+05	-6.998e+04	-0.08	-646.09	0.0	3934.68	3143.73	1692.58	-4.216e+04	-1.198e+05	-3.520e+05
		-3.520e+05	-1.198e+05	-7.86e-03	0.0	15.8	3934.68	2820.61	1692.58	-4.216e+04	-9.489e+04	-3.204e+05
						31.7	3934.68	2497.64	1692.58	-4.216e+04	-6.998e+04	-2.940e+05
98	9	-1.748e+05	-4.156e+04	-0.04	-395.97	0.0	2367.69	1872.15	1012.59	-2.473e+04	-7.138e+04	-2.092e+05
		-2.092e+05	-7.138e+04	-4.66e-03	0.0	15.8	2367.69	1674.12	1012.59	-2.473e+04	-5.647e+04	-1.905e+05
						31.7	2367.69	1476.18	1012.59	-2.473e+04	-4.156e+04	-1.748e+05
98	25	-1.822e+05	-4.333e+04	-0.05	-410.56	0.0	2461.33	1951.28	1055.78	-2.579e+04	-7.442e+04	-2.181e+05
		-2.181e+05	-7.442e+04	-4.86e-03	0.0	15.8	2461.33	1745.96	1055.78	-2.579e+04	-5.887e+04	-1.985e+05
						31.7	2461.33	1540.72	1055.78	-2.579e+04	-4.333e+04	-1.822e+05
98	31	-2.152e+05	-5.122e+04	-0.06	-475.74	0.0	2880.64	2305.64	1249.20	-3.054e+04	-8.802e+04	-2.579e+05
		-2.579e+05	-8.802e+04	-5.76e-03	0.0	15.8	2880.64	2067.71	1249.20	-3.054e+04	-6.962e+04	-2.347e+05
						31.7	2880.64	1829.89	1249.20	-3.054e+04	-5.122e+04	-2.152e+05
98	32	-2.154e+05	-5.126e+04	-0.06	-475.74	0.0	2888.87	2303.23	1240.36	-3.084e+04	-8.776e+04	-2.578e+05
		-2.578e+05	-8.776e+04	-5.75e-03	0.0	15.8	2888.87	2065.31	1240.36	-3.084e+04	-6.951e+04	-2.347e+05
						31.7	2888.87	1827.49	1240.36	-3.084e+04	-5.126e+04	-2.154e+05
98	37	-1.822e+05	-4.333e+04	-0.05	-410.56	0.0	2461.33	1951.28	1055.78	-2.579e+04	-7.442e+04	-2.181e+05
		-2.181e+05	-7.442e+04	-4.86e-03	0.0	15.8	2461.33	1745.96	1055.78	-2.579e+04	-5.887e+04	-1.985e+05
						31.7	2461.33	1540.72	1055.78	-2.579e+04	-4.333e+04	-1.822e+05
99	7	2.031e+04	788.35	-3.85e-03	-468.39	0.0	547.45	402.79	241.56	3.836e+04	-5017.27	1.286e+04
		1.286e+04	-5017.27	-5.04e-04	0.0	11.6	547.45	168.63	241.56	3.836e+04	-2114.46	1.794e+04
						23.2	547.45	-65.60	241.56	3.836e+04	788.35	2.031e+04
99	15	1.575e+04	650.21	-2.94e-03	-357.96	0.0	415.56	307.17	184.27	2.943e+04	-3779.33	1.006e+04
		1.006e+04	-3779.33	-3.84e-04	0.0	11.6	415.56	128.22	184.27	2.943e+04	-1564.56	1.394e+04
						23.2	415.56	-50.79	184.27	2.943e+04	650.21	1.575e+04
99	21	3.165e+04	3734.02	-3.09e-03	-397.68	0.0	267.49	318.49	187.71	4.020e+04	-832.52	2.520e+04
		2.520e+04	-832.52	-3.93e-04	0.0	11.6	267.49	119.68	187.71	4.020e+04	1450.75	2.957e+04
						23.2	267.49	-79.19	187.71	4.020e+04	3734.02	3.165e+04
99	23	2.709e+04	3595.88	-2.18e-03	-287.25	0.0	135.60	222.87	130.41	3.128e+04	405.42	2.240e+04
		2.240e+04	405.42	-2.73e-04	0.0	11.6	135.60	79.27	130.41	3.128e+04	2000.65	2.558e+04
						23.2	135.60	-64.38	130.41	3.128e+04	3595.88	2.709e+04
99	31	1.651e+04	907.95	-2.79e-03	-344.94	0.0	384.37	291.83	175.38	2.900e+04	-3313.17	1.107e+04
		1.107e+04	-3313.17	-3.67e-04	0.0	11.6	384.37	119.39	175.38	2.900e+04	-1202.61	1.479e+04
						23.2	384.37	-53.11	175.38	2.900e+04	907.95	1.651e+04
99	35	2.407e+04	2871.74	-2.29e-03	-297.80	0.0	197.73	235.63	139.48	3.023e+04	-523.34	1.930e+04
		1.930e+04	-523.34	-2.93e-04	0.0	11.6	197.73	86.75	139.48	3.023e+04	1174.20	2.255e+04
						23.2	197.73	-62.17	139.48	3.023e+04	2871.74	2.407e+04
99	37	1.925e+04	1836.15	-2.28e-03	-297.80	0.0	271.57	236.47	143.31	2.744e+04	-1632.73	1.471e+04
		1.471e+04	-1632.73	-3.04e-04	0.0	11.6	271.57	87.59	143.31	2.744e+04	101.71	1.784e+04
						23.2	271.57	-61.33	143.31	2.744e+04	1836.15	1.925e+04
100	8	-2.538e+05	-1.120e+05	0.01	-465.81	0.0	-533.00	3360.49	1015.64	1.986e+04	-1.357e+05	-3.285e+05
		-3.285e+05	-1.357e+05	1.02e-03	0.0	11.6	-533.00	3127.63	1015.64	1.986e+04	-1.239e+05	-2.898e+05
						23.2	-533.00	2894.68	1015.64	1.986e+04	-1.120e+05	-2.538e+05
100	9	-1.524e+05	-6.674e+04	7.49e-03	-285.79	0.0	-315.10	2059.83	604.25	1.444e+04	-8.082e+04	-1.982e+05
		-1.982e+05	-8.082e+04	5.86e-04	0.0	11.6	-315.10	1916.96	604.25	1.444e+04	-7.378e+04	-1.745e+05
						23.2	-315.10	1774.04	604.25	1.444e+04	-6.674e+04	-1.524e+05
100	25	-1.584e+05	-6.953e+04	7.91e-03	-296.26	0.0	-326.81	2133.68	628.56	1.449e+04	-8.418e+04	-2.058e+05
		-2.058e+05	-8.418e+04	6.15e-04	0.0	11.6	-326.81	1985.58	628.56	1.449e+04	-7.685e+04	-1.812e+05
						23.2	-326.81	1837.42	628.56	1.449e+04	-6.953e+04	-1.584e+05
100	32	-1.863e+05	-8.210e+04	9.63e-03	-343.06	0.0	-391.10	2475.58	744.69	1.514e+04	-9.944e+04	-2.413e+05
		-2.413e+05	-9.944e+04	7.40e-04	0.0	11.6	-391.10	2304.08	744.69	1.514e+04	-9.077e+04	-2.129e+05
						23.2	-391.10	2132.52	744.69	1.514e+04	-8.210e+04	-1.863e+05
100	37	-1.584e+05	-6.953e+04	7.91e-03	-296.26	0.0	-326.81	2133.68	628.56	1.449e+04	-8.418e+04	-2.058e+05
		-2.058e+05	-8.418e+04	6.15e-04	0.0	11.6	-326.81	1985.58	628.56	1.449e+04	-7.685e+04	-1.812e+05
						23.2	-326.81	1837.42	628.56	1.449e+04	-6.953e+04	-1.584e+05
101	7	7.778e+04	9734.73	1.30e-03	-759.41	0.0	626.37	35.71	-57.88	2.295e+04	9734.73	7.746e+04
		6.646e+04	7375.60	-2.73e-04	0.0	20.4	626.37	-343.37	-57.88	2.295e+04	8555.16	7.583e+04
						40.8	626.37	-723.70	-57.88	2.295e+04	7375.60	6.646e+04
101	8	7.875e+04	9482.57	1.31e-03	-759.41	0.0	628.42	19.62	-55.23	2.511e+04	9482.57	7.847e+04
		6.713e+04	7231.52	-2.59e-04	0.0	20.4	628.42	-359.46	-55.23	2.511e+04	8357.05	7.667e+04
						40.8	628.42	-739.79	-55.23	2.511e+04	7231.52	6.713e+04
101	9	4.949e+04	5266.80	8.67e-04	-468.50	0.0	371.00	-7.10	-29.77	1.714e+04	5266.80	4.939e+04
		4.184e+04	4053.37	-1.46e-04	0.0	20.4	371.00	-240.99	-29.77	1.714e+04	4660.08	4.801e+04
						40.8	371.00	-475.59	-29.77	1.714e+04	4053.37	4.184e+04
101	23	5.145e+04	4762.49	8.95e-04	-468.50	0.0	375.10	-39.27	-24.47	2.147e+04	4762.49	5.141e+04
		4.318e+04	3765.22	-1.19e-04	0.0	20.4	375.10	-273.17	-24.47	2.147e+04	4263.85	4.968e+04
						40.8	375.10	-507.77	-24.47	2.147e+04	3765.22	4.318e+04
101	25	5.098e+04	5586.54	8.86e-04	-485.11	0.0	386.94	-2.15	-31.89	1.722e+04	5586.54	5.086e+04
		4.318e+04	4286.64	-1.55e-04	0.0	20.4	386.94	-244.33	-31.89	1.722e+04	4936.59	4.949e+04
						40.8	386.94	-487.26	-31.89	1.722e+04	4286.64	4.318e+04
101	31	5.766e+04	7021.53	9.70e-04	-559.88	0.0	458.54	20.22	-41.43	1.755e+04	7021.53	5.745e+04
		4.918e+04	5333.10	-1.96e-04	0.0	20.4	458.54	-259.26	-41.43	1.755e+04	6177.32	5.616e+04
						40.8	458.54	-539.66	-41.43	1.755e+04	5333.10	4.918e+04
101	32	5.830e+04	6853.43	9.79e-04	-559.88	0.0	459.91	9.49	-39.66	1.899e+04	6853.43	5.812e+04
		4.962e+04	5237.05	-1.87e-04	0.0	20.4	459.91	-269.99	-39.66	1.899e+04	6045.24	5.672e+04
						40.8	459.91	-550.38	-39.66	1.899e+04	5237.05	4.962e+04

101	35	5.227e+04 4.407e+04	5250.34 4094.54	9.04e-04 -1.37e-04	-485.11 0.0	0.0 20.4	389.68 389.68	-23.60 -265.78	-28.36 -28.36	2.010e+04 2.010e+04	5250.34 4672.44	5.220e+04 5.061e+04
						40.8	389.68	-508.71	-28.36	2.010e+04	4094.54	4.407e+04
101	37	5.098e+04 4.318e+04	5586.54 4286.64	8.86e-04 -1.55e-04	-485.11 0.0	0.0 20.4	386.94 386.94	-2.15 -244.33	-31.89 -31.89	1.722e+04 1.722e+04	5586.54 4936.59	5.086e+04 4.949e+04
						40.8	386.94	-487.26	-31.89	1.722e+04	4286.64	4.318e+04
102	1	262.33 -1.549e+04	1.816e+04 -3.136e+04	3.70e-03 -0.01	-280.71 0.0	0.0 72.0	-334.15 -339.32	32.94 -107.42	343.75 343.75	3.504e+04 3.504e+04	-3.136e+04 -6602.86	-14.90 -2696.97
						144.1	-344.50	-247.77	343.75	3.504e+04	1.816e+04	-1.549e+04
102	7	124.62 -1.670e+04	2.172e+04 -3.728e+04	4.48e-03 -0.02	-280.71 0.0	0.0 72.0	-438.27 -443.44	24.58 -115.77	409.58 409.58	4.170e+04 4.170e+04	-3.728e+04 -7778.82	-17.74 -3301.72
						144.1	-448.62	-256.13	409.58	4.170e+04	2.172e+04	-1.670e+04
102	8	124.43 -1.670e+04	2.169e+04 -3.727e+04	4.47e-03 -0.02	-280.71 0.0	0.0 72.0	-443.15 -448.33	24.56 -115.79	409.28 409.28	4.170e+04 4.170e+04	-3.727e+04 -7788.53	-17.74 -3303.23
						144.1	-453.51	-256.15	409.28	4.170e+04	2.169e+04	-1.670e+04
102	9	242.06 -1.160e+04	1.303e+04 -2.257e+04	2.64e-03 -0.01	-215.93 0.0	0.0 72.0	-229.60 -233.58	27.53 -80.43	247.11 247.11	2.520e+04 2.520e+04	-2.257e+04 -4769.89	-10.72 -1915.77
						144.1	-237.57	-188.40	247.11	2.520e+04	1.303e+04	-1.160e+04
102	25	219.30 -1.178e+04	1.356e+04 -2.345e+04	2.76e-03 -0.01	-215.93 0.0	0.0 72.0	-245.11 -249.09	26.29 -81.67	256.90 256.90	2.619e+04 2.619e+04	-2.345e+04 -4944.68	-11.14 -2005.54
						144.1	-253.08	-189.64	256.90	2.619e+04	1.356e+04	-1.178e+04
102	31	117.09 -1.258e+04	1.594e+04 -2.739e+04	3.28e-03 -0.01	-215.93 0.0	0.0 72.0	-314.52 -318.50	20.72 -87.24	300.78 300.78	3.063e+04 3.063e+04	-2.739e+04 -5728.65	-13.03 -2408.70
						144.1	-322.49	-195.21	300.78	3.063e+04	1.594e+04	-1.258e+04
102	32	116.84 -1.258e+04	1.592e+04 -2.739e+04	3.27e-03 -0.01	-215.93 0.0	0.0 72.0	-317.78 -321.76	20.71 -87.26	300.59 300.59	3.063e+04 3.063e+04	-2.739e+04 -5735.12	-13.03 -2409.71
						144.1	-325.75	-195.22	300.59	3.063e+04	1.592e+04	-1.258e+04
102	37	219.30 -1.178e+04	1.356e+04 -2.345e+04	2.76e-03 -0.01	-215.93 0.0	0.0 72.0	-245.11 -249.09	26.29 -81.67	256.90 256.90	2.619e+04 2.619e+04	-2.345e+04 -4944.68	-11.14 -2005.54
						144.1	-253.08	-189.64	256.90	2.619e+04	1.356e+04	-1.178e+04
103	7	2.123e+04 6528.77	3.553e+04 2.986e+04	-4.37e-03 -7.30e-04	-98.29 0.0	0.0 7.6	483.45 491.65	1220.01 1170.90	371.67 371.67	7.641e+04 7.641e+04	2.986e+04 3.270e+04	6528.77 1.406e+04
						15.2	499.85	1121.72	371.67	7.641e+04	3.553e+04	2.123e+04
103	8	2.156e+04 6106.66	3.570e+04 3.016e+04	-4.60e-03 -7.21e-04	-98.29 0.0	0.0 7.6	385.35 393.55	1267.12 1218.00	363.77 363.77	7.560e+04 7.560e+04	3.016e+04 3.293e+04	6106.66 1.402e+04
						15.2	401.75	1168.83	363.77	7.560e+04	3.570e+04	2.156e+04
103	9	1.436e+04 2767.66	2.209e+04 1.898e+04	-3.48e-03 -4.16e-04	-75.42 0.0	0.0 7.6	-24.96 -18.67	921.83 884.14	204.13 204.13	4.625e+04 4.625e+04	1.898e+04 2.053e+04	2767.66 8708.67
						15.2	-12.38	846.41	204.13	4.625e+04	2.209e+04	1.436e+04
103	23	1.504e+04 1923.43	2.244e+04 1.957e+04	-3.94e-03 -3.97e-04	-75.42 0.0	0.0 7.6	-221.16 -214.87	1016.05 978.36	188.33 188.33	4.463e+04 4.463e+04	1.957e+04 2.101e+04	1923.43 8625.91
						15.2	-208.57	940.63	188.33	4.463e+04	2.244e+04	1.504e+04
103	25	1.465e+04 3092.99	2.285e+04 1.955e+04	-3.46e-03 -4.37e-04	-75.45 0.0	0.0 7.6	32.26 38.55	924.23 886.53	215.92 215.92	4.806e+04 4.806e+04	1.955e+04 2.120e+04	3092.99 9013.09
						15.2	44.85	848.78	215.92	4.806e+04	2.285e+04	1.465e+04
103	31	1.591e+04 4548.02	2.623e+04 2.213e+04	-3.38e-03 -5.31e-04	-75.57 0.0	0.0 7.6	288.45 294.75	934.97 897.21	268.70 268.70	5.614e+04 5.614e+04	2.213e+04 2.418e+04	4548.02 1.037e+04
						15.2	301.06	859.40	268.70	5.614e+04	2.623e+04	1.591e+04
103	32	1.614e+04 4266.62	2.635e+04 2.233e+04	-3.54e-03 -5.25e-04	-75.57 0.0	0.0 7.6	223.05 229.36	966.38 928.61	263.44 263.44	5.560e+04 5.560e+04	2.233e+04 2.434e+04	4266.62 1.035e+04
						15.2	235.66	890.81	263.44	5.560e+04	2.635e+04	1.614e+04
103	35	1.510e+04 2530.17	2.308e+04 1.995e+04	-3.77e-03 -4.24e-04	-75.45 0.0	0.0 7.6	-98.54 -92.25	987.04 949.34	205.39 205.39	4.698e+04 4.698e+04	1.995e+04 2.152e+04	2530.17 8957.92
						15.2	-85.95	911.59	205.39	4.698e+04	2.308e+04	1.510e+04
103	37	1.465e+04 3092.99	2.285e+04 1.955e+04	-3.46e-03 -4.37e-04	-75.45 0.0	0.0 7.6	32.26 38.55	924.23 886.53	215.92 215.92	4.806e+04 4.806e+04	1.955e+04 2.120e+04	3092.99 9013.09
						15.2	44.85	848.78	215.92	4.806e+04	2.285e+04	1.465e+04
104	7	6.210e+04 4.180e+04	6.625e+04 4.891e+04	-6.90e-03 -1.27e-03	-198.41 0.0	0.0 15.2	-1376.41 -1359.88	964.03 864.96	569.78 569.78	8.193e+04 8.193e+04	4.891e+04 6.625e+04	4.180e+04 6.210e+04
						30.4	-1343.30	765.63	569.78	8.193e+04	6.625e+04	4.180e+04
104	9	4.793e+04 3.175e+04	3.870e+04 2.932e+04	-5.60e-03 -7.13e-04	-151.87 0.0	0.0 15.2	-1043.01 -1030.35	725.54 649.68	308.12 308.12	4.975e+04 4.975e+04	2.932e+04 3.401e+04	3.175e+04 4.042e+04
						30.4	-1017.66	573.67	308.12	4.975e+04	3.870e+04	4.793e+04
104	21	6.801e+04 4.497e+04	5.321e+04 4.054e+04	-7.98e-03 -9.74e-04	-197.68 0.0	0.0 15.2	-1490.37 -1473.89	1017.45 918.71	415.94 415.94	6.837e+04 6.837e+04	4.054e+04 4.687e+04	4.497e+04 5.724e+04
						30.4	-1457.38	819.77	415.94	6.837e+04	5.321e+04	6.801e+04
104	22	6.794e+04 4.514e+04	5.844e+04 4.409e+04	-7.85e-03 -1.09e-03	-198.00 0.0	0.0 15.2	-1496.82 -1480.32	1024.29 925.40	471.53 471.53	7.403e+04 7.403e+04	4.409e+04 5.127e+04	4.514e+04 5.729e+04
						30.4	-1463.78	826.28	471.53	7.403e+04	5.844e+04	6.794e+04
104	23	5.368e+04 3.531e+04	3.753e+04 2.899e+04	-6.40e-03 -6.74e-04	-151.87 0.0	0.0 15.2	-1172.13 -1159.47	794.47 718.61	280.31 280.31	4.904e+04 4.904e+04	2.899e+04 3.753e+04	3.531e+04 5.368e+04
						30.4	-1146.78	642.60	280.31	4.904e+04	3.753e+04	5.368e+04
104	25	4.791e+04 3.181e+04	4.047e+04 3.051e+04	-5.56e-03 -7.50e-04	-151.98 0.0	0.0 15.2	-1045.33 -1032.66	727.86 651.94	326.90 326.90	5.167e+04 5.167e+04	3.051e+04 3.549e+04	3.181e+04 4.044e+04
						30.4	-1019.97	575.88	326.90	5.167e+04	4.047e+04	4.791e+04
104	31	4.781e+04 3.207e+04	4.838e+04 3.587e+04	-5.37e-03 -9.19e-04	-152.46 0.0	0.0 15.2	-1055.44 -1042.73	738.19 662.06	410.92 410.92	6.023e+04 6.023e+04	3.587e+04 4.213e+04	3.207e+04 4.052e+04

104	35	5.174e+04	3.969e+04	-6.09e-03	-151.98	30.4	-1029.99	585.73	410.92	6.023e+04	4.838e+04	4.781e+04
		3.418e+04	3.030e+04	-7.24e-04	0.0	0.0	-1131.41	773.80	308.36	5.119e+04	3.030e+04	3.418e+04
104	36	5.170e+04	4.318e+04	-6.00e-03	-152.19	15.2	-1118.74	697.89	308.36	5.119e+04	3.499e+04	4.354e+04
		3.430e+04	3.266e+04	-7.99e-04	0.0	30.4	-1106.05	621.83	308.36	5.119e+04	3.969e+04	5.174e+04
104	37	4.791e+04	4.047e+04	-5.56e-03	-151.98	0.0	-1135.71	778.36	345.42	5.497e+04	3.266e+04	3.430e+04
		3.181e+04	3.051e+04	-7.50e-04	0.0	15.2	-1123.02	702.35	345.42	5.497e+04	3.792e+04	4.358e+04
105	7	7.231e+04	8.710e+04	-2.31e-03	-99.86	30.4	-1110.31	626.17	345.42	5.497e+04	4.318e+04	5.170e+04
		6.613e+04	7.630e+04	-5.21e-04	0.0	0.0	-1045.33	727.86	326.90	5.167e+04	3.051e+04	3.181e+04
105	8	7.599e+04	8.605e+04	-2.45e-03	-99.86	15.2	-1032.66	651.94	326.90	5.167e+04	3.549e+04	4.044e+04
		6.945e+04	7.549e+04	-5.12e-04	0.0	30.4	-1019.97	575.88	326.90	5.167e+04	4.047e+04	4.791e+04
105	9	5.694e+04	5.006e+04	-1.91e-03	-76.30	0.0	-3020.73	659.44	709.29	8.345e+04	7.630e+04	6.613e+04
		5.193e+04	4.417e+04	-2.91e-04	0.0	7.6	-3012.41	609.54	709.29	8.345e+04	8.170e+04	5.170e+04
105	15	5.567e+04	6.646e+04	-1.78e-03	-76.80	15.2	-3004.07	559.58	709.29	8.345e+04	8.710e+04	7.231e+04
		5.090e+04	5.823e+04	-3.97e-04	0.0	0.0	-3054.00	682.16	693.93	8.343e+04	7.549e+04	6.945e+04
105	21	8.094e+04	6.861e+04	-2.73e-03	-99.36	7.6	-3045.67	632.26	693.93	8.343e+04	8.077e+04	7.291e+04
		7.381e+04	6.061e+04	-3.97e-04	0.0	15.2	-3037.34	582.30	693.93	8.343e+04	8.605e+04	7.599e+04
105	23	6.429e+04	4.797e+04	-2.20e-03	-76.30	0.0	-1942.21	488.87	387.36	5.070e+04	4.417e+04	5.193e+04
		5.858e+04	4.254e+04	-2.73e-04	0.0	7.6	-1935.85	450.74	387.36	5.070e+04	4.711e+04	5.458e+04
105	25	5.675e+04	5.250e+04	-1.89e-03	-76.38	15.2	-1929.48	412.57	387.36	5.070e+04	5.006e+04	5.694e+04
		5.178e+04	4.626e+04	-3.06e-04	0.0	0.0	-2311.36	506.67	540.56	6.376e+04	5.823e+04	5.090e+04
105	31	5.590e+04	6.343e+04	-1.80e-03	-76.71	7.6	-2304.95	468.30	540.56	6.376e+04	6.234e+04	5.343e+04
		5.109e+04	5.564e+04	-3.78e-04	0.0	15.2	-2298.54	429.88	540.56	6.376e+04	6.646e+04	5.567e+04
105	32	5.835e+04	6.274e+04	-1.90e-03	-76.71	0.0	-2718.12	687.08	525.38	7.034e+04	6.061e+04	7.381e+04
		5.331e+04	5.510e+04	-3.72e-04	0.0	7.6	-2709.83	637.42	525.38	7.034e+04	6.461e+04	7.556e+04
105	35	6.165e+04	5.111e+04	-2.08e-03	-76.38	15.2	-2701.54	587.71	525.38	7.034e+04	6.861e+04	8.094e+04
		5.621e+04	4.518e+04	-2.95e-04	0.0	0.0	-2008.74	534.31	356.65	5.065e+04	4.254e+04	5.858e+04
105	37	5.675e+04	5.250e+04	-1.89e-03	-76.38	7.6	-2002.38	496.18	356.65	5.065e+04	4.525e+04	6.158e+04
		5.178e+04	4.626e+04	-3.06e-04	0.0	15.2	-1996.01	458.01	356.65	5.065e+04	4.797e+04	6.429e+04
106	7	7.560e+04	1.361e+05	-7.85e-04	-201.54	0.0	-1997.30	491.52	410.20	5.265e+04	4.626e+04	5.178e+04
		7.435e+04	1.105e+05	-5.49e-04	0.0	7.6	-1990.93	453.36	410.20	5.265e+04	4.938e+04	5.441e+04
106	15	5.825e+04	1.038e+05	-6.09e-04	-154.98	15.2	-1984.56	415.15	410.20	5.265e+04	5.250e+04	5.675e+04
		5.728e+04	8.431e+04	-4.18e-04	0.0	0.0	-4800.37	339.74	512.33	6.136e+04	5.564e+04	5.109e+04
106	21	8.692e+04	1.055e+05	-1.09e-03	-200.19	7.6	-4783.58	239.10	512.33	6.136e+04	5.954e+04	5.364e+04
		8.522e+04	8.612e+04	-4.09e-04	0.0	15.2	-4766.74	138.20	512.33	6.136e+04	6.343e+04	5.590e+04
106	23	6.958e+04	7.319e+04	-9.19e-04	-153.63	0.0	-3667.62	260.61	502.09	6.134e+04	5.510e+04	5.331e+04
		6.814e+04	5.991e+04	-2.79e-04	0.0	7.6	-3654.70	183.21	502.09	6.134e+04	5.892e+04	5.598e+04
106	31	5.876e+04	9.891e+04	-6.36e-04	-154.74	15.2	-4043.03	329.32	502.09	6.134e+04	6.274e+04	5.835e+04
		5.775e+04	8.037e+04	-3.96e-04	0.0	30.4	-4026.34	229.33	389.72	5.261e+04	4.518e+04	5.621e+04
106	35	6.631e+04	7.849e+04	-8.42e-04	-153.84	0.0	-4009.62	129.13	389.72	5.261e+04	4.814e+04	5.908e+04
		6.500e+04	6.410e+04	-3.04e-04	0.0	15.2	-2910.28	250.19	389.72	5.261e+04	5.111e+04	6.165e+04
106	37	6.064e+04	8.112e+04	-7.34e-04	-153.84	0.0	-2897.47	173.44	410.20	5.265e+04	4.626e+04	5.178e+04
		5.947e+04	6.613e+04	-3.18e-04	0.0	7.6	-2884.64	96.55	410.20	5.265e+04	4.938e+04	5.441e+04
107	7	6.909e+04	1.646e+05	9.66e-04	-101.42	15.2	-3528.74	256.54	410.20	5.265e+04	5.250e+04	5.675e+04
		6.548e+04	1.499e+05	-3.66e-05	0.0	0.0	-3515.85	179.26	841.50	8.583e+04	1.105e+05	7.435e+04
107	15	5.327e+04	1.255e+05	7.43e-04	-77.99	30.4	-3502.92	101.80	841.50	8.583e+04	1.233e+05	7.554e+04
		5.050e+04	1.143e+05	-2.78e-05	0.0	0.0	-3023.85	249.59	841.50	8.583e+04	1.361e+05	7.521e+04
107	21	8.123e+04	1.273e+05	1.02e-03	-100.62	15.2	-3011.03	172.75	641.55	6.558e+04	8.431e+04	5.728e+04
		7.748e+04	1.160e+05	-2.29e-05	0.0	30.4	-2998.18	95.76	641.55	6.558e+04	9.407e+04	5.820e+04
107	23	6.541e+04	8.828e+04	7.96e-04	-77.18	0.0	-3026.06	241.82	641.55	6.558e+04	1.038e+05	5.795e+04
		6.250e+04	8.045e+04	-1.42e-05	0.0	15.2	-3013.24	164.98	636.35	7.323e+04	8.612e+04	5.522e+04
107	31	5.395e+04	1.196e+05	7.39e-04	-77.84	30.4	-3000.39	87.98	636.35	7.323e+04	1.055e+05	8.673e+04
						0.0	-6341.55	30.29	636.35	7.323e+04	1.055e+05	8.673e+04
						7.6	-6333.10	-20.39	436.39	5.298e+04	5.991e+04	6.814e+04
						15.2	-6324.63	-71.13	436.39	5.298e+04	6.655e+04	6.939e+04
						0.0	-4842.00	22.44	436.39	5.298e+04	7.319e+04	6.947e+04
						7.6	-4835.50	-16.53	609.33	6.310e+04	8.037e+04	5.775e+04
						15.2	-4828.99	-55.55	609.33	6.310e+04	8.964e+04	5.871e+04
						0.0	-5182.53	-8.73	609.33	6.310e+04	9.891e+04	5.849e+04
						7.6	-5174.14	-59.01	472.56	5.470e+04	6.410e+04	6.500e+04
						15.2	-5165.74	-109.35	472.56	5.470e+04	7.130e+04	6.617e+04
						0.0	-3682.98	-16.58	472.56	5.470e+04	7.849e+04	6.617e+04
						7.6	-3676.54	-55.16	492.79	5.414e+04	6.613e+04	5.947e+04
						15.2	-3670.10	-93.77	492.79	5.414e+04	7.362e+04	6.054e+04
						0.0	-4640.85	17.63	492.79	5.414e+04	8.112e+04	6.045e+04
									965.08	8.900e+04	1.499e+05	6.909e+04
									965.08	8.900e+04	1.573e+05	6.748e+04
									965.08	8.900e+04	1.646e+05	6.548e+04
									736.00	6.800e+04	1.143e+05	5.327e+04
									736.00	6.800e+04	1.199e+05	5.203e+04
									736.00	6.800e+04	1.255e+05	5.050e+04
									743.30	7.647e+04	1.160e+05	8.123e+04
									743.30	7.647e+04	1.217e+05	7.955e+04
									743.30	7.647e+04	1.273e+05	7.748e+04
									514.22	5.547e+04	8.045e+04	6.541e+04
									514.22	5.547e+04	8.437e+04	6.410e+04
									514.22	5.547e+04	8.828e+04	6.250e+04
									700.40	6.542e+04	1.089e+05	5.395e+04

		5.120e+04	1.089e+05	-2.58e-05	0.0	7.6	-4634.36	-21.27	700.40	6.542e+04	1.142e+05	5.272e+04
						15.2	-4627.86	-60.21	700.40	6.542e+04	1.196e+05	5.120e+04
107	35	6.205e+04	9.472e+04	7.74e-04	-77.30	0.0	-3868.17	-8.38	552.54	5.707e+04	8.632e+04	6.205e+04
		5.920e+04	8.632e+04	-1.67e-05	0.0	7.6	-3861.72	-47.02	552.54	5.707e+04	9.052e+04	6.077e+04
						15.2	-3855.27	-85.69	552.54	5.707e+04	9.472e+04	5.920e+04
107	37	5.643e+04	9.794e+04	7.24e-04	-77.30	0.0	-3912.85	0.24	571.60	5.610e+04	8.925e+04	5.643e+04
		5.376e+04	8.925e+04	-1.85e-05	0.0	7.6	-3906.41	-38.40	571.60	5.610e+04	9.360e+04	5.524e+04
						15.2	-3899.95	-77.07	571.60	5.610e+04	9.794e+04	5.376e+04
108	7	4.780e+04	2.394e+05	4.78e-03	-204.67	0.0	-7919.35	-236.13	1371.01	1.001e+05	1.977e+05	4.780e+04
		3.037e+04	1.977e+05	8.06e-04	0.0	15.2	-7902.30	-338.33	1371.01	1.001e+05	2.186e+05	3.986e+04
						30.4	-7885.20	-440.79	1371.01	1.001e+05	2.394e+05	3.037e+04
108	15	3.693e+04	1.826e+05	3.69e-03	-157.37	0.0	-6044.00	-182.95	1046.26	7.646e+04	1.508e+05	3.693e+04
		2.352e+04	1.508e+05	6.15e-04	0.0	15.2	-6030.89	-261.54	1046.26	7.646e+04	1.667e+05	3.082e+04
						30.4	-6017.74	-340.32	1046.26	7.646e+04	1.826e+05	2.352e+04
108	21	5.967e+04	1.866e+05	5.50e-03	-202.69	0.0	-6333.86	-322.52	1095.48	8.646e+04	1.532e+05	5.967e+04
		4.050e+04	1.532e+05	6.33e-04	0.0	15.2	-6316.97	-423.76	1095.48	8.646e+04	1.699e+05	5.086e+04
						30.4	-6300.04	-525.21	1095.48	8.646e+04	1.866e+05	4.050e+04
108	23	4.880e+04	1.298e+05	4.40e-03	-155.40	0.0	-4458.52	-269.34	770.74	6.285e+04	1.063e+05	4.880e+04
		3.365e+04	1.063e+05	4.42e-04	0.0	15.2	-4445.56	-346.97	770.74	6.285e+04	1.180e+05	4.181e+04
						30.4	-4432.58	-424.74	770.74	6.285e+04	1.298e+05	3.365e+04
108	31	3.782e+04	1.741e+05	3.72e-03	-157.01	0.0	-5777.55	-190.29	999.55	7.353e+04	1.437e+05	3.782e+04
		2.439e+04	1.437e+05	5.87e-04	0.0	15.2	-5764.47	-268.70	999.55	7.353e+04	1.589e+05	3.170e+04
						30.4	-5751.35	-347.29	999.55	7.353e+04	1.741e+05	2.439e+04
108	35	4.573e+04	1.388e+05	4.20e-03	-155.69	0.0	-4720.56	-247.88	815.86	6.446e+04	1.140e+05	4.573e+04
		3.115e+04	1.140e+05	4.72e-04	0.0	15.2	-4707.58	-325.65	815.86	6.446e+04	1.264e+05	3.903e+04
						30.4	-4694.58	-403.57	815.86	6.446e+04	1.388e+05	3.115e+04
108	37	4.105e+04	1.430e+05	3.84e-03	-155.69	0.0	-4813.30	-216.84	830.53	6.295e+04	1.178e+05	4.105e+04
		2.755e+04	1.178e+05	4.86e-04	0.0	15.2	-4800.32	-294.61	830.53	6.295e+04	1.304e+05	3.489e+04
						30.4	-4787.32	-372.53	830.53	6.295e+04	1.430e+05	2.755e+04
109	7	1.497e+04	2.968e+05	2.88e-03	-102.98	0.0	-9164.26	-499.42	2053.06	1.182e+05	2.656e+05	1.497e+04
		2813.83	2.656e+05	7.93e-04	0.0	7.6	-9155.67	-550.88	2053.06	1.182e+05	2.812e+05	9085.28
						15.2	-9147.07	-602.41	2053.06	1.182e+05	2.968e+05	2813.83
109	15	1.169e+04	2.264e+05	2.22e-03	-79.18	0.0	-6991.98	-385.82	1567.52	9.032e+04	2.026e+05	1.169e+04
		2332.22	2.026e+05	6.05e-04	0.0	7.6	-6985.37	-425.39	1567.52	9.032e+04	2.145e+05	7159.53
						15.2	-6978.76	-465.00	1567.52	9.032e+04	2.264e+05	2332.22
109	21	2.444e+04	2.334e+05	3.42e-03	-101.87	0.0	-7219.38	-618.26	1685.19	1.020e+05	2.078e+05	2.444e+04
		1.091e+04	2.078e+05	6.17e-04	0.0	7.6	-7210.88	-669.17	1685.19	1.020e+05	2.206e+05	1.787e+04
						15.2	-7202.38	-720.13	1685.19	1.020e+05	2.334e+05	1.091e+04
109	23	2.116e+04	1.631e+05	2.76e-03	-78.07	0.0	-5047.09	-504.66	1199.65	7.409e+04	1.448e+05	2.116e+04
		1.043e+04	1.448e+05	4.29e-04	0.0	7.6	-5040.58	-543.68	1199.65	7.409e+04	1.539e+05	1.594e+04
						15.2	-5034.07	-582.73	1199.65	7.409e+04	1.631e+05	1.043e+04
109	31	1.266e+04	2.160e+05	2.25e-03	-78.98	0.0	-6671.60	-395.03	1501.81	8.683e+04	1.931e+05	1.266e+04
		3268.19	1.931e+05	5.77e-04	0.0	7.6	-6665.01	-434.49	1501.81	8.683e+04	2.046e+05	8112.84
						15.2	-6658.42	-474.01	1501.81	8.683e+04	2.160e+05	3268.19
109	35	1.897e+04	1.737e+05	2.62e-03	-78.23	0.0	-5375.01	-474.26	1256.56	7.601e+04	1.546e+05	1.897e+04
		8667.71	1.546e+05	4.59e-04	0.0	7.6	-5368.49	-513.35	1256.56	7.601e+04	1.642e+05	1.397e+04
						15.2	-5361.96	-552.49	1256.56	7.601e+04	1.737e+05	8667.71
109	37	1.617e+04	1.782e+05	2.37e-03	-78.23	0.0	-5512.23	-428.35	1264.07	7.418e+04	1.590e+05	1.617e+04
		6655.02	1.590e+05	4.74e-04	0.0	7.6	-5505.71	-467.45	1264.07	7.418e+04	1.686e+05	1.156e+04
						15.2	-5499.17	-506.59	1264.07	7.418e+04	1.782e+05	6655.02
110	7	-3.372e+04	4.951e+05	4.79e-03	-207.79	0.0	-1.029e+04	-872.48	3799.92	1.837e+05	3.796e+05	-3.372e+04
		-7.327e+04	3.796e+05	3.09e-03	0.0	15.2	-1.027e+04	-976.25	3799.92	1.837e+05	4.373e+05	-5.271e+04
						30.4	-1.025e+04	-1080.28	3799.92	1.837e+05	4.951e+05	-7.327e+04
110	8	-3.370e+04	4.920e+05	5.18e-03	-207.79	0.0	-1.015e+04	-917.45	3808.91	1.853e+05	3.762e+05	-3.370e+04
		-7.477e+04	3.762e+05	3.05e-03	0.0	15.2	-1.013e+04	-1021.22	3808.91	1.853e+05	4.341e+05	-5.345e+04
						30.4	-1.011e+04	-1125.25	3808.91	1.853e+05	4.920e+05	-7.477e+04
110	23	-1.991e+04	2.823e+05	5.13e-03	-157.16	0.0	-5553.23	-802.17	2300.18	1.135e+05	2.124e+05	-1.991e+04
		-5.304e+04	2.124e+05	1.68e-03	0.0	15.2	-5540.13	-880.68	2300.18	1.135e+05	2.474e+05	-3.588e+04
						30.4	-5527.00	-959.33	2300.18	1.135e+05	2.823e+05	-5.304e+04
110	31	-2.468e+04	3.614e+05	3.82e-03	-159.28	0.0	-7474.72	-679.78	2788.25	1.348e+05	2.767e+05	-2.468e+04
		-5.503e+04	2.767e+05	2.25e-03	0.0	15.2	-7461.45	-759.33	2788.25	1.348e+05	3.190e+05	-3.925e+04
						30.4	-7448.14	-839.06	2788.25	1.348e+05	3.614e+05	-5.503e+04
110	32	-2.466e+04	3.594e+05	4.08e-03	-159.28	0.0	-7382.68	-709.76	2794.24	1.358e+05	2.744e+05	-2.466e+04
		-5.603e+04	2.744e+05	2.22e-03	0.0	15.2	-7369.41	-789.31	2794.24	1.358e+05	3.169e+05	-3.974e+04
						30.4	-7356.10	-869.04	2794.24	1.358e+05	3.594e+05	-5.603e+04
110	35	-2.079e+04	2.977e+05	4.77e-03	-157.55	0.0	-5946.00	-766.26	2386.66	1.169e+05	2.252e+05	-2.079e+04
		-5.295e+04	2.252e+05	1.80e-03	0.0	15.2	-5932.87	-844.96	2386.66	1.169e+05	2.614e+05	-3.627e+04
						30.4	-5919.71	-923.81	2386.66	1.169e+05	2.977e+05	-5.295e+04
110	37	-2.082e+04	3.018e+05	4.25e-03	-157.55	0.0	-6130.09	-706.30	2374.67	1.148e+05	2.296e+05	-2.082e+04
		-5.095e+04	2.296e+05	1.85e-03	0.0	15.2	-6116.95	-785.00	2374.67	1.148e+05	2.657e+05	-3.529e+04
						30.4	-6103.80	-863.85	2374.67	1.148e+05	3.018e+05	-5.095e+04
111	7	-1.073e+05	6.176e+05	9.27e-04	-104.55	0.0	-1.106e+04	-1842.81	3869.45	2.902e+05	5.588e+05	-1.073e+05
		-1.427e+05	5.588e+05	2.45e-03	0.0	7.6	-1.105e+04	-1895.06	3869.45	2.902e+05	5.882e+05	-1.248e+05
						15.2	-1.104e+04	-1947.36	3869.45	2.902e+05	6.176e+05	-1.427e+05
111	8	-1.096e+05	6.149e+05	1.09e-03	-104.55	0.0	-1.090e+04	-1891.46	3879.38	2.919e+05	5.559e+05	-1.096e+05
		-1.459e+05	5.559e+05	2.43e-03	0.0	7.6	-1.089e+04	-1943.70	3879.38	2.919e+05	5.854e+05	-1.275e+05
						15.2	-1.088e+04	-1996.01	3879.38	2.919e+05	6.149e+05	-1.459e+05

111	9-7.409e+04	3.622e+05	1.17e-03	-78.95	0.0	-6227.52	-1351.96	2323.29	1.741e+05	3.269e+05	-7.409e+04
	-9.923e+04	3.269e+05	1.41e-03	0.0	7.6	-6220.94	-1391.42	2323.29	1.741e+05	3.445e+05	-8.651e+04
					15.2	-6214.35	-1430.91	2323.29	1.741e+05	3.622e+05	-9.923e+04
111	23-7.885e+04	3.567e+05	1.50e-03	-78.95	0.0	-5908.63	-1449.26	2343.17	1.774e+05	3.211e+05	-7.885e+04
	-1.056e+05	3.211e+05	1.36e-03	0.0	7.6	-5902.05	-1488.71	2343.17	1.774e+05	3.389e+05	-9.208e+04
					15.2	-5895.46	-1528.20	2343.17	1.774e+05	3.567e+05	-1.056e+05
111	25-7.530e+04	3.785e+05	1.10e-03	-79.16	0.0	-6556.66	-1361.42	2417.56	1.812e+05	3.417e+05	-7.530e+04
	-1.007e+05	3.417e+05	1.48e-03	0.0	7.6	-6550.06	-1400.98	2417.56	1.812e+05	3.601e+05	-8.788e+04
					15.2	-6543.45	-1440.58	2417.56	1.812e+05	3.785e+05	-1.007e+05
111	31-8.074e+04	4.514e+05	8.09e-04	-80.11	0.0	-8028.34	-1403.76	2839.13	2.129e+05	4.082e+05	-8.074e+04
	-1.075e+05	4.082e+05	1.79e-03	0.0	7.6	-8021.66	-1443.79	2839.13	2.129e+05	4.298e+05	-9.398e+04
					15.2	-8014.97	-1483.87	2839.13	2.129e+05	4.514e+05	-1.075e+05
111	32-8.233e+04	4.495e+05	9.19e-04	-80.11	0.0	-7922.05	-1436.19	2845.75	2.140e+05	4.063e+05	-8.233e+04
	-1.097e+05	4.063e+05	1.77e-03	0.0	7.6	-7915.37	-1476.22	2845.75	2.140e+05	4.279e+05	-9.584e+04
					15.2	-7908.68	-1516.30	2845.75	2.140e+05	4.495e+05	-1.097e+05
111	35-7.848e+04	3.748e+05	1.32e-03	-79.16	0.0	-6344.07	-1426.29	2430.81	1.834e+05	3.564e+05	-9.159e+04
	-1.050e+05	3.379e+05	1.44e-03	0.0	7.6	-6337.47	-1465.85	2430.81	1.834e+05	3.748e+05	-1.050e+05
					15.2	-6330.86	-1505.45	2430.81	1.834e+05	3.748e+05	-1.050e+05
111	37-7.530e+04	3.785e+05	1.10e-03	-79.16	0.0	-6556.66	-1361.42	2417.56	1.812e+05	3.417e+05	-7.530e+04
	-1.007e+05	3.417e+05	1.48e-03	0.0	7.6	-6550.06	-1400.98	2417.56	1.812e+05	3.601e+05	-8.788e+04
					15.2	-6543.45	-1440.58	2417.56	1.812e+05	3.785e+05	-1.007e+05
112	8-9.914e+04	8.585e+04	-0.02	-481.49	0.0	-1129.07	4129.78	-901.80	-1.833e+04	8.585e+04	-1.955e+05
	-1.955e+05	6.362e+04	4.46e-04	0.0	12.3	-1138.85	3889.25	-901.80	-1.833e+04	7.474e+04	-1.458e+05
					24.6	-1148.65	3648.29	-901.80	-1.833e+04	6.362e+04	-9.914e+04
112	9-6.354e+04	5.770e+04	-0.01	-304.02	0.0	-884.66	2670.75	-582.28	-1.321e+04	5.770e+04	-1.261e+05
	-1.261e+05	4.333e+04	2.70e-04	0.0	12.3	-890.84	2518.86	-582.28	-1.321e+04	5.051e+04	-9.387e+04
					24.6	-897.03	2366.73	-582.28	-1.321e+04	4.333e+04	-6.354e+04
112	15-7.457e+04	6.310e+04	-0.01	-368.36	0.0	-741.80	3104.20	-678.41	-1.194e+04	6.310e+04	-1.468e+05
	-1.468e+05	4.638e+04	3.45e-04	0.0	12.3	-749.28	2920.18	-678.41	-1.194e+04	5.474e+04	-1.095e+05
					24.6	-756.78	2735.84	-678.41	-1.194e+04	4.638e+04	-7.457e+04
112	21-8.986e+04	8.407e+04	-0.02	-417.14	0.0	-1442.99	3773.04	-821.69	-2.244e+04	8.407e+04	-1.786e+05
	-1.786e+05	6.378e+04	3.66e-04	0.0	12.3	-1451.47	3564.64	-821.69	-2.244e+04	7.392e+04	-1.329e+05
					24.6	-1459.96	3355.90	-821.69	-2.244e+04	6.378e+04	-8.986e+04
112	22-9.475e+04	8.648e+04	-0.02	-445.75	0.0	-1380.33	3965.75	-864.51	-2.185e+04	8.648e+04	-1.878e+05
	-1.878e+05	6.515e+04	3.99e-04	0.0	12.3	-1389.39	3743.07	-864.51	-2.185e+04	7.582e+04	-1.399e+05
					24.6	-1398.46	3520.01	-864.51	-2.185e+04	6.515e+04	-9.475e+04
112	25-6.518e+04	5.849e+04	-0.01	-313.55	0.0	-863.27	2734.95	-596.50	-1.303e+04	5.849e+04	-1.291e+05
	-1.291e+05	4.378e+04	2.81e-04	0.0	12.3	-869.64	2578.30	-596.50	-1.303e+04	5.114e+04	-9.619e+04
					24.6	-876.03	2421.40	-596.50	-1.303e+04	4.378e+04	-6.518e+04
112	31-7.253e+04	6.209e+04	-0.01	-356.45	0.0	-768.03	3023.91	-660.58	-1.218e+04	6.209e+04	-1.429e+05
	-1.429e+05	4.581e+04	3.31e-04	0.0	12.3	-775.27	2845.84	-660.58	-1.218e+04	5.395e+04	-1.066e+05
					24.6	-782.53	2667.47	-660.58	-1.218e+04	4.581e+04	-7.253e+04
112	32-7.369e+04	6.450e+04	-0.01	-356.45	0.0	-882.07	3075.05	-671.26	-1.408e+04	6.450e+04	-1.455e+05
	-1.455e+05	4.795e+04	3.27e-04	0.0	12.3	-889.32	2896.98	-671.26	-1.408e+04	5.623e+04	-1.085e+05
					24.6	-896.57	2718.61	-671.26	-1.408e+04	4.795e+04	-7.369e+04
112	35-6.750e+04	6.331e+04	-0.01	-313.55	0.0	-1091.36	2837.22	-617.85	-1.682e+04	6.331e+04	-1.342e+05
	-1.342e+05	4.806e+04	2.74e-04	0.0	12.3	-1097.73	2680.57	-617.85	-1.682e+04	5.569e+04	-9.990e+04
					24.6	-1104.11	2523.67	-617.85	-1.682e+04	4.806e+04	-6.750e+04
112	36-7.077e+04	6.492e+04	-0.01	-332.62	0.0	-1049.58	2965.70	-646.40	-1.643e+04	6.492e+04	-1.404e+05
	-1.404e+05	4.897e+04	2.96e-04	0.0	12.3	-1056.34	2799.53	-646.40	-1.643e+04	5.695e+04	-1.045e+05
					24.6	-1063.11	2633.08	-646.40	-1.643e+04	4.897e+04	-7.077e+04
112	37-6.518e+04	5.849e+04	-0.01	-313.55	0.0	-863.27	2734.95	-596.50	-1.303e+04	5.849e+04	-1.291e+05
	-1.291e+05	4.378e+04	2.81e-04	0.0	12.3	-869.64	2578.30	-596.50	-1.303e+04	5.114e+04	-9.619e+04
					24.6	-876.03	2421.40	-596.50	-1.303e+04	4.378e+04	-6.518e+04
113	7 4.705e+04	3.349e+04	-0.02	-484.88	0.0	-1390.56	2949.85	-1164.11	1.176e+04	3.349e+04	-1.931e+04
	-1.931e+04	4870.89	6.59e-04	0.0	12.3	-1400.41	2707.63	-1164.11	1.176e+04	1.918e+04	1.536e+04
					24.6	-1410.28	2464.97	-1164.11	1.176e+04	4870.89	4.705e+04
113	8 4.872e+04	3.609e+04	-0.02	-484.88	0.0	-1557.53	3004.73	-1192.91	9795.53	3.609e+04	-1.913e+04
	-1.913e+04	6747.39	6.66e-04	0.0	12.3	-1567.39	2762.50	-1192.91	9795.53	2.142e+04	1.628e+04
					24.6	-1577.26	2519.85	-1192.91	9795.53	6747.39	4.872e+04
113	15 3.608e+04	2.576e+04	-0.02	-370.95	0.0	-1072.63	2259.21	-891.89	8928.22	2.576e+04	-1.475e+04
	-1.475e+04	3830.46	5.05e-04	0.0	12.3	-1080.17	2073.90	-891.89	8928.22	1.480e+04	1.181e+04
					24.6	-1087.72	1888.27	-891.89	8928.22	3830.46	3.608e+04
113	21 4.688e+04	3.838e+04	-0.02	-419.86	0.0	-1807.48	2742.58	-1106.33	3923.59	3.838e+04	-1.568e+04
	-1.568e+04	1.114e+04	5.90e-04	0.0	12.3	-1816.01	2532.82	-1106.33	3923.59	2.476e+04	1.689e+04
					24.6	-1824.56	2322.72	-1106.33	3923.59	1.114e+04	4.688e+04
113	22 4.845e+04	3.852e+04	-0.02	-448.76	0.0	-1771.39	2883.54	-1157.68	5679.75	3.852e+04	-1.713e+04
	-1.713e+04	1.003e+04	6.27e-04	0.0	12.3	-1780.51	2659.35	-1157.68	5679.75	2.428e+04	1.704e+04
					24.6	-1789.65	2434.78	-1157.68	5679.75	1.003e+04	4.845e+04
113	31 3.543e+04	2.570e+04	-0.02	-358.91	0.0	-1087.79	2200.49	-870.51	8199.10	2.570e+04	-1.415e+04
	-1.415e+04	4293.82	4.89e-04	0.0	12.3	-1095.08	2021.19	-870.51	8199.10	1.500e+04	1.175e+04
					24.6	-1102.39	1841.58	-870.51	8199.10	4293.82	3.543e+04
113	32 3.655e+04	2.743e+04	-0.02	-358.91	0.0	-1199.10	2237.07	-889.70	6892.55	2.743e+04	-1.403e+04
	-1.403e+04	5544.82	4.94e-04	0.0	12.3	-1206.40	2057.77	-889.70	6892.55	1.649e+04	1.236e+04
					24.6	-1213.70	1878.16	-889.70	6892.55	5544.82	3.655e+04
113	35 3.532e+04	2.896e+04	-0.01	-315.56	0.0	-1365.73	2062.30	-831.98	2977.92	2.896e+04	-1.173e+04
	-1.173e+04	8473.59	4.43e-04	0.0	12.3	-1372.15	1904.65	-831.98	2977.92	1.871e+04	1.277e+04

						24.6	-1378.57	1746.74	-831.98	2977.92	8473.59	3.532e+04
113	36	3.636e+04	2.905e+04	-0.02	-334.83	0.0	-1341.68	2156.28	-866.22	4148.69	2.905e+04	-1.269e+04
		-1.269e+04	7734.63	4.68e-04	0.0	12.3	-1348.48	1989.01	-866.22	4148.69	1.839e+04	1.287e+04
						24.6	-1355.30	1821.46	-866.22	4148.69	7734.63	3.636e+04
113	37	3.309e+04	2.550e+04	-0.01	-315.56	0.0	-1143.10	1989.13	-793.59	5591.03	2.550e+04	-1.197e+04
		-1.197e+04	5971.59	4.34e-04	0.0	12.3	-1149.51	1831.48	-793.59	5591.03	1.573e+04	1.153e+04
						24.6	-1155.94	1673.58	-793.59	5591.03	5971.59	3.309e+04
114	7	1.500e+05	-2.280e+04	-0.02	-488.28	0.0	-1842.78	2165.09	-1018.15	1.605e+04	-2.280e+04	1.030e+05
		1.030e+05	-4.783e+04	6.09e-04	0.0	12.3	-1852.70	1921.17	-1018.15	1.605e+04	-3.531e+04	1.280e+05
						24.6	-1862.64	1676.81	-1018.15	1.605e+04	-4.783e+04	1.500e+05
114	8	1.540e+05	-2.168e+04	-0.02	-488.28	0.0	-2000.54	2202.98	-1046.96	1.473e+04	-2.168e+04	1.061e+05
		1.061e+05	-4.742e+04	6.22e-04	0.0	12.3	-2010.46	1959.06	-1046.96	1.473e+04	-3.455e+04	1.316e+05
						24.6	-2020.40	1714.70	-1046.96	1.473e+04	-4.742e+04	1.540e+05
114	9	1.010e+05	-1.221e+04	-0.01	-307.84	0.0	-1428.91	1421.16	-684.34	8576.31	-1.221e+04	6.987e+04
		6.987e+04	-2.904e+04	4.00e-04	0.0	12.3	-1435.17	1267.36	-684.34	8576.31	-2.063e+04	8.636e+04
						24.6	-1441.44	1113.32	-684.34	8576.31	-2.904e+04	1.010e+05
114	15	1.149e+05	-1.737e+04	-0.01	-373.54	0.0	-1418.19	1658.05	-780.21	1.224e+04	-1.737e+04	7.897e+04
		7.897e+04	-3.655e+04	4.66e-04	0.0	12.3	-1425.78	1471.44	-780.21	1.224e+04	-2.696e+04	9.810e+04
						24.6	-1433.39	1284.51	-780.21	1.224e+04	-3.655e+04	1.149e+05
114	21	1.442e+05	-1.540e+04	-0.02	-422.57	0.0	-2169.02	2003.98	-979.88	9738.33	-1.540e+04	1.000e+05
		1.000e+05	-3.951e+04	5.68e-04	0.0	12.3	-2177.61	1792.86	-979.88	9738.33	-2.746e+04	1.234e+05
						24.6	-2186.21	1581.40	-979.88	9738.33	-3.951e+04	1.442e+05
114	23	1.091e+05	-9974.13	-0.01	-307.84	0.0	-1744.44	1496.94	-741.94	5926.51	-9974.13	7.596e+04
		7.596e+04	-2.824e+04	4.25e-04	0.0	12.3	-1750.69	1343.14	-741.94	5926.51	-1.910e+04	9.349e+04
						24.6	-1756.96	1189.10	-741.94	5926.51	-2.824e+04	1.091e+05
114	25	1.030e+05	-1.298e+04	-0.01	-317.57	0.0	-1427.14	1456.24	-698.53	9114.97	-1.298e+04	7.121e+04
		7.121e+04	-3.016e+04	4.10e-04	0.0	12.3	-1433.59	1297.58	-698.53	9114.97	-2.157e+04	8.810e+04
						24.6	-1440.06	1138.67	-698.53	9114.97	-3.016e+04	1.030e+05
114	31	1.123e+05	-1.642e+04	-0.01	-361.37	0.0	-1419.99	1614.17	-762.45	1.156e+04	-1.642e+04	7.729e+04
		7.729e+04	-3.516e+04	4.54e-04	0.0	12.3	-1427.33	1433.64	-762.45	1.156e+04	-2.579e+04	9.592e+04
						24.6	-1434.69	1252.80	-762.45	1.156e+04	-3.516e+04	1.123e+05
114	32	1.151e+05	-1.567e+04	-0.01	-361.37	0.0	-1525.16	1639.43	-781.65	1.067e+04	-1.567e+04	7.932e+04
		7.932e+04	-3.489e+04	4.63e-04	0.0	12.3	-1532.51	1458.90	-781.65	1.067e+04	-2.528e+04	9.830e+04
						24.6	-1539.86	1278.06	-781.65	1.067e+04	-3.489e+04	1.151e+05
114	35	1.085e+05	-1.149e+04	-0.01	-317.57	0.0	-1637.48	1506.76	-736.93	7348.44	-1.149e+04	7.528e+04
		7.528e+04	-2.962e+04	4.27e-04	0.0	12.3	-1643.94	1348.10	-736.93	7348.44	-2.055e+04	9.285e+04
						24.6	-1650.40	1189.19	-736.93	7348.44	-2.962e+04	1.085e+05
114	37	1.030e+05	-1.298e+04	-0.01	-317.57	0.0	-1427.14	1456.24	-698.53	9114.97	-1.298e+04	7.121e+04
		7.121e+04	-3.016e+04	4.10e-04	0.0	12.3	-1433.59	1297.58	-698.53	9114.97	-2.157e+04	8.810e+04
						24.6	-1440.06	1138.67	-698.53	9114.97	-3.016e+04	1.030e+05
115	8	2.216e+05	-6.932e+04	-0.01	-491.68	0.0	-2313.63	1438.66	-708.37	1.099e+04	-6.932e+04	1.924e+05
		1.924e+05	-8.674e+04	3.64e-04	0.0	12.3	-2323.62	1193.03	-708.37	1.099e+04	-7.803e+04	2.085e+05
						24.6	-2333.63	946.98	-708.37	1.099e+04	-8.674e+04	2.216e+05
115	9	1.447e+05	-4.339e+04	-7.42e-03	-309.76	0.0	-1615.78	925.15	-464.97	6655.69	-4.339e+04	1.258e+05
		1.258e+05	-5.483e+04	2.39e-04	0.0	12.3	-1622.08	770.39	-464.97	6655.69	-4.911e+04	1.362e+05
						24.6	-1628.38	615.40	-464.97	6655.69	-5.483e+04	1.447e+05
115	22	2.156e+05	-6.431e+04	-0.01	-454.81	0.0	-2431.46	1372.00	-696.06	8920.57	-6.431e+04	1.875e+05
		1.875e+05	-8.143e+04	3.59e-04	0.0	12.3	-2440.70	1144.79	-696.06	8920.57	-7.287e+04	2.029e+05
						24.6	-2449.96	917.19	-696.06	8920.57	-8.143e+04	2.156e+05
115	25	1.478e+05	-4.479e+04	-7.59e-03	-319.59	0.0	-1623.14	948.79	-474.05	6997.71	-4.479e+04	1.285e+05
		1.285e+05	-5.645e+04	2.44e-04	0.0	12.3	-1629.64	789.12	-474.05	6997.71	-5.062e+04	1.391e+05
						24.6	-1636.14	629.20	-474.05	6997.71	-5.645e+04	1.478e+05
115	32	1.654e+05	-5.125e+04	-8.52e-03	-363.85	0.0	-1753.93	1069.85	-529.41	8029.90	-5.125e+04	1.436e+05
		1.436e+05	-6.427e+04	2.72e-04	0.0	12.3	-1761.33	888.09	-529.41	8029.90	-5.776e+04	1.556e+05
						24.6	-1768.74	706.01	-529.41	8029.90	-6.427e+04	1.654e+05
115	36	1.614e+05	-4.791e+04	-8.28e-03	-339.26	0.0	-1832.48	1025.41	-521.20	6652.06	-4.791e+04	1.404e+05
		1.404e+05	-6.073e+04	2.69e-04	0.0	12.3	-1839.38	855.92	-521.20	6652.06	-5.432e+04	1.519e+05
						24.6	-1846.29	686.15	-521.20	6652.06	-6.073e+04	1.614e+05
115	37	1.478e+05	-4.479e+04	-7.59e-03	-319.59	0.0	-1623.14	948.79	-474.05	6997.71	-4.479e+04	1.285e+05
		1.285e+05	-5.645e+04	2.44e-04	0.0	12.3	-1629.64	789.12	-474.05	6997.71	-5.062e+04	1.391e+05
						24.6	-1636.14	629.20	-474.05	6997.71	-5.645e+04	1.478e+05
116	8	2.515e+05	-9.925e+04	-2.47e-03	-495.10	0.0	-2424.94	669.12	-299.81	4266.02	-9.925e+04	2.412e+05
		2.412e+05	-1.066e+05	-3.17e-05	0.0	12.3	-2435.00	421.78	-299.81	4266.02	-1.029e+05	2.479e+05
						24.6	-2445.08	174.02	-299.81	4266.02	-1.066e+05	2.515e+05
116	9	1.640e+05	-6.307e+04	-1.57e-03	-311.68	0.0	-1670.59	426.59	-199.53	2868.33	-6.307e+04	1.574e+05
		1.574e+05	-6.798e+04	-1.23e-05	0.0	12.3	-1676.93	270.87	-199.53	2868.33	-6.552e+04	1.617e+05
						24.6	-1683.27	114.91	-199.53	2868.33	-6.798e+04	1.640e+05
116	22	2.444e+05	-9.380e+04	-2.35e-03	-457.84	0.0	-2503.32	630.69	-300.13	3681.58	-9.380e+04	2.346e+05
		2.346e+05	-1.012e+05	1.60e-05	0.0	12.3	-2512.62	401.96	-300.13	3681.58	-9.749e+04	2.409e+05
						24.6	-2521.94	172.85	-300.13	3681.58	-1.012e+05	2.444e+05
116	25	1.676e+05	-6.485e+04	-1.62e-03	-321.61	0.0	-1684.18	438.54	-202.66	2954.17	-6.485e+04	1.640e+05
		1.608e+05	-6.983e+04	-1.49e-05	0.0	12.3	-1690.71	277.86	-202.66	2954.17	-6.734e+04	1.652e+05
						24.6	-1697.26	116.93	-202.66	2954.17	-6.983e+04	1.676e+05
116	32	1.877e+05	-7.363e+04	-1.83e-03	-366.32	0.0	-1832.13	496.58	-224.81	3180.68	-7.363e+04	1.800e+05
		1.800e+05	-7.916e+04	-2.14e-05	0.0	12.3	-1839.57	313.58	-224.81	3180.68	-7.639e+04	1.850e+05
						24.6	-1847.03	130.26	-224.81	3180.68	-7.916e+04	1.877e+05
116	36	1.829e+05	-7.000e+04	-1.76e-03	-341.49	0.0	-1884.38	470.97	-225.02	2791.05	-7.000e+04	1.756e+05

		1.756e+05	-7.553e+04	1.23e-05	0.0	12.3	-1891.32	300.36	-225.02	2791.05	-7.276e+04	1.803e+05
						24.6	-1898.27	129.48	-225.02	2791.05	-7.553e+04	1.829e+05
116	37	1.676e+05	-6.485e+04	-1.62e-03	-321.61	0.0	-1684.18	438.54	-202.66	2954.17	-6.485e+04	1.608e+05
		1.608e+05	-6.983e+04	-1.49e-05	0.0	12.3	-1690.71	277.86	-202.66	2954.17	-6.734e+04	1.652e+05
						24.6	-1697.26	116.93	-202.66	2954.17	-6.983e+04	1.676e+05
117	8	2.524e+05	-1.054e+05	7.29e-03	-498.52	0.0	-2306.46	-102.81	134.55	-2643.44	-1.087e+05	2.524e+05
		2.439e+05	-1.087e+05	-4.85e-04	0.0	12.3	-2316.59	-351.86	134.55	-2643.44	-1.071e+05	2.497e+05
						24.6	-2326.74	-601.33	134.55	-2643.44	-1.054e+05	2.439e+05
117	9	1.645e+05	-6.740e+04	4.78e-03	-313.60	0.0	-1575.31	-72.71	83.05	-987.79	-6.944e+04	1.645e+05
		1.589e+05	-6.944e+04	-3.02e-04	0.0	12.3	-1581.69	-229.39	83.05	-987.79	-6.842e+04	1.627e+05
						24.6	-1588.07	-386.31	83.05	-987.79	-6.740e+04	1.589e+05
117	22	2.452e+05	-1.004e+05	7.12e-03	-460.88	0.0	-2353.60	-111.83	121.62	-1655.21	-1.034e+05	2.452e+05
		2.368e+05	-1.034e+05	-4.47e-04	0.0	12.3	-2362.96	-342.08	121.62	-1655.21	-1.019e+05	2.424e+05
						24.6	-2372.34	-572.71	121.62	-1655.21	-1.004e+05	2.368e+05
117	25	1.681e+05	-6.918e+04	4.88e-03	-323.64	0.0	-1591.77	-72.65	86.14	-1172.99	-7.129e+04	1.681e+05
		1.624e+05	-7.129e+04	-3.13e-04	0.0	12.3	-1598.35	-234.34	86.14	-1172.99	-7.024e+04	1.662e+05
						24.6	-1604.94	-396.29	86.14	-1172.99	-6.918e+04	1.624e+05
117	32	1.883e+05	-7.830e+04	5.44e-03	-368.81	0.0	-1738.90	-78.27	99.13	-1795.23	-8.074e+04	1.883e+05
		1.819e+05	-8.074e+04	-3.59e-04	0.0	12.3	-1746.40	-262.51	99.13	-1795.23	-7.952e+04	1.863e+05
						24.6	-1753.91	-447.07	99.13	-1795.23	-7.830e+04	1.819e+05
117	36	1.835e+05	-7.500e+04	5.34e-03	-343.72	0.0	-1770.33	-84.28	90.51	-1136.41	-7.722e+04	1.835e+05
		1.772e+05	-7.722e+04	-3.33e-04	0.0	12.3	-1777.31	-256.00	90.51	-1136.41	-7.611e+04	1.814e+05
						24.6	-1784.31	-427.99	90.51	-1136.41	-7.500e+04	1.772e+05
117	37	1.681e+05	-6.918e+04	4.88e-03	-323.64	0.0	-1591.77	-72.65	86.14	-1172.99	-7.129e+04	1.681e+05
		1.624e+05	-7.129e+04	-3.13e-04	0.0	12.3	-1598.35	-234.34	86.14	-1172.99	-7.024e+04	1.662e+05
						24.6	-1604.94	-396.29	86.14	-1172.99	-6.918e+04	1.624e+05
118	8	2.260e+05	-8.272e+04	0.02	-498.95	0.0	-1964.64	-872.70	568.65	-6933.72	-9.670e+04	2.260e+05
		1.986e+05	-9.670e+04	-9.14e-04	0.0	12.3	-1974.80	-1122.42	568.65	-6933.72	-8.971e+04	2.139e+05
						24.6	-1984.94	-1371.65	568.65	-6933.72	-8.272e+04	1.986e+05
118	9	1.472e+05	-5.282e+04	0.01	-313.85	0.0	-1334.42	-569.66	366.39	-3071.86	-6.183e+04	1.472e+05
		1.294e+05	-6.183e+04	-5.77e-04	0.0	12.3	-1340.81	-726.72	366.39	-3071.86	-5.733e+04	1.392e+05
						24.6	-1347.18	-883.50	366.39	-3071.86	-5.282e+04	1.294e+05
118	22	2.194e+05	-7.879e+04	0.02	-461.27	0.0	-1988.84	-850.87	544.66	-4336.73	-9.218e+04	2.194e+05
		1.928e+05	-9.218e+04	-8.57e-04	0.0	12.3	-1998.23	-1081.73	544.66	-4336.73	-8.549e+04	2.075e+05
						24.6	-2007.60	-1312.14	544.66	-4336.73	-7.879e+04	1.928e+05
118	25	1.504e+05	-5.423e+04	0.01	-323.90	0.0	-1350.45	-581.69	375.48	-3506.32	-6.346e+04	1.504e+05
		1.322e+05	-6.346e+04	-5.95e-04	0.0	12.3	-1357.04	-743.78	375.48	-3506.32	-5.884e+04	1.423e+05
						24.6	-1363.62	-905.58	375.48	-3506.32	-5.423e+04	1.322e+05
118	32	1.686e+05	-6.144e+04	0.01	-369.12	0.0	-1479.14	-651.34	423.11	-4800.35	-7.184e+04	1.686e+05
		1.481e+05	-7.184e+04	-6.77e-04	0.0	12.3	-1486.65	-836.08	423.11	-4800.35	-6.664e+04	1.595e+05
						24.6	-1494.15	-1020.46	423.11	-4800.35	-6.144e+04	1.481e+05
118	36	1.642e+05	-5.882e+04	0.01	-344.00	0.0	-1495.26	-636.79	407.11	-3069.03	-6.883e+04	1.642e+05
		1.443e+05	-6.883e+04	-6.39e-04	0.0	12.3	-1502.27	-808.95	407.11	-3069.03	-6.383e+04	1.553e+05
						24.6	-1509.26	-980.79	407.11	-3069.03	-5.882e+04	1.443e+05
118	37	1.504e+05	-5.423e+04	0.01	-323.90	0.0	-1350.45	-581.69	375.48	-3506.32	-6.346e+04	1.504e+05
		1.322e+05	-6.346e+04	-5.95e-04	0.0	12.3	-1357.04	-743.78	375.48	-3506.32	-5.884e+04	1.423e+05
						24.6	-1363.62	-905.58	375.48	-3506.32	-5.423e+04	1.322e+05
119	8	1.618e+05	-4.208e+04	0.02	-494.99	0.0	-1454.10	-1693.40	893.04	-2473.66	-6.404e+04	1.618e+05
		1.142e+05	-6.404e+04	-1.23e-03	0.0	12.3	-1464.18	-1941.14	893.04	-2473.66	-5.306e+04	1.395e+05
						24.6	-1474.23	-2188.39	893.04	-2473.66	-4.208e+04	1.142e+05
119	9	1.053e+05	-2.649e+04	0.02	-311.62	0.0	-984.48	-1099.10	578.63	667.44	-4.072e+04	1.053e+05
		7.445e+04	-4.072e+04	-7.77e-04	0.0	12.3	-990.82	-1255.05	578.63	667.44	-3.360e+04	9.085e+04
						24.6	-997.16	-1410.72	578.63	667.44	-2.649e+04	7.445e+04
119	22	1.570e+05	-3.957e+04	0.02	-457.75	0.0	-1463.46	-1637.75	861.97	1700.52	-6.078e+04	1.570e+05
		1.110e+05	-6.078e+04	-1.15e-03	0.0	12.3	-1472.78	-1866.84	861.97	1700.52	-5.017e+04	1.354e+05
						24.6	-1482.08	-2095.49	861.97	1700.52	-3.957e+04	1.110e+05
119	25	1.077e+05	-2.728e+04	0.02	-321.55	0.0	-997.34	-1124.12	592.06	78.23	-4.185e+04	1.077e+05
		7.606e+04	-4.185e+04	-8.00e-04	0.0	12.3	-1003.88	-1285.04	592.06	78.23	-3.456e+04	9.284e+04
						24.6	-1010.42	-1445.67	592.06	78.23	-2.728e+04	7.606e+04
119	32	1.207e+05	-3.116e+04	0.02	-366.25	0.0	-1093.81	-1262.14	665.35	-1245.86	-4.753e+04	1.207e+05
		8.521e+04	-4.753e+04	-9.09e-04	0.0	12.3	-1101.26	-1445.44	665.35	-1245.86	-3.934e+04	1.041e+05
						24.6	-1108.71	-1628.38	665.35	-1245.86	-3.116e+04	8.521e+04
119	36	1.175e+05	-2.949e+04	0.02	-341.42	0.0	-1100.05	-1225.04	644.63	1536.92	-4.535e+04	1.175e+05
		8.309e+04	-4.535e+04	-8.62e-04	0.0	12.3	-1107.00	-1395.90	644.63	1536.92	-3.742e+04	1.013e+05
						24.6	-1113.94	-1566.45	644.63	1536.92	-2.949e+04	8.309e+04
119	37	1.077e+05	-2.728e+04	0.02	-321.55	0.0	-997.34	-1124.12	592.06	78.23	-4.185e+04	1.077e+05
		7.606e+04	-4.185e+04	-8.00e-04	0.0	12.3	-1003.88	-1285.04	592.06	78.23	-3.456e+04	9.284e+04
						24.6	-1010.42	-1445.67	592.06	78.23	-2.728e+04	7.606e+04
120	7	5.147e+04	-3930.78	0.03	-491.04	0.0	-821.98	-3017.29	649.91	2.304e+04	-2.001e+04	5.147e+04
		-3.011e+04	-2.001e+04	-1.30e-03	0.0	12.3	-831.97	-3263.05	649.91	2.304e+04	-1.197e+04	1.219e+04
						24.6	-841.95	-3508.33	649.91	2.304e+04	-3930.78	-3.011e+04
120	8	5.286e+04	-3705.79	0.03	-491.04	0.0	-853.51	-3084.31	657.96	2.688e+04	-2.000e+04	5.286e+04
		-3.057e+04	-2.000e+04	-1.32e-03	0.0	12.3	-863.51	-3330.07	657.96	2.688e+04	-1.185e+04	1.266e+04
						24.6	-873.49	-3575.35	657.96	2.688e+04	-3705.79	-3.057e+04
120	9	3.448e+04	-1874.03	0.02	-309.39	0.0	-578.02	-2001.13	416.36	2.092e+04	-1.220e+04	3.448e+04
		-1.972e+04	-1.220e+04	-8.31e-04	0.0	12.3	-584.31	-2155.96	416.36	2.092e+04	-7035.36	8329.56
						24.6	-590.60	-2310.52	416.36	2.092e+04	-1874.03	-1.972e+04

120	22	5.149e+04	-2859.57	0.03	-454.24	0.0	-855.89	-2979.04	620.97	3.246e+04	-1.826e+04	5.149e+04
		-2.918e+04	-1.826e+04	-1.24e-03	0.0	12.3	-865.14	-3206.37	620.97	3.246e+04	-1.056e+04	1.255e+04
						24.6	-874.37	-3433.27	620.97	3.246e+04	-2859.57	-2.918e+04
120	23	3.725e+04	-1424.03	0.02	-309.39	0.0	-641.09	-2135.16	432.48	2.861e+04	-1.217e+04	3.725e+04
		-2.064e+04	-1.217e+04	-8.56e-04	0.0	12.3	-647.38	-2290.00	432.48	2.861e+04	-6797.20	9257.84
						24.6	-653.67	-2444.56	432.48	2.861e+04	-1424.03	-2.064e+04
120	25	3.521e+04	-2039.69	0.02	-319.21	0.0	-585.79	-2047.07	428.37	2.046e+04	-1.266e+04	3.521e+04
		-2.021e+04	-1.266e+04	-8.56e-04	0.0	12.3	-592.29	-2206.82	428.37	2.046e+04	-7348.06	8480.52
						24.6	-598.77	-2366.28	428.37	2.046e+04	-2039.69	-2.021e+04
120	31	3.852e+04	-2782.04	0.02	-363.38	0.0	-620.91	-2253.84	482.38	1.840e+04	-1.472e+04	3.852e+04
		-2.244e+04	-1.472e+04	-9.67e-04	0.0	12.3	-628.30	-2435.71	482.38	1.840e+04	-8751.44	9158.54
						24.6	-635.69	-2617.22	482.38	1.840e+04	-2782.04	-2.244e+04
120	32	3.945e+04	-2632.04	0.02	-363.38	0.0	-641.93	-2298.52	487.75	2.096e+04	-1.471e+04	3.945e+04
		-2.274e+04	-1.471e+04	-9.75e-04	0.0	12.3	-649.33	-2480.39	487.75	2.096e+04	-8672.05	9467.97
						24.6	-656.71	-2661.90	487.75	2.096e+04	-2632.04	-2.274e+04
120	35	3.706e+04	-1739.69	0.02	-319.21	0.0	-627.84	-2136.43	439.12	2.559e+04	-1.264e+04	3.706e+04
		-2.083e+04	-1.264e+04	-8.72e-04	0.0	12.3	-634.33	-2296.18	439.12	2.559e+04	-7189.28	9099.37
						24.6	-640.82	-2455.64	439.12	2.559e+04	-1739.69	-2.083e+04
120	36	3.853e+04	-2067.90	0.02	-338.84	0.0	-643.52	-2228.34	463.09	2.468e+04	-1.355e+04	3.853e+04
		-2.182e+04	-1.355e+04	-9.22e-04	0.0	12.3	-650.42	-2397.92	463.09	2.468e+04	-7810.92	9400.01
						24.6	-657.30	-2567.18	463.09	2.468e+04	-2067.90	-2.182e+04
120	37	3.521e+04	-2039.69	0.02	-319.21	0.0	-585.79	-2047.07	428.37	2.046e+04	-1.266e+04	3.521e+04
		-2.021e+04	-1.266e+04	-8.56e-04	0.0	12.3	-592.29	-2206.82	428.37	2.046e+04	-7348.06	8480.52
						24.6	-598.77	-2366.28	428.37	2.046e+04	-2039.69	-2.021e+04
121	8	1.247e+04	-5.040e+04	-0.05	-422.81	0.0	1614.62	3838.26	1017.54	-1.684e+04	-7.479e+04	-7.615e+04
		-7.615e+04	-7.479e+04	8.41e-04	0.0	12.0	1614.62	3626.86	1017.54	-1.684e+04	-6.259e+04	-3.057e+04
						24.0	1614.62	3415.45	1017.54	-1.684e+04	-5.040e+04	1.247e+04
121	9	8238.35	-3.244e+04	-0.03	-262.24	0.0	1058.27	2439.33	654.77	-1.530e+04	-4.814e+04	-4.849e+04
		-4.849e+04	-4.814e+04	5.24e-04	0.0	12.0	1058.27	2308.21	654.77	-1.530e+04	-4.029e+04	-1.934e+04
						24.0	1058.27	2177.09	654.77	-1.530e+04	-3.244e+04	8238.35
121	25	8379.92	-3.322e+04	-0.03	-271.31	0.0	1079.05	2505.92	670.52	-1.457e+04	-4.929e+04	-4.979e+04
		-4.979e+04	-4.929e+04	5.40e-04	0.0	12.0	1079.05	2370.27	670.52	-1.457e+04	-4.126e+04	-1.989e+04
						24.0	1079.05	2234.61	670.52	-1.457e+04	-3.322e+04	8379.92
121	32	9338.73	-3.751e+04	-0.04	-312.00	0.0	1206.43	2848.57	757.26	-1.366e+04	-5.566e+04	-5.653e+04
		-5.653e+04	-5.566e+04	6.22e-04	0.0	12.0	1206.43	2692.57	757.26	-1.366e+04	-4.658e+04	-2.266e+04
						24.0	1206.43	2536.57	757.26	-1.366e+04	-3.751e+04	9338.73
121	37	8379.92	-3.322e+04	-0.03	-271.31	0.0	1079.05	2505.92	670.52	-1.457e+04	-4.929e+04	-4.979e+04
		-4.979e+04	-4.929e+04	5.40e-04	0.0	12.0	1079.05	2370.27	670.52	-1.457e+04	-4.126e+04	-1.989e+04
						24.0	1079.05	2234.61	670.52	-1.457e+04	-3.322e+04	8379.92
122	8	1.413e+05	-2.537e+04	-0.05	-422.95	0.0	1155.84	2655.86	376.41	9939.31	-3.439e+04	8.297e+04
		8.297e+04	-3.439e+04	5.75e-04	0.0	12.0	1155.84	2444.40	376.41	9939.31	-2.988e+04	1.134e+05
						24.0	1155.84	2232.92	376.41	9939.31	-2.537e+04	1.413e+05
122	9	9.096e+04	-1.633e+04	-0.03	-262.32	0.0	760.84	1683.80	242.38	3061.13	-2.214e+04	5.363e+04
		5.363e+04	-2.214e+04	3.52e-04	0.0	12.0	760.84	1552.64	242.38	3061.13	-1.924e+04	7.308e+04
						24.0	760.84	1421.48	242.38	3061.13	-1.633e+04	9.096e+04
122	25	9.315e+04	-1.673e+04	-0.03	-271.39	0.0	775.11	1730.73	248.16	3937.09	-2.268e+04	5.486e+04
		5.486e+04	-2.268e+04	3.64e-04	0.0	12.0	775.11	1595.04	248.16	3937.09	-1.970e+04	7.482e+04
						24.0	775.11	1459.34	248.16	3937.09	-1.673e+04	9.315e+04
122	32	1.052e+05	-1.888e+04	-0.03	-312.10	0.0	864.39	1970.05	280.18	6567.18	-2.560e+04	6.181e+04
		6.181e+04	-2.560e+04	4.24e-04	0.0	12.0	864.39	1814.01	280.18	6567.18	-2.224e+04	8.443e+04
						24.0	864.39	1657.95	280.18	6567.18	-1.888e+04	1.052e+05
122	37	9.315e+04	-1.673e+04	-0.03	-271.39	0.0	775.11	1730.73	248.16	3937.09	-2.268e+04	5.486e+04
		5.486e+04	-2.268e+04	3.64e-04	0.0	12.0	775.11	1595.04	248.16	3937.09	-1.970e+04	7.482e+04
						24.0	775.11	1459.34	248.16	3937.09	-1.673e+04	9.315e+04
123	8	2.312e+05	-1.838e+04	-0.04	-423.09	0.0	1011.11	1944.16	97.21	1.421e+04	-2.071e+04	1.901e+05
		1.901e+05	-2.071e+04	4.20e-04	0.0	12.0	1011.11	1732.62	97.21	1.421e+04	-1.955e+04	2.119e+05
						24.0	1011.11	1521.07	97.21	1.421e+04	-1.838e+04	2.312e+05
123	9	1.487e+05	-1.182e+04	-0.02	-262.40	0.0	665.35	1230.16	62.97	6520.13	-1.333e+04	1.224e+05
		1.224e+05	-1.333e+04	2.52e-04	0.0	12.0	665.35	1098.97	62.97	6520.13	-1.257e+04	1.363e+05
						24.0	665.35	967.76	62.97	6520.13	-1.182e+04	1.487e+05
123	25	1.523e+05	-1.211e+04	-0.03	-271.48	0.0	678.03	1265.00	64.36	7287.58	-1.365e+04	1.253e+05
		1.253e+05	-1.365e+04	2.62e-04	0.0	12.0	678.03	1129.27	64.36	7287.58	-1.288e+04	1.396e+05
						24.0	678.03	993.53	64.36	7287.58	-1.211e+04	1.523e+05
123	32	1.720e+05	-1.367e+04	-0.03	-312.20	0.0	756.02	1441.54	72.46	9930.69	-1.541e+04	1.415e+05
		1.415e+05	-1.541e+04	3.09e-04	0.0	12.0	756.02	1285.45	72.46	9930.69	-1.454e+04	1.577e+05
						24.0	756.02	1129.34	72.46	9930.69	-1.367e+04	1.720e+05
123	37	1.523e+05	-1.211e+04	-0.03	-271.48	0.0	678.03	1265.00	64.36	7287.58	-1.365e+04	1.253e+05
		1.253e+05	-1.365e+04	2.62e-04	0.0	12.0	678.03	1129.27	64.36	7287.58	-1.288e+04	1.396e+05
						24.0	678.03	993.53	64.36	7287.58	-1.211e+04	1.523e+05
124	8	2.899e+05	-1.633e+04	-0.03	-423.23	0.0	908.72	1297.10	33.52	1.015e+04	-1.714e+04	2.642e+05
		2.642e+05	-1.714e+04	2.79e-04	0.0	12.0	908.72	1085.49	33.52	1.015e+04	-1.674e+04	2.783e+05
						24.0	908.72	873.86	33.52	1.015e+04	-1.633e+04	2.899e+05
124	9	1.863e+05	-1.048e+04	-0.02	-262.48	0.0	597.05	816.90	22.07	4483.08	-1.101e+04	1.699e+05
		1.699e+05	-1.101e+04	1.62e-04	0.0	12.0	597.05	685.67	22.07	4483.08	-1.074e+04	1.789e+05
						24.0	597.05	554.42	22.07	4483.08	-1.048e+04	1.863e+05
124	25	1.909e+05	-1.074e+04	-0.02	-271.56	0.0	608.82	840.94	22.45	5044.66	-1.128e+04	1.740e+05
		1.740e+05	-1.128e+04	1.70e-04	0.0	12.0	608.82	705.17	22.45	5044.66	-1.101e+04	1.833e+05

						24.0	608.82	569.38	22.45	5044.66	-1.074e+04	1.909e+05
124	32	2.157e+05	-1.214e+04	-0.02	-312.31	0.0	679.15	960.83	25.09	7066.50	-1.275e+04	1.966e+05
		1.966e+05	-1.275e+04	2.04e-04	0.0	12.0	679.15	804.68	25.09	7066.50	-1.245e+04	2.071e+05
						24.0	679.15	648.52	25.09	7066.50	-1.214e+04	2.157e+05
124	37	1.909e+05	-1.074e+04	-0.02	-271.56	0.0	608.82	840.94	22.45	5044.66	-1.128e+04	1.740e+05
		1.740e+05	-1.128e+04	1.70e-04	0.0	12.0	608.82	705.17	22.45	5044.66	-1.101e+04	1.833e+05
						24.0	608.82	569.38	22.45	5044.66	-1.074e+04	1.909e+05
125	8	3.183e+05	-1.505e+04	-0.01	-423.38	0.0	795.92	649.52	26.18	3088.75	-1.568e+04	3.079e+05
		3.079e+05	-1.568e+04	1.45e-04	0.0	12.0	795.92	437.84	26.18	3088.75	-1.536e+04	3.144e+05
						24.0	795.92	226.15	26.18	3088.75	-1.505e+04	3.183e+05
125	9	2.045e+05	-9626.06	-7.21e-03	-262.56	0.0	522.06	402.71	17.37	455.77	-1.004e+04	1.979e+05
		1.979e+05	-1.004e+04	7.58e-05	0.0	12.0	522.06	271.44	17.37	455.77	-9834.24	2.027e+05
						24.0	522.06	140.16	17.37	455.77	-9626.06	2.045e+05
125	25	2.095e+05	-9879.25	-7.39e-03	-271.64	0.0	532.74	416.08	17.63	776.69	-1.030e+04	2.027e+05
		2.027e+05	-1.030e+04	8.13e-05	0.0	12.0	532.74	280.26	17.63	776.69	-1.009e+04	2.070e+05
						24.0	532.74	144.44	17.63	776.69	-9879.25	2.095e+05
125	32	2.368e+05	-1.118e+04	-8.38e-03	-312.41	0.0	594.52	479.58	19.63	1948.77	-1.165e+04	2.291e+05
		2.291e+05	-1.165e+04	1.04e-04	0.0	12.0	594.52	323.38	19.63	1948.77	-1.142e+04	2.339e+05
						24.0	594.52	167.17	19.63	1948.77	-1.118e+04	2.368e+05
125	37	2.095e+05	-9879.25	-7.39e-03	-271.64	0.0	532.74	416.08	17.63	776.69	-1.030e+04	2.027e+05
		2.027e+05	-1.030e+04	8.13e-05	0.0	12.0	532.74	280.26	17.63	776.69	-1.009e+04	2.070e+05
						24.0	532.74	144.44	17.63	776.69	-9879.25	2.095e+05
126	8	3.213e+05	-1.377e+04	4.36e-03	-423.52	0.0	675.43	-3.81	26.82	-5045.25	-1.442e+04	3.213e+05
		3.164e+05	-1.442e+04	2.11e-05	0.0	12.0	675.43	-215.56	26.82	-5045.25	-1.410e+04	3.201e+05
						24.0	675.43	-427.32	26.82	-5045.25	-1.377e+04	3.164e+05
126	9	2.064e+05	-8780.51	2.84e-03	-262.64	0.0	442.12	-15.43	17.78	-4281.06	-9206.72	2.064e+05
		2.032e+05	-9206.72	-3.90e-06	0.0	12.0	442.12	-146.74	17.78	-4281.06	-8993.62	2.056e+05
						24.0	442.12	-278.06	17.78	-4281.06	-8780.51	2.032e+05
126	25	2.115e+05	-9020.91	2.90e-03	-271.73	0.0	451.60	-12.76	18.05	-4212.75	-9453.60	2.115e+05
		2.082e+05	-9453.60	4.63e-06	0.0	12.0	451.60	-148.62	18.05	-4212.75	-9237.26	2.106e+05
						24.0	451.60	-284.49	18.05	-4212.75	-9020.91	2.082e+05
126	32	2.390e+05	-1.023e+04	3.25e-03	-312.51	0.0	504.18	-6.02	20.11	-3970.74	-1.071e+04	2.390e+05
		2.353e+05	-1.071e+04	1.26e-05	0.0	12.0	504.18	-162.27	20.11	-3970.74	-1.047e+04	2.381e+05
						24.0	504.18	-318.53	20.11	-3970.74	-1.023e+04	2.353e+05
126	37	2.115e+05	-9020.91	2.90e-03	-271.73	0.0	451.60	-12.76	18.05	-4212.75	-9453.60	2.115e+05
		2.082e+05	-9453.60	4.63e-06	0.0	12.0	451.60	-148.62	18.05	-4212.75	-9237.26	2.106e+05
						24.0	451.60	-284.49	18.05	-4212.75	-9020.91	2.082e+05
127	8	3.042e+05	-1.243e+04	0.02	-423.66	0.0	554.01	-659.29	28.80	-1.342e+04	-1.312e+04	3.042e+05
		2.840e+05	-1.312e+04	-9.35e-05	0.0	12.0	554.01	-871.11	28.80	-1.342e+04	-1.277e+04	2.954e+05
						24.0	554.01	-1082.95	28.80	-1.342e+04	-1.243e+04	2.840e+05
127	9	1.953e+05	-7888.82	0.01	-262.72	0.0	361.55	-435.04	19.01	-9180.29	-8344.60	1.953e+05
		1.822e+05	-8344.60	-7.65e-05	0.0	12.0	361.55	-566.39	19.01	-9180.29	-8116.71	1.895e+05
						24.0	361.55	-697.76	19.01	-9180.29	-7888.82	1.822e+05
127	25	2.002e+05	-8114.95	0.01	-271.81	0.0	369.83	-443.09	19.33	-9366.57	-8578.21	2.002e+05
		1.867e+05	-8578.21	-7.51e-05	0.0	12.0	369.83	-578.99	19.33	-9366.57	-8346.58	1.943e+05
						24.0	369.83	-714.91	19.33	-9366.57	-8114.95	1.867e+05
127	32	2.263e+05	-9214.94	0.01	-312.62	0.0	413.13	-493.23	21.57	-1.007e+04	-9731.95	2.263e+05
		2.112e+05	-9731.95	-7.33e-05	0.0	12.0	413.13	-649.54	21.57	-1.007e+04	-9473.44	2.197e+05
						24.0	413.13	-805.85	21.57	-1.007e+04	-9214.94	2.112e+05
127	37	2.002e+05	-8114.95	0.01	-271.81	0.0	369.83	-443.09	19.33	-9366.57	-8578.21	2.002e+05
		1.867e+05	-8578.21	-7.51e-05	0.0	12.0	369.83	-578.99	19.33	-9366.57	-8346.58	1.943e+05
						24.0	369.83	-714.91	19.33	-9366.57	-8114.95	1.867e+05
128	8	2.568e+05	-1.066e+04	0.03	-423.80	0.0	437.42	-1312.51	41.32	-2.156e+04	-1.165e+04	2.568e+05
		2.211e+05	-1.165e+04	-1.97e-04	0.0	12.0	437.42	-1524.40	41.32	-2.156e+04	-1.116e+04	2.402e+05
						24.0	437.42	-1736.31	41.32	-2.156e+04	-1.066e+04	2.211e+05
128	9	1.646e+05	-6737.35	0.02	-262.80	0.0	284.03	-853.21	26.82	-1.393e+04	-7380.32	1.646e+05
		1.416e+05	-7380.32	-1.42e-04	0.0	12.0	284.03	-984.61	26.82	-1.393e+04	-7058.84	1.539e+05
						24.0	284.03	-1116.01	26.82	-1.393e+04	-6737.35	1.416e+05
128	25	1.687e+05	-6940.44	0.02	-271.90	0.0	291.19	-871.94	27.40	-1.437e+04	-7597.17	1.687e+05
		1.452e+05	-7597.17	-1.43e-04	0.0	12.0	291.19	-1007.89	27.40	-1.437e+04	-7268.81	1.578e+05
						24.0	291.19	-1143.84	27.40	-1.437e+04	-6940.44	1.452e+05
128	32	1.909e+05	-7896.60	0.02	-312.72	0.0	325.67	-978.78	30.82	-1.600e+04	-8635.36	1.909e+05
		1.644e+05	-8635.36	-1.50e-04	0.0	12.0	325.67	-1135.13	30.82	-1.600e+04	-8265.98	1.786e+05
						24.0	325.67	-1291.50	30.82	-1.600e+04	-7896.60	1.644e+05
128	37	1.687e+05	-6940.44	0.02	-271.90	0.0	291.19	-871.94	27.40	-1.437e+04	-7597.17	1.687e+05
		1.452e+05	-7597.17	-1.43e-04	0.0	12.0	291.19	-1007.89	27.40	-1.437e+04	-7268.81	1.578e+05
						24.0	291.19	-1143.84	27.40	-1.437e+04	-6940.44	1.452e+05
129	7	1.757e+05	-6672.95	0.04	-423.94	0.0	334.96	-1912.23	103.00	-2.948e+04	-9141.90	1.757e+05
		1.260e+05	-9141.90	-2.82e-04	0.0	12.0	334.96	-2124.20	103.00	-2.948e+04	-7907.42	1.521e+05
						24.0	334.96	-2336.18	103.00	-2.948e+04	-6672.95	1.260e+05
129	8	1.789e+05	-6670.90	0.04	-423.94	0.0	332.75	-1959.47	104.55	-2.866e+04	-9177.05	1.789e+05
		1.281e+05	-9177.05	-2.90e-04	0.0	12.0	332.75	-2171.43	104.55	-2.866e+04	-7923.98	1.548e+05
						24.0	332.75	-2383.42	104.55	-2.866e+04	-6670.90	1.281e+05
129	9	1.143e+05	-4192.26	0.03	-262.88	0.0	214.09	-1267.29	66.49	-1.802e+04	-5786.15	1.143e+05
		8.152e+04	-5786.15	-2.01e-04	0.0	12.0	214.09	-1398.72	66.49	-1.802e+04	-4989.21	9.871e+04
						24.0	214.09	-1530.17	66.49	-1.802e+04	-4192.26	8.152e+04
129	23	1.209e+05	-4188.15	0.03	-262.88	0.0	209.67	-1361.77	69.60	-1.638e+04	-5856.47	1.209e+05

		8.559e+04	-5856.47	-2.16e-04	0.0	12.0	209.67	-1493.20	69.60	-1.638e+04	-5022.31	1.040e+05
						24.0	209.67	-1624.65	69.60	-1.638e+04	-4188.15	8.559e+04
129	25	1.173e+05	-4327.65	0.03	-271.98	0.0	220.34	-1296.61	68.33	-1.869e+04	-5965.50	1.173e+05
		8.374e+04	-5965.50	-2.03e-04	0.0	12.0	220.34	-1432.60	68.33	-1.869e+04	-5146.57	1.013e+05
						24.0	220.34	-1568.59	68.33	-1.869e+04	-4327.65	8.374e+04
129	31	1.307e+05	-4935.40	0.03	-312.82	0.0	248.52	-1428.15	76.55	-2.170e+04	-6770.43	1.307e+05
		9.370e+04	-6770.43	-2.14e-04	0.0	12.0	248.52	-1584.56	76.55	-2.170e+04	-5852.92	1.132e+05
						24.0	248.52	-1740.98	76.55	-2.170e+04	-4935.40	9.370e+04
129	32	1.329e+05	-4934.03	0.03	-312.82	0.0	247.04	-1459.65	77.59	-2.115e+04	-6793.87	1.329e+05
		9.506e+04	-6793.87	-2.19e-04	0.0	12.0	247.04	-1616.05	77.59	-2.115e+04	-5863.95	1.149e+05
						24.0	247.04	-1772.47	77.59	-2.115e+04	-4934.03	9.506e+04
129	35	1.217e+05	-4324.91	0.03	-271.98	0.0	217.39	-1359.60	70.40	-1.760e+04	-6012.37	1.217e+05
		8.646e+04	-6012.37	-2.13e-04	0.0	12.0	217.39	-1495.58	70.40	-1.760e+04	-5168.64	1.049e+05
						24.0	217.39	-1631.58	70.40	-1.760e+04	-4324.91	8.646e+04
129	37	1.173e+05	-4327.65	0.03	-271.98	0.0	220.34	-1296.61	68.33	-1.869e+04	-5965.50	1.173e+05
		8.374e+04	-5965.50	-2.03e-04	0.0	12.0	220.34	-1432.60	68.33	-1.869e+04	-5146.57	1.013e+05
						24.0	220.34	-1568.59	68.33	-1.869e+04	-4327.65	8.374e+04
130	7	7.044e+04	5310.68	0.05	-424.09	0.0	251.64	-2537.12	317.03	-3.385e+04	-2288.68	7.044e+04
		6069.68	-2288.68	-3.51e-04	0.0	12.0	251.64	-2749.15	317.03	-3.385e+04	1511.00	3.952e+04
						24.0	251.64	-2961.20	317.03	-3.385e+04	5310.68	6069.68
130	8	7.095e+04	5449.25	0.05	-424.09	0.0	244.25	-2596.82	320.58	-3.264e+04	-2235.14	7.095e+04
		5010.81	-2235.14	-3.59e-04	0.0	12.0	244.25	-2808.86	320.58	-3.264e+04	1607.06	3.925e+04
						24.0	244.25	-3020.91	320.58	-3.264e+04	5449.25	5010.81
130	23	4.567e+04	3759.20	0.03	-262.96	0.0	139.69	-1794.12	210.04	-1.768e+04	-1275.51	4.567e+04
		45.68	-1275.51	-2.60e-04	0.0	12.0	139.69	-1925.60	210.04	-1.768e+04	1241.84	2.364e+04
						24.0	139.69	-2057.08	210.04	-1.768e+04	3759.20	45.68
130	31	5.218e+04	3958.37	0.03	-312.93	0.0	185.36	-1893.44	235.27	-2.479e+04	-1681.15	5.218e+04
		4142.51	-1681.15	-2.65e-04	0.0	12.0	185.36	-2049.90	235.27	-2.479e+04	1138.61	2.910e+04
						24.0	185.36	-2206.37	235.27	-2.479e+04	3958.37	4142.51
130	32	5.252e+04	4050.75	0.04	-312.93	0.0	180.44	-1933.25	237.64	-2.398e+04	-1645.46	5.252e+04
		3436.60	-1645.46	-2.70e-04	0.0	12.0	180.44	-2089.70	237.64	-2.398e+04	1202.65	2.892e+04
						24.0	180.44	-2246.17	237.64	-2.398e+04	4050.75	3436.60
130	35	4.670e+04	3753.73	0.03	-272.07	0.0	150.23	-1794.19	213.57	-2.134e+04	-1365.54	4.670e+04
		1112.34	-1365.54	-2.58e-04	0.0	12.0	150.23	-1930.22	213.57	-1.934e+04	1194.10	2.472e+04
						24.0	150.23	-2066.26	213.57	-1.934e+04	3753.73	1112.34
130	37	4.602e+04	3568.98	0.03	-272.07	0.0	160.08	-1714.58	208.84	-2.095e+04	-1436.94	4.602e+04
		2524.17	-1436.94	-2.48e-04	0.0	12.0	160.08	-1850.61	208.84	-2.095e+04	1066.02	2.509e+04
						24.0	160.08	-1986.65	208.84	-2.095e+04	3568.98	2524.17
131	7	-6.361e+04	3.400e+04	0.05	-424.23	0.0	196.33	-3131.51	688.91	-2.812e+04	1.748e+04	-6.361e+04
		-1.410e+05	1.748e+04	-3.08e-04	0.0	12.0	196.33	-3343.62	688.91	-2.812e+04	2.574e+04	-1.010e+05
						24.0	196.33	-3555.74	688.91	-2.812e+04	3.400e+04	-1.410e+05
131	8	-6.655e+04	3.459e+04	0.05	-424.23	0.0	183.85	-3198.34	701.20	-2.638e+04	1.778e+04	-6.655e+04
		-1.456e+05	1.778e+04	-3.15e-04	0.0	12.0	183.85	-3410.44	701.20	-2.638e+04	2.618e+04	-1.048e+05
						24.0	183.85	-3622.57	701.20	-2.638e+04	3.459e+04	-1.456e+05
131	9	-4.400e+04	2.204e+04	0.03	-263.04	0.0	111.95	-2055.02	447.69	-1.563e+04	1.130e+04	-4.400e+04
		-9.483e+04	1.130e+04	-2.17e-04	0.0	12.0	111.95	-2186.53	447.69	-1.563e+04	1.667e+04	-6.863e+04
						24.0	111.95	-2318.06	447.69	-1.563e+04	2.204e+04	-9.483e+04
131	23	-4.986e+04	2.321e+04	0.03	-263.04	0.0	86.99	-2188.68	472.27	-1.214e+04	1.189e+04	-4.986e+04
		-1.042e+05	1.189e+04	-2.31e-04	0.0	12.0	86.99	-2320.19	472.27	-1.214e+04	1.755e+04	-7.625e+04
						24.0	86.99	-2451.71	472.27	-1.214e+04	2.321e+04	-1.042e+05
131	25	-4.471e+04	2.263e+04	0.03	-272.15	0.0	117.55	-2105.97	459.53	-1.649e+04	1.161e+04	-4.471e+04
		-9.679e+04	1.161e+04	-2.20e-04	0.0	12.0	117.55	-2242.04	459.53	-1.649e+04	1.712e+04	-6.994e+04
						24.0	117.55	-2378.12	459.53	-1.649e+04	2.263e+04	-9.679e+04
131	31	-4.790e+04	2.529e+04	0.03	-313.03	0.0	142.82	-2334.50	512.65	-2.037e+04	1.300e+04	-4.790e+04
		-1.056e+05	1.300e+04	-2.33e-04	0.0	12.0	142.82	-2491.01	512.65	-2.037e+04	1.914e+04	-7.580e+04
						24.0	142.82	-2647.54	512.65	-2.037e+04	2.529e+04	-1.056e+05
131	32	-4.985e+04	2.568e+04	0.03	-313.03	0.0	134.50	-2379.06	520.85	-1.921e+04	1.319e+04	-4.985e+04
		-1.087e+05	1.319e+04	-2.38e-04	0.0	12.0	134.50	-2535.57	520.85	-1.921e+04	1.944e+04	-7.834e+04
						24.0	134.50	-2692.09	520.85	-1.921e+04	2.568e+04	-1.087e+05
131	35	-4.862e+04	2.341e+04	0.03	-272.15	0.0	100.92	-2195.07	475.92	-1.417e+04	1.201e+04	-4.862e+04
		-1.030e+05	1.201e+04	-2.29e-04	0.0	12.0	100.92	-2331.14	475.92	-1.417e+04	1.771e+04	-7.501e+04
						24.0	100.92	-2467.22	475.92	-1.417e+04	2.341e+04	-1.030e+05
131	37	-4.471e+04	2.263e+04	0.03	-272.15	0.0	117.55	-2105.97	459.53	-1.649e+04	1.161e+04	-4.471e+04
		-9.679e+04	1.161e+04	-2.20e-04	0.0	12.0	117.55	-2242.04	459.53	-1.649e+04	1.712e+04	-6.994e+04
						24.0	117.55	-2378.12	459.53	-1.649e+04	2.263e+04	-9.679e+04
132	7	-1.561e+04	6.703e+05	-0.01	-184.57	0.0	-1.672e+04	1233.37	-5087.10	-9.666e+04	6.703e+05	-4.916e+04
		-4.916e+04	5.304e+05	-4.70e-03	0.0	13.8	-1.674e+04	1141.48	-5087.10	-9.666e+04	6.003e+05	-3.175e+04
						27.5	-1.675e+04	1048.79	-5087.10	-9.666e+04	5.304e+05	-1.561e+04
132	15	-1.208e+04	5.118e+05	-8.81e-03	-141.93	0.0	-1.277e+04	951.41	-3885.12	-7.385e+04	5.118e+05	-3.795e+04
		-3.795e+04	4.049e+05	-3.59e-03	0.0	13.8	-1.278e+04	880.75	-3885.12	-7.385e+04	4.583e+05	-2.453e+04
						27.5	-1.279e+04	809.48	-3885.12	-7.385e+04	4.049e+05	-1.208e+04
132	21	-2.051e+04	5.463e+05	-0.01	-183.00	0.0	-1.366e+04	1441.70	-4230.80	-8.679e+04	5.463e+05	-6.001e+04
		-6.001e+04	4.299e+05	-3.75e-03	0.0	13.8	-1.368e+04	1350.51	-4230.80	-8.679e+04	4.881e+05	-3.963e+04
						27.5	-1.369e+04	1258.70	-4230.80	-8.679e+04	4.299e+05	-2.051e+04
132	23	-1.698e+04	3.877e+05	-9.70e-03	-140.35	0.0	-9708.75	1159.73	-3028.81	-6.398e+04	3.877e+05	-4.880e+04
		-4.880e+04	3.044e+05	-2.64e-03	0.0	13.8	-9719.73	1089.78	-3028.81	-6.398e+04	3.461e+05	-3.241e+04
						27.5	-9730.78	1019.38	-3028.81	-6.398e+04	3.044e+05	-1.698e+04

132	31	-1.246e+04	4.901e+05	-8.79e-03	-141.64	0.0	-1.224e+04	966.24	-3728.14	-7.104e+04	4.901e+05	-3.871e+04
		-3.871e+04	3.875e+05	-3.43e-03	0.0	13.8	-1.225e+04	895.71	-3728.14	-7.104e+04	4.388e+05	-2.510e+04
						27.5	-1.226e+04	824.61	-3728.14	-7.104e+04	3.875e+05	-1.246e+04
132	35	-1.573e+04	4.074e+05	-9.39e-03	-140.59	0.0	-1.020e+04	1105.13	-3157.27	-6.446e+04	4.074e+05	-4.594e+04
		-4.594e+04	3.206e+05	-2.79e-03	0.0	13.8	-1.021e+04	1035.07	-3157.27	-6.446e+04	3.640e+05	-3.035e+04
						27.5	-1.022e+04	964.54	-3157.27	-6.446e+04	3.206e+05	-1.573e+04
132	37	-1.386e+04	4.118e+05	-8.73e-03	-140.59	0.0	-1.031e+04	1019.93	-3160.30	-6.086e+04	4.118e+05	-4.145e+04
		-4.145e+04	3.248e+05	-2.85e-03	0.0	13.8	-1.032e+04	949.87	-3160.30	-6.086e+04	3.683e+05	-2.717e+04
						27.5	-1.033e+04	879.35	-3160.30	-6.086e+04	3.248e+05	-1.386e+04
133	7	4.435e+04	4.303e+05	-0.01	-190.91	0.0	-1.490e+04	1047.36	-2556.74	-3.653e+04	4.303e+05	1.654e+04
		1.654e+04	3.599e+05	-2.77e-03	0.0	13.8	-1.491e+04	952.30	-2556.74	-3.653e+04	3.951e+05	3.110e+04
						27.5	-1.493e+04	856.45	-2556.74	-3.653e+04	3.599e+05	4.435e+04
133	9	3.374e+04	2.511e+05	-8.76e-03	-143.92	0.0	-8850.40	836.59	-1523.49	-2.148e+04	2.511e+05	1.167e+04
		1.167e+04	2.092e+05	-1.60e-03	0.0	13.8	-8861.66	764.85	-1523.49	-2.148e+04	2.301e+05	2.320e+04
						27.5	-8872.99	692.67	-1523.49	-2.148e+04	2.092e+05	3.374e+04
133	22	4.790e+04	3.808e+05	-0.01	-189.33	0.0	-1.337e+04	1154.95	-2308.09	-3.700e+04	3.808e+05	1.690e+04
		1.690e+04	3.172e+05	-2.42e-03	0.0	13.8	-1.339e+04	1060.64	-2308.09	-3.700e+04	3.490e+05	3.305e+04
						27.5	-1.340e+04	965.63	-2308.09	-3.700e+04	3.172e+05	4.790e+04
133	23	3.749e+04	2.448e+05	-9.79e-03	-143.92	0.0	-8735.31	927.43	-1514.67	-2.553e+04	2.448e+05	1.260e+04
		1.260e+04	2.031e+05	-1.54e-03	0.0	13.8	-8746.57	855.70	-1514.67	-2.553e+04	2.240e+05	2.554e+04
						27.5	-8757.90	783.51	-1514.67	-2.553e+04	2.031e+05	3.749e+04
133	25	3.379e+04	2.626e+05	-8.76e-03	-144.35	0.0	-9226.94	832.12	-1587.45	-2.244e+04	2.626e+05	1.182e+04
		1.182e+04	2.189e+05	-1.67e-03	0.0	13.8	-9238.23	760.19	-1587.45	-2.244e+04	2.408e+05	2.330e+04
						27.5	-9249.59	687.78	-1587.45	-2.244e+04	2.189e+05	3.379e+04
133	31	3.404e+04	3.142e+05	-8.78e-03	-146.24	0.0	-1.091e+04	812.17	-1873.52	-2.671e+04	3.142e+05	1.250e+04
		1.250e+04	2.626e+05	-2.02e-03	0.0	13.8	-1.092e+04	739.34	-1873.52	-2.671e+04	2.884e+05	2.377e+04
						27.5	-1.093e+04	665.93	-1873.52	-2.671e+04	2.626e+05	3.404e+04
133	35	3.630e+04	2.584e+05	-9.45e-03	-144.35	0.0	-9150.21	892.69	-1581.56	-2.514e+04	2.584e+05	1.244e+04
		1.244e+04	2.149e+05	-1.63e-03	0.0	13.8	-9161.50	820.75	-1581.56	-2.514e+04	2.367e+05	2.486e+04
						27.5	-9172.87	748.34	-1581.56	-2.514e+04	2.149e+05	3.630e+04
133	36	3.640e+04	2.812e+05	-9.46e-03	-145.18	0.0	-9893.17	883.90	-1707.75	-2.702e+04	2.812e+05	1.274e+04
		1.274e+04	2.342e+05	-1.78e-03	0.0	13.8	-9904.52	811.57	-1707.75	-2.702e+04	2.577e+05	2.507e+04
						27.5	-9915.95	738.72	-1707.75	-2.702e+04	2.342e+05	3.640e+04
133	37	3.379e+04	2.626e+05	-8.76e-03	-144.35	0.0	-9226.94	832.12	-1587.45	-2.244e+04	2.626e+05	1.182e+04
		1.182e+04	2.189e+05	-1.67e-03	0.0	13.8	-9238.23	760.19	-1587.45	-2.244e+04	2.408e+05	2.330e+04
						27.5	-9249.59	687.78	-1587.45	-2.244e+04	2.189e+05	3.379e+04
134	7	9.073e+04	3.081e+05	-8.64e-03	-197.25	0.0	-1.288e+04	798.28	-1496.64	-1.742e+04	3.081e+05	7.032e+04
		7.032e+04	2.669e+05	-1.33e-03	0.0	13.8	-1.290e+04	700.05	-1496.64	-1.742e+04	2.875e+05	8.120e+04
						27.5	-1.291e+04	601.03	-1496.64	-1.742e+04	2.669e+05	9.073e+04
134	9	6.936e+04	1.784e+05	-6.64e-03	-147.49	0.0	-7714.72	616.52	-884.72	-9671.54	1.784e+05	5.372e+04
		5.372e+04	1.541e+05	-7.66e-04	0.0	13.8	-7726.26	543.00	-884.72	-9671.54	1.662e+05	6.205e+04
						27.5	-7737.87	469.03	-884.72	-9671.54	1.541e+05	6.936e+04
134	22	9.862e+04	2.707e+05	-9.43e-03	-194.96	0.0	-1.164e+04	855.71	-1337.16	-1.838e+04	2.707e+05	7.646e+04
		7.646e+04	2.339e+05	-1.16e-03	0.0	13.8	-1.166e+04	758.58	-1337.16	-1.838e+04	2.523e+05	8.821e+04
						27.5	-1.167e+04	660.75	-1337.16	-1.838e+04	2.339e+05	9.862e+04
134	23	7.749e+04	1.727e+05	-7.43e-03	-147.49	0.0	-7661.22	672.61	-869.46	-1.265e+04	1.727e+05	6.006e+04
		6.006e+04	1.488e+05	-7.34e-04	0.0	13.8	-7672.76	599.08	-869.46	-1.265e+04	1.607e+05	6.928e+04
						27.5	-7684.37	525.11	-869.46	-1.265e+04	1.488e+05	7.749e+04
134	25	6.942e+04	1.869e+05	-6.64e-03	-148.11	0.0	-8031.39	616.16	-923.18	-1.021e+04	1.869e+05	5.377e+04
		5.377e+04	1.614e+05	-8.03e-04	0.0	13.8	-8042.97	542.34	-923.18	-1.021e+04	1.742e+05	6.211e+04
						27.5	-8054.63	468.06	-923.18	-1.021e+04	1.614e+05	6.942e+04
134	31	6.970e+04	2.247e+05	-6.65e-03	-150.84	0.0	-9447.85	614.58	-1095.21	-1.262e+04	2.247e+05	5.401e+04
		5.401e+04	1.945e+05	-9.70e-04	0.0	13.8	-9459.65	539.45	-1095.21	-1.262e+04	2.096e+05	6.238e+04
						27.5	-9471.53	463.74	-1095.21	-1.262e+04	1.945e+05	6.970e+04
134	35	7.484e+04	1.831e+05	-7.17e-03	-148.11	0.0	-7995.72	653.55	-913.01	-1.220e+04	1.831e+05	5.800e+04
		5.800e+04	1.579e+05	-7.82e-04	0.0	13.8	-8007.31	579.74	-913.01	-1.220e+04	1.705e+05	6.693e+04
						27.5	-8018.97	505.45	-913.01	-1.220e+04	1.579e+05	7.484e+04
134	36	7.496e+04	1.997e+05	-7.17e-03	-149.31	0.0	-8620.52	652.87	-988.89	-1.326e+04	1.997e+05	5.811e+04
		5.811e+04	1.725e+05	-8.55e-04	0.0	13.8	-8632.20	578.47	-988.89	-1.326e+04	1.861e+05	6.705e+04
						27.5	-8643.96	503.56	-988.89	-1.326e+04	1.725e+05	7.496e+04
134	37	6.942e+04	1.869e+05	-6.64e-03	-148.11	0.0	-8031.39	616.16	-923.18	-1.021e+04	1.869e+05	5.377e+04
		5.377e+04	1.614e+05	-8.03e-04	0.0	13.8	-8042.97	542.34	-923.18	-1.021e+04	1.742e+05	6.211e+04
						27.5	-8054.63	468.06	-923.18	-1.021e+04	1.614e+05	6.942e+04
135	7	1.172e+05	2.315e+05	-3.86e-03	-203.59	0.0	-1.054e+04	435.76	-1174.10	-1.121e+04	2.315e+05	1.072e+05
		1.072e+05	1.992e+05	-2.03e-04	0.0	13.8	-1.056e+04	334.36	-1174.10	-1.121e+04	2.153e+05	1.129e+05
						27.5	-1.058e+04	232.17	-1174.10	-1.121e+04	1.992e+05	1.172e+05
135	8	1.224e+05	2.291e+05	-4.04e-03	-203.59	0.0	-1.055e+04	446.39	-1164.26	-1.220e+04	2.291e+05	1.120e+05
		1.120e+05	1.970e+05	-2.00e-04	0.0	13.8	-1.056e+04	344.99	-1164.26	-1.220e+04	2.131e+05	1.179e+05
						27.5	-1.058e+04	242.80	-1164.26	-1.220e+04	1.970e+05	1.224e+05
135	9	8.914e+04	1.332e+05	-2.99e-03	-151.07	0.0	-6383.89	330.19	-686.05	-5799.16	1.332e+05	8.166e+04
		8.166e+04	1.144e+05	-1.17e-04	0.0	13.8	-6395.71	254.88	-686.05	-5799.16	1.238e+05	8.592e+04
						27.5	-6407.60	179.13	-686.05	-5799.16	1.144e+05	8.914e+04
135	22	1.270e+05	2.024e+05	-4.23e-03	-200.59	0.0	-9616.37	454.32	-1036.96	-1.166e+04	2.024e+05	1.164e+05
		1.164e+05	1.739e+05	-1.75e-04	0.0	13.8	-9632.05	354.37	-1036.96	-1.166e+04	1.882e+05	1.224e+05
						27.5	-9647.85	253.72	-1036.96	-1.166e+04	1.739e+05	1.270e+05
135	23	9.945e+04	1.284e+05	-3.35e-03	-151.07	0.0	-6391.19	351.44	-666.37	-7786.25	1.284e+05	9.124e+04
		9.124e+04	1.101e+05	-1.10e-04	0.0	13.8	-6403.01	276.13	-666.37	-7786.25	1.193e+05	9.587e+04

135	25	8.929e+04	1.397e+05	-2.99e-03	-151.87	27.5	-6414.90	200.38	-666.37	-7786.25	1.101e+05	9.945e+04
		8.178e+04	1.200e+05	-1.23e-04	0.0	0.0	-6632.96	330.91	-717.38	-6206.78	1.397e+05	8.178e+04
135	31	8.996e+04	1.686e+05	-2.97e-03	-155.44	13.8	-6644.84	255.21	-717.38	-6206.78	1.298e+05	8.605e+04
		8.230e+04	1.450e+05	-1.48e-04	0.0	27.5	-6656.80	179.05	-717.38	-6206.78	1.200e+05	8.929e+04
135	32	9.340e+04	1.670e+05	-3.09e-03	-155.44	0.0	-7747.07	334.15	-857.50	-8026.11	1.686e+05	8.230e+04
		8.549e+04	1.436e+05	-1.46e-04	0.0	13.8	-7759.22	256.72	-857.50	-8026.11	1.568e+05	8.666e+04
135	35	9.616e+04	1.365e+05	-3.23e-03	-151.87	27.5	-7771.47	178.71	-857.50	-8026.11	1.450e+05	8.996e+04
		8.816e+04	1.171e+05	-1.18e-04	0.0	0.0	-7749.51	341.23	-850.94	-8688.47	1.670e+05	8.549e+04
135	36	9.646e+04	1.493e+05	-3.22e-03	-153.44	13.8	-7761.66	263.80	-850.94	-8688.47	1.553e+05	8.998e+04
		8.839e+04	1.282e+05	-1.29e-04	0.0	27.5	-7773.90	185.79	-850.94	-8688.47	1.436e+05	9.340e+04
135	37	8.929e+04	1.397e+05	-2.99e-03	-151.87	0.0	-6637.83	345.08	-704.26	-7531.51	1.365e+05	8.816e+04
		8.178e+04	1.200e+05	-1.23e-04	0.0	13.8	-6649.71	269.38	-704.26	-7531.51	1.282e+05	9.269e+04
136	7	1.223e+05	1.686e+05	1.93e-03	-209.92	27.5	-6661.67	193.21	-704.26	-7531.51	1.171e+05	9.616e+04
		1.204e+05	1.389e+05	6.50e-04	0.0	0.0	-7129.26	346.52	-766.07	-8331.79	1.493e+05	8.839e+04
136	8	1.276e+05	1.667e+05	2.00e-03	-209.92	13.8	-7141.26	270.06	-766.07	-8331.79	1.387e+05	9.296e+04
		1.255e+05	1.374e+05	6.45e-04	0.0	27.5	-7153.34	193.08	-766.07	-8331.79	1.282e+05	9.646e+04
136	9	9.257e+04	9.657e+04	1.40e-03	-154.64	0.0	-6632.96	330.91	-717.38	-6206.78	1.397e+05	8.178e+04
		9.099e+04	7.941e+04	3.71e-04	0.0	13.8	-6644.84	255.21	-717.38	-6206.78	1.298e+05	8.605e+04
136	22	1.321e+05	1.470e+05	2.03e-03	-206.22	27.5	-6656.80	179.05	-717.38	-6206.78	1.200e+05	8.929e+04
		1.298e+05	1.210e+05	5.69e-04	0.0	0.0	-8032.66	17.91	-1079.03	-9221.74	1.686e+05	1.222e+05
136	23	1.032e+05	9.289e+04	1.55e-03	-154.64	13.8	-8049.07	-86.66	-1079.03	-9221.74	1.537e+05	1.220e+05
		1.013e+05	7.638e+04	3.60e-04	0.0	27.5	-8065.61	-192.02	-1079.03	-9221.74	1.389e+05	1.204e+05
136	25	9.279e+04	1.013e+05	1.41e-03	-155.63	0.0	-8065.61	11.17	-1067.33	-9715.42	1.667e+05	1.275e+05
		9.122e+04	8.337e+04	3.90e-04	0.0	13.8	-8082.02	-93.40	-1067.33	-9715.42	1.520e+05	1.272e+05
136	31	9.374e+04	1.227e+05	1.47e-03	-160.04	27.5	-8098.56	-198.76	-1067.33	-9715.42	1.374e+05	1.255e+05
		9.225e+04	1.011e+05	4.73e-04	0.0	0.0	-4946.78	11.28	-623.46	-4478.97	9.657e+04	9.253e+04
136	32	9.727e+04	1.215e+05	1.52e-03	-160.04	13.8	-4958.88	-65.81	-623.46	-4478.97	8.799e+04	9.229e+04
		9.569e+04	1.001e+05	4.69e-04	0.0	27.5	-4971.05	-143.35	-623.46	-4478.97	7.941e+04	9.099e+04
136	35	9.985e+04	9.889e+04	1.51e-03	-155.63	0.0	-7431.81	3.09	-943.87	-8791.87	1.470e+05	1.320e+05
		9.811e+04	8.135e+04	3.82e-04	0.0	13.8	-7447.94	-99.67	-943.87	-8791.87	1.340e+05	1.316e+05
136	36	1.003e+05	1.083e+05	1.53e-03	-157.57	27.5	-7464.18	-203.13	-943.87	-8791.87	1.210e+05	1.298e+05
		9.856e+04	8.915e+04	4.19e-04	0.0	0.0	-5012.68	-2.19	-600.07	-5466.33	9.289e+04	1.032e+05
136	37	9.279e+04	1.013e+05	1.41e-03	-155.63	13.8	-5024.78	-79.29	-600.07	-5466.33	8.464e+04	1.028e+05
		9.122e+04	8.337e+04	3.90e-04	0.0	27.5	-5036.95	-156.83	-600.07	-5466.33	7.638e+04	1.013e+05
137	7	1.128e+05	1.095e+05	7.57e-03	-216.26	0.0	-5124.58	11.64	-653.26	-4856.89	1.013e+05	9.274e+04
		9.856e+04	7.975e+04	1.23e-03	0.0	13.8	-5136.75	-65.94	-653.26	-4856.89	9.236e+04	9.252e+04
137	8	1.176e+05	1.083e+05	7.88e-03	-216.26	27.5	-5149.00	-143.98	-653.26	-4856.89	8.337e+04	9.122e+04
		1.027e+05	7.895e+04	1.22e-03	0.0	0.0	-5919.85	13.25	-786.59	-6543.46	1.227e+05	9.367e+04
137	9	8.497e+04	6.253e+04	5.66e-03	-158.21	13.8	-5932.37	-66.48	-786.59	-6543.46	1.119e+05	9.351e+04
		7.406e+04	4.546e+04	7.04e-04	0.0	27.5	-5944.97	-146.79	-786.59	-6543.46	1.011e+05	9.225e+04
137	22	1.214e+05	9.542e+04	8.10e-03	-211.86	0.0	-5941.82	8.76	-778.79	-6872.58	1.215e+05	9.722e+04
		1.058e+05	6.956e+04	1.08e-03	0.0	13.8	-5954.33	-70.97	-778.79	-6872.58	1.108e+05	9.700e+04
137	23	9.451e+04	6.019e+04	6.28e-03	-158.21	27.5	-5966.94	-151.28	-778.79	-6872.58	1.001e+05	9.569e+04
		8.225e+04	4.387e+04	6.79e-04	0.0	0.0	-5168.51	2.66	-637.67	-5515.14	9.889e+04	9.984e+04
137	25	8.524e+04	6.566e+04	5.68e-03	-159.39	13.8	-5180.69	-74.92	-637.67	-5515.14	9.012e+04	9.951e+04
		7.431e+04	4.776e+04	7.40e-04	0.0	27.5	-5192.94	-152.97	-637.67	-5515.14	8.135e+04	9.811e+04
137	31	8.641e+04	7.967e+04	5.79e-03	-164.64	0.0	-5519.29	3.38	-696.48	-6256.88	1.083e+05	1.002e+05
		7.544e+04	5.801e+04	8.98e-04	0.0	13.8	-5531.61	-75.15	-696.48	-6256.88	9.873e+04	9.995e+04
137	32	8.959e+04	7.889e+04	6.00e-03	-164.64	27.5	-5544.02	-154.20	-696.48	-6256.88	8.915e+04	9.856e+04
		7.818e+04	5.747e+04	8.90e-04	0.0	0.0	-5124.58	11.64	-653.26	-4856.89	1.013e+05	9.274e+04
137	35	9.159e+04	6.410e+04	6.10e-03	-159.39	13.8	-5136.75	-65.94	-653.26	-4856.89	9.236e+04	9.252e+04
						27.5	-5149.00	-143.98	-653.26	-4856.89	8.337e+04	9.122e+04
						0.0	-5470.42	-423.58	-1081.66	-8037.74	1.095e+05	1.128e+05
						13.8	-5487.33	-531.32	-1081.66	-8037.74	9.463e+04	1.064e+05
						27.5	-5504.37	-639.84	-1081.66	-8037.74	7.975e+04	9.856e+04
						0.0	-5531.51	-447.43	-1068.10	-7983.56	1.083e+05	1.176e+05
						13.8	-5548.41	-555.17	-1068.10	-7983.56	9.365e+04	1.109e+05
						27.5	-5565.45	-663.70	-1068.10	-7983.56	7.895e+04	1.027e+05
						0.0	-3474.78	-320.90	-620.11	-3490.44	6.253e+04	8.497e+04
						13.8	-3487.16	-399.78	-620.11	-3490.44	5.400e+04	8.006e+04
						27.5	-3499.61	-479.11	-620.11	-3490.44	4.546e+04	7.406e+04
						0.0	-5195.80	-468.61	-939.88	-6470.10	9.542e+04	1.214e+05
						13.8	-5212.37	-574.19	-939.88	-6470.10	8.249e+04	1.143e+05
						27.5	-5229.06	-680.47	-939.88	-6470.10	6.956e+04	1.058e+05
						0.0	-3596.94	-368.61	-593.00	-3382.09	6.019e+04	9.451e+04
						13.8	-3609.32	-447.49	-593.00	-3382.09	5.203e+04	8.892e+04
						27.5	-3621.77	-526.82	-593.00	-3382.09	4.387e+04	8.225e+04
						0.0	-3580.58	-321.61	-650.69	-3879.59	6.566e+04	8.524e+04
						13.8	-3593.05	-401.07	-650.69	-3879.59	5.671e+04	8.032e+04
						27.5	-3605.60	-481.00	-650.69	-3879.59	4.776e+04	7.431e+04
						0.0	-4053.82	-324.79	-787.48	-5616.34	7.967e+04	8.641e+04
						13.8	-4066.70	-406.83	-787.48	-5616.34	6.884e+04	8.149e+04
						27.5	-4079.66	-489.44	-787.48	-5616.34	5.801e+04	7.544e+04
						0.0	-4094.54	-340.70	-778.44	-5580.23	7.889e+04	8.959e+04
						13.8	-4107.42	-422.73	-778.44	-5580.23	6.818e+04	8.445e+04
						27.5	-4120.38	-505.34	-778.44	-5580.23	5.747e+04	7.818e+04
						0.0	-3662.02	-353.42	-632.62	-3807.35	6.410e+04	9.159e+04

		7.977e+04	4.670e+04	7.23e-04	0.0	13.8	-3674.50	-432.88	-632.62	-3807.35	5.540e+04	8.623e+04
						27.5	-3687.04	-512.80	-632.62	-3807.35	4.670e+04	7.977e+04
137	36	9.211e+04	7.028e+04	6.14e-03	-161.71	0.0	-3870.74	-354.81	-692.96	-4571.25	7.028e+04	9.211e+04
		8.027e+04	5.121e+04	7.93e-04	0.0	13.8	-3883.39	-435.41	-692.96	-4571.25	6.075e+04	8.675e+04
						27.5	-3896.12	-516.52	-692.96	-4571.25	5.121e+04	8.027e+04
137	37	8.524e+04	6.566e+04	5.68e-03	-159.39	0.0	-3580.58	-321.61	-650.69	-3879.59	6.566e+04	8.524e+04
		7.431e+04	4.776e+04	7.40e-04	0.0	13.8	-3593.05	-401.07	-650.69	-3879.59	5.671e+04	8.032e+04
						27.5	-3605.60	-481.00	-650.69	-3879.59	4.776e+04	7.431e+04
138	7	7.808e+04	4.835e+04	0.01	-222.60	0.0	-2946.57	-889.16	-1283.06	-4727.62	4.835e+04	7.808e+04
		5.063e+04	1.305e+04	1.56e-03	0.0	13.8	-2963.98	-1000.06	-1283.06	-4727.62	3.070e+04	6.512e+04
						27.5	-2981.51	-1111.76	-1283.06	-4727.62	1.305e+04	5.063e+04
138	8	8.121e+04	4.795e+04	0.01	-222.60	0.0	-3034.46	-930.19	-1267.16	-3969.77	4.795e+04	8.121e+04
		5.258e+04	1.309e+04	1.54e-03	0.0	13.8	-3051.87	-1041.10	-1267.16	-3969.77	3.052e+04	6.766e+04
						27.5	-3069.40	-1152.79	-1267.16	-3969.77	1.309e+04	5.258e+04
138	9	5.832e+04	2.747e+04	8.86e-03	-161.78	0.0	-2022.30	-668.18	-738.57	-732.80	2.747e+04	5.832e+04
		3.758e+04	7151.94	8.90e-04	0.0	13.8	-2034.97	-748.85	-738.57	-732.80	1.731e+04	4.851e+04
						27.5	-2047.70	-829.97	-738.57	-732.80	7151.94	3.758e+04
138	22	8.341e+04	4.230e+04	0.01	-217.49	0.0	-2990.14	-962.67	-1116.86	-1638.23	4.230e+04	8.341e+04
		5.379e+04	1.158e+04	1.36e-03	0.0	13.8	-3007.15	-1071.07	-1116.86	-1638.23	2.694e+04	6.935e+04
						27.5	-3024.27	-1180.16	-1116.86	-1638.23	1.158e+04	5.379e+04
138	25	5.857e+04	2.887e+04	8.90e-03	-163.14	0.0	-2057.56	-670.46	-774.41	-1152.45	2.887e+04	5.857e+04
		3.778e+04	7568.81	9.35e-04	0.0	13.8	-2070.33	-751.80	-774.41	-1152.45	1.822e+04	4.874e+04
						27.5	-2083.17	-833.61	-774.41	-1152.45	7568.81	3.778e+04
138	31	5.969e+04	3.515e+04	9.06e-03	-169.24	0.0	-2215.22	-680.65	-934.73	-3025.64	3.515e+04	5.969e+04
		3.866e+04	9430.83	1.14e-03	0.0	13.8	-2228.45	-764.98	-934.73	-3025.64	2.229e+04	4.976e+04
						27.5	-2241.78	-849.89	-934.73	-3025.64	9430.83	3.866e+04
138	32	6.179e+04	3.488e+04	9.39e-03	-169.24	0.0	-2273.81	-708.00	-924.13	-2520.41	3.488e+04	6.179e+04
		3.996e+04	9460.52	1.12e-03	0.0	13.8	-2287.05	-792.34	-924.13	-2520.41	2.217e+04	5.146e+04
						27.5	-2300.38	-877.25	-924.13	-2520.41	9460.52	3.996e+04
138	36	6.325e+04	3.111e+04	9.62e-03	-165.84	0.0	-2244.26	-729.66	-823.94	-966.05	3.111e+04	6.325e+04
		4.077e+04	8448.03	1.00e-03	0.0	13.8	-2257.23	-812.32	-823.94	-966.05	1.978e+04	5.258e+04
						27.5	-2270.29	-895.49	-823.94	-966.05	8448.03	4.077e+04
138	37	5.857e+04	2.887e+04	8.90e-03	-163.14	0.0	-2057.56	-670.46	-774.41	-1152.45	2.887e+04	5.857e+04
		3.778e+04	7568.81	9.35e-04	0.0	13.8	-2070.33	-751.80	-774.41	-1152.45	1.822e+04	4.874e+04
						27.5	-2083.17	-833.61	-774.41	-1152.45	7568.81	3.778e+04
139	7	1.556e+04	-3.002e+04	0.01	-228.94	0.0	-529.54	-1479.59	-2059.05	6764.09	-3.002e+04	1.556e+04
		-2.879e+04	-8.666e+04	1.62e-03	0.0	13.8	-547.44	-1593.66	-2059.05	6764.09	-5.834e+04	-5828.41
						27.5	-565.47	-1708.53	-2059.05	6764.09	-8.666e+04	-2.879e+04
139	8	1.594e+04	-2.949e+04	0.01	-228.94	0.0	-642.67	-1542.11	-2038.55	8690.14	-2.949e+04	1.594e+04
		-3.025e+04	-8.556e+04	1.60e-03	0.0	13.8	-660.57	-1656.18	-2038.55	8690.14	-5.753e+04	-6365.80
						27.5	-678.60	-1771.05	-2038.55	8690.14	-8.556e+04	-3.025e+04
139	15	1.194e+04	-2.293e+04	0.01	-175.76	0.0	-414.41	-1137.14	-1571.88	5306.51	-2.293e+04	1.194e+04
		-2.215e+04	-6.617e+04	1.23e-03	0.0	13.8	-428.16	-1224.72	-1571.88	5306.51	-4.455e+04	-4503.33
						27.5	-442.00	-1312.91	-1571.88	5306.51	-6.617e+04	-2.215e+04
139	21	1.536e+04	-2.387e+04	0.01	-218.53	0.0	-971.67	-1574.25	-1652.82	1.371e+04	-2.387e+04	1.536e+04
		-3.190e+04	-6.933e+04	1.28e-03	0.0	13.8	-988.77	-1683.19	-1652.82	1.371e+04	-4.660e+04	-7516.33
						27.5	-1005.97	-1792.77	-1652.82	1.371e+04	-6.933e+04	-3.190e+04
139	23	1.174e+04	-1.678e+04	0.01	-165.35	0.0	-856.54	-1231.80	-1165.65	1.225e+04	-1.678e+04	1.174e+04
		-2.526e+04	-4.884e+04	8.95e-04	0.0	13.8	-869.48	-1314.25	-1165.65	1.225e+04	-3.281e+04	-6191.25
						27.5	-882.50	-1397.15	-1165.65	1.225e+04	-4.884e+04	-2.526e+04
139	31	1.176e+04	-2.199e+04	0.01	-173.84	0.0	-454.21	-1131.55	-1504.56	5875.08	-2.199e+04	1.176e+04
		-2.219e+04	-6.338e+04	1.18e-03	0.0	13.8	-467.81	-1218.18	-1504.56	5875.08	-4.268e+04	-4616.47
						27.5	-481.50	-1305.39	-1504.56	5875.08	-6.338e+04	-2.219e+04
139	32	1.201e+04	-2.164e+04	0.01	-173.84	0.0	-529.63	-1173.23	-1490.89	7159.12	-2.164e+04	1.201e+04
		-2.316e+04	-6.264e+04	1.17e-03	0.0	13.8	-543.23	-1259.86	-1490.89	7159.12	-4.214e+04	-4974.73
						27.5	-556.92	-1347.07	-1490.89	7159.12	-6.264e+04	-2.316e+04
139	35	1.163e+04	-1.789e+04	0.01	-166.90	0.0	-748.97	-1194.65	-1233.74	1.050e+04	-1.789e+04	1.163e+04
		-2.426e+04	-5.182e+04	9.51e-04	0.0	13.8	-762.03	-1277.87	-1233.74	1.050e+04	-3.886e+04	-5741.75
						27.5	-775.16	-1361.56	-1233.74	1.050e+04	-5.182e+04	-2.426e+04
139	37	1.111e+04	-1.860e+04	0.01	-166.90	0.0	-598.13	-1111.29	-1261.07	7935.22	-1.860e+04	1.111e+04
		-2.231e+04	-5.329e+04	9.70e-04	0.0	13.8	-611.19	-1194.51	-1261.07	7935.22	-3.594e+04	-5025.24
						27.5	-624.33	-1278.20	-1261.07	7935.22	-5.329e+04	-2.231e+04
140	7	-8.864e+04	-1.631e+05	0.01	-235.27	0.0	2103.40	-2786.98	-3477.22	3.943e+04	-1.631e+05	-8.864e+04
		-1.725e+05	-2.587e+05	1.21e-03	0.0	13.8	2084.99	-2904.22	-3477.22	3.943e+04	-2.109e+05	-1.298e+05
						27.5	2066.47	-3022.26	-3477.22	3.943e+04	-2.587e+05	-1.725e+05
140	9	-6.746e+04	-9.609e+04	7.97e-03	-168.93	0.0	899.06	-2085.68	-2045.63	3.393e+04	-9.609e+04	-6.746e+04
		-1.304e+05	-1.523e+05	6.84e-04	0.0	13.8	885.84	-2169.92	-2045.63	3.393e+04	-1.242e+05	-9.834e+04
						27.5	872.55	-2254.61	-2045.63	3.393e+04	-1.523e+05	-1.304e+05
140	22	-9.635e+04	-1.436e+05	0.01	-228.75	0.0	1438.13	-2986.93	-3072.38	5.001e+04	-1.436e+05	-9.635e+04
		-1.863e+05	-2.281e+05	1.06e-03	0.0	13.8	1420.23	-3100.96	-3072.38	5.001e+04	-1.859e+05	-1.406e+05
						27.5	1402.23	-3215.69	-3072.38	5.001e+04	-2.281e+05	-1.863e+05
140	23	-7.556e+04	-9.251e+04	8.81e-03	-168.93	0.0	622.74	-2317.10	-1981.18	4.256e+04	-9.251e+04	-7.556e+04
		-1.455e+05	-1.470e+05	6.66e-04	0.0	13.8	609.52	-2401.34	-1981.18	4.256e+04	-1.197e+05	-1.099e+05
						27.5	596.23	-2486.03	-1981.18	4.256e+04	-1.470e+05	-1.455e+05
140	25	-6.757e+04	-1.003e+05	8.02e-03	-170.66	0.0	1002.78	-2094.07	-2136.40	3.341e+04	-1.003e+05	-6.757e+04
		-1.307e+05	-1.591e+05	7.20e-04	0.0	13.8	989.42	-2179.17	-2136.40	3.341e+04	-1.297e+05	-9.855e+04
						27.5	975.99	-2264.74	-2136.40	3.341e+04	-1.591e+05	-1.307e+05

140	31	-6.803e+04	-1.193e+05	8.21e-03	-178.45	0.0	1466.82	-2131.60	-2542.49	3.109e+04	-1.193e+05	-6.803e+04
		-1.322e+05	-1.892e+05	8.79e-04	0.0	13.8	1452.86	-2220.54	-2542.49	3.109e+04	-1.542e+05	-9.950e+04
						27.5	1438.81	-2310.05	-2542.49	3.109e+04	-1.892e+05	-1.322e+05
140	35	-7.297e+04	-9.794e+04	8.57e-03	-170.66	0.0	818.57	-2248.35	-2093.43	3.916e+04	-9.794e+04	-7.297e+04
		-1.408e+05	-1.555e+05	7.08e-04	0.0	13.8	805.21	-2333.45	-2093.43	3.916e+04	-1.267e+05	-1.063e+05
						27.5	791.78	-2419.02	-2093.43	3.916e+04	-1.555e+05	-1.408e+05
140	36	-7.317e+04	-1.063e+05	8.66e-03	-174.10	0.0	1023.31	-2264.91	-2272.59	3.814e+04	-1.063e+05	-7.317e+04
		-1.414e+05	-1.688e+05	7.78e-04	0.0	13.8	1009.69	-2351.70	-2272.59	3.814e+04	-1.375e+05	-1.067e+05
						27.5	995.99	-2439.00	-2272.59	3.814e+04	-1.688e+05	-1.414e+05
140	37	-6.757e+04	-1.003e+05	8.02e-03	-170.66	0.0	1002.78	-2094.07	-2136.40	3.341e+04	-1.003e+05	-6.757e+04
		-1.307e+05	-1.591e+05	7.20e-04	0.0	13.8	989.42	-2179.17	-2136.40	3.341e+04	-1.297e+05	-9.855e+04
						27.5	975.99	-2264.74	-2136.40	3.341e+04	-1.591e+05	-1.307e+05
141	7	-5.026e+04	8.414e+05	-0.01	-181.41	0.0	-1.748e+04	1662.30	-6216.75	-1.683e+05	8.414e+05	-9.572e+04
		-9.572e+04	6.703e+05	-6.14e-03	0.0	13.8	-1.749e+04	1571.99	-6216.75	-1.683e+05	7.559e+05	-7.236e+04
						27.5	-1.751e+04	1480.89	-6216.75	-1.683e+05	6.703e+05	-5.026e+04
141	15	-3.879e+04	6.424e+05	-7.91e-03	-139.51	0.0	-1.335e+04	1281.09	-4747.44	-1.286e+05	6.424e+05	-6.324e+04
		-7.382e+04	5.118e+05	-4.68e-03	0.0	13.8	-1.336e+04	1211.64	-4747.44	-1.286e+05	5.771e+05	-5.583e+04
						27.5	-1.337e+04	1141.58	-4747.44	-1.286e+05	5.118e+05	-3.879e+04
141	21	-6.123e+04	6.879e+05	-0.01	-180.46	0.0	-1.426e+04	1887.67	-5146.83	-1.487e+05	6.879e+05	-1.132e+05
		-1.132e+05	5.463e+05	-4.92e-03	0.0	13.8	-1.428e+04	1797.76	-5146.83	-1.487e+05	6.171e+05	-8.662e+04
						27.5	-1.429e+04	1707.21	-5146.83	-1.487e+05	5.463e+05	-6.123e+04
141	23	-4.976e+04	4.889e+05	-8.55e-03	-138.57	0.0	-1.013e+04	1506.46	-3677.51	-1.090e+05	4.889e+05	-9.135e+04
		-9.135e+04	3.878e+05	-3.46e-03	0.0	13.8	-1.014e+04	1437.40	-3677.51	-1.090e+05	4.384e+05	-7.008e+04
						27.5	-1.015e+04	1367.89	-3677.51	-1.090e+05	3.878e+05	-4.976e+04
141	31	-3.953e+04	6.154e+05	-7.87e-03	-139.34	0.0	-1.279e+04	1294.44	-4553.29	-1.238e+05	6.154e+05	-7.490e+04
		-7.490e+04	4.901e+05	-4.48e-03	0.0	13.8	-1.280e+04	1225.05	-4553.29	-1.238e+05	5.528e+05	-5.674e+04
						27.5	-1.281e+04	1155.10	-4553.29	-1.238e+05	4.901e+05	-3.953e+04
141	35	-4.684e+04	5.131e+05	-8.30e-03	-138.71	0.0	-1.064e+04	1444.68	-3840.00	-1.107e+05	5.131e+05	-8.659e+04
		-8.659e+04	4.074e+05	-3.66e-03	0.0	13.8	-1.065e+04	1375.56	-3840.00	-1.107e+05	4.603e+05	-6.624e+04
						27.5	-1.067e+04	1305.98	-3840.00	-1.107e+05	4.074e+05	-4.684e+04
141	37	-4.220e+04	5.178e+05	-7.75e-03	-138.71	0.0	-1.077e+04	1342.74	-3850.95	-1.065e+05	5.178e+05	-7.882e+04
		-7.882e+04	4.118e+05	-3.73e-03	0.0	13.8	-1.078e+04	1273.62	-3850.95	-1.065e+05	4.648e+05	-6.003e+04
						27.5	-1.079e+04	1204.03	-3850.95	-1.065e+05	4.118e+05	-4.220e+04
142	7	8247.39	2.985e+04	-4.43e-03	-98.03	0.0	1077.13	1306.37	410.86	7.206e+04	2.359e+04	-7308.21
		-7308.21	2.359e+04	-7.54e-04	0.0	7.6	1085.31	1257.38	410.86	7.206e+04	2.672e+04	655.71
						15.2	1093.49	1208.33	410.86	7.206e+04	2.985e+04	8247.39
142	8	7805.50	3.015e+04	-4.65e-03	-98.03	0.0	970.10	1353.88	405.52	7.112e+04	2.397e+04	-8513.30
		-8513.30	2.397e+04	-7.45e-04	0.0	7.6	978.27	1304.90	405.52	7.112e+04	2.706e+04	-167.78
						15.2	986.46	1255.85	405.52	7.112e+04	3.015e+04	7805.50
142	9	3809.01	1.897e+04	-3.51e-03	-75.27	0.0	301.77	979.03	232.43	4.347e+04	1.543e+04	-8332.99
		-8332.99	1.543e+04	-4.32e-04	0.0	7.6	308.05	941.41	232.43	4.347e+04	1.720e+04	-2119.08
						15.2	314.34	903.76	232.43	4.347e+04	1.897e+04	3809.01
142	21	4909.37	2.658e+04	-4.98e-03	-97.90	0.0	352.98	1376.35	319.24	5.860e+04	2.171e+04	-1.234e+04
		-1.234e+04	2.171e+04	-5.92e-04	0.0	7.6	361.14	1327.43	319.24	5.860e+04	2.415e+04	-3531.01
						15.2	369.32	1278.45	319.24	5.860e+04	2.658e+04	4909.37
142	23	2925.24	1.956e+04	-3.96e-03	-75.27	0.0	87.71	1074.06	221.76	4.159e+04	1.618e+04	-1.074e+04
		-1.074e+04	1.618e+04	-4.14e-04	0.0	7.6	93.99	1036.44	221.76	4.159e+04	1.787e+04	-3766.05
						15.2	100.27	998.78	221.76	4.159e+04	1.956e+04	2925.24
142	25	4174.85	1.955e+04	-3.49e-03	-75.29	0.0	377.75	982.76	244.49	4.519e+04	1.582e+04	-7941.72
		-7941.72	1.582e+04	-4.53e-04	0.0	7.6	384.03	945.13	244.49	4.519e+04	1.768e+04	-1740.48
						15.2	390.31	907.47	244.49	4.519e+04	1.955e+04	4174.85
142	31	5811.01	2.212e+04	-3.43e-03	-75.38	0.0	717.81	999.46	298.46	5.291e+04	1.757e+04	-6191.88
		-6191.88	1.757e+04	-5.49e-04	0.0	7.6	724.09	961.79	298.46	5.291e+04	1.985e+04	-47.32
						15.2	730.38	924.08	298.46	5.291e+04	2.212e+04	5811.01
142	32	5516.42	2.232e+04	-3.58e-03	-75.38	0.0	646.45	1031.13	294.91	5.229e+04	1.782e+04	-6995.28
		-6995.28	1.782e+04	-5.43e-04	0.0	7.6	652.74	993.47	294.91	5.229e+04	2.007e+04	-596.31
						15.2	659.03	955.75	294.91	5.229e+04	2.232e+04	5516.42
142	35	3585.67	1.994e+04	-3.80e-03	-75.29	0.0	235.04	1046.11	237.38	4.394e+04	1.632e+04	-9548.50
		-9548.50	1.632e+04	-4.41e-04	0.0	7.6	241.32	1008.49	237.38	4.394e+04	1.813e+04	-2838.47
						15.2	247.60	970.82	237.38	4.394e+04	1.994e+04	3585.67
142	37	4174.85	1.955e+04	-3.49e-03	-75.29	0.0	377.75	982.76	244.49	4.519e+04	1.582e+04	-7941.72
		-7941.72	1.582e+04	-4.53e-04	0.0	7.6	384.03	945.13	244.49	4.519e+04	1.768e+04	-1740.48
						15.2	390.31	907.47	244.49	4.519e+04	1.955e+04	4174.85
143	8	-1.960e+05	1.013e+05	-0.02	-479.80	0.0	-1099.41	5200.52	-618.29	-5.119e+04	1.013e+05	-3.202e+05
		-3.202e+05	8.589e+04	2.52e-04	0.0	12.3	-1109.17	4960.83	-618.29	-5.119e+04	9.357e+04	-2.566e+05
						24.6	-1118.93	4720.72	-618.29	-5.119e+04	8.589e+04	-1.960e+05
143	9	-1.265e+05	6.762e+04	-0.01	-303.06	0.0	-861.41	3357.32	-398.07	-3.416e+04	6.762e+04	-2.069e+05
		-2.069e+05	5.772e+04	1.41e-04	0.0	12.3	-867.57	3205.91	-398.07	-3.416e+04	6.267e+04	-1.658e+05
						24.6	-873.74	3054.26	-398.07	-3.416e+04	5.772e+04	-1.265e+05
143	15	-1.471e+05	7.468e+04	-0.01	-367.07	0.0	-719.60	3911.64	-465.53	-3.662e+04	7.468e+04	-2.403e+05
		-2.403e+05	6.312e+04	2.02e-04	0.0	12.3	-727.06	3728.27	-465.53	-3.662e+04	6.890e+04	-1.926e+05
						24.6	-734.53	3544.57	-465.53	-3.662e+04	6.312e+04	-1.471e+05
143	21	-1.793e+05	9.809e+04	-0.01	-415.79	0.0	-1411.42	4738.99	-561.26	-5.218e+04	9.809e+04	-2.933e+05
		-2.933e+05	8.411e+04	1.78e-04	0.0	12.3	-1419.87	4531.26	-561.26	-5.218e+04	9.110e+04	-2.350e+05
						24.6	-1428.34	4323.20	-561.26	-5.218e+04	8.411e+04	-1.793e+05
143	25	-1.295e+05	6.866e+04	-0.01	-312.55	0.0	-840.19	3439.45	-408.04	-3.453e+04	6.866e+04	-2.119e+05
		-2.119e+05	5.852e+04	1.50e-04	0.0	12.3	-846.54	3283.30	-408.04	-3.453e+04	6.359e+04	-1.697e+05

143	31	-1.433e+05	7.336e+04	-0.01	-355.22	24.6	-852.90	3126.90	-408.04	-3.453e+04	5.852e+04	-1.295e+05
		-2.341e+05	6.212e+04	1.91e-04	0.0	0.0	-745.65	3808.99	-453.01	-3.618e+04	7.336e+04	-2.341e+05
						12.3	-752.87	3631.54	-453.01	-3.618e+04	6.774e+04	-1.876e+05
143	32	-1.459e+05	7.596e+04	-0.01	-355.22	24.6	-760.10	3453.78	-453.01	-3.618e+04	6.212e+04	-1.433e+05
		-2.384e+05	6.453e+04	1.82e-04	0.0	0.0	-859.12	3870.85	-459.96	-3.848e+04	7.596e+04	-2.384e+05
						12.3	-866.33	3693.40	-459.96	-3.848e+04	7.025e+04	-1.911e+05
143	35	-1.348e+05	7.386e+04	-0.01	-312.55	24.6	-873.57	3515.64	-459.96	-3.848e+04	6.453e+04	-1.459e+05
		-2.205e+05	6.335e+04	1.33e-04	0.0	0.0	-1067.12	3563.17	-421.94	-3.914e+04	7.386e+04	-2.205e+05
						12.3	-1073.47	3407.02	-421.94	-3.914e+04	6.860e+04	-1.767e+05
143	37	-1.295e+05	6.866e+04	-0.01	-312.55	24.6	-1079.84	3250.62	-421.94	-3.914e+04	6.335e+04	-1.348e+05
		-2.119e+05	5.852e+04	1.50e-04	0.0	0.0	-840.19	3439.45	-408.04	-3.453e+04	6.866e+04	-2.119e+05
						12.3	-846.54	3283.30	-408.04	-3.453e+04	6.359e+04	-1.677e+05
144	8	-7.754e+04	-7.479e+04	-0.05	-422.74	24.6	-852.90	3126.90	-408.04	-3.453e+04	5.852e+04	-1.295e+05
		-2.008e+05	-1.018e+05	1.14e-03	0.0	0.0	1973.73	5106.07	1126.92	-4.638e+04	-1.018e+05	-2.008e+05
						12.0	1973.73	4894.71	1126.92	-4.638e+04	-8.829e+04	-1.379e+05
144	9	-4.955e+04	-4.814e+04	-0.03	-262.20	24.0	1973.73	4683.33	1126.92	-4.638e+04	-7.479e+04	-7.754e+04
		-1.286e+05	-6.554e+04	7.17e-04	0.0	0.0	1290.83	3255.29	725.99	-3.527e+04	-6.554e+04	-1.286e+05
						12.0	1290.83	3124.19	725.99	-3.527e+04	-5.684e+04	-8.828e+04
						24.0	1290.83	2993.09	725.99	-3.527e+04	-4.814e+04	-4.955e+04
144	25	-5.084e+04	-4.929e+04	-0.03	-271.26	0.0	1316.80	3341.60	743.22	-3.478e+04	-6.711e+04	-1.318e+05
		-1.318e+05	-6.711e+04	7.38e-04	0.0	12.0	1316.80	3205.97	743.22	-3.478e+04	-5.820e+04	-9.053e+04
						24.0	1316.80	3070.33	743.22	-3.478e+04	-4.929e+04	-5.084e+04
144	32	-5.762e+04	-5.566e+04	-0.03	-311.95	0.0	1474.08	3792.05	838.90	-3.589e+04	-7.577e+04	-1.492e+05
		-1.492e+05	-7.577e+04	8.45e-04	0.0	12.0	1474.08	3636.08	838.90	-3.589e+04	-6.571e+04	-1.025e+05
						24.0	1474.08	3480.10	838.90	-3.589e+04	-5.566e+04	-5.762e+04
144	37	-5.084e+04	-4.929e+04	-0.03	-271.26	0.0	1316.80	3341.60	743.22	-3.478e+04	-6.711e+04	-1.318e+05
		-1.318e+05	-6.711e+04	7.38e-04	0.0	12.0	1316.80	3205.97	743.22	-3.478e+04	-5.820e+04	-9.053e+04
						24.0	1316.80	3070.33	743.22	-3.478e+04	-4.929e+04	-5.084e+04
145	7	4.477e+04	4.889e+04	-8.18e-03	-197.37	0.0	-208.93	1145.41	437.99	7.968e+04	4.221e+04	3.260e+04
		1.893e+04	3.554e+04	-1.39e-03	0.0	15.2	-192.48	1046.86	437.99	7.968e+04	4.889e+04	4.477e+04
						30.4	-175.99	948.05	437.99	7.968e+04	4.889e+04	4.477e+04
145	9	3.351e+04	2.930e+04	-6.57e-03	-151.28	0.0	-404.30	866.94	236.44	4.833e+04	2.210e+04	1.300e+04
		1.300e+04	2.210e+04	-7.87e-04	0.0	15.2	-391.69	791.37	236.44	4.833e+04	2.570e+04	2.383e+04
						30.4	-379.06	715.65	236.44	4.833e+04	2.930e+04	3.351e+04
145	15	3.441e+04	3.734e+04	-6.30e-03	-151.80	0.0	-168.38	880.64	333.72	6.088e+04	2.717e+04	1.451e+04
		1.451e+04	2.717e+04	-1.06e-03	0.0	15.2	-155.73	804.84	333.72	6.088e+04	3.226e+04	2.504e+04
						30.4	-143.05	728.83	333.72	6.088e+04	3.734e+04	3.441e+04
145	21	4.737e+04	4.053e+04	-9.34e-03	-196.85	0.0	-616.98	1217.25	318.45	6.590e+04	3.082e+04	1.817e+04
		1.817e+04	3.082e+04	-1.08e-03	0.0	15.2	-600.57	1118.93	318.45	6.590e+04	3.567e+04	3.351e+04
						30.4	-584.13	1020.40	318.45	6.590e+04	4.053e+04	4.737e+04
145	22	4.776e+04	4.407e+04	-9.23e-03	-197.08	0.0	-512.70	1223.29	361.37	7.143e+04	3.306e+04	1.883e+04
		1.883e+04	3.306e+04	-1.20e-03	0.0	15.2	-496.28	1124.87	361.37	7.143e+04	3.856e+04	3.405e+04
						30.4	-479.82	1026.22	361.37	7.143e+04	4.407e+04	4.776e+04
145	25	3.364e+04	3.050e+04	-6.53e-03	-151.36	0.0	-369.20	868.98	250.93	5.020e+04	2.285e+04	1.323e+04
		1.323e+04	2.285e+04	-8.27e-04	0.0	15.2	-356.58	793.38	250.93	5.020e+04	2.668e+04	2.401e+04
						30.4	-343.94	717.62	250.93	5.020e+04	3.050e+04	3.364e+04
145	31	3.424e+04	3.586e+04	-6.35e-03	-151.71	0.0	-211.92	878.11	315.79	5.857e+04	2.624e+04	1.424e+04
		1.424e+04	2.624e+04	-1.01e-03	0.0	15.2	-199.27	802.35	315.79	5.857e+04	3.105e+04	2.481e+04
						30.4	-186.60	726.41	315.79	5.857e+04	3.586e+04	3.424e+04
145	35	3.597e+04	3.029e+04	-7.13e-03	-151.36	0.0	-483.95	926.00	236.10	4.938e+04	2.309e+04	1.372e+04
		1.372e+04	2.309e+04	-8.01e-04	0.0	15.2	-471.33	850.40	236.10	4.938e+04	2.669e+04	2.542e+04
						30.4	-458.69	774.64	236.10	4.938e+04	3.029e+04	3.597e+04
145	36	3.624e+04	3.265e+04	-7.05e-03	-151.51	0.0	-414.43	930.03	264.71	5.307e+04	2.458e+04	1.417e+04
		1.417e+04	2.458e+04	-8.82e-04	0.0	15.2	-401.80	854.36	264.71	5.307e+04	2.861e+04	2.578e+04
						30.4	-389.15	778.52	264.71	5.307e+04	3.265e+04	3.624e+04
145	37	3.364e+04	3.050e+04	-6.53e-03	-151.36	0.0	-369.20	868.98	250.93	5.020e+04	2.285e+04	1.323e+04
		1.323e+04	2.285e+04	-8.27e-04	0.0	15.2	-356.58	793.38	250.93	5.020e+04	2.668e+04	2.401e+04
						30.4	-343.94	717.62	250.93	5.020e+04	3.050e+04	3.364e+04
146	7	6.767e+04	7.629e+04	-2.80e-03	-99.60	0.0	-2426.74	764.70	658.66	8.292e+04	6.627e+04	5.985e+04
		5.985e+04	6.627e+04	-5.72e-04	0.0	7.6	-2418.43	714.94	658.66	8.292e+04	7.128e+04	6.395e+04
						15.2	-2410.12	665.11	658.66	8.292e+04	7.629e+04	6.767e+04
146	8	7.099e+04	7.548e+04	-2.97e-03	-99.60	0.0	-2471.19	792.23	643.66	8.276e+04	6.568e+04	6.274e+04
		6.274e+04	6.568e+04	-5.63e-04	0.0	7.6	-2462.89	742.47	643.66	8.276e+04	7.058e+04	6.705e+04
						15.2	-2454.57	692.64	643.66	8.276e+04	7.548e+04	7.099e+04
146	9	5.286e+04	4.416e+04	-2.30e-03	-76.16	0.0	-1616.47	570.69	358.20	5.037e+04	3.871e+04	4.659e+04
		4.659e+04	3.871e+04	-3.20e-04	0.0	7.6	-1610.12	532.63	358.20	5.037e+04	4.143e+04	4.987e+04
						15.2	-1603.76	494.53	358.20	5.037e+04	4.416e+04	5.286e+04
146	15	5.208e+04	5.822e+04	-2.16e-03	-76.60	0.0	-1858.62	587.67	501.93	6.335e+04	5.058e+04	4.606e+04
		4.606e+04	5.058e+04	-4.36e-04	0.0	7.6	-1852.24	549.40	501.93	6.335e+04	5.440e+04	4.921e+04
						15.2	-1845.84	511.08	501.93	6.335e+04	5.822e+04	5.208e+04
146	21	7.509e+04	6.060e+04	-3.28e-03	-99.15	0.0	-2273.49	802.77	484.94	6.962e+04	5.322e+04	6.616e+04
		6.616e+04	5.322e+04	-4.37e-04	0.0	7.6	-2265.22	753.22	484.94	6.962e+04	5.691e+04	7.081e+04
						15.2	-2256.95	703.62	484.94	6.962e+04	6.060e+04	7.509e+04
146	23	5.950e+04	4.253e+04	-2.64e-03	-76.16	0.0	-1705.38	625.74	328.20	5.005e+04	3.754e+04	5.236e+04
		5.236e+04	3.754e+04	-3.02e-04	0.0	7.6	-1699.03	587.68	328.20	5.005e+04	4.003e+04	5.608e+04
						15.2	-1692.67	549.59	328.20	5.005e+04	4.253e+04	5.950e+04
146	25	5.274e+04	4.626e+04	-2.28e-03	-76.22	0.0	-1652.63	573.22	379.62	5.231e+04	4.048e+04	4.651e+04

		4.651e+04	4.048e+04	-3.37e-04	0.0	7.6	-1646.28	535.13	379.62	5.231e+04	4.337e+04	4.977e+04
						15.2	-1639.91	497.00	379.62	5.231e+04	4.626e+04	5.274e+04
146	31	5.222e+04	5.563e+04	-2.19e-03	-76.52	0.0	-1814.07	584.54	475.44	6.096e+04	4.839e+04	4.615e+04
		4.615e+04	4.839e+04	-4.15e-04	0.0	7.6	-1807.69	546.31	475.44	6.096e+04	5.201e+04	4.933e+04
						15.2	-1801.30	508.03	475.44	6.096e+04	5.563e+04	5.222e+04
146	32	5.444e+04	5.509e+04	-2.30e-03	-76.52	0.0	-1843.70	602.90	465.44	6.086e+04	4.800e+04	4.808e+04
		4.808e+04	4.800e+04	-4.09e-04	0.0	7.6	-1837.32	564.66	465.44	6.086e+04	5.155e+04	5.140e+04
						15.2	-1830.94	526.38	465.44	6.086e+04	5.509e+04	5.444e+04
146	35	5.717e+04	4.517e+04	-2.50e-03	-76.22	0.0	-1711.90	609.92	359.62	5.210e+04	3.970e+04	5.036e+04
		5.036e+04	3.970e+04	-3.25e-04	0.0	7.6	-1705.55	571.83	359.62	5.210e+04	4.243e+04	5.391e+04
						15.2	-1699.19	533.70	359.62	5.210e+04	4.517e+04	5.717e+04
146	37	5.274e+04	4.626e+04	-2.28e-03	-76.22	0.0	-1652.63	573.22	379.62	5.231e+04	4.048e+04	4.651e+04
		4.651e+04	4.048e+04	-3.37e-04	0.0	7.6	-1646.28	535.13	379.62	5.231e+04	4.337e+04	4.977e+04
						15.2	-1639.91	497.00	379.62	5.231e+04	4.626e+04	5.274e+04
147	7	7.751e+04	1.105e+05	-3.00e-03	-200.49	0.0	-3681.63	552.70	768.70	8.432e+04	8.711e+04	7.000e+04
		7.000e+04	8.711e+04	-8.55e-04	0.0	15.2	-3664.93	452.58	768.70	8.432e+04	9.880e+04	7.452e+04
						30.4	-3648.18	352.21	768.70	8.432e+04	1.105e+05	7.751e+04
147	8	8.167e+04	1.090e+05	-3.20e-03	-200.49	0.0	-3702.11	568.29	753.23	8.448e+04	8.606e+04	7.368e+04
		7.368e+04	8.606e+04	-8.40e-04	0.0	15.2	-3685.40	468.17	753.23	8.448e+04	9.752e+04	7.844e+04
						30.4	-3668.65	367.80	753.23	8.448e+04	1.090e+05	8.167e+04
147	9	6.177e+04	6.293e+04	-2.54e-03	-153.05	0.0	-2303.65	404.91	422.52	5.123e+04	5.007e+04	5.555e+04
		5.555e+04	5.007e+04	-4.74e-04	0.0	15.2	-2290.89	328.46	422.52	5.123e+04	5.650e+04	5.924e+04
						30.4	-2278.11	251.86	422.52	5.123e+04	6.293e+04	6.177e+04
147	15	5.970e+04	8.430e+04	-2.31e-03	-154.19	0.0	-2815.05	424.51	585.92	6.442e+04	6.647e+04	5.390e+04
		5.390e+04	6.647e+04	-6.52e-04	0.0	15.2	-2802.20	347.51	585.92	6.442e+04	7.538e+04	5.738e+04
						30.4	-2789.32	270.32	585.92	6.442e+04	8.430e+04	5.970e+04
147	21	8.789e+04	8.610e+04	-3.64e-03	-199.35	0.0	-3211.17	564.28	574.37	7.145e+04	6.862e+04	7.901e+04
		7.901e+04	6.862e+04	-6.47e-04	0.0	15.2	-3194.56	464.71	574.37	7.145e+04	7.736e+04	8.421e+04
						30.4	-3177.91	364.93	574.37	7.145e+04	8.610e+04	8.789e+04
147	23	7.007e+04	5.990e+04	-2.95e-03	-153.05	0.0	-2344.59	436.09	391.59	5.156e+04	4.798e+04	6.291e+04
		6.291e+04	4.798e+04	-4.44e-04	0.0	15.2	-2331.83	359.64	391.59	5.156e+04	5.394e+04	6.707e+04
						30.4	-2319.05	283.04	391.59	5.156e+04	5.990e+04	7.007e+04
147	25	6.146e+04	6.611e+04	-2.51e-03	-153.22	0.0	-2379.95	407.83	446.88	5.319e+04	5.251e+04	5.530e+04
		5.530e+04	5.251e+04	-5.01e-04	0.0	15.2	-2367.17	331.30	446.88	5.319e+04	5.931e+04	5.896e+04
						30.4	-2354.38	254.61	446.88	5.319e+04	6.611e+04	6.146e+04
147	31	6.008e+04	8.036e+04	-2.36e-03	-153.98	0.0	-2720.88	420.90	555.81	6.199e+04	6.345e+04	5.420e+04
		5.420e+04	6.345e+04	-6.19e-04	0.0	15.2	-2708.05	344.00	555.81	6.199e+04	7.190e+04	5.773e+04
						30.4	-2695.19	266.92	555.81	6.199e+04	8.036e+04	6.008e+04
147	32	6.285e+04	7.935e+04	-2.49e-03	-153.98	0.0	-2734.53	431.29	545.50	6.210e+04	6.275e+04	5.666e+04
		5.666e+04	6.275e+04	-6.09e-04	0.0	15.2	-2721.70	354.40	545.50	6.210e+04	7.105e+04	6.034e+04
						30.4	-2708.83	277.31	545.50	6.210e+04	7.935e+04	6.285e+04
147	35	6.700e+04	6.409e+04	-2.78e-03	-153.22	0.0	-2407.24	428.62	426.26	5.341e+04	5.112e+04	6.021e+04
		6.021e+04	5.112e+04	-4.81e-04	0.0	15.2	-2394.47	352.09	426.26	5.341e+04	5.761e+04	6.419e+04
						30.4	-2381.67	275.40	426.26	5.341e+04	6.409e+04	6.700e+04
147	37	6.146e+04	6.611e+04	-2.51e-03	-153.22	0.0	-2379.95	407.83	446.88	5.319e+04	5.251e+04	5.530e+04
		5.530e+04	5.251e+04	-5.01e-04	0.0	15.2	-2367.17	331.30	446.88	5.319e+04	5.931e+04	5.896e+04
						30.4	-2354.38	254.61	446.88	5.319e+04	6.611e+04	6.146e+04
148	7	7.278e+04	1.499e+05	4.48e-04	-101.16	0.0	-5775.69	133.83	904.50	8.746e+04	1.361e+05	7.278e+04
		7.076e+04	1.361e+05	-1.37e-04	0.0	7.6	-5767.25	83.28	904.50	8.746e+04	1.430e+05	7.196e+04
						15.2	-5758.81	32.67	904.50	8.746e+04	1.499e+05	7.076e+04
148	15	5.609e+04	1.143e+05	3.43e-04	-77.79	0.0	-4410.79	102.13	689.70	6.682e+04	1.038e+05	5.609e+04
		5.454e+04	1.038e+05	-1.05e-04	0.0	7.6	-4404.31	63.26	689.70	6.682e+04	1.091e+05	5.546e+04
						15.2	-4397.81	24.34	689.70	6.682e+04	1.143e+05	5.454e+04
148	21	8.465e+04	1.160e+05	4.12e-04	-100.41	0.0	-4763.66	106.13	691.04	7.495e+04	1.055e+05	8.465e+04
		8.267e+04	1.055e+05	-9.88e-05	0.0	7.6	-4755.28	55.96	691.04	7.495e+04	1.108e+05	8.385e+04
						15.2	-4746.90	5.73	691.04	7.495e+04	1.160e+05	8.267e+04
148	23	6.796e+04	8.045e+04	3.07e-04	-77.04	0.0	-3398.76	74.44	476.24	5.432e+04	7.320e+04	6.796e+04
		6.646e+04	7.320e+04	-6.61e-05	0.0	7.6	-3392.34	35.94	476.24	5.432e+04	8.045e+04	6.735e+04
						15.2	-3385.91	-2.60	476.24	5.432e+04	8.045e+04	6.646e+04
148	31	5.670e+04	1.089e+05	3.34e-04	-77.65	0.0	-4232.42	97.62	655.78	6.430e+04	9.893e+04	5.670e+04
		5.518e+04	9.893e+04	-9.86e-05	0.0	7.6	-4225.94	58.81	655.78	6.430e+04	1.039e+05	5.609e+04
						15.2	-4219.46	19.97	655.78	6.430e+04	1.089e+05	5.518e+04
148	35	6.462e+04	8.631e+04	3.10e-04	-77.15	0.0	-3557.73	79.16	513.47	5.596e+04	7.850e+04	6.462e+04
		6.312e+04	7.850e+04	-7.30e-05	0.0	7.6	-3551.30	40.60	513.47	5.596e+04	8.240e+04	6.402e+04
						15.2	-3544.86	2.01	513.47	5.596e+04	8.631e+04	6.312e+04
148	37	5.892e+04	8.924e+04	3.02e-04	-77.15	0.0	-3586.81	81.27	533.05	5.515e+04	8.113e+04	5.892e+04
		5.749e+04	8.113e+04	-7.73e-05	0.0	7.6	-3580.38	42.72	533.05	5.515e+04	8.519e+04	5.835e+04
						15.2	-3573.94	4.12	533.05	5.515e+04	8.924e+04	5.749e+04
149	7	6.295e+04	1.977e+05	3.32e-03	-203.62	0.0	-6939.59	-57.33	1087.99	9.247e+04	1.646e+05	6.295e+04
		5.128e+04	1.646e+05	2.78e-04	0.0	15.2	-6922.62	-159.01	1087.99	9.247e+04	1.812e+05	5.789e+04
						30.4	-6905.61	-260.95	1087.99	9.247e+04	1.977e+05	5.128e+04
149	15	4.856e+04	1.508e+05	2.56e-03	-156.57	0.0	-5297.66	-45.14	829.96	7.065e+04	1.256e+05	4.856e+04
		3.959e+04	1.256e+05	2.13e-04	0.0	15.2	-5284.61	-123.33	829.96	7.065e+04	1.382e+05	4.467e+04
						30.4	-5271.53	-201.72	829.96	7.065e+04	1.508e+05	3.959e+04
149	21	7.529e+04	1.532e+05	3.70e-03	-201.86	0.0	-5621.81	-116.45	850.32	7.970e+04	1.273e+05	7.529e+04
		6.272e+04	1.273e+05	2.28e-04	0.0	15.2	-5604.99	-217.27	850.32	7.970e+04	1.403e+05	6.977e+04
						30.4	-5588.13	-318.30	850.32	7.970e+04	1.532e+05	6.272e+04

149	23	6.090e+04	1.063e+05	2.93e-03	-154.81	0.0	-3979.87	-104.27	592.28	5.788e+04	8.829e+04	6.090e+04
		5.103e+04	8.829e+04	1.62e-04	0.0	15.2	-3966.97	-181.60	592.28	5.788e+04	9.730e+04	5.655e+04
						30.4	-3954.04	-259.08	592.28	5.788e+04	1.063e+05	5.103e+04
149	31	4.934e+04	1.436e+05	2.57e-03	-156.25	0.0	-5072.07	-50.99	791.04	6.796e+04	1.196e+05	4.934e+04
		4.039e+04	1.196e+05	2.04e-04	0.0	15.2	-5059.05	-129.02	791.04	6.796e+04	1.316e+05	4.546e+04
						30.4	-5046.00	-207.24	791.04	6.796e+04	1.436e+05	4.039e+04
149	35	5.757e+04	1.140e+05	2.81e-03	-155.07	0.0	-4193.55	-90.40	632.59	5.945e+04	9.473e+04	5.757e+04
		4.801e+04	9.473e+04	1.70e-04	0.0	15.2	-4180.62	-167.86	632.59	5.945e+04	1.044e+05	5.338e+04
						30.4	-4167.67	-245.48	632.59	5.945e+04	1.140e+05	4.801e+04
149	37	5.216e+04	1.177e+05	2.60e-03	-155.07	0.0	-4255.67	-72.14	650.25	5.824e+04	9.796e+04	5.216e+04
		4.327e+04	9.796e+04	1.73e-04	0.0	15.2	-4242.74	-149.60	650.25	5.824e+04	1.078e+05	4.830e+04
						30.4	-4229.79	-227.21	650.25	5.824e+04	1.177e+05	4.327e+04
150	7	2.763e+04	2.655e+05	2.75e-03	-102.72	0.0	-8714.01	-407.19	1717.01	1.093e+05	2.394e+05	2.763e+04
		1.690e+04	2.394e+05	6.27e-04	0.0	7.6	-8705.44	-458.52	1717.01	1.093e+05	2.525e+05	2.246e+04
						15.2	-8696.87	-509.92	1717.01	1.093e+05	2.655e+05	1.690e+04
150	15	2.142e+04	2.026e+05	2.12e-03	-78.98	0.0	-6649.13	-314.80	1310.70	8.347e+04	1.826e+05	2.142e+04
		1.317e+04	1.826e+05	4.79e-04	0.0	7.6	-6642.54	-354.26	1310.70	8.347e+04	1.926e+05	1.744e+04
						15.2	-6635.94	-393.78	1310.70	8.347e+04	2.026e+05	1.317e+04
150	21	3.808e+04	2.078e+05	3.23e-03	-101.66	0.0	-6899.77	-515.32	1394.89	9.438e+04	1.866e+05	3.808e+04
		2.616e+04	1.866e+05	4.89e-04	0.0	7.6	-6891.29	-566.12	1394.89	9.438e+04	1.972e+05	3.237e+04
						15.2	-6882.80	-616.98	1394.89	9.438e+04	2.078e+05	2.616e+04
150	23	3.187e+04	1.448e+05	2.60e-03	-77.92	0.0	-4834.88	-422.92	988.58	6.859e+04	1.298e+05	3.187e+04
		2.242e+04	1.298e+05	3.40e-04	0.0	7.6	-4828.39	-461.87	988.58	6.859e+04	1.373e+05	2.729e+04
						15.2	-4821.88	-500.84	988.58	6.859e+04	1.448e+05	2.242e+04
150	31	2.237e+04	1.931e+05	2.15e-03	-78.79	0.0	-6348.28	-323.56	1254.38	8.026e+04	1.741e+05	2.237e+04
		1.409e+04	1.741e+05	4.56e-04	0.0	7.6	-6341.71	-362.93	1254.38	8.026e+04	1.836e+05	1.838e+04
						15.2	-6335.13	-402.35	1254.38	8.026e+04	1.931e+05	1.409e+04
150	35	2.934e+04	1.546e+05	2.47e-03	-78.08	0.0	-5138.79	-395.65	1039.64	7.034e+04	1.388e+05	2.934e+04
		2.025e+04	1.388e+05	3.64e-04	0.0	7.6	-5132.28	-434.67	1039.64	7.034e+04	1.467e+05	2.494e+04
						15.2	-5125.76	-473.73	1039.64	7.034e+04	1.546e+05	2.025e+04
150	37	2.580e+04	1.590e+05	2.25e-03	-78.08	0.0	-5259.59	-355.29	1050.62	6.863e+04	1.430e+05	2.580e+04
		1.741e+04	1.430e+05	3.76e-04	0.0	7.6	-5253.08	-394.31	1050.62	6.863e+04	1.510e+05	2.175e+04
						15.2	-5246.56	-433.37	1050.62	6.863e+04	1.590e+05	1.741e+04
151	7	-189.11	3.796e+05	5.69e-03	-206.75	0.0	-9605.58	-576.49	2723.18	1.386e+05	2.968e+05	-189.11
		-2.925e+04	2.968e+05	2.16e-03	0.0	15.2	-9588.35	-679.74	2723.18	1.386e+05	3.382e+05	-1.393e+04
						30.4	-9571.08	-783.24	2723.18	1.386e+05	3.796e+05	-2.925e+04
151	23	8476.22	2.124e+05	5.66e-03	-156.57	0.0	-5248.22	-580.28	1622.08	8.644e+04	1.631e+05	8476.22
		-1.701e+04	1.631e+05	1.16e-03	0.0	15.2	-5235.17	-658.49	1622.08	8.644e+04	1.877e+05	-3672.09
						30.4	-5222.09	-736.85	1622.08	8.644e+04	2.124e+05	-1.701e+04
151	31	1054.55	2.766e+05	4.48e-03	-158.52	0.0	-6987.66	-455.46	1995.36	1.018e+05	2.160e+05	1054.55
		-2.139e+04	2.160e+05	1.57e-03	0.0	15.2	-6974.45	-534.63	1995.36	1.018e+05	2.463e+05	-9564.25
						30.4	-6961.21	-613.98	1995.36	1.018e+05	2.766e+05	-2.139e+04
151	35	6680.76	2.251e+05	5.33e-03	-156.93	0.0	-5601.21	-545.46	1690.30	8.879e+04	1.737e+05	6680.76
		-1.784e+04	1.737e+05	1.25e-03	0.0	15.2	-5588.13	-623.85	1690.30	8.879e+04	1.994e+05	-4983.29
						30.4	-5575.02	-702.39	1690.30	8.879e+04	2.251e+05	-1.784e+04
151	37	4736.93	2.296e+05	4.81e-03	-156.93	0.0	-5756.44	-492.31	1690.31	8.682e+04	1.782e+05	4736.93
		-1.797e+04	1.782e+05	1.29e-03	0.0	15.2	-5743.36	-570.70	1690.31	8.682e+04	2.039e+05	-6020.76
						30.4	-5730.26	-649.24	1690.31	8.682e+04	2.296e+05	-1.797e+04
152	7	-7.741e+04	5.588e+05	1.67e-03	-104.29	0.0	-1.095e+04	-1297.73	4191.19	2.379e+05	4.951e+05	-7.741e+04
		-1.039e+05	4.951e+05	2.03e-03	0.0	7.6	-1.094e+04	-1349.84	4191.19	2.379e+05	5.270e+05	-9.047e+04
						15.2	-1.094e+04	-1402.02	4191.19	2.379e+05	5.588e+05	-1.039e+05
152	8	-7.896e+04	5.559e+05	1.85e-03	-104.29	0.0	-1.080e+04	-1345.02	4204.48	2.395e+05	4.920e+05	-7.896e+04
		-1.063e+05	4.920e+05	2.00e-03	0.0	7.6	-1.079e+04	-1397.13	4204.48	2.395e+05	5.240e+05	-9.242e+04
						15.2	-1.078e+04	-1449.31	4204.48	2.395e+05	5.559e+05	-1.063e+05
152	9	-5.256e+04	3.269e+05	1.68e-03	-78.80	0.0	-6182.32	-1003.08	2523.65	1.427e+05	2.885e+05	-5.256e+04
		-7.206e+04	2.885e+05	1.16e-03	0.0	7.6	-6175.74	-1042.47	2523.65	1.427e+05	3.077e+05	-6.216e+04
						15.2	-6169.17	-1081.88	2523.65	1.427e+05	3.269e+05	-7.206e+04
152	23	-5.567e+04	3.211e+05	2.05e-03	-78.80	0.0	-5876.05	-1097.67	2550.23	1.460e+05	3.017e+05	-5.567e+04
		-7.676e+04	2.823e+05	1.11e-03	0.0	7.6	-5869.48	-1137.05	2550.23	1.460e+05	3.211e+05	-7.676e+04
						15.2	-5862.90	-1176.47	2550.23	1.460e+05	3.018e+05	-5.567e+04
152	25	-5.357e+04	3.417e+05	1.63e-03	-79.01	0.0	-6506.00	-1002.38	2624.72	1.485e+05	3.018e+05	-5.357e+04
		-7.320e+04	3.018e+05	1.22e-03	0.0	7.6	-6499.41	-1041.87	2624.72	1.485e+05	3.218e+05	-6.323e+04
						15.2	-6492.82	-1081.39	2624.72	1.485e+05	3.417e+05	-7.320e+04
152	31	-5.807e+04	4.082e+05	1.37e-03	-79.92	0.0	-7953.29	-999.27	3076.71	1.745e+05	3.614e+05	-5.807e+04
		-7.828e+04	3.614e+05	1.48e-03	0.0	7.6	-7946.62	-1039.21	3076.71	1.745e+05	3.848e+05	-6.803e+04
						15.2	-7939.95	-1079.19	3076.71	1.745e+05	4.082e+05	-7.828e+04
152	32	-5.911e+04	4.063e+05	1.49e-03	-79.92	0.0	-7851.20	-1030.80	3085.57	1.756e+05	3.594e+05	-5.911e+04
		-7.985e+04	3.594e+05	1.46e-03	0.0	7.6	-7844.53	-1070.74	3085.57	1.756e+05	3.828e+05	-6.933e+04
						15.2	-7837.86	-1110.72	3085.57	1.756e+05	4.063e+05	-7.985e+04
152	35	-5.564e+04	3.379e+05	1.87e-03	-79.01	0.0	-6301.82	-1065.44	2642.44	1.507e+05	2.977e+05	-5.564e+04
		-7.633e+04	2.977e+05	1.19e-03	0.0	7.6	-6295.23	-1104.93	2642.44	1.507e+05	3.178e+05	-6.584e+04
						15.2	-6288.64	-1144.45	2642.44	1.507e+05	3.379e+05	-7.633e+04
152	37	-5.357e+04	3.417e+05	1.63e-03	-79.01	0.0	-6506.00	-1002.38	2624.72	1.485e+05	3.018e+05	-5.357e+04
		-7.320e+04	3.018e+05	1.22e-03	0.0	7.6	-6499.41	-1041.87	2624.72	1.485e+05	3.218e+05	-6.323e+04
						15.2	-6492.82	-1081.39	2624.72	1.485e+05	3.417e+05	-7.320e+04
153	7	-1.478e+05	6.177e+05	-1.46e-03	-209.88	0.0	-1.016e+04	-3431.99	-1823.57	4.071e+05	6.177e+05	-1.478e+05
		-2.736e+05	5.624e+05	7.03e-03	0.0	15.2	-1.014e+04	-3536.80	-1823.57	4.071e+05	5.900e+05	-2.099e+05

153	8	-1.510e+05	6.149e+05	-1.21e-03	-209.88	30.4	-1.012e+04	-3641.87	-1823.57	4.071e+05	5.624e+05	-2.736e+05
		-2.786e+05	5.598e+05	6.97e-03	0.0	0.0	-9994.07	-3485.89	-1819.81	4.090e+05	6.149e+05	-1.510e+05
						15.2	-9976.58	-3590.70	-1819.81	4.090e+05	5.874e+05	-2.140e+05
153	9	-1.023e+05	3.622e+05	5.37e-04	-158.34	30.4	-9959.05	-3695.77	-1819.81	4.090e+05	5.598e+05	-2.786e+05
		-1.874e+05	3.295e+05	4.07e-03	0.0	0.0	-5675.93	-2345.32	-1079.34	2.444e+05	3.622e+05	-1.023e+05
						15.2	-5662.74	-2424.42	-1079.34	2.444e+05	3.458e+05	-1.443e+05
153	23	-1.088e+05	3.567e+05	8.65e-04	-158.34	30.4	-5649.51	-2503.66	-1079.34	2.444e+05	3.295e+05	-1.874e+05
		-1.976e+05	3.243e+05	3.96e-03	0.0	0.0	-5350.27	-2453.12	-1071.81	2.480e+05	3.567e+05	-1.088e+05
						15.2	-5337.07	-2532.21	-1071.81	2.480e+05	3.405e+05	-1.526e+05
153	25	-1.040e+05	3.785e+05	4.63e-04	-158.79	30.4	-5323.85	-2611.46	-1071.81	2.480e+05	3.243e+05	-1.976e+05
		-1.908e+05	3.444e+05	4.27e-03	0.0	0.0	-5984.39	-2387.84	-1126.01	2.543e+05	3.785e+05	-1.040e+05
						15.2	-5971.15	-2467.15	-1126.01	2.543e+05	3.614e+05	-1.468e+05
153	31	-1.113e+05	4.514e+05	-8.85e-04	-160.79	30.4	-5957.89	-2546.62	-1126.01	2.543e+05	3.444e+05	-1.908e+05
		-2.056e+05	4.109e+05	5.13e-03	0.0	0.0	-7363.55	-2578.03	-1334.74	2.987e+05	4.514e+05	-1.113e+05
						15.2	-7350.15	-2658.33	-1334.74	2.987e+05	4.312e+05	-1.578e+05
153	32	-1.135e+05	4.496e+05	-7.16e-04	-160.79	30.4	-7336.72	-2738.82	-1334.74	2.987e+05	4.109e+05	-1.468e+05
		-2.090e+05	4.092e+05	5.09e-03	0.0	0.0	-7255.00	-2613.96	-1332.23	2.999e+05	4.496e+05	-1.135e+05
						15.2	-7241.60	-2694.26	-1332.23	2.999e+05	4.294e+05	-1.606e+05
153	35	-1.083e+05	3.749e+05	6.63e-04	-158.79	30.4	-7228.16	-2774.75	-1332.23	2.999e+05	4.092e+05	-2.090e+05
		-1.975e+05	3.409e+05	4.19e-03	0.0	0.0	-5767.28	-2459.70	-1120.99	2.567e+05	3.749e+05	-1.083e+05
						15.2	-5754.05	-2539.02	-1120.99	2.567e+05	3.579e+05	-1.523e+05
153	37	-1.040e+05	3.785e+05	4.63e-04	-158.79	30.4	-5740.78	-2618.49	-1120.99	2.567e+05	3.409e+05	-1.975e+05
		-1.908e+05	3.444e+05	4.27e-03	0.0	0.0	-5984.39	-2387.84	-1126.01	2.543e+05	3.785e+05	-1.040e+05
						15.2	-5971.15	-2467.15	-1126.01	2.543e+05	3.614e+05	-1.468e+05
154	8	-1.911e+04	6.361e+04	-0.02	-483.18	30.4	-5957.89	-2546.62	-1126.01	2.543e+05	3.444e+05	-1.908e+05
		-9.899e+04	3.609e+04	5.90e-04	0.0	0.0	-1328.23	3483.32	-1118.44	198.90	6.361e+04	-9.899e+04
						12.3	-1338.05	3241.94	-1118.44	198.90	4.985e+04	-5.757e+04
154	9	-1.152e+04	4.332e+04	-0.01	-304.97	24.6	-1347.89	3000.14	-1118.44	198.90	3.609e+04	-1.911e+04
		-6.339e+04	2.546e+04	3.68e-04	0.0	0.0	-1011.85	2252.86	-725.63	-1276.44	4.332e+04	-6.339e+04
						12.3	-1018.05	2100.50	-725.63	-1276.44	3.439e+04	-3.652e+04
154	15	-1.468e+04	4.638e+04	-0.02	-369.66	24.6	-1024.26	1947.89	-725.63	-1276.44	2.546e+04	-1.152e+04
		-7.452e+04	2.576e+04	4.50e-04	0.0	0.0	-894.97	2618.30	-838.38	1876.06	4.638e+04	-7.452e+04
						12.3	-902.48	2433.63	-838.38	1876.06	3.670e+04	-4.347e+04
154	21	-1.585e+04	6.376e+04	-0.02	-418.50	24.6	-910.01	2248.64	-838.38	1876.06	2.576e+04	-1.468e+04
		-8.952e+04	3.839e+04	5.09e-04	0.0	0.0	-1615.15	3182.58	-1029.70	-5309.46	6.376e+04	-8.952e+04
						12.3	-1623.66	2973.50	-1029.70	-5309.46	5.107e+04	-5.140e+04
154	22	-1.725e+04	6.513e+04	-0.02	-447.25	24.6	-1632.18	2764.08	-1029.70	-5309.46	3.839e+04	-1.585e+04
		-9.446e+04	3.853e+04	5.46e-04	0.0	0.0	-1564.02	3345.07	-1079.90	-3887.90	6.513e+04	-9.446e+04
						12.3	-1573.11	3121.64	-1079.90	-3887.90	5.183e+04	-5.448e+04
154	23	-1.131e+04	4.973e+04	-0.01	-304.97	24.6	-1582.22	2897.82	-1079.90	-3887.90	3.853e+04	-1.725e+04
		-6.670e+04	3.066e+04	3.71e-04	0.0	0.0	-1351.93	2382.25	-773.65	-5988.17	4.973e+04	-6.670e+04
						12.3	-1358.13	2229.89	-773.65	-5988.17	4.019e+04	-3.807e+04
154	25	-1.199e+04	4.377e+04	-0.01	-314.55	24.6	-1364.33	2077.28	-773.65	-5988.17	3.066e+04	-1.131e+04
		-6.504e+04	2.550e+04	3.80e-04	0.0	0.0	-994.32	2306.98	-742.31	-814.86	4.377e+04	-6.504e+04
						12.3	-1000.71	2149.83	-742.31	-814.86	3.463e+04	-3.755e+04
154	31	-1.410e+04	4.581e+04	-0.02	-357.68	24.6	-1007.12	1992.43	-742.31	-814.86	2.550e+04	-1.199e+04
		-7.246e+04	2.570e+04	4.35e-04	0.0	0.0	-916.40	2550.60	-817.47	1286.81	4.581e+04	-7.246e+04
						12.3	-923.66	2371.92	-817.47	1286.81	3.575e+04	-4.218e+04
154	32	-1.403e+04	4.794e+04	-0.02	-357.68	24.6	-930.95	2192.93	-817.47	1286.81	2.570e+04	-1.410e+04
		-7.357e+04	2.743e+04	4.36e-04	0.0	0.0	-1029.75	2593.73	-833.48	-283.77	4.794e+04	-7.357e+04
						12.3	-1037.02	2415.05	-833.48	-283.77	3.769e+04	-4.270e+04
154	35	-1.185e+04	4.804e+04	-0.01	-314.55	24.6	-1044.30	2236.06	-833.48	-283.77	2.743e+04	-1.403e+04
		-6.725e+04	2.896e+04	3.82e-04	0.0	0.0	-1221.04	2393.24	-774.32	-3956.01	4.804e+04	-6.725e+04
						12.3	-1227.43	2236.09	-774.32	-3956.01	3.850e+04	-3.858e+04
154	36	-1.278e+04	4.896e+04	-0.02	-333.72	24.6	-1233.83	2078.69	-774.32	-3956.01	2.896e+04	-1.185e+04
		-7.054e+04	2.906e+04	4.07e-04	0.0	0.0	-1186.95	2501.57	-807.79	-3008.30	4.896e+04	-7.054e+04
						12.3	-1193.73	2334.85	-807.79	-3008.30	3.901e+04	-4.064e+04
154	37	-1.199e+04	4.377e+04	-0.01	-314.55	24.6	-1200.52	2167.85	-807.79	-3008.30	2.977e+04	-1.199e+04
		-6.504e+04	2.550e+04	3.80e-04	0.0	0.0	-994.32	2306.98	-742.31	-814.86	4.377e+04	-6.504e+04
						12.3	-1000.71	2149.83	-742.31	-814.86	3.463e+04	-3.755e+04
155	7	1.032e+05	4881.64	-0.02	-486.58	24.6	-1007.12	1992.43	-742.31	-814.86	2.550e+04	-1.199e+04
		4.689e+04	-2.281e+04	6.64e-04	0.0	0.0	-1625.67	2545.70	-1126.57	1.556e+04	4881.64	4.689e+04
						12.3	-1635.56	2302.62	-1126.57	1.556e+04	-8965.32	7.655e+04
155	8	1.062e+05	6753.64	-0.02	-486.58	24.6	-1645.47	2059.12	-1126.57	1.556e+04	-2.281e+04	1.032e+05
		4.863e+04	-2.169e+04	6.75e-04	0.0	0.0	-1788.45	2591.82	-1156.68	1.393e+04	6753.64	4.863e+04
						12.3	-1798.34	2348.74	-1156.68	1.393e+04	-7467.83	7.891e+04
155	9	6.991e+04	6348.06	-0.01	-306.88	24.6	-1808.25	2105.24	-1156.68	1.393e+04	-2.169e+04	1.062e+05
		3.255e+04	-1.222e+04	4.31e-04	0.0	0.0	-1298.80	1673.81	-754.68	7854.12	6348.06	3.255e+04
						12.3	-1305.04	1520.48	-754.68	7854.12	-2933.63	5.217e+04
155	15	7.911e+04	3838.52	-0.02	-372.24	24.6	-1311.29	1366.93	-754.68	7854.12	-1.222e+04	6.991e+04
		3.597e+04	-1.738e+04	5.09e-04	0.0	0.0	-1252.33	1949.61	-863.22	1.185e+04	3838.52	3.597e+04
						12.3	-1259.90	1763.65	-863.22	1.185e+04	-6771.69	5.868e+04
155	21	1.000e+05	1.114e+04	-0.02	-421.21	24.6	-1267.47	1577.36	-863.22	1.185e+04	-1.738e+04	7.911e+04
		4.695e+04	-1.540e+04	6.08e-04	0.0	0.0	-1997.70	2362.14	-1078.25	8314.29	1.114e+04	4.695e+04
						12.3	-2006.26	2151.70	-1078.25	8314.29	-2132.28	7.477e+04
155	25	7.127e+04	5973.58	-0.01	-316.56	24.6	-2014.83	1940.92	-1078.25	8314.29	-1.540e+04	1.000e+05
						0.0	-1291.72	1714.65	-770.74	8441.65	5973.58	3.306e+04

		3.306e+04	-1.298e+04	4.43e-04	0.0	12.3	-1298.15	1556.50	-770.74	8441.65	-3504.74	5.314e+04
						24.6	-1304.59	1398.09	-770.74	8441.65	-1.298e+04	7.127e+04
155	31	7.740e+04	4300.55	-0.01	-360.14	0.0	-1260.74	1898.52	-843.10	1.110e+04	4300.55	3.533e+04
		3.533e+04	-1.643e+04	4.94e-04	0.0	12.3	-1268.05	1718.60	-843.10	1.110e+04	-6063.44	5.747e+04
						24.6	-1275.39	1538.38	-843.10	1.110e+04	-1.643e+04	7.740e+04
155	32	7.940e+04	5548.56	-0.02	-360.14	0.0	-1369.25	1929.27	-863.18	1.002e+04	5548.56	3.649e+04
		3.649e+04	-1.568e+04	5.01e-04	0.0	12.3	-1376.57	1749.35	-863.18	1.002e+04	-5065.11	5.905e+04
						24.6	-1383.90	1569.13	-863.18	1.002e+04	-1.568e+04	7.940e+04
155	35	7.526e+04	8469.59	-0.01	-316.56	0.0	-1508.75	1776.15	-810.89	6276.73	8469.59	3.537e+04
		3.537e+04	-1.149e+04	4.57e-04	0.0	12.3	-1515.19	1617.99	-810.89	6276.73	-1508.08	5.629e+04
						24.6	-1521.63	1459.59	-810.89	6276.73	-1.149e+04	7.526e+04
155	37	7.127e+04	5973.58	-0.01	-316.56	0.0	-1291.72	1714.65	-770.74	8441.65	5973.58	3.306e+04
		3.306e+04	-1.298e+04	4.43e-04	0.0	12.3	-1298.15	1556.50	-770.74	8441.65	-3504.74	5.314e+04
						24.6	-1304.59	1398.09	-770.74	8441.65	-1.298e+04	7.127e+04
156	8	1.925e+05	-4.741e+04	-0.02	-489.98	0.0	-2179.15	1820.77	-891.44	1.347e+04	-4.741e+04	1.539e+05
		1.539e+05	-6.933e+04	5.15e-04	0.0	12.3	-2189.11	1576.00	-891.44	1.347e+04	-5.837e+04	1.747e+05
						24.6	-2199.08	1330.79	-891.44	1.347e+04	-6.933e+04	1.925e+05
156	9	1.259e+05	-2.904e+04	-9.86e-03	-308.80	0.0	-1536.83	1173.01	-583.74	8004.54	-2.904e+04	1.009e+05
		1.009e+05	-4.340e+04	3.34e-04	0.0	12.3	-1543.11	1018.73	-583.74	8004.54	-3.622e+04	1.143e+05
						24.6	-1549.40	864.21	-583.74	8004.54	-4.340e+04	1.259e+05
156	22	1.875e+05	-4.284e+04	-0.01	-453.29	0.0	-2319.53	1740.47	-873.00	1.073e+04	-4.284e+04	1.503e+05
		1.503e+05	-6.431e+04	5.00e-04	0.0	12.3	-2328.74	1514.01	-873.00	1.073e+04	-5.358e+04	1.703e+05
						24.6	-2337.97	1287.17	-873.00	1.073e+04	-6.431e+04	1.875e+05
156	23	1.358e+05	-2.824e+04	-0.01	-308.80	0.0	-1840.85	1232.77	-635.30	5907.54	-2.824e+04	1.092e+05
		1.092e+05	-4.387e+04	3.60e-04	0.0	12.3	-1847.13	1078.49	-635.30	5907.54	-3.606e+04	1.234e+05
						24.6	-1853.41	923.97	-635.30	5907.54	-4.387e+04	1.358e+05
156	25	1.285e+05	-3.015e+04	-0.01	-318.58	0.0	-1539.94	1202.39	-595.54	8456.51	-3.015e+04	1.030e+05
		1.030e+05	-4.480e+04	3.42e-04	0.0	12.3	-1546.41	1043.23	-595.54	8456.51	-3.748e+04	1.167e+05
						24.6	-1552.89	883.81	-595.54	8456.51	-4.480e+04	1.285e+05
156	32	1.437e+05	-3.489e+04	-0.01	-362.61	0.0	-1656.03	1354.58	-665.84	9807.84	-3.489e+04	1.150e+05
		1.150e+05	-5.126e+04	3.84e-04	0.0	12.3	-1663.39	1173.43	-665.84	9807.84	-4.307e+04	1.305e+05
						24.6	-1670.78	991.97	-665.84	9807.84	-5.126e+04	1.437e+05
156	35	1.351e+05	-2.962e+04	-0.01	-318.58	0.0	-1742.61	1242.23	-629.91	7058.52	-2.962e+04	1.085e+05
		1.085e+05	-4.512e+04	3.59e-04	0.0	12.3	-1749.09	1083.07	-629.91	7058.52	-3.737e+04	1.228e+05
						24.6	-1755.57	923.65	-629.91	7058.52	-4.512e+04	1.351e+05
156	36	1.404e+05	-3.184e+04	-0.01	-338.15	0.0	-1749.61	1301.04	-653.54	7978.90	-3.184e+04	1.126e+05
		1.126e+05	-4.791e+04	3.74e-04	0.0	12.3	-1756.48	1132.10	-653.54	7978.90	-3.987e+04	1.275e+05
						24.6	-1763.37	962.89	-653.54	7978.90	-4.791e+04	1.404e+05
156	37	1.285e+05	-3.015e+04	-0.01	-318.58	0.0	-1539.94	1202.39	-595.54	8456.51	-3.015e+04	1.030e+05
		1.030e+05	-4.480e+04	3.42e-04	0.0	12.3	-1546.41	1043.23	-595.54	8456.51	-3.748e+04	1.167e+05
						24.6	-1552.89	883.81	-595.54	8456.51	-4.480e+04	1.285e+05
157	8	2.413e+05	-8.674e+04	-7.14e-03	-493.39	0.0	-2397.10	1054.71	-509.00	7796.58	-8.674e+04	2.215e+05
		2.215e+05	-9.925e+04	1.78e-04	0.0	12.3	-2407.12	808.22	-509.00	7796.58	-9.299e+04	2.329e+05
						24.6	-2417.17	561.32	-509.00	7796.58	-9.925e+04	2.413e+05
157	9	1.574e+05	-5.482e+04	-4.62e-03	-310.72	0.0	-1661.36	676.30	-335.47	4865.47	-5.482e+04	1.447e+05
		1.447e+05	-6.307e+04	1.22e-04	0.0	12.3	-1667.68	521.06	-335.47	4865.47	-5.895e+04	1.520e+05
						24.6	-1674.00	365.58	-335.47	4865.47	-6.307e+04	1.574e+05
157	22	2.346e+05	-8.143e+04	-6.89e-03	-456.32	0.0	-2494.21	1002.00	-502.95	6454.92	-8.143e+04	2.156e+05
		2.156e+05	-9.380e+04	1.84e-04	0.0	12.3	-2503.48	774.03	-502.95	6454.92	-8.761e+04	2.265e+05
						24.6	-2512.77	545.68	-502.95	6454.92	-9.380e+04	2.346e+05
157	25	1.608e+05	-5.645e+04	-4.73e-03	-320.60	0.0	-1672.24	694.12	-341.64	5083.42	-5.645e+04	1.477e+05
		1.477e+05	-6.485e+04	1.23e-04	0.0	12.3	-1678.75	533.95	-341.64	5083.42	-6.065e+04	1.553e+05
						24.6	-1685.28	373.52	-341.64	5083.42	-6.485e+04	1.608e+05
157	32	1.800e+05	-6.427e+04	-5.32e-03	-365.08	0.0	-1813.78	783.80	-380.78	5730.20	-6.427e+04	1.653e+05
		1.653e+05	-7.363e+04	1.35e-04	0.0	12.3	-1821.20	601.42	-380.78	5730.20	-6.895e+04	1.738e+05
						24.6	-1828.63	418.72	-380.78	5730.20	-7.363e+04	1.800e+05
157	36	1.756e+05	-6.073e+04	-5.15e-03	-340.37	0.0	-1878.52	748.67	-376.74	4835.76	-6.073e+04	1.614e+05
		1.614e+05	-7.000e+04	1.38e-04	0.0	12.3	-1885.44	578.62	-376.74	4835.76	-6.536e+04	1.695e+05
						24.6	-1892.37	408.29	-376.74	4835.76	-7.000e+04	1.756e+05
157	37	1.608e+05	-5.645e+04	-4.73e-03	-320.60	0.0	-1672.24	694.12	-341.64	5083.42	-5.645e+04	1.477e+05
		1.477e+05	-6.485e+04	1.23e-04	0.0	12.3	-1678.75	533.95	-341.64	5083.42	-6.065e+04	1.553e+05
						24.6	-1685.28	373.52	-341.64	5083.42	-6.485e+04	1.608e+05
158	8	2.535e+05	-1.066e+05	2.40e-03	-496.81	0.0	-2394.89	282.88	-84.51	688.54	-1.066e+05	2.515e+05
		2.515e+05	-1.087e+05	-2.56e-04	0.0	12.3	-2404.99	34.69	-84.51	688.54	-1.077e+05	2.535e+05
						24.6	-2415.10	-213.93	-84.51	688.54	-1.087e+05	2.524e+05
158	9	1.653e+05	-6.798e+04	1.60e-03	-312.64	0.0	-1642.01	176.66	-59.53	853.58	-6.798e+04	1.640e+05
		1.640e+05	-6.944e+04	-1.56e-04	0.0	12.3	-1648.36	20.46	-59.53	853.58	-6.871e+04	1.652e+05
						24.6	-1654.73	-135.98	-59.53	853.58	-6.944e+04	1.645e+05
158	22	2.462e+05	-1.012e+05	2.38e-03	-459.36	0.0	-2456.61	259.02	-91.20	883.04	-1.012e+05	2.444e+05
		2.444e+05	-1.034e+05	-2.29e-04	0.0	12.3	-2465.94	29.53	-91.20	883.04	-1.023e+05	2.462e+05
						24.6	-2475.29	-200.34	-91.20	883.04	-1.034e+05	2.452e+05
158	25	1.688e+05	-6.983e+04	1.63e-03	-322.62	0.0	-1657.46	182.68	-59.56	803.70	-6.983e+04	1.676e+05
		1.676e+05	-7.129e+04	-1.62e-04	0.0	12.3	-1664.01	21.49	-59.56	803.70	-7.056e+04	1.688e+05
						24.6	-1670.58	-139.95	-59.56	803.70	-7.129e+04	1.681e+05
158	32	1.891e+05	-7.916e+04	1.80e-03	-367.56	0.0	-1807.29	208.93	-64.26	599.44	-7.916e+04	1.877e+05
		1.877e+05	-8.074e+04	-1.88e-04	0.0	12.3	-1814.76	25.30	-64.26	599.44	-7.995e+04	1.891e+05
						24.6	-1822.24	-158.63	-64.26	599.44	-8.074e+04	1.883e+05

158	36	1.843e+05-7.553e+04 1.829e+05-7.722e+04	1.78e-03 -1.70e-04	-342.60 0.0	0.0 12.3 24.6	-1848.43 -1855.40 -1862.37	193.03 21.86 -149.57	-68.72 -68.72 -68.72	729.11-7.553e+04 729.11-7.638e+04 729.11-7.722e+04	1.829e+05 1.843e+05 1.835e+05	
158	37	1.688e+05-6.983e+04 1.676e+05-7.129e+04	1.63e-03 -1.62e-04	-322.62 0.0	0.0 12.3 24.6	-1657.46 -1664.01 -1670.58	182.68 21.49 -139.95	-59.56 -59.56 -59.56	803.70-6.983e+04 803.70-7.056e+04 803.70-7.129e+04	1.676e+05 1.688e+05 1.681e+05	
159	8	2.439e+05-9.669e+04 2.259e+05-1.054e+05	0.01 -7.08e-04	-500.05 0.0	0.0 12.3 24.6	-2161.36 -2171.53 -2181.70	-487.37 -737.28 -987.43	354.52 354.52 354.52	-5364.09-1.054e+05 -5364.09-1.010e+05 -5364.09-9.669e+04	2.439e+05 2.365e+05 2.259e+05	
159	9	1.589e+05-6.183e+04 1.472e+05-6.740e+04	7.86e-03 -4.45e-04	-314.47 0.0	0.0 12.3 24.6	-1471.65 -1478.05 -1484.45	-321.08 -478.24 -635.54	226.47 226.47 226.47	-2415.05-6.740e+04 -2415.05-6.462e+04 -2415.05-6.183e+04	1.589e+05 1.540e+05 1.472e+05	
159	22	2.368e+05-9.218e+04 2.193e+05-1.004e+05	0.01 -6.60e-04	-462.25 0.0	0.0 12.3 24.6	-2196.00 -2205.39 -2214.80	-481.20 -712.21 -943.45	335.72 335.72 335.72	-3572.92-1.004e+05 -3572.92-9.631e+04 -3572.92-9.218e+04	2.368e+05 2.295e+05 2.193e+05	
159	25	1.624e+05-6.346e+04 1.504e+05-6.918e+04	8.02e-03 -4.59e-04	-324.55 0.0	0.0 12.3 24.6	-1488.29 -1494.89 -1501.49	-327.03 -489.23 -651.58	232.64 232.64 232.64	-2730.59-6.918e+04 -2730.59-6.632e+04 -2730.59-6.346e+04	1.624e+05 1.574e+05 1.504e+05	
159	32	1.820e+05-7.184e+04 1.685e+05-7.831e+04	8.97e-03 -5.24e-04	-369.92 0.0	0.0 12.3 24.6	-1628.26 -1635.78 -1643.30	-364.55 -549.42 -734.47	263.26 263.26 263.26	-3729.78-7.831e+04 -3729.78-7.507e+04 -3729.78-7.184e+04	1.820e+05 1.764e+05 1.685e+05	
159	36	1.772e+05-6.883e+04 1.641e+05-7.500e+04	8.77e-03 -4.92e-04	-344.72 0.0	0.0 12.3 24.6	-1651.35 -1658.35 -1665.37	-360.44 -532.71 -705.15	250.72 250.72 250.72	-2535.67-7.500e+04 -2535.67-7.191e+04 -2535.67-6.883e+04	1.772e+05 1.717e+05 1.641e+05	
159	37	1.624e+05-6.346e+04 1.504e+05-6.918e+04	8.02e-03 -4.59e-04	-324.55 0.0	0.0 12.3 24.6	-1488.29 -1494.89 -1501.49	-327.03 -489.23 -651.58	232.64 232.64 232.64	-2730.59-6.918e+04 -2730.59-6.632e+04 -2730.59-6.346e+04	1.624e+05 1.574e+05 1.504e+05	
160	8	1.987e+05-6.403e+04 1.617e+05-8.273e+04	0.02 -1.09e-03	-496.97 0.0	0.0 12.3 24.6	-1724.52 -1734.63 -1744.73	-1265.47 -1514.20 -1762.44	760.43 760.43 760.43	-6470.72-8.273e+04 -6470.72-7.338e+04 -6470.72-6.403e+04	1.987e+05 1.817e+05 1.617e+05	
160	9	1.294e+05-4.072e+04 1.053e+05-5.282e+04	0.01 -6.91e-04	-312.73 0.0	0.0 12.3 24.6	-1169.09 -1175.46 -1181.82	-822.94 -979.44 -1135.67	491.97 491.97 491.97	-2375.46-5.282e+04 -2375.46-4.677e+04 -2375.46-4.072e+04	1.294e+05 1.183e+05 1.053e+05	
160	22	1.928e+05-6.078e+04 1.570e+05-7.879e+04	0.02 -1.03e-03	-459.51 0.0	0.0 12.3 24.6	-1740.29 -1749.64 -1758.98	-1227.38 -1457.35 -1686.89	732.27 732.27 732.27	-3074.44-7.879e+04 -3074.44-6.978e+04 -3074.44-6.078e+04	1.928e+05 1.763e+05 1.570e+05	
160	25	1.322e+05-4.184e+04 1.076e+05-5.423e+04	0.01 -7.11e-04	-322.72 0.0	0.0 12.3 24.6	-1183.82 -1190.39 -1196.95	-841.20 -1002.71 -1163.92	503.61 503.61 503.61	-2907.00-5.423e+04 -2907.00-4.804e+04 -2907.00-4.184e+04	1.322e+05 1.209e+05 1.076e+05	
160	32	1.482e+05-4.752e+04 1.206e+05-6.144e+04	0.02 -8.09e-04	-367.68 0.0	0.0 12.3 24.6	-1297.70 -1305.19 -1312.66	-943.63 -1127.65 -1311.31	566.34 566.34 566.34	-4347.05-6.144e+04 -4347.05-5.448e+04 -4347.05-4.752e+04	1.482e+05 1.355e+05 1.206e+05	
160	36	1.443e+05-4.535e+04 1.175e+05-5.882e+04	0.01 -7.65e-04	-342.71 0.0	0.0 12.3 24.6	-1308.22 -1315.20 -1322.16	-918.24 -1089.75 -1260.95	547.56 547.56 547.56	-2082.87-5.882e+04 -2082.87-5.208e+04 -2082.87-4.535e+04	1.443e+05 1.319e+05 1.175e+05	
160	37	1.322e+05-4.184e+04 1.076e+05-5.423e+04	0.01 -7.11e-04	-322.72 0.0	0.0 12.3 24.6	-1183.82 -1190.39 -1196.95	-841.20 -1002.71 -1163.92	503.61 503.61 503.61	-2907.00-5.423e+04 -2907.00-4.804e+04 -2907.00-4.184e+04	1.322e+05 1.209e+05 1.076e+05	
161	8	1.143e+05-2.001e+04 5.308e+04-4.209e+04	0.03 -1.31e-03	-493.01 0.0	0.0 12.3 24.6	-1162.24 -1172.28 -1182.30	-2235.48 -2482.24 -2728.50	896.92 896.92 896.92	7529.38-4.209e+04 7529.38-3.105e+04 7529.38-2.001e+04	1.143e+05 1.143e+05 5.308e+04	
161	9	7.442e+04-1.221e+04 3.470e+04-2.648e+04	0.02 -8.27e-04	-310.50 0.0	0.0 12.3 24.6	-786.46 -792.78 -799.09	-1449.72 -1605.11 -1760.22	579.45 579.45 579.45	7693.08-2.648e+04 7693.08-1.935e+04 7693.08-1.221e+04	7.442e+04 5.551e+04 3.470e+04	
161	22	1.110e+05-1.828e+04 5.185e+04-3.956e+04	0.02 -1.23e-03	-455.99 0.0	0.0 12.3 24.6	-1167.15 -1176.44 -1185.70	-2158.80 -2387.02 -2614.79	863.76 863.76 863.76	1.244e+04-3.956e+04 1.244e+04-2.892e+04 1.244e+04-1.828e+04	1.110e+05 8.281e+04 5.185e+04	
161	23	8.002e+04-1.220e+04 3.763e+04-2.740e+04	0.02 -8.54e-04	-310.50 0.0	0.0 12.3 24.6	-875.18 -881.50 -887.81	-1546.87 -1702.26 -1857.37	616.72 616.72 616.72	1.317e+04-2.740e+04 1.317e+04-1.980e+04 1.317e+04-1.220e+04	8.002e+04 5.978e+04 3.763e+04	
161	25	7.604e+04-1.267e+04 3.542e+04-2.728e+04	0.02 -8.51e-04	-320.38 0.0	0.0 12.3 24.6	-796.98 -803.50 -810.01	-1483.12 -1643.45 -1803.50	593.26 593.26 593.26	7114.27-2.728e+04 7114.27-1.998e+04 7114.27-1.267e+04	7.604e+04 5.672e+04 3.542e+04	
161	32	8.524e+04-1.472e+04 3.963e+04-3.116e+04	0.02 -9.68e-04	-364.81 0.0	0.0 12.3 24.6	-874.08 -881.51 -888.92	-1665.80 -1848.39 -2030.62	667.84 667.84 667.84	6354.03-3.116e+04 6354.03-2.294e+04 6354.03-1.472e+04	8.524e+04 6.355e+04 3.963e+04	
161	35	7.978e+04-1.266e+04 3.737e+04-2.789e+04	0.02 -8.69e-04	-320.38 0.0	0.0 12.3 24.6	-856.12 -862.65 -869.16	-1547.89 -1708.22 -1868.26	618.11 618.11 618.11	1.076e+04-2.789e+04 1.076e+04-2.028e+04 1.076e+04-1.266e+04	7.978e+04 5.956e+04 3.737e+04	
161	36	8.304e+04-1.357e+04 3.881e+04-2.948e+04	0.02 -9.17e-04	-340.13 0.0	0.0 12.3 24.6	-877.35 -884.28 -891.19	-1614.68 -1784.91 -1954.81	645.73 645.73 645.73	9626.09-2.948e+04 9626.09-2.153e+04 9626.09-1.357e+04	8.304e+04 6.197e+04 3.881e+04	
161	37	7.604e+04-1.267e+04 3.542e+04-2.728e+04	0.02 -8.51e-04	-320.38 0.0	0.0 12.3 24.6	-796.98 -803.50 -810.01	-1483.12 -1643.45 -1803.50	593.26 593.26 593.26	7114.27-2.728e+04 7114.27-1.998e+04 7114.27-1.267e+04	7.604e+04 5.672e+04 3.542e+04	
162	7	-3.148e+04 -1.524e+05	9185.74 -3836.64	0.03 -1.29e-03	-489.07 0.0	0.0 12.3	-550.76 -560.72	-4369.72 -4614.51	508.73 508.73	5.042e+04 5.042e+04	-3836.64-3.148e+04 2674.55-9.044e+04

162	8	-3.206e+04 -1.559e+05	9469.94 -3603.22	0.03 -1.30e-03	-489.07 0.0	24.6	-570.66	-4858.79	508.73	5.042e+04	9185.74	-1.524e+05
						0.0	-570.50	-4471.45	509.71	5.578e+04	-3603.22	-3.206e+04
						12.3	-580.45	-4716.23	509.71	5.578e+04	2933.36	-9.246e+04
162	9	-2.079e+04 -1.014e+05	6327.97 -1800.87	0.02 -8.22e-04	-308.28 0.0	24.6	-590.39	-4960.52	509.71	5.578e+04	9469.94	-1.559e+05
						0.0	-386.69	-2906.52	315.70	4.055e+04	-1800.87	-2.079e+04
						12.3	-392.97	-3060.80	315.70	4.055e+04	2263.55	-6.013e+04
162	25	-2.128e+04 -1.036e+05	6433.73 -1966.64	0.02 -8.47e-04	-318.04 0.0	24.6	-399.23	-3214.80	315.70	4.055e+04	6327.97	-1.014e+05
						0.0	-391.99	-2971.84	326.58	4.029e+04	-1966.64	-2.128e+04
						12.3	-398.47	-3131.00	326.58	4.029e+04	2233.55	-6.148e+04
162	31	-2.350e+04 -1.139e+05	6911.15 -2709.46	0.02 -9.59e-04	-361.95 0.0	24.6	-404.93	-3289.88	326.58	4.029e+04	6433.73	-1.036e+05
						0.0	-415.91	-3265.85	375.44	3.916e+04	-2709.46	-2.350e+04
						12.3	-423.28	-3447.00	375.44	3.916e+04	2100.85	-6.759e+04
162	32	-2.389e+04 -1.162e+05	7100.62 -2553.85	0.02 -9.66e-04	-361.95 0.0	24.6	-430.63	-3627.80	375.44	3.916e+04	6911.15	-1.139e+05
						0.0	-429.06	-3333.66	376.10	4.273e+04	-2553.85	-2.389e+04
						12.3	-436.43	-3514.82	376.10	4.273e+04	2273.38	-6.894e+04
162	37	-2.128e+04 -1.036e+05	6433.73 -1966.64	0.02 -8.47e-04	-318.04 0.0	24.6	-443.79	-3695.61	376.10	4.273e+04	7100.62	-1.162e+05
						0.0	-391.99	-2971.84	326.58	4.029e+04	-1966.64	-2.128e+04
						12.3	-398.47	-3131.00	326.58	4.029e+04	2233.55	-6.148e+04
163	8	8.301e+04 1.282e+04	-3.439e+04 -5.040e+04	-0.05 6.78e-04	-422.88 0.0	24.6	-404.93	-3289.88	326.58	4.029e+04	6433.73	-1.036e+05
						0.0	1314.57	3126.74	667.62	815.14	-5.040e+04	1.282e+04
						12.0	1314.57	2915.31	667.62	815.14	-4.239e+04	4.918e+04
163	9	5.351e+04 8612.51	-2.214e+04 -3.244e+04	-0.03 4.19e-04	-262.28 0.0	24.0	1314.57	2703.86	667.62	815.14	-3.439e+04	8.301e+04
						0.0	864.10	1984.06	429.60	-3289.50	-3.244e+04	8612.51
						12.0	864.10	1852.93	429.60	-3289.50	-2.729e+04	3.185e+04
163	25	5.478e+04 8726.38	-2.268e+04 -3.322e+04	-0.03 4.33e-04	-271.35 0.0	24.0	864.10	1721.79	429.60	-3289.50	-2.214e+04	5.351e+04
						0.0	880.53	2038.97	439.93	-2440.30	-3.322e+04	8726.38
						12.0	880.53	1903.30	439.93	-2440.30	-2.795e+04	3.256e+04
163	32	6.180e+04 9634.95	-2.560e+04 -3.751e+04	-0.04 5.01e-04	-312.05 0.0	24.0	880.53	1767.62	439.93	-2440.30	-2.268e+04	5.478e+04
						0.0	982.84	2319.75	496.85	-348.09	-3.751e+04	9634.95
						12.0	982.84	2163.73	496.85	-348.09	-3.155e+04	3.665e+04
163	37	5.478e+04 8726.38	-2.268e+04 -3.322e+04	-0.03 4.33e-04	-271.35 0.0	24.0	982.84	2007.70	496.85	-348.09	-2.560e+04	6.180e+04
						0.0	880.53	2038.97	439.93	-2440.30	-3.322e+04	8726.38
						12.0	880.53	1903.30	439.93	-2440.30	-2.795e+04	3.256e+04
164	8	1.904e+05 1.412e+05	-2.071e+04 -2.537e+04	-0.04 4.94e-04	-423.02 0.0	24.0	880.53	1767.62	439.93	-2440.30	-2.268e+04	5.478e+04
						0.0	1069.17	2281.50	194.34	1.370e+04	-2.537e+04	1.412e+05
						12.0	1069.17	2070.00	194.34	1.370e+04	-2.304e+04	1.670e+05
164	9	1.224e+05 9.097e+04	-1.333e+04 -1.633e+04	-0.03 3.00e-04	-262.36 0.0	24.0	1069.17	1858.48	194.34	1.370e+04	-2.071e+04	1.904e+05
						0.0	703.90	1445.26	125.37	5867.59	-1.633e+04	9.097e+04
						12.0	703.90	1314.09	125.37	5867.59	-1.483e+04	1.075e+05
164	25	1.254e+05 9.313e+04	-1.365e+04 -1.673e+04	-0.03 3.11e-04	-271.43 0.0	24.0	703.90	1182.90	125.37	5867.59	-1.333e+04	1.224e+05
						0.0	717.15	1485.82	128.29	6708.40	-1.673e+04	9.313e+04
						12.0	717.15	1350.11	128.29	6708.40	-1.519e+04	1.101e+05
164	32	1.417e+05 1.051e+05	-1.541e+04 -1.888e+04	-0.03 3.63e-04	-312.15 0.0	24.0	717.15	1214.38	128.29	6708.40	-1.365e+04	1.254e+05
						0.0	799.56	1692.07	144.72	9469.39	-1.888e+04	1.051e+05
						12.0	799.56	1536.00	144.72	9469.39	-1.715e+04	1.243e+05
164	37	1.254e+05 9.313e+04	-1.365e+04 -1.673e+04	-0.03 3.11e-04	-271.43 0.0	24.0	799.56	1379.92	144.72	9469.39	-1.541e+04	1.417e+05
						0.0	717.15	1485.82	128.29	6708.40	-1.673e+04	9.313e+04
						12.0	717.15	1350.11	128.29	6708.40	-1.519e+04	1.101e+05
165	8	2.644e+05 2.310e+05	-1.714e+04 -1.838e+04	-0.03 3.49e-04	-423.16 0.0	24.0	717.15	1214.38	128.29	6708.40	-1.365e+04	1.254e+05
						0.0	960.45	1619.28	51.88	1.277e+04	-1.838e+04	2.310e+05
						12.0	960.45	1407.71	51.88	1.277e+04	-1.776e+04	2.489e+05
165	9	1.699e+05 1.486e+05	-1.101e+04 -1.182e+04	-0.02 2.07e-04	-262.44 0.0	24.0	960.45	1196.12	51.88	1.277e+04	-1.714e+04	2.644e+05
						0.0	631.55	1022.77	33.86	5892.39	-1.182e+04	1.486e+05
						12.0	631.55	891.56	33.86	5892.39	-1.141e+04	1.601e+05
165	25	1.741e+05 1.522e+05	-1.128e+04 -1.211e+04	-0.02 2.16e-04	-271.52 0.0	24.0	631.55	760.33	33.86	5892.39	-1.101e+04	1.699e+05
						0.0	643.78	1052.17	34.53	6563.82	-1.211e+04	1.522e+05
						12.0	643.78	916.41	34.53	6563.82	-1.170e+04	1.640e+05
165	32	1.967e+05 1.719e+05	-1.275e+04 -1.367e+04	-0.02 2.56e-04	-312.26 0.0	24.0	643.78	780.65	34.53	6563.82	-1.128e+04	1.741e+05
						0.0	717.98	1200.21	38.74	8941.37	-1.367e+04	1.719e+05
						12.0	717.98	1044.09	38.74	8941.37	-1.321e+04	1.852e+05
165	37	1.741e+05 1.522e+05	-1.128e+04 -1.211e+04	-0.02 2.16e-04	-271.52 0.0	24.0	717.98	887.95	38.74	8941.37	-1.275e+04	1.967e+05
						0.0	643.78	1052.17	34.53	6563.82	-1.211e+04	1.522e+05
						12.0	643.78	916.41	34.53	6563.82	-1.170e+04	1.640e+05
166	8	3.079e+05 2.898e+05	-1.568e+04 -1.633e+04	-0.02 2.11e-04	-423.30 0.0	24.0	643.78	780.65	34.53	6563.82	-1.170e+04	1.640e+05
						0.0	853.77	974.14	27.42	6818.20	-1.633e+04	2.898e+05
						12.0	853.77	762.50	27.42	6818.20	-1.601e+04	3.001e+05
166	9	1.979e+05 1.863e+05	-1.004e+04 -1.048e+04	-0.01 1.18e-04	-262.52 0.0	24.0	853.77	550.84	27.42	6818.20	-1.568e+04	3.079e+05
						0.0	560.49	610.39	18.17	2600.53	-1.048e+04	1.863e+05
						12.0	560.49	479.14	18.17	2600.53	-1.026e+04	1.929e+05
166	25	2.027e+05 1.909e+05	-1.030e+04 -1.074e+04	-0.01 1.25e-04	-271.60 0.0	24.0	560.49	347.87	18.17	2600.53	-1.004e+04	1.979e+05
						0.0	571.73	629.10	18.45	3043.97	-1.074e+04	1.909e+05
						12.0	571.73	493.30	18.45	3043.97	-1.052e+04	1.976e+05
166	32	2.291e+05 2.156e+05	-1.165e+04 -1.214e+04	-0.01 1.53e-04	-312.36 0.0	24.0	571.73	357.49	18.45	3043.97	-1.030e+04	2.027e+05
						0.0	637.91	720.84	20.55	4655.70	-1.214e+04	2.156e+05
						12.0	637.91	564.66	20.55	4655.70	-1.190e+04	2.233e+05
166	37	2.027e+05 1.909e+05	-1.030e+04 -1.074e+04	-0.01 1.25e-04	-271.60 0.0	24.0	637.91	408.48	20.55	4655.70	-1.165e+04	2.291e+05
						0.0	571.73	629.10	18.45	3043.97	-1.074e+04	1.909e+05

		1.909e+05-1.074e+04	1.25e-04	0.0	12.0	571.73	493.30	18.45	3043.97-1.052e+04	1.976e+05
					24.0	571.73	357.49	18.45	3043.97-1.030e+04	2.027e+05
167	8	3.214e+05-1.442e+04	-3.51e-03	-423.45	0.0	736.16	323.39	26.37	-902.08-1.505e+04	3.184e+05
		3.184e+05-1.505e+04	8.15e-05	0.0	12.0	736.16	111.67	26.37	-902.08-1.473e+04	3.210e+05
					24.0	736.16	-100.06	26.37	-902.08-1.442e+04	3.212e+05
167	9	2.065e+05	-9206.72	-2.21e-03	-262.60	0.0	482.40	194.00	17.49	-1862.10
		2.046e+05	-9626.06	3.51e-05	0.0	12.0	482.40	62.71	17.49	-1862.10
					24.0	482.40	-68.60	17.49	-1862.10	-9206.72
167	25	2.115e+05	-9453.61	-2.28e-03	-271.69	0.0	492.49	202.02	17.76	-1666.64
		2.096e+05	-9879.24	3.95e-05	0.0	12.0	492.49	66.18	17.76	-1666.64
					24.0	492.49	-69.67	17.76	-1666.64	-9453.61
167	32	2.391e+05-1.071e+04	-2.60e-03	-312.46	0.0	549.71	237.18	19.77	-953.91-1.118e+04	2.368e+05
		2.368e+05-1.118e+04	5.66e-05	0.0	12.0	549.71	80.95	19.77	-953.91-1.094e+04	2.388e+05
					24.0	549.71	-75.28	19.77	-953.91-1.071e+04	2.389e+05
167	37	2.115e+05	-9453.61	-2.28e-03	-271.69	0.0	492.49	202.02	17.76	-1666.64
		2.096e+05	-9879.24	3.95e-05	0.0	12.0	492.49	66.18	17.76	-1666.64
					24.0	492.49	-69.67	17.76	-1666.64	-9453.61
168	8	3.166e+05-1.312e+04	0.01	-423.59	0.0	614.49	-331.55	27.46	-9224.20-1.377e+04	3.166e+05
		3.040e+05-1.377e+04	-3.79e-05	0.0	12.0	614.49	-543.34	27.46	-9224.20-1.345e+04	3.115e+05
					24.0	614.49	-755.14	27.46	-9224.20-1.312e+04	3.040e+05
168	9	2.033e+05	-8344.60	7.81e-03	-262.68	0.0	401.70	-225.23	18.19	-6724.95
		1.951e+05	-8780.51	-4.11e-05	0.0	12.0	401.70	-356.56	18.19	-6724.95
					24.0	401.70	-487.91	18.19	-6724.95	-8344.60
168	25	2.083e+05	-8578.21	8.00e-03	-271.77	0.0	410.57	-227.93	18.47	-6783.92
		2.000e+05	-9020.91	-3.87e-05	0.0	12.0	410.57	-363.81	18.47	-6783.92
					24.0	410.57	-499.70	18.47	-6783.92	-8578.21
168	32	2.355e+05	-9731.95	9.01e-03	-312.57	0.0	458.49	-249.63	20.58	-7014.68
		2.261e+05-1.023e+04	-3.20e-05	0.0	12.0	458.49	-405.90	20.58	-7014.68	-9978.64
					24.0	458.49	-562.19	20.58	-7014.68	-9731.95
168	37	2.083e+05	-8578.21	8.00e-03	-271.77	0.0	410.57	-227.93	18.47	-6783.92
		2.000e+05	-9020.91	-3.87e-05	0.0	12.0	410.57	-363.81	18.47	-6783.92
					24.0	410.57	-499.70	18.47	-6783.92	-8578.21
169	8	2.843e+05-1.165e+04	0.03	-423.73	0.0	494.70	-986.46	32.34	-1.757e+04-1.243e+04	2.843e+05
		2.563e+05-1.243e+04	-1.47e-04	0.0	12.0	494.70	-1198.32	32.34	-1.757e+04-1.204e+04	2.716e+05
					24.0	494.70	-1410.19	32.34	-1.757e+04-1.165e+04	2.563e+05
169	9	1.824e+05	-7380.32	0.02	-262.76	0.0	322.15	-644.49	21.21	-1.161e+04
		1.643e+05	-7888.82	-1.10e-04	0.0	12.0	322.15	-775.86	21.21	-1.161e+04
					24.0	322.15	-907.25	21.21	-1.161e+04	-7380.32
169	25	1.870e+05	-7597.17	0.02	-271.86	0.0	329.85	-657.89	21.60	-1.192e+04
		1.685e+05	-8114.96	-1.10e-04	0.0	12.0	329.85	-793.81	21.60	-1.192e+04
					24.0	329.85	-929.75	21.60	-1.192e+04	-7597.17
169	32	2.114e+05	-8635.36	0.02	-312.67	0.0	368.64	-736.43	24.18	-1.309e+04
		1.906e+05	-9214.94	-1.13e-04	0.0	12.0	368.64	-892.75	24.18	-1.309e+04
					24.0	368.64	-1049.09	24.18	-1.309e+04	-8635.36
169	37	1.870e+05	-7597.17	0.02	-271.86	0.0	329.85	-657.89	21.60	-1.192e+04
		1.685e+05	-8114.96	-1.10e-04	0.0	12.0	329.85	-793.81	21.60	-1.192e+04
					24.0	329.85	-929.75	21.60	-1.192e+04	-7597.17
170	8	2.216e+05	-9177.05	0.04	-423.87	0.0	383.16	-1636.89	61.86	-2.532e+04
		1.784e+05-1.066e+04	-2.45e-04	0.0	12.0	383.16	-1848.82	61.86	-2.532e+04	-9918.48
					24.0	383.16	-2060.76	61.86	-2.532e+04	-9177.05
170	9	1.419e+05	-5786.15	0.02	-262.84	0.0	247.83	-1060.84	39.68	-1.611e+04
		1.140e+05	-6737.36	-1.72e-04	0.0	12.0	247.83	-1192.25	39.68	-1.611e+04
					24.0	247.83	-1323.68	39.68	-1.611e+04	-5786.15
170	25	1.455e+05	-5965.49	0.03	-271.94	0.0	254.51	-1084.88	40.67	-1.666e+04
		1.170e+05	-6940.45	-1.74e-04	0.0	12.0	254.51	-1220.84	40.67	-1.666e+04
					24.0	254.51	-1356.82	40.67	-1.666e+04	-5965.49
170	32	1.647e+05	-6793.87	0.03	-312.77	0.0	284.92	-1219.88	46.00	-1.873e+04
		1.325e+05	-7896.61	-1.86e-04	0.0	12.0	284.92	-1376.26	46.00	-1.873e+04
					24.0	284.92	-1532.66	46.00	-1.873e+04	-6793.87
170	37	1.455e+05	-5965.49	0.03	-271.94	0.0	254.51	-1084.88	40.67	-1.666e+04
		1.170e+05	-6940.45	-1.74e-04	0.0	12.0	254.51	-1220.84	40.67	-1.666e+04
					24.0	254.51	-1356.82	40.67	-1.666e+04	-5965.49
171	7	1.267e+05	-2288.67	0.04	-424.02	0.0	291.38	-2226.30	182.90	-3.227e+04
		6.970e+04	-6672.96	-3.22e-04	0.0	12.0	291.38	-2438.29	182.90	-3.227e+04
					24.0	291.38	-2650.31	182.90	-3.227e+04	-2288.67
171	8	1.287e+05	-2235.13	0.05	-424.02	0.0	286.52	-2279.90	185.05	-3.127e+04
		7.027e+04	-6670.91	-3.30e-04	0.0	12.0	286.52	-2491.90	185.05	-3.127e+04
					24.0	286.52	-2703.92	185.05	-3.127e+04	-2235.13
171	9	8.190e+04	-1382.59	0.03	-262.92	0.0	183.02	-1472.24	117.21	-1.945e+04
		4.424e+04	-4192.27	-2.26e-04	0.0	12.0	183.02	-1603.70	117.21	-1.945e+04
					24.0	183.02	-1735.16	117.21	-1.945e+04	-1382.59
171	23	8.586e+04	-1275.50	0.03	-262.92	0.0	173.30	-1579.45	121.51	-1.745e+04
		4.540e+04	-4188.16	-2.41e-04	0.0	12.0	173.30	-1710.91	121.51	-1.745e+04
					24.0	173.30	-1842.37	121.51	-1.745e+04	-1275.50
171	25	8.414e+04	-1436.93	0.03	-272.02	0.0	188.92	-1506.84	120.60	-2.022e+04
		4.559e+04	-4327.66	-2.29e-04	0.0	12.0	188.92	-1642.85	120.60	-2.022e+04
					24.0	188.92	-1778.86	120.60	-2.022e+04	-1436.93

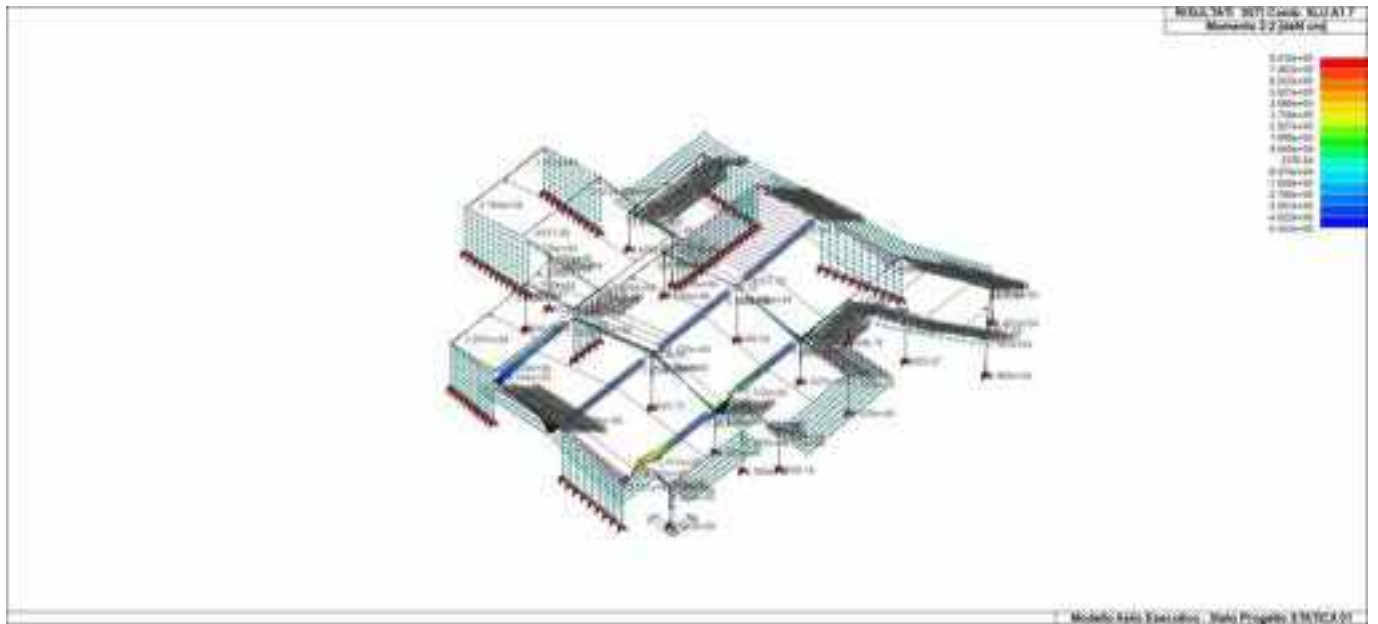
171	31	9.420e+04	-1681.15	0.03	-312.88	0.0	215.51	-1662.04	135.76	-2.369e+04	-4935.41	9.420e+04
		5.164e+04	-4935.41	-2.43e-04	0.0	12.0	215.51	-1818.48	135.76	-2.369e+04	-3308.28	7.386e+04
						24.0	215.51	-1974.92	135.76	-2.369e+04	-1681.15	5.164e+04
171	32	9.552e+04	-1645.45	0.03	-312.88	0.0	212.27	-1697.78	137.19	-2.302e+04	-4934.04	9.552e+04
		5.203e+04	-4934.04	-2.48e-04	0.0	12.0	212.27	-1854.21	137.19	-2.302e+04	-3289.74	7.471e+04
						24.0	212.27	-2010.66	137.19	-2.302e+04	-1645.45	5.203e+04
171	35	8.679e+04	-1365.54	0.03	-272.02	0.0	182.44	-1578.31	123.46	-1.889e+04	-4324.91	8.679e+04
		4.636e+04	-4324.91	-2.39e-04	0.0	12.0	182.44	-1714.32	123.46	-1.889e+04	-2845.23	6.739e+04
						24.0	182.44	-1850.34	123.46	-1.889e+04	-1365.54	4.636e+04
171	37	8.414e+04	-1436.93	0.03	-272.02	0.0	188.92	-1506.84	120.60	-2.022e+04	-4327.66	8.414e+04
		4.559e+04	-4327.66	-2.29e-04	0.0	12.0	188.92	-1642.85	120.60	-2.022e+04	-2882.29	6.568e+04
						24.0	188.92	-1778.86	120.60	-2.022e+04	-1436.93	4.559e+04
172	7	6854.30	1.748e+04	0.05	-424.16	0.0	216.71	-2838.24	507.87	-3.330e+04	5310.67	6854.30
		-6.456e+04	5310.67	-3.56e-04	0.0	12.0	216.71	-3050.31	507.87	-3.330e+04	1.140e+04	-2.758e+04
						24.0	216.71	-3262.40	507.87	-3.330e+04	1.748e+04	-6.456e+04
172	8	5720.25	1.778e+04	0.05	-424.16	0.0	206.86	-2903.05	514.37	-3.185e+04	5449.24	5720.25
		-6.740e+04	5449.24	-3.64e-04	0.0	12.0	206.86	-3115.12	514.37	-3.185e+04	1.161e+04	-2.957e+04
						24.0	206.86	-3327.21	514.37	-3.185e+04	1.778e+04	-6.740e+04
172	9	2574.03	1.130e+04	0.03	-263.00	0.0	128.90	-1869.56	326.32	-1.936e+04	3482.05	2574.03
		-4.450e+04	3482.05	-2.47e-04	0.0	12.0	128.90	-2001.05	326.32	-1.936e+04	7393.09	-2.017e+04
						24.0	128.90	-2132.56	326.32	-1.936e+04	1.130e+04	-4.450e+04
172	22	3129.23	1.691e+04	0.05	-389.99	0.0	176.67	-2798.48	486.12	-2.703e+04	5261.87	3129.23
		-6.746e+04	5261.87	-3.57e-04	0.0	12.0	176.67	-2993.47	486.12	-2.703e+04	1.109e+04	-3.100e+04
						24.0	176.67	-3188.47	486.12	-2.703e+04	1.691e+04	-6.746e+04
172	23	305.93	1.189e+04	0.03	-263.00	0.0	109.20	-1999.18	339.32	-1.647e+04	3759.19	305.93
		-5.019e+04	3759.19	-2.62e-04	0.0	12.0	109.20	-2130.67	339.32	-1.647e+04	7826.04	-2.416e+04
						24.0	109.20	-2262.18	339.32	-1.647e+04	1.189e+04	-5.019e+04
172	25	2962.55	1.161e+04	0.03	-272.11	0.0	134.33	-1914.73	335.59	-2.026e+04	3568.97	2962.55
		-4.524e+04	3568.97	-2.51e-04	0.0	12.0	134.33	-2050.78	335.59	-2.026e+04	7591.05	-2.032e+04
						24.0	134.33	-2186.84	335.59	-2.026e+04	1.161e+04	-4.524e+04
172	31	4705.52	1.300e+04	0.03	-312.98	0.0	158.77	-2117.35	377.15	-2.430e+04	3958.36	4705.52
		-4.857e+04	3958.36	-2.68e-04	0.0	12.0	158.77	-2273.83	377.15	-2.430e+04	8478.54	-2.100e+04
						24.0	158.77	-2430.33	377.15	-2.430e+04	1.300e+04	-4.857e+04
172	32	3949.49	1.319e+04	0.04	-312.98	0.0	152.20	-2160.55	381.48	-2.334e+04	4050.74	3949.49
		-5.047e+04	4050.74	-2.73e-04	0.0	12.0	152.20	-2317.03	381.48	-2.334e+04	8622.86	-2.232e+04
						24.0	152.20	-2473.53	381.48	-2.334e+04	1.319e+04	-5.047e+04
172	35	1450.49	1.201e+04	0.03	-272.11	0.0	121.19	-2001.14	344.25	-1.833e+04	3753.73	1450.49
		-4.904e+04	3753.73	-2.61e-04	0.0	12.0	121.19	-2137.19	344.25	-1.833e+04	7879.68	-2.298e+04
						24.0	121.19	-2273.25	344.25	-1.833e+04	1.201e+04	-4.904e+04
172	36	2222.15	1.262e+04	0.03	-290.20	0.0	132.07	-2090.84	362.65	-2.012e+04	3925.83	2222.15
		-5.051e+04	3925.83	-2.69e-04	0.0	12.0	132.07	-2235.93	362.65	-2.012e+04	8272.28	-2.328e+04
						24.0	132.07	-2381.04	362.65	-2.012e+04	1.262e+04	-5.051e+04
172	37	2962.55	1.161e+04	0.03	-272.11	0.0	134.33	-1914.73	335.59	-2.026e+04	3568.97	2962.55
		-4.524e+04	3568.97	-2.51e-04	0.0	12.0	134.33	-2050.78	335.59	-2.026e+04	7591.05	-2.032e+04
						24.0	134.33	-2186.84	335.59	-2.026e+04	1.161e+04	-4.524e+04
173	7	-1.384e+05	4.568e+04	0.04	-353.70	0.0	229.05	-3985.96	487.40	-6107.56	3.400e+04	-1.384e+05
		-2.297e+05	3.400e+04	-1.34e-04	0.0	12.0	229.05	-4198.10	487.40	-6107.56	3.984e+04	-1.829e+05
						24.0	229.05	-4339.67	487.40	-6107.56	4.568e+04	-2.297e+05
173	8	-1.431e+05	4.685e+04	0.04	-353.70	0.0	213.02	-4061.38	511.72	-3743.64	3.459e+04	-1.431e+05
		-2.362e+05	3.459e+04	-1.41e-04	0.0	12.0	213.02	-4273.52	511.72	-3743.64	4.072e+04	-1.885e+05
						24.0	213.02	-4415.08	511.72	-3743.64	4.685e+04	-2.362e+05
173	9	-9.327e+04	3.017e+04	0.03	-223.31	0.0	126.14	-2601.73	339.34	-878.46	2.204e+04	-9.327e+04
		-1.529e+05	2.204e+04	-1.07e-04	0.0	12.0	126.14	-2733.26	339.34	-878.46	2.610e+04	-1.224e+05
						24.0	126.14	-2825.04	339.34	-878.46	3.017e+04	-1.529e+05
173	23	-1.027e+05	3.251e+04	0.03	-223.31	0.0	94.07	-2752.55	387.98	3849.38	2.321e+04	-1.027e+05
		-1.659e+05	2.321e+04	-1.20e-04	0.0	12.0	94.07	-2884.09	387.98	3849.38	2.786e+04	-1.336e+05
						24.0	94.07	-2975.86	387.98	3849.38	3.251e+04	-1.659e+05
173	25	-9.517e+04	3.089e+04	0.03	-230.33	0.0	133.33	-2668.59	344.46	-1428.39	2.263e+04	-9.517e+04
		-1.563e+05	2.263e+04	-1.07e-04	0.0	12.0	133.33	-2804.68	344.46	-1428.39	2.676e+04	-1.250e+05
						24.0	133.33	-2898.92	344.46	-1428.39	3.089e+04	-1.563e+05
173	31	-1.037e+05	3.409e+04	0.03	-261.83	0.0	165.69	-2968.54	367.45	-3895.54	2.529e+04	-1.037e+05
		-1.717e+05	2.529e+04	-1.04e-04	0.0	12.0	165.69	-3125.08	367.45	-3895.54	2.969e+04	-1.368e+05
						24.0	165.69	-3230.38	367.45	-3895.54	3.409e+04	-1.717e+05
173	32	-1.068e+05	3.488e+04	0.03	-261.83	0.0	155.00	-3018.82	383.66	-2319.59	2.568e+04	-1.068e+05
		-1.760e+05	2.568e+04	-1.08e-04	0.0	12.0	155.00	-3175.35	383.66	-2319.59	3.028e+04	-1.406e+05
						24.0	155.00	-3280.65	383.66	-2319.59	3.488e+04	-1.760e+05
173	35	-1.015e+05	3.245e+04	0.03	-230.33	0.0	111.95	-2769.14	376.89	1723.50	2.341e+04	-1.015e+05
		-1.650e+05	2.341e+04	-1.15e-04	0.0	12.0	111.95	-2905.23	376.89	1723.50	2.793e+04	-1.325e+05
						24.0	111.95	-2999.48	376.89	1723.50	3.245e+04	-1.650e+05
173	37	-9.517e+04	3.089e+04	0.03	-230.33	0.0	133.33	-2668.59	344.46	-1428.39	2.263e+04	-9.517e+04
		-1.563e+05	2.263e+04	-1.07e-04	0.0	12.0	133.33	-2804.68	344.46	-1428.39	2.676e+04	-1.250e+05
						24.0	133.33	-2898.92	344.46	-1428.39	3.089e+04	-1.563e+05
174	7	1.566e+04	5.303e+05	-0.01	-187.74	0.0	13.8	-1.580e+04	1124.30	-3637.31	-5.801e+04	5.303e+05
		-1.459e+04	4.303e+05	-3.64e-03	0.0	12.0	13.8	-1.581e+04	1030.82	-3637.31	-5.801e+04	4.803e+05
						27.5	13.8	-1.582e+04	936.55	-3637.31	-5.801e+04	1.180.70
174	8	1.604e+04	5.271e+05	-0.01	-187.74	0.0	13.8	-1.572e+04	1178.58	-3634.68	-6.034e+04	5.271e+05
		-1.590e+04	4.271e+05	-3.60e-03	0.0	12.0	13.8	-1.574e+04	1085.10	-3634.68	-6.034e+04	4.771e+05

174	21	1.551e+04	4.299e+05	-0.01	-185.53	27.5 -1.575e+04	990.83	-3634.68	-6.034e+04	4.271e+05	1.604e+04
		-1.941e+04	3.467e+05	-2.89e-03	0.0	0.0 -1.294e+04	1287.35	-3024.30	-5.311e+04	4.299e+05	-1.941e+04
						13.8 -1.296e+04	1194.90	-3024.30	-5.311e+04	3.883e+05	-1314.57
174	23	1.186e+04	3.044e+05	-0.01	-142.14	27.5 -1.297e+04	1101.81	-3024.30	-5.311e+04	3.467e+05	1.551e+04
		-1.612e+04	2.448e+05	-2.03e-03	0.0	0.0 -9209.18	1029.70	-2164.92	-3.941e+04	3.044e+05	-1.612e+04
						13.8 -9220.30	958.85	-2164.92	-3.941e+04	2.746e+05	-1638.80
174	31	1.185e+04	3.875e+05	-9.07e-03	-143.94	27.5 -9231.48	887.56	-2164.92	-3.941e+04	2.448e+05	1.186e+04
		-1.171e+04	3.142e+05	-2.65e-03	0.0	0.0 -1.156e+04	876.68	-2665.92	-4.254e+04	3.875e+05	-1.171e+04
						13.8 -1.157e+04	805.00	-2665.92	-4.254e+04	3.508e+05	567.82
174	32	1.210e+04	3.854e+05	-9.43e-03	-143.94	27.5 -1.158e+04	732.75	-2665.92	-4.254e+04	3.142e+05	1.185e+04
		-1.257e+04	3.121e+05	-2.63e-03	0.0	0.0 -1.151e+04	912.87	-2664.17	-4.410e+04	3.854e+05	-1.257e+04
						13.8 -1.153e+04	841.19	-2664.17	-4.410e+04	3.487e+05	258.34
174	35	1.175e+04	3.206e+05	-9.75e-03	-142.47	27.5 -1.154e+04	768.93	-2664.17	-4.410e+04	3.121e+05	1.210e+04
		-1.492e+04	2.584e+05	-2.15e-03	0.0	0.0 -9660.79	985.38	-2257.25	-3.928e+04	3.206e+05	-1.492e+04
						13.8 -9671.94	914.39	-2257.25	-3.928e+04	2.895e+05	-1095.69
174	37	1.125e+04	3.248e+05	-9.05e-03	-142.47	27.5 -9683.15	842.92	-2257.25	-3.928e+04	2.584e+05	1.175e+04
		-1.318e+04	2.626e+05	-2.20e-03	0.0	0.0 -9756.92	913.01	-2260.76	-3.617e+04	3.248e+05	-1.318e+04
						13.8 -9768.07	842.01	-2260.76	-3.617e+04	2.937e+05	-476.74
175	7	6.969e+04	3.599e+05	-0.01	-194.08	27.5 -9779.28	770.55	-2260.76	-3.617e+04	2.626e+05	1.125e+04
		4.510e+04	3.081e+05	-2.01e-03	0.0	0.0 -1.394e+04	940.78	-1881.72	-2.437e+04	3.599e+05	-4.510e+04
						13.8 -1.395e+04	844.14	-1881.72	-2.437e+04	3.340e+05	5.806e+04
175	9	5.333e+04	2.092e+05	-7.94e-03	-145.71	27.5 -1.397e+04	746.70	-1881.72	-2.437e+04	3.081e+05	6.969e+04
		3.421e+04	1.784e+05	-1.16e-03	0.0	0.0 -8310.32	736.86	-1117.69	-1.397e+04	2.092e+05	3.421e+04
						13.8 -8321.72	664.23	-1117.69	-1.397e+04	1.938e+05	4.427e+04
175	22	7.575e+04	3.172e+05	-0.01	-192.14	27.5 -8333.19	591.15	-1117.69	-1.397e+04	1.784e+05	5.333e+04
		4.874e+04	2.707e+05	-1.75e-03	0.0	0.0 -1.255e+04	1021.38	-1690.93	-2.528e+04	3.172e+05	4.874e+04
						13.8 -1.256e+04	925.66	-1690.93	-2.528e+04	2.940e+05	6.291e+04
175	23	5.954e+04	2.031e+05	-8.88e-03	-145.71	27.5 -1.258e+04	829.24	-1690.93	-2.528e+04	2.707e+05	7.575e+04
		3.811e+04	1.727e+05	-1.11e-03	0.0	0.0 -8225.88	810.31	-1105.34	-1.747e+04	2.031e+05	3.811e+04
						13.8 -8237.28	737.68	-1105.34	-1.747e+04	1.879e+05	4.933e+04
175	25	5.337e+04	2.189e+05	-7.94e-03	-146.23	27.5 -8248.75	664.60	-1105.34	-1.747e+04	1.727e+05	5.954e+04
		3.428e+04	1.869e+05	-1.21e-03	0.0	0.0 -8658.08	734.95	-1165.28	-1.466e+04	2.189e+05	3.428e+04
						13.8 -8669.52	662.07	-1165.28	-1.466e+04	2.029e+05	4.433e+04
175	31	5.355e+04	2.626e+05	-7.95e-03	-148.54	27.5 -8681.03	588.73	-1165.28	-1.466e+04	1.869e+05	5.337e+04
		3.459e+04	2.247e+05	-1.46e-03	0.0	0.0 -1.021e+04	726.45	-1378.13	-1.774e+04	2.626e+05	3.459e+04
						13.8 -1.023e+04	652.47	-1378.13	-1.774e+04	2.436e+05	4.458e+04
175	35	5.751e+04	2.149e+05	-8.57e-03	-146.23	27.5 -1.024e+04	577.91	-1378.13	-1.774e+04	2.347e+05	5.355e+04
		3.688e+04	1.831e+05	-1.18e-03	0.0	0.0 -8601.78	783.92	-1157.04	-1.699e+04	2.149e+05	3.688e+04
						13.8 -8613.22	711.04	-1157.04	-1.699e+04	1.990e+05	4.770e+04
175	36	5.759e+04	2.342e+05	-8.57e-03	-147.25	27.5 -8624.73	637.70	-1157.04	-1.699e+04	1.831e+05	5.751e+04
		3.702e+04	1.997e+05	-1.29e-03	0.0	0.0 -9287.94	780.19	-1250.93	-1.835e+04	2.342e+05	3.702e+04
						13.8 -9299.46	706.82	-1250.93	-1.835e+04	2.170e+05	4.781e+04
175	37	5.337e+04	2.189e+05	-7.94e-03	-146.23	27.5 -9311.05	632.94	-1250.93	-1.835e+04	1.997e+05	5.759e+04
		3.428e+04	1.869e+05	-1.21e-03	0.0	0.0 -8658.08	734.95	-1165.28	-1.466e+04	2.189e+05	3.428e+04
						13.8 -8669.52	662.07	-1165.28	-1.466e+04	2.029e+05	4.433e+04
176	7	1.068e+05	2.669e+05	-6.44e-03	-200.42	27.5 -8681.03	588.73	-1165.28	-1.466e+04	1.869e+05	5.337e+04
		9.127e+04	2.315e+05	-7.31e-04	0.0	0.0 -1.174e+04	627.08	-1287.00	-1.345e+04	2.669e+05	9.127e+04
						13.8 -1.176e+04	527.27	-1287.00	-1.345e+04	2.492e+05	9.970e+04
176	9	8.140e+04	1.540e+05	-4.96e-03	-149.28	27.5 -1.178e+04	426.67	-1287.00	-1.345e+04	2.315e+05	1.068e+05
		6.968e+04	1.332e+05	-4.20e-04	0.0	0.0 -7068.45	479.32	-756.48	-7207.57	1.540e+05	6.968e+04
						13.8 -7080.13	404.90	-756.48	-7207.57	1.436e+05	7.605e+04
176	22	1.159e+05	2.339e+05	-7.04e-03	-197.77	27.5 -7091.88	330.04	-756.48	-7207.57	1.332e+05	8.140e+04
		9.922e+04	2.024e+05	-6.35e-04	0.0	0.0 -1.066e+04	664.12	-1143.02	-1.423e+04	2.339e+05	9.922e+04
						13.8 -1.067e+04	565.59	-1143.02	-1.423e+04	2.182e+05	1.082e+05
176	23	9.089e+04	1.488e+05	-5.55e-03	-149.28	27.5 -1.069e+04	466.35	-1143.02	-1.423e+04	2.024e+05	1.159e+05
		7.792e+04	1.284e+05	-4.01e-04	0.0	0.0 -7045.60	518.00	-738.86	-9687.91	1.488e+05	7.792e+04
						13.8 -7057.28	443.58	-738.86	-9687.91	1.386e+05	8.492e+04
176	25	8.150e+04	1.614e+05	-4.96e-03	-149.99	27.5 -7069.03	368.72	-738.86	-9687.91	1.284e+05	9.089e+04
		6.976e+04	1.397e+05	-4.41e-04	0.0	0.0 -7352.03	479.75	-790.18	-7661.39	1.614e+05	6.976e+04
						13.8 -7363.76	405.00	-790.18	-7661.39	1.506e+05	7.615e+04
176	31	8.197e+04	1.945e+05	-4.96e-03	-153.14	27.5 -7375.57	329.77	-790.18	-7661.39	1.397e+05	8.150e+04
		7.010e+04	1.686e+05	-5.32e-04	0.0	0.0 -8620.50	481.73	-940.89	-9687.37	1.945e+05	7.010e+04
						13.8 -8632.47	405.45	-940.89	-9687.37	1.816e+05	7.656e+04
176	35	8.783e+04	1.579e+05	-5.36e-03	-149.99	27.5 -8644.54	328.59	-940.89	-9687.37	1.686e+05	8.197e+04
		7.525e+04	1.365e+05	-4.28e-04	0.0	0.0 -7336.80	505.54	-778.43	-9314.95	1.579e+05	7.525e+04
						13.8 -7348.53	430.78	-778.43	-9314.95	1.472e+05	8.205e+04
176	36	8.804e+04	1.725e+05	-5.35e-03	-151.38	27.5 -7360.34	355.56	-778.43	-9314.95	1.365e+05	8.783e+04
		7.540e+04	1.493e+05	-4.68e-04	0.0	0.0 -7896.32	506.42	-844.91	-1.021e+04	1.725e+05	7.540e+04
						13.8 -7908.16	430.99	-844.91	-1.021e+04	1.609e+05	8.224e+04
176	37	8.150e+04	1.614e+05	-4.96e-03	-149.99	27.5 -7920.08	355.05	-844.91	-1.021e+04	1.493e+05	8.804e+04
		6.976e+04	1.397e+05	-4.41e-04	0.0	0.0 -7352.03	479.75	-790.18	-7661.39	1.614e+05	6.976e+04
						13.8 -7363.76	405.00	-790.18	-7661.39	1.506e+05	7.615e+04
177	7	1.218e+05	1.992e+05	-1.05e-03	-206.76	27.5 -7375.57	329.77	-790.18	-7661.39	1.397e+05	8.150e+04
		1.176e+05	1.686e+05	2.59e-04	0.0	0.0 -9300.49	231.11	-1112.29	-9949.47	1.992e+05	1.176e+05
						13.8 -9316.65	128.13	-1112.29	-9949.47	1.839e+05	1.204e+05
177	8	1.271e+05	1.970e+05	-1.11e-03	-206.76	27.5 -9332.94	24.35	-1112.29	-9949.47	1.686e+05	1.218e+05
						0.0 -9318.93	233.03	-1101.50	-1.070e+04	1.970e+05	1.228e+05

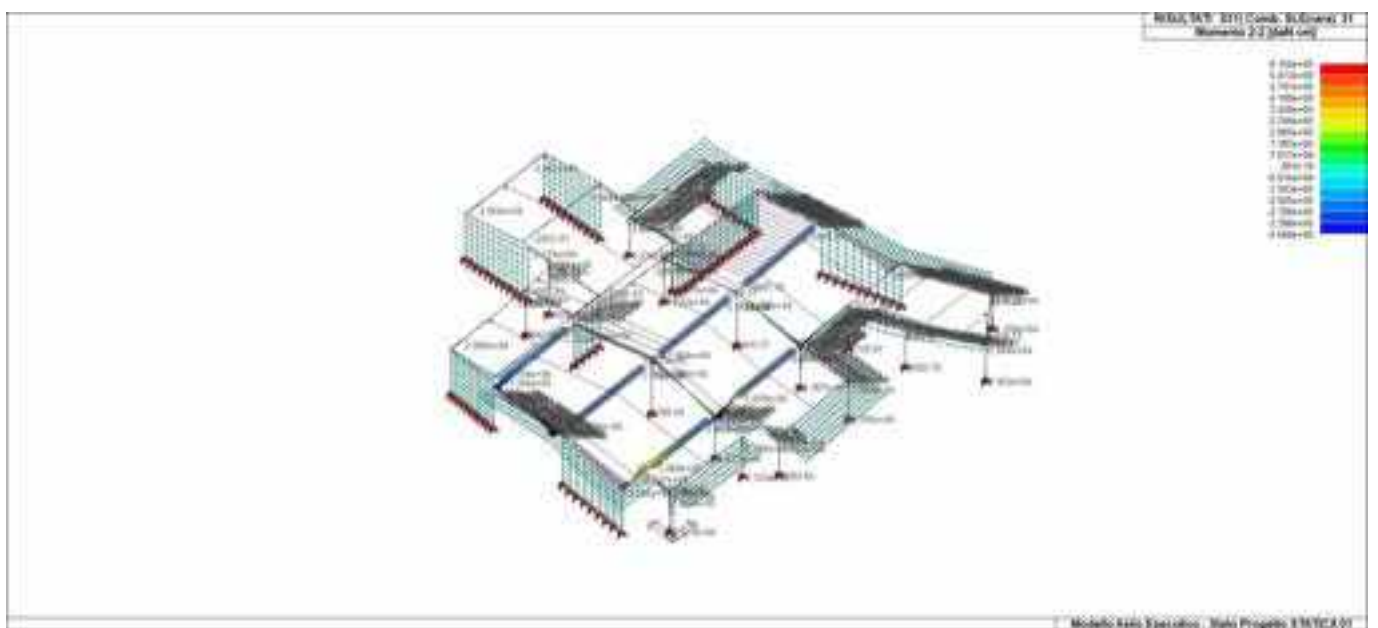
		1.228e+05	1.667e+05	2.57e-04	0.0	13.8	-9335.10	130.05	-1101.50	-1.070e+04	1.819e+05	1.257e+05
						27.5	-9351.38	26.28	-1101.50	-1.070e+04	1.667e+05	1.271e+05
177	9	9.238e+04	1.143e+05	-8.51e-04	-152.85	0.0	-5673.38	173.21	-646.18	-4987.76	1.143e+05	8.934e+04
		8.934e+04	9.657e+04	1.47e-04	0.0	13.8	-5685.34	97.01	-646.18	-4987.76	1.055e+05	9.139e+04
						27.5	-5697.37	20.36	-646.18	-4987.76	9.657e+04	9.238e+04
177	22	1.317e+05	1.739e+05	-1.19e-03	-203.41	0.0	-8536.09	232.50	-977.41	-9997.04	1.739e+05	1.274e+05
		1.274e+05	1.470e+05	2.28e-04	0.0	13.8	-8552.00	131.15	-977.41	-9997.04	1.604e+05	1.302e+05
						27.5	-8568.02	29.09	-977.41	-9997.04	1.470e+05	1.317e+05
177	23	1.030e+05	1.101e+05	-9.63e-04	-152.85	0.0	-5710.27	177.06	-624.61	-6480.17	1.101e+05	9.973e+04
		9.973e+04	9.289e+04	1.45e-04	0.0	13.8	-5722.23	100.85	-624.61	-6480.17	1.015e+05	1.019e+05
						27.5	-5734.26	24.20	-624.61	-6480.17	9.289e+04	1.030e+05
177	25	9.257e+04	1.200e+05	-8.45e-04	-153.75	0.0	-5887.05	173.87	-676.40	-5373.05	1.200e+05	8.951e+04
		8.951e+04	1.013e+05	1.55e-04	0.0	13.8	-5899.08	97.23	-676.40	-5373.05	1.107e+05	9.157e+04
						27.5	-5911.18	20.12	-676.40	-5373.05	1.013e+05	9.257e+04
177	31	9.344e+04	1.450e+05	-8.18e-04	-157.74	0.0	-6842.81	176.82	-811.57	-7092.53	1.450e+05	9.024e+04
		9.024e+04	1.227e+05	1.88e-04	0.0	13.8	-6855.15	98.23	-811.57	-7092.53	1.339e+05	9.238e+04
						27.5	-6867.57	19.08	-811.57	-7092.53	1.227e+05	9.344e+04
177	32	9.697e+04	1.436e+05	-8.55e-04	-157.74	0.0	-6855.11	178.10	-804.38	-7589.99	1.436e+05	9.370e+04
		9.370e+04	1.215e+05	1.87e-04	0.0	13.8	-6867.45	99.52	-804.38	-7589.99	1.326e+05	9.588e+04
						27.5	-6879.87	20.36	-804.38	-7589.99	1.215e+05	9.697e+04
177	35	9.963e+04	1.171e+05	-9.20e-04	-153.75	0.0	-5911.65	176.43	-662.02	-6367.99	1.171e+05	9.643e+04
		9.643e+04	9.890e+04	1.53e-04	0.0	13.8	-5923.68	99.79	-662.02	-6367.99	1.080e+05	9.856e+04
						27.5	-5935.78	22.68	-662.02	-6367.99	9.890e+04	9.963e+04
177	36	1.000e+05	1.282e+05	-9.08e-04	-155.51	0.0	-6333.22	177.74	-721.65	-7124.24	1.282e+05	9.675e+04
		9.675e+04	1.083e+05	1.68e-04	0.0	13.8	-6345.38	100.25	-721.65	-7124.24	1.182e+05	9.892e+04
						27.5	-6357.63	22.23	-721.65	-7124.24	1.083e+05	1.000e+05
177	37	9.257e+04	1.200e+05	-8.45e-04	-153.75	0.0	-5887.05	173.87	-676.40	-5373.05	1.200e+05	8.951e+04
		8.951e+04	1.013e+05	1.55e-04	0.0	13.8	-5899.08	97.23	-676.40	-5373.05	1.107e+05	9.157e+04
						27.5	-5911.18	20.12	-676.40	-5373.05	1.013e+05	9.257e+04
178	7	1.206e+05	1.389e+05	4.84e-03	-213.09	0.0	-6752.34	-200.80	-1067.14	-8687.09	1.389e+05	1.206e+05
		1.126e+05	1.095e+05	9.75e-04	0.0	13.8	-6769.00	-306.95	-1067.14	-8687.09	1.242e+05	1.174e+05
						27.5	-6785.78	-413.89	-1067.14	-8687.09	1.095e+05	1.126e+05
178	8	1.258e+05	1.374e+05	5.04e-03	-213.09	0.0	-6799.50	-216.14	-1054.53	-8917.10	1.374e+05	1.258e+05
		1.174e+05	1.083e+05	9.66e-04	0.0	13.8	-6816.16	-322.29	-1054.53	-8917.10	1.228e+05	1.223e+05
						27.5	-6832.95	-429.23	-1054.53	-8917.10	1.083e+05	1.174e+05
178	9	9.110e+04	7.941e+04	3.60e-03	-156.42	0.0	-4211.72	-153.70	-613.70	-4051.50	7.941e+04	9.110e+04
		8.491e+04	6.253e+04	5.57e-04	0.0	13.8	-4223.96	-231.69	-613.70	-4051.50	7.097e+04	8.854e+04
						27.5	-4236.27	-310.13	-613.70	-4051.50	6.253e+04	8.491e+04
178	22	1.301e+05	1.210e+05	5.17e-03	-209.04	0.0	-6315.08	-231.05	-929.83	-7721.11	1.210e+05	1.301e+05
		1.212e+05	9.542e+04	8.51e-04	0.0	13.8	-6331.43	-335.21	-929.83	-7721.11	1.082e+05	1.264e+05
						27.5	-6347.89	-440.09	-929.83	-7721.11	9.542e+04	1.212e+05
178	23	1.015e+05	7.638e+04	4.00e-03	-156.42	0.0	-4306.05	-184.37	-588.49	-4511.50	7.638e+04	1.015e+05
		9.444e+04	6.019e+04	5.37e-04	0.0	13.8	-4318.29	-262.36	-588.49	-4511.50	6.828e+04	9.849e+04
						27.5	-4330.60	-340.79	-588.49	-4511.50	6.019e+04	9.444e+04
178	25	9.135e+04	8.337e+04	3.62e-03	-157.51	0.0	-4353.47	-153.81	-643.59	-4431.76	8.337e+04	9.135e+04
		8.516e+04	6.566e+04	5.84e-04	0.0	13.8	-4365.80	-232.33	-643.59	-4431.76	7.451e+04	8.879e+04
						27.5	-4378.19	-311.32	-643.59	-4431.76	6.566e+04	8.516e+04
178	31	9.243e+04	1.011e+05	3.70e-03	-162.34	0.0	-4987.52	-154.30	-777.31	-6128.79	1.011e+05	9.243e+04
		8.627e+04	7.967e+04	7.09e-04	0.0	13.8	-5000.21	-235.18	-777.31	-6128.79	9.037e+04	8.991e+04
						27.5	-5013.00	-316.64	-777.31	-6128.79	7.967e+04	8.627e+04
178	32	9.588e+04	1.000e+05	3.83e-03	-162.34	0.0	-5018.96	-164.52	-768.91	-6282.12	1.000e+05	9.588e+04
		8.945e+04	7.889e+04	7.03e-04	0.0	13.8	-5031.65	-245.41	-768.91	-6282.12	8.947e+04	9.322e+04
						27.5	-5044.44	-326.87	-768.91	-6282.12	7.889e+04	8.945e+04
178	35	9.825e+04	8.135e+04	3.88e-03	-157.51	0.0	-4416.36	-174.26	-626.78	-4738.43	8.135e+04	9.825e+04
		9.151e+04	6.410e+04	5.72e-04	0.0	13.8	-4428.68	-252.78	-626.78	-4738.43	7.272e+04	9.542e+04
						27.5	-4441.08	-331.76	-626.78	-4738.43	6.410e+04	9.151e+04
178	36	9.873e+04	8.915e+04	3.92e-03	-159.64	0.0	-4696.01	-174.46	-685.77	-5484.80	8.915e+04	9.873e+04
		9.200e+04	7.028e+04	6.27e-04	0.0	13.8	-4708.50	-254.03	-685.77	-5484.80	7.972e+04	9.592e+04
						27.5	-4721.07	-334.10	-685.77	-5484.80	7.028e+04	9.200e+04
178	37	9.135e+04	8.337e+04	3.62e-03	-157.51	0.0	-4353.47	-153.81	-643.59	-4431.76	8.337e+04	9.135e+04
		8.516e+04	6.566e+04	5.84e-04	0.0	13.8	-4365.80	-232.33	-643.59	-4431.76	7.451e+04	8.879e+04
						27.5	-4378.19	-311.32	-643.59	-4431.76	6.566e+04	8.516e+04
179	7	9.870e+04	7.975e+04	9.96e-03	-219.43	0.0	-4197.96	-651.26	-1141.29	-6901.02	7.975e+04	9.870e+04
		7.800e+04	4.835e+04	1.43e-03	0.0	13.8	-4215.12	-760.58	-1141.29	-6901.02	6.405e+04	8.910e+04
						27.5	-4232.41	-870.69	-1141.29	-6901.02	4.835e+04	7.800e+04
179	8	1.028e+05	7.895e+04	0.01	-219.43	0.0	-4272.63	-683.61	-1126.68	-6526.49	7.895e+04	1.028e+05
		8.116e+04	4.795e+04	1.41e-03	0.0	13.8	-4289.79	-792.93	-1126.68	-6526.49	6.345e+04	9.273e+04
						27.5	-4307.08	-903.04	-1126.68	-6526.49	4.795e+04	8.116e+04
179	9	7.408e+04	4.546e+04	7.45e-03	-160.00	0.0	-2742.63	-491.05	-654.20	-2522.34	4.546e+04	7.408e+04
		5.836e+04	2.747e+04	8.15e-04	0.0	13.8	-2755.16	-570.82	-654.20	-2522.34	3.647e+04	6.677e+04
						27.5	-2767.75	-651.04	-654.20	-2522.34	2.747e+04	5.836e+04
179	22	1.059e+05	6.956e+04	0.01	-214.67	0.0	-4083.99	-710.58	-991.04	-4641.97	6.956e+04	1.059e+05
		8.343e+04	4.230e+04	1.25e-03	0.0	13.8	-4100.78	-817.57	-991.04	-4641.97	5.593e+04	9.539e+04
						27.5	-4117.68	-925.25	-991.04	-4641.97	4.230e+04	8.343e+04
179	23	8.225e+04	4.387e+04	8.27e-03	-160.00	0.0	-2891.97	-555.74	-624.99	-1773.28	4.387e+04	8.225e+04
		6.468e+04	2.668e+04	7.86e-04	0.0	13.8	-2904.50	-635.52	-624.99	-1773.28	3.528e+04	7.401e+04
						27.5	-2917.09	-715.74	-624.99	-1773.28	2.668e+04	6.468e+04

179	25	7.434e+04	4.776e+04	7.48e-03	-161.26	0.0	-2812.85	-492.48	-686.48	-2925.00	4.776e+04	7.434e+04
		5.859e+04	2.887e+04	8.56e-04	0.0	13.8	-2825.47	-572.88	-686.48	-2925.00	3.831e+04	6.702e+04
						27.5	-2838.16	-653.75	-686.48	-2925.00	2.887e+04	5.859e+04
179	31	7.554e+04	5.800e+04	7.61e-03	-166.94	0.0	-3126.88	-498.88	-830.87	-4722.24	5.800e+04	7.554e+04
		5.965e+04	3.515e+04	1.04e-03	0.0	13.8	-3139.93	-582.07	-830.87	-4722.24	4.658e+04	6.817e+04
						27.5	-3153.08	-665.83	-830.87	-4722.24	3.515e+04	5.965e+04
179	32	7.826e+04	5.747e+04	7.89e-03	-166.94	0.0	-3176.66	-520.45	-821.13	-4472.55	5.747e+04	7.826e+04
		6.176e+04	3.488e+04	1.03e-03	0.0	13.8	-3189.71	-603.63	-821.13	-4472.55	4.618e+04	7.058e+04
						27.5	-3202.86	-687.39	-821.13	-4472.55	3.488e+04	6.176e+04
179	35	7.979e+04	4.670e+04	8.03e-03	-161.26	0.0	-2912.41	-535.61	-667.00	-2425.63	4.670e+04	7.979e+04
		6.281e+04	2.835e+04	8.37e-04	0.0	13.8	-2925.03	-616.01	-667.00	-2425.63	3.752e+04	7.185e+04
						27.5	-2937.72	-696.88	-667.00	-2425.63	2.835e+04	6.281e+04
179	36	8.032e+04	5.121e+04	8.09e-03	-163.77	0.0	-3050.90	-538.43	-730.70	-3216.20	5.121e+04	8.032e+04
		6.327e+04	3.111e+04	9.18e-04	0.0	13.8	-3063.71	-620.06	-730.70	-3216.20	4.116e+04	7.236e+04
						27.5	-3076.60	-702.20	-730.70	-3216.20	3.111e+04	6.327e+04
179	37	7.434e+04	4.776e+04	7.48e-03	-161.26	0.0	-2812.85	-492.48	-686.48	-2925.00	4.776e+04	7.434e+04
		5.859e+04	2.887e+04	8.56e-04	0.0	13.8	-2825.47	-572.88	-686.48	-2925.00	3.831e+04	6.702e+04
						27.5	-2838.16	-653.75	-686.48	-2925.00	2.887e+04	5.859e+04
180	7	5.063e+04	1.305e+04	0.01	-225.77	0.0	-1725.24	-1152.58	-1565.81	-639.82	1.305e+04	5.063e+04
		1.569e+04	-3.002e+04	1.63e-03	0.0	13.8	-1742.90	-1265.07	-1565.81	-639.82	-8487.44	5.389e+04
						27.5	-1760.68	-1378.35	-1565.81	-639.82	-3.002e+04	1.569e+04
180	8	5.254e+04	1.309e+04	0.01	-225.77	0.0	-1825.95	-1203.12	-1548.10	609.95	1.309e+04	5.254e+04
		1.613e+04	-2.949e+04	1.61e-03	0.0	13.8	-1843.61	-1315.60	-1548.10	609.95	-8198.47	3.511e+04
						27.5	-1861.39	-1428.88	-1548.10	609.95	-2.949e+04	1.613e+04
180	9	3.748e+04	7153.05	9.78e-03	-163.57	0.0	-1319.15	-863.84	-908.88	2548.31	7153.05	3.748e+04
		1.117e+04	-1.785e+04	9.29e-04	0.0	13.8	-1331.95	-945.40	-908.88	2548.31	-5346.95	2.489e+04
						27.5	-1344.82	-1027.41	-908.88	2548.31	-1.785e+04	1.117e+04
180	22	5.367e+04	1.158e+04	0.01	-220.31	0.0	-1922.31	-1241.33	-1370.47	3507.39	1.158e+04	5.367e+04
		1.608e+04	-2.612e+04	1.42e-03	0.0	13.8	-1939.54	-1351.13	-1370.47	3507.39	-7271.91	3.563e+04
						27.5	-1956.89	-1461.63	-1370.47	3507.39	-2.612e+04	1.608e+04
180	25	3.770e+04	7569.77	9.82e-03	-165.02	0.0	-1320.31	-867.13	-951.53	2108.93	7569.77	3.770e+04
		1.130e+04	-1.860e+04	9.75e-04	0.0	13.8	-1333.22	-949.41	-951.53	2108.93	-5516.98	2.507e+04
						27.5	-1346.21	-1032.15	-951.53	2108.93	-1.860e+04	1.130e+04
180	31	3.864e+04	9431.11	0.01	-171.54	0.0	-1325.43	-881.81	-1142.31	147.56	9431.11	3.864e+04
		1.188e+04	-2.199e+04	1.18e-03	0.0	13.8	-1338.85	-967.30	-1142.31	147.56	-6280.54	2.585e+04
						27.5	-1352.35	-1053.36	-1142.31	147.56	-2.199e+04	1.188e+04
180	32	3.991e+04	9461.06	0.01	-171.54	0.0	-1392.57	-915.50	-1130.51	980.74	9461.06	3.991e+04
		1.217e+04	-2.164e+04	1.17e-03	0.0	13.8	-1405.99	-1000.99	-1130.51	980.74	-6087.89	2.663e+04
						27.5	-1419.49	-1087.05	-1130.51	980.74	-2.164e+04	1.217e+04
180	36	4.066e+04	8449.22	0.01	-167.90	0.0	-1456.81	-940.98	-1012.09	2912.37	8449.22	4.066e+04
		1.214e+04	-1.939e+04	1.05e-03	0.0	13.8	-1469.94	-1024.67	-1012.09	2912.37	-5470.18	2.698e+04
						27.5	-1483.16	-1108.88	-1012.09	2912.37	-1.939e+04	1.214e+04
180	37	3.770e+04	7569.77	9.82e-03	-165.02	0.0	-1320.31	-867.13	-951.53	2108.93	7569.77	3.770e+04
		1.130e+04	-1.860e+04	9.75e-04	0.0	13.8	-1333.22	-949.41	-951.53	2108.93	-5516.98	2.507e+04
						27.5	-1346.21	-1032.15	-951.53	2108.93	-1.860e+04	1.130e+04
181	7	-2.917e+04	-8.666e+04	0.01	-232.11	0.0	686.37	-1960.57	-2778.55	1.953e+04	-8.666e+04	-2.917e+04
		-8.764e+04	-1.631e+05	1.51e-03	0.0	13.8	668.22	-2076.23	-2778.55	1.953e+04	-1.249e+05	-5.760e+04
						27.5	649.94	-2192.68	-2778.55	1.953e+04	-1.631e+05	-8.764e+04
181	15	-2.245e+04	-6.616e+04	9.85e-03	-178.18	0.0	513.49	-1506.77	-2121.48	1.513e+04	-6.616e+04	-2.245e+04
		-6.739e+04	-1.245e+05	1.15e-03	0.0	13.8	499.55	-1595.56	-2121.48	1.513e+04	-9.534e+04	-4.430e+04
						27.5	485.52	-1684.95	-2121.48	1.513e+04	-1.245e+05	-6.739e+04
181	22	-3.239e+04	-7.600e+04	0.01	-225.94	0.0	189.16	-2099.71	-2458.91	2.716e+04	-7.600e+04	-3.239e+04
		-9.507e+04	-1.436e+05	1.32e-03	0.0	13.8	171.48	-2212.33	-2458.91	2.716e+04	-1.098e+05	-6.295e+04
						27.5	153.69	-2325.65	-2458.91	2.716e+04	-1.436e+05	-9.507e+04
181	23	-2.579e+04	-4.883e+04	0.01	-167.14	0.0	-178.38	-1627.69	-1588.84	2.419e+04	-4.883e+04	-2.579e+04
		-7.447e+04	-9.252e+04	8.33e-04	0.0	13.8	-191.47	-1711.03	-1588.84	2.419e+04	-7.068e+04	-4.956e+04
						27.5	-204.62	-1794.83	-1588.84	2.419e+04	-9.252e+04	-7.447e+04
181	31	-2.250e+04	-6.337e+04	9.80e-03	-176.15	0.0	432.17	-1499.16	-2032.50	1.573e+04	-6.337e+04	-2.250e+04
		-6.724e+04	-1.193e+05	1.10e-03	0.0	13.8	418.39	-1586.94	-2032.50	1.573e+04	-9.133e+04	-4.226e+04
						27.5	404.52	-1675.30	-2032.50	1.573e+04	-1.193e+05	-6.724e+04
181	35	-2.473e+04	-5.182e+04	0.01	-168.78	0.0	-29.08	-1579.77	-1677.41	2.177e+04	-5.182e+04	-2.473e+04
		-7.196e+04	-9.795e+04	8.85e-04	0.0	13.8	-42.29	-1663.93	-1677.41	2.177e+04	-7.488e+04	-4.777e+04
						27.5	-55.57	-1748.55	-1677.41	2.177e+04	-9.795e+04	-7.196e+04
181	36	-2.465e+04	-5.627e+04	0.01	-172.03	0.0	100.69	-1591.91	-1819.41	2.082e+04	-5.627e+04	-2.465e+04
		-7.220e+04	-1.063e+05	9.70e-04	0.0	13.8	87.23	-1677.67	-1819.41	2.082e+04	-8.129e+04	-4.783e+04
						27.5	73.69	-1763.95	-1819.41	2.082e+04	-1.063e+05	-7.220e+04
181	37	-2.269e+04	-5.328e+04	9.59e-03	-168.78	0.0	138.07	-1471.61	-1710.66	1.790e+04	-5.328e+04	-2.269e+04
		-6.671e+04	-1.003e+05	9.02e-04	0.0	13.8	124.86	-1555.77	-1710.66	1.790e+04	-7.681e+04	-4.412e+04
						27.5	111.58	-1640.40	-1710.66	1.790e+04	-1.003e+05	-6.671e+04
182	7	-1.761e+05	-2.586e+05	6.60e-03	-238.44	0.0	3395.82	-3879.32	-328.42	5.966e+04	-2.586e+05	-1.761e+05
		-2.996e+05	-2.675e+05	2.31e-04	0.0	13.8	3377.17	-3998.15	-328.42	5.966e+04	-2.631e+05	-2.371e+05
						27.5	3358.39	-4117.76	-328.42	5.966e+04	-2.675e+05	-2.996e+05
182	9	-1.333e+05	-1.523e+05	4.83e-03	-170.71	0.0	1646.34	-2916.04	-149.26	4.998e+04	-1.523e+05	-1.333e+05
		-2.263e+05	-1.563e+05	1.08e-04	0.0	13.8	1632.98	-3001.17	-149.26	4.998e+04	-1.543e+05	-1.792e+05
						27.5	1619.55	-3086.75	-149.26	4.998e+04	-1.563e+05	-2.263e+05
182	22	-1.905e+05	-2.280e+05	6.94e-03	-231.57	0.0	2568.60	-4178.25	-244.93	7.381e+04	-2.280e+05	-1.905e+05
		-3.237e+05	-2.346e+05	1.90e-04	0.0	13.8	2550.48	-4293.68	-244.93	7.381e+04	-2.313e+05	-2.563e+05

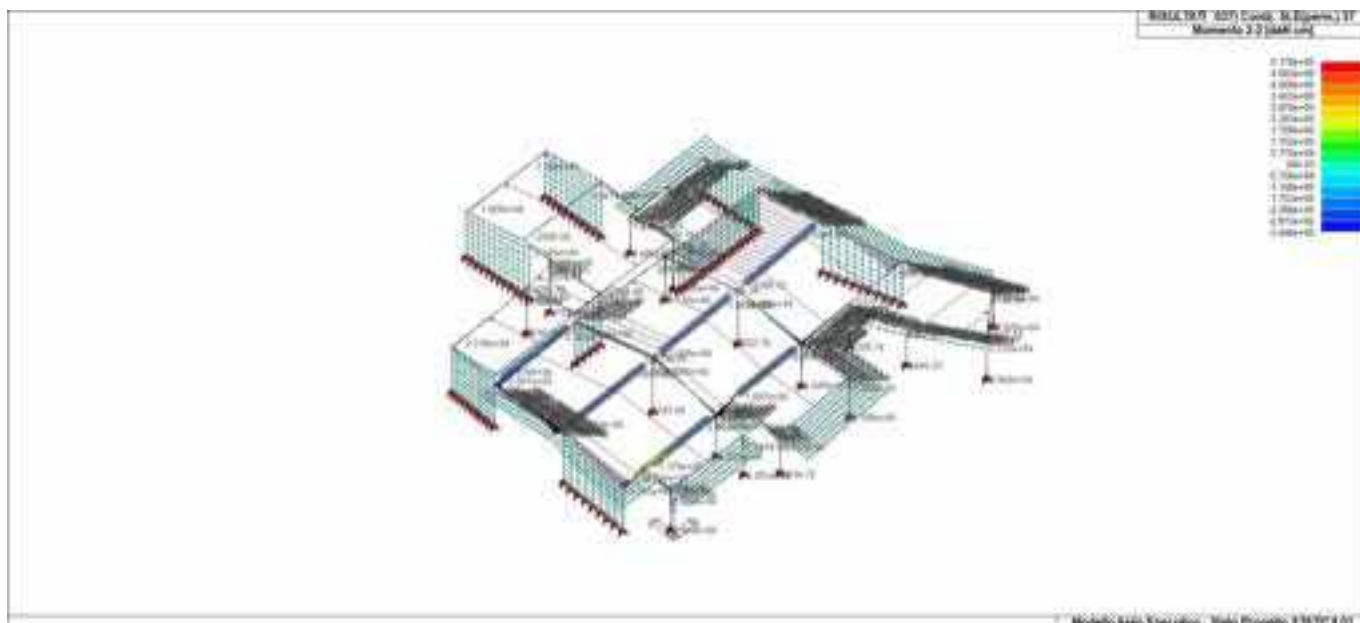
						27.5	2532.25	-4409.82	-244.93	7.381e+04	-2.346e+05	-3.237e+05
182	23	-1.488e+05 -1.469e+05 -2.526e+05 -1.502e+05	5.30e-03 1.05e-04	-170.71 0.0		0.0	1341.65	-3251.78	-121.72	6.191e+04	-1.469e+05	-1.488e+05
						13.8	1328.29	-3336.91	-121.72	6.191e+04	-1.485e+05	-2.001e+05
						27.5	1314.85	-3422.49	-121.72	6.191e+04	-1.502e+05	-2.526e+05
182	25	-1.336e+05 -1.590e+05 -2.269e+05 -1.634e+05	4.87e-03 1.18e-04	-172.54 0.0		0.0	1785.68	-2925.86	-164.18	4.939e+04	-1.590e+05	-1.336e+05
						13.8	1772.18	-3011.89	-164.18	4.939e+04	-1.612e+05	-1.796e+05
						27.5	1758.60	-3098.40	-164.18	4.939e+04	-1.634e+05	-2.269e+05
182	31	-1.350e+05 -1.891e+05 -2.296e+05 -1.954e+05	5.03e-03 1.62e-04	-180.75 0.0		0.0	2409.08	-2969.78	-230.89	4.675e+04	-1.891e+05	-1.350e+05
						13.8	2394.94	-3059.87	-230.89	4.675e+04	-1.923e+05	-1.817e+05
						27.5	2380.71	-3150.53	-230.89	4.675e+04	-1.954e+05	-2.296e+05
182	35	-1.440e+05 -1.555e+05 -2.444e+05 -1.593e+05	5.18e-03 1.16e-04	-172.54 0.0		0.0	1582.55	-3149.68	-145.82	5.734e+04	-1.555e+05	-1.440e+05
						13.8	1569.05	-3235.72	-145.82	5.734e+04	-1.574e+05	-1.936e+05
						27.5	1555.47	-3322.23	-145.82	5.734e+04	-1.593e+05	-2.444e+05
182	36	-1.446e+05 -1.687e+05 -2.456e+05 -1.734e+05	5.25e-03 1.36e-04	-176.16 0.0		0.0	1857.60	-3169.07	-175.23	5.618e+04	-1.687e+05	-1.446e+05
						13.8	1843.81	-3256.89	-175.23	5.618e+04	-1.711e+05	-1.945e+05
						27.5	1829.95	-3345.23	-175.23	5.618e+04	-1.734e+05	-2.456e+05
182	37	-1.336e+05 -1.590e+05 -2.269e+05 -1.634e+05	4.87e-03 1.18e-04	-172.54 0.0		0.0	1785.68	-2925.86	-164.18	4.939e+04	-1.590e+05	-1.336e+05
						13.8	1772.18	-3011.89	-164.18	4.939e+04	-1.612e+05	-1.796e+05
						27.5	1758.60	-3098.40	-164.18	4.939e+04	-1.634e+05	-2.269e+05
183	7	-3.436e+04 -1.752e+04 -2.068e+05 -9.380e+04	-0.14 2.20e-03	-217.99 0.0		0.0	-973.38	3975.00	-1710.27	-1.176e+04	-1.752e+04	-2.068e+05
						22.3	-961.10	3866.17	-1710.27	-1.176e+04	-5.566e+04	-1.194e+05
						44.6	-948.79	3757.01	-1710.27	-1.176e+04	-9.380e+04	-3.436e+04
183	8	-3.716e+04 -1.717e+04 -2.143e+05 -9.362e+04	-0.14 2.19e-03	-217.99 0.0		0.0	-1002.63	4079.69	-1714.06	-1.717e+04	-1.717e+04	-2.143e+05
						22.3	-990.35	3970.85	-1714.06	-1.717e+04	-5.539e+04	-1.245e+05
						44.6	-978.04	3861.70	-1714.06	-1.717e+04	-9.362e+04	-3.716e+04
183	9	-2.486e+04 -1.073e+04 -1.374e+05 -5.673e+04	-0.08 1.32e-03	-167.29 0.0		0.0	-640.90	2605.86	-1031.39	-1.568e+04	-1.073e+04	-1.374e+05
						22.3	-631.47	2522.31	-1031.39	-1.568e+04	-3.373e+04	-8.017e+04
						44.6	-622.03	2438.57	-1031.39	-1.568e+04	-5.673e+04	-2.486e+04
183	23	-3.045e+04 -1.003e+04 -1.523e+05 -5.637e+04	-0.08 1.30e-03	-167.29 0.0		0.0	-699.39	2815.23	-1038.96	-2.650e+04	-1.003e+04	-1.523e+05
						22.3	-689.97	2731.68	-1038.96	-2.650e+04	-3.320e+04	-9.044e+04
						44.6	-680.52	2647.95	-1038.96	-2.650e+04	-5.637e+04	-3.045e+04
183	25	-2.508e+04 -1.112e+04 -1.405e+05 -5.895e+04	-0.09 1.38e-03	-167.34 0.0		0.0	-656.50	2671.04	-1072.40	-1.472e+04	-1.112e+04	-1.405e+05
						22.3	-647.07	2587.47	-1072.40	-1.472e+04	-3.504e+04	-8.185e+04
						44.6	-637.62	2503.70	-1072.40	-1.472e+04	-5.895e+04	-2.508e+04
183	31	-2.610e+04 -1.290e+04 -1.545e+05 -6.891e+04	-0.10 1.61e-03	-167.60 0.0		0.0	-726.06	2962.68	-1255.83	-1.044e+04	-1.290e+04	-1.545e+05
						22.3	-716.62	2879.00	-1255.83	-1.044e+04	-4.090e+04	-8.937e+04
						44.6	-707.15	2795.08	-1255.83	-1.044e+04	-6.891e+04	-2.610e+04
183	32	-2.796e+04 -1.266e+04 -1.595e+05 -6.879e+04	-0.10 1.61e-03	-167.60 0.0		0.0	-745.55	3032.47	-1258.35	-1.405e+04	-1.266e+04	-1.595e+05
						22.3	-736.11	2948.79	-1258.35	-1.405e+04	-4.073e+04	-9.279e+04
						44.6	-726.65	2864.87	-1258.35	-1.405e+04	-6.879e+04	-2.796e+04
183	35	-2.881e+04 -1.066e+04 -1.504e+05 -5.871e+04	-0.09 1.36e-03	-167.34 0.0		0.0	-695.49	2810.63	-1077.45	-2.193e+04	-1.066e+04	-1.504e+05
						22.3	-686.06	2727.05	-1077.45	-2.193e+04	-3.469e+04	-8.870e+04
						44.6	-676.61	2643.28	-1077.45	-2.193e+04	-5.871e+04	-2.881e+04
183	37	-2.508e+04 -1.112e+04 -1.405e+05 -5.895e+04	-0.09 1.38e-03	-167.34 0.0		0.0	-656.50	2671.04	-1072.40	-1.472e+04	-1.112e+04	-1.405e+05
						22.3	-647.07	2587.47	-1072.40	-1.472e+04	-3.504e+04	-8.185e+04
						44.6	-637.62	2503.70	-1072.40	-1.472e+04	-5.895e+04	-2.508e+04
184	7	1.204e+05 4.820e+05 -3.850e+05 -2.157e+05	-0.58 -0.09	-3272.46 0.0		0.0	1422.53	4234.75	3837.97	-1.400e+05	-2.157e+05	-3.850e+05
						90.9	1422.53	2830.83	3837.97	-1.400e+05	1.332e+05	-5.196e+04
						181.8	1422.53	962.29	3837.97	-1.400e+05	4.820e+05	1.204e+05
184	8	1.194e+05 4.815e+05 -3.861e+05 -2.166e+05	-0.57 -0.09	-3272.46 0.0		0.0	1417.37	4235.33	3840.49	-1.400e+05	-2.166e+05	-3.861e+05
						90.9	1417.37	2831.41	3840.49	-1.400e+05	1.324e+05	-5.301e+04
						181.8	1417.37	962.87	3840.49	-1.400e+05	4.815e+05	1.194e+05
184	23	7.018e+04 2.887e+05 -2.374e+05 -1.332e+05	-0.34 -0.05	-2026.86 0.0		0.0	833.64	2603.07	2320.51	-8.512e+04	-1.332e+05	-2.374e+05
						90.9	833.64	1720.60	2320.51	-8.512e+04	7.774e+04	-3.420e+04
						181.8	833.64	576.22	2320.51	-8.512e+04	2.887e+05	7.018e+04
184	31	8.832e+04 3.537e+05 -2.834e+05 -1.586e+05	-0.42 -0.07	-2414.13 0.0		0.0	1041.62	3119.63	2818.38	-1.029e+05	-1.586e+05	-2.834e+05
						90.9	1041.62	2081.23	2818.38	-1.029e+05	9.755e+04	-3.832e+04
						181.8	1041.62	705.51	2818.38	-1.029e+05	3.537e+05	8.832e+04
184	32	8.766e+04 3.534e+05 -2.841e+05 -1.593e+05	-0.42 -0.07	-2414.13 0.0		0.0	1038.18	3120.02	2820.06	-1.029e+05	-1.593e+05	-2.841e+05
						90.9	1038.18	2081.61	2820.06	-1.029e+05	9.706e+04	-3.902e+04
						181.8	1038.18	705.89	2820.06	-1.029e+05	3.534e+05	8.766e+04
184	35	7.379e+04 3.007e+05 -2.455e+05 -1.375e+05	-0.36 -0.06	-2097.65 0.0		0.0	873.19	2697.29	2410.70	-8.837e+04	-1.375e+05	-2.455e+05
						90.9	873.19	1786.31	2410.70	-8.837e+04	8.158e+04	-3.464e+04
						181.8	873.19	599.63	2410.70	-8.837e+04	3.007e+05	7.379e+04
184	37	7.511e+04 3.014e+05 -2.440e+05 -1.363e+05	-0.36 -0.06	-2097.65 0.0		0.0	880.07	2696.52	2407.35	-8.838e+04	-1.363e+05	-2.440e+05
						90.9	880.07	1785.54	2407.35	-8.838e+04	8.255e+04	-3.325e+04
						181.8	880.07	598.86	2407.35	-8.838e+04	3.014e+05	7.511e+04
Trave	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3		N	V 2	V 3	T			
	-1.673e+06	-5.553e+05	-0.95	-2.668e+04		-1.751e+04	-1.411e+04	-6216.75	-3.062e+05			
	1.288e+06	8.414e+05	0.54	0.0		1.216e+04	1.329e+04	4792.88	4.090e+05			



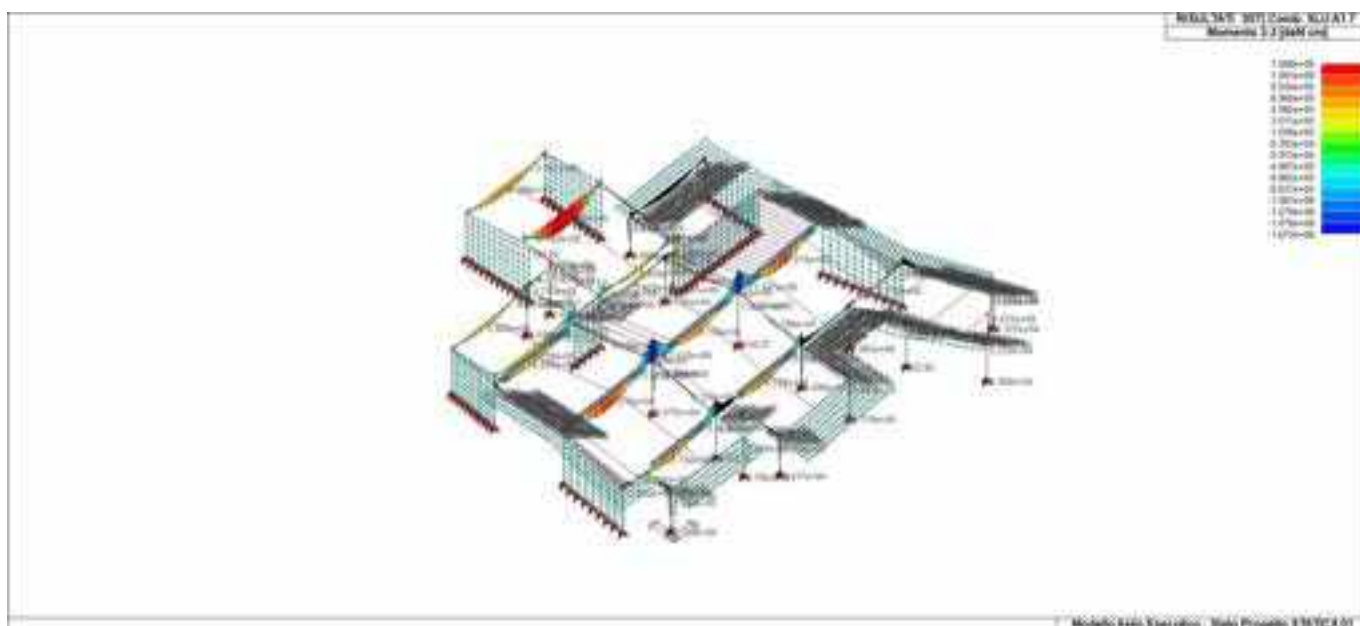
43_RIS_M2_007_Comb SLU A1 7



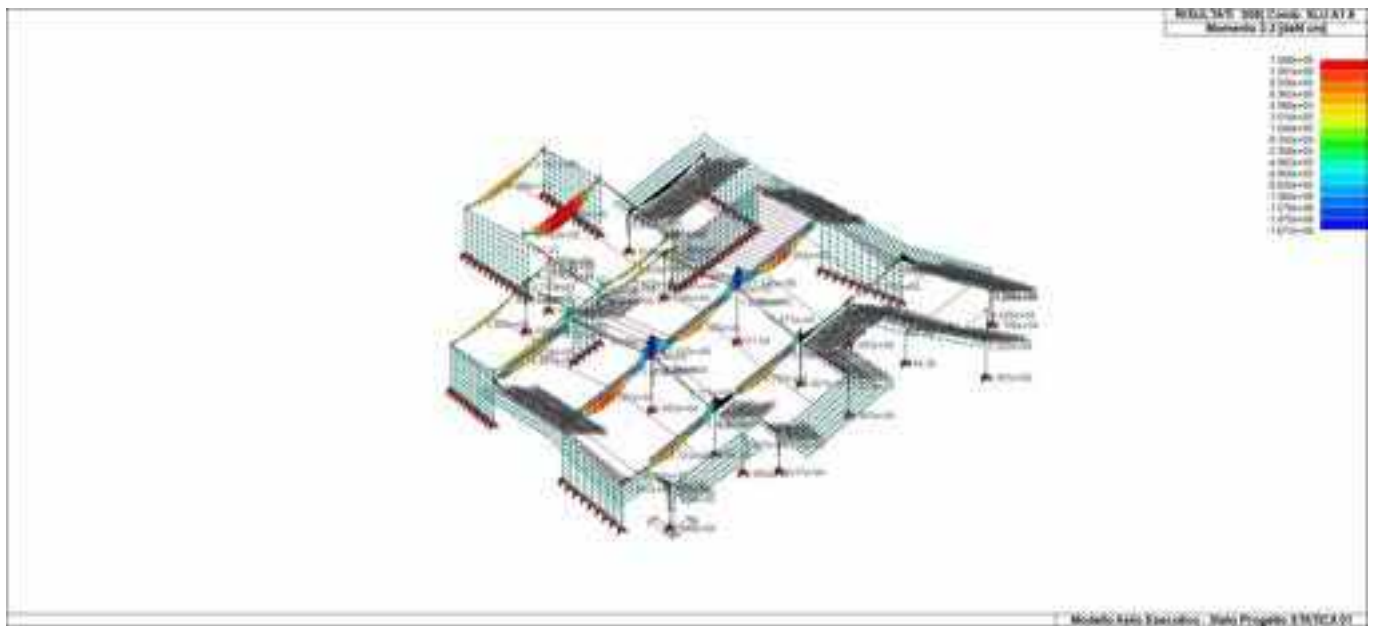
43_RIS_M2_031_Comb SLERara 31



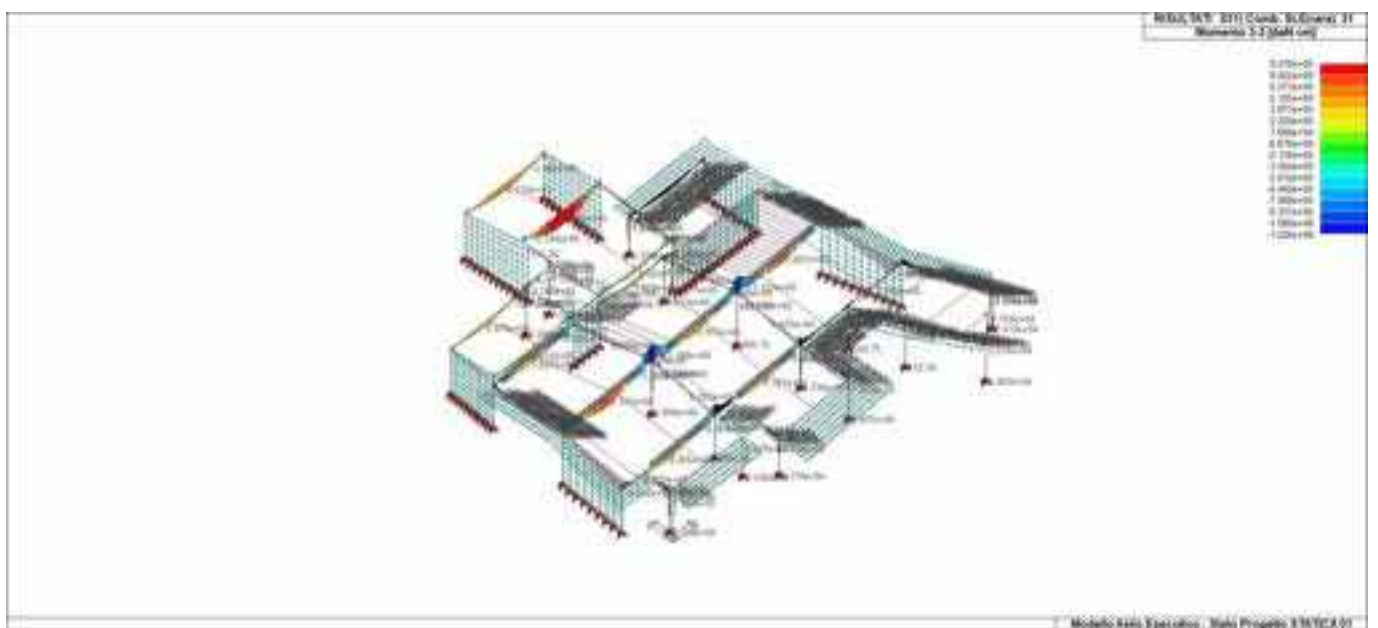
43_RIS_M2_037_Comb SLEperm 37



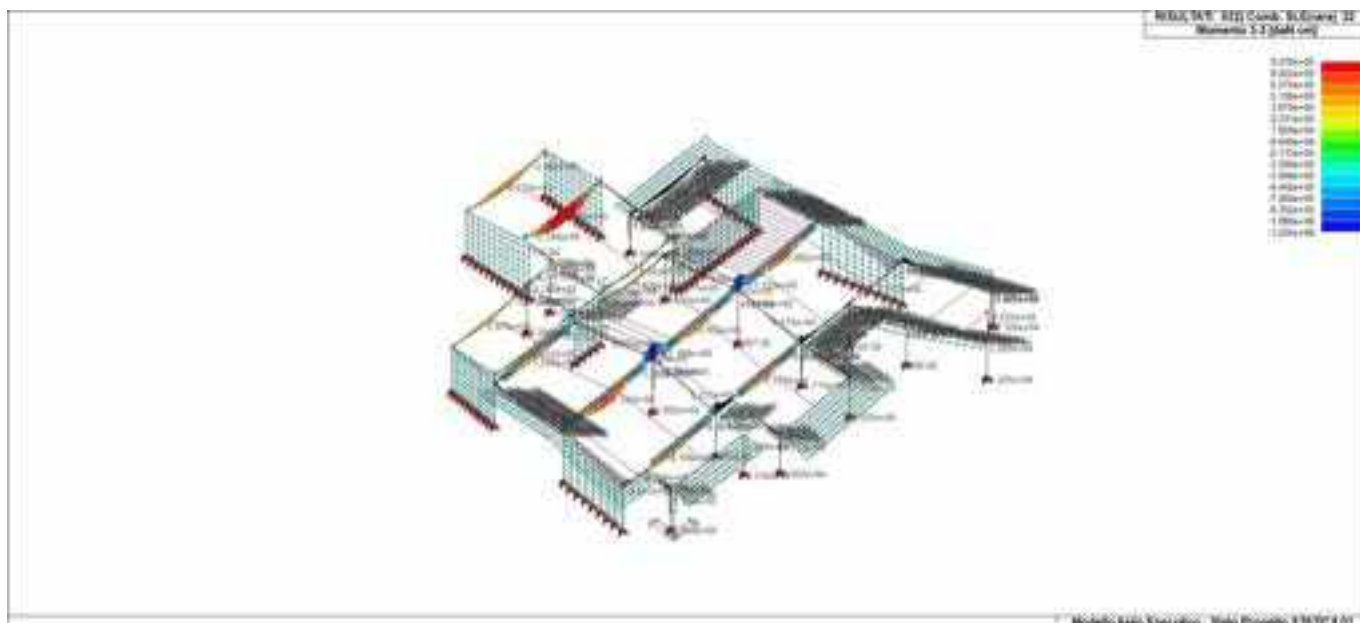
43_RIS_M3_007_Comb SLU A1 7



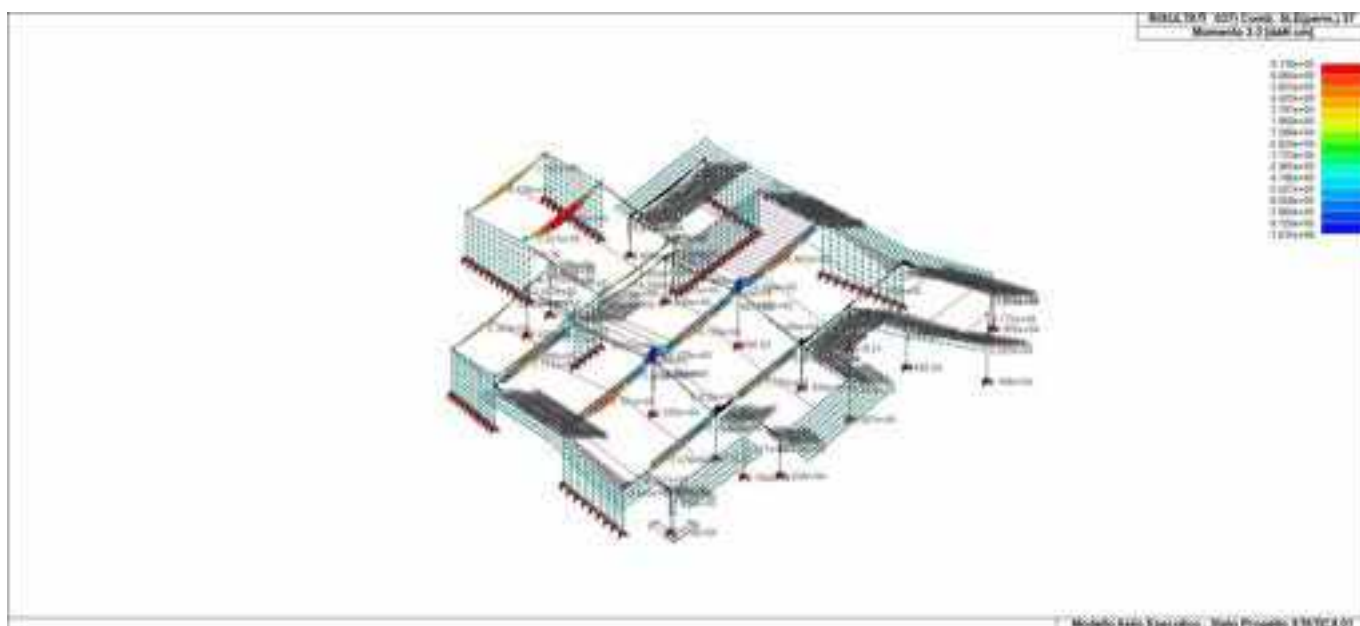
43_RIS_M3_008_Comb SLU A1 8



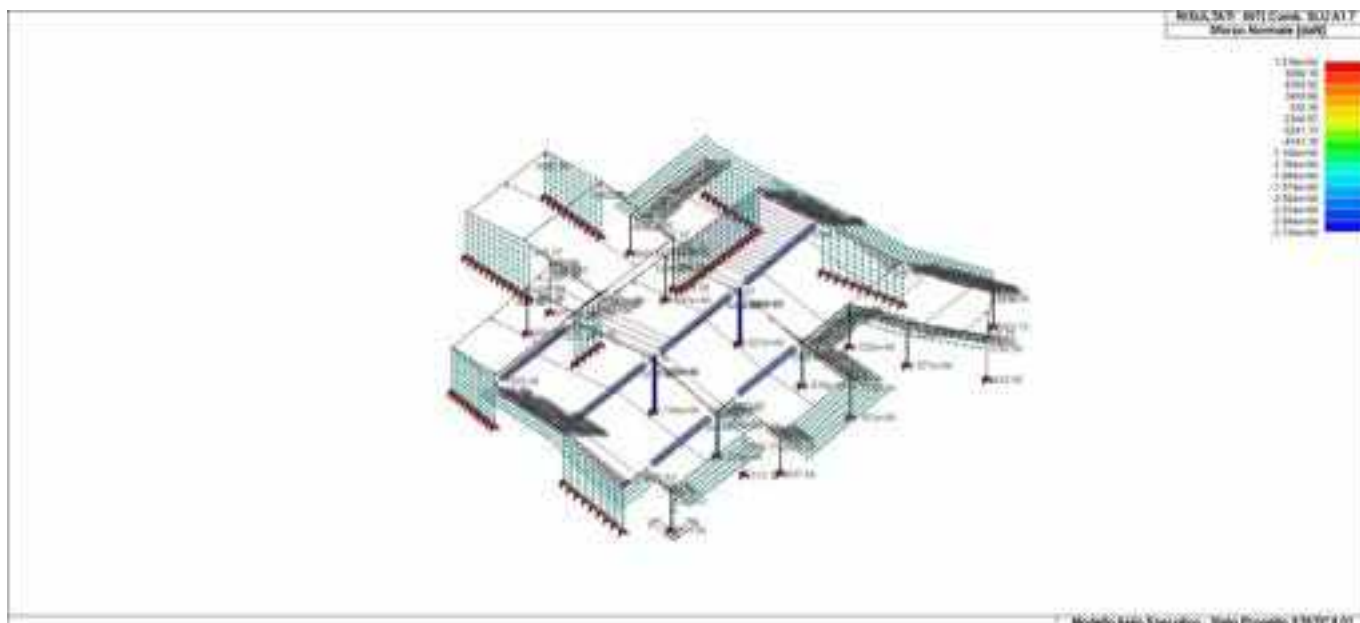
43_RIS_M3_031_Comb SLERara 31



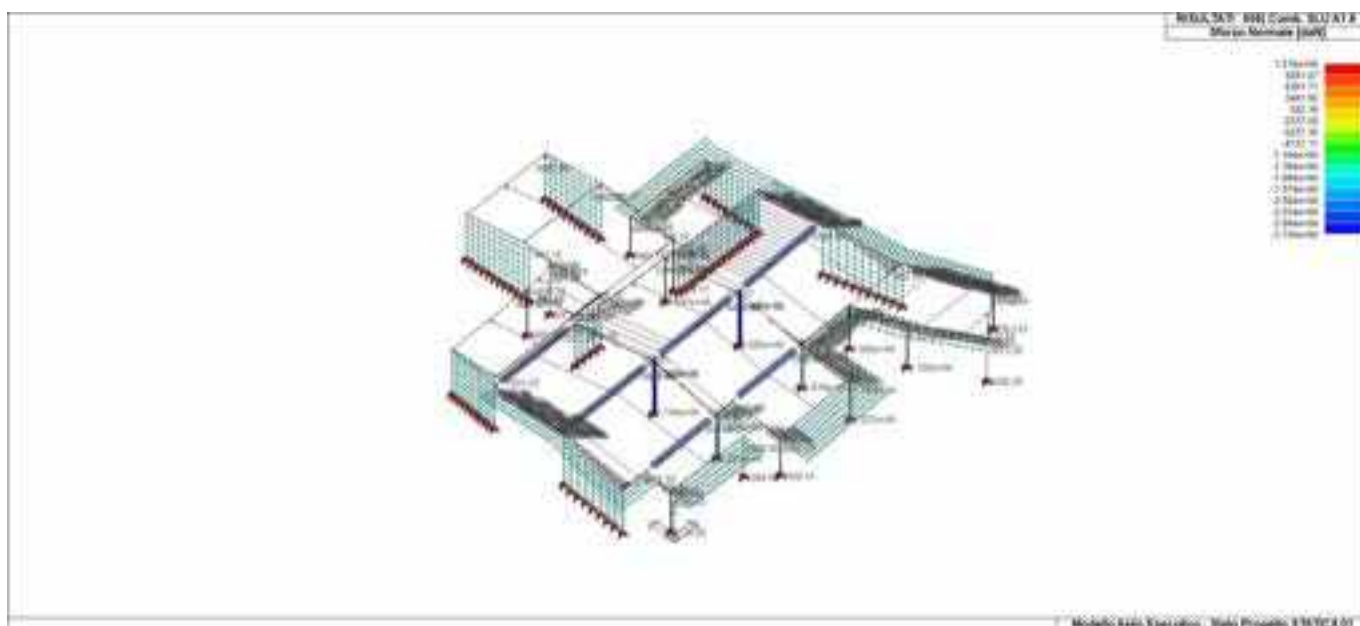
43_RIS_M3_032_Comb SLErara 32



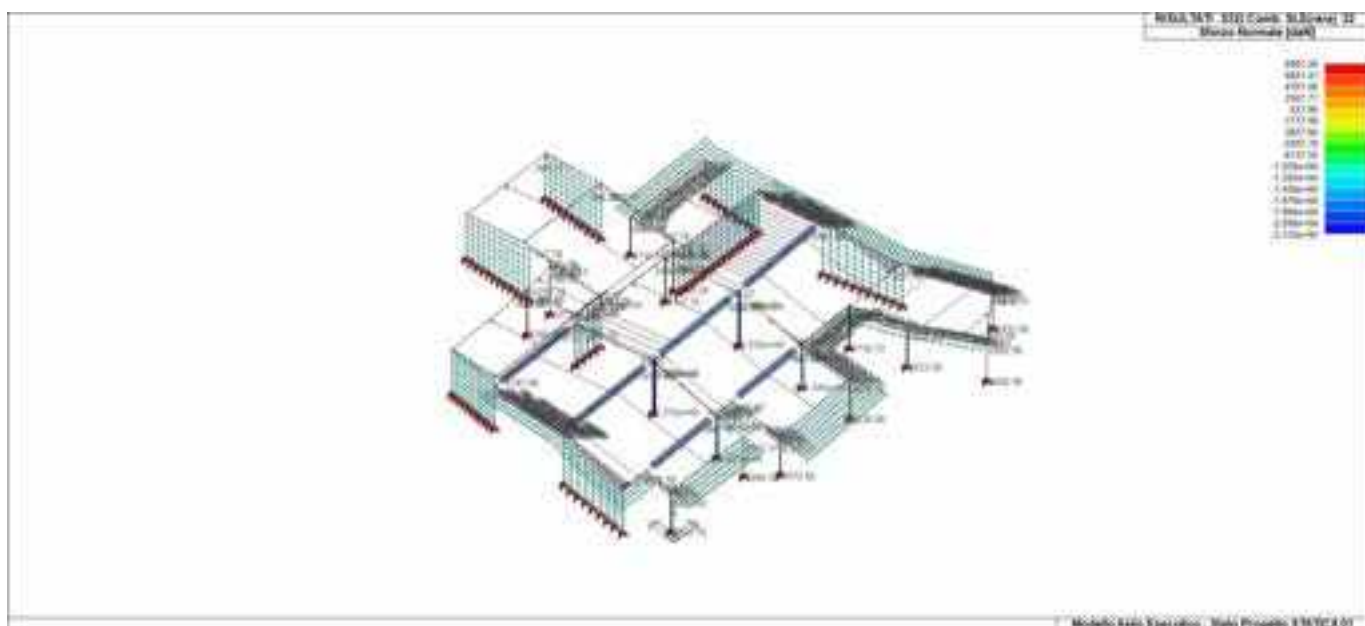
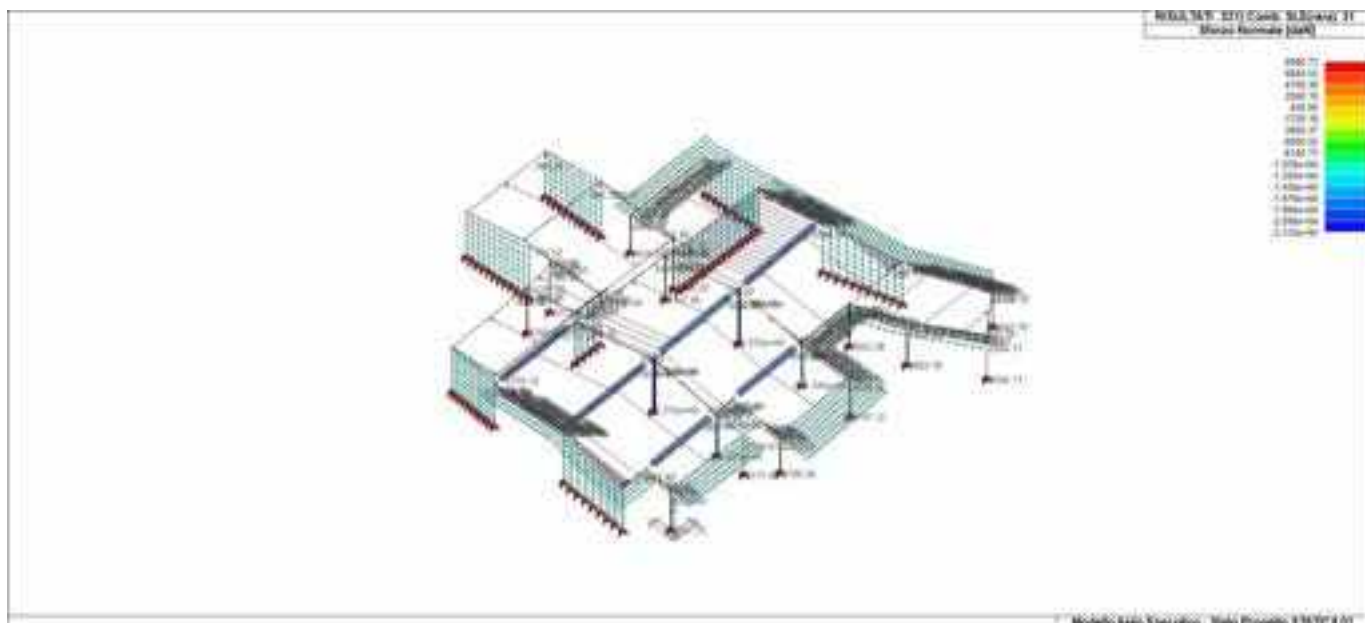
43_RIS_M3_037_Comb SLEperm 37

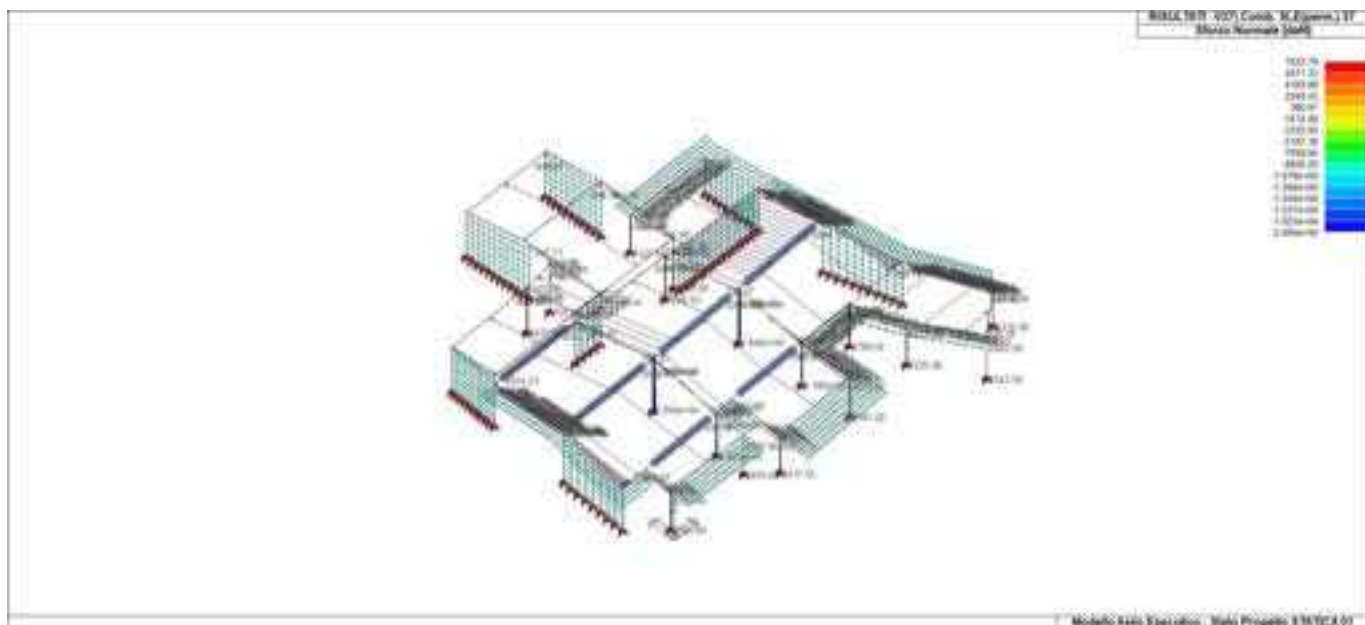


43_RIS_N_007_Comb SLU A1 7



43_RIS_N_008_Comb SLU A1 8





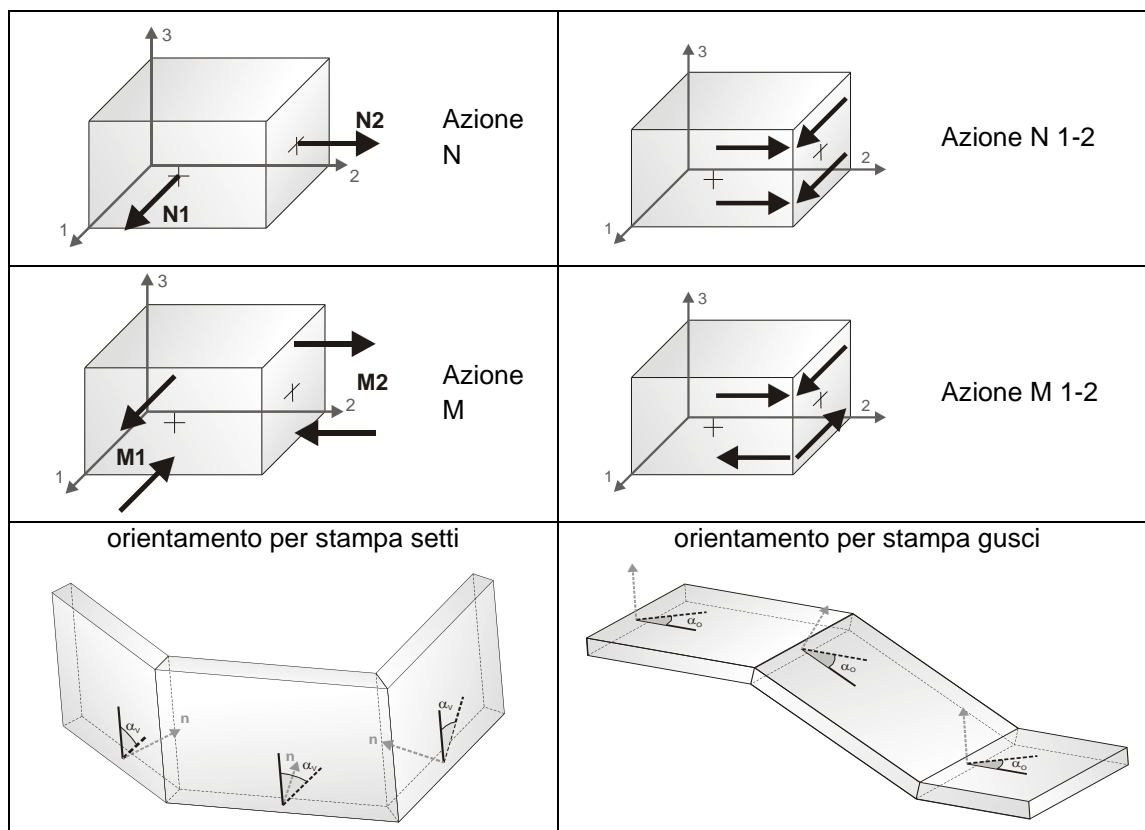
43_RIS_N_037_Comb SLEperm 37

RISULTATI ELEMENTI TIPO SHELL

LEGENDA RISULTATI ELEMENTI TIPO SHELL

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

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



In particolare vengono riportati in ogni nodo di un elemento per ogni combinazione:

tensione di Von Mises		(valore riassuntivo del complessivo stato di sollecitazione)
N max		sforzo membranale principale massimo
N min		sforzo membranale principale minimo
M max		sforzo flessionale principale massimo
M min		sforzo flessionale principale minimo
N1	N2	sforzi membranali e flessionali in direzione locale 1 e 2 dell'elemento (lo sforzo 2-1 è uguale allo sforzo 1-2 per la reciprocità delle tensioni tangenziali)
N1-2	M1	
M2	M1-2	

I suddetti risultati possono a scelta del progettista essere preceduti o sostituiti da valori di sollecitazione non più riferiti al sistema locale dell'elemento ma al sistema globale.

In questo caso gli elementi vengono raggruppati in gruppi (M_S: macro gusci o macro setti, raggruppati per materiale, spessore, e posizione fisica) per la valutazione dei valori mediati ai nodi appartenenti agli elementi dei gruppi stessi. I valori di sollecitazione sono, in questo caso, riferiti ad una terna specifica del gruppo ruotata di α_o attorno all'asse Z per i gusci e ruotata di α_v attorno alla normale (che per definizione è orizzontale) al piano del setto.

Per i setti, in particolare, se α_v è zero, l'asse '1-1' rappresenta la verticale e l'asse '2-2' l'orizzontale contenuta nel setto.

Le azioni sui setti possono essere espresse anche con formato macro, cioè riferite all'intero macroelemento.

In particolare vengono riportati per ogni quota Z dei nodi e per ogni combinazione i seguenti valori:

N memb.	Azione membranale complessiva agente sulla parete in direzione Z
V memb.	Azione complessiva di taglio agente nel piano del macroelemento
V orto	Azione complessiva di taglio agente in direzione perpendicolare al macroelemento
M memb.	Azione flessionale complessiva agente nel piano del macroelemento
M orto	Azione flessionale complessiva agente in direzione perpendicolare al macroelemento
T	Azione torsionale complessiva agente nel piano orizzontale

Macro	Tipo	Angolo 1-Z (gradi)
1	Setto	0.0

M_S	Cmb	Z cm	N memb. daN	V memb. daN	V orto daN	M memb. daN cm	M orto daN cm	T daN cm
1	8	0.0	-2.195e+04	-611.25	1560.51	-8.607e+05	-1.498e+05	-7377.80
1	8	35.00	-2.176e+04	-586.99	1560.51	-8.742e+05	-9.396e+04	-4.952e+04
1	8	35.56	-2.166e+04	-604.50	1370.06	-8.590e+05	-9.336e+04	-4.995e+04
1	8	36.12	-2.157e+04	-598.28	1329.36	-8.488e+05	-9.257e+04	-5.079e+04
1	8	36.69	-2.148e+04	-592.17	1334.12	-8.414e+05	-9.169e+04	-5.171e+04
1	8	37.25	-2.140e+04	-586.42	1347.45	-8.371e+05	-9.081e+04	-5.258e+04
1	8	37.81	-2.130e+04	-582.20	1361.35	-8.360e+05	-8.994e+04	-5.337e+04
1	8	38.38	-2.121e+04	-580.40	1374.11	-8.382e+05	-8.906e+04	-5.408e+04
1	8	38.94	-2.111e+04	-581.13	1385.39	-8.440e+05	-8.817e+04	-5.471e+04
1	8	39.50	-2.101e+04	-584.35	1394.79	-8.535e+05	-8.726e+04	-5.529e+04
1	8	40.06	-2.091e+04	-590.79	1397.42	-8.668e+05	-8.634e+04	-5.587e+04
1	8	40.62	-2.080e+04	-593.71	1355.16	-8.853e+05	-8.573e+04	-5.646e+04
1	8	70.00	-2.058e+04	-603.33	1355.16	-9.033e+05	-4.125e+04	-7.665e+04
1	8	71.12	-2.049e+04	-609.99	1310.86	-8.900e+05	-3.972e+04	-7.730e+04
1	8	72.25	-2.040e+04	-612.41	1283.23	-8.798e+05	-3.818e+04	-7.792e+04
1	8	73.38	-2.031e+04	-606.69	1277.82	-8.733e+05	-3.656e+04	-7.846e+04
1	8	74.50	-2.022e+04	-599.29	1279.85	-8.698e+05	-3.490e+04	-7.893e+04
1	8	75.62	-2.012e+04	-594.13	1283.43	-8.694e+05	-3.321e+04	-7.934e+04
1	8	76.75	-2.001e+04	-592.31	1287.34	-8.725e+05	-3.152e+04	-7.968e+04
1	8	77.88	-1.990e+04	-593.26	1291.35	-8.793e+05	-2.982e+04	-7.996e+04
1	8	79.00	-1.979e+04	-595.78	1294.50	-8.898e+05	-2.813e+04	-8.019e+04
1	8	80.12	-1.968e+04	-597.39	1293.54	-9.044e+05	-2.647e+04	-8.037e+04
1	8	81.25	-1.957e+04	-597.40	1287.88	-9.222e+05	-2.483e+04	-8.048e+04
1	8	105.00	-1.936e+04	-620.31	1287.88	-9.418e+05	1.024e+04	-8.289e+04
1	8	106.69	-1.926e+04	-625.73	1293.94	-9.262e+05	1.262e+04	-8.303e+04
1	8	108.38	-1.917e+04	-623.32	1295.90	-9.214e+05	1.504e+04	-8.307e+04
1	8	110.06	-1.908e+04	-611.12	1293.50	-9.168e+05	1.754e+04	-8.301e+04
1	8	111.75	-1.898e+04	-601.04	1287.70	-9.143e+05	2.009e+04	-8.280e+04
1	8	113.44	-1.887e+04	-598.35	1281.01	-9.148e+05	2.266e+04	-8.245e+04
1	8	115.12	-1.875e+04	-601.12	1275.60	-9.190e+05	2.521e+04	-8.198e+04
1	8	116.81	-1.863e+04	-605.97	1272.72	-9.269e+05	2.774e+04	-8.140e+04
1	8	118.50	-1.851e+04	-610.16	1272.61	-9.384e+05	3.024e+04	-8.074e+04
1	8	120.19	-1.839e+04	-612.20	1274.77	-9.537e+05	3.273e+04	-8.000e+04
1	8	121.88	-1.827e+04	-613.66	1279.70	-9.726e+05	3.520e+04	-7.921e+04
1	8	140.00	-1.807e+04	-639.41	1279.70	-9.915e+05	6.180e+04	-7.079e+04
1	8	142.25	-1.796e+04	-650.23	1337.58	-9.798e+05	6.498e+04	-6.978e+04
1	8	144.50	-1.790e+04	-630.98	1367.78	-9.778e+05	6.839e+04	-6.860e+04
1	8	146.75	-1.780e+04	-602.96	1365.45	-9.749e+05	7.197e+04	-6.721e+04
1	8	149.00	-1.767e+04	-596.69	1348.58	-9.729e+05	7.558e+04	-6.552e+04
1	8	151.25	-1.754e+04	-607.01	1329.47	-9.744e+05	7.913e+04	-6.357e+04
1	8	153.50	-1.741e+04	-621.99	1313.75	-9.797e+05	8.261e+04	-6.144e+04
1	8	155.75	-1.728e+04	-635.21	1304.18	-9.886e+05	8.602e+04	-5.918e+04
1	8	158.00	-1.715e+04	-643.63	1302.27	-1.001e+06	8.938e+04	-5.685e+04
1	8	160.25	-1.702e+04	-646.01	1308.18	-1.017e+06	9.270e+04	-5.444e+04
1	8	162.50	-1.689e+04	-646.18	1321.05	-1.037e+06	9.602e+04	-5.199e+04
1	8	175.00	-1.673e+04	-660.61	1321.05	-1.053e+06	1.145e+05	-3.839e+04
1	8	177.81	-1.664e+04	-684.03	1488.34	-1.048e+06	1.184e+05	-3.543e+04
1	8	180.62	-1.661e+04	-597.03	1533.30	-1.055e+06	1.232e+05	-3.209e+04

1	8	183.44	-1.646e+04	-563.30	1507.47	-1.050e+06	1.282e+05	-2.812e+04
1	8	186.25	-1.628e+04	-595.85	1468.74	-1.047e+06	1.330e+05	-2.349e+04
1	8	189.06	-1.613e+04	-636.91	1433.02	-1.050e+06	1.376e+05	-1.853e+04
1	8	191.88	-1.599e+04	-669.47	1405.23	-1.056e+06	1.421e+05	-1.342e+04
1	8	194.69	-1.586e+04	-690.71	1388.22	-1.065e+06	1.463e+05	-8228.33
1	8	197.50	-1.573e+04	-701.21	1385.23	-1.078e+06	1.505e+05	-3001.74
1	8	200.31	-1.560e+04	-698.72	1398.00	-1.094e+06	1.547e+05	2238.06
1	8	203.12	-1.544e+04	-688.36	1420.77	-1.118e+06	1.588e+05	7431.59
1	8	210.00	-1.534e+04	-678.61	1420.77	-1.129e+06	1.690e+05	2.036e+04
1	8	213.38	-1.550e+04	-662.89	1824.70	-1.168e+06	1.737e+05	2.856e+04
1	8	216.75	-1.537e+04	-372.83	1741.85	-1.170e+06	1.819e+05	3.618e+04
1	8	220.12	-1.506e+04	-519.39	1658.35	-1.152e+06	1.885e+05	4.635e+04
1	8	223.50	-1.487e+04	-628.95	1591.67	-1.149e+06	1.943e+05	5.689e+04
1	8	226.88	-1.473e+04	-688.32	1539.08	-1.153e+06	1.998e+05	6.742e+04
1	8	230.25	-1.459e+04	-714.91	1499.22	-1.160e+06	2.049e+05	7.784e+04
1	8	233.62	-1.446e+04	-718.38	1473.31	-1.170e+06	2.099e+05	8.814e+04
1	8	237.00	-1.432e+04	-703.92	1468.21	-1.186e+06	2.147e+05	9.832e+04
1	8	240.38	-1.421e+04	-681.97	1498.36	-1.201e+06	2.194e+05	1.084e+05
1	8	243.75	-1.400e+04	-650.21	1541.15	-1.235e+06	2.238e+05	1.176e+05
1	8	245.00	-1.398e+04	-632.36	1541.15	-1.238e+06	2.257e+05	1.214e+05
1	8	248.94	-1.558e+04	1194.58	598.23	-1.531e+06	2.570e+05	1.643e+05
1	8	252.88	-1.460e+04	-143.08	432.54	-1.406e+06	2.600e+05	1.983e+05
1	8	256.81	-1.439e+04	-329.81	382.83	-1.399e+06	2.644e+05	2.274e+05
1	8	260.75	-1.427e+04	-229.61	350.08	-1.405e+06	2.695e+05	2.525e+05
1	8	264.69	-1.415e+04	-44.72	323.20	-1.414e+06	2.747e+05	2.745e+05
1	8	268.62	-1.403e+04	176.46	299.24	-1.426e+06	2.800e+05	2.940e+05
1	8	272.56	-1.389e+04	420.66	277.39	-1.441e+06	2.852e+05	3.117e+05
1	8	276.50	-1.373e+04	703.49	265.99	-1.464e+06	2.906e+05	3.283e+05
1	8	280.00	-1.346e+04	1027.58	297.24	-1.507e+06	2.951e+05	3.430e+05
1	8	280.44	-9297.19	-730.66	301.09	-7.851e+05	2.545e+05	3.057e+05
1	8	284.38	-2361.25	-5011.22	398.15	3.895e+05	1.242e+05	1.740e+05
1	8	284.50	-3030.09	-4768.45	398.14	2.739e+05	1.274e+05	1.760e+05
1	8	289.00	-3102.37	-3324.74	292.36	2.007e+05	7.491e+04	1.178e+05
1	8	293.50	-2992.52	-2322.14	228.68	1.459e+05	4.753e+04	8.342e+04
1	8	298.00	-2644.14	-1667.70	217.02	1.244e+05	3.289e+04	5.918e+04
1	8	302.50	-2219.13	-1212.56	233.75	1.140e+05	2.608e+04	4.177e+04
1	8	307.00	-1795.06	-892.87	260.58	1.064e+05	2.379e+04	2.947e+04
1	8	311.50	-1431.12	-701.84	281.24	9.732e+04	2.331e+04	2.087e+04
1	8	316.00	-1234.05	-685.88	269.02	8.222e+04	2.194e+04	1.453e+04
1	8	320.50	-1422.59	-893.69	169.47	5.356e+04	1.633e+04	8668.64
1	15	0.0	-1.639e+04	-427.28	1187.78	-6.252e+05	-1.139e+05	-5555.82
1	15	35.00	-1.624e+04	-408.17	1187.78	-6.364e+05	-7.143e+04	-3.739e+04
1	15	35.56	-1.617e+04	-421.01	1044.38	-6.248e+05	-7.097e+04	-3.771e+04
1	15	36.12	-1.610e+04	-416.35	1013.64	-6.169e+05	-7.037e+04	-3.835e+04
1	15	36.69	-1.603e+04	-411.78	1017.18	-6.112e+05	-6.969e+04	-3.904e+04
1	15	37.25	-1.597e+04	-407.48	1027.16	-6.079e+05	-6.903e+04	-3.969e+04
1	15	37.81	-1.590e+04	-404.33	1037.53	-6.070e+05	-6.837e+04	-4.029e+04
1	15	38.38	-1.582e+04	-402.98	1047.00	-6.088e+05	-6.770e+04	-4.082e+04
1	15	38.94	-1.575e+04	-403.52	1055.37	-6.132e+05	-6.702e+04	-4.130e+04
1	15	39.50	-1.567e+04	-405.94	1062.36	-6.205e+05	-6.633e+04	-4.174e+04
1	15	40.06	-1.559e+04	-410.88	1064.22	-6.308e+05	-6.563e+04	-4.219e+04
1	15	40.62	-1.551e+04	-413.28	1031.67	-6.450e+05	-6.517e+04	-4.264e+04
1	15	70.00	-1.535e+04	-420.32	1031.67	-6.596e+05	-3.137e+04	-5.789e+04
1	15	71.12	-1.528e+04	-425.21	998.34	-6.493e+05	-3.020e+04	-5.837e+04
1	15	72.25	-1.520e+04	-426.97	977.49	-6.415e+05	-2.903e+04	-5.885e+04
1	15	73.38	-1.514e+04	-422.73	973.37	-6.365e+05	-2.780e+04	-5.925e+04
1	15	74.50	-1.506e+04	-417.27	974.86	-6.338e+05	-2.653e+04	-5.961e+04
1	15	75.62	-1.499e+04	-413.47	977.55	-6.335e+05	-2.525e+04	-5.992e+04
1	15	76.75	-1.491e+04	-412.16	980.52	-6.359e+05	-2.397e+04	-6.018e+04
1	15	77.88	-1.482e+04	-412.91	983.60	-6.411e+05	-2.268e+04	-6.039e+04
1	15	79.00	-1.474e+04	-414.85	986.05	-6.492e+05	-2.139e+04	-6.057e+04
1	15	80.12	-1.465e+04	-416.09	985.31	-6.605e+05	-2.013e+04	-6.070e+04
1	15	81.25	-1.457e+04	-416.06	980.80	-6.741e+05	-1.889e+04	-6.078e+04
1	15	105.00	-1.441e+04	-432.99	980.80	-6.898e+05	7765.78	-6.259e+04
1	15	106.69	-1.433e+04	-436.94	985.32	-6.796e+05	9569.69	-6.269e+04
1	15	108.38	-1.427e+04	-435.14	986.74	-6.740e+05	1.141e+04	-6.272e+04
1	15	110.06	-1.420e+04	-426.17	984.88	-6.704e+05	1.331e+04	-6.267e+04
1	15	111.75	-1.412e+04	-418.80	980.51	-6.685e+05	1.525e+04	-6.252e+04
1	15	113.44	-1.403e+04	-416.90	975.54	-6.690e+05	1.720e+04	-6.225e+04
1	15	115.12	-1.394e+04	-419.03	971.63	-6.722e+05	1.913e+04	-6.189e+04
1	15	116.81	-1.385e+04	-422.71	969.76	-6.782e+05	2.106e+04	-6.145e+04
1	15	118.50	-1.376e+04	-425.88	970.05	-6.871e+05	2.296e+04	-6.095e+04
1	15	120.19	-1.367e+04	-427.40	971.97	-6.989e+05	2.485e+04	-6.040e+04
1	15	121.88	-1.358e+04	-428.44	975.62	-7.134e+05	2.673e+04	-5.980e+04
1	15	140.00	-1.343e+04	-447.28	975.62	-7.283e+05	4.696e+04	-5.341e+04
1	15	142.25	-1.334e+04	-455.16	1019.08	-7.194e+05	4.938e+04	-5.264e+04
1	15	144.50	-1.329e+04	-440.96	1041.72	-7.177e+05	5.197e+04	-5.175e+04

1	15	146.75	-1.322e+04	-420.43	1039.89	-7.154e+05	5.469e+04	-5.069e+04
1	15	149.00	-1.312e+04	-415.97	1027.18	-7.139e+05	5.743e+04	-4.941e+04
1	15	151.25	-1.301e+04	-423.76	1012.91	-7.151e+05	6.013e+04	-4.794e+04
1	15	153.50	-1.291e+04	-434.99	1001.38	-7.192e+05	6.277e+04	-4.633e+04
1	15	155.75	-1.282e+04	-444.91	994.73	-7.260e+05	6.537e+04	-4.463e+04
1	15	158.00	-1.272e+04	-451.26	994.15	-7.355e+05	6.792e+04	-4.286e+04
1	15	160.25	-1.262e+04	-453.06	999.53	-7.478e+05	7.045e+04	-4.105e+04
1	15	162.50	-1.252e+04	-453.08	1009.48	-7.636e+05	7.298e+04	-3.919e+04
1	15	175.00	-1.240e+04	-463.27	1009.48	-7.760e+05	8.704e+04	-2.889e+04
1	15	177.81	-1.233e+04	-480.25	1135.17	-7.720e+05	9.001e+04	-2.664e+04
1	15	180.62	-1.231e+04	-416.31	1168.93	-7.771e+05	9.368e+04	-2.411e+04
1	15	183.44	-1.219e+04	-391.74	1149.34	-7.732e+05	9.751e+04	-2.111e+04
1	15	186.25	-1.206e+04	-415.96	1120.12	-7.711e+05	1.012e+05	-1.761e+04
1	15	189.06	-1.194e+04	-446.50	1093.35	-7.729e+05	1.047e+05	-1.387e+04
1	15	191.88	-1.183e+04	-470.80	1072.79	-7.776e+05	1.080e+05	-1.001e+04
1	15	194.69	-1.173e+04	-486.76	1060.75	-7.850e+05	1.113e+05	-6086.40
1	15	197.50	-1.163e+04	-494.76	1060.06	-7.950e+05	1.145e+05	-2141.04
1	15	200.31	-1.153e+04	-493.07	1072.22	-8.073e+05	1.177e+05	1814.39
1	15	203.12	-1.142e+04	-485.22	1091.09	-8.256e+05	1.208e+05	5738.19
1	15	210.00	-1.134e+04	-477.40	1091.09	-8.343e+05	1.286e+05	1.553e+04
1	15	213.38	-1.145e+04	-465.39	1395.43	-8.629e+05	1.322e+05	2.172e+04
1	15	216.75	-1.135e+04	-252.77	1333.25	-8.638e+05	1.385e+05	2.749e+04
1	15	220.12	-1.112e+04	-360.78	1269.88	-8.509e+05	1.435e+05	3.517e+04
1	15	223.50	-1.098e+04	-441.68	1219.54	-8.491e+05	1.480e+05	4.312e+04
1	15	226.88	-1.086e+04	-485.77	1180.05	-8.518e+05	1.521e+05	5.107e+04
1	15	230.25	-1.076e+04	-505.82	1150.28	-8.573e+05	1.561e+05	5.893e+04
1	15	233.62	-1.066e+04	-508.84	1131.36	-8.655e+05	1.599e+05	6.670e+04
1	15	237.00	-1.055e+04	-498.55	1129.42	-8.774e+05	1.636e+05	7.439e+04
1	15	240.38	-1.047e+04	-482.90	1157.99	-8.891e+05	1.672e+05	8.196e+04
1	15	243.75	-1.031e+04	-459.29	1200.08	-9.155e+05	1.706e+05	8.894e+04
1	15	245.00	-1.029e+04	-445.97	1200.08	-9.179e+05	1.721e+05	9.177e+04
1	15	248.94	-1.146e+04	891.07	506.75	-1.132e+06	1.957e+05	1.240e+05
1	15	252.88	-1.074e+04	-90.97	379.01	-1.040e+06	1.981e+05	1.497e+05
1	15	256.81	-1.057e+04	-228.06	340.35	-1.035e+06	2.016e+05	1.715e+05
1	15	260.75	-1.049e+04	-154.70	315.44	-1.040e+06	2.056e+05	1.904e+05
1	15	264.69	-1.039e+04	-19.17	295.08	-1.047e+06	2.097e+05	2.069e+05
1	15	268.62	-1.030e+04	142.94	276.70	-1.056e+06	2.138e+05	2.216e+05
1	15	272.56	-1.019e+04	321.81	259.55	-1.068e+06	2.179e+05	2.350e+05
1	15	276.50	-1.007e+04	529.16	250.48	-1.086e+06	2.221e+05	2.475e+05
1	15	280.00	-9862.94	769.02	278.02	-1.118e+06	2.257e+05	2.586e+05
1	15	280.44	-6805.29	-516.71	279.72	-5.882e+05	1.952e+05	2.307e+05
1	15	284.38	-1677.74	-3653.09	375.86	2.769e+05	9.661e+04	1.320e+05
1	15	284.50	-2167.66	-3475.18	375.36	1.922e+05	9.903e+04	1.335e+05
1	15	289.00	-2207.47	-2404.59	297.56	1.413e+05	5.992e+04	8.968e+04
1	15	293.50	-2122.93	-1660.30	250.27	1.026e+05	3.965e+04	6.381e+04
1	15	298.00	-1867.20	-1173.29	240.48	8.773e+04	2.885e+04	4.557e+04
1	15	302.50	-1556.95	-834.70	251.21	8.091e+04	2.382e+04	3.242e+04
1	15	307.00	-1247.93	-598.40	269.09	7.611e+04	2.208e+04	2.308e+04
1	15	311.50	-983.07	-460.79	281.65	7.032e+04	2.158e+04	1.650e+04
1	15	316.00	-841.83	-458.49	267.08	6.011e+04	2.017e+04	1.156e+04
1	15	320.50	-993.19	-631.73	177.41	3.972e+04	1.500e+04	6938.73
1	22	0.0	-2.193e+04	-764.54	1448.33	-8.971e+05	-1.393e+05	-7006.82
1	22	35.00	-2.174e+04	-741.77	1448.33	-9.033e+05	-8.733e+04	-4.680e+04
1	22	35.56	-2.164e+04	-759.07	1267.36	-8.880e+05	-8.678e+04	-4.720e+04
1	22	36.12	-2.156e+04	-753.03	1228.93	-8.778e+05	-8.604e+04	-4.800e+04
1	22	36.69	-2.147e+04	-747.19	1233.59	-8.703e+05	-8.522e+04	-4.887e+04
1	22	37.25	-2.138e+04	-741.69	1246.43	-8.659e+05	-8.441e+04	-4.969e+04
1	22	37.81	-2.129e+04	-737.69	1259.90	-8.646e+05	-8.360e+04	-5.043e+04
1	22	38.38	-2.119e+04	-736.05	1272.37	-8.667e+05	-8.278e+04	-5.110e+04
1	22	38.94	-2.110e+04	-736.87	1283.44	-8.724e+05	-8.195e+04	-5.169e+04
1	22	39.50	-2.100e+04	-740.04	1292.62	-8.818e+05	-8.110e+04	-5.223e+04
1	22	40.06	-2.089e+04	-746.11	1295.36	-8.951e+05	-8.025e+04	-5.278e+04
1	22	40.62	-2.078e+04	-748.65	1256.68	-9.133e+05	-7.968e+04	-5.333e+04
1	22	70.00	-2.058e+04	-757.90	1256.68	-9.248e+05	-3.827e+04	-7.238e+04
1	22	71.12	-2.049e+04	-764.68	1214.51	-9.113e+05	-3.685e+04	-7.299e+04
1	22	72.25	-2.040e+04	-767.15	1188.40	-9.008e+05	-3.541e+04	-7.358e+04
1	22	73.38	-2.031e+04	-761.52	1183.40	-8.941e+05	-3.391e+04	-7.408e+04
1	22	74.50	-2.021e+04	-754.22	1185.41	-8.903e+05	-3.236e+04	-7.453e+04
1	22	75.62	-2.011e+04	-749.11	1188.86	-8.897e+05	-3.079e+04	-7.491e+04
1	22	76.75	-2.001e+04	-747.29	1192.51	-8.925e+05	-2.921e+04	-7.523e+04
1	22	77.88	-1.990e+04	-748.12	1196.13	-8.990e+05	-2.763e+04	-7.549e+04
1	22	79.00	-1.979e+04	-750.40	1198.87	-9.093e+05	-2.605e+04	-7.571e+04
1	22	80.12	-1.968e+04	-751.79	1197.98	-9.237e+05	-2.450e+04	-7.587e+04
1	22	81.25	-1.957e+04	-751.80	1193.31	-9.412e+05	-2.298e+04	-7.598e+04
1	22	105.00	-1.937e+04	-774.56	1193.31	-9.552e+05	9685.78	-7.829e+04
1	22	106.69	-1.927e+04	-780.04	1199.22	-9.415e+05	1.189e+04	-7.843e+04
1	22	108.38	-1.919e+04	-777.77	1201.27	-9.340e+05	1.415e+04	-7.847e+04

1	22	110.06	-1.910e+04	-765.61	1199.12	-9.290e+05	1.648e+04	-7.841e+04
1	22	111.75	-1.899e+04	-755.45	1193.63	-9.260e+05	1.885e+04	-7.822e+04
1	22	113.44	-1.888e+04	-752.57	1187.09	-9.262e+05	2.124e+04	-7.788e+04
1	22	115.12	-1.876e+04	-755.04	1181.49	-9.300e+05	2.362e+04	-7.743e+04
1	22	116.81	-1.865e+04	-759.53	1177.95	-9.375e+05	2.598e+04	-7.688e+04
1	22	118.50	-1.853e+04	-763.35	1176.78	-9.486e+05	2.831e+04	-7.626e+04
1	22	120.19	-1.841e+04	-765.17	1178.01	-9.634e+05	3.063e+04	-7.557e+04
1	22	121.88	-1.829e+04	-766.66	1182.92	-9.819e+05	3.292e+04	-7.483e+04
1	22	140.00	-1.810e+04	-793.08	1182.92	-9.961e+05	5.765e+04	-6.695e+04
1	22	142.25	-1.799e+04	-804.09	1238.37	-9.838e+05	6.061e+04	-6.600e+04
1	22	144.50	-1.793e+04	-785.02	1267.37	-9.812e+05	6.378e+04	-6.490e+04
1	22	146.75	-1.783e+04	-756.89	1265.33	-9.777e+05	6.711e+04	-6.359e+04
1	22	149.00	-1.771e+04	-750.24	1249.29	-9.752e+05	7.048e+04	-6.200e+04
1	22	151.25	-1.757e+04	-759.97	1230.82	-9.761e+05	7.379e+04	-6.016e+04
1	22	153.50	-1.744e+04	-774.25	1215.10	-9.808e+05	7.702e+04	-5.814e+04
1	22	155.75	-1.731e+04	-786.75	1204.48	-9.891e+05	8.019e+04	-5.602e+04
1	22	158.00	-1.719e+04	-794.52	1200.22	-1.001e+06	8.331e+04	-5.381e+04
1	22	160.25	-1.706e+04	-796.51	1203.10	-1.016e+06	8.640e+04	-5.154e+04
1	22	162.50	-1.693e+04	-796.81	1214.69	-1.036e+06	8.947e+04	-4.924e+04
1	22	175.00	-1.678e+04	-813.06	1214.69	-1.048e+06	1.065e+05	-3.648e+04
1	22	177.81	-1.669e+04	-837.11	1374.64	-1.042e+06	1.101e+05	-3.370e+04
1	22	180.62	-1.667e+04	-750.33	1417.66	-1.049e+06	1.146e+05	-3.057e+04
1	22	183.44	-1.651e+04	-716.13	1393.43	-1.043e+06	1.193e+05	-2.683e+04
1	22	186.25	-1.634e+04	-747.85	1356.70	-1.039e+06	1.238e+05	-2.246e+04
1	22	189.06	-1.619e+04	-787.84	1322.44	-1.041e+06	1.280e+05	-1.778e+04
1	22	191.88	-1.605e+04	-819.20	1295.14	-1.046e+06	1.321e+05	-1.294e+04
1	22	194.69	-1.592e+04	-839.26	1276.95	-1.055e+06	1.361e+05	-8031.12
1	22	197.50	-1.579e+04	-848.69	1269.69	-1.067e+06	1.399e+05	-3086.67
1	22	200.31	-1.567e+04	-845.35	1274.26	-1.082e+06	1.438e+05	1871.15
1	22	203.12	-1.551e+04	-835.38	1290.72	-1.105e+06	1.475e+05	6775.46
1	22	210.00	-1.541e+04	-827.87	1290.72	-1.113e+06	1.568e+05	1.891e+04
1	22	213.38	-1.558e+04	-813.55	1674.79	-1.151e+06	1.611e+05	2.667e+04
1	22	216.75	-1.545e+04	-522.74	1595.24	-1.152e+06	1.687e+05	3.384e+04
1	22	220.12	-1.515e+04	-668.34	1516.97	-1.133e+06	1.748e+05	4.345e+04
1	22	223.50	-1.496e+04	-776.74	1453.87	-1.130e+06	1.802e+05	5.342e+04
1	22	226.88	-1.482e+04	-834.70	1403.66	-1.132e+06	1.852e+05	6.338e+04
1	22	230.25	-1.469e+04	-859.69	1365.36	-1.138e+06	1.899e+05	7.325e+04
1	22	233.62	-1.456e+04	-861.43	1339.55	-1.147e+06	1.944e+05	8.300e+04
1	22	237.00	-1.443e+04	-845.47	1329.68	-1.161e+06	1.987e+05	9.263e+04
1	22	240.38	-1.432e+04	-821.75	1340.67	-1.175e+06	2.030e+05	1.021e+05
1	22	243.75	-1.411e+04	-790.74	1349.58	-1.209e+06	2.071e+05	1.110e+05
1	22	245.00	-1.409e+04	-773.28	1349.58	-1.212e+06	2.088e+05	1.145e+05
1	22	248.94	-1.570e+04	1063.84	408.31	-1.504e+06	2.384e+05	1.556e+05
1	22	252.88	-1.473e+04	-273.25	257.87	-1.377e+06	2.406e+05	1.879e+05
1	22	256.81	-1.452e+04	-459.18	213.66	-1.368e+06	2.444e+05	2.156e+05
1	22	260.75	-1.441e+04	-357.47	183.20	-1.373e+06	2.488e+05	2.396e+05
1	22	264.69	-1.430e+04	-170.87	158.11	-1.380e+06	2.532e+05	2.606e+05
1	22	268.62	-1.418e+04	52.40	136.64	-1.391e+06	2.577e+05	2.791e+05
1	22	272.56	-1.405e+04	299.52	118.73	-1.405e+06	2.623e+05	2.960e+05
1	22	276.50	-1.388e+04	586.26	111.33	-1.426e+06	2.668e+05	3.117e+05
1	22	280.00	-1.362e+04	909.91	131.44	-1.468e+06	2.707e+05	3.255e+05
1	22	280.44	-9457.23	-859.88	138.40	-7.464e+05	2.318e+05	2.895e+05
1	22	284.38	-2592.13	-5170.51	144.71	4.208e+05	1.094e+05	1.628e+05
1	22	284.50	-3263.57	-4926.84	145.98	3.046e+05	1.125e+05	1.648e+05
1	22	289.00	-3361.69	-3505.59	41.70	2.239e+05	6.122e+04	1.093e+05
1	22	293.50	-3255.15	-2518.54	-19.95	1.651e+05	3.409e+04	7.661e+04
1	22	298.00	-2900.75	-1874.66	-28.09	1.406e+05	1.943e+04	5.359e+04
1	22	302.50	-2466.14	-1424.18	-7.31	1.277e+05	1.253e+04	3.716e+04
1	22	307.00	-2032.90	-1101.60	23.85	1.175e+05	1.019e+04	2.569e+04
1	22	311.50	-1663.55	-897.04	50.29	1.055e+05	9917.27	1.784e+04
1	22	316.00	-1466.21	-851.44	51.45	8.685e+04	9471.63	1.221e+04
1	22	320.50	-1642.24	-1002.31	-1.94	5.465e+04	6825.98	7114.90
1	31	0.0	-1.619e+04	-457.59	1148.18	-6.216e+05	-1.101e+05	-5393.61
1	31	35.00	-1.604e+04	-438.76	1148.18	-6.310e+05	-6.905e+04	-3.626e+04
1	31	35.56	-1.597e+04	-451.29	1008.93	-6.193e+05	-6.860e+04	-3.658e+04
1	31	36.12	-1.590e+04	-446.73	979.13	-6.114e+05	-6.802e+04	-3.719e+04
1	31	36.69	-1.583e+04	-442.29	982.59	-6.057e+05	-6.737e+04	-3.787e+04
1	31	37.25	-1.576e+04	-438.12	992.30	-6.023e+05	-6.673e+04	-3.850e+04
1	31	37.81	-1.569e+04	-435.08	1002.41	-6.014e+05	-6.608e+04	-3.908e+04
1	31	38.38	-1.562e+04	-433.79	1011.66	-6.031e+05	-6.544e+04	-3.960e+04
1	31	38.94	-1.555e+04	-434.35	1019.84	-6.057e+05	-6.478e+04	-4.006e+04
1	31	39.50	-1.547e+04	-436.74	1026.66	-6.148e+05	-6.412e+04	-4.049e+04
1	31	40.06	-1.539e+04	-441.55	1028.50	-6.251e+05	-6.344e+04	-4.092e+04
1	31	40.62	-1.531e+04	-443.89	997.02	-6.392e+05	-6.299e+04	-4.135e+04
1	31	70.00	-1.515e+04	-450.68	997.02	-6.521e+05	-3.030e+04	-5.614e+04
1	31	71.12	-1.508e+04	-455.51	964.66	-6.417e+05	-2.917e+04	-5.661e+04
1	31	72.25	-1.501e+04	-457.25	944.43	-6.338e+05	-2.804e+04	-5.707e+04

1	31	73.38	-1.494e+04	-453.11	940.46	-6.288e+05	-2.685e+04	-5.746e+04
1	31	74.50	-1.487e+04	-447.77	941.92	-6.260e+05	-2.563e+04	-5.781e+04
1	31	75.62	-1.479e+04	-444.05	944.53	-6.256e+05	-2.439e+04	-5.811e+04
1	31	76.75	-1.471e+04	-442.77	947.40	-6.279e+05	-2.315e+04	-5.836e+04
1	31	77.88	-1.463e+04	-443.49	950.37	-6.331e+05	-2.190e+04	-5.856e+04
1	31	79.00	-1.455e+04	-445.36	952.70	-6.411e+05	-2.066e+04	-5.873e+04
1	31	80.12	-1.446e+04	-446.53	951.98	-6.523e+05	-1.943e+04	-5.886e+04
1	31	81.25	-1.438e+04	-446.49	947.72	-6.659e+05	-1.823e+04	-5.895e+04
1	31	105.00	-1.422e+04	-463.10	947.72	-6.800e+05	7546.62	-6.070e+04
1	31	106.69	-1.414e+04	-466.98	952.13	-6.697e+05	9290.89	-6.080e+04
1	31	108.38	-1.408e+04	-465.24	953.54	-6.640e+05	1.107e+04	-6.083e+04
1	31	110.06	-1.401e+04	-456.45	951.76	-6.602e+05	1.291e+04	-6.078e+04
1	31	111.75	-1.393e+04	-449.21	947.52	-6.582e+05	1.478e+04	-6.063e+04
1	31	113.44	-1.384e+04	-447.32	942.66	-6.585e+05	1.667e+04	-6.038e+04
1	31	115.12	-1.375e+04	-449.36	938.80	-6.616e+05	1.854e+04	-6.002e+04
1	31	116.81	-1.366e+04	-452.90	936.86	-6.676e+05	2.040e+04	-5.960e+04
1	31	118.50	-1.357e+04	-455.94	936.98	-6.763e+05	2.224e+04	-5.912e+04
1	31	120.19	-1.348e+04	-457.38	938.71	-6.879e+05	2.407e+04	-5.858e+04
1	31	121.88	-1.339e+04	-458.38	942.30	-7.024e+05	2.589e+04	-5.800e+04
1	31	140.00	-1.324e+04	-477.05	942.30	-7.160e+05	4.545e+04	-5.181e+04
1	31	142.25	-1.316e+04	-484.80	984.58	-7.069e+05	4.779e+04	-5.106e+04
1	31	144.50	-1.311e+04	-470.91	1006.61	-7.049e+05	5.029e+04	-5.020e+04
1	31	146.75	-1.304e+04	-450.75	1004.86	-7.024e+05	5.292e+04	-4.918e+04
1	31	149.00	-1.294e+04	-446.32	992.52	-7.007e+05	5.557e+04	-4.794e+04
1	31	151.25	-1.284e+04	-453.87	978.61	-7.017e+05	5.819e+04	-4.651e+04
1	31	153.50	-1.274e+04	-464.76	967.30	-7.057e+05	6.074e+04	-4.495e+04
1	31	155.75	-1.264e+04	-474.37	960.62	-7.123e+05	6.325e+04	-4.330e+04
1	31	158.00	-1.254e+04	-480.46	959.67	-7.217e+05	6.572e+04	-4.158e+04
1	31	160.25	-1.245e+04	-482.13	964.46	-7.338e+05	6.817e+04	-3.982e+04
1	31	162.50	-1.234e+04	-482.16	974.03	-7.494e+05	7.061e+04	-3.802e+04
1	31	175.00	-1.223e+04	-492.54	974.03	-7.608e+05	8.419e+04	-2.804e+04
1	31	177.81	-1.216e+04	-509.30	1096.26	-7.565e+05	8.705e+04	-2.586e+04
1	31	180.62	-1.213e+04	-446.62	1129.09	-7.611e+05	9.061e+04	-2.342e+04
1	31	183.44	-1.202e+04	-422.45	1110.10	-7.570e+05	9.430e+04	-2.050e+04
1	31	186.25	-1.189e+04	-446.09	1081.73	-7.548e+05	9.786e+04	-1.711e+04
1	31	189.06	-1.177e+04	-475.88	1055.70	-7.563e+05	1.012e+05	-1.348e+04
1	31	191.88	-1.167e+04	-499.52	1035.61	-7.608e+05	1.045e+05	-9733.26
1	31	194.69	-1.156e+04	-514.96	1023.63	-7.680e+05	1.076e+05	-5929.43
1	31	197.50	-1.147e+04	-522.60	1022.28	-7.777e+05	1.107e+05	-2101.13
1	31	200.31	-1.137e+04	-520.73	1032.85	-7.899e+05	1.138e+05	1737.23
1	31	203.12	-1.125e+04	-513.05	1050.32	-8.079e+05	1.168e+05	5543.33
1	31	210.00	-1.117e+04	-505.80	1050.32	-8.159e+05	1.244e+05	1.503e+04
1	31	213.38	-1.128e+04	-494.25	1345.99	-8.435e+05	1.278e+05	2.104e+04
1	31	216.75	-1.119e+04	-285.60	1285.44	-8.441e+05	1.338e+05	2.663e+04
1	31	220.12	-1.096e+04	-391.43	1224.03	-8.310e+05	1.387e+05	3.408e+04
1	31	223.50	-1.082e+04	-470.61	1175.18	-8.290e+05	1.430e+05	4.180e+04
1	31	226.88	-1.071e+04	-513.64	1136.81	-8.314e+05	1.470e+05	4.950e+04
1	31	230.25	-1.061e+04	-533.03	1107.88	-8.365e+05	1.508e+05	5.714e+04
1	31	233.62	-1.051e+04	-535.66	1089.38	-8.445e+05	1.545e+05	6.468e+04
1	31	237.00	-1.040e+04	-525.25	1086.78	-8.560e+05	1.580e+05	7.213e+04
1	31	240.38	-1.032e+04	-509.56	1111.62	-8.675e+05	1.615e+05	7.948e+04
1	31	243.75	-1.016e+04	-486.51	1146.98	-8.935e+05	1.648e+05	8.627e+04
1	31	245.00	-1.014e+04	-473.46	1146.98	-8.958e+05	1.662e+05	8.901e+04
1	31	248.94	-1.129e+04	839.35	466.98	-1.106e+06	1.891e+05	1.204e+05
1	31	252.88	-1.058e+04	-123.70	343.83	-1.015e+06	1.914e+05	1.453e+05
1	31	256.81	-1.042e+04	-257.92	306.69	-1.010e+06	1.947e+05	1.665e+05
1	31	260.75	-1.033e+04	-185.60	282.60	-1.014e+06	1.985e+05	1.849e+05
1	31	264.69	-1.024e+04	-52.23	262.91	-1.021e+06	2.024e+05	2.009e+05
1	31	268.62	-1.014e+04	107.31	245.31	-1.029e+06	2.063e+05	2.152e+05
1	31	272.56	-1.004e+04	283.47	229.24	-1.041e+06	2.103e+05	2.282e+05
1	31	276.50	-9917.47	487.94	221.27	-1.058e+06	2.143e+05	2.403e+05
1	31	280.00	-9715.56	723.87	246.79	-1.090e+06	2.177e+05	2.511e+05
1	31	280.44	-6715.82	-538.66	248.94	-5.700e+05	1.880e+05	2.239e+05
1	31	284.38	-1693.34	-3621.65	325.88	2.774e+05	9.247e+04	1.279e+05
1	31	284.50	-2174.21	-3447.02	325.58	1.942e+05	9.483e+04	1.293e+05
1	31	289.00	-2215.64	-2399.31	249.67	1.432e+05	5.662e+04	8.670e+04
1	31	293.50	-2132.09	-1670.54	203.69	1.046e+05	3.676e+04	6.158e+04
1	31	298.00	-1879.39	-1193.28	194.66	8.954e+04	2.613e+04	4.386e+04
1	31	302.50	-1572.84	-860.67	205.78	8.243e+04	2.116e+04	3.112e+04
1	31	307.00	-1267.85	-627.28	223.89	7.725e+04	1.942e+04	2.209e+04
1	31	311.50	-1007.34	-489.20	236.90	7.101e+04	1.892e+04	1.574e+04
1	31	316.00	-870.14	-481.75	224.38	6.028e+04	1.766e+04	1.100e+04
1	31	320.50	-1020.17	-642.83	143.64	3.947e+04	1.306e+04	6569.91
1	32	0.0	-1.658e+04	-499.21	1153.11	-6.531e+05	-1.107e+05	-5472.60
1	32	35.00	-1.644e+04	-480.81	1153.11	-6.614e+05	-6.942e+04	-3.671e+04
1	32	35.56	-1.636e+04	-493.83	1011.81	-6.497e+05	-6.898e+04	-3.703e+04
1	32	36.12	-1.630e+04	-489.19	981.65	-6.418e+05	-6.839e+04	-3.765e+04

1	32	36.69	-1.623e+04	-484.66	985.20	-6.361e+05	-6.774e+04	-3.833e+04
1	32	37.25	-1.616e+04	-480.40	995.12	-6.327e+05	-6.709e+04	-3.897e+04
1	32	37.81	-1.609e+04	-477.29	1005.47	-6.318e+05	-6.645e+04	-3.956e+04
1	32	38.38	-1.602e+04	-475.98	1014.98	-6.335e+05	-6.580e+04	-4.008e+04
1	32	38.94	-1.594e+04	-476.56	1023.39	-6.379e+05	-6.514e+04	-4.055e+04
1	32	39.50	-1.586e+04	-478.99	1030.41	-6.452e+05	-6.447e+04	-4.098e+04
1	32	40.06	-1.579e+04	-483.80	1032.37	-6.554e+05	-6.379e+04	-4.141e+04
1	32	40.62	-1.570e+04	-486.00	1001.10	-6.695e+05	-6.334e+04	-4.185e+04
1	32	70.00	-1.554e+04	-493.06	1001.10	-6.815e+05	-3.046e+04	-5.681e+04
1	32	71.12	-1.547e+04	-498.08	968.23	-6.712e+05	-2.932e+04	-5.729e+04
1	32	72.25	-1.540e+04	-499.90	947.75	-6.632e+05	-2.819e+04	-5.775e+04
1	32	73.38	-1.533e+04	-495.63	943.76	-6.582e+05	-2.699e+04	-5.815e+04
1	32	74.50	-1.526e+04	-490.11	945.28	-6.554e+05	-2.576e+04	-5.850e+04
1	32	75.62	-1.518e+04	-486.26	947.94	-6.550e+05	-2.452e+04	-5.880e+04
1	32	76.75	-1.510e+04	-484.91	950.83	-6.573e+05	-2.326e+04	-5.905e+04
1	32	77.88	-1.502e+04	-485.61	953.78	-6.624e+05	-2.201e+04	-5.926e+04
1	32	79.00	-1.494e+04	-487.47	956.08	-6.704e+05	-2.076e+04	-5.943e+04
1	32	80.12	-1.485e+04	-488.63	955.36	-6.816e+05	-1.953e+04	-5.956e+04
1	32	81.25	-1.477e+04	-488.61	951.26	-6.952e+05	-1.832e+04	-5.964e+04
1	32	105.00	-1.461e+04	-505.77	951.26	-7.086e+05	7613.53	-6.143e+04
1	32	106.69	-1.453e+04	-509.83	955.79	-6.983e+05	9367.08	-6.154e+04
1	32	108.38	-1.447e+04	-508.06	957.27	-6.926e+05	1.116e+04	-6.157e+04
1	32	110.06	-1.440e+04	-498.94	955.51	-6.889e+05	1.301e+04	-6.152e+04
1	32	111.75	-1.432e+04	-491.38	951.21	-6.868e+05	1.489e+04	-6.137e+04
1	32	113.44	-1.423e+04	-489.35	946.22	-6.871e+05	1.679e+04	-6.111e+04
1	32	115.12	-1.414e+04	-491.37	942.15	-6.902e+05	1.868e+04	-6.075e+04
1	32	116.81	-1.405e+04	-494.94	939.90	-6.961e+05	2.055e+04	-6.032e+04
1	32	118.50	-1.396e+04	-498.00	939.66	-7.048e+05	2.240e+04	-5.983e+04
1	32	120.19	-1.387e+04	-499.47	941.15	-7.164e+05	2.423e+04	-5.929e+04
1	32	121.88	-1.378e+04	-500.55	944.85	-7.308e+05	2.606e+04	-5.870e+04
1	32	140.00	-1.363e+04	-520.02	944.85	-7.439e+05	4.572e+04	-5.247e+04
1	32	142.25	-1.355e+04	-528.15	987.87	-7.347e+05	4.807e+04	-5.172e+04
1	32	144.50	-1.350e+04	-513.76	1010.33	-7.328e+05	5.059e+04	-5.085e+04
1	32	146.75	-1.342e+04	-492.78	1008.62	-7.304e+05	5.324e+04	-4.982e+04
1	32	149.00	-1.332e+04	-488.04	996.10	-7.287e+05	5.591e+04	-4.856e+04
1	32	151.25	-1.322e+04	-495.68	981.88	-7.296e+05	5.853e+04	-4.712e+04
1	32	153.50	-1.312e+04	-506.78	970.12	-7.335e+05	6.111e+04	-4.554e+04
1	32	155.75	-1.302e+04	-516.55	962.81	-7.402e+05	6.363e+04	-4.387e+04
1	32	158.00	-1.293e+04	-522.72	961.04	-7.494e+05	6.611e+04	-4.214e+04
1	32	160.25	-1.283e+04	-524.39	965.01	-7.615e+05	6.856e+04	-4.035e+04
1	32	162.50	-1.273e+04	-524.51	974.48	-7.771e+05	7.101e+04	-3.854e+04
1	32	175.00	-1.261e+04	-535.71	974.48	-7.880e+05	8.463e+04	-2.847e+04
1	32	177.81	-1.254e+04	-553.33	1098.78	-7.838e+05	8.750e+04	-2.628e+04
1	32	180.62	-1.252e+04	-488.26	1132.18	-7.888e+05	9.107e+04	-2.381e+04
1	32	183.44	-1.240e+04	-462.96	1113.05	-7.846e+05	9.479e+04	-2.086e+04
1	32	186.25	-1.227e+04	-487.22	1084.31	-7.822e+05	9.836e+04	-1.743e+04
1	32	189.06	-1.215e+04	-517.81	1057.77	-7.836e+05	1.018e+05	-1.376e+04
1	32	191.88	-1.204e+04	-541.98	1037.05	-7.881e+05	1.050e+05	-9966.26
1	32	194.69	-1.194e+04	-557.68	1024.17	-7.952e+05	1.082e+05	-6115.67
1	32	197.50	-1.184e+04	-565.33	1021.31	-8.048e+05	1.113e+05	-2239.97
1	32	200.31	-1.175e+04	-563.25	1029.62	-8.169e+05	1.143e+05	1645.88
1	32	203.12	-1.163e+04	-555.49	1045.71	-8.349e+05	1.174e+05	5495.94
1	32	210.00	-1.155e+04	-548.59	1045.71	-8.426e+05	1.249e+05	1.507e+04
1	32	213.38	-1.167e+04	-537.04	1345.59	-8.714e+05	1.283e+05	2.115e+04
1	32	216.75	-1.157e+04	-319.90	1283.94	-8.721e+05	1.344e+05	2.680e+04
1	32	220.12	-1.134e+04	-429.49	1222.08	-8.585e+05	1.392e+05	3.433e+04
1	32	223.50	-1.120e+04	-511.34	1172.63	-8.563e+05	1.436e+05	4.215e+04
1	32	226.88	-1.109e+04	-555.57	1133.59	-8.586e+05	1.476e+05	4.995e+04
1	32	230.25	-1.099e+04	-575.22	1104.01	-8.636e+05	1.514e+05	5.768e+04
1	32	233.62	-1.089e+04	-577.48	1084.72	-8.714e+05	1.550e+05	6.532e+04
1	32	237.00	-1.078e+04	-566.33	1080.29	-8.828e+05	1.586e+05	7.287e+04
1	32	240.38	-1.070e+04	-549.55	1099.89	-8.941e+05	1.620e+05	8.032e+04
1	32	243.75	-1.054e+04	-525.88	1126.26	-9.203e+05	1.653e+05	8.721e+04
1	32	245.00	-1.052e+04	-512.52	1126.26	-9.226e+05	1.667e+05	8.997e+04
1	32	248.94	-1.172e+04	855.82	420.54	-1.141e+06	1.899e+05	1.219e+05
1	32	252.88	-1.098e+04	-145.04	298.33	-1.047e+06	1.920e+05	1.471e+05
1	32	256.81	-1.082e+04	-284.50	261.79	-1.041e+06	1.952e+05	1.687e+05
1	32	260.75	-1.073e+04	-209.11	237.58	-1.045e+06	1.989e+05	1.874e+05
1	32	264.69	-1.064e+04	-70.26	217.73	-1.052e+06	2.027e+05	2.037e+05
1	32	268.62	-1.055e+04	95.85	200.20	-1.060e+06	2.065e+05	2.182e+05
1	32	272.56	-1.045e+04	279.39	184.59	-1.072e+06	2.104e+05	2.313e+05
1	32	276.50	-1.032e+04	492.26	177.05	-1.089e+06	2.143e+05	2.437e+05
1	32	280.00	-1.012e+04	735.79	199.23	-1.121e+06	2.176e+05	2.545e+05
1	32	280.44	-7002.51	-581.10	202.54	-5.809e+05	1.874e+05	2.268e+05
1	32	284.38	-1815.84	-3791.54	257.87	2.972e+05	9.092e+04	1.288e+05
1	32	284.50	-2316.64	-3609.73	258.02	2.106e+05	9.333e+04	1.303e+05
1	32	289.00	-2372.01	-2530.88	179.31	1.548e+05	5.413e+04	8.705e+04

1	32	293.50	-2288.65	-1781.15	132.05	1.133e+05	3.363e+04	6.154e+04
1	32	298.00	-2025.80	-1291.19	123.85	9.670e+04	2.264e+04	4.356e+04
1	32	302.50	-1705.37	-949.55	136.88	8.853e+04	1.749e+04	3.067e+04
1	32	307.00	-1386.11	-708.29	157.42	8.237e+04	1.573e+04	2.158e+04
1	32	311.50	-1113.19	-562.07	173.38	7.505e+04	1.536e+04	1.524e+04
1	32	316.00	-967.65	-545.20	165.65	6.302e+04	1.442e+04	1.059e+04
1	32	320.50	-1112.00	-692.83	97.64	4.071e+04	1.065e+04	6278.73
1	36	0.0	-1.657e+04	-601.40	1078.32	-6.773e+05	-1.037e+05	-5225.28
1	36	35.00	-1.643e+04	-584.00	1078.32	-6.808e+05	-6.500e+04	-3.489e+04
1	36	35.56	-1.635e+04	-596.88	943.34	-6.690e+05	-6.459e+04	-3.519e+04
1	36	36.12	-1.629e+04	-592.35	914.70	-6.611e+05	-6.404e+04	-3.578e+04
1	36	36.69	-1.622e+04	-588.00	918.18	-6.553e+05	-6.343e+04	-3.643e+04
1	36	37.25	-1.615e+04	-583.91	927.77	-6.519e+05	-6.283e+04	-3.705e+04
1	36	37.81	-1.608e+04	-580.95	937.83	-6.509e+05	-6.222e+04	-3.760e+04
1	36	38.38	-1.601e+04	-579.75	947.15	-6.525e+05	-6.161e+04	-3.810e+04
1	36	38.94	-1.593e+04	-580.39	955.42	-6.568e+05	-6.099e+04	-3.854e+04
1	36	39.50	-1.586e+04	-582.78	962.29	-6.640e+05	-6.036e+04	-3.894e+04
1	36	40.06	-1.578e+04	-587.34	964.33	-6.742e+05	-5.973e+04	-3.935e+04
1	36	40.62	-1.569e+04	-589.29	935.45	-6.882e+05	-5.930e+04	-3.976e+04
1	36	70.00	-1.554e+04	-596.10	935.45	-6.959e+05	-2.847e+04	-5.396e+04
1	36	71.12	-1.547e+04	-601.21	904.00	-6.854e+05	-2.741e+04	-5.442e+04
1	36	72.25	-1.540e+04	-603.06	884.53	-6.773e+05	-2.634e+04	-5.485e+04
1	36	73.38	-1.533e+04	-598.85	880.81	-6.720e+05	-2.522e+04	-5.523e+04
1	36	74.50	-1.526e+04	-593.40	882.32	-6.691e+05	-2.407e+04	-5.556e+04
1	36	75.62	-1.518e+04	-589.59	884.89	-6.685e+05	-2.290e+04	-5.585e+04
1	36	76.75	-1.510e+04	-588.23	887.61	-6.706e+05	-2.172e+04	-5.608e+04
1	36	77.88	-1.502e+04	-588.85	890.30	-6.756e+05	-2.055e+04	-5.628e+04
1	36	79.00	-1.494e+04	-590.55	892.33	-6.835e+05	-1.937e+04	-5.644e+04
1	36	80.12	-1.485e+04	-591.56	891.65	-6.944e+05	-1.822e+04	-5.656e+04
1	36	81.25	-1.477e+04	-591.55	888.22	-7.078e+05	-1.708e+04	-5.664e+04
1	36	105.00	-1.462e+04	-608.60	888.22	-7.175e+05	7240.84	-5.837e+04
1	36	106.69	-1.454e+04	-612.71	892.64	-7.069e+05	8883.64	-5.847e+04
1	36	108.38	-1.447e+04	-611.02	894.19	-7.010e+05	1.056e+04	-5.850e+04
1	36	110.06	-1.441e+04	-601.93	892.60	-6.970e+05	1.230e+04	-5.845e+04
1	36	111.75	-1.433e+04	-594.32	888.50	-6.946e+05	1.407e+04	-5.831e+04
1	36	113.44	-1.424e+04	-592.15	883.61	-6.947e+05	1.585e+04	-5.806e+04
1	36	115.12	-1.415e+04	-593.98	879.41	-6.975e+05	1.762e+04	-5.772e+04
1	36	116.81	-1.406e+04	-597.31	876.72	-7.031e+05	1.937e+04	-5.731e+04
1	36	118.50	-1.397e+04	-600.13	875.78	-7.116e+05	2.111e+04	-5.685e+04
1	36	120.19	-1.388e+04	-601.45	876.64	-7.229e+05	2.283e+04	-5.633e+04
1	36	121.88	-1.379e+04	-602.55	880.33	-7.370e+05	2.454e+04	-5.578e+04
1	36	140.00	-1.365e+04	-622.47	880.33	-7.469e+05	4.296e+04	-4.991e+04
1	36	142.25	-1.357e+04	-630.72	921.73	-7.374e+05	4.516e+04	-4.921e+04
1	36	144.50	-1.352e+04	-616.45	943.39	-7.351e+05	4.752e+04	-4.838e+04
1	36	146.75	-1.344e+04	-595.40	941.88	-7.323e+05	5.000e+04	-4.741e+04
1	36	149.00	-1.335e+04	-590.40	929.91	-7.302e+05	5.251e+04	-4.622e+04
1	36	151.25	-1.324e+04	-597.65	916.12	-7.308e+05	5.497e+04	-4.485e+04
1	36	153.50	-1.314e+04	-608.28	904.35	-7.342e+05	5.738e+04	-4.335e+04
1	36	155.75	-1.305e+04	-617.57	896.34	-7.405e+05	5.974e+04	-4.176e+04
1	36	158.00	-1.295e+04	-623.31	893.00	-7.494e+05	6.206e+04	-4.011e+04
1	36	160.25	-1.286e+04	-624.72	894.96	-7.611e+05	6.436e+04	-3.842e+04
1	36	162.50	-1.275e+04	-624.93	903.57	-7.763e+05	6.664e+04	-3.670e+04
1	36	175.00	-1.264e+04	-637.34	903.57	-7.847e+05	7.934e+04	-2.720e+04
1	36	177.81	-1.258e+04	-655.39	1022.99	-7.798e+05	8.200e+04	-2.513e+04
1	36	180.62	-1.255e+04	-590.46	1055.09	-7.843e+05	8.535e+04	-2.279e+04
1	36	183.44	-1.244e+04	-564.86	1037.01	-7.796e+05	8.883e+04	-2.000e+04
1	36	186.25	-1.231e+04	-588.56	1009.62	-7.767e+05	9.218e+04	-1.674e+04
1	36	189.06	-1.219e+04	-618.43	984.05	-7.776e+05	9.536e+04	-1.325e+04
1	36	191.88	-1.209e+04	-641.81	963.66	-7.815e+05	9.840e+04	-9647.02
1	36	194.69	-1.199e+04	-656.71	949.99	-7.881e+05	1.013e+05	-5984.20
1	36	197.50	-1.189e+04	-663.65	944.29	-7.972e+05	1.042e+05	-2296.59
1	36	200.31	-1.179e+04	-661.00	947.13	-8.087e+05	1.071e+05	1401.27
1	36	203.12	-1.168e+04	-653.50	959.01	-8.264e+05	1.099e+05	5058.52
1	36	210.00	-1.160e+04	-648.09	959.01	-8.324e+05	1.168e+05	1.410e+04
1	36	213.38	-1.172e+04	-637.48	1245.65	-8.603e+05	1.200e+05	1.989e+04
1	36	216.75	-1.163e+04	-419.84	1186.20	-8.604e+05	1.256e+05	2.523e+04
1	36	220.12	-1.140e+04	-528.79	1127.83	-8.460e+05	1.301e+05	3.240e+04
1	36	223.50	-1.126e+04	-609.87	1080.76	-8.431e+05	1.341e+05	3.983e+04
1	36	226.88	-1.115e+04	-653.16	1043.31	-8.446e+05	1.378e+05	4.726e+04
1	36	230.25	-1.105e+04	-671.73	1014.78	-8.489e+05	1.413e+05	5.462e+04
1	36	233.62	-1.095e+04	-672.85	995.54	-8.560e+05	1.447e+05	6.190e+04
1	36	237.00	-1.085e+04	-660.70	987.94	-8.667e+05	1.479e+05	6.908e+04
1	36	240.38	-1.077e+04	-642.74	994.77	-8.771e+05	1.511e+05	7.617e+04
1	36	243.75	-1.061e+04	-619.57	998.55	-9.029e+05	1.542e+05	8.277e+04
1	36	245.00	-1.059e+04	-606.48	998.55	-9.048e+05	1.554e+05	8.539e+04
1	36	248.94	-1.180e+04	768.65	293.93	-1.123e+06	1.775e+05	1.161e+05
1	36	252.88	-1.107e+04	-231.82	181.89	-1.027e+06	1.791e+05	1.402e+05

1	36	256.81	-1.091e+04	-370.75	149.01	-1.021e+06	1.819e+05	1.609e+05
1	36	260.75	-1.083e+04	-294.35	126.33	-1.024e+06	1.851e+05	1.788e+05
1	36	264.69	-1.074e+04	-154.36	107.66	-1.029e+06	1.884e+05	1.944e+05
1	36	268.62	-1.065e+04	13.14	91.80	-1.037e+06	1.917e+05	2.083e+05
1	36	272.56	-1.055e+04	198.63	78.82	-1.047e+06	1.951e+05	2.208e+05
1	36	276.50	-1.043e+04	414.12	73.94	-1.063e+06	1.985e+05	2.326e+05
1	36	280.00	-1.022e+04	657.34	88.69	-1.095e+06	2.013e+05	2.429e+05
1	36	280.44	-7109.20	-667.25	94.08	-5.551e+05	1.723e+05	2.160e+05
1	36	284.38	-1969.76	-3897.73	88.91	3.180e+05	8.103e+04	1.213e+05
1	36	284.50	-2472.29	-3715.33	89.92	2.310e+05	8.338e+04	1.228e+05
1	36	289.00	-2544.89	-2651.45	12.20	1.703e+05	4.500e+04	8.140e+04
1	36	293.50	-2463.74	-1912.08	-33.71	1.260e+05	2.468e+04	5.700e+04
1	36	298.00	-2196.87	-1429.17	-39.56	1.075e+05	1.367e+04	3.984e+04
1	36	302.50	-1870.04	-1090.63	-23.82	9.771e+04	8456.00	2.760e+04
1	36	307.00	-1544.68	-847.44	-0.41	8.981e+04	6664.43	1.906e+04
1	36	311.50	-1268.15	-692.21	19.41	8.048e+04	6425.54	1.323e+04
1	36	316.00	-1122.42	-655.57	20.61	6.611e+04	6106.98	9041.69
1	36	320.50	-1258.44	-765.25	-16.63	4.144e+04	4310.36	5242.90
1	37	0.0	-1.544e+04	-566.67	1005.20	-6.086e+05	-9.646e+04	-4808.14
1	37	35.00	-1.531e+04	-548.84	1005.20	-6.113e+05	-6.044e+04	-3.221e+04
1	37	35.56	-1.524e+04	-560.23	880.97	-5.996e+05	-6.006e+04	-3.249e+04
1	37	36.12	-1.517e+04	-556.06	854.53	-5.916e+05	-5.955e+04	-3.303e+04
1	37	36.69	-1.511e+04	-552.10	857.69	-5.857e+05	-5.898e+04	-3.363e+04
1	37	37.25	-1.504e+04	-548.40	866.45	-5.822e+05	-5.842e+04	-3.420e+04
1	37	37.81	-1.497e+04	-545.74	875.62	-5.812e+05	-5.785e+04	-3.471e+04
1	37	38.38	-1.489e+04	-544.68	884.07	-5.828e+05	-5.728e+04	-3.517e+04
1	37	38.94	-1.482e+04	-545.31	891.56	-5.871e+05	-5.671e+04	-3.558e+04
1	37	39.50	-1.474e+04	-547.58	897.79	-5.943e+05	-5.612e+04	-3.595e+04
1	37	40.06	-1.466e+04	-551.93	899.52	-6.044e+05	-5.553e+04	-3.633e+04
1	37	40.62	-1.458e+04	-554.07	871.95	-6.183e+05	-5.514e+04	-3.671e+04
1	37	70.00	-1.444e+04	-559.93	871.95	-6.250e+05	-2.645e+04	-4.983e+04
1	37	71.12	-1.437e+04	-564.56	843.04	-6.144e+05	-2.547e+04	-5.025e+04
1	37	72.25	-1.430e+04	-566.22	825.09	-6.062e+05	-2.448e+04	-5.066e+04
1	37	73.38	-1.423e+04	-562.41	821.62	-6.008e+05	-2.343e+04	-5.100e+04
1	37	74.50	-1.416e+04	-557.51	822.98	-5.978e+05	-2.236e+04	-5.131e+04
1	37	75.62	-1.408e+04	-554.11	825.33	-5.971e+05	-2.127e+04	-5.158e+04
1	37	76.75	-1.401e+04	-552.93	827.85	-5.992e+05	-2.018e+04	-5.179e+04
1	37	77.88	-1.392e+04	-553.55	830.39	-6.040e+05	-1.908e+04	-5.197e+04
1	37	79.00	-1.384e+04	-555.16	832.32	-6.118e+05	-1.799e+04	-5.212e+04
1	37	80.12	-1.376e+04	-556.09	831.65	-6.227e+05	-1.692e+04	-5.224e+04
1	37	81.25	-1.367e+04	-556.00	828.27	-6.360e+05	-1.587e+04	-5.231e+04
1	37	105.00	-1.353e+04	-571.43	828.27	-6.446e+05	6756.61	-5.388e+04
1	37	106.69	-1.346e+04	-575.08	832.32	-6.340e+05	8285.58	-5.397e+04
1	37	108.38	-1.339e+04	-573.56	833.70	-6.277e+05	9848.81	-5.400e+04
1	37	110.06	-1.333e+04	-565.42	832.19	-6.235e+05	1.146e+04	-5.396e+04
1	37	111.75	-1.325e+04	-558.65	828.41	-6.210e+05	1.311e+04	-5.383e+04
1	37	113.44	-1.316e+04	-556.77	823.98	-6.209e+05	1.476e+04	-5.360e+04
1	37	115.12	-1.307e+04	-558.50	820.28	-6.235e+05	1.641e+04	-5.328e+04
1	37	116.81	-1.299e+04	-561.56	818.08	-6.290e+05	1.804e+04	-5.291e+04
1	37	118.50	-1.290e+04	-564.12	817.57	-6.373e+05	1.966e+04	-5.247e+04
1	37	120.19	-1.281e+04	-565.24	818.63	-6.485e+05	2.126e+04	-5.200e+04
1	37	121.88	-1.272e+04	-566.14	822.00	-6.625e+05	2.285e+04	-5.148e+04
1	37	140.00	-1.259e+04	-584.17	822.00	-6.715e+05	3.999e+04	-4.602e+04
1	37	142.25	-1.251e+04	-591.48	860.02	-6.617e+05	4.204e+04	-4.537e+04
1	37	144.50	-1.246e+04	-578.67	879.87	-6.588e+05	4.424e+04	-4.461e+04
1	37	146.75	-1.238e+04	-559.88	878.40	-6.556e+05	4.655e+04	-4.370e+04
1	37	149.00	-1.229e+04	-555.54	867.38	-6.533e+05	4.888e+04	-4.260e+04
1	37	151.25	-1.219e+04	-562.21	854.80	-6.537e+05	5.117e+04	-4.133e+04
1	37	153.50	-1.209e+04	-571.91	844.28	-6.570e+05	5.341e+04	-3.995e+04
1	37	155.75	-1.200e+04	-580.37	837.46	-6.630e+05	5.561e+04	-3.848e+04
1	37	158.00	-1.190e+04	-585.55	835.20	-6.717e+05	5.777e+04	-3.696e+04
1	37	160.25	-1.181e+04	-586.72	837.86	-6.832e+05	5.991e+04	-3.539e+04
1	37	162.50	-1.171e+04	-586.77	846.05	-6.983e+05	6.204e+04	-3.380e+04
1	37	175.00	-1.160e+04	-597.84	846.05	-7.059e+05	7.390e+04	-2.498e+04
1	37	177.81	-1.154e+04	-613.81	955.80	-7.005e+05	7.639e+04	-2.306e+04
1	37	180.62	-1.151e+04	-555.68	985.26	-7.036e+05	7.950e+04	-2.090e+04
1	37	183.44	-1.140e+04	-532.98	968.43	-6.987e+05	8.275e+04	-1.832e+04
1	37	186.25	-1.127e+04	-554.52	943.14	-6.957e+05	8.586e+04	-1.530e+04
1	37	189.06	-1.116e+04	-581.59	919.75	-6.964e+05	8.882e+04	-1.208e+04
1	37	191.88	-1.106e+04	-602.84	901.39	-7.001e+05	9.166e+04	-8744.39
1	37	194.69	-1.096e+04	-616.42	889.62	-7.065e+05	9.441e+04	-5361.33
1	37	197.50	-1.087e+04	-622.75	885.86	-7.154e+05	9.709e+04	-1955.54
1	37	200.31	-1.077e+04	-620.27	890.69	-7.268e+05	9.975e+04	1460.31
1	37	203.12	-1.066e+04	-613.19	903.12	-7.440e+05	1.024e+05	4841.60
1	37	210.00	-1.059e+04	-607.95	903.12	-7.496e+05	1.089e+05	1.322e+04
1	37	213.38	-1.069e+04	-598.08	1167.49	-7.735e+05	1.119e+05	1.857e+04
1	37	216.75	-1.060e+04	-403.80	1112.84	-7.727e+05	1.171e+05	2.352e+04

1	37	220.12	-1.039e+04	-501.72	1058.48	-7.592e+05	1.214e+05	3.014e+04
1	37	223.50	-1.025e+04	-574.73	1014.99	-7.563e+05	1.251e+05	3.701e+04
1	37	226.88	-1.015e+04	-613.91	980.67	-7.576e+05	1.286e+05	4.387e+04
1	37	230.25	-1.005e+04	-630.91	954.76	-7.616e+05	1.319e+05	5.066e+04
1	37	233.62	-9953.40	-632.14	937.83	-7.685e+05	1.350e+05	5.737e+04
1	37	237.00	-9850.89	-621.29	932.82	-7.790e+05	1.381e+05	6.400e+04
1	37	240.38	-9770.53	-605.42	944.16	-7.893e+05	1.411e+05	7.055e+04
1	37	243.75	-9615.23	-584.39	955.19	-8.142e+05	1.440e+05	7.663e+04
1	37	245.00	-9600.23	-572.36	955.19	-8.159e+05	1.451e+05	7.905e+04
1	37	248.94	-1.067e+04	652.99	323.29	-1.010e+06	1.655e+05	1.072e+05
1	37	252.88	-1.000e+04	-241.51	216.70	-9.234e+05	1.672e+05	1.295e+05
1	37	256.81	-9855.88	-365.38	185.07	-9.170e+05	1.699e+05	1.485e+05
1	37	260.75	-9772.25	-296.78	163.92	-9.198e+05	1.730e+05	1.649e+05
1	37	264.69	-9686.49	-171.21	146.68	-9.246e+05	1.762e+05	1.793e+05
1	37	268.62	-9594.76	-20.96	131.91	-9.317e+05	1.794e+05	1.921e+05
1	37	272.56	-9497.78	145.46	119.72	-9.417e+05	1.826e+05	2.036e+05
1	37	276.50	-9378.11	339.50	115.72	-9.570e+05	1.859e+05	2.145e+05
1	37	280.00	-9183.62	561.27	133.95	-9.871e+05	1.887e+05	2.240e+05
1	37	280.44	-6392.87	-617.53	137.75	-5.043e+05	1.620e+05	1.994e+05
1	37	284.38	-1749.68	-3507.82	145.16	2.792e+05	7.753e+04	1.127e+05
1	37	284.50	-2197.90	-3344.99	145.59	2.016e+05	7.966e+04	1.140e+05
1	37	289.00	-2245.19	-2379.93	76.48	1.501e+05	4.472e+04	7.594e+04
1	37	293.50	-2165.24	-1707.26	35.23	1.119e+05	2.630e+04	5.350e+04
1	37	298.00	-1923.49	-1265.32	28.93	9.613e+04	1.632e+04	3.771e+04
1	37	302.50	-1630.34	-954.38	41.48	8.794e+04	1.154e+04	2.642e+04
1	37	307.00	-1339.95	-731.53	60.41	8.139e+04	9785.32	1.850e+04
1	37	311.50	-1095.17	-591.83	75.05	7.349e+04	9328.54	1.302e+04
1	37	316.00	-972.57	-565.78	69.92	6.088e+04	8584.72	8990.60
1	37	320.50	-1117.84	-682.96	21.49	3.854e+04	6041.54	5236.55

M_S

N memb.
-2.195e+04
-841.83

V memb.
-5170.51
1194.58

V orto
-39.56
1824.70

M memb.
-1.531e+06
4.208e+05

M orto
-1.498e+05
2.951e+05

T
-8.307e+04
3.430e+05

Macro	Tipo	Angolo 1-Z (gradi)
2	Setto	0.0

M_S	Cmb	Z cm	N memb. daN	V memb. daN	V orto daN	M memb. daN cm	M orto daN cm	T daN cm
2	7	0.0	-2.703e+04	285.73	2453.63	1.423e+06	-3.520e+05	619.56
2	7	42.50	-2.703e+04	313.63	2453.63	1.416e+06	-2.475e+05	5691.35
2	7	43.38	-2.692e+04	314.24	2320.10	1.436e+06	-2.456e+05	6017.79
2	7	44.25	-2.681e+04	315.14	2277.92	1.451e+06	-2.436e+05	6204.98
2	7	45.12	-2.669e+04	316.20	2283.93	1.462e+06	-2.414e+05	6372.30
2	7	46.00	-2.658e+04	317.76	2304.93	1.468e+06	-2.392e+05	6581.78
2	7	46.88	-2.647e+04	318.61	2330.19	1.470e+06	-2.369e+05	6872.80
2	7	47.75	-2.635e+04	317.11	2354.79	1.467e+06	-2.346e+05	7239.09
2	7	48.62	-2.623e+04	311.34	2373.34	1.459e+06	-2.322e+05	7630.95
2	7	49.50	-2.610e+04	297.30	2372.72	1.445e+06	-2.298e+05	7938.21
2	7	50.38	-2.596e+04	264.87	2314.85	1.426e+06	-2.278e+05	8082.90
2	7	51.25	-2.580e+04	292.89	2166.75	1.399e+06	-2.259e+05	8082.15
2	7	85.00	-2.580e+04	292.45	2166.75	1.396e+06	-1.430e+05	1.236e+04
2	7	86.75	-2.570e+04	291.17	2147.08	1.415e+06	-1.388e+05	1.273e+04
2	7	88.50	-2.559e+04	290.12	2130.19	1.430e+06	-1.346e+05	1.306e+04
2	7	90.25	-2.548e+04	292.03	2125.75	1.440e+06	-1.303e+05	1.347e+04
2	7	92.00	-2.537e+04	295.62	2127.31	1.446e+06	-1.260e+05	1.391e+04
2	7	93.75	-2.525e+04	299.13	2130.35	1.447e+06	-1.215e+05	1.438e+04
2	7	95.50	-2.513e+04	300.78	2132.41	1.443e+06	-1.171e+05	1.484e+04
2	7	97.25	-2.500e+04	299.58	2130.20	1.434e+06	-1.126e+05	1.527e+04
2	7	99.00	-2.486e+04	296.62	2117.90	1.420e+06	-1.083e+05	1.568e+04
2	7	100.75	-2.471e+04	303.51	2091.23	1.399e+06	-1.040e+05	1.607e+04
2	7	102.50	-2.458e+04	306.13	2061.50	1.374e+06	-9.978e+04	1.630e+04
2	7	127.50	-2.458e+04	278.71	2061.50	1.376e+06	-3.854e+04	2.070e+04
2	7	130.12	-2.447e+04	275.56	2078.33	1.396e+06	-3.219e+04	2.119e+04
2	7	132.75	-2.437e+04	274.69	2085.12	1.410e+06	-2.575e+04	2.174e+04
2	7	135.38	-2.427e+04	279.32	2079.50	1.419e+06	-1.920e+04	2.234e+04
2	7	138.00	-2.416e+04	287.38	2065.30	1.424e+06	-1.257e+04	2.305e+04
2	7	140.62	-2.405e+04	294.98	2047.86	1.425e+06	-5934.39	2.388e+04
2	7	143.25	-2.392e+04	300.62	2030.89	1.420e+06	646.58	2.478e+04
2	7	145.88	-2.379e+04	305.41	2016.59	1.411e+06	7142.37	2.570e+04
2	7	148.50	-2.364e+04	311.58	2006.76	1.396e+06	1.354e+04	2.659e+04

2	7	151.12	-2.349e+04	317.48	2003.36	1.375e+06	1.987e+04	2.741e+04
2	7	153.75	-2.334e+04	317.07	2008.27	1.349e+06	2.616e+04	2.807e+04
2	7	170.00	-2.334e+04	275.77	2008.27	1.354e+06	6.582e+04	3.215e+04
2	7	173.50	-2.323e+04	266.52	2078.42	1.375e+06	7.420e+04	3.295e+04
2	7	177.00	-2.315e+04	266.23	2107.08	1.388e+06	8.300e+04	3.394e+04
2	7	180.50	-2.306e+04	278.56	2089.95	1.396e+06	9.206e+04	3.511e+04
2	7	184.00	-2.296e+04	290.73	2050.98	1.401e+06	1.011e+05	3.668e+04
2	7	187.50	-2.284e+04	296.07	2008.46	1.402e+06	1.100e+05	3.858e+04
2	7	191.00	-2.271e+04	297.69	1970.83	1.398e+06	1.186e+05	4.061e+04
2	7	194.50	-2.257e+04	301.10	1943.95	1.388e+06	1.270e+05	4.260e+04
2	7	198.00	-2.242e+04	310.97	1936.47	1.373e+06	1.353e+05	4.444e+04
2	7	201.50	-2.226e+04	323.31	1956.89	1.351e+06	1.434e+05	4.606e+04
2	7	205.00	-2.208e+04	320.72	2007.19	1.322e+06	1.516e+05	4.711e+04
2	7	212.50	-2.209e+04	290.94	2007.19	1.328e+06	1.698e+05	4.970e+04
2	7	216.88	-2.198e+04	281.16	2224.66	1.350e+06	1.797e+05	5.132e+04
2	7	221.25	-2.195e+04	303.18	2248.61	1.357e+06	1.918e+05	5.314e+04
2	7	225.62	-2.186e+04	332.02	2174.89	1.367e+06	2.041e+05	5.595e+04
2	7	230.00	-2.174e+04	326.35	2089.24	1.375e+06	2.157e+05	6.013e+04
2	7	234.38	-2.161e+04	302.36	2015.04	1.377e+06	2.266e+05	6.468e+04
2	7	238.75	-2.148e+04	276.59	1951.88	1.374e+06	2.369e+05	6.912e+04
2	7	243.12	-2.135e+04	260.62	1901.90	1.366e+06	2.468e+05	7.326e+04
2	7	247.50	-2.121e+04	267.62	1884.05	1.352e+06	2.563e+05	7.700e+04
2	7	251.88	-2.104e+04	318.09	1937.48	1.329e+06	2.655e+05	8.033e+04
2	7	255.00	-2.089e+04	315.55	2043.95	1.307e+06	2.721e+05	8.064e+04
2	7	256.25	-2.070e+04	202.59	2192.16	1.308e+06	2.749e+05	8.293e+04
2	7	260.25	-2.098e+04	609.79	2530.16	1.265e+06	2.842e+05	8.951e+04
2	7	265.50	-2.084e+04	677.10	2273.75	1.291e+06	3.045e+05	9.252e+04
2	7	270.75	-2.067e+04	596.43	2058.91	1.313e+06	3.201e+05	1.039e+05
2	7	276.00	-2.052e+04	466.38	1926.61	1.327e+06	3.330e+05	1.152e+05
2	7	281.25	-2.041e+04	334.84	1831.90	1.334e+06	3.447e+05	1.255e+05
2	7	286.50	-2.030e+04	215.69	1743.27	1.335e+06	3.558e+05	1.348e+05
2	7	291.75	-2.019e+04	120.03	1643.49	1.329e+06	3.663e+05	1.433e+05
2	7	297.00	-2.005e+04	67.55	1545.12	1.311e+06	3.761e+05	1.514e+05
2	7	297.50	-2.007e+04	22.77	1549.73	1.314e+06	3.775e+05	1.516e+05
2	7	302.25	-2.007e+04	-1338.25	-607.70	1.271e+06	4.037e+05	1.524e+05
2	7	303.62	-2.044e+04	-720.01	-1194.59	1.288e+06	4.623e+05	2.239e+05
2	7	307.50	-1.894e+04	-586.52	-1421.31	1.258e+06	4.480e+05	2.633e+05
2	7	309.75	-1.933e+04	-327.62	-1635.27	1.215e+06	4.587e+05	2.953e+05
2	7	315.88	-1.901e+04	-552.97	-1774.80	1.274e+06	4.643e+05	3.417e+05
2	7	322.00	-1.886e+04	-623.00	-1830.81	1.309e+06	4.722e+05	3.794e+05
2	7	328.12	-1.875e+04	-661.00	-1890.15	1.337e+06	4.807e+05	4.125e+05
2	7	334.25	-1.867e+04	-691.33	-1987.53	1.360e+06	4.891e+05	4.426e+05
2	7	340.00	-1.861e+04	-681.46	-2157.54	1.376e+06	4.964e+05	4.683e+05
2	7	340.38	-1.809e+04	-1147.69	-2070.07	1.459e+06	4.491e+05	4.189e+05
2	7	346.50	-1.425e+04	-2922.05	-838.78	1.858e+06	2.143e+05	4.525e+04
2	7	347.00	-1.455e+04	-2758.95	-782.80	1.837e+06	2.418e+05	4.854e+04
2	7	352.62	-1.175e+04	-2231.77	-1199.85	1.807e+06	2.116e+05	-5.563e+04
2	7	354.00	-1.279e+04	-3010.74	-1535.30	1.796e+06	2.575e+05	-9.956e+04
2	7	358.75	-1.305e+04	581.63	-2899.62	1.711e+06	1.571e+05	-8857.30
2	7	361.00	-1.301e+04	884.87	-2824.30	1.615e+06	1.644e+05	-4.135e+04
2	7	368.00	-1.273e+04	1726.04	-2686.98	1.344e+06	1.849e+05	-1.337e+05
2	7	375.00	-1.247e+04	2488.88	-2572.30	1.081e+06	2.055e+05	-2.141e+05
2	7	382.00	-1.223e+04	3129.57	-2440.07	8.274e+05	2.257e+05	-2.833e+05
2	7	389.00	-1.202e+04	3525.70	-2250.39	5.811e+05	2.453e+05	-3.377e+05
2	7	396.00	-1.188e+04	3350.94	-1938.83	3.392e+05	2.612e+05	-3.655e+05
2	7	403.00	-9833.88	2940.68	-1349.61	1.280e+05	2.520e+05	-3.232e+05
2	8	0.0	-2.703e+04	285.14	2453.84	1.423e+06	-3.520e+05	618.58
2	8	42.50	-2.703e+04	313.04	2453.84	1.416e+06	-2.476e+05	5684.07
2	8	43.38	-2.692e+04	313.65	2320.29	1.435e+06	-2.456e+05	6010.40
2	8	44.25	-2.681e+04	314.55	2278.10	1.451e+06	-2.437e+05	6197.46
2	8	45.12	-2.669e+04	315.61	2284.10	1.461e+06	-2.415e+05	6364.65
2	8	46.00	-2.658e+04	317.17	2305.11	1.468e+06	-2.393e+05	6573.98
2	8	46.88	-2.647e+04	318.02	2330.36	1.469e+06	-2.370e+05	6864.86
2	8	47.75	-2.635e+04	316.52	2354.97	1.466e+06	-2.347e+05	7231.02
2	8	48.62	-2.623e+04	310.75	2373.51	1.458e+06	-2.323e+05	7622.74
2	8	49.50	-2.610e+04	296.71	2372.90	1.445e+06	-2.299e+05	7929.86
2	8	50.38	-2.596e+04	264.29	2315.02	1.426e+06	-2.278e+05	8074.46
2	8	51.25	-2.580e+04	292.30	2166.94	1.399e+06	-2.259e+05	8073.71
2	8	85.00	-2.580e+04	291.86	2166.94	1.396e+06	-1.430e+05	1.235e+04
2	8	86.75	-2.570e+04	290.58	2147.26	1.415e+06	-1.388e+05	1.272e+04
2	8	88.50	-2.559e+04	289.53	2130.36	1.430e+06	-1.346e+05	1.305e+04
2	8	90.25	-2.548e+04	291.44	2125.92	1.440e+06	-1.304e+05	1.346e+04
2	8	92.00	-2.537e+04	295.03	2127.47	1.446e+06	-1.260e+05	1.390e+04
2	8	93.75	-2.525e+04	298.54	2130.52	1.447e+06	-1.216e+05	1.436e+04
2	8	95.50	-2.513e+04	300.19	2132.58	1.443e+06	-1.171e+05	1.483e+04
2	8	97.25	-2.500e+04	298.99	2130.36	1.434e+06	-1.127e+05	1.526e+04
2	8	99.00	-2.486e+04	296.03	2118.07	1.419e+06	-1.083e+05	1.567e+04

2	8	100.75	-2.471e+04	302.92	2091.40	1.398e+06	-1.040e+05	1.606e+04
2	8	102.50	-2.458e+04	305.54	2061.67	1.374e+06	-9.982e+04	1.628e+04
2	8	127.50	-2.458e+04	278.12	2061.67	1.376e+06	-3.856e+04	2.069e+04
2	8	130.12	-2.447e+04	274.97	2078.50	1.396e+06	-3.222e+04	2.117e+04
2	8	132.75	-2.437e+04	274.10	2085.29	1.410e+06	-2.578e+04	2.172e+04
2	8	135.38	-2.427e+04	278.73	2079.67	1.419e+06	-1.922e+04	2.233e+04
2	8	138.00	-2.416e+04	286.80	2065.46	1.424e+06	-1.259e+04	2.304e+04
2	8	140.62	-2.405e+04	294.39	2048.02	1.424e+06	-5960.09	2.386e+04
2	8	143.25	-2.392e+04	300.03	2031.05	1.420e+06	621.37	2.477e+04
2	8	145.88	-2.379e+04	304.82	2016.75	1.411e+06	7117.64	2.569e+04
2	8	148.50	-2.364e+04	310.99	2006.92	1.396e+06	1.352e+04	2.658e+04
2	8	151.12	-2.349e+04	316.89	2003.52	1.375e+06	1.985e+04	2.740e+04
2	8	153.75	-2.334e+04	316.48	2008.43	1.348e+06	2.614e+04	2.806e+04
2	8	170.00	-2.334e+04	275.18	2008.43	1.354e+06	6.580e+04	3.214e+04
2	8	173.50	-2.323e+04	265.93	2078.59	1.375e+06	7.418e+04	3.293e+04
2	8	177.00	-2.315e+04	265.64	2107.24	1.388e+06	8.299e+04	3.393e+04
2	8	180.50	-2.306e+04	277.98	2090.11	1.396e+06	9.204e+04	3.509e+04
2	8	184.00	-2.296e+04	290.14	2051.14	1.401e+06	1.011e+05	3.667e+04
2	8	187.50	-2.284e+04	295.48	2008.61	1.402e+06	1.100e+05	3.857e+04
2	8	191.00	-2.271e+04	297.10	1970.98	1.397e+06	1.186e+05	4.059e+04
2	8	194.50	-2.257e+04	300.50	1944.10	1.388e+06	1.270e+05	4.258e+04
2	8	198.00	-2.242e+04	310.38	1936.62	1.373e+06	1.352e+05	4.442e+04
2	8	201.50	-2.226e+04	322.71	1957.04	1.351e+06	1.434e+05	4.605e+04
2	8	205.00	-2.208e+04	320.13	2007.34	1.322e+06	1.516e+05	4.710e+04
2	8	212.50	-2.209e+04	290.35	2007.34	1.328e+06	1.698e+05	4.968e+04
2	8	216.88	-2.198e+04	280.57	2224.82	1.350e+06	1.797e+05	5.130e+04
2	8	221.25	-2.195e+04	302.60	2248.78	1.357e+06	1.918e+05	5.313e+04
2	8	225.62	-2.186e+04	331.44	2175.05	1.367e+06	2.041e+05	5.594e+04
2	8	230.00	-2.174e+04	325.76	2089.40	1.375e+06	2.157e+05	6.012e+04
2	8	234.38	-2.161e+04	301.77	2015.19	1.377e+06	2.265e+05	6.467e+04
2	8	238.75	-2.148e+04	276.00	1952.03	1.374e+06	2.369e+05	6.911e+04
2	8	243.12	-2.135e+04	260.03	1902.04	1.366e+06	2.468e+05	7.324e+04
2	8	247.50	-2.121e+04	267.02	1884.20	1.352e+06	2.563e+05	7.698e+04
2	8	251.88	-2.104e+04	317.50	1937.63	1.329e+06	2.655e+05	8.031e+04
2	8	255.00	-2.089e+04	314.96	2044.10	1.307e+06	2.721e+05	8.062e+04
2	8	256.25	-2.070e+04	202.00	2192.32	1.308e+06	2.749e+05	8.292e+04
2	8	260.25	-2.098e+04	609.20	2530.32	1.265e+06	2.842e+05	8.949e+04
2	8	265.50	-2.084e+04	676.52	2273.91	1.291e+06	3.045e+05	9.251e+04
2	8	270.75	-2.067e+04	595.83	2059.06	1.313e+06	3.201e+05	1.039e+05
2	8	276.00	-2.052e+04	465.77	1926.76	1.327e+06	3.330e+05	1.152e+05
2	8	281.25	-2.041e+04	334.24	1832.05	1.334e+06	3.447e+05	1.255e+05
2	8	286.50	-2.030e+04	215.10	1743.41	1.335e+06	3.558e+05	1.348e+05
2	8	291.75	-2.019e+04	119.45	1643.62	1.329e+06	3.663e+05	1.433e+05
2	8	297.00	-2.005e+04	66.98	1545.25	1.311e+06	3.761e+05	1.514e+05
2	8	297.50	-2.007e+04	22.20	1549.86	1.314e+06	3.775e+05	1.516e+05
2	8	302.25	-2.007e+04	-1338.76	-607.58	1.271e+06	4.037e+05	1.524e+05
2	8	303.62	-2.044e+04	-720.59	-1194.47	1.288e+06	4.623e+05	2.239e+05
2	8	307.50	-1.894e+04	-587.16	-1421.20	1.258e+06	4.480e+05	2.633e+05
2	8	309.75	-1.933e+04	-328.29	-1635.17	1.215e+06	4.587e+05	2.953e+05
2	8	315.88	-1.901e+04	-553.57	-1774.72	1.274e+06	4.643e+05	3.417e+05
2	8	322.00	-1.886e+04	-623.52	-1830.74	1.309e+06	4.722e+05	3.794e+05
2	8	328.12	-1.875e+04	-661.43	-1890.08	1.337e+06	4.807e+05	4.125e+05
2	8	334.25	-1.867e+04	-691.67	-1987.47	1.360e+06	4.891e+05	4.426e+05
2	8	340.00	-1.861e+04	-681.72	-2157.48	1.376e+06	4.964e+05	4.683e+05
2	8	340.38	-1.809e+04	-1147.93	-2070.01	1.459e+06	4.491e+05	4.189e+05
2	8	346.50	-1.425e+04	-2922.12	-838.76	1.858e+06	2.143e+05	4.525e+04
2	8	347.00	-1.455e+04	-2759.00	-782.79	1.837e+06	2.418e+05	4.853e+04
2	8	352.62	-1.175e+04	-2231.72	-1199.84	1.807e+06	2.116e+05	-5.563e+04
2	8	354.00	-1.279e+04	-3010.71	-1535.30	1.796e+06	2.575e+05	-9.957e+04
2	8	358.75	-1.305e+04	581.60	-2899.64	1.711e+06	1.571e+05	-8861.11
2	8	361.00	-1.301e+04	884.83	-2824.32	1.615e+06	1.644e+05	-4.135e+04
2	8	368.00	-1.273e+04	1725.97	-2686.99	1.344e+06	1.849e+05	-1.337e+05
2	8	375.00	-1.247e+04	2488.79	-2572.31	1.081e+06	2.055e+05	-2.141e+05
2	8	382.00	-1.223e+04	3129.46	-2440.08	8.274e+05	2.257e+05	-2.833e+05
2	8	389.00	-1.202e+04	3525.57	-2250.41	5.811e+05	2.453e+05	-3.377e+05
2	8	396.00	-1.188e+04	3350.80	-1938.84	3.392e+05	2.612e+05	-3.655e+05
2	8	403.00	-9833.76	2940.59	-1349.62	1.280e+05	2.520e+05	-3.232e+05
2	23	0.0	-1.811e+04	147.16	1517.54	8.584e+05	-2.172e+05	168.68
2	23	42.50	-1.812e+04	167.12	1517.54	8.553e+05	-1.526e+05	2010.19
2	23	43.38	-1.803e+04	167.41	1431.87	8.705e+05	-1.514e+05	2191.05
2	23	44.25	-1.794e+04	168.34	1405.09	8.823e+05	-1.502e+05	2279.99
2	23	45.12	-1.786e+04	168.98	1408.76	8.907e+05	-1.488e+05	2354.64
2	23	46.00	-1.777e+04	169.83	1421.81	8.956e+05	-1.475e+05	2455.60
2	23	46.88	-1.768e+04	170.21	1437.47	8.970e+05	-1.461e+05	2607.91
2	23	47.75	-1.759e+04	169.10	1452.70	8.948e+05	-1.446e+05	2807.92
2	23	48.62	-1.749e+04	165.29	1464.19	8.887e+05	-1.431e+05	3025.29
2	23	49.50	-1.740e+04	156.22	1464.00	8.786e+05	-1.417e+05	3193.26

2	23	50.38	-1.729e+04	135.28	1429.13	8.638e+05	-1.404e+05	3266.04
2	23	51.25	-1.717e+04	151.84	1340.28	8.436e+05	-1.392e+05	3255.71
2	23	85.00	-1.717e+04	152.43	1340.28	8.429e+05	-8.793e+04	5364.55
2	23	86.75	-1.709e+04	151.59	1327.28	8.578e+05	-8.534e+04	5565.18
2	23	88.50	-1.700e+04	150.72	1316.33	8.695e+05	-8.275e+04	5748.81
2	23	90.25	-1.692e+04	151.88	1313.40	8.776e+05	-8.010e+04	5975.48
2	23	92.00	-1.683e+04	154.05	1314.31	8.821e+05	-7.740e+04	6229.05
2	23	93.75	-1.675e+04	156.14	1316.17	8.832e+05	-7.466e+04	6498.09
2	23	95.50	-1.665e+04	157.05	1317.45	8.806e+05	-7.190e+04	6769.14
2	23	97.25	-1.655e+04	156.15	1316.16	8.740e+05	-6.916e+04	7024.21
2	23	99.00	-1.645e+04	154.16	1308.78	8.630e+05	-6.645e+04	7264.74
2	23	100.75	-1.633e+04	158.59	1292.78	8.472e+05	-6.381e+04	7498.98
2	23	102.50	-1.623e+04	160.33	1275.04	8.287e+05	-6.121e+04	7630.75
2	23	127.50	-1.623e+04	143.18	1275.04	8.306e+05	-2.332e+04	1.025e+04
2	23	130.12	-1.615e+04	141.34	1285.43	8.460e+05	-1.940e+04	1.054e+04
2	23	132.75	-1.607e+04	140.78	1289.60	8.571e+05	-1.541e+04	1.087e+04
2	23	135.38	-1.599e+04	143.66	1286.06	8.646e+05	-1.136e+04	1.124e+04
2	23	138.00	-1.590e+04	148.67	1277.19	8.688e+05	-7260.35	1.168e+04
2	23	140.62	-1.581e+04	153.36	1266.33	8.697e+05	-3157.04	1.219e+04
2	23	143.25	-1.572e+04	156.80	1255.80	8.668e+05	913.93	1.275e+04
2	23	145.88	-1.562e+04	159.73	1246.95	8.599e+05	4932.25	1.333e+04
2	23	148.50	-1.551e+04	163.61	1240.89	8.487e+05	8893.10	1.390e+04
2	23	151.12	-1.539e+04	167.43	1238.77	8.331e+05	1.281e+04	1.441e+04
2	23	153.75	-1.528e+04	167.36	1241.73	8.132e+05	1.670e+04	1.484e+04
2	23	170.00	-1.528e+04	141.04	1241.73	8.174e+05	4.122e+04	1.747e+04
2	23	173.50	-1.520e+04	135.36	1285.94	8.335e+05	4.640e+04	1.798e+04
2	23	177.00	-1.513e+04	135.28	1304.10	8.437e+05	5.185e+04	1.862e+04
2	23	180.50	-1.506e+04	143.12	1293.50	8.506e+05	5.745e+04	1.937e+04
2	23	184.00	-1.498e+04	150.78	1269.22	8.549e+05	6.306e+04	2.038e+04
2	23	187.50	-1.488e+04	154.10	1242.76	8.558e+05	6.855e+04	2.160e+04
2	23	191.00	-1.479e+04	155.06	1219.40	8.529e+05	7.389e+04	2.290e+04
2	23	194.50	-1.468e+04	157.15	1202.72	8.460e+05	7.909e+04	2.418e+04
2	23	198.00	-1.457e+04	163.35	1197.92	8.348e+05	8.419e+04	2.538e+04
2	23	201.50	-1.445e+04	171.18	1210.09	8.187e+05	8.923e+04	2.644e+04
2	23	205.00	-1.432e+04	169.67	1240.38	7.970e+05	9.429e+04	2.716e+04
2	23	212.50	-1.432e+04	150.51	1240.38	8.012e+05	1.055e+05	2.889e+04
2	23	216.88	-1.424e+04	144.37	1377.56	8.182e+05	1.117e+05	2.997e+04
2	23	221.25	-1.421e+04	158.39	1392.98	8.248e+05	1.192e+05	3.119e+04
2	23	225.62	-1.413e+04	176.64	1346.92	8.329e+05	1.267e+05	3.302e+04
2	23	230.00	-1.404e+04	173.03	1293.43	8.388e+05	1.339e+05	3.573e+04
2	23	234.38	-1.394e+04	157.95	1247.28	8.409e+05	1.407e+05	3.867e+04
2	23	238.75	-1.384e+04	141.81	1208.21	8.388e+05	1.470e+05	4.154e+04
2	23	243.12	-1.374e+04	131.82	1177.38	8.325e+05	1.532e+05	4.423e+04
2	23	247.50	-1.364e+04	136.15	1166.21	8.221e+05	1.590e+05	4.667e+04
2	23	251.88	-1.351e+04	167.86	1198.34	8.056e+05	1.648e+05	4.887e+04
2	23	255.00	-1.341e+04	166.41	1262.72	7.895e+05	1.688e+05	4.918e+04
2	23	256.25	-1.328e+04	95.11	1355.12	7.896e+05	1.706e+05	5.068e+04
2	23	260.25	-1.344e+04	351.75	1568.38	7.647e+05	1.763e+05	5.495e+04
2	23	265.50	-1.334e+04	394.07	1407.57	7.838e+05	1.889e+05	5.701e+04
2	23	270.75	-1.322e+04	342.41	1272.72	7.993e+05	1.985e+05	6.435e+04
2	23	276.00	-1.310e+04	260.31	1189.99	8.094e+05	2.065e+05	7.164e+04
2	23	281.25	-1.301e+04	177.74	1131.23	8.142e+05	2.138e+05	7.828e+04
2	23	286.50	-1.293e+04	103.21	1076.74	8.146e+05	2.206e+05	8.433e+04
2	23	291.75	-1.284e+04	43.45	1015.77	8.097e+05	2.271e+05	8.986e+04
2	23	297.00	-1.273e+04	10.11	955.83	7.971e+05	2.331e+05	9.513e+04
2	23	297.50	-1.275e+04	-17.64	958.60	7.987e+05	2.340e+05	9.531e+04
2	23	302.25	-1.272e+04	-874.66	-396.90	7.722e+05	2.505e+05	9.593e+04
2	23	303.62	-1.294e+04	-484.08	-766.47	7.826e+05	2.873e+05	1.412e+05
2	23	307.50	-1.197e+04	-404.51	-912.62	7.633e+05	2.783e+05	1.661e+05
2	23	309.75	-1.221e+04	-242.53	-1047.32	7.369e+05	2.849e+05	1.865e+05
2	23	315.88	-1.199e+04	-383.98	-1134.84	7.758e+05	2.882e+05	2.161e+05
2	23	322.00	-1.188e+04	-426.60	-1169.36	7.988e+05	2.930e+05	2.403e+05
2	23	328.12	-1.180e+04	-448.28	-1205.41	8.169e+05	2.981e+05	2.615e+05
2	23	334.25	-1.173e+04	-464.55	-1264.43	8.313e+05	3.032e+05	2.809e+05
2	23	340.00	-1.168e+04	-455.38	-1367.49	8.407e+05	3.077e+05	2.975e+05
2	23	340.38	-1.135e+04	-749.40	-1312.46	8.935e+05	2.779e+05	2.664e+05
2	23	346.50	-8898.11	-1863.39	-533.40	1.148e+06	1.299e+05	3.153e+04
2	23	347.00	-9081.92	-1757.34	-496.82	1.134e+06	1.472e+05	3.371e+04
2	23	352.62	-7324.43	-1418.56	-740.26	1.118e+06	1.282e+05	-3.153e+04
2	23	354.00	-7973.39	-1887.91	-941.56	1.111e+06	1.561e+05	-5.831e+04
2	23	358.75	-8119.72	357.83	-1766.28	1.058e+06	9.523e+04	-3975.86
2	23	361.00	-8091.16	549.08	-1719.03	9.989e+05	9.963e+04	-2.388e+04
2	23	368.00	-7913.28	1075.79	-1633.47	8.313e+05	1.121e+05	-8.038e+04
2	23	375.00	-7742.73	1554.51	-1562.73	6.689e+05	1.246e+05	-1.294e+05
2	23	382.00	-7580.74	1958.16	-1481.86	5.120e+05	1.369e+05	-1.715e+05
2	23	389.00	-7444.81	2210.34	-1366.43	3.598e+05	1.487e+05	-2.046e+05
2	23	396.00	-7347.68	2104.79	-1177.21	2.103e+05	1.584e+05	-2.216e+05

2	23	403.00	-6084.78	1831.76	-819.58	7.980e+04	1.528e+05	-1.959e+05
2	31	0.0	-2.023e+04	204.77	1809.57	1.045e+06	-2.595e+05	412.53
2	31	42.50	-2.023e+04	225.92	1809.57	1.040e+06	-1.824e+05	3885.09
2	31	43.38	-2.014e+04	226.35	1710.44	1.055e+06	-1.810e+05	4121.50
2	31	44.25	-2.006e+04	227.09	1679.20	1.067e+06	-1.796e+05	4254.01
2	31	45.12	-1.997e+04	227.87	1683.62	1.075e+06	-1.780e+05	4371.45
2	31	46.00	-1.988e+04	229.00	1699.12	1.080e+06	-1.763e+05	4520.02
2	31	46.88	-1.980e+04	229.60	1717.76	1.082e+06	-1.746e+05	4728.93
2	31	47.75	-1.971e+04	228.45	1735.91	1.079e+06	-1.729e+05	4993.60
2	31	48.62	-1.961e+04	224.14	1749.59	1.073e+06	-1.712e+05	5277.45
2	31	49.50	-1.951e+04	213.71	1749.18	1.063e+06	-1.694e+05	5499.51
2	31	50.38	-1.941e+04	189.60	1706.69	1.048e+06	-1.679e+05	5602.77
2	31	51.25	-1.929e+04	210.11	1598.03	1.027e+06	-1.665e+05	5600.16
2	31	85.00	-1.929e+04	209.97	1598.03	1.025e+06	-1.053e+05	8645.22
2	31	86.75	-1.920e+04	209.01	1583.35	1.040e+06	-1.023e+05	8909.86
2	31	88.50	-1.912e+04	208.19	1570.78	1.052e+06	-9.916e+04	9153.11
2	31	90.25	-1.904e+04	209.59	1567.48	1.060e+06	-9.601e+04	9445.62
2	31	92.00	-1.895e+04	212.23	1568.61	1.064e+06	-9.278e+04	9768.46
2	31	93.75	-1.886e+04	214.80	1570.86	1.065e+06	-8.952e+04	1.011e+04
2	31	95.50	-1.877e+04	216.00	1572.38	1.062e+06	-8.623e+04	1.045e+04
2	31	97.25	-1.867e+04	215.08	1570.76	1.055e+06	-8.295e+04	1.076e+04
2	31	99.00	-1.856e+04	212.86	1561.74	1.044e+06	-7.973e+04	1.106e+04
2	31	100.75	-1.845e+04	217.98	1542.17	1.028e+06	-7.658e+04	1.135e+04
2	31	102.50	-1.834e+04	219.93	1520.38	1.009e+06	-7.348e+04	1.151e+04
2	31	127.50	-1.834e+04	199.67	1520.38	1.011e+06	-2.830e+04	1.474e+04
2	31	130.12	-1.826e+04	197.37	1532.79	1.026e+06	-2.362e+04	1.509e+04
2	31	132.75	-1.818e+04	196.72	1537.79	1.037e+06	-1.887e+04	1.550e+04
2	31	135.38	-1.810e+04	200.14	1533.63	1.044e+06	-1.404e+04	1.595e+04
2	31	138.00	-1.802e+04	206.09	1523.14	1.048e+06	-9151.32	1.647e+04
2	31	140.62	-1.793e+04	211.70	1510.26	1.048e+06	-4259.13	1.708e+04
2	31	143.25	-1.784e+04	215.84	1497.74	1.045e+06	594.57	1.775e+04
2	31	145.88	-1.773e+04	219.37	1487.20	1.038e+06	5385.44	1.843e+04
2	31	148.50	-1.762e+04	223.94	1479.95	1.027e+06	1.011e+04	1.909e+04
2	31	151.12	-1.751e+04	228.32	1477.43	1.011e+06	1.478e+04	1.969e+04
2	31	153.75	-1.739e+04	228.06	1481.04	9.904e+05	1.942e+04	2.018e+04
2	31	170.00	-1.739e+04	197.44	1481.04	9.948e+05	4.866e+04	2.322e+04
2	31	173.50	-1.731e+04	190.62	1532.95	1.011e+06	5.484e+04	2.380e+04
2	31	177.00	-1.724e+04	190.43	1554.18	1.021e+06	6.133e+04	2.454e+04
2	31	180.50	-1.718e+04	199.57	1541.54	1.027e+06	6.801e+04	2.541e+04
2	31	184.00	-1.710e+04	208.57	1512.77	1.031e+06	7.470e+04	2.658e+04
2	31	187.50	-1.700e+04	212.51	1481.37	1.032e+06	8.124e+04	2.799e+04
2	31	191.00	-1.690e+04	213.70	1453.60	1.028e+06	8.760e+04	2.949e+04
2	31	194.50	-1.680e+04	216.21	1433.77	1.021e+06	9.381e+04	3.097e+04
2	31	198.00	-1.669e+04	223.51	1428.21	1.010e+06	9.988e+04	3.234e+04
2	31	201.50	-1.656e+04	232.65	1443.18	9.931e+05	1.059e+05	3.355e+04
2	31	205.00	-1.643e+04	230.76	1480.10	9.706e+05	1.119e+05	3.434e+04
2	31	212.50	-1.643e+04	208.64	1480.10	9.754e+05	1.253e+05	3.627e+04
2	31	216.88	-1.635e+04	201.41	1641.05	9.925e+05	1.327e+05	3.749e+04
2	31	221.25	-1.632e+04	217.73	1658.85	9.980e+05	1.416e+05	3.885e+04
2	31	225.62	-1.625e+04	239.09	1604.38	1.006e+06	1.506e+05	4.094e+04
2	31	230.00	-1.616e+04	234.88	1541.10	1.012e+06	1.592e+05	4.405e+04
2	31	234.38	-1.606e+04	217.15	1486.32	1.014e+06	1.672e+05	4.743e+04
2	31	238.75	-1.596e+04	198.10	1439.74	1.011e+06	1.748e+05	5.073e+04
2	31	243.12	-1.586e+04	186.30	1402.89	1.005e+06	1.821e+05	5.381e+04
2	31	247.50	-1.575e+04	191.46	1389.70	9.942e+05	1.891e+05	5.659e+04
2	31	251.88	-1.562e+04	228.79	1428.92	9.771e+05	1.959e+05	5.908e+04
2	31	255.00	-1.551e+04	226.94	1507.14	9.602e+05	2.008e+05	5.933e+04
2	31	256.25	-1.537e+04	143.33	1616.60	9.605e+05	2.029e+05	6.104e+04
2	31	260.25	-1.557e+04	444.65	1866.76	9.293e+05	2.097e+05	6.593e+04
2	31	265.50	-1.546e+04	494.43	1677.18	9.494e+05	2.247e+05	6.820e+04
2	31	270.75	-1.534e+04	434.58	1518.32	9.659e+05	2.362e+05	7.667e+04
2	31	276.00	-1.522e+04	338.31	1420.56	9.767e+05	2.457e+05	8.508e+04
2	31	281.25	-1.513e+04	241.04	1350.67	9.819e+05	2.544e+05	9.271e+04
2	31	286.50	-1.505e+04	152.98	1285.37	9.825e+05	2.625e+05	9.965e+04
2	31	291.75	-1.497e+04	82.30	1211.94	9.775e+05	2.702e+05	1.060e+05
2	31	297.00	-1.486e+04	43.40	1139.57	9.642e+05	2.775e+05	1.120e+05
2	31	297.50	-1.487e+04	10.36	1142.96	9.663e+05	2.785e+05	1.122e+05
2	31	302.25	-1.487e+04	-996.67	-452.65	9.348e+05	2.979e+05	1.128e+05
2	31	303.62	-1.514e+04	-538.93	-886.88	9.470e+05	3.412e+05	1.657e+05
2	31	307.50	-1.402e+04	-441.06	-1055.33	9.250e+05	3.307e+05	1.949e+05
2	31	309.75	-1.431e+04	-249.72	-1213.62	8.934e+05	3.386e+05	2.186e+05
2	31	315.88	-1.407e+04	-416.39	-1316.78	9.373e+05	3.427e+05	2.530e+05
2	31	322.00	-1.395e+04	-467.94	-1358.07	9.633e+05	3.484e+05	2.810e+05
2	31	328.12	-1.387e+04	-495.62	-1401.69	9.840e+05	3.547e+05	3.056e+05
2	31	334.25	-1.381e+04	-517.52	-1473.26	1.001e+06	3.609e+05	3.279e+05
2	31	340.00	-1.376e+04	-509.64	-1598.21	1.013e+06	3.662e+05	3.470e+05
2	31	340.38	-1.338e+04	-854.70	-1533.50	1.074e+06	3.312e+05	3.105e+05

2	31	346.50	-1.053e+04	-2166.92	-621.69	1.370e+06	1.575e+05	3.412e+04
2	31	347.00	-1.075e+04	-2045.55	-580.00	1.354e+06	1.778e+05	3.657e+04
2	31	352.62	-8679.17	-1654.07	-884.56	1.333e+06	1.555e+05	-4.042e+04
2	31	354.00	-9447.83	-2225.99	-1130.67	1.325e+06	1.892e+05	-7.274e+04
2	31	358.75	-9634.95	428.61	-2132.92	1.262e+06	1.155e+05	-6217.10
2	31	361.00	-9603.27	653.05	-2077.23	1.191e+06	1.208e+05	-3.014e+04
2	31	368.00	-9400.04	1274.83	-1975.82	9.913e+05	1.359e+05	-9.815e+04
2	31	375.00	-9205.46	1838.94	-1891.27	7.975e+05	1.510e+05	-1.573e+05
2	31	382.00	-9021.27	2313.05	-1793.94	6.103e+05	1.659e+05	-2.082e+05
2	31	389.00	-8868.32	2606.73	-1654.44	4.287e+05	1.803e+05	-2.482e+05
2	31	396.00	-8760.35	2478.37	-1425.37	2.503e+05	1.920e+05	-2.687e+05
2	31	403.00	-7253.62	2171.70	-992.22	9.455e+04	1.852e+05	-2.375e+05
2	32	0.0	-2.023e+04	204.38	1809.71	1.045e+06	-2.595e+05	411.87
2	32	42.50	-2.023e+04	225.52	1809.71	1.040e+06	-1.825e+05	3880.24
2	32	43.38	-2.014e+04	225.96	1710.57	1.055e+06	-1.810e+05	4116.58
2	32	44.25	-2.006e+04	226.70	1679.32	1.067e+06	-1.796e+05	4249.00
2	32	45.12	-1.997e+04	227.48	1683.74	1.075e+06	-1.780e+05	4366.34
2	32	46.00	-1.988e+04	228.61	1699.24	1.080e+06	-1.763e+05	4514.83
2	32	46.88	-1.980e+04	229.20	1717.87	1.081e+06	-1.747e+05	4723.64
2	32	47.75	-1.971e+04	228.06	1736.03	1.079e+06	-1.729e+05	4988.22
2	32	48.62	-1.961e+04	223.75	1749.71	1.073e+06	-1.712e+05	5271.98
2	32	49.50	-1.951e+04	213.31	1749.29	1.063e+06	-1.694e+05	5493.94
2	32	50.38	-1.941e+04	189.21	1706.80	1.048e+06	-1.679e+05	5597.14
2	32	51.25	-1.929e+04	209.72	1598.15	1.027e+06	-1.665e+05	5594.53
2	32	85.00	-1.929e+04	209.57	1598.15	1.025e+06	-1.054e+05	8637.61
2	32	86.75	-1.920e+04	208.62	1583.47	1.040e+06	-1.023e+05	8902.16
2	32	88.50	-1.912e+04	207.79	1570.90	1.052e+06	-9.919e+04	9145.31
2	32	90.25	-1.904e+04	209.20	1567.59	1.059e+06	-9.603e+04	9437.74
2	32	92.00	-1.895e+04	211.84	1568.73	1.064e+06	-9.281e+04	9760.49
2	32	93.75	-1.886e+04	214.41	1570.97	1.065e+06	-8.954e+04	1.010e+04
2	32	95.50	-1.877e+04	215.60	1572.49	1.062e+06	-8.625e+04	1.044e+04
2	32	97.25	-1.867e+04	214.68	1570.87	1.055e+06	-8.297e+04	1.076e+04
2	32	99.00	-1.856e+04	212.47	1561.85	1.044e+06	-7.975e+04	1.105e+04
2	32	100.75	-1.845e+04	217.59	1542.28	1.028e+06	-7.660e+04	1.134e+04
2	32	102.50	-1.834e+04	219.54	1520.49	1.009e+06	-7.350e+04	1.150e+04
2	32	127.50	-1.834e+04	199.28	1520.49	1.011e+06	-2.832e+04	1.473e+04
2	32	130.12	-1.826e+04	196.98	1532.90	1.026e+06	-2.364e+04	1.509e+04
2	32	132.75	-1.818e+04	196.33	1537.90	1.037e+06	-1.889e+04	1.549e+04
2	32	135.38	-1.810e+04	199.75	1533.74	1.044e+06	-1.406e+04	1.594e+04
2	32	138.00	-1.802e+04	205.70	1523.25	1.048e+06	-9168.76	1.646e+04
2	32	140.62	-1.793e+04	211.30	1510.37	1.048e+06	-4276.25	1.707e+04
2	32	143.25	-1.784e+04	215.45	1497.85	1.045e+06	577.76	1.774e+04
2	32	145.88	-1.773e+04	218.98	1487.30	1.038e+06	5368.95	1.842e+04
2	32	148.50	-1.762e+04	223.54	1480.05	1.027e+06	1.009e+04	1.908e+04
2	32	151.12	-1.751e+04	227.93	1477.54	1.011e+06	1.476e+04	1.968e+04
2	32	153.75	-1.739e+04	227.67	1481.15	9.903e+05	1.940e+04	2.017e+04
2	32	170.00	-1.739e+04	197.04	1481.15	9.947e+05	4.865e+04	2.321e+04
2	32	173.50	-1.731e+04	190.23	1533.06	1.011e+06	5.483e+04	2.379e+04
2	32	177.00	-1.724e+04	190.04	1554.29	1.021e+06	6.132e+04	2.453e+04
2	32	180.50	-1.718e+04	199.18	1541.65	1.027e+06	6.800e+04	2.540e+04
2	32	184.00	-1.710e+04	208.18	1512.87	1.031e+06	7.468e+04	2.657e+04
2	32	187.50	-1.700e+04	212.12	1481.48	1.032e+06	8.123e+04	2.798e+04
2	32	191.00	-1.690e+04	213.30	1453.70	1.028e+06	8.759e+04	2.948e+04
2	32	194.50	-1.680e+04	215.82	1433.87	1.021e+06	9.380e+04	3.096e+04
2	32	198.00	-1.669e+04	223.12	1428.32	1.010e+06	9.987e+04	3.233e+04
2	32	201.50	-1.656e+04	232.26	1443.28	9.930e+05	1.059e+05	3.354e+04
2	32	205.00	-1.643e+04	230.37	1480.21	9.706e+05	1.119e+05	3.433e+04
2	32	212.50	-1.643e+04	208.25	1480.21	9.753e+05	1.253e+05	3.626e+04
2	32	216.88	-1.635e+04	201.02	1641.16	9.924e+05	1.327e+05	3.748e+04
2	32	221.25	-1.632e+04	217.35	1658.95	9.979e+05	1.416e+05	3.884e+04
2	32	225.62	-1.625e+04	238.70	1604.48	1.006e+06	1.506e+05	4.093e+04
2	32	230.00	-1.616e+04	234.49	1541.20	1.012e+06	1.592e+05	4.404e+04
2	32	234.38	-1.606e+04	216.75	1486.42	1.014e+06	1.672e+05	4.742e+04
2	32	238.75	-1.596e+04	197.70	1439.84	1.011e+06	1.748e+05	5.072e+04
2	32	243.12	-1.586e+04	185.90	1402.99	1.005e+06	1.821e+05	5.380e+04
2	32	247.50	-1.575e+04	191.06	1389.80	9.941e+05	1.891e+05	5.659e+04
2	32	251.88	-1.562e+04	228.39	1429.02	9.770e+05	1.959e+05	5.907e+04
2	32	255.00	-1.551e+04	226.55	1507.24	9.601e+05	2.008e+05	5.933e+04
2	32	256.25	-1.537e+04	142.93	1616.70	9.605e+05	2.029e+05	6.103e+04
2	32	260.25	-1.557e+04	444.26	1866.87	9.292e+05	2.097e+05	6.592e+04
2	32	265.50	-1.546e+04	494.05	1677.29	9.493e+05	2.247e+05	6.819e+04
2	32	270.75	-1.534e+04	434.18	1518.42	9.658e+05	2.362e+05	7.666e+04
2	32	276.00	-1.522e+04	337.91	1420.66	9.766e+05	2.457e+05	8.507e+04
2	32	281.25	-1.513e+04	240.64	1350.77	9.818e+05	2.544e+05	9.271e+04
2	32	286.50	-1.505e+04	152.59	1285.47	9.824e+05	2.625e+05	9.964e+04
2	32	291.75	-1.497e+04	81.91	1212.03	9.774e+05	2.702e+05	1.060e+05
2	32	297.00	-1.486e+04	43.02	1139.66	9.642e+05	2.775e+05	1.120e+05

2	32	297.50	-1.487e+04	9.98	1143.05	9.663e+05	2.785e+05	1.122e+05
2	32	302.25	-1.487e+04	-997.00	-452.57	9.348e+05	2.979e+05	1.127e+05
2	32	303.62	-1.514e+04	-539.32	-886.80	9.470e+05	3.412e+05	1.657e+05
2	32	307.50	-1.402e+04	-441.49	-1055.26	9.250e+05	3.307e+05	1.949e+05
2	32	309.75	-1.431e+04	-250.16	-1213.56	8.933e+05	3.386e+05	2.186e+05
2	32	315.88	-1.407e+04	-416.79	-1316.73	9.373e+05	3.427e+05	2.530e+05
2	32	322.00	-1.395e+04	-468.29	-1358.02	9.633e+05	3.484e+05	2.810e+05
2	32	328.12	-1.387e+04	-495.91	-1401.65	9.840e+05	3.547e+05	3.056e+05
2	32	334.25	-1.381e+04	-517.75	-1473.22	1.001e+06	3.609e+05	3.279e+05
2	32	340.00	-1.376e+04	-509.82	-1598.17	1.013e+06	3.662e+05	3.470e+05
2	32	340.38	-1.338e+04	-854.86	-1533.46	1.074e+06	3.312e+05	3.105e+05
2	32	346.50	-1.053e+04	-2166.96	-621.68	1.370e+06	1.575e+05	3.412e+04
2	32	347.00	-1.075e+04	-2045.58	-579.99	1.354e+06	1.778e+05	3.657e+04
2	32	352.62	-8679.11	-1654.04	-884.55	1.333e+06	1.555e+05	-4.043e+04
2	32	354.00	-9447.75	-2225.97	-1130.67	1.325e+06	1.892e+05	-7.275e+04
2	32	358.75	-9634.85	428.59	-2132.93	1.262e+06	1.155e+05	-6219.64
2	32	361.00	-9603.17	653.02	-2077.24	1.191e+06	1.208e+05	-3.014e+04
2	32	368.00	-9399.94	1274.79	-1975.83	9.913e+05	1.359e+05	-9.815e+04
2	32	375.00	-9205.37	1838.88	-1891.29	7.974e+05	1.510e+05	-1.573e+05
2	32	382.00	-9021.18	2312.97	-1793.95	6.103e+05	1.659e+05	-2.082e+05
2	32	389.00	-8868.23	2606.64	-1654.45	4.287e+05	1.803e+05	-2.482e+05
2	32	396.00	-8760.26	2478.28	-1425.38	2.503e+05	1.920e+05	-2.687e+05
2	32	403.00	-7253.54	2171.64	-992.23	9.455e+04	1.852e+05	-2.375e+05
2	35	0.0	-1.850e+04	157.85	1570.78	8.925e+05	-2.249e+05	212.95
2	35	42.50	-1.850e+04	178.02	1570.78	8.890e+05	-1.580e+05	2350.87
2	35	43.38	-1.841e+04	178.34	1482.65	9.042e+05	-1.568e+05	2541.85
2	35	44.25	-1.833e+04	179.24	1455.06	9.159e+05	-1.555e+05	2638.72
2	35	45.12	-1.824e+04	179.91	1458.86	9.244e+05	-1.541e+05	2721.15
2	35	46.00	-1.815e+04	180.81	1472.36	9.293e+05	-1.527e+05	2830.77
2	35	46.88	-1.807e+04	181.22	1488.56	9.306e+05	-1.513e+05	2993.39
2	35	47.75	-1.797e+04	180.11	1504.33	9.284e+05	-1.498e+05	3205.18
2	35	48.62	-1.788e+04	176.21	1516.22	9.224e+05	-1.482e+05	3434.66
2	35	49.50	-1.778e+04	166.89	1515.99	9.122e+05	-1.467e+05	3612.49
2	35	50.38	-1.768e+04	145.37	1479.74	8.974e+05	-1.454e+05	3690.82
2	35	51.25	-1.756e+04	162.65	1387.27	8.771e+05	-1.442e+05	3681.88
2	35	85.00	-1.756e+04	163.11	1387.27	8.761e+05	-9.110e+04	5961.18
2	35	86.75	-1.748e+04	162.25	1373.97	8.911e+05	-8.841e+04	6173.48
2	35	88.50	-1.739e+04	161.39	1362.72	9.028e+05	-8.573e+04	6367.97
2	35	90.25	-1.731e+04	162.59	1359.72	9.107e+05	-8.299e+04	6606.65
2	35	92.00	-1.722e+04	164.85	1360.67	9.153e+05	-8.020e+04	6872.84
2	35	93.75	-1.713e+04	167.02	1362.60	9.163e+05	-7.736e+04	7154.68
2	35	95.50	-1.704e+04	167.98	1363.93	9.137e+05	-7.451e+04	7438.14
2	35	97.25	-1.694e+04	167.08	1362.58	9.071e+05	-7.166e+04	7704.55
2	35	99.00	-1.683e+04	165.05	1354.90	8.960e+05	-6.886e+04	7955.45
2	35	100.75	-1.672e+04	169.61	1338.25	8.802e+05	-6.613e+04	8199.55
2	35	102.50	-1.662e+04	171.38	1319.77	8.617e+05	-6.344e+04	8337.10
2	35	127.50	-1.662e+04	153.67	1319.77	8.634e+05	-2.422e+04	1.107e+04
2	35	130.12	-1.653e+04	151.74	1330.53	8.788e+05	-2.016e+04	1.137e+04
2	35	132.75	-1.645e+04	151.16	1334.85	8.899e+05	-1.604e+04	1.172e+04
2	35	135.38	-1.637e+04	154.14	1331.20	8.973e+05	-1.184e+04	1.210e+04
2	35	138.00	-1.629e+04	159.33	1322.04	9.014e+05	-7595.62	1.255e+04
2	35	140.62	-1.620e+04	164.18	1310.80	9.022e+05	-3348.46	1.308e+04
2	35	143.25	-1.610e+04	167.75	1299.91	8.993e+05	865.24	1.366e+04
2	35	145.88	-1.600e+04	170.79	1290.75	8.924e+05	5024.43	1.426e+04
2	35	148.50	-1.589e+04	174.80	1284.47	8.811e+05	9124.07	1.484e+04
2	35	151.12	-1.578e+04	178.72	1282.29	8.654e+05	1.318e+04	1.538e+04
2	35	153.75	-1.567e+04	178.62	1285.36	8.455e+05	1.721e+04	1.581e+04
2	35	170.00	-1.567e+04	151.51	1285.36	8.498e+05	4.259e+04	1.851e+04
2	35	173.50	-1.558e+04	145.62	1330.98	8.658e+05	4.795e+04	1.904e+04
2	35	177.00	-1.552e+04	145.52	1349.70	8.759e+05	5.359e+04	1.970e+04
2	35	180.50	-1.545e+04	153.60	1338.73	8.827e+05	5.939e+04	2.047e+04
2	35	184.00	-1.536e+04	161.50	1313.63	8.870e+05	6.519e+04	2.151e+04
2	35	187.50	-1.527e+04	164.93	1286.27	8.879e+05	7.087e+04	2.276e+04
2	35	191.00	-1.517e+04	165.94	1262.11	8.849e+05	7.640e+04	2.410e+04
2	35	194.50	-1.507e+04	168.11	1244.85	8.779e+05	8.179e+04	2.542e+04
2	35	198.00	-1.496e+04	174.51	1239.91	8.667e+05	8.706e+04	2.665e+04
2	35	201.50	-1.484e+04	182.58	1252.59	8.505e+05	9.227e+04	2.774e+04
2	35	205.00	-1.471e+04	181.00	1284.09	8.286e+05	9.751e+04	2.847e+04
2	35	212.50	-1.471e+04	161.29	1284.09	8.329e+05	1.092e+05	3.024e+04
2	35	216.88	-1.463e+04	154.95	1425.61	8.499e+05	1.155e+05	3.135e+04
2	35	221.25	-1.459e+04	169.40	1441.47	8.564e+05	1.233e+05	3.259e+04
2	35	225.62	-1.452e+04	188.21	1393.87	8.644e+05	1.311e+05	3.447e+04
2	35	230.00	-1.443e+04	184.49	1338.59	8.703e+05	1.386e+05	3.725e+04
2	35	234.38	-1.433e+04	168.93	1290.86	8.724e+05	1.455e+05	4.027e+04
2	35	238.75	-1.423e+04	152.26	1250.43	8.703e+05	1.521e+05	4.322e+04
2	35	243.12	-1.413e+04	141.94	1218.50	8.639e+05	1.584e+05	4.598e+04
2	35	247.50	-1.402e+04	146.42	1206.96	8.534e+05	1.645e+05	4.849e+04

2	35	251.88	-1.390e+04	179.15	1240.39	8.369e+05	1.705e+05	5.074e+04
2	35	255.00	-1.379e+04	177.63	1307.29	8.206e+05	1.747e+05	5.104e+04
2	35	256.25	-1.366e+04	104.08	1402.80	8.207e+05	1.765e+05	5.257e+04
2	35	260.25	-1.383e+04	368.88	1622.81	7.947e+05	1.824e+05	5.695e+04
2	35	265.50	-1.372e+04	412.57	1456.74	8.139e+05	1.954e+05	5.905e+04
2	35	270.75	-1.360e+04	359.41	1317.50	8.296e+05	2.054e+05	6.660e+04
2	35	276.00	-1.349e+04	274.73	1232.03	8.399e+05	2.137e+05	7.410e+04
2	35	281.25	-1.340e+04	189.47	1171.24	8.448e+05	2.212e+05	8.092e+04
2	35	286.50	-1.332e+04	112.47	1114.77	8.452e+05	2.282e+05	8.713e+04
2	35	291.75	-1.323e+04	50.72	1051.54	8.402e+05	2.349e+05	9.280e+04
2	35	297.00	-1.312e+04	16.36	989.32	8.275e+05	2.412e+05	9.821e+04
2	35	297.50	-1.314e+04	-12.36	992.21	8.292e+05	2.421e+05	9.839e+04
2	35	302.25	-1.311e+04	-896.81	-407.18	8.018e+05	2.591e+05	9.901e+04
2	35	303.62	-1.334e+04	-493.94	-788.56	8.125e+05	2.971e+05	1.457e+05
2	35	307.50	-1.235e+04	-411.04	-938.80	7.927e+05	2.879e+05	1.714e+05
2	35	309.75	-1.260e+04	-243.69	-1077.80	7.654e+05	2.947e+05	1.923e+05
2	35	315.88	-1.237e+04	-389.75	-1168.17	8.052e+05	2.982e+05	2.229e+05
2	35	322.00	-1.226e+04	-434.01	-1203.93	8.288e+05	3.031e+05	2.477e+05
2	35	328.12	-1.218e+04	-456.79	-1241.35	8.473e+05	3.085e+05	2.696e+05
2	35	334.25	-1.211e+04	-474.09	-1302.67	8.622e+05	3.138e+05	2.895e+05
2	35	340.00	-1.206e+04	-465.17	-1409.71	8.721e+05	3.184e+05	3.066e+05
2	35	340.38	-1.172e+04	-768.51	-1352.91	9.264e+05	2.876e+05	2.745e+05
2	35	346.50	-9195.05	-1918.77	-549.56	1.188e+06	1.349e+05	3.202e+04
2	35	347.00	-9385.48	-1809.91	-512.04	1.174e+06	1.528e+05	3.424e+04
2	35	352.62	-7571.45	-1461.57	-766.60	1.157e+06	1.332e+05	-3.314e+04
2	35	354.00	-8242.27	-1949.62	-976.06	1.150e+06	1.622e+05	-6.093e+04
2	35	358.75	-8396.01	370.71	-1833.13	1.095e+06	9.892e+04	-4379.94
2	35	361.00	-8366.89	568.01	-1784.34	1.034e+06	1.035e+05	-2.502e+04
2	35	368.00	-8184.39	1112.06	-1695.89	8.605e+05	1.164e+05	-8.361e+04
2	35	375.00	-8009.45	1606.34	-1622.63	6.923e+05	1.294e+05	-1.345e+05
2	35	382.00	-7843.42	2022.84	-1538.76	5.299e+05	1.422e+05	-1.782e+05
2	35	389.00	-7704.38	2282.59	-1418.93	3.723e+05	1.545e+05	-2.126e+05
2	35	396.00	-7605.28	2172.87	-1222.45	2.176e+05	1.645e+05	-2.302e+05
2	35	403.00	-6297.92	1893.71	-851.05	8.249e+04	1.587e+05	-2.035e+05
2	37	0.0	-1.850e+04	158.63	1570.50	8.928e+05	-2.248e+05	214.26
2	37	42.50	-1.850e+04	178.81	1570.50	8.893e+05	-1.580e+05	2360.57
2	37	43.38	-1.841e+04	179.13	1482.40	9.045e+05	-1.567e+05	2551.71
2	37	44.25	-1.833e+04	180.03	1454.82	9.163e+05	-1.555e+05	2648.74
2	37	45.12	-1.824e+04	180.69	1458.63	9.247e+05	-1.541e+05	2731.36
2	37	46.00	-1.815e+04	181.59	1472.13	9.296e+05	-1.526e+05	2841.17
2	37	46.88	-1.807e+04	182.01	1488.33	9.310e+05	-1.512e+05	3003.97
2	37	47.75	-1.797e+04	180.89	1504.09	9.287e+05	-1.497e+05	3215.94
2	37	48.62	-1.788e+04	177.00	1515.99	9.227e+05	-1.482e+05	3445.61
2	37	49.50	-1.778e+04	167.68	1515.76	9.125e+05	-1.467e+05	3623.61
2	37	50.38	-1.768e+04	146.16	1479.50	8.977e+05	-1.453e+05	3702.07
2	37	51.25	-1.756e+04	163.44	1387.03	8.774e+05	-1.441e+05	3693.12
2	37	85.00	-1.756e+04	163.89	1387.03	8.764e+05	-9.105e+04	5976.41
2	37	86.75	-1.748e+04	163.03	1373.73	8.914e+05	-8.837e+04	6188.88
2	37	88.50	-1.739e+04	162.17	1362.49	9.030e+05	-8.568e+04	6383.57
2	37	90.25	-1.731e+04	163.37	1359.50	9.110e+05	-8.295e+04	6622.42
2	37	92.00	-1.722e+04	165.63	1360.45	9.155e+05	-8.015e+04	6888.78
2	37	93.75	-1.713e+04	167.81	1362.38	9.166e+05	-7.731e+04	7170.78
2	37	95.50	-1.704e+04	168.77	1363.71	9.139e+05	-7.446e+04	7454.38
2	37	97.25	-1.694e+04	167.86	1362.36	9.073e+05	-7.162e+04	7720.92
2	37	99.00	-1.683e+04	165.84	1354.68	8.962e+05	-6.882e+04	7971.93
2	37	100.75	-1.672e+04	170.39	1338.03	8.805e+05	-6.609e+04	8216.13
2	37	102.50	-1.662e+04	172.17	1319.54	8.619e+05	-6.339e+04	8353.79
2	37	127.50	-1.662e+04	154.45	1319.54	8.637e+05	-2.418e+04	1.109e+04
2	37	130.12	-1.653e+04	152.52	1330.30	8.791e+05	-2.012e+04	1.139e+04
2	37	132.75	-1.645e+04	151.95	1334.63	8.901e+05	-1.600e+04	1.173e+04
2	37	135.38	-1.637e+04	154.93	1330.98	8.975e+05	-1.180e+04	1.212e+04
2	37	138.00	-1.629e+04	160.11	1321.82	9.017e+05	-7560.73	1.257e+04
2	37	140.62	-1.620e+04	164.97	1310.59	9.025e+05	-3314.20	1.310e+04
2	37	143.25	-1.610e+04	168.54	1299.70	8.995e+05	898.86	1.368e+04
2	37	145.88	-1.600e+04	171.58	1290.54	8.926e+05	5057.42	1.428e+04
2	37	148.50	-1.589e+04	175.58	1284.26	8.813e+05	9156.42	1.486e+04
2	37	151.12	-1.578e+04	179.51	1282.07	8.657e+05	1.321e+04	1.539e+04
2	37	153.75	-1.567e+04	179.41	1285.14	8.458e+05	1.724e+04	1.583e+04
2	37	170.00	-1.567e+04	152.29	1285.14	8.500e+05	4.262e+04	1.853e+04
2	37	173.50	-1.558e+04	146.40	1330.77	8.660e+05	4.798e+04	1.906e+04
2	37	177.00	-1.552e+04	146.31	1349.48	8.761e+05	5.361e+04	1.972e+04
2	37	180.50	-1.545e+04	154.38	1338.51	8.829e+05	5.941e+04	2.049e+04
2	37	184.00	-1.536e+04	162.29	1313.41	8.871e+05	6.521e+04	2.153e+04
2	37	187.50	-1.527e+04	165.72	1286.06	8.881e+05	7.090e+04	2.278e+04
2	37	191.00	-1.517e+04	166.72	1261.90	8.851e+05	7.642e+04	2.412e+04
2	37	194.50	-1.507e+04	168.90	1244.65	8.781e+05	8.181e+04	2.544e+04
2	37	198.00	-1.496e+04	175.30	1239.70	8.669e+05	8.708e+04	2.667e+04

2	37	201.50	-1.484e+04	183.37	1252.38	8.506e+05	9.229e+04	2.776e+04
2	37	205.00	-1.470e+04	181.79	1283.88	8.288e+05	9.753e+04	2.849e+04
2	37	212.50	-1.471e+04	162.08	1283.88	8.331e+05	1.092e+05	3.026e+04
2	37	216.88	-1.463e+04	155.74	1425.40	8.501e+05	1.155e+05	3.137e+04
2	37	221.25	-1.459e+04	170.18	1441.25	8.565e+05	1.233e+05	3.261e+04
2	37	225.62	-1.452e+04	188.99	1393.66	8.645e+05	1.311e+05	3.449e+04
2	37	230.00	-1.443e+04	185.28	1338.38	8.705e+05	1.386e+05	3.727e+04
2	37	234.38	-1.433e+04	169.73	1290.66	8.725e+05	1.455e+05	4.029e+04
2	37	238.75	-1.423e+04	153.06	1250.23	8.704e+05	1.521e+05	4.324e+04
2	37	243.12	-1.413e+04	142.73	1218.31	8.640e+05	1.585e+05	4.600e+04
2	37	247.50	-1.402e+04	147.21	1206.77	8.536e+05	1.646e+05	4.850e+04
2	37	251.88	-1.390e+04	179.94	1240.19	8.370e+05	1.705e+05	5.076e+04
2	37	255.00	-1.379e+04	178.41	1307.09	8.207e+05	1.747e+05	5.106e+04
2	37	256.25	-1.366e+04	104.87	1402.60	8.208e+05	1.765e+05	5.259e+04
2	37	260.25	-1.383e+04	369.67	1622.59	7.948e+05	1.824e+05	5.697e+04
2	37	265.50	-1.372e+04	413.34	1456.52	8.141e+05	1.954e+05	5.907e+04
2	37	270.75	-1.360e+04	360.22	1317.30	8.298e+05	2.054e+05	6.662e+04
2	37	276.00	-1.349e+04	275.54	1231.83	8.400e+05	2.137e+05	7.411e+04
2	37	281.25	-1.340e+04	190.27	1171.05	8.449e+05	2.212e+05	8.093e+04
2	37	286.50	-1.332e+04	113.26	1114.59	8.453e+05	2.282e+05	8.714e+04
2	37	291.75	-1.323e+04	51.49	1051.35	8.403e+05	2.349e+05	9.282e+04
2	37	297.00	-1.312e+04	17.11	989.15	8.277e+05	2.412e+05	9.822e+04
2	37	297.50	-1.314e+04	-11.61	992.03	8.293e+05	2.421e+05	9.840e+04
2	37	302.25	-1.311e+04	-896.13	-407.34	8.019e+05	2.591e+05	9.902e+04
2	37	303.62	-1.334e+04	-493.16	-788.72	8.126e+05	2.971e+05	1.457e+05
2	37	307.50	-1.235e+04	-410.18	-938.94	7.928e+05	2.878e+05	1.714e+05
2	37	309.75	-1.260e+04	-242.80	-1077.92	7.655e+05	2.947e+05	1.923e+05
2	37	315.88	-1.237e+04	-388.95	-1168.28	8.053e+05	2.982e+05	2.229e+05
2	37	322.00	-1.226e+04	-433.32	-1204.03	8.289e+05	3.031e+05	2.477e+05
2	37	328.12	-1.218e+04	-456.21	-1241.44	8.474e+05	3.084e+05	2.696e+05
2	37	334.25	-1.211e+04	-473.63	-1302.75	8.623e+05	3.137e+05	2.895e+05
2	37	340.00	-1.206e+04	-464.82	-1409.79	8.721e+05	3.183e+05	3.066e+05
2	37	340.38	-1.172e+04	-768.19	-1352.99	9.264e+05	2.876e+05	2.745e+05
2	37	346.50	-9195.39	-1918.68	-549.58	1.188e+06	1.349e+05	3.202e+04
2	37	347.00	-9385.71	-1809.84	-512.06	1.174e+06	1.527e+05	3.425e+04
2	37	352.62	-7571.57	-1461.63	-766.61	1.157e+06	1.332e+05	-3.313e+04
2	37	354.00	-8242.43	-1949.66	-976.06	1.150e+06	1.622e+05	-6.092e+04
2	37	358.75	-8396.22	370.75	-1833.10	1.095e+06	9.892e+04	-4374.86
2	37	361.00	-8367.10	568.06	-1784.32	1.034e+06	1.035e+05	-2.501e+04
2	37	368.00	-8184.59	1112.14	-1695.86	8.605e+05	1.164e+05	-8.361e+04
2	37	375.00	-8009.65	1606.46	-1622.61	6.923e+05	1.294e+05	-1.345e+05
2	37	382.00	-7843.61	2022.99	-1538.73	5.300e+05	1.422e+05	-1.782e+05
2	37	389.00	-7704.56	2282.76	-1418.91	3.724e+05	1.545e+05	-2.126e+05
2	37	396.00	-7605.46	2173.05	-1222.42	2.176e+05	1.645e+05	-2.302e+05
2	37	403.00	-6298.08	1893.84	-851.04	8.249e+04	1.587e+05	-2.035e+05

M_S	N memb.	V memb.	V orto	M memb.	M orto	T
	-2.703e+04	-3010.74	-2899.64	7.980e+04	-3.520e+05	-3.655e+05
	-6084.78	3525.70	2530.32	1.858e+06	4.964e+05	4.683e+05

Macro	Tipo	Angolo 1-Z (gradi)
3	Setto	0.0

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
3	7	0.0	-2.812e+04	-1298.87	-2905.76	3.662e+05	3.947e+05	-4482.62
3	7	42.50	-2.812e+04	-1269.14	-2905.76	4.265e+05	2.706e+05	-3.623e+04
3	7	43.38	-2.800e+04	-1278.74	-2812.85	4.499e+05	2.682e+05	-3.705e+04
3	7	44.25	-2.790e+04	-1273.74	-2784.08	4.680e+05	2.658e+05	-3.780e+04
3	7	45.12	-2.779e+04	-1271.85	-2792.80	4.821e+05	2.632e+05	-3.854e+04
3	7	46.00	-2.767e+04	-1270.09	-2813.67	4.920e+05	2.605e+05	-3.934e+04
3	7	46.88	-2.756e+04	-1268.74	-2838.16	4.974e+05	2.578e+05	-4.020e+04
3	7	47.75	-2.744e+04	-1268.85	-2862.65	4.982e+05	2.551e+05	-4.114e+04
3	7	48.62	-2.731e+04	-1271.41	-2884.47	4.940e+05	2.523e+05	-4.212e+04
3	7	49.50	-2.719e+04	-1277.46	-2898.91	4.847e+05	2.494e+05	-4.308e+04
3	7	50.38	-2.705e+04	-1289.13	-2890.86	4.697e+05	2.465e+05	-4.389e+04
3	7	51.25	-2.691e+04	-1311.48	-2811.17	4.484e+05	2.441e+05	-4.442e+04
3	7	52.12	-2.677e+04	-1293.49	-2607.95	4.218e+05	2.419e+05	-4.466e+04
3	7	85.00	-2.677e+04	-1288.58	-2607.95	4.711e+05	1.462e+05	-6.028e+04
3	7	86.75	-2.666e+04	-1291.65	-2600.44	4.947e+05	1.411e+05	-6.122e+04
3	7	88.50	-2.655e+04	-1294.86	-2592.34	5.147e+05	1.361e+05	-6.213e+04

3	7	90.25	-2.644e+04	-1292.61	-2591.76	5.297e+05	1.309e+05	-6.308e+04
3	7	92.00	-2.633e+04	-1288.60	-2594.56	5.404e+05	1.257e+05	-6.405e+04
3	7	93.75	-2.621e+04	-1284.85	-2598.10	5.468e+05	1.204e+05	-6.503e+04
3	7	95.50	-2.609e+04	-1282.86	-2601.54	5.485e+05	1.151e+05	-6.599e+04
3	7	97.25	-2.596e+04	-1283.31	-2603.82	5.451e+05	1.098e+05	-6.688e+04
3	7	99.00	-2.582e+04	-1286.25	-2601.66	5.364e+05	1.045e+05	-6.768e+04
3	7	100.75	-2.568e+04	-1290.31	-2587.71	5.218e+05	9.936e+04	-6.840e+04
3	7	102.50	-2.554e+04	-1287.18	-2555.37	5.016e+05	9.433e+04	-6.906e+04
3	7	104.25	-2.541e+04	-1286.32	-2516.80	4.780e+05	8.939e+04	-6.946e+04
3	7	127.50	-2.541e+04	-1300.36	-2516.80	5.158e+05	2.166e+04	-7.589e+04
3	7	130.12	-2.530e+04	-1303.16	-2537.27	5.418e+05	1.408e+04	-7.662e+04
3	7	132.75	-2.520e+04	-1303.52	-2547.02	5.616e+05	6387.70	-7.740e+04
3	7	135.38	-2.510e+04	-1297.52	-2543.01	5.769e+05	-1415.89	-7.821e+04
3	7	138.00	-2.499e+04	-1289.15	-2529.30	5.885e+05	-9290.23	-7.909e+04
3	7	140.62	-2.487e+04	-1283.19	-2511.76	5.960e+05	-1.717e+04	-8.005e+04
3	7	143.25	-2.474e+04	-1280.71	-2494.79	5.989e+05	-2.500e+04	-8.105e+04
3	7	145.88	-2.461e+04	-1280.60	-2481.49	5.966e+05	-3.274e+04	-8.200e+04
3	7	148.50	-2.447e+04	-1281.53	-2474.39	5.889e+05	-4.039e+04	-8.287e+04
3	7	151.12	-2.432e+04	-1282.74	-2475.35	5.757e+05	-4.794e+04	-8.362e+04
3	7	153.75	-2.418e+04	-1284.62	-2485.16	5.574e+05	-5.542e+04	-8.421e+04
3	7	156.38	-2.405e+04	-1286.55	-2501.90	5.350e+05	-6.287e+04	-8.460e+04
3	7	170.00	-2.405e+04	-1306.11	-2501.90	5.598e+05	-1.026e+05	-8.611e+04
3	7	173.50	-2.394e+04	-1312.87	-2569.65	5.878e+05	-1.127e+05	-8.640e+04
3	7	177.00	-2.386e+04	-1306.64	-2596.50	6.063e+05	-1.232e+05	-8.686e+04
3	7	180.50	-2.377e+04	-1288.18	-2578.43	6.218e+05	-1.339e+05	-8.747e+04
3	7	184.00	-2.365e+04	-1275.81	-2538.58	6.351e+05	-1.446e+05	-8.844e+04
3	7	187.50	-2.353e+04	-1274.54	-2494.36	6.445e+05	-1.552e+05	-8.970e+04
3	7	191.00	-2.339e+04	-1278.78	-2453.79	6.489e+05	-1.654e+05	-9.101e+04
3	7	194.50	-2.325e+04	-1283.17	-2422.63	6.482e+05	-1.754e+05	-9.223e+04
3	7	198.00	-2.311e+04	-1285.06	-2410.43	6.422e+05	-1.853e+05	-9.324e+04
3	7	201.50	-2.296e+04	-1286.95	-2430.09	6.305e+05	-1.950e+05	-9.397e+04
3	7	205.00	-2.281e+04	-1294.76	-2492.54	6.138e+05	-2.047e+05	-9.419e+04
3	7	208.50	-2.268e+04	-1301.59	-2577.17	5.944e+05	-2.144e+05	-9.436e+04
3	7	212.50	-2.268e+04	-1309.34	-2577.17	6.027e+05	-2.262e+05	-9.396e+04
3	7	216.88	-2.258e+04	-1313.23	-2784.24	6.310e+05	-2.383e+05	-9.361e+04
3	7	221.25	-2.256e+04	-1268.99	-2802.30	6.423e+05	-2.526e+05	-9.344e+04
3	7	225.62	-2.245e+04	-1231.96	-2726.89	6.620e+05	-2.670e+05	-9.421e+04
3	7	230.00	-2.231e+04	-1243.36	-2640.04	6.797e+05	-2.808e+05	-9.629e+04
3	7	234.38	-2.217e+04	-1269.66	-2562.79	6.919e+05	-2.938e+05	-9.868e+04
3	7	238.75	-2.204e+04	-1293.93	-2493.46	6.987e+05	-3.062e+05	-1.009e+05
3	7	243.12	-2.190e+04	-1308.54	-2432.52	7.005e+05	-3.181e+05	-1.028e+05
3	7	247.50	-2.176e+04	-1308.28	-2396.63	6.969e+05	-3.297e+05	-1.041e+05
3	7	251.88	-2.160e+04	-1296.01	-2427.58	6.860e+05	-3.408e+05	-1.050e+05
3	7	255.00	-2.149e+04	-1314.09	-2539.88	6.765e+05	-3.489e+05	-1.038e+05
3	7	256.25	-2.134e+04	-1443.67	-2684.44	6.950e+05	-3.520e+05	-1.061e+05
3	7	260.25	-2.159e+04	-1021.45	-3202.85	6.098e+05	-3.621e+05	-1.114e+05
3	7	260.62	-2.156e+04	-1020.38	-3202.94	6.141e+05	-3.629e+05	-1.103e+05
3	7	265.50	-2.138e+04	-913.55	-2960.88	6.506e+05	-3.848e+05	-1.096e+05
3	7	270.75	-2.118e+04	-1044.40	-2749.43	6.856e+05	-4.032e+05	-1.158e+05
3	7	276.00	-2.103e+04	-1174.50	-2617.71	7.084e+05	-4.191e+05	-1.218e+05
3	7	281.25	-2.091e+04	-1275.51	-2519.60	7.233e+05	-4.336e+05	-1.267e+05
3	7	286.50	-2.080e+04	-1350.44	-2422.99	7.327e+05	-4.475e+05	-1.306e+05
3	7	291.75	-2.069e+04	-1400.37	-2308.06	7.365e+05	-4.607e+05	-1.337e+05
3	7	297.00	-2.055e+04	-1406.85	-2176.92	7.329e+05	-4.731e+05	-1.362e+05
3	7	297.50	-2.057e+04	-1430.16	-2173.49	7.354e+05	-4.747e+05	-1.359e+05
3	7	302.25	-2.050e+04	-2763.64	115.17	6.850e+05	-5.030e+05	-1.327e+05
3	7	303.62	-2.058e+04	-2346.64	729.44	6.854e+05	-5.599e+05	-1.991e+05
3	7	307.50	-1.961e+04	-2639.72	968.65	8.094e+05	-5.480e+05	-2.363e+05
3	7	309.75	-1.981e+04	-2448.13	1037.66	7.150e+05	-5.597e+05	-2.624e+05
3	7	312.75	-1.966e+04	-2740.82	920.94	7.790e+05	-5.605e+05	-2.936e+05
3	7	315.88	-1.967e+04	-2671.59	984.68	7.907e+05	-5.669e+05	-3.124e+05
3	7	322.00	-1.955e+04	-2465.37	1035.94	8.273e+05	-5.788e+05	-3.405e+05
3	7	328.12	-1.943e+04	-2194.41	1096.92	8.585e+05	-5.913e+05	-3.638e+05
3	7	334.25	-1.931e+04	-1890.52	1201.41	8.847e+05	-6.036e+05	-3.841e+05
3	7	340.00	-1.918e+04	-1569.77	1381.82	9.031e+05	-6.145e+05	-4.005e+05
3	7	340.38	-1.842e+04	-2004.81	1288.19	1.046e+06	-5.691e+05	-3.528e+05
3	7	346.50	-1.406e+04	-3446.14	-44.60	1.650e+06	-3.465e+05	1.548e+04
3	7	347.00	-1.455e+04	-3201.94	-107.64	1.574e+06	-3.732e+05	1.332e+04
3	7	352.62	-1.231e+04	-3255.22	334.08	1.581e+06	-3.487e+05	1.247e+05
3	7	354.00	-1.312e+04	-3936.31	837.05	1.539e+06	-3.889e+05	1.668e+05
3	7	358.75	-1.245e+04	-714.09	2780.95	1.351e+06	-3.073e+05	9.345e+04
3	7	361.00	-1.204e+04	-583.51	3712.91	1.223e+06	-2.703e+05	2.126e+05
3	7	364.88	-1.241e+04	846.20	5369.13	1.162e+06	-3.701e+05	1.917e+05
3	7	368.00	-1.232e+04	778.75	5307.20	1.053e+06	-3.763e+05	2.021e+05
3	7	375.00	-1.213e+04	574.35	5186.80	8.139e+05	-3.899e+05	2.162e+05
3	7	382.00	-1.196e+04	333.25	5044.36	5.786e+05	-4.034e+05	2.176e+05
3	7	389.00	-1.182e+04	40.93	4839.33	3.451e+05	-4.161e+05	2.028e+05

3	7	396.00	-1.168e+04	-286.37	4503.75	1.131e+05	-4.257e+05	1.603e+05
3	7	403.00	-1.008e+04	343.02	3843.69	-6.986e+04	-4.141e+05	5.200e+04
3	7	405.00	-1.005e+04	-1417.88	3262.65	-1.276e+05	-4.822e+05	4.397e+04
3	8	0.0	-2.812e+04	-1308.38	-2905.53	3.623e+05	3.946e+05	-4483.73
3	8	42.50	-2.812e+04	-1278.65	-2905.53	4.230e+05	2.706e+05	-3.624e+04
3	8	43.38	-2.800e+04	-1288.27	-2812.64	4.464e+05	2.681e+05	-3.706e+04
3	8	44.25	-2.790e+04	-1283.27	-2783.88	4.644e+05	2.657e+05	-3.780e+04
3	8	45.12	-2.779e+04	-1281.37	-2792.60	4.786e+05	2.631e+05	-3.855e+04
3	8	46.00	-2.767e+04	-1279.62	-2813.48	4.885e+05	2.605e+05	-3.934e+04
3	8	46.88	-2.756e+04	-1278.28	-2837.96	4.939e+05	2.578e+05	-4.021e+04
3	8	47.75	-2.744e+04	-1278.39	-2862.46	4.946e+05	2.550e+05	-4.115e+04
3	8	48.62	-2.731e+04	-1280.96	-2884.28	4.905e+05	2.522e+05	-4.213e+04
3	8	49.50	-2.718e+04	-1287.00	-2898.72	4.812e+05	2.494e+05	-4.309e+04
3	8	50.38	-2.705e+04	-1298.67	-2890.67	4.662e+05	2.465e+05	-4.390e+04
3	8	51.25	-2.691e+04	-1320.98	-2810.98	4.450e+05	2.440e+05	-4.443e+04
3	8	52.12	-2.677e+04	-1303.01	-2607.74	4.183e+05	2.419e+05	-4.467e+04
3	8	85.00	-2.677e+04	-1298.09	-2607.74	4.679e+05	1.461e+05	-6.029e+04
3	8	86.75	-2.666e+04	-1301.17	-2600.23	4.916e+05	1.411e+05	-6.124e+04
3	8	88.50	-2.655e+04	-1304.38	-2592.14	5.116e+05	1.360e+05	-6.215e+04
3	8	90.25	-2.644e+04	-1302.14	-2591.57	5.266e+05	1.309e+05	-6.310e+04
3	8	92.00	-2.633e+04	-1298.13	-2594.37	5.374e+05	1.257e+05	-6.407e+04
3	8	93.75	-2.621e+04	-1294.38	-2597.91	5.437e+05	1.204e+05	-6.504e+04
3	8	95.50	-2.609e+04	-1292.39	-2601.35	5.454e+05	1.151e+05	-6.600e+04
3	8	97.25	-2.596e+04	-1292.84	-2603.63	5.421e+05	1.098e+05	-6.690e+04
3	8	99.00	-2.582e+04	-1295.78	-2601.47	5.333e+05	1.045e+05	-6.770e+04
3	8	100.75	-2.568e+04	-1299.83	-2587.52	5.188e+05	9.933e+04	-6.841e+04
3	8	102.50	-2.554e+04	-1296.70	-2555.18	4.986e+05	9.429e+04	-6.907e+04
3	8	104.25	-2.541e+04	-1295.84	-2516.60	4.750e+05	8.935e+04	-6.947e+04
3	8	127.50	-2.541e+04	-1309.87	-2516.60	5.130e+05	2.163e+04	-7.590e+04
3	8	130.12	-2.530e+04	-1312.67	-2537.07	5.391e+05	1.405e+04	-7.663e+04
3	8	132.75	-2.520e+04	-1313.04	-2546.83	5.589e+05	6358.05	-7.741e+04
3	8	135.38	-2.510e+04	-1307.04	-2542.81	5.742e+05	-1445.03	-7.822e+04
3	8	138.00	-2.499e+04	-1298.68	-2529.11	5.859e+05	-9318.86	-7.910e+04
3	8	140.62	-2.487e+04	-1292.71	-2511.57	5.934e+05	-1.720e+04	-8.007e+04
3	8	143.25	-2.474e+04	-1290.23	-2494.61	5.963e+05	-2.502e+04	-8.107e+04
3	8	145.88	-2.461e+04	-1290.12	-2481.30	5.940e+05	-3.277e+04	-8.202e+04
3	8	148.50	-2.447e+04	-1291.05	-2474.21	5.864e+05	-4.042e+04	-8.289e+04
3	8	151.12	-2.432e+04	-1292.26	-2475.16	5.732e+05	-4.797e+04	-8.364e+04
3	8	153.75	-2.418e+04	-1294.14	-2484.97	5.549e+05	-5.545e+04	-8.423e+04
3	8	156.38	-2.404e+04	-1296.07	-2501.71	5.325e+05	-6.290e+04	-8.462e+04
3	8	170.00	-2.405e+04	-1315.63	-2501.71	5.574e+05	-1.027e+05	-8.612e+04
3	8	173.50	-2.394e+04	-1322.40	-2569.46	5.855e+05	-1.127e+05	-8.642e+04
3	8	177.00	-2.386e+04	-1316.16	-2596.30	6.040e+05	-1.232e+05	-8.688e+04
3	8	180.50	-2.377e+04	-1297.70	-2578.24	6.195e+05	-1.339e+05	-8.749e+04
3	8	184.00	-2.365e+04	-1285.34	-2538.39	6.329e+05	-1.447e+05	-8.846e+04
3	8	187.50	-2.352e+04	-1284.06	-2494.18	6.423e+05	-1.552e+05	-8.971e+04
3	8	191.00	-2.339e+04	-1288.29	-2453.60	6.468e+05	-1.654e+05	-9.103e+04
3	8	194.50	-2.325e+04	-1292.68	-2422.45	6.461e+05	-1.755e+05	-9.225e+04
3	8	198.00	-2.311e+04	-1294.56	-2410.25	6.402e+05	-1.853e+05	-9.326e+04
3	8	201.50	-2.296e+04	-1296.45	-2429.90	6.285e+05	-1.950e+05	-9.399e+04
3	8	205.00	-2.281e+04	-1304.27	-2492.35	6.118e+05	-2.047e+05	-9.421e+04
3	8	208.50	-2.268e+04	-1311.10	-2576.98	5.924e+05	-2.144e+05	-9.438e+04
3	8	212.50	-2.268e+04	-1318.86	-2576.98	6.008e+05	-2.262e+05	-9.398e+04
3	8	216.88	-2.258e+04	-1322.76	-2784.04	6.291e+05	-2.384e+05	-9.363e+04
3	8	221.25	-2.256e+04	-1278.52	-2802.10	6.404e+05	-2.526e+05	-9.346e+04
3	8	225.62	-2.245e+04	-1241.50	-2726.69	6.602e+05	-2.670e+05	-9.423e+04
3	8	230.00	-2.231e+04	-1252.91	-2639.85	6.779e+05	-2.808e+05	-9.631e+04
3	8	234.38	-2.217e+04	-1279.21	-2562.60	6.902e+05	-2.938e+05	-9.870e+04
3	8	238.75	-2.204e+04	-1303.46	-2493.27	6.971e+05	-3.062e+05	-1.009e+05
3	8	243.12	-2.190e+04	-1318.05	-2432.33	6.988e+05	-3.181e+05	-1.028e+05
3	8	247.50	-2.176e+04	-1317.76	-2396.44	6.952e+05	-3.297e+05	-1.042e+05
3	8	251.88	-2.160e+04	-1305.47	-2427.39	6.844e+05	-3.408e+05	-1.051e+05
3	8	255.00	-2.149e+04	-1323.54	-2539.68	6.750e+05	-3.489e+05	-1.038e+05
3	8	256.25	-2.134e+04	-1453.12	-2684.23	6.934e+05	-3.520e+05	-1.061e+05
3	8	260.25	-2.159e+04	-1030.95	-3202.63	6.083e+05	-3.621e+05	-1.114e+05
3	8	260.62	-2.155e+04	-1029.87	-3202.72	6.126e+05	-3.629e+05	-1.104e+05
3	8	265.50	-2.138e+04	-923.06	-2960.66	6.491e+05	-3.848e+05	-1.096e+05
3	8	270.75	-2.118e+04	-1054.01	-2749.22	6.843e+05	-4.032e+05	-1.158e+05
3	8	276.00	-2.103e+04	-1184.13	-2617.51	7.070e+05	-4.191e+05	-1.218e+05
3	8	281.25	-2.091e+04	-1285.12	-2519.40	7.220e+05	-4.336e+05	-1.267e+05
3	8	286.50	-2.080e+04	-1360.00	-2422.80	7.315e+05	-4.475e+05	-1.307e+05
3	8	291.75	-2.069e+04	-1409.86	-2307.87	7.353e+05	-4.607e+05	-1.337e+05
3	8	297.00	-2.055e+04	-1416.25	-2176.73	7.318e+05	-4.731e+05	-1.362e+05
3	8	297.50	-2.057e+04	-1439.55	-2173.31	7.343e+05	-4.747e+05	-1.360e+05
3	8	302.25	-2.050e+04	-2772.69	115.34	6.839e+05	-5.030e+05	-1.327e+05
3	8	303.62	-2.058e+04	-2355.92	729.60	6.843e+05	-5.599e+05	-1.991e+05
3	8	307.50	-1.961e+04	-2648.95	968.81	8.084e+05	-5.480e+05	-2.363e+05

3	8	309.75	-1.981e+04	-2457.49	1037.82	7.140e+05	-5.597e+05	-2.624e+05
3	8	312.75	-1.966e+04	-2750.09	921.11	7.780e+05	-5.605e+05	-2.936e+05
3	8	315.88	-1.967e+04	-2680.85	984.85	7.898e+05	-5.669e+05	-3.124e+05
3	8	322.00	-1.955e+04	-2474.55	1036.10	8.264e+05	-5.788e+05	-3.405e+05
3	8	328.12	-1.943e+04	-2203.46	1097.07	8.576e+05	-5.912e+05	-3.638e+05
3	8	334.25	-1.931e+04	-1899.38	1201.56	8.840e+05	-6.036e+05	-3.841e+05
3	8	340.00	-1.917e+04	-1578.40	1381.96	9.024e+05	-6.145e+05	-4.005e+05
3	8	340.38	-1.842e+04	-2013.39	1288.33	1.045e+06	-5.690e+05	-3.528e+05
3	8	346.50	-1.406e+04	-3454.10	-44.49	1.649e+06	-3.465e+05	1.547e+04
3	8	347.00	-1.455e+04	-3209.89	-107.52	1.573e+06	-3.732e+05	1.331e+04
3	8	352.62	-1.231e+04	-3262.62	334.18	1.581e+06	-3.486e+05	1.246e+05
3	8	354.00	-1.312e+04	-3943.68	837.12	1.539e+06	-3.889e+05	1.668e+05
3	8	358.75	-1.245e+04	-721.00	2780.91	1.351e+06	-3.073e+05	9.343e+04
3	8	361.00	-1.204e+04	-590.48	3713.05	1.222e+06	-2.703e+05	2.126e+05
3	8	364.88	-1.241e+04	840.22	5369.57	1.161e+06	-3.701e+05	1.917e+05
3	8	368.00	-1.232e+04	772.62	5307.64	1.053e+06	-3.763e+05	2.021e+05
3	8	375.00	-1.213e+04	567.95	5187.23	8.136e+05	-3.899e+05	2.162e+05
3	8	382.00	-1.196e+04	326.64	5044.79	5.784e+05	-4.034e+05	2.176e+05
3	8	389.00	-1.182e+04	34.23	4839.76	3.449e+05	-4.161e+05	2.028e+05
3	8	396.00	-1.168e+04	-292.94	4504.17	1.129e+05	-4.257e+05	1.603e+05
3	8	403.00	-1.008e+04	337.18	3844.12	-6.993e+04	-4.141e+05	5.199e+04
3	8	405.00	-1.005e+04	-1423.58	3263.11	-1.277e+05	-4.822e+05	4.397e+04
3	23	0.0	-1.886e+04	-761.80	-1790.75	2.164e+05	2.429e+05	-2525.85
3	23	42.50	-1.886e+04	-740.64	-1790.75	2.522e+05	1.664e+05	-2.059e+04
3	23	43.38	-1.877e+04	-746.56	-1729.83	2.700e+05	1.649e+05	-2.108e+04
3	23	44.25	-1.868e+04	-743.14	-1711.24	2.838e+05	1.634e+05	-2.150e+04
3	23	45.12	-1.860e+04	-741.96	-1716.57	2.946e+05	1.618e+05	-2.193e+04
3	23	46.00	-1.851e+04	-740.94	-1729.55	3.020e+05	1.602e+05	-2.239e+04
3	23	46.88	-1.842e+04	-740.20	-1744.77	3.060e+05	1.585e+05	-2.289e+04
3	23	47.75	-1.833e+04	-740.39	-1759.96	3.064e+05	1.568e+05	-2.344e+04
3	23	48.62	-1.823e+04	-742.12	-1773.48	3.031e+05	1.551e+05	-2.401e+04
3	23	49.50	-1.813e+04	-746.06	-1782.47	2.957e+05	1.534e+05	-2.458e+04
3	23	50.38	-1.803e+04	-753.68	-1777.75	2.841e+05	1.516e+05	-2.505e+04
3	23	51.25	-1.793e+04	-768.57	-1729.58	2.677e+05	1.501e+05	-2.536e+04
3	23	52.12	-1.782e+04	-758.22	-1606.89	2.470e+05	1.487e+05	-2.549e+04
3	23	85.00	-1.781e+04	-754.32	-1606.89	2.764e+05	8.970e+04	-3.451e+04
3	23	86.75	-1.773e+04	-756.21	-1601.30	2.942e+05	8.660e+04	-3.506e+04
3	23	88.50	-1.765e+04	-758.36	-1595.72	3.092e+05	8.349e+04	-3.559e+04
3	23	90.25	-1.756e+04	-756.97	-1595.16	3.206e+05	8.033e+04	-3.615e+04
3	23	92.00	-1.748e+04	-754.52	-1596.83	3.285e+05	7.711e+04	-3.673e+04
3	23	93.75	-1.738e+04	-752.25	-1599.02	3.331e+05	7.386e+04	-3.731e+04
3	23	95.50	-1.729e+04	-751.12	-1601.16	3.340e+05	7.059e+04	-3.788e+04
3	23	97.25	-1.719e+04	-751.54	-1602.60	3.311e+05	6.731e+04	-3.841e+04
3	23	99.00	-1.709e+04	-753.57	-1601.35	3.241e+05	6.406e+04	-3.889e+04
3	23	100.75	-1.698e+04	-756.31	-1592.96	3.126e+05	6.087e+04	-3.932e+04
3	23	102.50	-1.687e+04	-754.21	-1573.47	2.968e+05	5.776e+04	-3.972e+04
3	23	104.25	-1.677e+04	-753.57	-1550.25	2.782e+05	5.471e+04	-3.996e+04
3	23	127.50	-1.677e+04	-762.32	-1550.25	3.007e+05	1.296e+04	-4.382e+04
3	23	130.12	-1.669e+04	-763.92	-1562.86	3.200e+05	8290.77	-4.426e+04
3	23	132.75	-1.661e+04	-764.12	-1568.84	3.349e+05	3552.35	-4.473e+04
3	23	135.38	-1.653e+04	-760.35	-1566.30	3.463e+05	-1257.38	-4.522e+04
3	23	138.00	-1.644e+04	-755.14	-1557.75	3.548e+05	-6111.65	-4.576e+04
3	23	140.62	-1.635e+04	-751.48	-1546.84	3.601e+05	-1.097e+04	-4.636e+04
3	23	143.25	-1.625e+04	-750.04	-1536.32	3.617e+05	-1.579e+04	-4.698e+04
3	23	145.88	-1.615e+04	-750.12	-1528.08	3.594e+05	-2.057e+04	-4.758e+04
3	23	148.50	-1.605e+04	-750.82	-1523.67	3.530e+05	-2.528e+04	-4.813e+04
3	23	151.12	-1.594e+04	-751.58	-1524.19	3.424e+05	-2.994e+04	-4.861e+04
3	23	153.75	-1.583e+04	-752.59	-1530.11	3.278e+05	-3.455e+04	-4.899e+04
3	23	156.38	-1.572e+04	-753.57	-1540.24	3.098e+05	-3.914e+04	-4.926e+04
3	23	170.00	-1.573e+04	-766.16	-1540.24	3.246e+05	-6.365e+04	-5.030e+04
3	23	173.50	-1.564e+04	-770.25	-1583.00	3.451e+05	-6.986e+04	-5.051e+04
3	23	177.00	-1.557e+04	-766.22	-1600.07	3.591e+05	-7.632e+04	-5.083e+04
3	23	180.50	-1.550e+04	-754.56	-1588.92	3.706e+05	-8.293e+04	-5.124e+04
3	23	184.00	-1.541e+04	-746.79	-1564.12	3.802e+05	-8.954e+04	-5.189e+04
3	23	187.50	-1.532e+04	-746.07	-1536.65	3.865e+05	-9.603e+04	-5.272e+04
3	23	191.00	-1.521e+04	-748.85	-1511.52	3.891e+05	-1.024e+05	-5.359e+04
3	23	194.50	-1.511e+04	-751.76	-1492.26	3.878e+05	-1.085e+05	-5.441e+04
3	23	198.00	-1.500e+04	-753.09	-1484.60	3.824e+05	-1.146e+05	-5.510e+04
3	23	201.50	-1.489e+04	-754.30	-1496.33	3.727e+05	-1.206e+05	-5.562e+04
3	23	205.00	-1.478e+04	-759.01	-1534.07	3.590e+05	-1.266e+05	-5.583e+04
3	23	208.50	-1.468e+04	-763.07	-1585.26	3.428e+05	-1.326e+05	-5.601e+04
3	23	212.50	-1.468e+04	-768.14	-1585.26	3.478e+05	-1.398e+05	-5.586e+04
3	23	216.88	-1.460e+04	-770.51	-1716.09	3.685e+05	-1.473e+05	-5.576e+04
3	23	221.25	-1.457e+04	-742.56	-1727.94	3.779e+05	-1.561e+05	-5.576e+04
3	23	225.62	-1.448e+04	-719.20	-1680.89	3.920e+05	-1.650e+05	-5.636e+04
3	23	230.00	-1.438e+04	-726.39	-1626.69	4.042e+05	-1.735e+05	-5.779e+04
3	23	234.38	-1.427e+04	-742.99	-1578.71	4.124e+05	-1.815e+05	-5.942e+04

3	23	238.75	-1.417e+04	-758.35	-1535.91	4.164e+05	-1.891e+05	-6.095e+04
3	23	243.12	-1.407e+04	-767.71	-1498.46	4.166e+05	-1.965e+05	-6.226e+04
3	23	247.50	-1.396e+04	-767.86	-1476.36	4.126e+05	-2.036e+05	-6.327e+04
3	23	251.88	-1.384e+04	-760.56	-1494.88	4.034e+05	-2.105e+05	-6.399e+04
3	23	255.00	-1.376e+04	-771.59	-1562.84	3.953e+05	-2.154e+05	-6.337e+04
3	23	256.25	-1.366e+04	-853.45	-1653.02	4.067e+05	-2.174e+05	-6.484e+04
3	23	260.25	-1.379e+04	-586.62	-1975.48	3.517e+05	-2.236e+05	-6.835e+04
3	23	260.62	-1.376e+04	-585.83	-1975.14	3.542e+05	-2.240e+05	-6.771e+04
3	23	265.50	-1.364e+04	-518.63	-1823.47	3.792e+05	-2.377e+05	-6.751e+04
3	23	270.75	-1.349e+04	-601.24	-1690.73	4.030e+05	-2.490e+05	-7.167e+04
3	23	276.00	-1.338e+04	-683.18	-1608.38	4.183e+05	-2.588e+05	-7.574e+04
3	23	281.25	-1.329e+04	-746.74	-1547.58	4.280e+05	-2.677e+05	-7.913e+04
3	23	286.50	-1.321e+04	-793.89	-1488.26	4.337e+05	-2.762e+05	-8.191e+04
3	23	291.75	-1.312e+04	-825.43	-1418.13	4.350e+05	-2.843e+05	-8.415e+04
3	23	297.00	-1.302e+04	-830.24	-1338.30	4.312e+05	-2.920e+05	-8.604e+04
3	23	297.50	-1.302e+04	-844.48	-1336.20	4.325e+05	-2.930e+05	-8.592e+04
3	23	302.25	-1.295e+04	-1686.54	98.53	4.012e+05	-3.107e+05	-8.409e+04
3	23	303.62	-1.299e+04	-1421.72	484.60	4.012e+05	-3.465e+05	-1.263e+05
3	23	307.50	-1.236e+04	-1613.20	638.29	4.790e+05	-3.389e+05	-1.499e+05
3	23	309.75	-1.247e+04	-1491.45	685.08	4.194e+05	-3.462e+05	-1.666e+05
3	23	312.75	-1.236e+04	-1671.57	615.77	4.572e+05	-3.466e+05	-1.863e+05
3	23	315.88	-1.236e+04	-1627.92	655.88	4.653e+05	-3.505e+05	-1.984e+05
3	23	322.00	-1.226e+04	-1497.70	687.49	4.893e+05	-3.576e+05	-2.167e+05
3	23	328.12	-1.217e+04	-1326.48	724.51	5.092e+05	-3.652e+05	-2.321e+05
3	23	334.25	-1.208e+04	-1134.47	787.83	5.254e+05	-3.727e+05	-2.455e+05
3	23	340.00	-1.198e+04	-932.15	897.19	5.360e+05	-3.793e+05	-2.565e+05
3	23	340.38	-1.150e+04	-1206.54	838.43	6.264e+05	-3.506e+05	-2.264e+05
3	23	346.50	-8731.92	-2115.53	-2.03	1.009e+06	-2.101e+05	5189.34
3	23	347.00	-9033.43	-1959.03	-42.88	9.609e+05	-2.269e+05	3692.56
3	23	352.62	-7620.21	-2001.83	215.55	9.686e+05	-2.114e+05	7.327e+04
3	23	354.00	-8112.44	-2413.04	518.34	9.413e+05	-2.359e+05	9.898e+04
3	23	358.75	-7675.96	-443.37	1694.18	8.252e+05	-1.864e+05	5.517e+04
3	23	361.00	-7414.34	-354.03	2258.75	7.451e+05	-1.639e+05	1.276e+05
3	23	364.88	-7619.74	500.20	3263.52	7.063e+05	-2.244e+05	1.152e+05
3	23	368.00	-7563.49	460.46	3224.94	6.402e+05	-2.282e+05	1.217e+05
3	23	375.00	-7437.38	334.40	3150.71	4.950e+05	-2.365e+05	1.306e+05
3	23	382.00	-7324.64	186.22	3063.63	3.520e+05	-2.446e+05	1.316e+05
3	23	389.00	-7232.89	7.22	2938.85	2.101e+05	-2.524e+05	1.228e+05
3	23	396.00	-7135.57	-192.57	2735.01	6.908e+04	-2.582e+05	9.709e+04
3	23	403.00	-6153.59	190.90	2334.40	-4.213e+04	-2.512e+05	3.149e+04
3	23	405.00	-6132.55	-880.70	1981.83	-7.718e+04	-2.925e+05	2.664e+04
3	31	0.0	-2.105e+04	-945.23	-2141.87	2.697e+05	2.909e+05	-3254.13
3	31	42.50	-2.105e+04	-922.73	-2141.87	3.137e+05	1.994e+05	-2.634e+04
3	31	43.38	-2.096e+04	-929.79	-2072.61	3.317e+05	1.976e+05	-2.694e+04
3	31	44.25	-2.088e+04	-926.05	-2051.22	3.455e+05	1.958e+05	-2.748e+04
3	31	45.12	-2.079e+04	-924.64	-2057.64	3.564e+05	1.939e+05	-2.803e+04
3	31	46.00	-2.070e+04	-923.36	-2073.05	3.639e+05	1.920e+05	-2.860e+04
3	31	46.88	-2.061e+04	-922.38	-2091.12	3.681e+05	1.900e+05	-2.923e+04
3	31	47.75	-2.052e+04	-922.49	-2109.20	3.686e+05	1.879e+05	-2.992e+04
3	31	48.62	-2.043e+04	-924.41	-2125.30	3.654e+05	1.859e+05	-3.064e+04
3	31	49.50	-2.033e+04	-928.91	-2135.96	3.581e+05	1.838e+05	-3.134e+04
3	31	50.38	-2.023e+04	-937.61	-2130.07	3.466e+05	1.817e+05	-3.193e+04
3	31	51.25	-2.012e+04	-954.33	-2071.53	3.302e+05	1.799e+05	-3.232e+04
3	31	52.12	-2.001e+04	-941.21	-1922.28	3.097e+05	1.783e+05	-3.249e+04
3	31	85.00	-2.001e+04	-937.41	-1922.28	3.457e+05	1.077e+05	-4.387e+04
3	31	86.75	-1.992e+04	-939.67	-1916.54	3.638e+05	1.040e+05	-4.456e+04
3	31	88.50	-1.984e+04	-942.07	-1910.44	3.791e+05	1.002e+05	-4.523e+04
3	31	90.25	-1.976e+04	-940.41	-1909.98	3.906e+05	9.646e+04	-4.592e+04
3	31	92.00	-1.967e+04	-937.46	-1912.03	3.987e+05	9.261e+04	-4.663e+04
3	31	93.75	-1.958e+04	-934.71	-1914.64	4.036e+05	8.872e+04	-4.735e+04
3	31	95.50	-1.948e+04	-933.26	-1917.18	4.048e+05	8.480e+04	-4.805e+04
3	31	97.25	-1.939e+04	-933.62	-1918.86	4.021e+05	8.088e+04	-4.871e+04
3	31	99.00	-1.928e+04	-935.84	-1917.29	3.953e+05	7.699e+04	-4.929e+04
3	31	100.75	-1.917e+04	-938.88	-1907.05	3.840e+05	7.318e+04	-4.982e+04
3	31	102.50	-1.906e+04	-936.54	-1883.31	3.684e+05	6.947e+04	-5.030e+04
3	31	104.25	-1.896e+04	-935.88	-1854.99	3.502e+05	6.582e+04	-5.060e+04
3	31	127.50	-1.896e+04	-946.25	-1854.99	3.778e+05	1.590e+04	-5.531e+04
3	31	130.12	-1.888e+04	-948.29	-1870.08	3.976e+05	1.031e+04	-5.585e+04
3	31	132.75	-1.880e+04	-948.55	-1877.26	4.128e+05	4640.03	-5.642e+04
3	31	135.38	-1.872e+04	-944.11	-1874.29	4.245e+05	-1112.15	-5.702e+04
3	31	138.00	-1.864e+04	-937.93	-1864.16	4.333e+05	-6916.68	-5.766e+04
3	31	140.62	-1.855e+04	-933.54	-1851.21	4.390e+05	-1.272e+04	-5.838e+04
3	31	143.25	-1.845e+04	-931.73	-1838.69	4.410e+05	-1.849e+04	-5.911e+04
3	31	145.88	-1.835e+04	-931.68	-1828.88	4.391e+05	-2.420e+04	-5.982e+04
3	31	148.50	-1.824e+04	-932.40	-1823.64	4.331e+05	-2.984e+04	-6.046e+04
3	31	151.12	-1.813e+04	-933.29	-1824.33	4.228e+05	-3.541e+04	-6.102e+04
3	31	153.75	-1.802e+04	-934.65	-1831.54	4.087e+05	-4.092e+04	-6.146e+04

3	31	156.38	-1.791e+04	-936.02	-1843.84	3.912e+05	-4.641e+04	-6.175e+04
3	31	170.00	-1.792e+04	-950.55	-1843.84	4.093e+05	-7.573e+04	-6.288e+04
3	31	173.50	-1.783e+04	-955.52	-1893.98	4.307e+05	-8.316e+04	-6.310e+04
3	31	177.00	-1.777e+04	-950.88	-1913.88	4.449e+05	-9.088e+04	-6.345e+04
3	31	180.50	-1.770e+04	-937.22	-1900.56	4.567e+05	-9.879e+04	-6.391e+04
3	31	184.00	-1.761e+04	-928.07	-1871.14	4.668e+05	-1.067e+05	-6.464e+04
3	31	187.50	-1.751e+04	-927.15	-1838.50	4.737e+05	-1.144e+05	-6.557e+04
3	31	191.00	-1.741e+04	-930.31	-1808.57	4.770e+05	-1.220e+05	-6.656e+04
3	31	194.50	-1.730e+04	-933.59	-1785.59	4.763e+05	-1.294e+05	-6.747e+04
3	31	198.00	-1.719e+04	-935.02	-1776.57	4.715e+05	-1.366e+05	-6.822e+04
3	31	201.50	-1.708e+04	-936.43	-1790.98	4.623e+05	-1.438e+05	-6.878e+04
3	31	205.00	-1.697e+04	-942.16	-1836.85	4.493e+05	-1.510e+05	-6.896e+04
3	31	208.50	-1.686e+04	-947.16	-1899.04	4.340e+05	-1.581e+05	-6.910e+04
3	31	212.50	-1.686e+04	-952.93	-1899.04	4.401e+05	-1.668e+05	-6.882e+04
3	31	216.88	-1.679e+04	-955.79	-2052.33	4.617e+05	-1.758e+05	-6.859e+04
3	31	221.25	-1.677e+04	-923.03	-2065.80	4.705e+05	-1.863e+05	-6.848e+04
3	31	225.62	-1.668e+04	-895.63	-2010.09	4.854e+05	-1.969e+05	-6.908e+04
3	31	230.00	-1.658e+04	-904.05	-1945.93	4.987e+05	-2.070e+05	-7.064e+04
3	31	234.38	-1.647e+04	-923.52	-1888.91	5.078e+05	-2.166e+05	-7.244e+04
3	31	238.75	-1.637e+04	-941.50	-1837.80	5.128e+05	-2.257e+05	-7.411e+04
3	31	243.12	-1.626e+04	-952.36	-1792.90	5.139e+05	-2.346e+05	-7.551e+04
3	31	247.50	-1.616e+04	-952.24	-1766.45	5.108e+05	-2.431e+05	-7.656e+04
3	31	251.88	-1.603e+04	-943.26	-1789.15	5.023e+05	-2.513e+05	-7.726e+04
3	31	255.00	-1.595e+04	-956.57	-1871.66	4.948e+05	-2.572e+05	-7.637e+04
3	31	256.25	-1.584e+04	-1052.50	-1978.44	5.084e+05	-2.596e+05	-7.805e+04
3	31	260.25	-1.601e+04	-739.88	-2361.18	4.451e+05	-2.670e+05	-8.203e+04
3	31	260.62	-1.599e+04	-739.07	-2361.17	4.482e+05	-2.675e+05	-8.126e+04
3	31	265.50	-1.586e+04	-660.03	-2182.23	4.756e+05	-2.838e+05	-8.078e+04
3	31	270.75	-1.570e+04	-756.85	-2025.86	5.019e+05	-2.973e+05	-8.539e+04
3	31	276.00	-1.559e+04	-853.10	-1928.52	5.189e+05	-3.090e+05	-8.989e+04
3	31	281.25	-1.550e+04	-927.84	-1856.14	5.300e+05	-3.197e+05	-9.360e+04
3	31	286.50	-1.542e+04	-983.29	-1784.98	5.369e+05	-3.299e+05	-9.658e+04
3	31	291.75	-1.533e+04	-1020.29	-1700.41	5.394e+05	-3.397e+05	-9.891e+04
3	31	297.00	-1.522e+04	-1025.27	-1603.95	5.364e+05	-3.488e+05	-1.008e+05
3	31	297.50	-1.523e+04	-1042.43	-1601.43	5.382e+05	-3.500e+05	-1.006e+05
3	31	302.25	-1.518e+04	-2029.69	90.58	5.010e+05	-3.709e+05	-9.826e+04
3	31	303.62	-1.524e+04	-1720.60	544.92	5.012e+05	-4.130e+05	-1.475e+05
3	31	307.50	-1.451e+04	-1938.91	722.55	5.929e+05	-4.042e+05	-1.751e+05
3	31	309.75	-1.466e+04	-1796.87	774.30	5.230e+05	-4.128e+05	-1.944e+05
3	31	312.75	-1.454e+04	-2012.58	688.81	5.698e+05	-4.134e+05	-2.175e+05
3	31	315.88	-1.455e+04	-1961.35	735.97	5.787e+05	-4.181e+05	-2.315e+05
3	31	322.00	-1.445e+04	-1808.74	773.76	6.059e+05	-4.268e+05	-2.524e+05
3	31	328.12	-1.436e+04	-1608.20	818.59	6.290e+05	-4.360e+05	-2.698e+05
3	31	334.25	-1.427e+04	-1383.30	895.39	6.483e+05	-4.451e+05	-2.849e+05
3	31	340.00	-1.417e+04	-1146.01	1027.99	6.617e+05	-4.531e+05	-2.972e+05
3	31	340.38	-1.361e+04	-1468.00	958.75	7.675e+05	-4.194e+05	-2.619e+05
3	31	346.50	-1.038e+04	-2534.98	-27.61	1.215e+06	-2.547e+05	1.051e+04
3	31	347.00	-1.074e+04	-2353.73	-74.49	1.158e+06	-2.744e+05	8877.91
3	31	352.62	-9083.92	-2395.32	248.22	1.165e+06	-2.563e+05	9.114e+04
3	31	354.00	-9678.32	-2895.56	617.46	1.133e+06	-2.858e+05	1.222e+05
3	31	358.75	-9176.21	-524.08	2045.69	9.947e+05	-2.259e+05	6.838e+04
3	31	361.00	-8873.77	-425.96	2730.50	8.996e+05	-1.987e+05	1.560e+05
3	31	364.88	-9141.21	621.81	3947.82	8.546e+05	-2.720e+05	1.407e+05
3	31	368.00	-9076.98	572.54	3902.08	7.745e+05	-2.766e+05	1.484e+05
3	31	375.00	-8933.06	421.98	3813.33	5.987e+05	-2.866e+05	1.588e+05
3	31	382.00	-8805.36	244.44	3708.49	4.257e+05	-2.965e+05	1.599e+05
3	31	389.00	-8703.17	29.25	3557.70	2.539e+05	-3.059e+05	1.490e+05
3	31	396.00	-8594.46	-211.64	3310.97	8.326e+04	-3.129e+05	1.178e+05
3	31	403.00	-7416.76	251.03	2825.74	-5.127e+04	-3.044e+05	3.822e+04
3	31	405.00	-7396.48	-1044.12	2398.61	-9.375e+04	-3.545e+05	3.232e+04
3	32	0.0	-2.105e+04	-951.58	-2141.72	2.671e+05	2.908e+05	-3254.87
3	32	42.50	-2.105e+04	-929.07	-2141.72	3.113e+05	1.994e+05	-2.634e+04
3	32	43.38	-2.096e+04	-936.15	-2072.47	3.293e+05	1.976e+05	-2.695e+04
3	32	44.25	-2.088e+04	-932.39	-2051.09	3.431e+05	1.958e+05	-2.749e+04
3	32	45.12	-2.079e+04	-930.99	-2057.51	3.540e+05	1.939e+05	-2.803e+04
3	32	46.00	-2.070e+04	-929.72	-2072.92	3.616e+05	1.919e+05	-2.861e+04
3	32	46.88	-2.061e+04	-928.74	-2090.99	3.657e+05	1.899e+05	-2.924e+04
3	32	47.75	-2.052e+04	-928.85	-2109.07	3.663e+05	1.879e+05	-2.992e+04
3	32	48.62	-2.043e+04	-930.77	-2125.17	3.630e+05	1.858e+05	-3.064e+04
3	32	49.50	-2.033e+04	-935.27	-2135.83	3.558e+05	1.837e+05	-3.135e+04
3	32	50.38	-2.023e+04	-943.96	-2129.94	3.443e+05	1.816e+05	-3.193e+04
3	32	51.25	-2.012e+04	-960.66	-2071.40	3.279e+05	1.798e+05	-3.232e+04
3	32	52.12	-2.001e+04	-947.56	-1922.14	3.074e+05	1.782e+05	-3.250e+04
3	32	85.00	-2.001e+04	-943.75	-1922.14	3.436e+05	1.076e+05	-4.388e+04
3	32	86.75	-1.992e+04	-946.02	-1916.41	3.617e+05	1.039e+05	-4.457e+04
3	32	88.50	-1.984e+04	-948.42	-1910.31	3.770e+05	1.002e+05	-4.524e+04
3	32	90.25	-1.976e+04	-946.77	-1909.85	3.885e+05	9.643e+04	-4.593e+04

3	32	92.00	-1.967e+04	-943.81	-1911.90	3.967e+05	9.259e+04	-4.664e+04
3	32	93.75	-1.958e+04	-941.06	-1914.51	4.015e+05	8.869e+04	-4.736e+04
3	32	95.50	-1.948e+04	-939.61	-1917.05	4.027e+05	8.478e+04	-4.806e+04
3	32	97.25	-1.938e+04	-939.97	-1918.74	4.001e+05	8.086e+04	-4.872e+04
3	32	99.00	-1.928e+04	-942.19	-1917.16	3.933e+05	7.696e+04	-4.930e+04
3	32	100.75	-1.917e+04	-945.23	-1906.92	3.820e+05	7.315e+04	-4.983e+04
3	32	102.50	-1.906e+04	-942.89	-1883.18	3.665e+05	6.944e+04	-5.031e+04
3	32	104.25	-1.896e+04	-942.22	-1854.86	3.482e+05	6.580e+04	-5.061e+04
3	32	127.50	-1.896e+04	-952.60	-1854.86	3.759e+05	1.588e+04	-5.532e+04
3	32	130.12	-1.888e+04	-954.63	-1869.95	3.958e+05	1.029e+04	-5.586e+04
3	32	132.75	-1.880e+04	-954.89	-1877.13	4.110e+05	4620.26	-5.643e+04
3	32	135.38	-1.872e+04	-950.46	-1874.16	4.227e+05	-1131.58	-5.703e+04
3	32	138.00	-1.864e+04	-944.28	-1864.04	4.315e+05	-6935.77	-5.768e+04
3	32	140.62	-1.855e+04	-939.88	-1851.09	4.372e+05	-1.274e+04	-5.839e+04
3	32	143.25	-1.845e+04	-938.08	-1838.57	4.393e+05	-1.851e+04	-5.912e+04
3	32	145.88	-1.834e+04	-938.02	-1828.75	4.374e+05	-2.422e+04	-5.983e+04
3	32	148.50	-1.824e+04	-938.74	-1823.51	4.314e+05	-2.986e+04	-6.047e+04
3	32	151.12	-1.813e+04	-939.64	-1824.21	4.212e+05	-3.543e+04	-6.103e+04
3	32	153.75	-1.802e+04	-940.99	-1831.41	4.070e+05	-4.094e+04	-6.147e+04
3	32	156.38	-1.791e+04	-942.37	-1843.71	3.896e+05	-4.643e+04	-6.176e+04
3	32	170.00	-1.791e+04	-956.90	-1843.71	4.078e+05	-7.575e+04	-6.289e+04
3	32	173.50	-1.783e+04	-961.87	-1893.86	4.291e+05	-8.317e+04	-6.312e+04
3	32	177.00	-1.777e+04	-957.23	-1913.75	4.433e+05	-9.090e+04	-6.346e+04
3	32	180.50	-1.770e+04	-943.57	-1900.44	4.552e+05	-9.880e+04	-6.392e+04
3	32	184.00	-1.761e+04	-934.42	-1871.01	4.653e+05	-1.067e+05	-6.465e+04
3	32	187.50	-1.751e+04	-933.49	-1838.38	4.723e+05	-1.144e+05	-6.558e+04
3	32	191.00	-1.741e+04	-936.65	-1808.44	4.755e+05	-1.220e+05	-6.657e+04
3	32	194.50	-1.730e+04	-939.93	-1785.46	4.749e+05	-1.294e+05	-6.748e+04
3	32	198.00	-1.719e+04	-941.36	-1776.44	4.701e+05	-1.367e+05	-6.824e+04
3	32	201.50	-1.708e+04	-942.76	-1790.85	4.609e+05	-1.438e+05	-6.879e+04
3	32	205.00	-1.697e+04	-948.50	-1836.73	4.479e+05	-1.510e+05	-6.897e+04
3	32	208.50	-1.686e+04	-953.50	-1898.91	4.327e+05	-1.581e+05	-6.911e+04
3	32	212.50	-1.686e+04	-959.28	-1898.91	4.388e+05	-1.668e+05	-6.883e+04
3	32	216.88	-1.679e+04	-962.14	-2052.20	4.604e+05	-1.758e+05	-6.860e+04
3	32	221.25	-1.677e+04	-929.39	-2065.66	4.692e+05	-1.863e+05	-6.849e+04
3	32	225.62	-1.668e+04	-901.98	-2009.96	4.842e+05	-1.969e+05	-6.909e+04
3	32	230.00	-1.658e+04	-910.42	-1945.80	4.975e+05	-2.070e+05	-7.065e+04
3	32	234.38	-1.647e+04	-929.89	-1888.79	5.066e+05	-2.166e+05	-7.245e+04
3	32	238.75	-1.637e+04	-947.86	-1837.67	5.117e+05	-2.258e+05	-7.412e+04
3	32	243.12	-1.626e+04	-958.70	-1792.78	5.128e+05	-2.346e+05	-7.552e+04
3	32	247.50	-1.616e+04	-958.56	-1766.32	5.098e+05	-2.431e+05	-7.657e+04
3	32	251.88	-1.603e+04	-949.57	-1789.02	5.012e+05	-2.513e+05	-7.727e+04
3	32	255.00	-1.595e+04	-962.87	-1871.53	4.938e+05	-2.572e+05	-7.638e+04
3	32	256.25	-1.584e+04	-1058.80	-1978.31	5.074e+05	-2.596e+05	-7.806e+04
3	32	260.25	-1.601e+04	-746.22	-2361.04	4.441e+05	-2.670e+05	-8.204e+04
3	32	260.62	-1.599e+04	-745.40	-2361.02	4.472e+05	-2.676e+05	-8.128e+04
3	32	265.50	-1.586e+04	-666.37	-2182.09	4.747e+05	-2.838e+05	-8.079e+04
3	32	270.75	-1.570e+04	-763.26	-2025.72	5.010e+05	-2.973e+05	-8.540e+04
3	32	276.00	-1.559e+04	-859.52	-1928.39	5.180e+05	-3.090e+05	-8.990e+04
3	32	281.25	-1.550e+04	-934.25	-1856.01	5.291e+05	-3.197e+05	-9.361e+04
3	32	286.50	-1.542e+04	-989.67	-1784.85	5.361e+05	-3.299e+05	-9.659e+04
3	32	291.75	-1.533e+04	-1026.61	-1700.28	5.386e+05	-3.397e+05	-9.892e+04
3	32	297.00	-1.522e+04	-1031.54	-1603.83	5.357e+05	-3.488e+05	-1.008e+05
3	32	297.50	-1.523e+04	-1048.69	-1601.31	5.375e+05	-3.500e+05	-1.006e+05
3	32	302.25	-1.518e+04	-2035.73	90.69	5.003e+05	-3.709e+05	-9.827e+04
3	32	303.62	-1.524e+04	-1726.78	545.02	5.005e+05	-4.130e+05	-1.475e+05
3	32	307.50	-1.451e+04	-1945.06	722.65	5.923e+05	-4.042e+05	-1.751e+05
3	32	309.75	-1.466e+04	-1803.11	774.40	5.128e+05	-4.128e+05	-1.945e+05
3	32	312.75	-1.454e+04	-2018.77	688.93	5.692e+05	-4.134e+05	-2.175e+05
3	32	315.88	-1.455e+04	-1967.53	736.08	5.780e+05	-4.181e+05	-2.315e+05
3	32	322.00	-1.445e+04	-1814.86	773.86	6.053e+05	-4.268e+05	-2.524e+05
3	32	328.12	-1.436e+04	-1614.23	818.69	6.284e+05	-4.360e+05	-2.698e+05
3	32	334.25	-1.427e+04	-1389.20	895.48	6.478e+05	-4.451e+05	-2.849e+05
3	32	340.00	-1.417e+04	-1151.76	1028.08	6.612e+05	-4.531e+05	-2.972e+05
3	32	340.38	-1.361e+04	-1473.72	958.84	7.671e+05	-4.194e+05	-2.619e+05
3	32	346.50	-1.038e+04	-2540.28	-27.53	1.214e+06	-2.547e+05	1.050e+04
3	32	347.00	-1.074e+04	-2359.03	-74.41	1.158e+06	-2.744e+05	8869.99
3	32	352.62	-9083.42	-2400.26	248.29	1.164e+06	-2.562e+05	9.113e+04
3	32	354.00	-9677.75	-2900.48	617.51	1.133e+06	-2.858e+05	1.222e+05
3	32	358.75	-9175.80	-528.70	2045.66	9.944e+05	-2.259e+05	6.837e+04
3	32	361.00	-8873.62	-430.60	2730.59	8.993e+05	-1.987e+05	1.560e+05
3	32	364.88	-9140.41	617.82	3948.11	8.543e+05	-2.720e+05	1.407e+05
3	32	368.00	-9076.21	568.45	3902.37	7.742e+05	-2.766e+05	1.483e+05
3	32	375.00	-8932.36	417.71	3813.62	5.985e+05	-2.866e+05	1.588e+05
3	32	382.00	-8804.74	240.03	3708.78	4.255e+05	-2.965e+05	1.599e+05
3	32	389.00	-8702.63	24.79	3557.98	2.538e+05	-3.058e+05	1.490e+05
3	32	396.00	-8594.00	-216.03	3311.25	8.318e+04	-3.129e+05	1.178e+05

3	32	403.00	-7416.16	247.14	2826.03	-5.131e+04	-3.044e+05	3.821e+04
3	32	405.00	-7395.35	-1047.91	2398.91	-9.377e+04	-3.545e+05	3.231e+04
3	35	0.0	-1.926e+04	-792.42	-1854.90	2.272e+05	2.517e+05	-2657.80
3	35	42.50	-1.926e+04	-771.01	-1854.90	2.644e+05	1.724e+05	-2.164e+04
3	35	43.38	-1.917e+04	-777.13	-1792.45	2.822e+05	1.709e+05	-2.214e+04
3	35	44.25	-1.908e+04	-773.66	-1773.34	2.960e+05	1.694e+05	-2.259e+04
3	35	45.12	-1.900e+04	-772.43	-1778.87	3.068e+05	1.677e+05	-2.304e+04
3	35	46.00	-1.891e+04	-771.37	-1792.29	3.143e+05	1.660e+05	-2.351e+04
3	35	46.88	-1.882e+04	-770.59	-1808.03	3.183e+05	1.643e+05	-2.404e+04
3	35	47.75	-1.873e+04	-770.76	-1823.75	3.187e+05	1.625e+05	-2.461e+04
3	35	48.62	-1.863e+04	-772.52	-1837.74	3.154e+05	1.607e+05	-2.521e+04
3	35	49.50	-1.854e+04	-776.56	-1847.03	3.080e+05	1.589e+05	-2.581e+04
3	35	50.38	-1.843e+04	-784.38	-1842.10	2.964e+05	1.571e+05	-2.630e+04
3	35	51.25	-1.833e+04	-799.62	-1792.04	2.801e+05	1.555e+05	-2.662e+04
3	35	52.12	-1.822e+04	-788.75	-1664.52	2.594e+05	1.541e+05	-2.676e+04
3	35	85.00	-1.821e+04	-784.87	-1664.52	2.899e+05	9.299e+04	-3.621e+04
3	35	86.75	-1.813e+04	-786.83	-1658.89	3.078e+05	8.978e+04	-3.678e+04
3	35	88.50	-1.805e+04	-789.02	-1653.21	3.228e+05	8.656e+04	-3.734e+04
3	35	90.25	-1.796e+04	-787.59	-1652.67	3.342e+05	8.328e+04	-3.792e+04
3	35	92.00	-1.788e+04	-785.04	-1654.41	3.422e+05	7.995e+04	-3.852e+04
3	35	93.75	-1.779e+04	-782.69	-1656.67	3.468e+05	7.658e+04	-3.913e+04
3	35	95.50	-1.769e+04	-781.49	-1658.89	3.478e+05	7.319e+04	-3.972e+04
3	35	97.25	-1.759e+04	-781.91	-1660.37	3.449e+05	6.980e+04	-4.028e+04
3	35	99.00	-1.749e+04	-783.97	-1659.06	3.379e+05	6.643e+04	-4.078e+04
3	35	100.75	-1.738e+04	-786.77	-1650.34	3.264e+05	6.312e+04	-4.122e+04
3	35	102.50	-1.727e+04	-784.63	-1630.07	3.107e+05	5.991e+04	-4.163e+04
3	35	104.25	-1.717e+04	-783.98	-1605.92	2.921e+05	5.675e+04	-4.189e+04
3	35	127.50	-1.717e+04	-793.03	-1605.92	3.155e+05	1.351e+04	-4.590e+04
3	35	130.12	-1.709e+04	-794.71	-1618.99	3.349e+05	8667.86	-4.636e+04
3	35	132.75	-1.701e+04	-794.92	-1625.19	3.498e+05	3759.60	-4.685e+04
3	35	135.38	-1.693e+04	-791.03	-1622.56	3.613e+05	-1222.29	-4.736e+04
3	35	138.00	-1.684e+04	-785.64	-1613.73	3.698e+05	-6250.15	-4.792e+04
3	35	140.62	-1.675e+04	-781.84	-1602.45	3.751e+05	-1.128e+04	-4.854e+04
3	35	143.25	-1.665e+04	-780.34	-1591.56	3.768e+05	-1.628e+04	-4.918e+04
3	35	145.88	-1.655e+04	-780.39	-1583.04	3.746e+05	-2.122e+04	-4.980e+04
3	35	148.50	-1.645e+04	-781.10	-1578.47	3.683e+05	-2.611e+04	-5.037e+04
3	35	151.12	-1.634e+04	-781.89	-1579.02	3.577e+05	-3.093e+04	-5.086e+04
3	35	153.75	-1.623e+04	-782.96	-1585.17	3.432e+05	-3.571e+04	-5.125e+04
3	35	156.38	-1.612e+04	-784.01	-1595.70	3.253e+05	-4.046e+04	-5.152e+04
3	35	170.00	-1.613e+04	-796.95	-1595.70	3.406e+05	-6.585e+04	-5.258e+04
3	35	173.50	-1.604e+04	-801.20	-1639.81	3.613e+05	-7.228e+04	-5.280e+04
3	35	177.00	-1.598e+04	-797.06	-1657.40	3.754e+05	-7.897e+04	-5.312e+04
3	35	180.50	-1.590e+04	-785.03	-1645.85	3.869e+05	-8.582e+04	-5.354e+04
3	35	184.00	-1.581e+04	-777.01	-1620.21	3.965e+05	-9.266e+04	-5.420e+04
3	35	187.50	-1.572e+04	-776.25	-1591.80	4.030e+05	-9.938e+04	-5.505e+04
3	35	191.00	-1.561e+04	-779.10	-1565.79	4.057e+05	-1.059e+05	-5.595e+04
3	35	194.50	-1.551e+04	-782.08	-1545.85	4.045e+05	-1.123e+05	-5.678e+04
3	35	198.00	-1.540e+04	-783.43	-1537.94	3.992e+05	-1.186e+05	-5.748e+04
3	35	201.50	-1.529e+04	-784.69	-1550.16	3.895e+05	-1.248e+05	-5.801e+04
3	35	205.00	-1.518e+04	-789.58	-1589.38	3.760e+05	-1.310e+05	-5.822e+04
3	35	208.50	-1.508e+04	-793.81	-1642.58	3.600e+05	-1.372e+05	-5.839e+04
3	35	212.50	-1.508e+04	-799.01	-1642.58	3.652e+05	-1.447e+05	-5.822e+04
3	35	216.88	-1.500e+04	-801.46	-1777.52	3.860e+05	-1.525e+05	-5.809e+04
3	35	221.25	-1.497e+04	-772.63	-1789.67	3.952e+05	-1.616e+05	-5.807e+04
3	35	225.62	-1.489e+04	-748.53	-1741.03	4.095e+05	-1.708e+05	-5.867e+04
3	35	230.00	-1.478e+04	-755.94	-1685.01	4.219e+05	-1.796e+05	-6.013e+04
3	35	234.38	-1.468e+04	-773.07	-1635.38	4.302e+05	-1.879e+05	-6.179e+04
3	35	238.75	-1.457e+04	-788.91	-1591.06	4.344e+05	-1.958e+05	-6.334e+04
3	35	243.12	-1.447e+04	-798.55	-1552.25	4.347e+05	-2.034e+05	-6.467e+04
3	35	247.50	-1.436e+04	-798.66	-1529.36	4.309e+05	-2.108e+05	-6.569e+04
3	35	251.88	-1.424e+04	-791.06	-1548.65	4.218e+05	-2.179e+05	-6.641e+04
3	35	255.00	-1.416e+04	-802.51	-1619.26	4.138e+05	-2.230e+05	-6.573e+04
3	35	256.25	-1.406e+04	-886.94	-1712.47	4.256e+05	-2.251e+05	-6.724e+04
3	35	260.25	-1.419e+04	-611.72	-2045.94	3.691e+05	-2.315e+05	-7.084e+04
3	35	260.62	-1.417e+04	-610.94	-2045.67	3.717e+05	-2.320e+05	-7.018e+04
3	35	265.50	-1.404e+04	-541.56	-1889.01	3.971e+05	-2.461e+05	-6.993e+04
3	35	270.75	-1.390e+04	-626.74	-1751.94	4.213e+05	-2.578e+05	-7.417e+04
3	35	276.00	-1.379e+04	-711.30	-1666.86	4.369e+05	-2.679e+05	-7.832e+04
3	35	281.25	-1.370e+04	-776.90	-1603.94	4.469e+05	-2.772e+05	-8.177e+04
3	35	286.50	-1.361e+04	-825.58	-1542.46	4.528e+05	-2.860e+05	-8.459e+04
3	35	291.75	-1.352e+04	-858.14	-1469.69	4.544e+05	-2.944e+05	-8.684e+04
3	35	297.00	-1.342e+04	-863.01	-1386.84	4.506e+05	-3.024e+05	-8.874e+04
3	35	297.50	-1.343e+04	-877.78	-1384.66	4.520e+05	-3.034e+05	-8.861e+04
3	35	302.25	-1.336e+04	-1746.49	97.10	4.196e+05	-3.217e+05	-8.667e+04
3	35	303.62	-1.340e+04	-1473.51	495.64	4.197e+05	-3.586e+05	-1.301e+05
3	35	307.50	-1.275e+04	-1669.93	653.72	5.000e+05	-3.508e+05	-1.545e+05
3	35	309.75	-1.287e+04	-1544.44	701.43	4.385e+05	-3.583e+05	-1.717e+05

3	35	312.75	-1.276e+04	-1731.07	629.17	4.780e+05	-3.588e+05	-1.920e+05
3	35	315.88	-1.276e+04	-1686.04	670.57	4.862e+05	-3.628e+05	-2.045e+05
3	35	322.00	-1.266e+04	-1551.74	703.31	5.107e+05	-3.703e+05	-2.233e+05
3	35	328.12	-1.257e+04	-1375.20	741.75	5.312e+05	-3.781e+05	-2.390e+05
3	35	334.25	-1.248e+04	-1177.22	807.53	5.480e+05	-3.859e+05	-2.527e+05
3	35	340.00	-1.238e+04	-968.57	921.13	5.591e+05	-3.928e+05	-2.639e+05
3	35	340.38	-1.188e+04	-1251.68	860.46	6.522e+05	-3.632e+05	-2.329e+05
3	35	346.50	-9032.63	-2189.72	-6.67	1.047e+06	-2.183e+05	6152.93
3	35	347.00	-9344.53	-2028.69	-48.63	9.970e+05	-2.356e+05	4631.08
3	35	352.62	-7887.28	-2071.46	221.50	1.004e+06	-2.195e+05	7.653e+04
3	35	354.00	-8398.18	-2498.90	536.41	9.765e+05	-2.450e+05	1.032e+05
3	35	358.75	-7949.67	-456.09	1758.29	8.563e+05	-1.936e+05	5.758e+04
3	35	361.00	-7680.48	-365.12	2344.73	7.734e+05	-1.703e+05	1.328e+05
3	35	364.88	-7897.47	524.09	3388.15	7.335e+05	-2.331e+05	1.199e+05
3	35	368.00	-7839.76	482.65	3348.27	6.648e+05	-2.370e+05	1.266e+05
3	35	375.00	-7710.37	352.20	3271.39	5.140e+05	-2.456e+05	1.357e+05
3	35	382.00	-7594.87	198.73	3181.07	3.655e+05	-2.541e+05	1.368e+05
3	35	389.00	-7501.18	13.15	3051.54	2.182e+05	-2.621e+05	1.276e+05
3	35	396.00	-7401.76	-194.17	2839.89	7.170e+04	-2.682e+05	1.009e+05
3	35	403.00	-6384.15	203.54	2423.85	-4.377e+04	-2.609e+05	3.272e+04
3	35	405.00	-6363.48	-908.87	2057.68	-8.019e+04	-3.038e+05	2.768e+04
3	37	0.0	-1.926e+04	-779.72	-1855.21	2.325e+05	2.518e+05	-2656.32
3	37	42.50	-1.926e+04	-758.33	-1855.21	2.691e+05	1.725e+05	-2.162e+04
3	37	43.38	-1.917e+04	-764.42	-1792.73	2.869e+05	1.709e+05	-2.213e+04
3	37	44.25	-1.909e+04	-760.96	-1773.60	3.007e+05	1.694e+05	-2.258e+04
3	37	45.12	-1.900e+04	-759.73	-1779.13	3.115e+05	1.678e+05	-2.302e+04
3	37	46.00	-1.891e+04	-758.66	-1792.55	3.190e+05	1.661e+05	-2.350e+04
3	37	46.88	-1.882e+04	-757.87	-1808.29	3.230e+05	1.643e+05	-2.403e+04
3	37	47.75	-1.873e+04	-758.03	-1824.01	3.234e+05	1.626e+05	-2.460e+04
3	37	48.62	-1.863e+04	-759.79	-1838.00	3.201e+05	1.608e+05	-2.520e+04
3	37	49.50	-1.854e+04	-763.83	-1847.29	3.127e+05	1.590e+05	-2.579e+04
3	37	50.38	-1.843e+04	-771.66	-1842.35	3.011e+05	1.572e+05	-2.628e+04
3	37	51.25	-1.833e+04	-786.96	-1792.29	2.847e+05	1.556e+05	-2.661e+04
3	37	52.12	-1.822e+04	-776.06	-1664.79	2.640e+05	1.542e+05	-2.675e+04
3	37	85.00	-1.822e+04	-772.19	-1664.79	2.941e+05	9.304e+04	-3.619e+04
3	37	86.75	-1.813e+04	-774.14	-1659.16	3.119e+05	8.983e+04	-3.677e+04
3	37	88.50	-1.805e+04	-776.32	-1653.47	3.270e+05	8.661e+04	-3.732e+04
3	37	90.25	-1.796e+04	-774.89	-1652.93	3.383e+05	8.334e+04	-3.790e+04
3	37	92.00	-1.788e+04	-772.34	-1654.67	3.463e+05	8.000e+04	-3.850e+04
3	37	93.75	-1.779e+04	-769.98	-1656.93	3.509e+05	7.663e+04	-3.911e+04
3	37	95.50	-1.769e+04	-768.78	-1659.14	3.518e+05	7.324e+04	-3.970e+04
3	37	97.25	-1.759e+04	-769.20	-1660.62	3.489e+05	6.985e+04	-4.026e+04
3	37	99.00	-1.749e+04	-771.27	-1659.31	3.419e+05	6.648e+04	-4.076e+04
3	37	100.75	-1.738e+04	-774.08	-1650.59	3.304e+05	6.317e+04	-4.120e+04
3	37	102.50	-1.727e+04	-771.94	-1630.33	3.147e+05	5.996e+04	-4.162e+04
3	37	104.25	-1.717e+04	-771.29	-1606.19	2.961e+05	5.680e+04	-4.187e+04
3	37	127.50	-1.717e+04	-780.35	-1606.19	3.191e+05	1.355e+04	-4.588e+04
3	37	130.12	-1.709e+04	-782.02	-1619.25	3.385e+05	8708.09	-4.634e+04
3	37	132.75	-1.701e+04	-782.22	-1625.45	3.534e+05	3799.14	-4.683e+04
3	37	135.38	-1.693e+04	-778.33	-1622.82	3.648e+05	-1183.43	-4.734e+04
3	37	138.00	-1.685e+04	-772.94	-1613.98	3.734e+05	-6211.98	-4.790e+04
3	37	140.62	-1.675e+04	-769.14	-1602.70	3.786e+05	-1.124e+04	-4.852e+04
3	37	143.25	-1.665e+04	-767.64	-1591.81	3.803e+05	-1.624e+04	-4.916e+04
3	37	145.88	-1.655e+04	-767.70	-1583.28	3.781e+05	-2.119e+04	-4.978e+04
3	37	148.50	-1.645e+04	-768.41	-1578.72	3.717e+05	-2.607e+04	-5.034e+04
3	37	151.12	-1.634e+04	-769.20	-1579.27	3.611e+05	-3.090e+04	-5.084e+04
3	37	153.75	-1.623e+04	-770.27	-1585.43	3.465e+05	-3.567e+04	-5.123e+04
3	37	156.38	-1.612e+04	-771.32	-1595.96	3.286e+05	-4.043e+04	-5.150e+04
3	37	170.00	-1.613e+04	-784.25	-1595.96	3.438e+05	-6.582e+04	-5.256e+04
3	37	173.50	-1.604e+04	-788.50	-1640.07	3.644e+05	-7.225e+04	-5.277e+04
3	37	177.00	-1.598e+04	-784.36	-1657.66	3.784e+05	-7.894e+04	-5.310e+04
3	37	180.50	-1.590e+04	-772.34	-1646.11	3.899e+05	-8.579e+04	-5.352e+04
3	37	184.00	-1.582e+04	-764.32	-1620.46	3.995e+05	-9.264e+04	-5.418e+04
3	37	187.50	-1.572e+04	-763.56	-1592.05	4.059e+05	-9.936e+04	-5.503e+04
3	37	191.00	-1.562e+04	-766.41	-1566.04	4.086e+05	-1.059e+05	-5.592e+04
3	37	194.50	-1.551e+04	-769.40	-1546.09	4.073e+05	-1.123e+05	-5.675e+04
3	37	198.00	-1.540e+04	-770.76	-1538.19	4.020e+05	-1.186e+05	-5.746e+04
3	37	201.50	-1.529e+04	-772.02	-1550.41	3.923e+05	-1.248e+05	-5.798e+04
3	37	205.00	-1.518e+04	-776.91	-1589.64	3.787e+05	-1.310e+05	-5.819e+04
3	37	208.50	-1.508e+04	-781.13	-1642.84	3.626e+05	-1.372e+05	-5.837e+04
3	37	212.50	-1.508e+04	-786.31	-1642.84	3.677e+05	-1.447e+05	-5.819e+04
3	37	216.88	-1.500e+04	-788.75	-1777.78	3.885e+05	-1.525e+05	-5.806e+04
3	37	221.25	-1.497e+04	-759.93	-1789.93	3.977e+05	-1.616e+05	-5.805e+04
3	37	225.62	-1.489e+04	-735.81	-1741.29	4.119e+05	-1.708e+05	-5.865e+04
3	37	230.00	-1.478e+04	-743.21	-1685.27	4.243e+05	-1.796e+05	-6.010e+04
3	37	234.38	-1.468e+04	-760.34	-1635.64	4.325e+05	-1.879e+05	-6.177e+04
3	37	238.75	-1.457e+04	-776.20	-1591.31	4.367e+05	-1.958e+05	-6.332e+04

3	37	243.12	-1.447e+04	-785.88	-1552.50	4.369e+05	-2.034e+05	-6.464e+04
3	37	247.50	-1.436e+04	-786.02	-1529.61	4.331e+05	-2.108e+05	-6.567e+04
3	37	251.88	-1.424e+04	-778.45	-1548.90	4.239e+05	-2.179e+05	-6.638e+04
3	37	255.00	-1.416e+04	-789.90	-1619.52	4.159e+05	-2.230e+05	-6.571e+04
3	37	256.25	-1.406e+04	-874.35	-1712.74	4.277e+05	-2.251e+05	-6.722e+04
3	37	260.25	-1.419e+04	-599.06	-2046.24	3.711e+05	-2.315e+05	-7.082e+04
3	37	260.62	-1.417e+04	-598.28	-2045.96	3.737e+05	-2.320e+05	-7.016e+04
3	37	265.50	-1.404e+04	-528.88	-1889.30	3.991e+05	-2.461e+05	-6.990e+04
3	37	270.75	-1.390e+04	-613.93	-1752.22	4.232e+05	-2.578e+05	-7.415e+04
3	37	276.00	-1.379e+04	-698.45	-1667.12	4.387e+05	-2.679e+05	-7.829e+04
3	37	281.25	-1.370e+04	-764.08	-1604.20	4.486e+05	-2.772e+05	-8.175e+04
3	37	286.50	-1.361e+04	-812.83	-1542.71	4.544e+05	-2.860e+05	-8.457e+04
3	37	291.75	-1.352e+04	-845.49	-1469.94	4.559e+05	-2.944e+05	-8.682e+04
3	37	297.00	-1.342e+04	-850.48	-1387.08	4.521e+05	-3.024e+05	-8.872e+04
3	37	297.50	-1.343e+04	-865.26	-1384.91	4.535e+05	-3.034e+05	-8.859e+04
3	37	302.25	-1.336e+04	-1734.42	96.88	4.211e+05	-3.217e+05	-8.666e+04
3	37	303.62	-1.340e+04	-1461.14	495.43	4.210e+05	-3.586e+05	-1.301e+05
3	37	307.50	-1.276e+04	-1657.62	653.51	5.013e+05	-3.508e+05	-1.545e+05
3	37	309.75	-1.287e+04	-1531.96	701.22	4.398e+05	-3.584e+05	-1.717e+05
3	37	312.75	-1.276e+04	-1718.71	628.94	4.793e+05	-3.588e+05	-1.920e+05
3	37	315.88	-1.276e+04	-1673.69	670.35	4.875e+05	-3.628e+05	-2.044e+05
3	37	322.00	-1.266e+04	-1539.50	703.10	5.119e+05	-3.703e+05	-2.233e+05
3	37	328.12	-1.257e+04	-1363.14	741.55	5.323e+05	-3.781e+05	-2.390e+05
3	37	334.25	-1.248e+04	-1165.41	807.34	5.490e+05	-3.859e+05	-2.527e+05
3	37	340.00	-1.238e+04	-957.06	920.94	5.600e+05	-3.928e+05	-2.639e+05
3	37	340.38	-1.188e+04	-1240.25	860.27	6.531e+05	-3.632e+05	-2.329e+05
3	37	346.50	-9034.29	-2179.12	-6.83	1.047e+06	-2.183e+05	6169.38
3	37	347.00	-9345.89	-2018.09	-48.78	9.977e+05	-2.356e+05	4646.92
3	37	352.62	-7888.28	-2061.59	221.37	1.005e+06	-2.195e+05	7.655e+04
3	37	354.00	-8399.31	-2489.07	536.32	9.771e+05	-2.450e+05	1.032e+05
3	37	358.75	-7950.51	-446.87	1758.35	8.568e+05	-1.936e+05	5.760e+04
3	37	361.00	-7680.78	-355.84	2344.55	7.739e+05	-1.703e+05	1.328e+05
3	37	364.88	-7899.07	532.07	3387.57	7.341e+05	-2.331e+05	1.199e+05
3	37	368.00	-7841.30	490.82	3347.69	6.653e+05	-2.370e+05	1.266e+05
3	37	375.00	-7711.77	360.75	3270.81	5.144e+05	-2.456e+05	1.357e+05
3	37	382.00	-7596.11	207.54	3180.49	3.659e+05	-2.541e+05	1.368e+05
3	37	389.00	-7502.25	22.08	3050.97	2.184e+05	-2.621e+05	1.276e+05
3	37	396.00	-7402.67	-185.40	2839.32	7.187e+04	-2.682e+05	1.009e+05
3	37	403.00	-6385.35	211.33	2423.27	-4.368e+04	-2.609e+05	3.274e+04
3	37	405.00	-6365.73	-901.27	2057.07	-8.016e+04	-3.038e+05	2.769e+04

M_S

N memb.

V memb.

V orto

M memb.

M orto

T

-2.812e+04
-6132.55

-3943.68
846.20

-3202.94
5369.57

-1.277e+05
1.650e+06

-6.145e+05
3.947e+05

-4.005e+05
2.176e+05

Macro	Tipo	Angolo 1-Z (gradi)
4	Setto	0.0

M_S

Cmb

Z

N memb.

V memb.

V orto

M memb.

M orto

T

cm

daN

daN

daN

daN cm

daN cm

daN cm

4	8	0.0	-2.695e+04	3625.99	1303.28	9.886e+05	-1.640e+05	1367.65
4	8	39.34	-2.695e+04	3625.99	1303.28	1.131e+06	-1.129e+05	9456.49
4	8	78.67	-2.611e+04	3625.99	1180.64	1.274e+06	-6.180e+04	1.491e+04
4	8	118.01	-2.527e+04	3625.99	1134.46	1.416e+06	-1.072e+04	1.759e+04
4	8	157.34	-2.444e+04	3625.98	1106.22	1.559e+06	4.036e+04	1.846e+04
4	8	196.68	-2.360e+04	3625.98	1092.03	1.702e+06	9.144e+04	1.765e+04
4	8	236.02	-2.276e+04	3625.97	1101.43	1.844e+06	1.425e+05	1.484e+04
4	8	275.35	-2.192e+04	3626.03	1021.00	1.987e+06	1.936e+05	1.347e+04
4	8	314.69	-2.189e+04	-3095.28	-1133.53	1.972e+06	2.447e+05	1.069e+05
4	8	327.34	-8554.71	-4762.21	3280.03	-9.401e+04	2.010e+04	-9.753e+04
4	8	329.34	-8543.04	-3589.86	-1732.21	-1.062e+05	4.850e+04	-1.880e+05
4	8	331.34	-8693.31	-3484.31	-1489.67	-1.332e+05	6.409e+04	-2.085e+05
4	8	333.34	-8640.98	-3547.02	-1360.30	-1.388e+05	7.848e+04	-2.223e+05
4	8	335.34	-8596.32	-3676.73	-1314.86	-1.475e+05	9.407e+04	-2.347e+05
4	8	337.34	-8560.31	-3811.47	-1298.07	-1.581e+05	1.102e+05	-2.461e+05
4	8	339.34	-8523.79	-3929.32	-1290.98	-1.703e+05	1.266e+05	-2.568e+05
4	8	340.00	-8532.84	-3962.76	-1284.30	-1.739e+05	1.323e+05	-2.603e+05
4	8	341.34	-3968.94	-1758.21	-96.69	5.025e+05	-4.096e+04	-1.072e+05
4	8	343.34	-3031.80	-1300.17	1734.68	5.511e+05	-6.524e+04	-7.507e+04
4	8	344.00	-4849.10	-2019.14	2364.31	3.790e+05	-1202.83	-1.154e+05
4	8	345.34	-3423.49	-452.74	2537.08	3.504e+05	-3.750e+04	-9.406e+04

4	8	347.34	-3671.61	360.90	724.20	3.965e+05	-3.089e+04	-8.783e+04
4	8	348.00	-3781.08	207.40	751.89	3.692e+05	-2.012e+04	-8.674e+04
4	8	352.00	-3615.63	173.14	843.82	3.139e+05	1857.98	-4.380e+04
4	8	356.00	-3501.18	92.88	914.63	2.549e+05	2.685e+04	-9466.86
4	8	360.00	-3382.37	51.71	972.94	1.995e+05	5.229e+04	2.182e+04
4	8	364.00	-3258.71	88.13	1024.09	1.486e+05	7.789e+04	5.166e+04
4	8	368.00	-3139.61	231.17	1063.54	1.017e+05	1.035e+05	8.125e+04
4	8	372.00	-3018.47	364.76	1064.56	5.768e+04	1.281e+05	1.118e+05
4	8	376.00	-2380.85	-258.85	887.22	1.565e+04	1.387e+05	1.323e+05
4	23	0.0	-1.871e+04	2973.28	789.63	5.962e+05	-9.969e+04	1074.00
4	23	39.34	-1.871e+04	2973.28	789.63	7.131e+05	-6.879e+04	7257.33
4	23	78.67	-1.807e+04	2973.28	715.86	8.301e+05	-3.789e+04	1.132e+04
4	23	118.01	-1.742e+04	2973.28	688.20	9.471e+05	-6984.53	1.318e+04
4	23	157.34	-1.677e+04	2973.27	671.47	1.064e+06	2.392e+04	1.354e+04
4	23	196.68	-1.613e+04	2973.27	663.38	1.181e+06	5.482e+04	1.243e+04
4	23	236.02	-1.548e+04	2973.27	670.01	1.298e+06	8.572e+04	9487.56
4	23	275.35	-1.484e+04	2973.31	626.74	1.415e+06	1.166e+05	6131.10
4	23	314.69	-1.495e+04	-2256.24	-625.04	1.425e+06	1.475e+05	5.436e+04
4	23	327.34	-5317.96	-3504.57	2055.98	-6.207e+04	1.830e+04	-6.983e+04
4	23	329.34	-5312.24	-2734.91	-1082.58	-7.118e+04	3.589e+04	-1.256e+05
4	23	331.34	-5400.93	-2663.33	-930.14	-8.888e+04	4.548e+04	-1.376e+05
4	23	333.34	-5359.51	-2700.31	-848.33	-9.281e+04	5.431e+04	-1.454e+05
4	23	335.34	-5322.38	-2780.12	-819.04	-9.879e+04	6.390e+04	-1.523e+05
4	23	337.34	-5290.86	-2862.22	-807.73	-1.062e+05	7.384e+04	-1.585e+05
4	23	339.34	-5258.90	-2931.56	-802.84	-1.149e+05	8.392e+04	-1.643e+05
4	23	340.00	-5262.08	-2950.66	-799.01	-1.175e+05	8.740e+04	-1.661e+05
4	23	341.34	-2468.62	-1524.50	-55.73	2.936e+05	-2.116e+04	-6.967e+04
4	23	343.34	-1850.91	-1197.98	1084.51	3.233e+05	-3.654e+04	-4.852e+04
4	23	344.00	-2956.42	-1665.53	1470.01	2.208e+05	3275.38	-7.314e+04
4	23	345.34	-2045.16	-492.30	1559.54	2.049e+05	-1.933e+04	-5.930e+04
4	23	347.34	-2265.04	237.34	377.35	2.419e+05	-1.602e+04	-5.465e+04
4	23	348.00	-2337.66	135.46	394.52	2.242e+05	-9341.97	-5.391e+04
4	23	352.00	-2229.42	115.45	450.70	1.897e+05	4001.41	-2.668e+04
4	23	356.00	-2153.68	65.50	493.47	1.528e+05	1.923e+04	-4869.53
4	23	360.00	-2073.48	43.61	528.27	1.186e+05	3.473e+04	1.501e+04
4	23	364.00	-1988.12	77.48	558.62	8.747e+04	5.032e+04	3.394e+04
4	23	368.00	-1904.00	188.42	582.37	5.941e+04	6.594e+04	5.265e+04
4	23	372.00	-1819.65	291.36	584.95	3.339e+04	8.085e+04	7.172e+04
4	23	376.00	-1426.64	-142.43	487.60	8385.49	8.702e+04	8.384e+04
4	32	0.0	-2.023e+04	2759.46	959.75	7.306e+05	-1.208e+05	1040.21
4	32	39.34	-2.023e+04	2759.47	959.75	8.391e+05	-8.317e+04	7170.11
4	32	78.67	-1.959e+04	2759.47	869.51	9.477e+05	-4.556e+04	1.129e+04
4	32	118.01	-1.894e+04	2759.46	835.54	1.056e+06	-7949.89	1.330e+04
4	32	157.34	-1.830e+04	2759.46	814.80	1.165e+06	2.966e+04	1.392e+04
4	32	196.68	-1.765e+04	2759.46	804.42	1.273e+06	6.727e+04	1.323e+04
4	32	236.02	-1.701e+04	2759.45	811.46	1.382e+06	1.049e+05	1.100e+04
4	32	275.35	-1.636e+04	2759.49	752.93	1.490e+06	1.425e+05	9668.59
4	32	314.69	-1.635e+04	-2336.65	-827.31	1.481e+06	1.801e+05	7.741e+04
4	32	327.34	-6324.54	-3592.35	2425.23	-6.960e+04	1.554e+04	-7.324e+04
4	32	329.34	-6315.75	-2720.91	-1279.44	-7.873e+04	3.651e+04	-1.400e+05
4	32	331.34	-6425.60	-2642.16	-1100.08	-9.877e+04	4.801e+04	-1.551e+05
4	32	333.34	-6385.32	-2688.14	-1004.35	-1.029e+05	5.863e+04	-1.651e+05
4	32	335.34	-6350.61	-2783.77	-970.66	-1.094e+05	7.013e+04	-1.742e+05
4	32	337.34	-6322.27	-2883.01	-958.13	-1.173e+05	8.205e+04	-1.825e+05
4	32	339.34	-6293.50	-2969.49	-952.83	-1.265e+05	9.414e+04	-1.903e+05
4	32	340.00	-6299.67	-2993.99	-947.93	-1.292e+05	9.831e+04	-1.928e+05
4	32	341.34	-2935.94	-1358.23	-70.21	3.688e+05	-2.973e+04	-7.962e+04
4	32	343.34	-2238.52	-1014.54	1282.57	4.046e+05	-4.770e+04	-5.574e+04
4	32	344.00	-3576.15	-1548.27	1746.83	2.781e+05	-403.37	-8.546e+04
4	32	345.34	-2520.05	-364.28	1872.20	2.573e+05	-2.722e+04	-6.964e+04
4	32	347.34	-2711.56	268.07	526.08	2.923e+05	-2.243e+04	-6.494e+04
4	32	348.00	-2793.09	153.78	546.52	2.721e+05	-1.448e+04	-6.413e+04
4	32	352.00	-2670.07	128.71	614.30	2.312e+05	1715.14	-3.233e+04
4	32	356.00	-2584.82	69.44	666.42	1.876e+05	2.014e+04	-6910.61
4	32	360.00	-2496.09	39.52	709.29	1.467e+05	3.889e+04	1.626e+04
4	32	364.00	-2403.45	67.87	746.85	1.091e+05	5.777e+04	3.835e+04
4	32	368.00	-2313.92	176.32	775.86	7.466e+04	7.668e+04	6.026e+04
4	32	372.00	-2222.92	277.50	776.80	4.229e+04	9.478e+04	8.284e+04
4	32	376.00	-1751.99	-189.16	647.35	1.139e+04	1.025e+05	9.788e+04
4	35	0.0	-1.890e+04	2854.08	823.00	6.262e+05	-1.038e+05	1048.22
4	35	39.34	-1.890e+04	2854.09	823.00	7.385e+05	-7.157e+04	7121.48
4	35	78.67	-1.826e+04	2854.09	745.95	8.507e+05	-3.935e+04	1.114e+04
4	35	118.01	-1.761e+04	2854.08	717.03	9.630e+05	-7126.50	1.301e+04
4	35	157.34	-1.697e+04	2854.08	699.48	1.075e+06	2.510e+04	1.343e+04
4	35	196.68	-1.632e+04	2854.08	690.90	1.188e+06	5.732e+04	1.246e+04
4	35	236.02	-1.568e+04	2854.07	697.54	1.300e+06	8.954e+04	9757.60
4	35	275.35	-1.503e+04	2854.11	650.80	1.412e+06	1.218e+05	7007.40

4	35	314.69	-1.509e+04	-2249.70	-670.57	1.416e+06	1.540e+05	5.980e+04
4	35	327.34	-5512.38	-3476.60	2123.65	-6.278e+04	1.718e+04	-6.962e+04
4	35	329.34	-5505.52	-2691.43	-1117.84	-7.170e+04	3.541e+04	-1.275e+05
4	35	331.34	-5597.96	-2619.03	-960.54	-8.969e+04	4.536e+04	-1.401e+05
4	35	333.34	-5557.01	-2657.77	-876.27	-9.358e+04	5.454e+04	-1.484e+05
4	35	335.34	-5520.58	-2740.52	-846.26	-9.957e+04	6.450e+04	-1.558e+05
4	35	337.34	-5489.83	-2825.90	-834.80	-1.070e+05	7.482e+04	-1.625e+05
4	35	339.34	-5458.60	-2898.72	-829.87	-1.157e+05	8.528e+04	-1.687e+05
4	35	340.00	-5462.34	-2919.00	-825.80	-1.183e+05	8.889e+04	-1.707e+05
4	35	341.34	-2560.52	-1458.58	-58.07	3.094e+05	-2.321e+04	-7.129e+04
4	35	343.34	-1930.36	-1132.70	1121.45	3.402e+05	-3.903e+04	-4.975e+04
4	35	344.00	-3079.55	-1610.73	1522.15	2.329e+05	2173.87	-7.537e+04
4	35	345.34	-2143.70	-452.26	1620.11	2.160e+05	-2.121e+04	-6.121e+04
4	35	347.34	-2352.03	241.67	412.55	2.518e+05	-1.755e+04	-5.663e+04
4	35	348.00	-2425.98	137.98	430.33	2.338e+05	-1.063e+04	-5.588e+04
4	35	352.00	-2315.34	116.99	488.76	1.980e+05	3280.59	-2.785e+04
4	35	356.00	-2238.11	65.33	533.37	1.599e+05	1.914e+04	-5402.95
4	35	360.00	-2156.72	41.62	569.79	1.243e+05	3.528e+04	1.505e+04
4	35	364.00	-2070.54	73.43	601.59	9.197e+04	5.152e+04	3.455e+04
4	35	368.00	-1986.03	181.85	626.35	6.261e+04	6.778e+04	5.383e+04
4	35	372.00	-1900.85	282.57	628.36	3.528e+04	8.333e+04	7.356e+04
4	35	376.00	-1492.55	-153.24	523.68	9066.90	8.984e+04	8.629e+04
4	37	0.0	-1.863e+04	2601.51	830.29	6.435e+05	-1.046e+05	987.14
4	37	39.34	-1.863e+04	2601.51	830.29	7.458e+05	-7.206e+04	6747.95
4	37	78.67	-1.798e+04	2601.51	752.40	8.481e+05	-3.954e+04	1.058e+04
4	37	118.01	-1.734e+04	2601.51	723.13	9.504e+05	-7018.51	1.241e+04
4	37	157.34	-1.669e+04	2601.51	705.31	1.053e+06	2.550e+04	1.289e+04
4	37	196.68	-1.605e+04	2601.50	696.52	1.155e+06	5.802e+04	1.209e+04
4	37	236.02	-1.540e+04	2601.50	702.97	1.257e+06	9.055e+04	9737.48
4	37	275.35	-1.476e+04	2601.54	654.07	1.359e+06	1.231e+05	7726.34
4	37	314.69	-1.474e+04	-2182.87	-697.50	1.356e+06	1.556e+05	6.364e+04
4	37	327.34	-5546.73	-3338.06	2124.74	-6.071e+04	1.525e+04	-6.705e+04
4	37	329.34	-5538.04	-2562.51	-1115.88	-6.900e+04	3.354e+04	-1.252e+05
4	37	331.34	-5630.13	-2491.64	-958.74	-8.656e+04	4.356e+04	-1.381e+05
4	37	333.34	-5590.00	-2530.76	-874.73	-9.021e+04	5.279e+04	-1.466e+05
4	37	335.34	-5554.40	-2613.69	-844.96	-9.595e+04	6.281e+04	-1.543e+05
4	37	337.34	-5524.27	-2699.53	-833.72	-1.032e+05	7.319e+04	-1.613e+05
4	37	339.34	-5493.52	-2773.50	-828.89	-1.116e+05	8.372e+04	-1.679e+05
4	37	340.00	-5497.29	-2794.38	-824.69	-1.141e+05	8.735e+04	-1.700e+05
4	37	341.34	-2581.62	-1346.45	-57.13	3.160e+05	-2.470e+04	-7.071e+04
4	37	343.34	-1958.01	-1032.43	1124.05	3.468e+05	-4.046e+04	-4.949e+04
4	37	344.00	-3111.46	-1505.48	1527.36	2.381e+05	833.15	-7.530e+04
4	37	345.34	-2181.41	-399.67	1631.21	2.209e+05	-2.258e+04	-6.131e+04
4	37	347.34	-2369.62	237.67	437.73	2.542e+05	-1.866e+04	-5.697e+04
4	37	348.00	-2442.66	135.41	455.55	2.362e+05	-1.172e+04	-5.623e+04
4	37	352.00	-2332.96	114.22	514.36	2.003e+05	2334.57	-2.828e+04
4	37	356.00	-2256.50	62.54	559.41	1.621e+05	1.834e+04	-5905.65
4	37	360.00	-2176.23	37.71	596.29	1.264e+05	3.463e+04	1.448e+04
4	37	364.00	-2091.64	66.19	628.52	9.370e+04	5.102e+04	3.393e+04
4	37	368.00	-2009.00	168.09	653.42	6.392e+04	6.744e+04	5.318e+04
4	37	372.00	-1925.05	262.84	654.60	3.610e+04	8.314e+04	7.296e+04
4	37	376.00	-1513.31	-160.46	545.31	9490.13	8.980e+04	8.595e+04

M_S		N memb.	V memb.	V orto	M memb.	M orto	T
		-2.695e+04	-4762.21	-1732.21	-1.739e+05	-1.640e+05	-2.603e+05
		-1426.64	3626.03	3280.03	1.987e+06	2.447e+05	1.323e+05

Macro	Tipo	Angolo 1-Z (gradi)
5	Setto	0.0

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
5	7	0.0	-3.530e+04	-4510.04	2337.93	-1.363e+06	-2.896e+05	-1235.77
5	7	32.00	-3.529e+04	-4477.31	2337.93	-1.513e+06	-2.140e+05	-6099.85
5	7	33.00	-3.516e+04	-4469.86	2065.16	-1.543e+06	-2.119e+05	-6198.99
5	7	34.00	-3.505e+04	-4478.48	2067.51	-1.564e+06	-2.096e+05	-6550.21
5	7	35.00	-3.492e+04	-4479.43	2097.85	-1.578e+06	-2.073e+05	-6798.40
5	7	36.00	-3.480e+04	-4479.11	2131.20	-1.586e+06	-2.049e+05	-6815.43
5	7	37.00	-3.466e+04	-4481.22	2162.72	-1.587e+06	-2.025e+05	-6610.78
5	7	38.00	-3.452e+04	-4487.70	2188.15	-1.579e+06	-1.999e+05	-6252.09
5	7	39.00	-3.438e+04	-4496.29	2183.53	-1.563e+06	-1.973e+05	-5980.99

5	7	40.00	-3.420e+04	-4506.22	1952.25	-1.533e+06	-1.952e+05	-5953.13
5	7	64.00	-3.420e+04	-4501.41	1952.25	-1.647e+06	-1.385e+05	-7934.67
5	7	66.00	-3.408e+04	-4506.43	1861.62	-1.680e+06	-1.339e+05	-7900.91
5	7	68.00	-3.396e+04	-4505.22	1849.51	-1.706e+06	-1.294e+05	-7766.68
5	7	70.00	-3.384e+04	-4503.27	1861.77	-1.725e+06	-1.247e+05	-7530.36
5	7	72.00	-3.371e+04	-4499.93	1878.47	-1.737e+06	-1.199e+05	-7220.17
5	7	74.00	-3.357e+04	-4497.95	1894.56	-1.742e+06	-1.151e+05	-6887.44
5	7	76.00	-3.343e+04	-4499.56	1903.79	-1.738e+06	-1.102e+05	-6617.57
5	7	78.00	-3.326e+04	-4506.18	1886.06	-1.723e+06	-1.054e+05	-6464.75
5	7	80.00	-3.311e+04	-4498.16	1813.63	-1.702e+06	-1.007e+05	-6440.87
5	7	96.00	-3.311e+04	-4509.64	1813.63	-1.781e+06	-6.298e+04	-5952.94
5	7	99.00	-3.299e+04	-4513.50	1784.39	-1.819e+06	-5.602e+04	-5752.01
5	7	102.00	-3.288e+04	-4516.02	1775.64	-1.849e+06	-4.901e+04	-5413.03
5	7	105.00	-3.276e+04	-4513.46	1773.71	-1.873e+06	-4.191e+04	-4915.23
5	7	108.00	-3.263e+04	-4507.66	1773.75	-1.889e+06	-3.476e+04	-4279.84
5	7	111.00	-3.249e+04	-4501.26	1775.18	-1.898e+06	-2.760e+04	-3594.81
5	7	114.00	-3.234e+04	-4495.72	1774.33	-1.898e+06	-2.046e+04	-2962.32
5	7	117.00	-3.217e+04	-4490.87	1763.03	-1.888e+06	-1.337e+04	-2410.96
5	7	120.00	-3.201e+04	-4490.23	1736.06	-1.872e+06	-6361.32	-1976.04
5	7	128.00	-3.201e+04	-4506.81	1736.06	-1.913e+06	1.245e+04	-842.37
5	7	132.00	-3.190e+04	-4514.96	1749.33	-1.957e+06	2.181e+04	-212.22
5	7	136.00	-3.179e+04	-4522.36	1748.26	-1.992e+06	3.132e+04	610.05
5	7	140.00	-3.168e+04	-4520.88	1731.86	-2.020e+06	4.091e+04	1693.94
5	7	144.00	-3.155e+04	-4514.60	1715.38	-2.041e+06	5.045e+04	3028.94
5	7	148.00	-3.141e+04	-4505.03	1703.72	-2.055e+06	5.989e+04	4438.87
5	7	152.00	-3.125e+04	-4491.29	1696.37	-2.059e+06	6.924e+04	5778.53
5	7	156.00	-3.108e+04	-4478.89	1693.87	-2.054e+06	7.853e+04	6995.58
5	7	160.00	-3.090e+04	-4486.04	1694.45	-2.040e+06	8.780e+04	8069.15
5	7	165.00	-3.078e+04	-4505.99	1759.34	-2.091e+06	9.955e+04	9388.72
5	7	170.00	-3.069e+04	-4521.86	1759.51	-2.132e+06	1.117e+05	1.108e+04
5	7	175.00	-3.059e+04	-4523.65	1721.55	-2.165e+06	1.239e+05	1.337e+04
5	7	180.00	-3.047e+04	-4523.54	1687.85	-2.192e+06	1.357e+05	1.606e+04
5	7	185.00	-3.033e+04	-4516.70	1664.21	-2.212e+06	1.473e+05	1.878e+04
5	7	190.00	-3.017e+04	-4495.50	1650.99	-2.222e+06	1.587e+05	2.131e+04
5	7	192.00	-3.011e+04	-4487.25	1653.52	-2.225e+06	1.633e+05	2.225e+04
5	7	195.00	-2.991e+04	-4461.37	1737.83	-2.232e+06	1.700e+05	2.355e+04
5	7	198.00	-2.973e+04	-4467.02	1836.74	-2.241e+06	1.772e+05	2.482e+04
5	7	200.00	-2.960e+04	-4485.34	1839.97	-2.238e+06	1.820e+05	2.587e+04
5	7	204.00	-2.957e+04	-4498.41	1821.90	-2.266e+06	1.923e+05	2.820e+04
5	7	210.00	-2.947e+04	-4511.83	1749.53	-2.307e+06	2.071e+05	3.299e+04
5	7	216.00	-2.935e+04	-4535.50	1699.41	-2.342e+06	2.210e+05	3.816e+04
5	7	222.00	-2.923e+04	-4546.23	1665.01	-2.369e+06	2.345e+05	4.312e+04
5	7	224.00	-2.919e+04	-4552.21	1657.65	-2.376e+06	2.390e+05	4.467e+04
5	7	228.00	-2.901e+04	-4519.49	1869.91	-2.400e+06	2.476e+05	4.772e+04
5	7	231.00	-2.887e+04	-4512.94	2046.53	-2.423e+06	2.556e+05	4.983e+04
5	7	234.00	-2.868e+04	-4442.84	1987.30	-2.422e+06	2.631e+05	5.287e+04
5	7	238.00	-2.852e+04	-4374.86	1954.15	-2.413e+06	2.739e+05	5.799e+04
5	7	240.00	-2.836e+04	-4400.47	1950.03	-2.401e+06	2.786e+05	6.061e+04
5	7	245.00	-2.828e+04	-4453.86	1871.81	-2.440e+06	2.905e+05	6.802e+04
5	7	252.00	-2.817e+04	-4541.07	1812.35	-2.487e+06	3.060e+05	7.770e+04
5	7	256.00	-2.812e+04	-4584.17	1787.57	-2.509e+06	3.147e+05	8.284e+04
5	7	259.00	-2.806e+04	-4648.63	2149.95	-2.528e+06	3.197e+05	8.857e+04
5	7	264.00	-2.790e+04	-4263.69	2757.33	-2.564e+06	3.388e+05	9.901e+04
5	7	266.00	-2.778e+04	-4268.27	2650.50	-2.582e+06	3.446e+05	1.033e+05
5	7	272.00	-2.772e+04	-4118.59	2362.59	-2.588e+06	3.596e+05	1.222e+05
5	7	273.00	-2.764e+04	-4063.03	2345.26	-2.587e+06	3.616e+05	1.245e+05
5	7	280.00	-2.696e+04	-4032.96	2422.91	-2.523e+06	3.751e+05	1.412e+05
5	7	288.00	-2.689e+04	-4306.02	2357.78	-2.589e+06	3.913e+05	1.577e+05
5	7	296.00	-2.588e+04	-3791.39	-3566.77	-2.825e+06	3.589e+05	2.237e+05
5	7	297.00	-2.535e+04	-2836.33	-4310.13	-2.930e+06	3.839e+05	2.880e+05
5	7	304.00	-2.351e+04	-3371.90	-4851.21	-3.248e+06	3.986e+05	3.623e+05
5	7	306.00	-2.414e+04	-3775.40	-4991.08	-3.206e+06	3.986e+05	3.768e+05
5	7	312.00	-2.351e+04	-4208.12	-4824.36	-3.194e+06	4.002e+05	4.016e+05
5	7	315.00	-2.439e+04	-4973.11	-4414.55	-3.343e+06	3.971e+05	4.079e+05
5	7	320.00	-2.169e+04	-3066.67	-3572.34	-2.785e+06	3.900e+05	4.011e+05
5	7	324.00	-2.059e+04	-5140.73	-1207.60	-2.835e+06	2.083e+05	8.437e+04
5	7	325.00	-1.972e+04	-4645.77	-591.69	-2.977e+06	2.521e+05	1.130e+05
5	7	330.00	-1.888e+04	-5983.24	480.40	-2.942e+06	2.350e+05	2.935e+04
5	7	333.00	-1.879e+04	-6442.62	888.72	-2.838e+06	2.358e+05	-2400.78
5	7	335.00	-1.876e+04	-6820.91	1203.35	-2.761e+06	2.357e+05	-1.811e+04
5	7	340.00	-1.831e+04	-7505.23	1363.97	-2.646e+06	2.371e+05	-4.697e+04
5	7	342.00	-1.830e+04	-7816.54	1457.59	-2.575e+06	2.383e+05	-5.715e+04
5	7	345.00	-1.823e+04	-8434.94	1666.40	-2.471e+06	2.392e+05	-6.912e+04
5	7	350.00	-1.784e+04	-8721.20	1835.14	-2.307e+06	2.419e+05	-8.741e+04
5	7	351.00	-1.783e+04	-8744.04	1859.50	-2.260e+06	2.429e+05	-9.144e+04
5	7	355.00	-1.800e+04	-1.025e+04	1997.44	-2.138e+06	2.439e+05	-9.477e+04
5	7	360.00	-2.276e+04	-6453.42	2124.20	-2.414e+06	2.697e+05	-1.229e+05

5	7	365.00	-2.127e+04	-3313.30	1197.87	-1.945e+06	2.509e+05	-1.167e+05
5	7	370.00	-1.980e+04	-1170.09	511.97	-1.590e+06	2.348e+05	-1.150e+05
5	7	375.00	-1.915e+04	-964.44	-605.00	-1.260e+06	2.224e+05	-1.207e+05
5	7	380.00	-1.820e+04	-1158.39	-1180.10	-1.031e+06	2.110e+05	-1.294e+05
5	7	385.00	-1.889e+04	-4252.57	-2344.43	-7.707e+05	2.023e+05	-1.455e+05
5	7	390.00	-2.030e+04	-7760.84	-1652.75	-5.231e+05	1.937e+05	-1.552e+05
5	7	395.00	-2.475e+04	-1.505e+04	-2635.02	-2.077e+05	1.761e+05	-1.746e+05
5	8	0.0	-3.576e+04	-4614.79	2266.60	-1.350e+06	-2.817e+05	-1198.98
5	8	32.00	-3.575e+04	-4581.73	2266.60	-1.504e+06	-2.083e+05	-5857.56
5	8	33.00	-3.562e+04	-4574.22	1997.48	-1.534e+06	-2.063e+05	-5952.55
5	8	34.00	-3.551e+04	-4583.08	2000.22	-1.554e+06	-2.040e+05	-6297.95
5	8	35.00	-3.539e+04	-4584.08	2030.57	-1.569e+06	-2.018e+05	-6538.37
5	8	36.00	-3.526e+04	-4583.76	2063.85	-1.577e+06	-1.995e+05	-6548.12
5	8	37.00	-3.512e+04	-4585.91	2095.23	-1.578e+06	-1.971e+05	-6337.42
5	8	38.00	-3.499e+04	-4592.47	2120.50	-1.570e+06	-1.946e+05	-5973.90
5	8	39.00	-3.485e+04	-4601.20	2116.08	-1.555e+06	-1.921e+05	-5696.74
5	8	40.00	-3.467e+04	-4610.93	1887.12	-1.524e+06	-1.900e+05	-5668.06
5	8	64.00	-3.466e+04	-4606.01	1887.12	-1.641e+06	-1.349e+05	-7567.57
5	8	66.00	-3.455e+04	-4611.18	1797.25	-1.674e+06	-1.305e+05	-7529.31
5	8	68.00	-3.442e+04	-4609.97	1785.45	-1.701e+06	-1.261e+05	-7390.81
5	8	70.00	-3.430e+04	-4608.02	1797.72	-1.720e+06	-1.215e+05	-7152.08
5	8	72.00	-3.417e+04	-4604.66	1814.38	-1.732e+06	-1.169e+05	-6840.79
5	8	74.00	-3.404e+04	-4602.66	1830.42	-1.737e+06	-1.122e+05	-6508.11
5	8	76.00	-3.389e+04	-4604.25	1839.68	-1.733e+06	-1.075e+05	-6238.98
5	8	78.00	-3.373e+04	-4610.85	1822.25	-1.719e+06	-1.028e+05	-6088.03
5	8	80.00	-3.357e+04	-4602.76	1750.37	-1.698e+06	-9.825e+04	-6065.18
5	8	96.00	-3.357e+04	-4614.32	1750.37	-1.778e+06	-6.159e+04	-5585.32
5	8	99.00	-3.346e+04	-4618.27	1721.20	-1.816e+06	-5.483e+04	-5387.78
5	8	102.00	-3.334e+04	-4620.86	1712.46	-1.847e+06	-4.802e+04	-5054.54
5	8	105.00	-3.322e+04	-4618.30	1710.47	-1.871e+06	-4.113e+04	-4564.77
5	8	108.00	-3.309e+04	-4612.44	1710.49	-1.888e+06	-3.419e+04	-3939.42
5	8	111.00	-3.295e+04	-4605.97	1711.97	-1.897e+06	-2.723e+04	-3266.32
5	8	114.00	-3.280e+04	-4600.31	1711.26	-1.897e+06	-2.029e+04	-2647.28
5	8	117.00	-3.263e+04	-4595.34	1700.23	-1.888e+06	-1.340e+04	-2110.69
5	8	120.00	-3.247e+04	-4594.71	1673.65	-1.871e+06	-6595.19	-1689.83
5	8	128.00	-3.247e+04	-4611.46	1673.65	-1.913e+06	1.168e+04	-593.13
5	8	132.00	-3.236e+04	-4619.74	1686.50	-1.958e+06	2.077e+04	16.67
5	8	136.00	-3.225e+04	-4627.24	1685.13	-1.993e+06	3.001e+04	814.11
5	8	140.00	-3.214e+04	-4625.77	1668.57	-2.022e+06	3.933e+04	1870.22
5	8	144.00	-3.202e+04	-4619.45	1652.10	-2.044e+06	4.859e+04	3174.40
5	8	148.00	-3.187e+04	-4609.78	1640.57	-2.057e+06	5.776e+04	4550.43
5	8	152.00	-3.171e+04	-4595.83	1633.45	-2.063e+06	6.684e+04	5853.75
5	8	156.00	-3.154e+04	-4583.20	1631.27	-2.057e+06	7.586e+04	7033.06
5	8	160.00	-3.136e+04	-4590.45	1632.24	-2.044e+06	8.486e+04	8069.30
5	8	165.00	-3.125e+04	-4610.66	1696.18	-2.096e+06	9.628e+04	9340.32
5	8	170.00	-3.115e+04	-4626.67	1695.71	-2.137e+06	1.081e+05	1.098e+04
5	8	175.00	-3.105e+04	-4628.53	1657.53	-2.171e+06	1.199e+05	1.321e+04
5	8	180.00	-3.093e+04	-4628.50	1623.89	-2.198e+06	1.314e+05	1.584e+04
5	8	185.00	-3.079e+04	-4621.63	1600.46	-2.218e+06	1.427e+05	1.848e+04
5	8	190.00	-3.063e+04	-4600.13	1587.57	-2.229e+06	1.538e+05	2.093e+04
5	8	192.00	-3.057e+04	-4591.77	1590.26	-2.232e+06	1.582e+05	2.185e+04
5	8	195.00	-3.038e+04	-4565.46	1673.97	-2.240e+06	1.647e+05	2.310e+04
5	8	198.00	-3.019e+04	-4571.12	1772.30	-2.249e+06	1.717e+05	2.433e+04
5	8	200.00	-3.006e+04	-4589.67	1775.36	-2.246e+06	1.764e+05	2.535e+04
5	8	204.00	-3.003e+04	-4602.79	1756.58	-2.274e+06	1.864e+05	2.760e+04
5	8	210.00	-2.993e+04	-4616.51	1684.01	-2.316e+06	2.007e+05	3.228e+04
5	8	216.00	-2.982e+04	-4640.60	1634.07	-2.352e+06	2.143e+05	3.733e+04
5	8	222.00	-2.969e+04	-4651.59	1599.99	-2.379e+06	2.274e+05	4.217e+04
5	8	224.00	-2.965e+04	-4657.71	1592.78	-2.387e+06	2.317e+05	4.368e+04
5	8	228.00	-2.948e+04	-4624.47	1803.67	-2.411e+06	2.401e+05	4.663e+04
5	8	231.00	-2.933e+04	-4617.75	1979.30	-2.434e+06	2.478e+05	4.867e+04
5	8	234.00	-2.914e+04	-4546.40	1919.67	-2.434e+06	2.552e+05	5.164e+04
5	8	238.00	-2.898e+04	-4477.52	1885.92	-2.425e+06	2.657e+05	5.666e+04
5	8	240.00	-2.882e+04	-4503.50	1881.96	-2.413e+06	2.703e+05	5.922e+04
5	8	245.00	-2.874e+04	-4557.64	1803.79	-2.453e+06	2.818e+05	6.650e+04
5	8	252.00	-2.864e+04	-4646.09	1744.69	-2.500e+06	2.969e+05	7.597e+04
5	8	256.00	-2.858e+04	-4689.85	1720.13	-2.523e+06	3.052e+05	8.099e+04
5	8	259.00	-2.852e+04	-4754.83	2080.51	-2.542e+06	3.100e+05	8.664e+04
5	8	264.00	-2.837e+04	-4365.14	2684.68	-2.578e+06	3.289e+05	9.691e+04
5	8	266.00	-2.824e+04	-4370.06	2577.65	-2.597e+06	3.345e+05	1.012e+05
5	8	272.00	-2.819e+04	-4219.15	2289.28	-2.603e+06	3.491e+05	1.198e+05
5	8	273.00	-2.810e+04	-4162.35	2272.13	-2.602e+06	3.510e+05	1.221e+05
5	8	280.00	-2.742e+04	-4130.45	2350.43	-2.538e+06	3.640e+05	1.385e+05
5	8	288.00	-2.735e+04	-4407.03	2285.81	-2.605e+06	3.797e+05	1.547e+05
5	8	296.00	-2.634e+04	-3904.57	-3672.91	-2.843e+06	3.466e+05	2.204e+05
5	8	297.00	-2.580e+04	-2944.66	-4420.50	-2.948e+06	3.715e+05	2.847e+05
5	8	304.00	-2.396e+04	-3482.93	-4950.81	-3.268e+06	3.858e+05	3.588e+05

5	8	306.00	-2.460e+04	-3889.57	-5087.78	-3.227e+06	3.856e+05	3.733e+05
5	8	312.00	-2.395e+04	-4317.21	-4911.80	-3.214e+06	3.868e+05	3.978e+05
5	8	315.00	-2.485e+04	-5099.46	-4499.63	-3.367e+06	3.834e+05	4.040e+05
5	8	320.00	-2.210e+04	-3134.72	-3655.42	-2.799e+06	3.760e+05	3.970e+05
5	8	324.00	-2.095e+04	-5225.77	-1266.33	-2.855e+06	1.953e+05	8.003e+04
5	8	325.00	-2.007e+04	-4732.39	-644.64	-2.999e+06	2.396e+05	1.089e+05
5	8	330.00	-1.921e+04	-6085.69	443.54	-2.965e+06	2.239e+05	2.571e+04
5	8	333.00	-1.911e+04	-6550.85	854.27	-2.862e+06	2.255e+05	-5754.36
5	8	335.00	-1.907e+04	-6933.16	1170.08	-2.785e+06	2.259e+05	-2.127e+04
5	8	340.00	-1.861e+04	-7626.57	1336.12	-2.669e+06	2.283e+05	-4.969e+04
5	8	342.00	-1.859e+04	-7939.58	1430.02	-2.598e+06	2.299e+05	-5.970e+04
5	8	345.00	-1.852e+04	-8567.64	1639.43	-2.494e+06	2.314e+05	-7.142e+04
5	8	350.00	-1.811e+04	-8844.44	1812.79	-2.329e+06	2.349e+05	-8.931e+04
5	8	351.00	-1.809e+04	-8861.31	1837.55	-2.282e+06	2.361e+05	-9.326e+04
5	8	355.00	-1.828e+04	-1.041e+04	1974.20	-2.162e+06	2.378e+05	-9.630e+04
5	8	360.00	-2.304e+04	-6432.43	2102.37	-2.436e+06	2.644e+05	-1.240e+05
5	8	365.00	-2.155e+04	-3248.20	1178.60	-1.967e+06	2.463e+05	-1.176e+05
5	8	370.00	-2.008e+04	-1074.10	496.95	-1.610e+06	2.310e+05	-1.156e+05
5	8	375.00	-1.940e+04	-837.48	-615.03	-1.278e+06	2.193e+05	-1.209e+05
5	8	380.00	-1.845e+04	-1042.31	-1186.26	-1.044e+06	2.085e+05	-1.294e+05
5	8	385.00	-1.911e+04	-4143.45	-2345.79	-7.809e+05	2.003e+05	-1.452e+05
5	8	390.00	-2.054e+04	-7728.87	-1656.46	-5.283e+05	1.922e+05	-1.548e+05
5	8	395.00	-2.498e+04	-1.512e+04	-2631.39	-2.098e+05	1.750e+05	-1.741e+05
5	9	0.0	-2.407e+04	-3292.60	1279.14	-7.209e+05	-1.600e+05	-749.52
5	9	32.00	-2.406e+04	-3268.86	1279.14	-8.303e+05	-1.184e+05	-3647.33
5	9	33.00	-2.396e+04	-3263.37	1120.44	-8.531e+05	-1.173e+05	-3710.10
5	9	34.00	-2.387e+04	-3270.13	1122.52	-8.686e+05	-1.160e+05	-3922.97
5	9	35.00	-2.378e+04	-3271.20	1140.82	-8.800e+05	-1.147e+05	-4070.41
5	9	36.00	-2.368e+04	-3271.29	1160.73	-8.859e+05	-1.134e+05	-4079.56
5	9	37.00	-2.357e+04	-3272.95	1179.36	-8.859e+05	-1.120e+05	-3957.64
5	9	38.00	-2.347e+04	-3277.50	1194.27	-8.797e+05	-1.106e+05	-3745.40
5	9	39.00	-2.336e+04	-3283.64	1191.89	-8.674e+05	-1.092e+05	-3582.62
5	9	40.00	-2.323e+04	-3289.98	1058.63	-8.446e+05	-1.080e+05	-3572.06
5	9	64.00	-2.322e+04	-3286.02	1058.63	-9.277e+05	-7.680e+04	-4788.37
5	9	66.00	-2.313e+04	-3289.91	1005.04	-9.523e+05	-7.432e+04	-4773.46
5	9	68.00	-2.304e+04	-3289.12	998.21	-9.725e+05	-7.180e+04	-4697.99
5	9	70.00	-2.294e+04	-3288.08	1005.58	-9.870e+05	-6.922e+04	-4563.86
5	9	72.00	-2.284e+04	-3286.14	1015.53	-9.960e+05	-6.660e+04	-4386.89
5	9	74.00	-2.274e+04	-3285.02	1025.09	-9.991e+05	-6.393e+04	-4197.47
5	9	76.00	-2.262e+04	-3286.10	1030.68	-9.956e+05	-6.124e+04	-4045.83
5	9	78.00	-2.250e+04	-3290.06	1020.71	-9.845e+05	-5.859e+04	-3965.00
5	9	80.00	-2.239e+04	-3284.69	978.73	-9.681e+05	-5.603e+04	-3959.14
5	9	96.00	-2.238e+04	-3291.72	978.73	-1.025e+06	-3.525e+04	-3736.10
5	9	99.00	-2.230e+04	-3294.34	961.08	-1.054e+06	-3.143e+04	-3631.32
5	9	102.00	-2.220e+04	-3296.18	955.77	-1.077e+06	-2.757e+04	-3446.94
5	9	105.00	-2.211e+04	-3294.75	954.46	-1.094e+06	-2.367e+04	-3170.00
5	9	108.00	-2.201e+04	-3291.24	954.42	-1.107e+06	-1.973e+04	-2812.47
5	9	111.00	-2.191e+04	-3287.23	955.35	-1.113e+06	-1.579e+04	-2426.91
5	9	114.00	-2.179e+04	-3283.53	955.12	-1.113e+06	-1.185e+04	-2074.06
5	9	117.00	-2.166e+04	-3280.06	948.94	-1.105e+06	-7952.29	-1771.01
5	9	120.00	-2.154e+04	-3279.41	933.63	-1.092e+06	-4096.89	-1535.81
5	9	128.00	-2.154e+04	-3290.04	933.63	-1.121e+06	6258.85	-923.52
5	9	132.00	-2.145e+04	-3295.20	940.87	-1.154e+06	1.141e+04	-582.31
5	9	136.00	-2.137e+04	-3300.08	939.65	-1.181e+06	1.665e+04	-132.53
5	9	140.00	-2.128e+04	-3299.43	929.45	-1.202e+06	2.193e+04	471.09
5	9	144.00	-2.118e+04	-3295.73	919.52	-1.217e+06	2.718e+04	1222.43
5	9	148.00	-2.107e+04	-3289.71	912.76	-1.227e+06	3.237e+04	2015.33
5	9	152.00	-2.095e+04	-3280.66	908.81	-1.230e+06	3.751e+04	2763.53
5	9	156.00	-2.082e+04	-3272.26	907.92	-1.226e+06	4.262e+04	3437.01
5	9	160.00	-2.069e+04	-3276.62	908.97	-1.215e+06	4.771e+04	4025.91
5	9	165.00	-2.060e+04	-3289.31	946.51	-1.253e+06	5.419e+04	4745.58
5	9	170.00	-2.052e+04	-3299.45	945.45	-1.283e+06	6.089e+04	5680.36
5	9	175.00	-2.044e+04	-3301.11	922.11	-1.308e+06	6.760e+04	6968.13
5	9	180.00	-2.035e+04	-3301.57	901.91	-1.328e+06	7.413e+04	8491.03
5	9	185.00	-2.024e+04	-3297.40	888.14	-1.341e+06	8.050e+04	1.002e+04
5	9	190.00	-2.012e+04	-3283.51	880.89	-1.348e+06	8.676e+04	1.143e+04
5	9	192.00	-2.008e+04	-3278.04	882.69	-1.350e+06	8.927e+04	1.196e+04
5	9	195.00	-1.993e+04	-3260.71	932.59	-1.356e+06	9.293e+04	1.268e+04
5	9	198.00	-1.980e+04	-3263.78	991.16	-1.362e+06	9.692e+04	1.337e+04
5	9	200.00	-1.970e+04	-3275.41	992.64	-1.360e+06	9.956e+04	1.396e+04
5	9	204.00	-1.967e+04	-3283.84	980.44	-1.381e+06	1.053e+05	1.526e+04
5	9	210.00	-1.959e+04	-3293.44	936.35	-1.411e+06	1.134e+05	1.799e+04
5	9	216.00	-1.949e+04	-3309.38	906.48	-1.437e+06	1.211e+05	2.093e+04
5	9	222.00	-1.940e+04	-3316.63	886.47	-1.456e+06	1.285e+05	2.374e+04
5	9	224.00	-1.936e+04	-3320.62	882.39	-1.461e+06	1.309e+05	2.462e+04
5	9	228.00	-1.923e+04	-3298.72	1008.55	-1.478e+06	1.356e+05	2.632e+04
5	9	231.00	-1.913e+04	-3293.88	1113.56	-1.494e+06	1.401e+05	2.749e+04

5	9	234.00	-1.899e+04	-3247.35	1076.98	-1.494e+06	1.442e+05	2.922e+04
5	9	238.00	-1.886e+04	-3204.03	1055.14	-1.489e+06	1.502e+05	3.217e+04
5	9	240.00	-1.875e+04	-3220.54	1052.60	-1.481e+06	1.529e+05	3.367e+04
5	9	245.00	-1.868e+04	-3255.70	1005.43	-1.509e+06	1.594e+05	3.796e+04
5	9	252.00	-1.860e+04	-3312.41	970.27	-1.542e+06	1.679e+05	4.351e+04
5	9	256.00	-1.855e+04	-3340.38	955.87	-1.558e+06	1.726e+05	4.644e+04
5	9	259.00	-1.850e+04	-3380.32	1171.44	-1.573e+06	1.752e+05	4.979e+04
5	9	264.00	-1.839e+04	-3138.77	1533.28	-1.597e+06	1.862e+05	5.584e+04
5	9	266.00	-1.829e+04	-3140.93	1468.52	-1.610e+06	1.894e+05	5.834e+04
5	9	272.00	-1.823e+04	-3046.58	1293.88	-1.616e+06	1.977e+05	6.943e+04
5	9	273.00	-1.817e+04	-3008.09	1283.79	-1.616e+06	1.988e+05	7.078e+04
5	9	280.00	-1.770e+04	-2981.75	1329.35	-1.574e+06	2.061e+05	8.048e+04
5	9	288.00	-1.763e+04	-3157.21	1291.04	-1.619e+06	2.148e+05	9.000e+04
5	9	296.00	-1.698e+04	-2872.00	-2362.13	-1.772e+06	1.939e+05	1.295e+05
5	9	297.00	-1.665e+04	-2286.23	-2820.25	-1.836e+06	2.089e+05	1.686e+05
5	9	304.00	-1.549e+04	-2615.95	-3126.52	-2.035e+06	2.168e+05	2.132e+05
5	9	306.00	-1.588e+04	-2873.45	-3204.95	-2.013e+06	2.165e+05	2.219e+05
5	9	312.00	-1.542e+04	-3105.73	-3084.42	-2.001e+06	2.167e+05	2.366e+05
5	9	315.00	-1.601e+04	-3634.42	-2834.61	-2.106e+06	2.144e+05	2.403e+05
5	9	320.00	-1.416e+04	-2258.36	-2325.39	-1.731e+06	2.095e+05	2.360e+05
5	9	324.00	-1.337e+04	-3558.36	-846.16	-1.781e+06	1.013e+05	4.402e+04
5	9	325.00	-1.283e+04	-3261.37	-461.97	-1.870e+06	1.286e+05	6.179e+04
5	9	330.00	-1.225e+04	-4105.73	213.69	-1.853e+06	1.208e+05	1.208e+04
5	9	333.00	-1.217e+04	-4396.21	465.10	-1.790e+06	1.227e+05	-6525.99
5	9	335.00	-1.214e+04	-4633.86	657.43	-1.743e+06	1.234e+05	-1.564e+04
5	9	340.00	-1.182e+04	-5058.93	762.73	-1.673e+06	1.261e+05	-3.220e+04
5	9	342.00	-1.179e+04	-5248.06	819.82	-1.629e+06	1.275e+05	-3.801e+04
5	9	345.00	-1.175e+04	-5647.15	947.43	-1.567e+06	1.290e+05	-4.475e+04
5	9	350.00	-1.145e+04	-5770.15	1057.31	-1.464e+06	1.322e+05	-5.496e+04
5	9	351.00	-1.142e+04	-5760.71	1073.00	-1.434e+06	1.331e+05	-5.721e+04
5	9	355.00	-1.162e+04	-6808.30	1149.42	-1.370e+06	1.348e+05	-5.868e+04
5	9	360.00	-1.441e+04	-3811.90	1222.85	-1.523e+06	1.516e+05	-7.470e+04
5	9	365.00	-1.357e+04	-1753.26	674.01	-1.242e+06	1.418e+05	-7.050e+04
5	9	370.00	-1.270e+04	-337.81	272.29	-1.023e+06	1.335e+05	-6.902e+04
5	9	375.00	-1.228e+04	-108.03	-384.99	-8.166e+05	1.272e+05	-7.181e+04
5	9	380.00	-1.170e+04	-245.63	-721.55	-6.650e+05	1.213e+05	-7.663e+04
5	9	385.00	-1.204e+04	-2146.01	-1407.97	-4.973e+05	1.167e+05	-8.576e+04
5	9	390.00	-1.298e+04	-4525.53	-1006.89	-3.313e+05	1.122e+05	-9.158e+04
5	9	395.00	-1.559e+04	-9274.46	-1574.37	-1.315e+05	1.027e+05	-1.031e+05
5	25	0.0	-2.451e+04	-3318.09	1354.06	-7.681e+05	-1.690e+05	-778.49
5	25	32.00	-2.451e+04	-3294.15	1354.06	-8.785e+05	-1.251e+05	-3797.88
5	25	33.00	-2.441e+04	-3288.62	1187.98	-9.013e+05	-1.239e+05	-3862.59
5	25	34.00	-2.432e+04	-3295.37	1190.03	-9.168e+05	-1.225e+05	-4083.72
5	25	35.00	-2.422e+04	-3296.38	1209.05	-9.282e+05	-1.212e+05	-4237.43
5	25	36.00	-2.412e+04	-3296.43	1229.79	-9.341e+05	-1.198e+05	-4247.14
5	25	37.00	-2.402e+04	-3298.08	1249.23	-9.342e+05	-1.183e+05	-4120.09
5	25	38.00	-2.391e+04	-3302.69	1264.81	-9.280e+05	-1.169e+05	-3898.66
5	25	39.00	-2.381e+04	-3308.90	1262.26	-9.158e+05	-1.153e+05	-3729.28
5	25	40.00	-2.367e+04	-3315.43	1122.56	-8.929e+05	-1.141e+05	-3717.14
5	25	64.00	-2.367e+04	-3311.50	1122.56	-9.767e+05	-8.108e+04	-4977.80
5	25	66.00	-2.358e+04	-3315.39	1066.64	-1.001e+06	-7.846e+04	-4961.29
5	25	68.00	-2.348e+04	-3314.58	1059.45	-1.022e+06	-7.580e+04	-4881.80
5	25	70.00	-2.339e+04	-3313.48	1067.13	-1.036e+06	-7.307e+04	-4740.79
5	25	72.00	-2.329e+04	-3311.45	1077.49	-1.045e+06	-7.030e+04	-4554.92
5	25	74.00	-2.318e+04	-3310.27	1087.45	-1.048e+06	-6.748e+04	-4355.90
5	25	76.00	-2.307e+04	-3311.37	1093.26	-1.045e+06	-6.464e+04	-4196.18
5	25	78.00	-2.295e+04	-3315.49	1082.77	-1.034e+06	-6.183e+04	-4110.06
5	25	80.00	-2.283e+04	-3310.01	1038.80	-1.017e+06	-5.912e+04	-4102.38
5	25	96.00	-2.283e+04	-3317.30	1038.80	-1.075e+06	-3.716e+04	-3857.35
5	25	99.00	-2.274e+04	-3319.96	1020.46	-1.103e+06	-3.311e+04	-3745.39
5	25	102.00	-2.265e+04	-3321.82	1014.94	-1.127e+06	-2.903e+04	-3549.98
5	25	105.00	-2.256e+04	-3320.32	1013.60	-1.144e+06	-2.490e+04	-3257.74
5	25	108.00	-2.246e+04	-3316.67	1013.57	-1.157e+06	-2.074e+04	-2881.28
5	25	111.00	-2.235e+04	-3312.53	1014.53	-1.163e+06	-1.657e+04	-2475.32
5	25	114.00	-2.223e+04	-3308.74	1014.24	-1.163e+06	-1.241e+04	-2103.18
5	25	117.00	-2.211e+04	-3305.23	1007.69	-1.155e+06	-8289.11	-1782.67
5	25	120.00	-2.199e+04	-3304.61	991.60	-1.142e+06	-4211.92	-1533.13
5	25	128.00	-2.199e+04	-3315.54	991.60	-1.172e+06	6737.70	-883.36
5	25	132.00	-2.190e+04	-3320.87	999.27	-1.205e+06	1.218e+04	-521.45
5	25	136.00	-2.181e+04	-3325.86	998.11	-1.231e+06	1.772e+04	-45.31
5	25	140.00	-2.173e+04	-3325.14	987.56	-1.252e+06	2.331e+04	591.51
5	25	144.00	-2.163e+04	-3321.28	977.23	-1.268e+06	2.886e+04	1382.61
5	25	148.00	-2.152e+04	-3315.06	970.15	-1.278e+06	3.435e+04	2217.59
5	25	152.00	-2.140e+04	-3305.80	965.96	-1.281e+06	3.978e+04	3006.51
5	25	156.00	-2.127e+04	-3297.23	964.92	-1.277e+06	4.518e+04	3717.89
5	25	160.00	-2.114e+04	-3301.76	965.88	-1.266e+06	5.057e+04	4340.96
5	25	165.00	-2.105e+04	-3314.83	1005.21	-1.304e+06	5.742e+04	5103.24

5	25	170.00	-2.097e+04	-3325.26	1004.32	-1.334e+06	6.450e+04	6091.28
5	25	175.00	-2.089e+04	-3326.88	980.13	-1.359e+06	7.159e+04	7447.35
5	25	180.00	-2.079e+04	-3327.27	959.11	-1.379e+06	7.850e+04	9049.20
5	25	185.00	-2.069e+04	-3322.94	944.70	-1.393e+06	8.524e+04	1.066e+04
5	25	190.00	-2.057e+04	-3308.71	937.03	-1.400e+06	9.186e+04	1.215e+04
5	25	192.00	-2.052e+04	-3303.11	938.85	-1.402e+06	9.452e+04	1.270e+04
5	25	195.00	-2.038e+04	-3285.40	990.90	-1.408e+06	9.839e+04	1.346e+04
5	25	198.00	-2.024e+04	-3288.66	1052.01	-1.414e+06	1.026e+05	1.420e+04
5	25	200.00	-2.014e+04	-3300.64	1053.63	-1.412e+06	1.054e+05	1.482e+04
5	25	204.00	-2.011e+04	-3309.31	1041.18	-1.433e+06	1.114e+05	1.619e+04
5	25	210.00	-2.003e+04	-3319.02	995.42	-1.464e+06	1.200e+05	1.905e+04
5	25	216.00	-1.994e+04	-3335.28	964.30	-1.489e+06	1.282e+05	2.215e+04
5	25	222.00	-1.984e+04	-3342.68	943.36	-1.509e+06	1.360e+05	2.510e+04
5	25	224.00	-1.981e+04	-3346.75	939.05	-1.514e+06	1.386e+05	2.602e+04
5	25	228.00	-1.968e+04	-3324.38	1070.56	-1.531e+06	1.435e+05	2.782e+04
5	25	231.00	-1.957e+04	-3319.51	1180.03	-1.547e+06	1.482e+05	2.905e+04
5	25	234.00	-1.943e+04	-3271.91	1142.15	-1.548e+06	1.526e+05	3.087e+04
5	25	238.00	-1.931e+04	-3227.30	1119.78	-1.542e+06	1.590e+05	3.396e+04
5	25	240.00	-1.919e+04	-3244.27	1117.15	-1.534e+06	1.617e+05	3.554e+04
5	25	245.00	-1.913e+04	-3280.29	1068.11	-1.562e+06	1.686e+05	4.003e+04
5	25	252.00	-1.904e+04	-3338.49	1031.42	-1.596e+06	1.776e+05	4.586e+04
5	25	256.00	-1.900e+04	-3367.21	1016.35	-1.612e+06	1.826e+05	4.894e+04
5	25	259.00	-1.894e+04	-3408.54	1241.03	-1.626e+06	1.854e+05	5.243e+04
5	25	264.00	-1.883e+04	-3159.12	1618.07	-1.652e+06	1.969e+05	5.877e+04
5	25	266.00	-1.874e+04	-3161.48	1550.80	-1.664e+06	2.003e+05	6.139e+04
5	25	272.00	-1.867e+04	-3064.12	1369.41	-1.670e+06	2.091e+05	7.297e+04
5	25	273.00	-1.861e+04	-3025.02	1358.85	-1.670e+06	2.102e+05	7.439e+04
5	25	280.00	-1.813e+04	-2999.15	1406.46	-1.627e+06	2.180e+05	8.454e+04
5	25	288.00	-1.807e+04	-3179.60	1366.44	-1.673e+06	2.273e+05	9.452e+04
5	25	296.00	-1.740e+04	-2878.43	-2417.17	-1.830e+06	2.057e+05	1.357e+05
5	25	297.00	-1.706e+04	-2271.18	-2891.70	-1.897e+06	2.214e+05	1.762e+05
5	25	304.00	-1.587e+04	-2612.76	-3213.83	-2.102e+06	2.298e+05	2.227e+05
5	25	306.00	-1.627e+04	-2877.90	-3296.46	-2.078e+06	2.295e+05	2.317e+05
5	25	312.00	-1.580e+04	-3124.68	-3174.82	-2.067e+06	2.299e+05	2.470e+05
5	25	315.00	-1.641e+04	-3661.99	-2915.57	-2.173e+06	2.276e+05	2.509e+05
5	25	320.00	-1.453e+04	-2272.88	-2386.34	-1.791e+06	2.226e+05	2.465e+05
5	25	324.00	-1.373e+04	-3615.51	-858.10	-1.838e+06	1.098e+05	4.703e+04
5	25	325.00	-1.316e+04	-3306.44	-460.98	-1.930e+06	1.380e+05	6.542e+04
5	25	330.00	-1.258e+04	-4177.42	236.19	-1.912e+06	1.294e+05	1.360e+04
5	25	333.00	-1.250e+04	-4476.97	496.63	-1.847e+06	1.311e+05	-5851.50
5	25	335.00	-1.247e+04	-4722.32	696.14	-1.798e+06	1.318e+05	-1.539e+04
5	25	340.00	-1.215e+04	-5162.01	804.07	-1.725e+06	1.342e+05	-3.277e+04
5	25	342.00	-1.212e+04	-5358.40	863.31	-1.680e+06	1.356e+05	-3.887e+04
5	25	345.00	-1.208e+04	-5768.55	995.68	-1.615e+06	1.370e+05	-4.597e+04
5	25	350.00	-1.178e+04	-5905.57	1108.44	-1.509e+06	1.399e+05	-5.673e+04
5	25	351.00	-1.175e+04	-5900.03	1124.57	-1.478e+06	1.408e+05	-5.911e+04
5	25	355.00	-1.194e+04	-6964.08	1205.27	-1.410e+06	1.424e+05	-6.073e+04
5	25	360.00	-1.486e+04	-3978.18	1282.17	-1.571e+06	1.597e+05	-7.756e+04
5	25	365.00	-1.397e+04	-1868.05	709.71	-1.279e+06	1.492e+05	-7.328e+04
5	25	370.00	-1.307e+04	-418.95	289.83	-1.052e+06	1.403e+05	-7.183e+04
5	25	375.00	-1.264e+04	-199.50	-396.59	-8.387e+05	1.335e+05	-7.484e+04
5	25	380.00	-1.203e+04	-338.77	-748.42	-6.834e+05	1.272e+05	-7.993e+04
5	25	385.00	-1.240e+04	-2308.38	-1465.03	-5.111e+05	1.223e+05	-8.953e+04
5	25	390.00	-1.336e+04	-4733.94	-1045.05	-3.416e+05	1.175e+05	-9.559e+04
5	25	395.00	-1.609e+04	-9607.05	-1639.67	-1.355e+05	1.074e+05	-1.076e+05
5	31	0.0	-2.650e+04	-3432.11	1689.21	-9.796e+05	-2.096e+05	-908.33
5	31	32.00	-2.650e+04	-3407.24	1689.21	-1.094e+06	-1.549e+05	-4472.58
5	31	33.00	-2.640e+04	-3401.56	1490.14	-1.117e+06	-1.534e+05	-4546.01
5	31	34.00	-2.631e+04	-3408.21	1492.01	-1.132e+06	-1.517e+05	-4804.14
5	31	35.00	-2.622e+04	-3409.01	1514.28	-1.144e+06	-1.500e+05	-4985.91
5	31	36.00	-2.612e+04	-3408.84	1538.73	-1.150e+06	-1.483e+05	-4998.18
5	31	37.00	-2.601e+04	-3410.47	1561.80	-1.150e+06	-1.465e+05	-4848.23
5	31	38.00	-2.591e+04	-3415.36	1580.38	-1.144e+06	-1.447e+05	-4585.71
5	31	39.00	-2.580e+04	-3421.87	1577.07	-1.132e+06	-1.428e+05	-4386.79
5	31	40.00	-2.566e+04	-3429.24	1408.55	-1.109e+06	-1.413e+05	-4367.65
5	31	64.00	-2.566e+04	-3425.49	1408.55	-1.196e+06	-1.003e+05	-5827.20
5	31	66.00	-2.557e+04	-3429.35	1342.23	-1.221e+06	-9.700e+04	-5803.56
5	31	68.00	-2.548e+04	-3428.45	1333.44	-1.241e+06	-9.368e+04	-5706.15
5	31	70.00	-2.538e+04	-3427.05	1342.44	-1.256e+06	-9.029e+04	-5534.39
5	31	72.00	-2.528e+04	-3424.61	1354.67	-1.265e+06	-8.684e+04	-5308.74
5	31	74.00	-2.518e+04	-3423.17	1366.45	-1.268e+06	-8.335e+04	-5066.79
5	31	76.00	-2.506e+04	-3424.38	1373.24	-1.265e+06	-7.982e+04	-4870.97
5	31	78.00	-2.494e+04	-3429.23	1360.37	-1.254e+06	-7.634e+04	-4761.14
5	31	80.00	-2.482e+04	-3423.23	1307.54	-1.238e+06	-7.297e+04	-4745.40
5	31	96.00	-2.482e+04	-3431.68	1307.54	-1.297e+06	-4.567e+04	-4402.10
5	31	99.00	-2.473e+04	-3434.58	1286.07	-1.326e+06	-4.064e+04	-4258.02
5	31	102.00	-2.464e+04	-3436.49	1279.64	-1.350e+06	-3.557e+04	-4013.32

5	31	105.00	-2.455e+04	-3434.64	1278.19	-1.368e+06	-3.044e+04	-3652.69
5	31	108.00	-2.445e+04	-3430.38	1278.21	-1.380e+06	-2.527e+04	-3191.52
5	31	111.00	-2.434e+04	-3425.65	1279.27	-1.387e+06	-2.009e+04	-2694.31
5	31	114.00	-2.423e+04	-3421.50	1278.71	-1.387e+06	-1.492e+04	-2235.89
5	31	117.00	-2.410e+04	-3417.83	1270.54	-1.380e+06	-9795.15	-1837.23
5	31	120.00	-2.398e+04	-3417.30	1250.94	-1.366e+06	-4725.78	-1523.56
5	31	128.00	-2.398e+04	-3429.61	1250.94	-1.398e+06	8880.62	-706.13
5	31	132.00	-2.389e+04	-3435.65	1260.52	-1.431e+06	1.565e+04	-251.58
5	31	136.00	-2.380e+04	-3441.17	1259.62	-1.458e+06	2.253e+04	342.51
5	31	140.00	-2.372e+04	-3440.13	1247.51	-1.480e+06	2.946e+04	1127.88
5	31	144.00	-2.362e+04	-3435.54	1235.41	-1.496e+06	3.636e+04	2096.86
5	31	148.00	-2.351e+04	-3428.46	1226.91	-1.506e+06	4.319e+04	3120.09
5	31	152.00	-2.339e+04	-3418.21	1221.61	-1.510e+06	4.995e+04	4091.23
5	31	156.00	-2.326e+04	-3408.91	1219.91	-1.505e+06	5.666e+04	4972.19
5	31	160.00	-2.312e+04	-3414.17	1220.48	-1.495e+06	6.337e+04	5748.19
5	31	165.00	-2.303e+04	-3428.96	1267.79	-1.534e+06	7.187e+04	6701.14
5	31	170.00	-2.296e+04	-3440.73	1267.67	-1.565e+06	8.066e+04	7927.52
5	31	175.00	-2.288e+04	-3442.16	1239.70	-1.590e+06	8.946e+04	9589.23
5	31	180.00	-2.279e+04	-3442.20	1214.98	-1.611e+06	9.804e+04	1.154e+04
5	31	185.00	-2.268e+04	-3437.17	1197.73	-1.625e+06	1.064e+05	1.351e+04
5	31	190.00	-2.256e+04	-3421.37	1188.17	-1.633e+06	1.147e+05	1.535e+04
5	31	192.00	-2.251e+04	-3415.20	1190.08	-1.635e+06	1.180e+05	1.603e+04
5	31	195.00	-2.236e+04	-3395.84	1251.79	-1.641e+06	1.228e+05	1.697e+04
5	31	198.00	-2.222e+04	-3399.91	1324.20	-1.648e+06	1.280e+05	1.789e+04
5	31	200.00	-2.213e+04	-3413.49	1326.47	-1.645e+06	1.315e+05	1.865e+04
5	31	204.00	-2.210e+04	-3423.20	1312.93	-1.667e+06	1.390e+05	2.034e+04
5	31	210.00	-2.202e+04	-3433.38	1259.69	-1.698e+06	1.496e+05	2.382e+04
5	31	216.00	-2.193e+04	-3451.10	1222.97	-1.725e+06	1.597e+05	2.758e+04
5	31	222.00	-2.183e+04	-3459.15	1197.86	-1.745e+06	1.695e+05	3.119e+04
5	31	224.00	-2.180e+04	-3463.62	1192.53	-1.751e+06	1.727e+05	3.231e+04
5	31	228.00	-2.167e+04	-3439.14	1348.01	-1.769e+06	1.789e+05	3.452e+04
5	31	231.00	-2.156e+04	-3434.14	1477.38	-1.786e+06	1.847e+05	3.605e+04
5	31	234.00	-2.142e+04	-3381.77	1433.71	-1.786e+06	1.902e+05	3.826e+04
5	31	238.00	-2.129e+04	-3331.37	1408.97	-1.779e+06	1.980e+05	4.199e+04
5	31	240.00	-2.117e+04	-3350.39	1405.94	-1.770e+06	2.014e+05	4.390e+04
5	31	245.00	-2.111e+04	-3390.22	1348.51	-1.800e+06	2.100e+05	4.931e+04
5	31	252.00	-2.103e+04	-3455.13	1304.99	-1.835e+06	2.212e+05	5.635e+04
5	31	256.00	-2.098e+04	-3487.19	1286.91	-1.852e+06	2.274e+05	6.009e+04
5	31	259.00	-2.093e+04	-3534.75	1552.38	-1.866e+06	2.310e+05	6.427e+04
5	31	264.00	-2.082e+04	-3250.11	1997.43	-1.893e+06	2.450e+05	7.189e+04
5	31	266.00	-2.072e+04	-3253.35	1918.92	-1.907e+06	2.491e+05	7.504e+04
5	31	272.00	-2.067e+04	-3142.58	1707.30	-1.912e+06	2.600e+05	8.882e+04
5	31	273.00	-2.061e+04	-3100.73	1694.65	-1.911e+06	2.615e+05	9.052e+04
5	31	280.00	-2.010e+04	-3076.93	1751.40	-1.864e+06	2.712e+05	1.027e+05
5	31	288.00	-2.004e+04	-3279.71	1703.78	-1.913e+06	2.829e+05	1.147e+05
5	31	296.00	-1.929e+04	-2907.10	-2663.44	-2.089e+06	2.588e+05	1.631e+05
5	31	297.00	-1.890e+04	-2203.75	-3211.35	-2.166e+06	2.771e+05	2.104e+05
5	31	304.00	-1.754e+04	-2598.43	-3604.44	-2.401e+06	2.877e+05	2.649e+05
5	31	306.00	-1.801e+04	-2897.69	-3705.90	-2.371e+06	2.876e+05	2.756e+05
5	31	312.00	-1.752e+04	-3209.40	-3579.28	-2.361e+06	2.887e+05	2.937e+05
5	31	315.00	-1.818e+04	-3785.29	-3277.80	-2.474e+06	2.863e+05	2.983e+05
5	31	320.00	-1.615e+04	-2337.82	-2659.10	-2.056e+06	2.810e+05	2.933e+05
5	31	324.00	-1.532e+04	-3871.12	-911.52	-2.096e+06	1.479e+05	6.051e+04
5	31	325.00	-1.468e+04	-3508.00	-456.59	-2.202e+06	1.802e+05	8.167e+04
5	31	330.00	-1.405e+04	-4498.03	336.76	-2.177e+06	1.681e+05	2.037e+04
5	31	333.00	-1.398e+04	-4838.17	637.67	-2.101e+06	1.691e+05	-2830.38
5	31	335.00	-1.395e+04	-5117.95	869.25	-2.044e+06	1.691e+05	-1.429e+04
5	31	340.00	-1.361e+04	-5623.04	988.96	-1.959e+06	1.705e+05	-3.531e+04
5	31	342.00	-1.360e+04	-5851.92	1057.84	-1.907e+06	1.716e+05	-4.271e+04
5	31	345.00	-1.354e+04	-6311.51	1211.52	-1.830e+06	1.724e+05	-5.140e+04
5	31	350.00	-1.325e+04	-6511.26	1337.13	-1.709e+06	1.747e+05	-6.466e+04
5	31	351.00	-1.323e+04	-6523.15	1355.23	-1.675e+06	1.755e+05	-6.758e+04
5	31	355.00	-1.338e+04	-7660.83	1455.09	-1.587e+06	1.765e+05	-6.991e+04
5	31	360.00	-1.686e+04	-4721.85	1547.54	-1.787e+06	1.957e+05	-9.034e+04
5	31	365.00	-1.578e+04	-2381.41	869.40	-1.443e+06	1.822e+05	-8.573e+04
5	31	370.00	-1.470e+04	-781.82	368.27	-1.181e+06	1.707e+05	-8.440e+04
5	31	375.00	-1.422e+04	-608.58	-448.48	-9.374e+05	1.618e+05	-8.841e+04
5	31	380.00	-1.352e+04	-755.33	-868.61	-7.661e+05	1.537e+05	-9.471e+04
5	31	385.00	-1.401e+04	-3034.58	-1720.25	-5.727e+05	1.474e+05	-1.064e+05
5	31	390.00	-1.506e+04	-5666.14	-1215.73	-3.874e+05	1.413e+05	-1.135e+05
5	31	395.00	-1.832e+04	-1.109e+04	-1931.76	-1.538e+05	1.285e+05	-1.278e+05
5	32	0.0	-2.681e+04	-3501.94	1641.66	-9.712e+05	-2.043e+05	-883.80
5	32	32.00	-2.681e+04	-3476.85	1641.66	-1.088e+06	-1.511e+05	-4311.06
5	32	33.00	-2.671e+04	-3471.13	1445.02	-1.111e+06	-1.496e+05	-4381.72
5	32	34.00	-2.662e+04	-3477.95	1447.15	-1.126e+06	-1.480e+05	-4635.96
5	32	35.00	-2.652e+04	-3478.78	1469.43	-1.138e+06	-1.464e+05	-4812.56
5	32	36.00	-2.642e+04	-3478.61	1493.84	-1.144e+06	-1.447e+05	-4819.98

5	32	37.00	-2.632e+04	-3480.26	1516.80	-1.144e+06	-1.430e+05	-4665.99
5	32	38.00	-2.622e+04	-3485.21	1535.28	-1.138e+06	-1.412e+05	-4400.24
5	32	39.00	-2.611e+04	-3491.81	1532.11	-1.126e+06	-1.393e+05	-4197.29
5	32	40.00	-2.597e+04	-3499.04	1365.14	-1.103e+06	-1.378e+05	-4177.60
5	32	64.00	-2.597e+04	-3495.22	1365.14	-1.192e+06	-9.790e+04	-5582.47
5	32	66.00	-2.588e+04	-3499.19	1299.32	-1.217e+06	-9.472e+04	-5555.83
5	32	68.00	-2.578e+04	-3498.28	1290.73	-1.237e+06	-9.150e+04	-5455.57
5	32	70.00	-2.569e+04	-3496.88	1299.74	-1.252e+06	-8.819e+04	-5282.21
5	32	72.00	-2.559e+04	-3494.43	1311.95	-1.261e+06	-8.484e+04	-5055.82
5	32	74.00	-2.548e+04	-3492.98	1323.70	-1.265e+06	-8.143e+04	-4813.90
5	32	76.00	-2.537e+04	-3494.17	1330.50	-1.262e+06	-7.799e+04	-4618.58
5	32	78.00	-2.525e+04	-3499.01	1317.84	-1.251e+06	-7.460e+04	-4509.99
5	32	80.00	-2.513e+04	-3492.96	1265.37	-1.235e+06	-7.132e+04	-4494.94
5	32	96.00	-2.513e+04	-3501.47	1265.37	-1.296e+06	-4.475e+04	-4157.03
5	32	99.00	-2.504e+04	-3504.42	1243.94	-1.325e+06	-3.985e+04	-4015.20
5	32	102.00	-2.495e+04	-3506.39	1237.52	-1.349e+06	-3.491e+04	-3774.33
5	32	105.00	-2.486e+04	-3504.53	1236.03	-1.367e+06	-2.992e+04	-3419.05
5	32	108.00	-2.476e+04	-3500.23	1236.04	-1.379e+06	-2.488e+04	-2964.58
5	32	111.00	-2.465e+04	-3495.45	1237.13	-1.386e+06	-1.984e+04	-2475.31
5	32	114.00	-2.453e+04	-3491.23	1236.66	-1.386e+06	-1.481e+04	-2025.86
5	32	117.00	-2.441e+04	-3487.48	1228.68	-1.379e+06	-9815.97	-1637.05
5	32	120.00	-2.428e+04	-3486.95	1209.33	-1.366e+06	-4881.69	-1332.76
5	32	128.00	-2.428e+04	-3499.38	1209.33	-1.398e+06	8366.07	-539.97
5	32	132.00	-2.420e+04	-3505.50	1218.63	-1.432e+06	1.496e+04	-98.99
5	32	136.00	-2.411e+04	-3511.09	1217.53	-1.459e+06	2.165e+04	478.55
5	32	140.00	-2.403e+04	-3510.06	1205.32	-1.481e+06	2.841e+04	1245.40
5	32	144.00	-2.393e+04	-3505.44	1193.22	-1.498e+06	3.512e+04	2193.83
5	32	148.00	-2.382e+04	-3498.29	1184.80	-1.508e+06	4.177e+04	3194.46
5	32	152.00	-2.370e+04	-3487.90	1179.66	-1.512e+06	4.835e+04	4141.38
5	32	156.00	-2.356e+04	-3478.45	1178.17	-1.508e+06	5.489e+04	4997.17
5	32	160.00	-2.343e+04	-3483.78	1179.01	-1.497e+06	6.141e+04	5748.29
5	32	165.00	-2.334e+04	-3498.74	1225.68	-1.537e+06	6.969e+04	6668.87
5	32	170.00	-2.327e+04	-3510.60	1225.14	-1.568e+06	7.826e+04	7858.21
5	32	175.00	-2.319e+04	-3512.08	1197.02	-1.594e+06	8.683e+04	9480.00
5	32	180.00	-2.309e+04	-3512.17	1172.34	-1.615e+06	9.518e+04	1.139e+04
5	32	185.00	-2.299e+04	-3507.12	1155.23	-1.630e+06	1.033e+05	1.332e+04
5	32	190.00	-2.287e+04	-3491.12	1145.89	-1.638e+06	1.114e+05	1.510e+04
5	32	192.00	-2.282e+04	-3484.88	1147.91	-1.640e+06	1.146e+05	1.576e+04
5	32	195.00	-2.267e+04	-3465.23	1209.22	-1.646e+06	1.193e+05	1.667e+04
5	32	198.00	-2.253e+04	-3469.32	1281.24	-1.653e+06	1.244e+05	1.756e+04
5	32	200.00	-2.243e+04	-3483.04	1283.40	-1.651e+06	1.277e+05	1.830e+04
5	32	204.00	-2.241e+04	-3492.79	1269.38	-1.672e+06	1.350e+05	1.994e+04
5	32	210.00	-2.233e+04	-3503.16	1216.01	-1.704e+06	1.454e+05	2.335e+04
5	32	216.00	-2.224e+04	-3521.17	1179.41	-1.731e+06	1.553e+05	2.703e+04
5	32	222.00	-2.214e+04	-3529.39	1154.51	-1.752e+06	1.647e+05	3.055e+04
5	32	224.00	-2.211e+04	-3533.95	1149.28	-1.758e+06	1.679e+05	3.165e+04
5	32	228.00	-2.198e+04	-3509.12	1303.85	-1.776e+06	1.739e+05	3.380e+04
5	32	231.00	-2.187e+04	-3504.01	1432.56	-1.794e+06	1.796e+05	3.528e+04
5	32	234.00	-2.173e+04	-3450.81	1388.62	-1.794e+06	1.849e+05	3.744e+04
5	32	238.00	-2.160e+04	-3399.81	1363.49	-1.787e+06	1.925e+05	4.110e+04
5	32	240.00	-2.148e+04	-3419.08	1360.56	-1.778e+06	1.958e+05	4.297e+04
5	32	245.00	-2.142e+04	-3459.41	1303.16	-1.808e+06	2.042e+05	4.829e+04
5	32	252.00	-2.133e+04	-3525.14	1259.88	-1.844e+06	2.151e+05	5.520e+04
5	32	256.00	-2.129e+04	-3557.64	1241.95	-1.861e+06	2.212e+05	5.886e+04
5	32	259.00	-2.124e+04	-3605.55	1506.08	-1.876e+06	2.246e+05	6.299e+04
5	32	264.00	-2.113e+04	-3317.75	1949.00	-1.903e+06	2.384e+05	7.049e+04
5	32	266.00	-2.103e+04	-3321.21	1870.35	-1.917e+06	2.424e+05	7.359e+04
5	32	272.00	-2.098e+04	-3209.62	1658.42	-1.922e+06	2.530e+05	8.722e+04
5	32	273.00	-2.092e+04	-3166.95	1645.90	-1.922e+06	2.544e+05	8.890e+04
5	32	280.00	-2.040e+04	-3141.92	1703.08	-1.874e+06	2.638e+05	1.009e+05
5	32	288.00	-2.035e+04	-3347.05	1655.80	-1.924e+06	2.751e+05	1.127e+05
5	32	296.00	-1.960e+04	-2982.55	-2734.20	-2.101e+06	2.506e+05	1.609e+05
5	32	297.00	-1.920e+04	-2275.97	-3284.92	-2.178e+06	2.689e+05	2.082e+05
5	32	304.00	-1.784e+04	-2672.45	-3670.84	-2.414e+06	2.792e+05	2.626e+05
5	32	306.00	-1.831e+04	-2973.81	-3770.37	-2.385e+06	2.790e+05	2.732e+05
5	32	312.00	-1.782e+04	-3282.13	-3637.57	-2.374e+06	2.797e+05	2.912e+05
5	32	315.00	-1.849e+04	-3869.52	-3334.52	-2.490e+06	2.772e+05	2.957e+05
5	32	320.00	-1.643e+04	-2383.19	-2714.49	-2.065e+06	2.717e+05	2.906e+05
5	32	324.00	-1.556e+04	-3927.82	-950.68	-2.110e+06	1.392e+05	5.762e+04
5	32	325.00	-1.491e+04	-3565.74	-491.89	-2.216e+06	1.718e+05	7.893e+04
5	32	330.00	-1.427e+04	-4566.32	312.19	-2.192e+06	1.607e+05	1.794e+04
5	32	333.00	-1.419e+04	-4910.32	614.71	-2.116e+06	1.622e+05	-5066.10
5	32	335.00	-1.416e+04	-5192.78	847.07	-2.060e+06	1.626e+05	-1.640e+04
5	32	340.00	-1.381e+04	-5703.93	970.40	-1.975e+06	1.647e+05	-3.712e+04
5	32	342.00	-1.379e+04	-5933.94	1039.46	-1.922e+06	1.660e+05	-4.441e+04
5	32	345.00	-1.374e+04	-6399.97	1193.54	-1.846e+06	1.672e+05	-5.293e+04
5	32	350.00	-1.343e+04	-6593.43	1322.23	-1.724e+06	1.701e+05	-6.593e+04

5	32	351.00	-1.341e+04	-6601.33	1340.59	-1.689e+06	1.710e+05	-6.879e+04
5	32	355.00	-1.357e+04	-7765.23	1439.60	-1.603e+06	1.724e+05	-7.093e+04
5	32	360.00	-1.704e+04	-4707.86	1532.99	-1.801e+06	1.922e+05	-9.111e+04
5	32	365.00	-1.596e+04	-2338.01	856.56	-1.458e+06	1.792e+05	-8.630e+04
5	32	370.00	-1.488e+04	-717.83	358.25	-1.194e+06	1.682e+05	-8.479e+04
5	32	375.00	-1.439e+04	-523.94	-455.17	-9.491e+05	1.598e+05	-8.859e+04
5	32	380.00	-1.368e+04	-677.95	-872.72	-7.750e+05	1.520e+05	-9.474e+04
5	32	385.00	-1.415e+04	-2961.84	-1721.16	-5.796e+05	1.461e+05	-1.062e+05
5	32	390.00	-1.522e+04	-5644.83	-1218.21	-3.909e+05	1.402e+05	-1.133e+05
5	32	395.00	-1.847e+04	-1.114e+04	-1929.35	-1.552e+05	1.279e+05	-1.274e+05
5	37	0.0	-2.451e+04	-3318.09	1354.06	-7.681e+05	-1.690e+05	-778.49
5	37	32.00	-2.451e+04	-3294.15	1354.06	-8.785e+05	-1.251e+05	-3797.88
5	37	33.00	-2.441e+04	-3288.62	1187.98	-9.013e+05	-1.239e+05	-3862.59
5	37	34.00	-2.432e+04	-3295.37	1190.03	-9.168e+05	-1.225e+05	-4083.72
5	37	35.00	-2.422e+04	-3296.38	1209.05	-9.282e+05	-1.212e+05	-4237.43
5	37	36.00	-2.412e+04	-3296.43	1229.79	-9.341e+05	-1.198e+05	-4247.14
5	37	37.00	-2.402e+04	-3298.08	1249.23	-9.342e+05	-1.183e+05	-4120.09
5	37	38.00	-2.391e+04	-3302.69	1264.81	-9.280e+05	-1.169e+05	-3898.66
5	37	39.00	-2.381e+04	-3308.90	1262.26	-9.158e+05	-1.153e+05	-3729.28
5	37	40.00	-2.367e+04	-3315.43	1122.56	-8.929e+05	-1.141e+05	-3717.14
5	37	64.00	-2.367e+04	-3311.50	1122.56	-9.767e+05	-8.108e+04	-4977.80
5	37	66.00	-2.358e+04	-3315.39	1066.64	-1.001e+06	-7.846e+04	-4961.29
5	37	68.00	-2.348e+04	-3314.58	1059.45	-1.022e+06	-7.580e+04	-4881.80
5	37	70.00	-2.339e+04	-3313.48	1067.13	-1.036e+06	-7.307e+04	-4740.79
5	37	72.00	-2.329e+04	-3311.45	1077.49	-1.045e+06	-7.030e+04	-4554.92
5	37	74.00	-2.318e+04	-3310.27	1087.45	-1.048e+06	-6.748e+04	-4355.90
5	37	76.00	-2.307e+04	-3311.37	1093.26	-1.045e+06	-6.464e+04	-4196.18
5	37	78.00	-2.295e+04	-3315.49	1082.77	-1.034e+06	-6.183e+04	-4110.06
5	37	80.00	-2.283e+04	-3310.01	1038.80	-1.017e+06	-5.912e+04	-4102.38
5	37	96.00	-2.283e+04	-3317.30	1038.80	-1.075e+06	-3.716e+04	-3857.35
5	37	99.00	-2.274e+04	-3319.96	1020.46	-1.103e+06	-3.311e+04	-3745.39
5	37	102.00	-2.265e+04	-3321.82	1014.94	-1.127e+06	-2.903e+04	-3549.98
5	37	105.00	-2.256e+04	-3320.32	1013.60	-1.144e+06	-2.490e+04	-3257.74
5	37	108.00	-2.246e+04	-3316.67	1013.57	-1.157e+06	-2.074e+04	-2881.28
5	37	111.00	-2.235e+04	-3312.53	1014.53	-1.163e+06	-1.657e+04	-2475.32
5	37	114.00	-2.223e+04	-3308.74	1014.24	-1.163e+06	-1.241e+04	-2103.18
5	37	117.00	-2.211e+04	-3305.23	1007.69	-1.155e+06	-8289.11	-1782.67
5	37	120.00	-2.199e+04	-3304.61	991.60	-1.142e+06	-4211.92	-1533.13
5	37	128.00	-2.199e+04	-3315.54	991.60	-1.172e+06	6737.70	-883.36
5	37	132.00	-2.190e+04	-3320.87	999.27	-1.205e+06	1.218e+04	-521.45
5	37	136.00	-2.181e+04	-3325.86	998.11	-1.231e+06	1.772e+04	-45.31
5	37	140.00	-2.173e+04	-3325.14	987.56	-1.252e+06	2.331e+04	591.51
5	37	144.00	-2.163e+04	-3321.28	977.23	-1.268e+06	2.886e+04	1382.61
5	37	148.00	-2.152e+04	-3315.06	970.15	-1.278e+06	3.435e+04	2217.59
5	37	152.00	-2.140e+04	-3305.80	965.96	-1.281e+06	3.978e+04	3006.51
5	37	156.00	-2.127e+04	-3297.23	964.92	-1.277e+06	4.518e+04	3717.89
5	37	160.00	-2.114e+04	-3301.76	965.88	-1.266e+06	5.057e+04	4340.96
5	37	165.00	-2.105e+04	-3314.83	1005.21	-1.304e+06	5.742e+04	5103.24
5	37	170.00	-2.097e+04	-3325.26	1004.32	-1.334e+06	6.450e+04	6091.28
5	37	175.00	-2.089e+04	-3326.88	980.13	-1.359e+06	7.159e+04	7447.35
5	37	180.00	-2.079e+04	-3327.27	959.11	-1.379e+06	7.850e+04	9049.20
5	37	185.00	-2.069e+04	-3322.94	944.70	-1.393e+06	8.524e+04	1.066e+04
5	37	190.00	-2.057e+04	-3308.71	937.03	-1.400e+06	9.186e+04	1.215e+04
5	37	192.00	-2.052e+04	-3303.11	938.85	-1.402e+06	9.452e+04	1.270e+04
5	37	195.00	-2.038e+04	-3285.40	990.90	-1.408e+06	9.839e+04	1.346e+04
5	37	198.00	-2.024e+04	-3288.66	1052.01	-1.414e+06	1.026e+05	1.420e+04
5	37	200.00	-2.014e+04	-3300.64	1053.63	-1.412e+06	1.054e+05	1.482e+04
5	37	204.00	-2.011e+04	-3309.31	1041.18	-1.433e+06	1.114e+05	1.619e+04
5	37	210.00	-2.003e+04	-3319.02	995.42	-1.464e+06	1.200e+05	1.905e+04
5	37	216.00	-1.994e+04	-3335.28	964.30	-1.489e+06	1.282e+05	2.215e+04
5	37	222.00	-1.984e+04	-3342.68	943.36	-1.509e+06	1.360e+05	2.510e+04
5	37	224.00	-1.981e+04	-3346.75	939.05	-1.514e+06	1.386e+05	2.602e+04
5	37	228.00	-1.968e+04	-3324.38	1070.56	-1.531e+06	1.435e+05	2.782e+04
5	37	231.00	-1.957e+04	-3319.51	1180.03	-1.547e+06	1.482e+05	2.905e+04
5	37	234.00	-1.943e+04	-3271.91	1142.15	-1.548e+06	1.526e+05	3.087e+04
5	37	238.00	-1.931e+04	-3227.30	1119.78	-1.542e+06	1.590e+05	3.396e+04
5	37	240.00	-1.919e+04	-3244.27	1117.15	-1.534e+06	1.617e+05	3.554e+04
5	37	245.00	-1.913e+04	-3280.29	1068.11	-1.562e+06	1.686e+05	4.003e+04
5	37	252.00	-1.904e+04	-3338.49	1031.42	-1.596e+06	1.776e+05	4.586e+04
5	37	256.00	-1.900e+04	-3367.21	1016.35	-1.612e+06	1.826e+05	4.894e+04
5	37	259.00	-1.894e+04	-3408.54	1241.03	-1.626e+06	1.854e+05	5.243e+04
5	37	264.00	-1.883e+04	-3159.12	1618.07	-1.652e+06	1.969e+05	5.877e+04
5	37	266.00	-1.874e+04	-3161.48	1550.80	-1.664e+06	2.003e+05	6.139e+04
5	37	272.00	-1.867e+04	-3064.12	1369.41	-1.670e+06	2.091e+05	7.297e+04
5	37	273.00	-1.861e+04	-3025.02	1358.85	-1.670e+06	2.102e+05	7.439e+04
5	37	280.00	-1.813e+04	-2999.15	1406.46	-1.627e+06	2.180e+05	8.454e+04
5	37	288.00	-1.807e+04	-3179.60	1366.44	-1.673e+06	2.273e+05	9.452e+04

5	37	296.00	-1.740e+04	-2878.43	-2417.17	-1.830e+06	2.057e+05	1.357e+05
5	37	297.00	-1.706e+04	-2271.18	-2891.70	-1.897e+06	2.214e+05	1.762e+05
5	37	304.00	-1.587e+04	-2612.76	-3213.83	-2.102e+06	2.298e+05	2.227e+05
5	37	306.00	-1.627e+04	-2877.90	-3296.46	-2.078e+06	2.295e+05	2.317e+05
5	37	312.00	-1.580e+04	-3124.68	-3174.82	-2.067e+06	2.299e+05	2.470e+05
5	37	315.00	-1.641e+04	-3661.99	-2915.57	-2.173e+06	2.276e+05	2.509e+05
5	37	320.00	-1.453e+04	-2272.88	-2386.34	-1.791e+06	2.226e+05	2.465e+05
5	37	324.00	-1.373e+04	-3615.51	-858.10	-1.838e+06	1.098e+05	4.703e+04
5	37	325.00	-1.316e+04	-3306.44	-460.98	-1.930e+06	1.380e+05	6.542e+04
5	37	330.00	-1.258e+04	-4177.42	236.19	-1.912e+06	1.294e+05	1.360e+04
5	37	333.00	-1.250e+04	-4476.97	496.63	-1.847e+06	1.311e+05	-5851.50
5	37	335.00	-1.247e+04	-4722.32	696.14	-1.798e+06	1.318e+05	-1.539e+04
5	37	340.00	-1.215e+04	-5162.01	804.07	-1.725e+06	1.342e+05	-3.277e+04
5	37	342.00	-1.212e+04	-5358.40	863.31	-1.680e+06	1.356e+05	-3.887e+04
5	37	345.00	-1.208e+04	-5768.55	995.68	-1.615e+06	1.370e+05	-4.597e+04
5	37	350.00	-1.178e+04	-5905.57	1108.44	-1.509e+06	1.399e+05	-5.673e+04
5	37	351.00	-1.175e+04	-5900.03	1124.57	-1.478e+06	1.408e+05	-5.911e+04
5	37	355.00	-1.194e+04	-6964.08	1205.27	-1.410e+06	1.424e+05	-6.073e+04
5	37	360.00	-1.486e+04	-3978.18	1282.17	-1.571e+06	1.597e+05	-7.756e+04
5	37	365.00	-1.397e+04	-1868.05	709.71	-1.279e+06	1.492e+05	-7.328e+04
5	37	370.00	-1.307e+04	-418.95	289.83	-1.052e+06	1.403e+05	-7.183e+04
5	37	375.00	-1.264e+04	-199.50	-396.59	-8.387e+05	1.335e+05	-7.484e+04
5	37	380.00	-1.203e+04	-338.77	-748.42	-6.834e+05	1.272e+05	-7.993e+04
5	37	385.00	-1.240e+04	-2308.38	-1465.03	-5.111e+05	1.223e+05	-8.953e+04
5	37	390.00	-1.336e+04	-4733.94	-1045.05	-3.416e+05	1.175e+05	-9.559e+04
5	37	395.00	-1.609e+04	-9607.05	-1639.67	-1.355e+05	1.074e+05	-1.076e+05

M_S	N memb.	V memb.	V orto	M memb.	M orto	T
	-3.576e+04	-1.512e+04	-5087.78	-3.367e+06	-2.896e+05	-1.746e+05
	-1.142e+04	-108.03	2757.33	-1.315e+05	4.002e+05	4.079e+05

Macro	Tipo	Angolo 1-Z (gradi)
6	Setto	0.0

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
6	8	0.0	-4.179e+04	317.83	621.10	-7.684e+05	-8.288e+04	-4138.17
6	8	40.00	-4.179e+04	291.49	621.10	-7.888e+05	-5.662e+04	-2.851e+04
6	8	41.00	-4.166e+04	307.04	619.99	-8.159e+05	-5.596e+04	-2.913e+04
6	8	42.00	-4.154e+04	305.90	622.50	-8.358e+05	-5.530e+04	-2.977e+04
6	8	43.00	-4.142e+04	297.88	628.04	-8.500e+05	-5.462e+04	-3.042e+04
6	8	44.00	-4.129e+04	286.59	635.85	-8.583e+05	-5.392e+04	-3.110e+04
6	8	45.00	-4.116e+04	277.38	645.46	-8.609e+05	-5.319e+04	-3.181e+04
6	8	46.00	-4.103e+04	274.05	656.31	-8.573e+05	-5.244e+04	-3.254e+04
6	8	47.00	-4.089e+04	278.27	667.15	-8.470e+05	-5.165e+04	-3.329e+04
6	8	48.00	-4.074e+04	291.12	673.17	-8.293e+05	-5.081e+04	-3.398e+04
6	8	49.00	-4.058e+04	314.91	651.93	-8.037e+05	-5.000e+04	-3.445e+04
6	8	50.00	-4.040e+04	299.79	519.91	-7.670e+05	-4.964e+04	-3.465e+04
6	8	80.00	-4.040e+04	328.06	519.91	-7.897e+05	-3.006e+04	-4.471e+04
6	8	82.00	-4.028e+04	337.87	521.15	-8.170e+05	-2.874e+04	-4.538e+04
6	8	84.00	-4.016e+04	339.96	522.83	-8.366e+05	-2.742e+04	-4.605e+04
6	8	86.00	-4.006e+04	326.52	525.54	-8.493e+05	-2.608e+04	-4.671e+04
6	8	88.00	-3.994e+04	307.05	529.15	-8.570e+05	-2.472e+04	-4.735e+04
6	8	90.00	-3.980e+04	291.59	533.30	-8.594e+05	-2.333e+04	-4.795e+04
6	8	92.00	-3.966e+04	283.66	537.42	-8.553e+05	-2.193e+04	-4.849e+04
6	8	94.00	-3.950e+04	282.56	540.08	-8.442e+05	-2.051e+04	-4.894e+04
6	8	96.00	-3.934e+04	285.81	537.14	-8.254e+05	-1.911e+04	-4.929e+04
6	8	98.00	-3.916e+04	285.27	520.03	-7.976e+05	-1.779e+04	-4.956e+04
6	8	100.00	-3.900e+04	283.44	487.11	-7.657e+05	-1.657e+04	-4.973e+04
6	8	120.00	-3.900e+04	347.64	487.11	-7.903e+05	-3414.95	-5.184e+04
6	8	123.00	-3.888e+04	364.12	487.54	-8.202e+05	-1434.59	-5.216e+04
6	8	126.00	-3.880e+04	359.38	487.80	-8.355e+05	556.76	-5.246e+04
6	8	129.00	-3.871e+04	325.66	487.65	-8.462e+05	2559.60	-5.273e+04
6	8	132.00	-3.859e+04	295.92	487.11	-8.545e+05	4570.34	-5.297e+04
6	8	135.00	-3.844e+04	282.93	485.96	-8.576e+05	6585.28	-5.315e+04
6	8	138.00	-3.828e+04	280.78	484.14	-8.539e+05	8599.11	-5.324e+04
6	8	141.00	-3.812e+04	281.50	481.75	-8.432e+05	1.060e+04	-5.324e+04
6	8	144.00	-3.794e+04	279.56	479.03	-8.250e+05	1.257e+04	-5.312e+04
6	8	147.00	-3.776e+04	277.00	476.78	-7.987e+05	1.451e+04	-5.291e+04
6	8	150.00	-3.758e+04	286.70	476.17	-7.657e+05	1.642e+04	-5.260e+04
6	8	160.00	-3.758e+04	350.43	476.17	-7.859e+05	2.313e+04	-5.157e+04

6	8	164.00	-3.747e+04	392.52	475.87	-8.184e+05	2.582e+04	-5.115e+04
6	8	168.00	-3.747e+04	343.85	474.21	-8.227e+05	2.852e+04	-5.070e+04
6	8	172.00	-3.739e+04	267.95	471.05	-8.348e+05	3.122e+04	-5.024e+04
6	8	176.00	-3.723e+04	255.08	466.45	-8.478e+05	3.389e+04	-4.974e+04
6	8	180.00	-3.706e+04	278.25	459.92	-8.542e+05	3.654e+04	-4.916e+04
6	8	184.00	-3.689e+04	307.15	452.01	-8.533e+05	3.915e+04	-4.848e+04
6	8	188.00	-3.673e+04	325.16	444.71	-8.455e+05	4.173e+04	-4.766e+04
6	8	192.00	-3.655e+04	323.22	442.77	-8.304e+05	4.426e+04	-4.668e+04
6	8	196.00	-3.635e+04	307.16	454.09	-8.053e+05	4.678e+04	-4.553e+04
6	8	200.00	-3.612e+04	326.05	482.50	-7.688e+05	4.936e+04	-4.416e+04
6	8	205.00	-3.612e+04	370.82	485.52	-7.873e+05	5.283e+04	-4.240e+04
6	8	210.00	-3.629e+04	67.27	480.55	-7.669e+05	5.634e+04	-4.068e+04
6	8	215.00	-3.604e+04	59.12	474.70	-8.043e+05	5.982e+04	-3.901e+04
6	8	220.00	-3.582e+04	183.59	466.34	-8.296e+05	6.322e+04	-3.730e+04
6	8	225.00	-3.565e+04	321.91	453.66	-8.440e+05	6.654e+04	-3.549e+04
6	8	230.00	-3.551e+04	434.56	438.06	-8.508e+05	6.977e+04	-3.354e+04
6	8	235.00	-3.537e+04	507.06	422.14	-8.501e+05	7.291e+04	-3.138e+04
6	8	240.00	-3.521e+04	522.44	413.83	-8.406e+05	7.594e+04	-2.895e+04
6	8	245.00	-3.592e+04	-476.32	469.89	-6.264e+05	7.873e+04	-2.592e+04
6	8	246.00	-3.680e+04	-1576.98	492.25	-4.446e+05	7.925e+04	-2.472e+04
6	8	250.00	-3.550e+04	-1481.20	538.30	-5.344e+05	8.227e+04	-2.208e+04
6	8	252.00	-3.539e+04	-1365.78	529.87	-5.590e+05	8.370e+04	-2.088e+04
6	8	258.00	-3.498e+04	-657.61	528.69	-6.343e+05	8.802e+04	-1.720e+04
6	8	264.00	-3.484e+04	-34.53	515.73	-6.717e+05	9.231e+04	-1.338e+04
6	8	270.00	-3.479e+04	495.88	494.11	-6.970e+05	9.646e+04	-9477.17
6	8	276.00	-3.477e+04	953.83	468.04	-7.150e+05	1.004e+05	-5375.12
6	8	280.00	-3.476e+04	1219.51	447.67	-7.224e+05	1.029e+05	-2488.08
6	8	282.00	-3.532e+04	6167.68	327.60	-5.821e+05	1.074e+05	-4417.90
6	8	287.00	-3.245e+04	1.048e+04	44.36	-1.163e+06	1.086e+05	-2731.98
6	8	288.00	-3.238e+04	1.110e+04	39.77	-1.170e+06	1.087e+05	-1709.31
6	8	294.00	-3.213e+04	1.245e+04	99.77	-1.164e+06	1.090e+05	4093.40
6	8	300.00	-3.112e+04	1.141e+04	285.80	-9.318e+05	1.113e+05	9972.88
6	8	301.00	-3.115e+04	1.133e+04	294.59	-9.454e+05	1.121e+05	1.063e+04
6	8	308.00	-3.118e+04	1.042e+04	352.43	-1.070e+06	1.177e+05	1.403e+04
6	8	315.00	-3.093e+04	8647.87	442.13	-1.239e+06	1.241e+05	1.537e+04
6	8	320.00	-3.061e+04	6895.55	521.89	-1.385e+06	1.291e+05	1.509e+04
6	8	322.00	-2.060e+04	1.286e+04	-354.88	-1.360e+06	1.163e+05	4.365e+04
6	8	324.00	-1.904e+04	1.490e+04	195.43	-3.882e+06	1.201e+05	4.801e+04
6	8	328.00	-1.937e+04	1.428e+04	215.23	-3.638e+06	1.274e+05	5.334e+04
6	8	329.00	-1.947e+04	1.385e+04	238.63	-3.569e+06	1.283e+05	5.460e+04
6	8	332.00	-2.010e+04	1.268e+04	164.14	-3.334e+06	1.303e+05	5.857e+04
6	8	336.00	-2.008e+04	1.137e+04	11.43	-3.107e+06	1.319e+05	6.485e+04
6	8	340.00	-2.029e+04	1.043e+04	-376.25	-2.924e+06	1.339e+05	7.193e+04
6	8	343.00	-2.020e+04	8336.82	-689.12	-2.779e+06	1.360e+05	7.711e+04
6	8	344.00	-2.137e+04	9460.91	-688.79	-2.893e+06	1.390e+05	8.484e+04
6	8	348.00	-2.264e+04	4062.32	-669.56	-2.857e+06	1.137e+05	6.468e+04
6	8	350.00	-2.118e+04	-4644.37	-676.48	-2.539e+06	7.872e+04	2.363e+04
6	8	352.00	-2.129e+04	-4741.30	-690.75	-2.461e+06	8.450e+04	3.391e+04
6	8	356.00	-2.147e+04	-4748.36	-709.51	-2.289e+06	9.539e+04	5.326e+04
6	8	360.00	-2.160e+04	-4626.20	-770.92	-2.095e+06	1.051e+05	6.977e+04
6	8	364.00	-2.163e+04	-4322.63	-823.64	-1.890e+06	1.134e+05	8.470e+04
6	8	368.00	-2.165e+04	-3885.02	-925.57	-1.666e+06	1.198e+05	9.628e+04
6	8	372.00	-2.158e+04	-3196.92	-998.95	-1.435e+06	1.243e+05	1.067e+05
6	8	376.00	-2.158e+04	-2324.53	-1134.61	-1.187e+06	1.263e+05	1.130e+05
6	8	380.00	-2.154e+04	-1037.59	-1197.55	-9.354e+05	1.257e+05	1.188e+05
6	8	384.00	-2.163e+04	483.14	-1336.61	-6.716e+05	1.219e+05	1.186e+05
6	8	388.00	-2.180e+04	2698.63	-1183.28	-4.052e+05	1.153e+05	1.190e+05
6	8	392.00	-2.074e+04	4146.77	-1109.02	-1.757e+05	1.035e+05	1.067e+05
6	8	396.00	-1.630e+04	1582.12	178.25	-2.583e+04	7.494e+04	9.201e+04
6	9	0.0	-2.805e+04	443.60	279.49	-3.577e+05	-3.885e+04	-2531.04
6	9	40.00	-2.805e+04	423.93	279.49	-3.807e+05	-2.674e+04	-1.744e+04
6	9	41.00	-2.795e+04	433.82	283.01	-4.018e+05	-2.644e+04	-1.781e+04
6	9	42.00	-2.785e+04	433.29	285.38	-4.172e+05	-2.613e+04	-1.820e+04
6	9	43.00	-2.776e+04	428.41	288.64	-4.285e+05	-2.581e+04	-1.860e+04
6	9	44.00	-2.766e+04	421.45	293.10	-4.352e+05	-2.548e+04	-1.901e+04
6	9	45.00	-2.756e+04	415.78	298.60	-4.375e+05	-2.514e+04	-1.944e+04
6	9	46.00	-2.746e+04	413.87	304.82	-4.350e+05	-2.478e+04	-1.989e+04
6	9	47.00	-2.735e+04	416.77	311.06	-4.273e+05	-2.440e+04	-2.033e+04
6	9	48.00	-2.724e+04	425.17	314.59	-4.140e+05	-2.399e+04	-2.075e+04
6	9	49.00	-2.712e+04	440.41	302.64	-3.946e+05	-2.360e+04	-2.103e+04
6	9	50.00	-2.698e+04	431.88	226.15	-3.673e+05	-2.347e+04	-2.115e+04
6	9	80.00	-2.698e+04	448.96	226.15	-3.892e+05	-1.446e+04	-2.725e+04
6	9	82.00	-2.689e+04	455.63	227.62	-4.104e+05	-1.385e+04	-2.766e+04
6	9	84.00	-2.680e+04	457.17	229.07	-4.262e+05	-1.324e+04	-2.806e+04
6	9	86.00	-2.671e+04	448.75	230.75	-4.368e+05	-1.261e+04	-2.845e+04
6	9	88.00	-2.662e+04	436.46	232.84	-4.435e+05	-1.198e+04	-2.883e+04
6	9	90.00	-2.651e+04	426.72	235.24	-4.458e+05	-1.133e+04	-2.918e+04

6	9	92.00	-2.640e+04	421.77	237.63	-4.432e+05	-1.067e+04	-2.950e+04
6	9	94.00	-2.628e+04	421.11	239.22	-4.353e+05	-1.001e+04	-2.977e+04
6	9	96.00	-2.616e+04	423.12	237.63	-4.215e+05	-9348.57	-2.997e+04
6	9	98.00	-2.603e+04	422.59	227.87	-4.011e+05	-8741.67	-3.012e+04
6	9	100.00	-2.590e+04	421.25	208.74	-3.770e+05	-8193.05	-3.021e+04
6	9	120.00	-2.590e+04	462.00	208.74	-3.976e+05	-2119.27	-3.142e+04
6	9	123.00	-2.581e+04	472.49	208.75	-4.208e+05	-1203.01	-3.159e+04
6	9	126.00	-2.574e+04	469.70	208.76	-4.341e+05	-281.59	-3.176e+04
6	9	129.00	-2.567e+04	448.28	208.62	-4.436e+05	645.11	-3.190e+04
6	9	132.00	-2.557e+04	429.35	208.33	-4.509e+05	1575.47	-3.202e+04
6	9	135.00	-2.546e+04	421.15	207.71	-4.540e+05	2508.18	-3.210e+04
6	9	138.00	-2.534e+04	419.90	206.72	-4.519e+05	3440.68	-3.213e+04
6	9	141.00	-2.522e+04	420.43	205.43	-4.445e+05	4366.55	-3.210e+04
6	9	144.00	-2.509e+04	419.14	204.04	-4.313e+05	5275.68	-3.200e+04
6	9	147.00	-2.495e+04	417.30	203.02	-4.121e+05	6163.52	-3.184e+04
6	9	150.00	-2.481e+04	423.24	202.98	-3.875e+05	7038.82	-3.163e+04
6	9	160.00	-2.482e+04	464.06	202.98	-4.028e+05	1.016e+04	-3.091e+04
6	9	164.00	-2.473e+04	490.90	201.60	-4.280e+05	1.141e+04	-3.062e+04
6	9	168.00	-2.471e+04	459.72	199.91	-4.344e+05	1.267e+04	-3.031e+04
6	9	172.00	-2.464e+04	410.91	197.95	-4.451e+05	1.391e+04	-2.998e+04
6	9	176.00	-2.452e+04	402.62	195.38	-4.556e+05	1.515e+04	-2.962e+04
6	9	180.00	-2.440e+04	417.61	191.70	-4.611e+05	1.637e+04	-2.921e+04
6	9	184.00	-2.427e+04	436.42	187.19	-4.611e+05	1.757e+04	-2.872e+04
6	9	188.00	-2.415e+04	448.34	183.08	-4.557e+05	1.875e+04	-2.816e+04
6	9	192.00	-2.402e+04	447.43	182.23	-4.448e+05	1.991e+04	-2.750e+04
6	9	196.00	-2.387e+04	437.25	189.29	-4.265e+05	2.106e+04	-2.674e+04
6	9	200.00	-2.370e+04	449.10	206.54	-3.999e+05	2.225e+04	-2.585e+04
6	9	205.00	-2.368e+04	477.35	205.23	-4.165e+05	2.388e+04	-2.471e+04
6	9	210.00	-2.378e+04	281.25	201.11	-4.071e+05	2.553e+04	-2.357e+04
6	9	215.00	-2.360e+04	275.53	197.96	-4.342e+05	2.714e+04	-2.246e+04
6	9	220.00	-2.344e+04	355.27	193.50	-4.529e+05	2.872e+04	-2.130e+04
6	9	225.00	-2.332e+04	444.42	186.28	-4.638e+05	3.026e+04	-2.007e+04
6	9	230.00	-2.321e+04	517.58	177.23	-4.689e+05	3.174e+04	-1.875e+04
6	9	235.00	-2.310e+04	565.39	168.05	-4.684e+05	3.317e+04	-1.732e+04
6	9	240.00	-2.298e+04	576.92	163.53	-4.614e+05	3.455e+04	-1.571e+04
6	9	245.00	-2.341e+04	-70.20	189.61	-3.240e+05	3.579e+04	-1.375e+04
6	9	246.00	-2.398e+04	-786.10	201.46	-2.067e+05	3.602e+04	-1.302e+04
6	9	250.00	-2.311e+04	-718.74	229.49	-2.650e+05	3.743e+04	-1.129e+04
6	9	252.00	-2.303e+04	-646.02	224.63	-2.816e+05	3.809e+04	-1.049e+04
6	9	258.00	-2.275e+04	-190.17	225.83	-3.334e+05	4.012e+04	-8014.59
6	9	264.00	-2.264e+04	212.02	219.04	-3.600e+05	4.215e+04	-5452.12
6	9	270.00	-2.259e+04	555.55	206.40	-3.780e+05	4.410e+04	-2842.42
6	9	276.00	-2.256e+04	853.43	190.93	-3.906e+05	4.593e+04	-115.62
6	9	280.00	-2.254e+04	1026.76	178.98	-3.955e+05	4.707e+04	1793.32
6	9	282.00	-2.287e+04	4265.85	105.70	-3.116e+05	4.945e+04	870.35
6	9	287.00	-2.103e+04	7063.24	-68.15	-6.805e+05	4.971e+04	2420.71
6	9	288.00	-2.099e+04	7460.75	-69.65	-6.847e+05	4.967e+04	3136.93
6	9	294.00	-2.080e+04	8334.97	-28.55	-6.820e+05	4.942e+04	7127.44
6	9	300.00	-2.013e+04	7682.82	83.88	-5.340e+05	5.039e+04	1.109e+04
6	9	301.00	-2.015e+04	7630.33	89.04	-5.433e+05	5.075e+04	1.155e+04
6	9	308.00	-2.013e+04	7048.99	119.74	-6.281e+05	5.354e+04	1.405e+04
6	9	315.00	-1.994e+04	5908.76	165.21	-7.423e+05	5.671e+04	1.534e+04
6	9	320.00	-1.971e+04	4782.22	204.40	-8.407e+05	5.918e+04	1.555e+04
6	9	322.00	-1.337e+04	8579.21	-305.92	-2.242e+06	5.280e+04	3.189e+04
6	9	324.00	-1.236e+04	9881.58	33.79	-2.423e+06	5.610e+04	3.390e+04
6	9	328.00	-1.250e+04	9470.24	61.88	-2.278e+06	6.189e+04	3.597e+04
6	9	329.00	-1.256e+04	9192.64	81.75	-2.235e+06	6.274e+04	3.654e+04
6	9	332.00	-1.293e+04	8423.60	41.89	-2.088e+06	6.467e+04	3.845e+04
6	9	336.00	-1.289e+04	7565.76	-45.63	-1.947e+06	6.651e+04	4.161e+04
6	9	340.00	-1.298e+04	6916.55	-270.52	-1.832e+06	6.846e+04	4.540e+04
6	9	343.00	-1.295e+04	5574.66	-453.71	-1.747e+06	7.034e+04	4.817e+04
6	9	344.00	-1.368e+04	6247.61	-454.41	-1.818e+06	7.227e+04	5.269e+04
6	9	348.00	-1.447e+04	2797.90	-444.29	-1.800e+06	5.795e+04	4.045e+04
6	9	350.00	-1.356e+04	-2657.47	-449.33	-1.604e+06	3.756e+04	1.590e+04
6	9	352.00	-1.362e+04	-2750.58	-455.72	-1.555e+06	4.138e+04	2.184e+04
6	9	356.00	-1.370e+04	-2817.97	-461.38	-1.446e+06	4.860e+04	3.304e+04
6	9	360.00	-1.376e+04	-2801.09	-492.03	-1.323e+06	5.133e+04	4.256e+04
6	9	364.00	-1.374e+04	-2668.46	-517.38	-1.195e+06	6.081e+04	5.115e+04
6	9	368.00	-1.373e+04	-2445.92	-570.82	-1.053e+06	6.539e+04	5.778e+04
6	9	372.00	-1.366e+04	-2064.86	-609.00	-9.080e+05	6.878e+04	6.373e+04
6	9	376.00	-1.365e+04	-1556.04	-682.07	-7.514e+05	7.063e+04	6.727e+04
6	9	380.00	-1.360e+04	-784.47	-716.70	-5.926e+05	7.094e+04	7.054e+04
6	9	384.00	-1.366e+04	160.29	-792.86	-4.254e+05	6.934e+04	7.027e+04
6	9	388.00	-1.376e+04	1547.83	-702.79	-2.570e+05	6.605e+04	7.048e+04
6	9	392.00	-1.313e+04	2504.48	-653.82	-1.112e+05	5.972e+04	6.320e+04
6	9	396.00	-1.031e+04	919.93	98.83	-1.627e+04	4.352e+04	5.433e+04
6	25	0.0	-2.857e+04	412.15	316.86	-3.945e+05	-4.345e+04	-2615.56

6	25	40.00	-2.857e+04	392.43	316.86	-4.163e+05	-2.983e+04	-1.802e+04
6	25	41.00	-2.847e+04	402.56	319.31	-4.373e+05	-2.949e+04	-1.841e+04
6	25	42.00	-2.838e+04	401.97	321.53	-4.528e+05	-2.915e+04	-1.881e+04
6	25	43.00	-2.828e+04	396.92	324.94	-4.640e+05	-2.879e+04	-1.922e+04
6	25	44.00	-2.819e+04	389.72	329.63	-4.707e+05	-2.842e+04	-1.965e+04
6	25	45.00	-2.809e+04	383.86	335.43	-4.729e+05	-2.804e+04	-2.010e+04
6	25	46.00	-2.798e+04	381.86	341.98	-4.704e+05	-2.764e+04	-2.056e+04
6	25	47.00	-2.787e+04	384.82	348.54	-4.626e+05	-2.722e+04	-2.102e+04
6	25	48.00	-2.776e+04	393.42	352.23	-4.493e+05	-2.676e+04	-2.145e+04
6	25	49.00	-2.764e+04	409.09	339.58	-4.299e+05	-2.633e+04	-2.175e+04
6	25	50.00	-2.750e+04	400.14	259.34	-4.024e+05	-2.617e+04	-2.187e+04
6	25	80.00	-2.750e+04	417.86	259.34	-4.236e+05	-1.603e+04	-2.819e+04
6	25	82.00	-2.741e+04	424.63	260.65	-4.448e+05	-1.535e+04	-2.861e+04
6	25	84.00	-2.732e+04	426.17	262.03	-4.604e+05	-1.466e+04	-2.903e+04
6	25	86.00	-2.723e+04	417.49	263.77	-4.709e+05	-1.396e+04	-2.943e+04
6	25	88.00	-2.714e+04	404.84	265.96	-4.775e+05	-1.325e+04	-2.983e+04
6	25	90.00	-2.704e+04	394.81	268.48	-4.797e+05	-1.253e+04	-3.020e+04
6	25	92.00	-2.692e+04	389.71	270.99	-4.771e+05	-1.179e+04	-3.053e+04
6	25	94.00	-2.681e+04	389.04	272.64	-4.691e+05	-1.104e+04	-3.081e+04
6	25	96.00	-2.668e+04	391.11	270.94	-4.551e+05	-1.031e+04	-3.102e+04
6	25	98.00	-2.655e+04	390.61	260.65	-4.346e+05	-9624.53	-3.118e+04
6	25	100.00	-2.642e+04	389.25	240.60	-4.104e+05	-9002.57	-3.128e+04
6	25	120.00	-2.643e+04	431.16	240.60	-4.307e+05	-2174.29	-3.255e+04
6	25	123.00	-2.633e+04	441.93	240.68	-4.539e+05	-1144.98	-3.273e+04
6	25	126.00	-2.627e+04	439.02	240.73	-4.669e+05	-109.92	-3.291e+04
6	25	129.00	-2.619e+04	417.00	240.60	-4.763e+05	931.10	-3.306e+04
6	25	132.00	-2.610e+04	397.55	240.29	-4.834e+05	1976.23	-3.319e+04
6	25	135.00	-2.599e+04	389.12	239.63	-4.864e+05	3023.84	-3.329e+04
6	25	138.00	-2.587e+04	387.82	238.56	-4.842e+05	4071.12	-3.332e+04
6	25	141.00	-2.574e+04	388.35	237.19	-4.766e+05	5111.28	-3.330e+04
6	25	144.00	-2.561e+04	387.03	235.68	-4.634e+05	6133.73	-3.320e+04
6	25	147.00	-2.547e+04	385.17	234.52	-4.440e+05	7133.78	-3.305e+04
6	25	150.00	-2.534e+04	391.31	234.39	-4.193e+05	8120.59	-3.283e+04
6	25	160.00	-2.534e+04	433.21	234.39	-4.345e+05	1.162e+04	-3.212e+04
6	25	164.00	-2.525e+04	460.77	233.29	-4.597e+05	1.303e+04	-3.183e+04
6	25	168.00	-2.524e+04	428.77	231.73	-4.657e+05	1.443e+04	-3.151e+04
6	25	172.00	-2.517e+04	378.74	229.71	-4.762e+05	1.583e+04	-3.119e+04
6	25	176.00	-2.505e+04	370.26	226.99	-4.866e+05	1.722e+04	-3.083e+04
6	25	180.00	-2.492e+04	385.64	223.10	-4.920e+05	1.860e+04	-3.042e+04
6	25	184.00	-2.480e+04	404.89	218.34	-4.919e+05	1.995e+04	-2.994e+04
6	25	188.00	-2.467e+04	417.02	214.00	-4.864e+05	2.128e+04	-2.938e+04
6	25	192.00	-2.454e+04	416.00	213.02	-4.753e+05	2.258e+04	-2.871e+04
6	25	196.00	-2.439e+04	405.49	220.28	-4.569e+05	2.388e+04	-2.794e+04
6	25	200.00	-2.422e+04	417.68	238.15	-4.301e+05	2.522e+04	-2.704e+04
6	25	205.00	-2.421e+04	446.75	237.67	-4.463e+05	2.704e+04	-2.588e+04
6	25	210.00	-2.431e+04	245.91	233.71	-4.361e+05	2.888e+04	-2.472e+04
6	25	215.00	-2.413e+04	240.19	230.34	-4.635e+05	3.070e+04	-2.360e+04
6	25	220.00	-2.397e+04	322.07	225.55	-4.822e+05	3.247e+04	-2.243e+04
6	25	225.00	-2.384e+04	413.45	217.93	-4.931e+05	3.419e+04	-2.119e+04
6	25	230.00	-2.373e+04	488.29	208.44	-4.982e+05	3.587e+04	-1.987e+04
6	25	235.00	-2.362e+04	537.02	198.80	-4.977e+05	3.748e+04	-1.842e+04
6	25	240.00	-2.350e+04	548.43	193.97	-4.905e+05	3.904e+04	-1.679e+04
6	25	245.00	-2.395e+04	-113.97	223.26	-3.496e+05	4.045e+04	-1.479e+04
6	25	246.00	-2.453e+04	-846.03	236.02	-2.295e+05	4.071e+04	-1.403e+04
6	25	250.00	-2.364e+04	-778.41	265.02	-2.891e+05	4.229e+04	-1.228e+04
6	25	252.00	-2.357e+04	-703.42	259.91	-3.060e+05	4.303e+04	-1.147e+04
6	25	258.00	-2.328e+04	-236.07	260.65	-3.585e+05	4.530e+04	-8976.30
6	25	264.00	-2.317e+04	175.95	253.32	-3.854e+05	4.756e+04	-6391.47
6	25	270.00	-2.313e+04	527.56	240.07	-4.036e+05	4.975e+04	-3756.80
6	25	276.00	-2.310e+04	832.12	223.93	-4.163e+05	5.180e+04	-999.74
6	25	280.00	-2.308e+04	1009.20	211.44	-4.213e+05	5.308e+04	933.10
6	25	282.00	-2.342e+04	4316.26	135.37	-3.338e+05	5.565e+04	-100.84
6	25	287.00	-2.153e+04	7179.47	-44.78	-7.134e+05	5.604e+04	1353.21
6	25	288.00	-2.148e+04	7587.02	-46.67	-7.177e+05	5.602e+04	2069.12
6	25	294.00	-2.130e+04	8481.71	-5.25	-7.148e+05	5.588e+04	6072.65
6	25	300.00	-2.061e+04	7808.37	111.39	-5.625e+05	5.702e+04	1.006e+04
6	25	301.00	-2.063e+04	7754.37	116.80	-5.719e+05	5.742e+04	1.052e+04
6	25	308.00	-2.062e+04	7158.11	149.99	-6.580e+05	6.048e+04	1.297e+04
6	25	315.00	-2.043e+04	5988.46	199.83	-7.738e+05	6.396e+04	1.416e+04
6	25	320.00	-2.020e+04	4833.14	243.23	-8.737e+05	6.669e+04	1.425e+04
6	25	322.00	-1.367e+04	8735.51	-293.38	-2.317e+06	5.966e+04	3.152e+04
6	25	324.00	-1.264e+04	1.007e+04	58.42	-2.502e+06	6.282e+04	3.378e+04
6	25	328.00	-1.280e+04	9652.00	83.27	-2.350e+06	6.844e+04	3.624e+04
6	25	329.00	-1.286e+04	9367.37	102.39	-2.306e+06	6.924e+04	3.689e+04
6	25	332.00	-1.325e+04	8582.88	59.64	-2.154e+06	7.104e+04	3.900e+04
6	25	336.00	-1.322e+04	7706.97	-32.59	-2.008e+06	7.270e+04	4.246e+04
6	25	340.00	-1.331e+04	7049.87	-268.55	-1.890e+06	7.450e+04	4.652e+04

6	25	343.00	-1.328e+04	5672.28	-460.28	-1.801e+06	7.629e+04	4.950e+04
6	25	344.00	-1.403e+04	6372.84	-460.87	-1.874e+06	7.824e+04	5.423e+04
6	25	348.00	-1.485e+04	2828.53	-450.31	-1.855e+06	6.311e+04	4.155e+04
6	25	350.00	-1.392e+04	-2798.27	-455.48	-1.652e+06	4.174e+04	1.600e+04
6	25	352.00	-1.398e+04	-2887.08	-462.71	-1.601e+06	4.561e+04	2.224e+04
6	25	356.00	-1.407e+04	-2942.60	-470.09	-1.489e+06	5.292e+04	3.400e+04
6	25	360.00	-1.413e+04	-2911.94	-503.60	-1.362e+06	5.950e+04	4.400e+04
6	25	364.00	-1.412e+04	-2762.38	-531.62	-1.230e+06	6.521e+04	5.304e+04
6	25	368.00	-1.412e+04	-2521.39	-589.21	-1.084e+06	6.977e+04	6.002e+04
6	25	372.00	-1.406e+04	-2117.25	-630.49	-9.346e+05	7.309e+04	6.630e+04
6	25	376.00	-1.405e+04	-1584.03	-708.68	-7.734e+05	7.483e+04	7.004e+04
6	25	380.00	-1.400e+04	-780.39	-745.63	-6.098e+05	7.496e+04	7.351e+04
6	25	384.00	-1.406e+04	196.02	-826.83	-4.378e+05	7.310e+04	7.327e+04
6	25	388.00	-1.417e+04	1627.58	-732.84	-2.644e+05	6.950e+04	7.352e+04
6	25	392.00	-1.351e+04	2603.68	-683.13	-1.145e+05	6.272e+04	6.593e+04
6	25	396.00	-1.061e+04	964.92	104.61	-1.677e+04	4.562e+04	5.672e+04
6	32	0.0	-3.132e+04	287.81	431.40	-5.404e+05	-5.798e+04	-3051.18
6	32	40.00	-3.132e+04	267.65	431.40	-5.576e+05	-3.966e+04	-2.102e+04
6	32	41.00	-3.122e+04	279.21	431.70	-5.785e+05	-3.920e+04	-2.148e+04
6	32	42.00	-3.113e+04	278.41	433.77	-5.939e+05	-3.874e+04	-2.195e+04
6	32	43.00	-3.103e+04	272.50	437.82	-6.048e+05	-3.827e+04	-2.243e+04
6	32	44.00	-3.094e+04	264.18	443.49	-6.113e+05	-3.777e+04	-2.293e+04
6	32	45.00	-3.084e+04	257.38	450.48	-6.134e+05	-3.727e+04	-2.345e+04
6	32	46.00	-3.074e+04	254.95	458.37	-6.107e+05	-3.674e+04	-2.399e+04
6	32	47.00	-3.063e+04	258.13	466.26	-6.028e+05	-3.618e+04	-2.454e+04
6	32	48.00	-3.051e+04	267.70	470.65	-5.892e+05	-3.559e+04	-2.505e+04
6	32	49.00	-3.039e+04	285.37	455.26	-5.697e+05	-3.502e+04	-2.539e+04
6	32	50.00	-3.025e+04	274.37	359.06	-5.416e+05	-3.478e+04	-2.554e+04
6	32	80.00	-3.025e+04	295.15	359.06	-5.601e+05	-2.113e+04	-3.294e+04
6	32	82.00	-3.016e+04	302.53	360.17	-5.811e+05	-2.021e+04	-3.344e+04
6	32	84.00	-3.007e+04	304.13	361.51	-5.963e+05	-1.929e+04	-3.393e+04
6	32	86.00	-2.999e+04	294.19	363.52	-6.062e+05	-1.835e+04	-3.441e+04
6	32	88.00	-2.989e+04	279.76	366.15	-6.123e+05	-1.740e+04	-3.488e+04
6	32	90.00	-2.979e+04	268.30	369.17	-6.143e+05	-1.643e+04	-3.531e+04
6	32	92.00	-2.968e+04	262.44	372.18	-6.112e+05	-1.545e+04	-3.571e+04
6	32	94.00	-2.956e+04	261.63	374.12	-6.028e+05	-1.445e+04	-3.604e+04
6	32	96.00	-2.943e+04	264.02	372.01	-5.885e+05	-1.347e+04	-3.629e+04
6	32	98.00	-2.930e+04	263.59	359.58	-5.674e+05	-1.256e+04	-3.649e+04
6	32	100.00	-2.917e+04	262.19	335.58	-5.429e+05	-1.171e+04	-3.661e+04
6	32	120.00	-2.918e+04	309.81	335.58	-5.622e+05	-2529.86	-3.815e+04
6	32	123.00	-2.908e+04	322.04	335.83	-5.853e+05	-1147.74	-3.838e+04
6	32	126.00	-2.902e+04	318.58	335.99	-5.974e+05	242.07	-3.859e+04
6	32	129.00	-2.895e+04	293.56	335.86	-6.059e+05	1639.89	-3.879e+04
6	32	132.00	-2.886e+04	271.48	335.47	-6.124e+05	3043.22	-3.896e+04
6	32	135.00	-2.874e+04	261.85	334.65	-6.149e+05	4449.59	-3.908e+04
6	32	138.00	-2.862e+04	260.28	333.34	-6.123e+05	5855.26	-3.914e+04
6	32	141.00	-2.849e+04	260.83	331.62	-6.042e+05	7252.02	-3.913e+04
6	32	144.00	-2.836e+04	259.38	329.69	-5.904e+05	8627.26	-3.904e+04
6	32	147.00	-2.822e+04	257.44	328.12	-5.704e+05	9975.49	-3.888e+04
6	32	150.00	-2.808e+04	264.59	327.76	-5.452e+05	1.131e+04	-3.864e+04
6	32	160.00	-2.808e+04	311.94	327.76	-5.607e+05	1.600e+04	-3.786e+04
6	32	164.00	-2.800e+04	343.20	327.23	-5.857e+05	1.788e+04	-3.754e+04
6	32	168.00	-2.800e+04	307.04	325.82	-5.897e+05	1.976e+04	-3.720e+04
6	32	172.00	-2.793e+04	250.58	323.49	-5.993e+05	2.164e+04	-3.684e+04
6	32	176.00	-2.781e+04	240.99	320.16	-6.094e+05	2.351e+04	-3.646e+04
6	32	180.00	-2.768e+04	258.24	315.43	-6.145e+05	2.536e+04	-3.602e+04
6	32	184.00	-2.755e+04	279.78	309.69	-6.139e+05	2.718e+04	-3.550e+04
6	32	188.00	-2.743e+04	293.25	304.40	-6.080e+05	2.897e+04	-3.488e+04
6	32	192.00	-2.729e+04	291.90	303.06	-5.966e+05	3.073e+04	-3.414e+04
6	32	196.00	-2.713e+04	280.01	311.43	-5.775e+05	3.249e+04	-3.328e+04
6	32	200.00	-2.696e+04	294.00	332.35	-5.497e+05	3.429e+04	-3.226e+04
6	32	205.00	-2.696e+04	327.18	333.75	-5.645e+05	3.672e+04	-3.094e+04
6	32	210.00	-2.708e+04	101.20	329.80	-5.500e+05	3.918e+04	-2.965e+04
6	32	215.00	-2.689e+04	94.99	325.59	-5.785e+05	4.160e+04	-2.840e+04
6	32	220.00	-2.673e+04	187.47	319.60	-5.978e+05	4.398e+04	-2.710e+04
6	32	225.00	-2.660e+04	290.38	310.39	-6.089e+05	4.630e+04	-2.574e+04
6	32	230.00	-2.649e+04	374.34	299.03	-6.141e+05	4.855e+04	-2.426e+04
6	32	235.00	-2.638e+04	428.55	287.44	-6.136e+05	5.073e+04	-2.265e+04
6	32	240.00	-2.626e+04	440.41	281.45	-6.064e+05	5.284e+04	-2.082e+04
6	32	245.00	-2.678e+04	-303.56	320.60	-4.471e+05	5.478e+04	-1.856e+04
6	32	246.00	-2.744e+04	-1124.17	336.59	-3.118e+05	5.514e+04	-1.767e+04
6	32	250.00	-2.646e+04	-1051.48	370.52	-3.788e+05	5.725e+04	-1.570e+04
6	32	252.00	-2.638e+04	-966.04	364.38	-3.972e+05	5.824e+04	-1.479e+04
6	32	258.00	-2.607e+04	-439.28	364.00	-4.539e+05	6.127e+04	-1.202e+04
6	32	264.00	-2.596e+04	24.49	354.74	-4.823e+05	6.428e+04	-9145.54
6	32	270.00	-2.592e+04	419.59	338.97	-5.015e+05	6.718e+04	-6209.44
6	32	276.00	-2.591e+04	761.04	319.88	-5.151e+05	6.992e+04	-3127.30

6	32	280.00	-2.589e+04	959.28	305.00	-5.206e+05	7.165e+04	-960.82
6	32	282.00	-2.630e+04	4653.68	216.67	-4.178e+05	7.488e+04	-2311.25
6	32	287.00	-2.417e+04	7869.44	8.02	-8.487e+05	7.564e+04	-929.22
6	32	288.00	-2.412e+04	8328.94	4.97	-8.534e+05	7.567e+04	-151.78
6	32	294.00	-2.393e+04	9334.14	50.28	-8.497e+05	7.578e+04	4241.82
6	32	300.00	-2.317e+04	8563.58	187.05	-6.772e+05	7.739e+04	8675.23
6	32	301.00	-2.320e+04	8502.26	193.46	-6.874e+05	7.791e+04	9177.62
6	32	308.00	-2.321e+04	7830.42	234.79	-7.812e+05	8.189e+04	1.180e+04
6	32	315.00	-2.302e+04	6510.57	298.32	-9.082e+05	8.640e+04	1.292e+04
6	32	320.00	-2.278e+04	5207.51	354.47	-1.018e+06	8.993e+04	1.282e+04
6	32	322.00	-1.535e+04	9633.57	-284.07	-2.660e+06	8.089e+04	3.355e+04
6	32	324.00	-1.419e+04	1.115e+04	121.66	-2.869e+06	8.397e+04	3.659e+04
6	32	328.00	-1.442e+04	1.068e+04	140.33	-2.691e+06	8.967e+04	4.021e+04
6	32	329.00	-1.449e+04	1.036e+04	158.98	-2.640e+06	9.043e+04	4.109e+04
6	32	332.00	-1.495e+04	9492.46	105.55	-2.466e+06	9.207e+04	4.388e+04
6	32	336.00	-1.493e+04	8516.13	-5.42	-2.298e+06	9.351e+04	4.833e+04
6	32	340.00	-1.507e+04	7804.01	-287.95	-2.163e+06	9.514e+04	5.341e+04
6	32	343.00	-1.502e+04	6249.11	-516.40	-2.057e+06	9.689e+04	5.712e+04
6	32	344.00	-1.588e+04	7073.50	-516.33	-2.141e+06	9.909e+04	6.276e+04
6	32	348.00	-1.682e+04	3064.93	-502.40	-2.116e+06	8.075e+04	4.793e+04
6	32	350.00	-1.574e+04	-3375.48	-507.62	-1.881e+06	5.526e+04	1.783e+04
6	32	352.00	-1.582e+04	-3454.81	-517.53	-1.824e+06	5.960e+04	2.531e+04
6	32	356.00	-1.594e+04	-3474.84	-529.88	-1.696e+06	6.777e+04	3.940e+04
6	32	360.00	-1.603e+04	-3398.50	-573.38	-1.552e+06	7.507e+04	5.142e+04
6	32	364.00	-1.605e+04	-3187.46	-610.49	-1.401e+06	8.133e+04	6.228e+04
6	32	368.00	-1.606e+04	-2875.88	-683.34	-1.234e+06	8.626e+04	7.069e+04
6	32	372.00	-1.600e+04	-2378.66	-735.71	-1.064e+06	8.973e+04	7.828e+04
6	32	376.00	-1.599e+04	-1742.24	-833.16	-8.801e+05	9.135e+04	8.282e+04
6	32	380.00	-1.596e+04	-798.49	-878.49	-6.935e+05	9.109e+04	8.705e+04
6	32	384.00	-1.603e+04	324.41	-978.67	-4.979e+05	8.850e+04	8.681e+04
6	32	388.00	-1.615e+04	1962.94	-866.53	-3.005e+05	8.385e+04	8.714e+04
6	32	392.00	-1.538e+04	3045.53	-810.89	-1.302e+05	7.537e+04	7.810e+04
6	32	396.00	-1.208e+04	1153.41	128.93	-1.912e+04	5.464e+04	6.731e+04
6	37	0.0	-2.857e+04	412.15	316.86	-3.945e+05	-4.345e+04	-2615.56
6	37	40.00	-2.857e+04	392.43	316.86	-4.163e+05	-2.983e+04	-1.802e+04
6	37	41.00	-2.847e+04	402.56	319.31	-4.373e+05	-2.949e+04	-1.841e+04
6	37	42.00	-2.838e+04	401.97	321.53	-4.528e+05	-2.915e+04	-1.881e+04
6	37	43.00	-2.828e+04	396.92	324.94	-4.640e+05	-2.879e+04	-1.922e+04
6	37	44.00	-2.819e+04	389.72	329.63	-4.707e+05	-2.842e+04	-1.965e+04
6	37	45.00	-2.809e+04	383.86	335.43	-4.729e+05	-2.804e+04	-2.010e+04
6	37	46.00	-2.798e+04	381.86	341.98	-4.704e+05	-2.764e+04	-2.056e+04
6	37	47.00	-2.787e+04	384.82	348.54	-4.626e+05	-2.722e+04	-2.102e+04
6	37	48.00	-2.776e+04	393.42	352.23	-4.493e+05	-2.676e+04	-2.145e+04
6	37	49.00	-2.764e+04	409.09	339.58	-4.299e+05	-2.633e+04	-2.175e+04
6	37	50.00	-2.750e+04	400.14	259.34	-4.024e+05	-2.617e+04	-2.187e+04
6	37	80.00	-2.750e+04	417.86	259.34	-4.236e+05	-1.603e+04	-2.819e+04
6	37	82.00	-2.741e+04	424.63	260.65	-4.448e+05	-1.535e+04	-2.861e+04
6	37	84.00	-2.732e+04	426.17	262.03	-4.604e+05	-1.466e+04	-2.903e+04
6	37	86.00	-2.723e+04	417.49	263.77	-4.709e+05	-1.396e+04	-2.943e+04
6	37	88.00	-2.714e+04	404.84	265.96	-4.775e+05	-1.325e+04	-2.983e+04
6	37	90.00	-2.704e+04	394.81	268.48	-4.797e+05	-1.253e+04	-3.020e+04
6	37	92.00	-2.692e+04	389.71	270.99	-4.771e+05	-1.179e+04	-3.053e+04
6	37	94.00	-2.681e+04	389.04	272.64	-4.691e+05	-1.104e+04	-3.081e+04
6	37	96.00	-2.668e+04	391.11	270.94	-4.551e+05	-1.031e+04	-3.102e+04
6	37	98.00	-2.655e+04	390.61	260.65	-4.346e+05	-9624.53	-3.118e+04
6	37	100.00	-2.642e+04	389.25	240.60	-4.104e+05	-9002.57	-3.128e+04
6	37	120.00	-2.643e+04	431.16	240.60	-4.307e+05	-2174.29	-3.255e+04
6	37	123.00	-2.633e+04	441.93	240.68	-4.539e+05	-1144.98	-3.273e+04
6	37	126.00	-2.627e+04	439.02	240.73	-4.669e+05	-109.92	-3.291e+04
6	37	129.00	-2.619e+04	417.00	240.60	-4.763e+05	931.10	-3.306e+04
6	37	132.00	-2.610e+04	397.55	240.29	-4.834e+05	1976.23	-3.319e+04
6	37	135.00	-2.599e+04	389.12	239.63	-4.864e+05	3023.84	-3.329e+04
6	37	138.00	-2.587e+04	387.82	238.56	-4.842e+05	4071.12	-3.332e+04
6	37	141.00	-2.574e+04	388.35	237.19	-4.766e+05	5111.28	-3.330e+04
6	37	144.00	-2.561e+04	387.03	235.68	-4.634e+05	6133.73	-3.320e+04
6	37	147.00	-2.547e+04	385.17	234.52	-4.440e+05	7133.78	-3.305e+04
6	37	150.00	-2.534e+04	391.31	234.39	-4.193e+05	8120.59	-3.283e+04
6	37	160.00	-2.534e+04	433.21	234.39	-4.345e+05	1.162e+04	-3.212e+04
6	37	164.00	-2.525e+04	460.77	233.29	-4.597e+05	1.303e+04	-3.183e+04
6	37	168.00	-2.524e+04	428.77	231.73	-4.657e+05	1.443e+04	-3.151e+04
6	37	172.00	-2.517e+04	378.74	229.71	-4.762e+05	1.583e+04	-3.119e+04
6	37	176.00	-2.505e+04	370.26	226.99	-4.866e+05	1.722e+04	-3.083e+04
6	37	180.00	-2.492e+04	385.64	223.10	-4.920e+05	1.860e+04	-3.042e+04
6	37	184.00	-2.480e+04	404.89	218.34	-4.919e+05	1.995e+04	-2.994e+04
6	37	188.00	-2.467e+04	417.02	214.00	-4.864e+05	2.128e+04	-2.938e+04
6	37	192.00	-2.454e+04	416.00	213.02	-4.753e+05	2.258e+04	-2.871e+04
6	37	196.00	-2.439e+04	405.49	220.28	-4.569e+05	2.388e+04	-2.794e+04

6	37	200.00	-2.422e+04	417.68	238.15	-4.301e+05	2.522e+04	-2.704e+04
6	37	205.00	-2.421e+04	446.75	237.67	-4.463e+05	2.704e+04	-2.588e+04
6	37	210.00	-2.431e+04	245.91	233.71	-4.361e+05	2.888e+04	-2.472e+04
6	37	215.00	-2.413e+04	240.19	230.34	-4.635e+05	3.070e+04	-2.360e+04
6	37	220.00	-2.397e+04	322.07	225.55	-4.822e+05	3.247e+04	-2.243e+04
6	37	225.00	-2.384e+04	413.45	217.93	-4.931e+05	3.419e+04	-2.119e+04
6	37	230.00	-2.373e+04	488.29	208.44	-4.982e+05	3.587e+04	-1.987e+04
6	37	235.00	-2.362e+04	537.02	198.80	-4.977e+05	3.748e+04	-1.842e+04
6	37	240.00	-2.350e+04	548.43	193.97	-4.905e+05	3.904e+04	-1.679e+04
6	37	245.00	-2.395e+04	-113.97	223.26	-3.496e+05	4.045e+04	-1.479e+04
6	37	246.00	-2.453e+04	-846.03	236.02	-2.295e+05	4.071e+04	-1.403e+04
6	37	250.00	-2.364e+04	-778.41	265.02	-2.891e+05	4.229e+04	-1.228e+04
6	37	252.00	-2.357e+04	-703.42	259.91	-3.060e+05	4.303e+04	-1.147e+04
6	37	258.00	-2.328e+04	-236.07	260.65	-3.585e+05	4.530e+04	-8976.30
6	37	264.00	-2.317e+04	175.95	253.32	-3.854e+05	4.756e+04	-6391.47
6	37	270.00	-2.313e+04	527.56	240.07	-4.036e+05	4.975e+04	-3756.80
6	37	276.00	-2.310e+04	832.12	223.93	-4.163e+05	5.180e+04	-999.74
6	37	280.00	-2.308e+04	1009.20	211.44	-4.213e+05	5.308e+04	933.10
6	37	282.00	-2.342e+04	4316.26	135.37	-3.338e+05	5.565e+04	-100.84
6	37	287.00	-2.153e+04	7179.47	-44.78	-7.134e+05	5.604e+04	1353.21
6	37	288.00	-2.148e+04	7587.02	-46.67	-7.177e+05	5.602e+04	2069.12
6	37	294.00	-2.130e+04	8481.71	-5.25	-7.148e+05	5.588e+04	6072.65
6	37	300.00	-2.061e+04	7808.37	111.39	-5.625e+05	5.702e+04	1.006e+04
6	37	301.00	-2.063e+04	7754.37	116.80	-5.719e+05	5.742e+04	1.052e+04
6	37	308.00	-2.062e+04	7158.11	149.99	-6.580e+05	6.048e+04	1.297e+04
6	37	315.00	-2.043e+04	5988.46	199.83	-7.738e+05	6.396e+04	1.416e+04
6	37	320.00	-2.020e+04	4833.14	243.23	-8.737e+05	6.669e+04	1.425e+04
6	37	322.00	-1.367e+04	8735.51	-293.38	-2.317e+06	5.966e+04	3.152e+04
6	37	324.00	-1.264e+04	1.007e+04	58.42	-2.502e+06	6.282e+04	3.378e+04
6	37	328.00	-1.280e+04	9652.00	83.27	-2.350e+06	6.844e+04	3.624e+04
6	37	329.00	-1.286e+04	9367.37	102.39	-2.306e+06	6.924e+04	3.689e+04
6	37	332.00	-1.325e+04	8582.88	59.64	-2.154e+06	7.104e+04	3.900e+04
6	37	336.00	-1.322e+04	7706.97	-32.59	-2.008e+06	7.270e+04	4.246e+04
6	37	340.00	-1.331e+04	7049.87	-268.55	-1.890e+06	7.450e+04	4.652e+04
6	37	343.00	-1.328e+04	5672.28	-460.28	-1.801e+06	7.629e+04	4.950e+04
6	37	344.00	-1.403e+04	6372.84	-460.87	-1.874e+06	7.824e+04	5.423e+04
6	37	348.00	-1.485e+04	2828.53	-450.31	-1.855e+06	6.311e+04	4.155e+04
6	37	350.00	-1.392e+04	-2798.27	-455.48	-1.652e+06	4.174e+04	1.600e+04
6	37	352.00	-1.398e+04	-2887.08	-462.71	-1.601e+06	4.561e+04	2.224e+04
6	37	356.00	-1.407e+04	-2942.60	-470.09	-1.489e+06	5.292e+04	3.400e+04
6	37	360.00	-1.413e+04	-2911.94	-503.60	-1.362e+06	5.950e+04	4.400e+04
6	37	364.00	-1.412e+04	-2762.38	-531.62	-1.230e+06	6.521e+04	5.304e+04
6	37	368.00	-1.412e+04	-2521.39	-589.21	-1.084e+06	6.977e+04	6.002e+04
6	37	372.00	-1.406e+04	-2117.25	-630.49	-9.346e+05	7.309e+04	6.630e+04
6	37	376.00	-1.405e+04	-1584.03	-708.68	-7.734e+05	7.483e+04	7.004e+04
6	37	380.00	-1.400e+04	-780.39	-745.63	-6.098e+05	7.496e+04	7.351e+04
6	37	384.00	-1.406e+04	196.02	-826.83	-4.378e+05	7.310e+04	7.327e+04
6	37	388.00	-1.417e+04	1627.58	-732.84	-2.644e+05	6.950e+04	7.352e+04
6	37	392.00	-1.351e+04	2603.68	-683.13	-1.145e+05	6.272e+04	6.593e+04
6	37	396.00	-1.061e+04	964.92	104.61	-1.677e+04	4.562e+04	5.672e+04
M_S			N memb.	V memb.	V orto	M memb.	M orto	T
			-4.179e+04	-4748.36	-1336.61	-3.882e+06	-8.288e+04	-5.324e+04
			-1.031e+04	1.490e+04	673.17	-1.627e+04	1.390e+05	1.190e+05

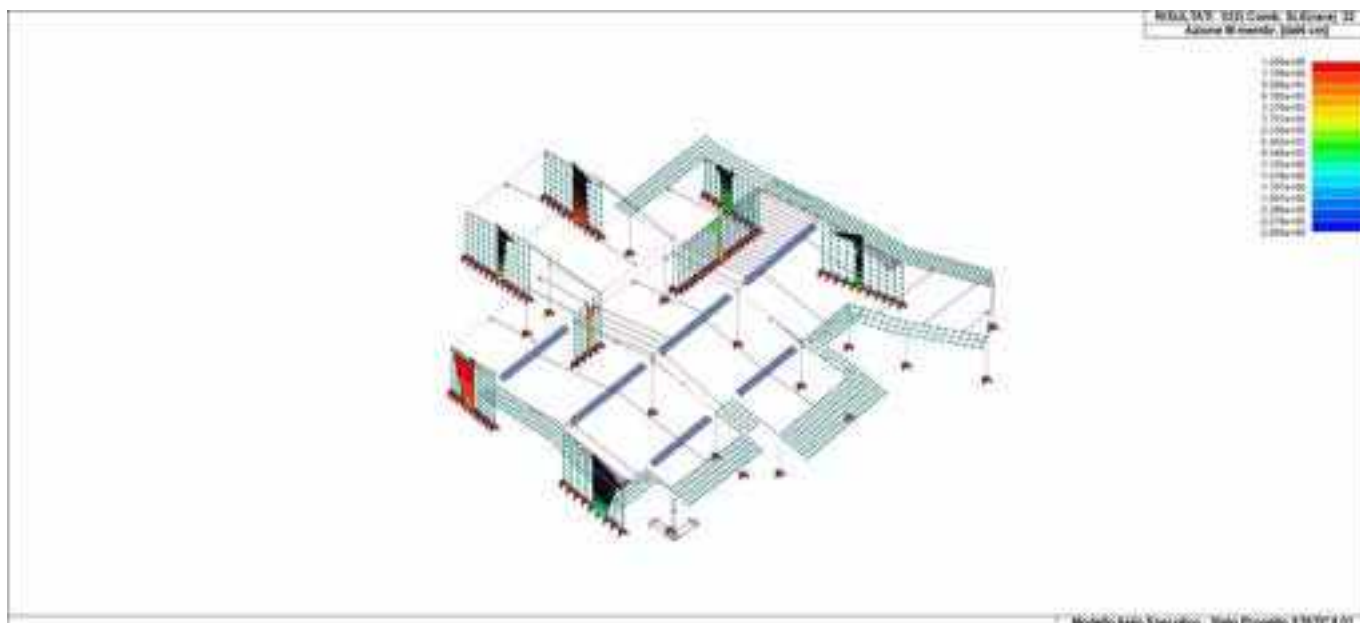
Macro	Tipo	Angolo 1-Z (gradi)
7	Setto	0.0

M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
7	7	0.0	-4.067e+04	532.80	634.85	2.640e+05	-6.853e+04	-73.87
7	7	38.00	-4.067e+04	532.80	634.85	2.843e+05	-4.681e+04	-350.11
7	7	76.00	-4.020e+04	532.80	536.70	3.045e+05	-2.508e+04	-480.67
7	7	114.00	-3.973e+04	532.80	505.50	3.248e+05	-3353.39	-499.91
7	7	152.00	-3.926e+04	532.80	491.20	3.450e+05	1.837e+04	-416.22
7	7	190.00	-3.879e+04	532.80	488.75	3.653e+05	4.010e+04	-122.62
7	7	228.00	-3.832e+04	532.80	503.45	3.855e+05	6.182e+04	716.12
7	7	266.00	-3.785e+04	532.80	536.26	4.059e+05	8.355e+04	2864.97
7	7	304.00	-3.753e+04	4271.41	252.57	5.605e+05	1.053e+05	4607.33
7	7	314.69	-2.689e+04	-555.55	-2933.29	1.053e+06	8.466e+04	7.426e+04
7	7	342.00	-1.950e+04	-5050.36	-5014.83	-7.628e+04	1.065e+04	2.941e+04

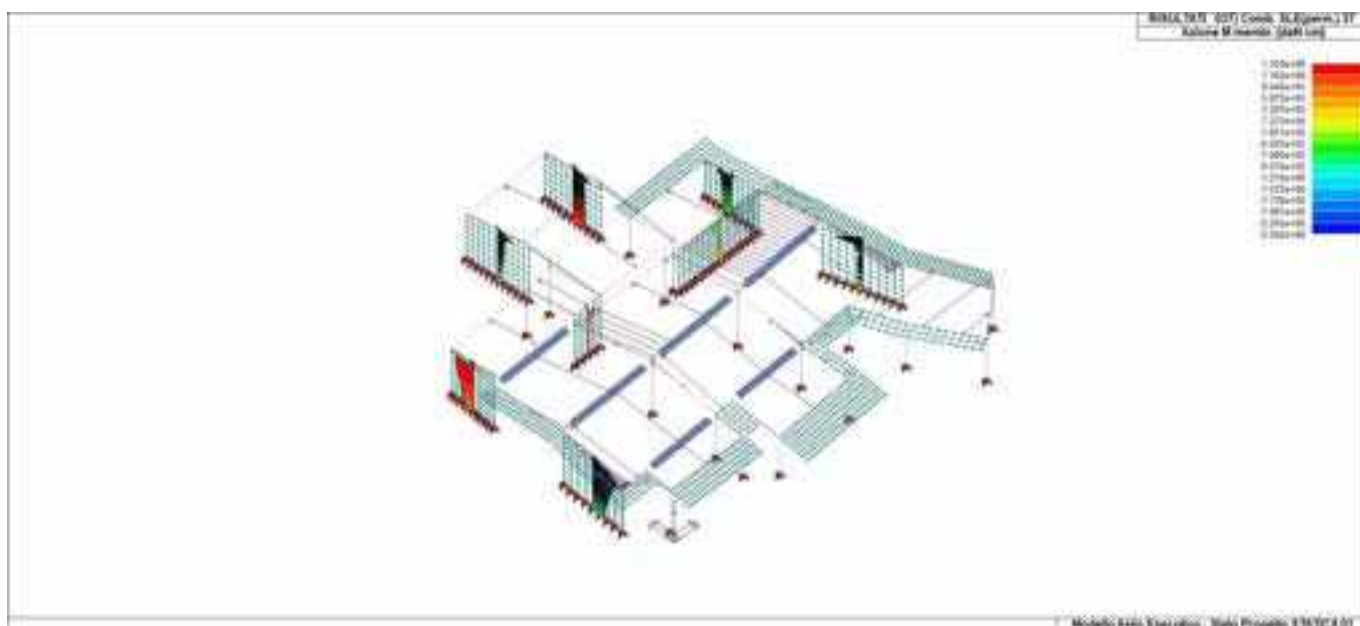
7	7	380.00	-2.063e+04	2901.97	-1266.86	-2.642e+05	-5.805e+04	3966.18
7	9	0.0	-2.600e+04	419.74	408.94	1.566e+05	-4.399e+04	-118.41
7	9	38.00	-2.600e+04	419.74	408.94	1.725e+05	-2.996e+04	-556.46
7	9	76.00	-2.564e+04	419.74	345.57	1.884e+05	-1.592e+04	-765.30
7	9	114.00	-2.528e+04	419.74	325.19	2.044e+05	-1893.91	-809.19
7	9	152.00	-2.492e+04	419.74	315.43	2.204e+05	1.214e+04	-727.25
7	9	190.00	-2.456e+04	419.74	312.97	2.363e+05	2.617e+04	-430.52
7	9	228.00	-2.420e+04	419.74	321.40	2.522e+05	4.020e+04	377.26
7	9	266.00	-2.384e+04	419.74	340.92	2.683e+05	5.423e+04	2422.64
7	9	304.00	-2.357e+04	2741.87	131.53	3.675e+05	6.826e+04	5598.27
7	9	314.69	-1.702e+04	-248.48	-2065.10	6.707e+05	5.464e+04	5.417e+04
7	9	342.00	-1.240e+04	-3071.17	-3639.42	-3.221e+04	4706.62	1.800e+04
7	9	380.00	-1.298e+04	1704.57	-780.19	-1.545e+05	-4.073e+04	1109.36
7	25	0.0	-2.676e+04	418.44	420.40	1.633e+05	-4.525e+04	-109.50
7	25	38.00	-2.676e+04	418.44	420.40	1.792e+05	-3.083e+04	-514.93
7	25	76.00	-2.640e+04	418.44	355.28	1.951e+05	-1.641e+04	-708.09
7	25	114.00	-2.604e+04	418.44	334.37	2.110e+05	-1992.93	-747.77
7	25	152.00	-2.568e+04	418.44	324.43	2.269e+05	1.243e+04	-668.36
7	25	190.00	-2.532e+04	418.44	322.06	2.428e+05	2.684e+04	-381.87
7	25	228.00	-2.496e+04	418.44	330.90	2.587e+05	4.126e+04	402.42
7	25	266.00	-2.460e+04	418.44	351.25	2.746e+05	5.568e+04	2391.09
7	25	304.00	-2.433e+04	2820.48	140.58	3.768e+05	7.009e+04	5301.65
7	25	314.69	-1.755e+04	-274.16	-2092.71	6.908e+05	5.615e+04	5.459e+04
7	25	342.00	-1.277e+04	-3188.46	-3670.91	-3.597e+04	5209.94	1.867e+04
7	25	380.00	-1.340e+04	1780.36	-808.23	-1.615e+05	-4.130e+04	1388.97
7	31	0.0	-3.017e+04	411.86	471.65	1.933e+05	-5.088e+04	-69.78
7	31	38.00	-3.017e+04	411.86	471.65	2.090e+05	-3.473e+04	-329.75
7	31	76.00	-2.981e+04	411.86	398.70	2.246e+05	-1.858e+04	-453.00
7	31	114.00	-2.945e+04	411.86	375.46	2.403e+05	-2435.30	-473.92
7	31	152.00	-2.909e+04	411.86	364.72	2.559e+05	1.371e+04	-405.85
7	31	190.00	-2.873e+04	411.86	362.71	2.716e+05	2.986e+04	-165.10
7	31	228.00	-2.837e+04	411.86	373.42	2.872e+05	4.601e+04	514.29
7	31	266.00	-2.801e+04	411.86	397.45	3.029e+05	6.216e+04	2249.82
7	31	304.00	-2.776e+04	3171.27	181.09	4.178e+05	7.830e+04	3976.19
7	31	314.69	-1.992e+04	-389.80	-2216.15	7.805e+05	6.292e+04	5.650e+04
7	31	342.00	-1.445e+04	-3713.84	-3811.68	-5.314e+04	7461.22	2.165e+04
7	31	380.00	-1.527e+04	2121.50	-933.64	-1.930e+05	-4.383e+04	2642.91
7	37	0.0	-2.676e+04	418.44	420.40	1.633e+05	-4.525e+04	-109.50
7	37	38.00	-2.676e+04	418.44	420.40	1.792e+05	-3.083e+04	-514.93
7	37	76.00	-2.640e+04	418.44	355.28	1.951e+05	-1.641e+04	-708.09
7	37	114.00	-2.604e+04	418.44	334.37	2.110e+05	-1992.93	-747.77
7	37	152.00	-2.568e+04	418.44	324.43	2.269e+05	1.243e+04	-668.36
7	37	190.00	-2.532e+04	418.44	322.06	2.428e+05	2.684e+04	-381.87
7	37	228.00	-2.496e+04	418.44	330.90	2.587e+05	4.126e+04	402.42
7	37	266.00	-2.460e+04	418.44	351.25	2.746e+05	5.568e+04	2391.09
7	37	304.00	-2.433e+04	2820.48	140.58	3.768e+05	7.009e+04	5301.65
7	37	314.69	-1.755e+04	-274.16	-2092.71	6.908e+05	5.615e+04	5.459e+04
7	37	342.00	-1.277e+04	-3188.46	-3670.91	-3.597e+04	5209.94	1.867e+04
7	37	380.00	-1.340e+04	1780.36	-808.23	-1.615e+05	-4.130e+04	1388.97
M_S			N memb.	V memb.	V orto	M memb.	M orto	T
			-4.067e+04	-5050.36	-5014.83	-2.642e+05	-6.853e+04	-809.19
			-1.240e+04	4271.41	634.85	1.053e+06	1.053e+05	7.426e+04

Macro	Tipo	Angolo 1-Z (gradi)
8	Setto	0.0

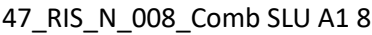
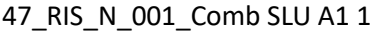
M_S	Cmb	Z	N memb.	V memb.	V orto	M memb.	M orto	T
		cm	daN	daN	daN	daN cm	daN cm	daN cm
8	7	0.0	-2.670e+04	-1148.23	173.60	6.269e+05	-3.342e+04	-554.54
8	7	40.62	-2.693e+04	-1016.18	173.60	5.158e+05	-2.660e+04	-5275.42
8	7	81.25	-2.563e+04	-968.11	176.36	3.891e+05	-1.967e+04	-9287.18
8	7	121.88	-2.441e+04	-968.90	164.74	2.416e+05	-1.322e+04	-1.218e+04
8	7	162.50	-2.327e+04	-1012.52	139.77	6.848e+04	-7441.96	-1.425e+04
8	7	203.12	-2.222e+04	-1092.53	103.82	-1.324e+05	-2480.36	-1.560e+04
8	7	243.75	-2.125e+04	-1211.46	65.69	-3.643e+05	1961.03	-1.614e+04
8	7	284.38	-2.040e+04	-1491.87	27.97	-6.383e+05	8049.55	-1.448e+04
8	7	325.00	-1.846e+04	-431.23	-141.73	-1.071e+06	2.490e+04	1.530e+04
8	9	0.0	-1.779e+04	-869.40	99.80	4.061e+05	-2.041e+04	-316.65
8	9	40.62	-1.793e+04	-787.95	99.80	3.292e+05	-1.647e+04	-3066.31
8	9	81.25	-1.690e+04	-758.90	101.53	2.421e+05	-1.244e+04	-5420.16

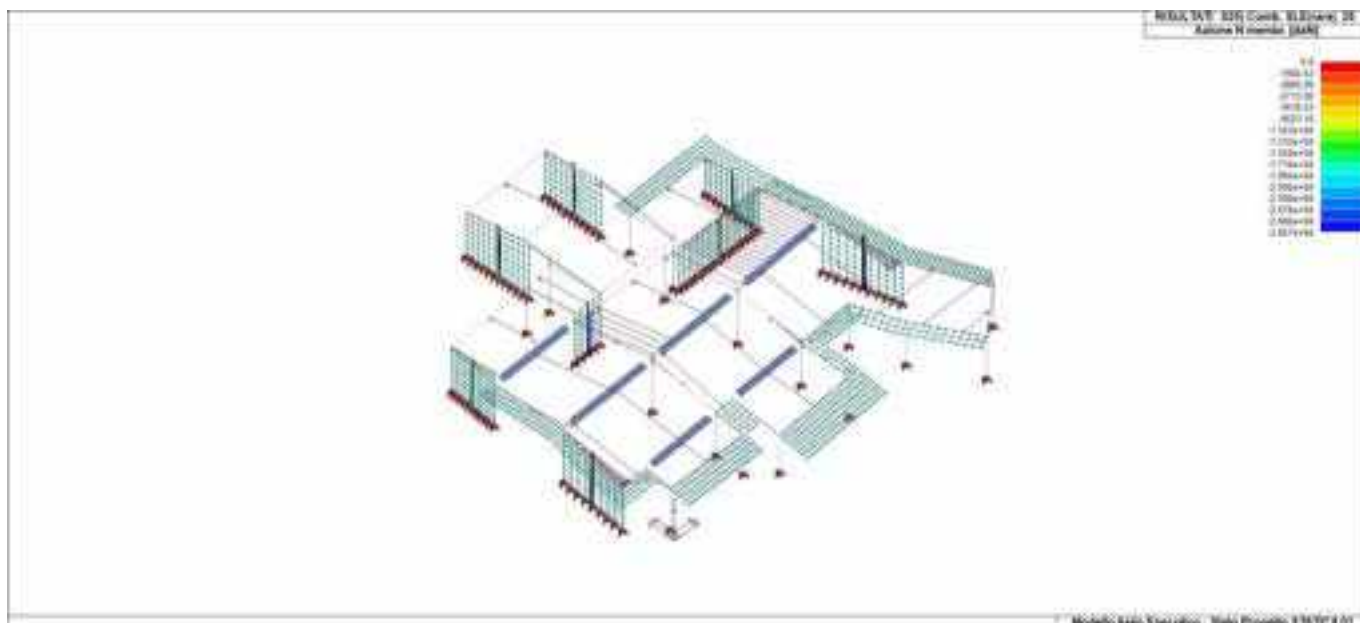


47_RIS_M_032_Comb SLErara 32

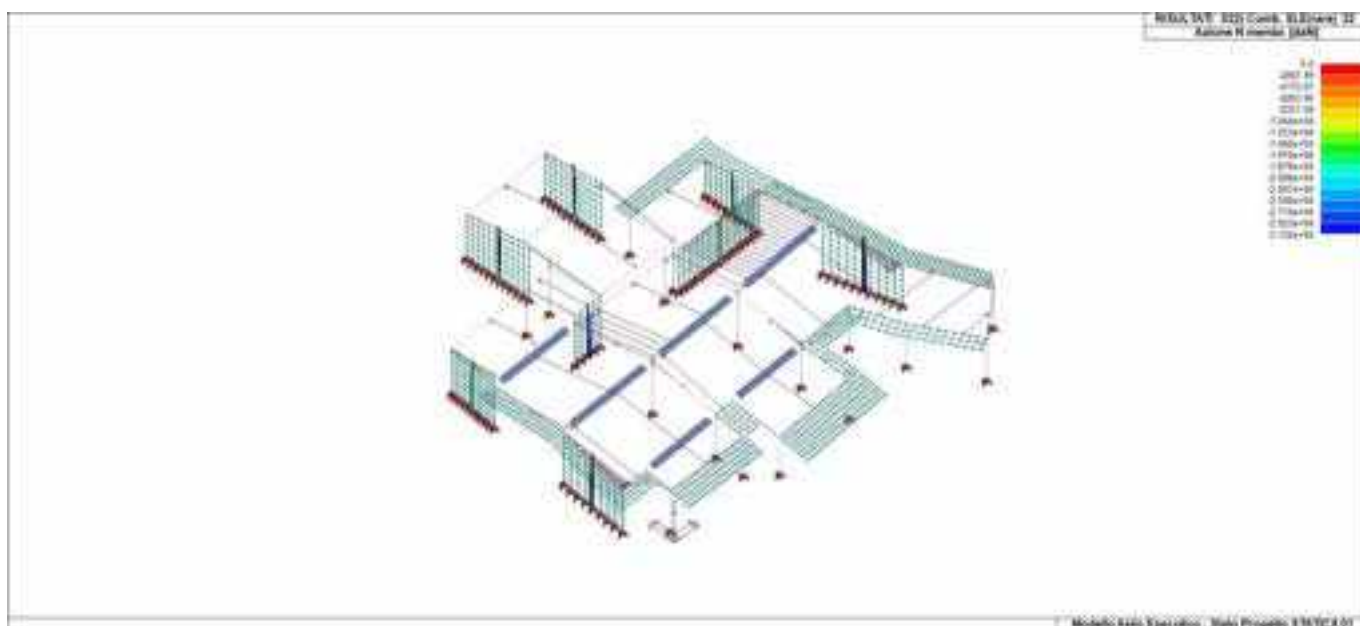


47_RIS_M_037_Comb SLEperm 37

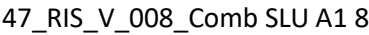
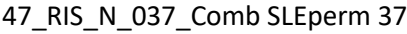


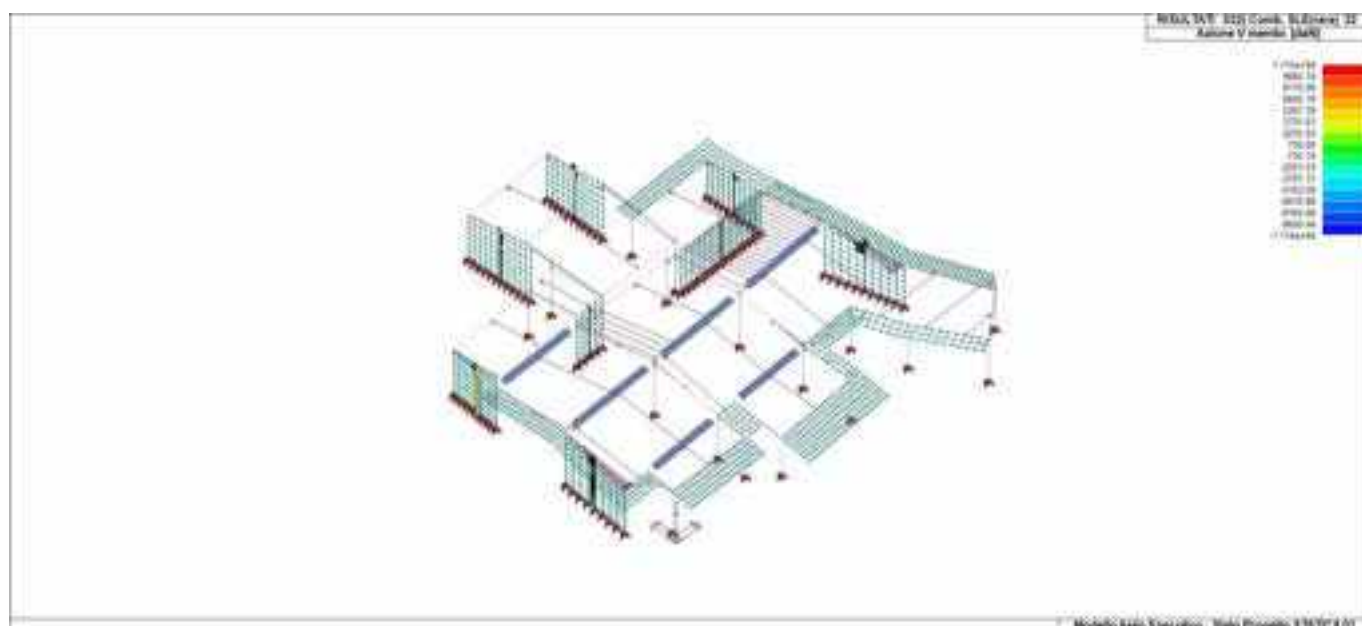


47_RIS_N_025_Comb SLerara 25

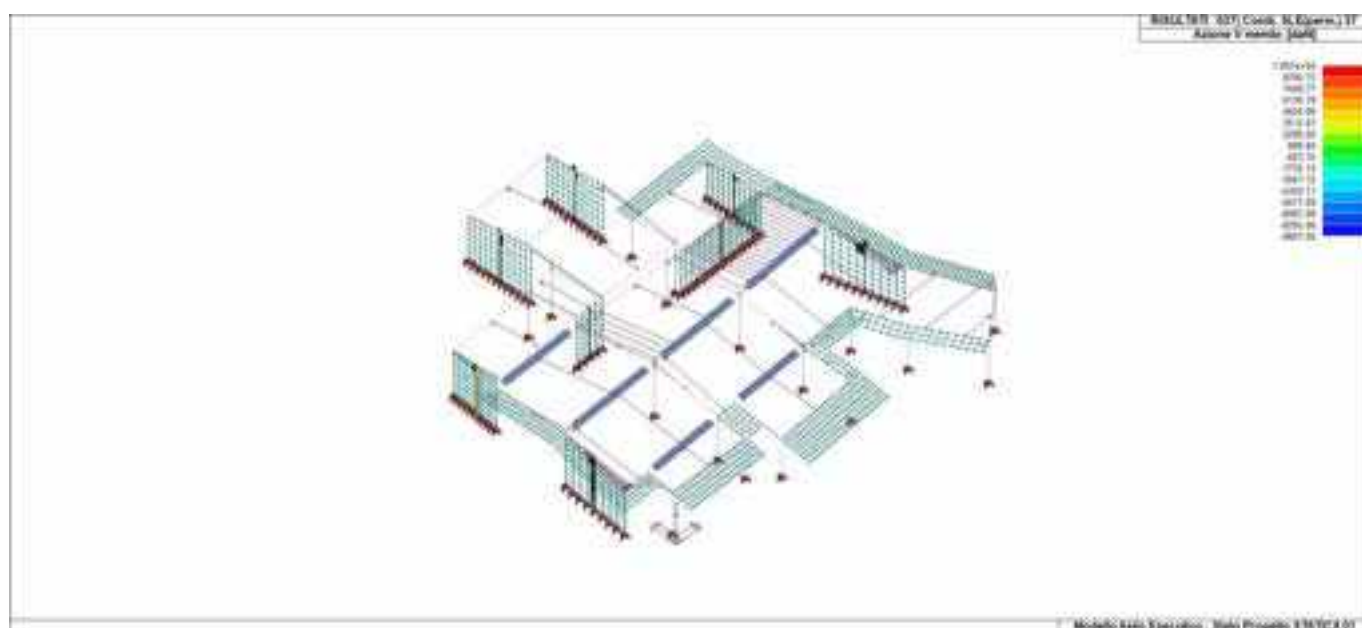


47_RIS_N_032_Comb SLerara 32





47_RIS_V_032_Comb SLErara 32



47_RIS_V_037_Comb SLEperm 37

Macro	Tipo	Angolo 1-X (gradi)
9	Guscio	0.0

M_G	Cmb	Nodo	N max daN/cm	N min daN/cm	N 1 daN/cm	N 2 daN/cm	N 1-2 daN/cm	M max daN	M min daN	M 1 daN	M 2 daN	M 1-2 daN
9	8	28	493.97	-14.51	404.09	75.37	193.97	7153.76	2223.16	6536.78	2840.14	1631.39
9	8	36	121.13	22.29	118.34	25.08	-16.36	2537.25	624.03	1251.11	1910.16	898.06
9	8	38	258.82	24.31	113.15	169.98	-113.76	9742.27	503.72	6755.08	3490.91	-4321.34
9	8	72	48.09	-12.11	-11.95	47.93	-3.10	20.72	-708.53	-585.22	-102.58	-273.34
9	8	87	30.32	0.41	0.90	29.83	-3.79	-24.26	-224.33	-210.44	-38.14	-50.85

9	8	96	30.81	-0.48	-0.48	30.81	1.67e-02	-5.64	-151.22	-125.21	-31.66	-55.77
9	8	105	36.34	-0.83	-0.60	36.11	2.93	9.99	-190.29	-139.35	-40.95	-87.22
9	8	114	45.41	-1.03	-0.38	44.77	5.44	10.43	-295.85	-223.32	-62.11	-130.21
9	8	123	58.43	-1.16	0.11	57.16	8.59	-6.18	-476.65	-385.00	-97.83	-186.33
9	8	132	77.04	-0.88	1.44	74.72	13.25	-43.87	-767.51	-659.00	-152.38	-258.35
9	8	141	106.29	1.12	4.68	102.73	19.02	-133.34	-1292.87	-1197.57	-228.65	-318.48
9	8	150	180.03	-32.55	-30.61	178.09	20.22	-159.39	-3067.90	-3067.64	-159.65	27.37
9	8	854	-1.92	-69.11	-1.94	-69.09	1.28	203.14	-13.01	1.01	189.12	53.23
9	8	855	-2.20	-97.68	-2.21	-97.67	0.84	580.88	-202.84	-45.98	424.01	-313.58
9	8	856	-0.55	-81.45	-0.63	-81.38	2.40	103.36	3.86	6.83	100.38	16.96
9	8	857	8.24e-02	-76.54	1.10e-02	-76.47	2.34	16.48	-73.15	9.30	-65.97	-24.34
9	8	858	0.13	-73.54	8.60e-02	-73.50	1.78	28.59	-211.69	12.58	-195.68	-59.91
9	8	859	9.68e-02	-75.30	6.73e-02	-75.27	1.49	50.15	-310.70	15.28	-275.84	-106.60
9	8	860	8.58e-02	-80.28	6.16e-02	-80.26	1.39	83.76	-402.79	19.49	-338.52	-164.75
9	8	861	8.94e-02	-88.03	6.94e-02	-88.01	1.33	127.95	-490.64	25.32	-388.01	-230.11
9	8	862	5.17e-02	-98.87	3.63e-02	-98.85	1.24	182.76	-537.79	31.63	-386.66	-293.35
9	8	863	-0.24	-111.33	-0.26	-111.31	1.50	262.22	-470.42	31.81	-240.01	-340.17
9	8	864	-0.89	-114.44	-0.98	-114.35	3.18	427.54	-319.84	28.43	79.26	-372.83
9	8	865	37.09	-28.16	14.47	-5.54	31.05	964.10	69.31	134.78	898.64	-233.00
9	8	866	15.48	-43.71	3.44	-31.67	23.83	979.93	-143.76	156.61	679.56	-497.29
9	8	867	18.70	-34.51	11.01	-26.82	-18.71	338.57	-119.18	-102.61	322.01	85.48
9	8	868	46.99	-19.96	36.65	-9.62	-24.19	653.04	-125.88	-125.38	652.54	-19.84
9	8	869	43.09	20.44	25.48	38.05	-9.42	1390.60	-840.82	254.25	295.53	-1115.52
9	8	870	35.44	2.72	2.73	35.43	-0.73	533.64	-1117.14	-334.57	-248.93	-824.28
9	8	871	22.19	-1.01	-0.99	22.17	-0.56	318.81	-964.36	-390.01	-255.54	-638.05
9	8	872	11.99	-1.45	-1.40	11.95	-0.79	208.68	-737.17	-319.21	-209.28	-469.72
9	8	873	5.24	-1.45	-1.35	5.14	-0.81	126.40	-533.08	-242.42	-164.27	-327.42
9	8	874	1.26	-1.75	-1.58	1.09	-0.69	56.38	-370.08	-186.16	-127.54	-211.21
9	8	875	9.74e-02	-2.50	-2.30	-9.84e-02	-0.69	2.59	-244.47	-148.23	-93.66	-120.48
9	8	876	2.77	-2.82	-2.67	2.62	-0.90	6.84	-136.86	-97.35	-32.68	-64.16
9	8	877	15.50	2.85	13.74	4.61	4.38	335.84	16.59	25.01	327.41	-51.17
9	8	878	7.69	-39.40	7.05	-38.75	5.47	882.33	-668.24	70.83	143.26	-774.44
9	8	879	2.75	-38.10	2.28	-37.63	-4.36	571.50	-867.70	-52.43	-243.77	-713.21
9	8	880	0.35	-38.61	-0.29	-37.97	-4.96	401.71	-882.88	-128.36	-352.81	-632.42
9	8	881	-0.23	-38.47	-0.59	-38.11	-3.69	267.83	-742.20	-141.09	-333.28	-495.79
9	8	882	-0.40	-37.96	-0.55	-37.81	-2.35	159.40	-567.52	-126.31	-281.82	-355.04
9	8	883	-0.69	-37.33	-0.71	-37.30	-0.99	73.74	-405.11	-104.95	-226.42	-231.59
9	8	884	-1.17	-36.55	-1.19	-36.53	0.78	19.77	-261.78	-81.28	-160.73	-135.06
9	8	885	-0.63	-35.45	-0.89	-35.19	3.00	25.60	-127.64	-57.84	-44.20	-76.31
9	8	886	4.32	-34.05	4.32	-34.05	6.57e-02	177.44	-73.08	-73.05	177.40	-2.96
9	8	887	44.29	-38.16	4.29	1.84	-41.21	489.72	-201.67	251.18	36.87	328.67
9	8	888	30.91	-48.81	-1.80	-16.10	-39.21	252.33	-450.16	55.49	-253.33	315.48
9	8	889	24.04	-58.11	-0.19	-33.87	-37.46	202.34	-593.18	23.80	-414.64	331.90
9	8	890	19.46	-68.60	0.57	-49.71	-36.15	207.75	-652.03	33.55	-477.83	345.58
9	8	891	12.47	-79.87	-0.92	-66.48	-32.51	273.97	-611.54	87.05	-424.62	361.36
9	8	892	3.94	-92.01	-6.57	-81.50	-29.96	434.02	-475.27	222.86	-264.10	383.95
9	8	893	-13.17	-103.95	-19.94	-97.19	-23.84	820.10	-201.73	577.71	40.66	434.66
9	8	894	-30.56	-112.56	-36.72	-106.41	-21.60	1644.10	259.38	1386.78	516.71	538.61
9	8	895	20.52	-134.51	16.28	-130.28	25.26	3768.04	1136.39	3450.87	1453.56	856.78
9	8	896	0.13	-11.64	0.12	-11.63	-0.24	107.84	-61.21	-1.88	48.51	80.68
9	8	897	52.97	-3.40e-02	0.17	52.77	-3.24	53.09	-310.76	-5.08	-252.58	133.36
9	8	898	110.75	0.16	0.34	110.56	-4.51	25.54	-476.48	-2.96	-447.98	116.15
9	8	899	163.42	3.17e-02	0.34	163.11	-7.04	22.62	-523.41	-10.40	-490.39	130.15
9	8	900	215.31	0.11	0.44	214.98	-8.43	22.23	-430.74	-5.17	-403.35	107.98
9	8	901	264.37	0.22	0.67	263.92	-10.92	24.34	-187.00	-12.36	-150.29	80.06
9	8	902	303.32	0.61	1.09	302.83	-12.14	261.88	-16.02	-16.01	261.87	0.65
9	8	903	310.41	0.70	1.12	310.00	-11.36	778.72	-47.97	-25.08	755.83	-135.65
9	8	904	315.60	6.75	11.67	310.69	-38.65	623.32	-71.42	35.07	516.84	-250.28
9	8	905	9.30	-153.16	-49.78	-94.08	78.15	4954.15	1724.77	4675.70	2003.22	906.47
9	8	906	6.60	-106.98	-10.16	-90.22	-40.29	2806.77	760.10	2530.58	1036.29	699.28
9	8	907	-20.12	-106.47	-26.35	-100.23	-22.34	1010.81	-78.04	766.24	166.53	454.41
9	8	908	-4.89	-100.47	-14.16	-91.19	-28.30	651.73	-313.33	422.48	-84.08	410.71
9	8	909	10.43	-83.34	-2.28	-70.63	-32.10	313.33	-577.69	120.77	-385.13	366.73
9	8	910	16.69	-76.84	0.15	-60.30	-35.68	244.11	-636.79	64.04	-456.72	355.24
9	8	911	22.79	-61.25	0.15	-38.62	-37.28	197.99	-623.35	23.22	-448.58	336.16
9	8	912	27.38	-55.32	-0.57	-27.37	-39.12	210.41	-556.47	28.72	-374.77	326.08
9	8	913	38.04	-41.77	0.36	-4.09	-39.84	379.00	-294.44	157.77	-73.22	316.29
9	8	914	53.13	-34.43	5.61	13.09	-43.62	818.03	-58.24	542.62	217.17	406.80
9	8	915	-0.54	-42.91	-0.54	-42.91	-0.28	253.39	-44.11	2.83	206.44	108.45
9	8	916	21.19	8.60e-02	0.27	21.00	-1.97	67.05	-191.43	-20.73	-103.65	122.41
9	8	917	82.82	0.11	0.30	82.63	-3.97	41.53	-410.11	1.35	-369.93	128.58
9	8	918	137.21	-2.29e-02	0.24	136.94	-6.01	17.51	-512.42	-10.77	-484.15	119.10
9	8	919	189.48	-1.99e-03	0.34	189.14	-8.06	28.74	-498.11	-3.90	-465.47	127.01
9	8	920	240.28	2.61e-02	0.46	239.85	-10.22	16.41	-323.83	-11.89	-295.53	93.95
9	8	921	286.28	0.32	0.81	285.79	-11.80	63.66	-41.15	-12.42	34.94	46.75
9	8	922	312.44	0.78	1.24	311.97	-12.05	521.46	-26.08	-19.18	514.57	-61.04
9	8	923	300.25	-0.17	0.20	299.88	-10.58	941.65	-90.99	-44.50	895.15	-214.13

9	8	924	172.47	18.09	19.11	171.45	12.49	828.22	139.64	310.70	657.16	-297.53
9	8	925	146.17	26.17	57.58	114.77	52.75	1562.70	1070.16	1284.01	1348.85	-244.13
9	8	926	302.13	-143.18	278.08	-119.13	100.66	4579.10	3036.38	4563.65	3051.83	153.60
9	8	927	20.78	-23.67	1.53	-4.41	-22.03	331.53	-298.30	-31.13	64.36	311.27
9	8	928	52.84	-43.74	2.50	6.60	-48.24	453.45	-340.07	116.20	-2.82	392.27
9	8	929	38.59	-23.97	1.88	12.75	-30.81	300.66	-389.37	-19.26	-69.45	344.10
9	8	930	159.57	-2.76	1.70	155.10	-26.55	169.95	-543.18	8.41	-381.63	298.51
9	8	931	203.56	-4.08	-2.15	201.63	-19.92	232.51	199.73	199.92	232.33	2.45
9	8	932	87.81	-5.76	1.57	80.48	-25.14	167.07	-622.04	-21.94	-433.03	336.79
9	8	933	102.45	-4.83	1.61	96.00	-25.49	161.00	-650.43	-18.10	-471.32	336.53
9	8	934	210.15	-4.62	-3.93	209.47	-12.12	571.79	192.36	282.72	481.43	-161.62
9	8	935	195.42	-3.31	-0.24	192.36	-24.49	206.99	-71.88	124.26	10.84	127.38
9	8	936	211.12	-4.50	-4.46	211.07	-3.17	943.94	153.53	372.76	724.71	-353.86
9	8	937	173.77	-2.70	1.32	169.75	-26.33	181.87	-446.74	33.19	-298.07	267.12
9	8	938	134.18	-4.05	1.87	128.27	-27.98	167.32	-622.73	-3.69	-451.72	325.37
9	8	939	66.59	-10.75	1.38	54.46	-28.13	195.47	-566.74	-19.92	-351.35	343.19
9	8	940	116.12	-4.74	1.93	109.44	-27.61	162.56	-656.54	-13.40	-480.58	336.40
9	8	941	50.04	-18.12	1.44	30.48	-30.83	245.78	-478.80	-15.43	-217.59	347.90
9	8	942	181.74	-3.07	0.94	177.72	-26.94	198.98	-291.58	74.56	-167.16	213.44
9	8	943	24.65	-38.33	-31.53	17.85	-19.55	1188.98	345.30	1142.06	392.23	193.35
9	8	944	25.83	-38.46	-19.59	6.96	-29.27	804.04	16.46	703.67	116.82	262.62
9	8	945	30.54	-37.57	-9.82	2.79	-33.46	550.19	-235.94	412.34	-98.10	298.93
9	8	946	38.63	-37.18	-3.36	4.80	-37.68	387.11	-427.76	228.51	-269.16	322.62
9	8	947	48.61	-39.93	1.51	7.17	-44.18	187.79	-642.23	3.88	-458.32	344.71
9	8	948	45.83	-39.71	1.90	4.22	-42.75	193.71	-662.42	17.21	-485.92	346.34
9	8	949	47.93	-44.39	-0.68	4.21	-46.09	287.14	-469.26	48.74	-230.85	351.41
9	8	950	46.01	-43.12	0.27	2.62	-44.55	214.47	-574.69	13.13	-373.35	344.02
9	8	951	44.90	-36.94	0.17	7.80	-40.74	283.69	-561.19	115.37	-392.87	337.46
9	8	952	44.42	-38.35	1.55	4.53	-41.36	224.37	-636.49	51.11	-463.23	345.15
9	8	953	61.52	-38.55	21.32	1.65	-49.05	753.29	-253.69	80.21	419.39	474.07
9	8	954	26.85	-35.94	5.79	-14.88	-29.65	431.44	-265.07	-69.65	236.02	312.92
9	8	955	204.59	6.78	6.84	204.54	3.36	1227.13	81.66	439.40	869.40	-530.85
9	8	956	80.14	20.91	57.97	43.08	28.66	2920.45	1235.75	2920.41	1235.79	8.55
9	8	957	116.71	-17.77	-16.33	115.26	-13.87	751.21	387.13	734.30	404.04	-76.63
9	8	958	53.07	-34.47	0.67	17.94	-42.91	263.09	-473.56	12.65	-223.13	348.95
9	8	959	59.28	-28.03	1.12	30.12	-41.18	196.24	-572.03	-4.19	-371.60	337.36
9	8	960	86.26	-16.05	2.19	68.02	-39.16	187.82	-618.28	29.57	-460.04	320.19
9	8	961	106.60	-14.25	-4.83	97.18	-32.41	376.04	-135.53	305.58	-65.07	176.29
9	8	962	101.96	-13.80	-0.83	88.99	-36.50	290.02	-358.10	173.30	-241.38	249.05
9	8	963	77.00	-18.72	2.30	55.97	-39.63	168.27	-653.36	1.54	-486.63	330.44
9	8	964	122.51	-14.99	-14.96	122.48	1.95	1193.05	552.18	1058.89	686.34	-260.73
9	8	965	48.11	-37.73	3.25	7.12	-42.88	380.68	-357.28	12.15	11.25	368.98
9	8	966	112.00	-15.80	-10.58	106.79	-25.28	500.28	138.50	486.57	152.21	69.08
9	8	967	37.20	-40.79	-40.02	36.44	7.68	1823.93	723.14	1810.81	736.25	119.43
9	8	968	134.38	-6.27	-5.57	133.68	9.90	1733.39	731.94	1420.88	1044.45	-464.01
9	8	969	101.78	-12.51	1.63	87.65	-37.63	218.90	-518.76	76.40	-376.25	291.22
9	8	970	70.89	-19.84	2.04	49.00	-38.82	165.75	-636.82	-11.47	-459.60	332.91
9	22	28	457.42	-4.84	377.34	75.24	174.94	6568.81	2085.93	5974.32	2680.42	1520.39
9	22	36	106.78	13.85	105.38	15.25	-11.31	2532.94	729.98	1272.04	1990.89	826.73
9	22	38	254.35	19.79	108.23	165.91	-113.68	9780.66	799.84	6733.65	3846.85	-4252.10
9	22	72	39.40	-14.22	-13.99	39.17	-3.51	105.76	-521.10	-366.48	-48.86	-270.22
9	22	87	24.27	-2.84e-02	0.39	23.85	-3.16	2.49	-143.54	-122.34	-18.71	-51.44
9	22	96	25.62	-0.57	-0.57	25.62	0.25	15.93	-105.04	-68.89	-20.22	-55.38
9	22	105	31.87	-0.93	-0.68	31.61	2.86	28.52	-153.17	-92.91	-31.74	-85.54
9	22	114	41.53	-1.12	-0.49	40.89	5.17	25.72	-258.24	-179.30	-53.22	-127.22
9	22	123	55.03	-1.23	-1.80e-02	53.82	8.17	6.93	-434.78	-339.61	-88.24	-181.60
9	22	132	74.06	-0.92	1.30	71.84	12.69	-31.86	-717.73	-608.61	-140.99	-250.87
9	22	141	103.70	1.18	4.58	100.31	18.34	-121.51	-1225.57	-1133.09	-213.99	-305.86
9	22	150	177.78	-31.59	-29.78	175.96	19.40	-145.73	-2934.25	-2932.93	-147.05	60.54
9	22	854	-1.65	-57.24	-1.67	-57.22	1.09	240.88	-5.48	0.66	234.74	38.41
9	22	855	-2.13	-93.73	-2.14	-93.72	0.71	619.84	-185.07	-44.99	479.76	-305.17
9	22	856	-0.42	-67.12	-0.48	-67.06	2.05	160.11	5.56	5.57	160.10	-1.58
9	22	857	8.90e-02	-63.44	3.12e-02	-63.38	1.92	35.47	-46.92	8.61	-20.06	-38.62
9	22	858	0.12	-62.06	8.46e-02	-62.02	1.45	35.46	-188.86	12.19	-165.58	-68.40
9	22	859	9.29e-02	-64.94	6.97e-02	-64.92	1.23	53.95	-294.80	14.97	-255.82	-109.89
9	22	860	8.62e-02	-70.82	6.72e-02	-70.80	1.16	85.07	-388.19	19.09	-322.22	-163.93
9	22	861	9.20e-02	-79.41	7.65e-02	-79.39	1.11	127.23	-472.37	24.76	-369.90	-225.70
9	22	862	5.59e-02	-91.10	4.39e-02	-91.09	1.04	181.02	-511.17	30.81	-360.96	-285.33
9	22	863	-0.23	-104.45	-0.25	-104.44	1.32	263.77	-433.39	30.64	-200.26	-328.91
9	22	864	-0.88	-108.73	-0.96	-108.65	2.96	445.90	-284.02	27.15	134.73	-360.97
9	22	865	36.02	-25.47	14.32	-3.76	29.39	1004.25	66.62	114.86	956.00	-207.15
9	22	866	15.18	-40.42	3.68	-28.91	22.52	1006.85	-124.02	147.22	735.62	-482.87
9	22	867	15.83	-28.58	9.54	-22.29	-15.49	374.32	-102.17	-93.60	365.76	63.30
9	22	868	38.79	-16.94	31.20	-9.35	-19.12	709.82	-99.83	-97.75	707.74	-41.02
9	22	869	43.80	19.62	24.92	38.50	-10.01	1378.53	-726.81	284.80	366.92	-1051.87
9	22	870	36.02	2.61	2.69	35.94	-1.64	532.27	-1051.12	-296.90	-221.95	-790.80
9	22	871	22.81	-1.10	-1.02	22.73	-1.39	323.12	-921.44	-358.21	-240.11	-619.47

9	22	872	12.65	-1.59	-1.42	12.48	-1.53	217.06	-706.47	-290.95	-198.46	-459.45
9	22	873	5.88	-1.64	-1.34	5.58	-1.48	139.77	-509.16	-214.46	-154.93	-323.10
9	22	874	1.82	-1.99	-1.50	1.32	-1.28	78.05	-349.64	-154.52	-117.07	-213.02
9	22	875	0.28	-2.67	-2.09	-0.31	-1.18	39.38	-224.94	-107.28	-78.28	-131.36
9	22	876	1.86	-2.84	-2.46	1.49	-1.28	71.21	-116.45	-40.74	-4.50	-92.06
9	22	877	11.79	1.76	10.32	3.23	3.55	424.03	47.46	85.02	386.47	-112.83
9	22	878	7.30	-35.97	6.83	-35.50	4.52	881.63	-606.32	71.92	203.39	-741.06
9	22	879	2.96	-34.71	2.26	-34.00	-5.09	565.07	-812.79	-41.35	-206.37	-683.97
9	22	880	0.65	-34.80	-0.28	-33.87	-5.66	399.44	-845.99	-116.14	-330.41	-613.43
9	22	881	4.65e-04	-34.15	-0.57	-33.58	-4.37	270.62	-718.32	-129.63	-318.07	-485.41
9	22	882	-0.24	-33.18	-0.52	-32.91	-3.02	169.00	-552.11	-114.51	-268.61	-352.23
9	22	883	-0.54	-32.16	-0.64	-32.06	-1.71	93.85	-395.38	-90.90	-210.62	-237.18
9	22	884	-1.03	-31.05	-1.03	-31.05	-7.76e-02	56.30	-256.20	-63.30	-136.60	-151.89
9	22	885	-0.76	-29.71	-0.89	-29.58	1.98	88.04	-129.64	-37.47	-4.13	-107.55
9	22	886	3.31	-28.33	3.31	-28.33	6.11e-02	242.13	-65.21	-58.40	235.32	-45.24
9	22	887	37.28	-34.05	4.16	-0.92	-35.57	456.05	-166.62	245.52	43.91	294.57
9	22	888	25.57	-43.53	-1.54	-16.42	-33.74	227.41	-429.54	61.81	-263.95	285.25
9	22	889	19.85	-51.78	-0.25	-31.68	-32.19	180.49	-589.08	31.68	-440.27	303.93
9	22	890	16.04	-60.95	0.36	-45.26	-31.01	185.67	-660.04	39.79	-514.15	319.52
9	22	891	10.02	-70.65	-1.05	-59.59	-27.75	245.84	-625.55	87.25	-466.96	336.22
9	22	892	2.37	-81.04	-6.25	-72.42	-25.39	392.79	-491.83	209.38	-308.42	358.63
9	22	893	-13.13	-91.22	-18.60	-85.75	-19.92	747.33	-223.10	528.43	-4.19	405.60
9	22	894	-29.05	-98.43	-34.14	-93.34	-18.09	1500.56	226.64	1258.88	468.31	499.47
9	22	895	19.25	-118.16	15.14	-114.05	23.40	3436.78	1072.33	3137.82	1371.29	785.81
9	22	896	0.11	-8.39	0.11	-8.38	-0.25	98.92	-49.03	-1.39	51.28	69.13
9	22	897	47.41	-3.03e-02	0.14	47.24	-2.86	41.11	-317.33	-3.89	-272.33	118.77
9	22	898	97.41	0.14	0.30	97.25	-3.94	20.51	-505.40	-2.20	-482.69	106.90
9	22	899	142.91	3.01e-02	0.29	142.64	-6.13	17.97	-564.39	-8.93	-537.50	122.23
9	22	900	187.68	9.82e-02	0.38	187.39	-7.33	18.44	-481.99	-4.37	-459.18	104.38
9	22	901	229.84	0.20	0.59	229.45	-9.47	17.30	-243.18	-11.19	-214.69	81.29
9	22	902	262.59	0.57	0.99	262.17	-10.48	190.91	-15.17	-14.60	190.35	10.78
9	22	903	265.42	0.70	1.04	265.08	-9.56	707.44	-40.71	-23.34	690.07	-112.66
9	22	904	260.43	5.44	9.38	256.48	-31.46	668.33	-45.68	47.51	575.14	-240.53
9	22	905	11.09	-135.92	-43.77	-81.05	71.10	4512.50	1631.87	4251.37	1893.00	827.06
9	22	906	5.26	-93.17	-9.80	-78.10	-35.44	2558.67	712.75	2297.74	973.68	643.09
9	22	907	-19.51	-93.35	-24.53	-88.33	-18.57	922.84	-101.98	698.48	122.38	423.78
9	22	908	-5.71	-88.23	-13.29	-80.66	-23.83	593.01	-332.20	388.90	-128.08	383.65
9	22	909	8.20	-73.64	-2.29	-63.15	-27.36	282.14	-592.91	117.64	-428.41	341.89
9	22	910	13.67	-68.07	-6.55e-02	-54.33	-30.56	218.85	-649.47	66.85	-497.47	329.97
9	22	911	18.82	-54.56	3.37e-02	-35.77	-32.03	176.58	-624.02	30.83	-478.28	308.94
9	22	912	22.67	-49.34	-0.56	-26.11	-33.66	188.17	-547.46	36.65	-395.94	297.50
9	22	913	31.73	-37.25	0.55	-6.07	-34.33	348.15	-263.71	157.02	-72.58	283.57
9	22	914	44.94	-31.00	5.12	8.82	-37.93	768.03	-22.39	520.06	225.58	366.76
9	22	915	-0.50	-35.12	-0.50	-35.12	-0.27	249.26	-28.56	3.10	217.60	88.28
9	22	916	19.93	7.33e-02	0.23	19.77	-1.76	51.64	-183.52	-17.63	-114.25	107.19
9	22	917	73.25	9.74e-02	0.26	73.08	-3.48	33.27	-428.92	1.81	-397.47	116.40
9	22	918	120.27	-1.63e-02	0.21	120.04	-5.25	13.48	-548.55	-9.29	-525.79	110.79
9	22	919	165.40	1.44e-03	0.30	165.10	-7.01	23.92	-544.06	-3.03	-517.11	120.75
9	22	920	209.17	2.96e-02	0.41	208.79	-8.88	12.48	-379.04	-10.75	-355.82	92.49
9	22	921	248.47	0.30	0.72	248.05	-10.22	30.73	-75.28	-11.22	-33.33	51.84
9	22	922	269.29	0.73	1.13	268.89	-10.32	446.70	-21.89	-17.54	442.35	-44.94
9	22	923	253.11	-4.77e-02	0.25	252.81	-8.63	883.11	-79.00	-44.02	848.12	-180.10
9	22	924	146.23	14.22	15.72	144.73	14.00	849.04	159.25	314.29	693.99	-287.94
9	22	925	131.14	22.03	53.26	99.91	49.32	1481.67	995.55	1182.18	1295.04	-236.42
9	22	926	278.17	-128.47	256.09	-106.39	92.15	4170.21	2809.76	4158.06	2821.92	128.03
9	22	927	18.37	-19.79	1.35	-2.76	-18.97	294.75	-257.96	-27.25	64.04	272.56
9	22	928	45.01	-38.14	2.48	4.40	-41.56	416.31	-304.07	117.52	-5.28	354.92
9	22	929	33.68	-20.37	1.67	11.65	-26.56	259.54	-354.93	-16.93	-78.46	305.69
9	22	930	138.56	-2.36	1.46	134.74	-22.88	142.22	-575.34	4.35	-437.47	282.70
9	22	931	175.38	-3.67	-2.16	173.88	-16.37	196.65	147.72	177.08	167.30	23.97
9	22	932	76.65	-4.93	1.35	70.38	-21.73	133.39	-624.67	-21.43	-469.84	305.61
9	22	933	89.27	-4.13	1.38	83.76	-22.02	129.02	-660.46	-18.53	-512.91	307.76
9	22	934	180.41	-4.34	-3.90	179.97	-8.98	483.57	186.53	252.72	417.38	-123.61
9	22	935	168.85	-2.90	-0.37	166.32	-20.72	185.24	-129.62	108.41	-52.78	135.23
9	22	936	180.41	-4.61	-4.61	180.41	-0.30	843.53	160.76	335.85	668.45	-298.14
9	22	937	150.71	-2.32	1.11	147.29	-22.63	155.32	-485.30	26.60	-356.58	256.69
9	22	938	116.55	-3.46	1.60	111.49	-24.12	137.44	-647.26	-6.77	-503.06	303.92
9	22	939	58.13	-9.20	1.19	47.74	-24.32	157.86	-557.42	-19.15	-380.40	308.68
9	22	940	100.97	-4.06	1.66	95.26	-23.83	131.45	-673.74	-15.14	-527.15	310.72
9	22	941	43.66	-15.48	1.26	26.92	-26.64	204.77	-455.45	-14.08	-236.60	310.80
9	22	942	157.32	-2.65	0.74	153.93	-23.04	173.90	-338.62	63.43	-228.16	210.74
9	22	943	20.20	-34.44	-29.59	15.35	-15.53	1081.11	298.93	1032.70	347.34	188.47
9	22	944	20.38	-33.66	-18.42	5.14	-24.32	730.98	-25.08	635.28	70.62	251.38
9	22	945	24.63	-32.73	-9.32	1.22	-28.19	497.17	-270.82	371.83	-145.47	283.82
9	22	946	31.98	-32.41	-3.33	2.90	-32.05	345.29	-456.52	205.61	-316.83	304.12
9	22	947	41.20	-34.94	1.24	5.02	-38.02	158.05	-645.53	4.03	-491.51	316.30
9	22	948	38.71	-34.77	1.56	2.37	-36.74	164.48	-673.91	15.87	-525.29	320.18

9	22	949	40.65	-38.84	-0.54	2.34	-39.72	253.06	-447.64	49.82	-244.40	317.97
9	22	950	38.93	-37.79	0.19	0.96	-38.36	183.68	-566.49	14.63	-397.44	313.43
9	22	951	37.67	-32.22	-6.98e-02	5.52	-34.84	248.35	-584.78	103.26	-439.69	315.95
9	22	952	37.40	-33.54	1.21	2.65	-35.46	193.17	-654.57	45.92	-507.31	321.17
9	22	953	52.81	-33.40	19.52	-0.11	-41.97	727.84	-202.98	89.71	435.15	432.17
9	22	954	23.15	-30.21	5.10	-12.16	-25.25	405.89	-220.11	-62.88	248.67	271.48
9	22	955	173.88	4.53	4.78	173.62	6.54	1135.45	109.16	396.65	847.97	-460.86
9	22	956	74.66	18.10	52.53	40.23	27.60	2648.78	1181.53	2648.66	1181.65	13.16
9	22	957	100.10	-16.49	-15.61	99.22	-10.04	669.66	344.31	661.19	352.78	-51.81
9	22	958	45.63	-29.83	0.62	15.17	-37.02	225.67	-452.32	13.23	-239.88	314.49
9	22	959	50.97	-24.28	0.95	25.74	-35.52	161.99	-565.42	-4.82	-398.62	305.80
9	22	960	74.13	-13.84	1.83	58.46	-33.66	156.95	-642.04	22.48	-507.58	298.93
9	22	961	91.17	-12.46	-4.69	83.40	-27.29	339.08	-186.21	271.63	-118.75	175.74
9	22	962	87.38	-11.93	-0.97	76.42	-31.12	256.24	-398.75	151.88	-294.40	239.71
9	22	963	66.20	-16.17	1.95	48.08	-34.12	137.51	-669.01	-2.25	-529.25	305.26
9	22	964	106.13	-14.98	-14.80	105.96	4.60	1069.63	528.41	956.67	641.37	-219.94
9	22	965	41.40	-32.45	3.01	5.93	-36.89	343.14	-321.12	15.38	6.64	332.10
9	22	966	95.74	-14.13	-10.10	91.72	-20.65	453.92	80.71	435.94	98.68	79.92
9	22	967	34.13	-38.59	-37.47	33.02	8.94	1654.33	676.98	1639.67	691.64	118.79
9	22	968	117.80	-7.27	-6.18	116.71	11.64	1580.25	713.41	1286.03	1007.64	-410.46
9	22	969	87.53	-10.77	1.31	75.45	-32.27	187.51	-551.31	64.11	-427.91	275.57
9	22	970	61.09	-17.14	1.74	42.21	-33.47	133.71	-643.13	-13.43	-495.98	304.39
9	32	28	363.77	-9.05	298.19	56.52	141.95	5260.90	1647.87	4800.66	2108.11	1204.59
9	32	36	87.99	15.22	86.18	17.03	-11.32	1918.18	490.91	947.86	1461.23	665.87
9	32	38	193.45	17.66	84.22	126.89	-85.27	7294.57	412.08	5053.54	2653.12	-3225.16
9	32	72	34.76	-9.35	-9.22	34.63	-2.43	30.03	-502.02	-403.92	-68.07	-206.33
9	32	87	21.75	0.26	0.62	21.38	-2.78	-14.35	-156.44	-145.12	-25.67	-38.48
9	32	96	22.22	-0.36	-0.36	22.22	2.33e-02	-1.52	-106.85	-86.22	-22.15	-41.81
9	32	105	26.48	-0.63	-0.46	26.31	2.17	9.82	-137.44	-98.17	-29.45	-65.12
9	32	114	33.39	-0.78	-0.30	32.91	4.02	9.80	-216.40	-161.27	-45.32	-97.11
9	32	123	43.23	-0.87	6.44e-02	42.29	6.36	-2.84	-351.13	-282.03	-71.94	-138.90
9	32	132	57.24	-0.66	1.06	55.52	9.83	-31.15	-567.76	-486.40	-112.51	-192.46
9	32	141	79.21	0.85	3.49	76.58	14.12	-98.10	-958.68	-887.63	-169.15	-236.84
9	32	150	134.48	-24.27	-22.84	133.05	15.01	-117.19	-2278.84	-2278.57	-117.47	24.35
9	32	854	-1.39	-49.70	-1.41	-49.68	0.92	161.99	-7.95	0.68	153.35	37.31
9	32	855	-1.64	-72.61	-1.65	-72.60	0.61	439.24	-149.57	-34.29	323.96	-233.64
9	32	856	-0.39	-58.58	-0.45	-58.53	1.74	89.76	3.86	4.89	88.74	9.33
9	32	857	6.21e-02	-55.15	1.07e-02	-55.10	1.68	14.82	-47.80	6.85	-39.83	-20.87
9	32	858	9.46e-02	-53.20	6.39e-02	-53.17	1.28	22.56	-154.05	9.38	-140.86	-46.41
9	32	859	7.19e-02	-54.72	5.07e-02	-54.70	1.08	38.22	-229.99	11.41	-203.18	-80.45
9	32	860	6.43e-02	-58.62	4.69e-02	-58.61	1.01	62.97	-299.47	14.54	-251.04	-123.32
9	32	861	6.73e-02	-64.59	5.30e-02	-64.57	0.96	95.73	-364.90	18.89	-288.06	-171.73
9	32	862	3.93e-02	-72.86	2.83e-02	-72.85	0.90	136.59	-399.22	23.57	-286.21	-218.59
9	32	863	-0.18	-82.36	-0.19	-82.35	1.10	196.41	-347.55	23.66	-174.80	-253.23
9	32	864	-0.66	-84.89	-0.73	-84.83	2.36	322.03	-234.94	21.12	65.97	-277.58
9	32	865	27.62	-20.74	10.84	-3.96	23.02	726.38	52.19	98.99	679.58	-171.35
9	32	866	11.54	-32.29	2.61	-23.36	17.65	736.45	-105.01	116.20	515.24	-370.41
9	32	867	13.55	-24.82	8.00	-19.27	-13.50	263.88	-86.56	-75.87	253.20	60.25
9	32	868	33.82	-14.40	26.50	-7.07	-17.31	505.59	-91.15	-90.52	504.96	-19.32
9	32	869	32.42	15.17	19.02	28.57	-7.19	1039.38	-615.40	194.29	229.70	-827.20
9	32	870	26.63	2.02	2.04	26.61	-0.70	399.44	-827.86	-245.48	-182.94	-612.85
9	32	871	16.71	-0.76	-0.75	16.69	-0.57	239.34	-716.32	-287.69	-189.29	-475.29
9	32	872	9.08	-1.10	-1.05	9.03	-0.73	157.43	-547.79	-235.12	-155.23	-350.34
9	32	873	4.03	-1.11	-1.01	3.92	-0.73	96.57	-395.87	-177.61	-121.69	-244.62
9	32	874	1.03	-1.35	-1.17	0.86	-0.63	45.51	-274.25	-134.82	-93.92	-158.57
9	32	875	0.11	-1.90	-1.69	-9.51e-02	-0.61	7.96	-180.22	-104.72	-67.54	-92.23
9	32	876	1.95	-2.10	-1.95	1.80	-0.76	16.54	-99.09	-63.47	-19.08	-53.39
9	32	877	10.98	2.00	9.75	3.23	3.09	270.03	19.02	29.66	259.38	-50.58
9	32	878	5.71	-29.02	5.25	-28.56	3.94	660.20	-492.52	53.25	114.42	-575.55
9	32	879	2.09	-28.03	1.70	-27.64	-3.39	427.01	-642.70	-37.80	-177.89	-530.25
9	32	880	0.31	-28.34	-0.22	-27.81	-3.84	300.49	-656.23	-94.48	-261.27	-471.04
9	32	881	-0.13	-28.14	-0.44	-27.84	-2.89	200.99	-552.53	-104.06	-247.49	-369.87
9	32	882	-0.28	-27.67	-0.41	-27.54	-1.88	120.90	-422.83	-92.85	-209.08	-265.58
9	32	883	-0.49	-27.12	-0.52	-27.09	-0.87	58.61	-301.95	-76.39	-166.94	-174.50
9	32	884	-0.86	-26.46	-0.86	-26.45	0.43	21.33	-195.08	-57.85	-115.90	-104.24
9	32	885	-0.49	-25.58	-0.66	-25.41	2.06	31.28	-95.82	-39.74	-24.81	-63.11
9	32	886	3.07	-24.51	3.07	-24.51	1.48e-02	146.87	-52.93	-52.41	146.34	-10.26
9	32	887	31.86	-27.89	3.18	0.79	-29.85	361.67	-146.44	186.31	28.93	241.56
9	32	888	22.17	-35.68	-1.30	-12.21	-28.41	183.19	-336.64	40.71	-194.16	231.87
9	32	889	17.25	-42.47	-0.15	-25.07	-27.14	145.51	-447.71	17.11	-319.32	244.30
9	32	890	13.96	-50.10	0.39	-36.53	-26.18	149.08	-494.45	24.09	-369.46	254.58
9	32	891	8.90	-58.26	-0.71	-48.65	-23.52	197.40	-464.95	63.18	-330.74	266.24
9	32	892	2.66	-67.04	-4.87	-59.51	-21.64	314.97	-362.41	162.67	-210.12	282.78
9	32	893	-9.87	-75.67	-14.70	-70.83	-17.16	599.11	-156.77	422.62	19.73	319.78
9	32	894	-22.64	-81.86	-27.05	-77.44	-15.55	1205.03	189.04	1015.78	378.29	395.55
9	32	895	15.16	-97.90	12.01	-94.74	18.61	2765.38	844.22	2531.37	1078.23	628.33
9	32	896	9.23e-02	-8.05	8.81e-02	-8.05	-0.18	80.43	-43.30	-1.34	38.47	58.57

9	32	897	38.83	-2.41e-02	0.12	38.68	-2.36	37.55	-235.01	-3.62	-193.84	97.60
9	32	898	80.76	0.12	0.25	80.62	-3.28	18.09	-364.97	-2.09	-344.78	85.59
9	32	899	118.96	2.37e-02	0.24	118.74	-5.11	15.90	-403.08	-7.54	-379.65	96.28
9	32	900	156.59	8.17e-02	0.32	156.35	-6.12	15.73	-335.46	-3.74	-315.99	80.37
9	32	901	192.14	0.16	0.49	191.81	-7.93	16.23	-152.37	-9.05	-127.09	60.19
9	32	902	220.23	0.45	0.80	219.87	-8.81	182.07	-11.76	-11.74	182.05	2.12
9	32	903	224.80	0.53	0.83	224.50	-8.20	571.40	-34.71	-18.47	555.16	-97.86
9	32	904	227.00	4.85	8.37	223.48	-27.74	476.71	-48.73	28.68	399.29	-186.23
9	32	905	7.29	-111.74	-36.25	-68.20	57.33	3634.93	1281.68	3429.68	1486.93	663.99
9	32	906	4.70	-77.72	-7.54	-65.47	-29.31	2058.93	563.85	1855.29	767.48	512.82
9	32	907	-14.97	-77.48	-19.42	-73.03	-16.07	739.58	-63.89	560.81	114.88	334.18
9	32	908	-3.82	-73.15	-10.46	-66.51	-20.41	475.22	-240.52	308.91	-74.22	302.28
9	32	909	7.41	-60.78	-1.71	-51.66	-23.21	226.31	-439.58	87.90	-301.17	270.20
9	32	910	11.96	-56.08	7.36e-02	-44.19	-25.83	175.58	-483.79	46.36	-354.57	261.74
9	32	911	16.35	-44.77	9.44e-02	-28.51	-27.01	142.15	-471.41	16.60	-345.86	247.52
9	32	912	19.65	-40.44	-0.42	-20.37	-28.35	151.67	-419.06	20.81	-288.20	239.91
9	32	913	27.32	-30.53	0.30	-3.51	-28.86	278.26	-217.25	116.65	-55.64	232.30
9	32	914	38.25	-25.18	4.12	8.94	-31.62	606.97	-37.86	403.48	165.62	299.68
9	32	915	-0.39	-30.73	-0.40	-30.72	-0.21	191.64	-29.85	2.15	159.63	77.87
9	32	916	15.76	6.37e-02	0.20	15.63	-1.44	47.72	-142.09	-15.05	-79.32	89.29
9	32	917	60.49	8.09e-02	0.22	60.35	-2.89	29.50	-312.64	1.08	-284.22	94.42
9	32	918	99.95	-1.56e-02	0.18	99.76	-4.37	12.23	-393.71	-7.82	-373.67	87.95
9	32	919	137.86	-6.94e-04	0.25	137.61	-5.86	20.43	-385.09	-2.77	-361.89	94.18
9	32	920	174.69	2.05e-02	0.34	174.37	-7.42	11.25	-255.64	-8.70	-235.69	70.19
9	32	921	207.97	0.23	0.59	207.62	-8.57	38.64	-36.01	-9.09	11.72	35.85
9	32	922	226.64	0.57	0.91	226.30	-8.73	377.00	-18.83	-14.07	372.25	-43.12
9	32	923	216.84	-0.11	0.16	216.57	-7.59	696.43	-66.07	-33.28	663.64	-154.68
9	32	924	124.65	12.87	13.70	123.81	9.62	626.43	107.89	233.36	500.96	-222.07
9	32	925	106.87	18.88	42.34	83.41	38.91	1158.91	788.92	943.95	1003.88	-182.55
9	32	926	222.14	-104.72	204.46	-87.04	73.93	3358.93	2238.48	3348.16	2249.25	109.30
9	32	927	15.19	-17.03	1.11	-2.96	-15.98	243.72	-216.68	-22.71	49.75	227.33
9	32	928	38.18	-31.79	1.85	4.54	-34.96	334.80	-249.85	87.24	-2.28	288.88
9	32	929	28.09	-17.31	1.37	9.41	-22.34	219.17	-286.47	-14.01	-53.29	252.05
9	32	930	115.95	-2.00	1.23	112.72	-19.25	121.36	-415.55	5.60	-299.78	220.80
9	32	931	147.65	-2.98	-1.61	146.28	-14.30	162.47	144.40	145.85	161.02	4.91
9	32	932	63.90	-4.16	1.13	58.60	-18.24	118.70	-469.13	-16.34	-334.08	247.28
9	32	933	74.52	-3.49	1.17	69.86	-18.49	114.29	-492.04	-13.64	-364.11	247.40
9	32	934	152.32	-3.41	-2.94	151.85	-8.53	413.21	142.31	206.61	348.90	-115.26
9	32	935	141.84	-2.41	-0.20	139.63	-17.68	149.98	-65.21	90.38	-5.61	96.29
9	32	936	152.87	-3.38	-3.36	152.85	-1.88	690.78	115.69	272.80	533.67	-256.26
9	32	937	126.23	-1.95	0.95	123.32	-19.08	130.44	-344.07	23.74	-237.37	198.11
9	32	938	97.52	-2.93	1.35	93.24	-20.28	119.12	-474.06	-3.31	-351.64	240.07
9	32	939	48.46	-7.77	1.00	39.69	-20.41	139.61	-425.05	-14.77	-270.67	251.67
9	32	940	84.41	-3.43	1.40	79.58	-20.02	115.46	-498.11	-10.36	-372.29	247.73
9	32	941	36.41	-13.10	1.04	22.27	-22.37	177.31	-356.01	-11.28	-167.42	254.98
9	32	942	131.96	-2.22	0.67	129.06	-19.50	143.47	-228.75	53.96	-139.24	159.08
9	32	943	17.69	-28.01	-23.28	12.95	-13.93	870.99	250.68	836.19	285.48	142.74
9	32	944	18.39	-27.96	-14.47	4.91	-21.05	588.21	3.91	514.69	77.43	193.78
9	32	945	21.84	-27.28	-7.27	1.82	-24.14	401.19	-185.07	301.10	-84.98	220.59
9	32	946	27.76	-27.01	-2.51	3.27	-27.23	280.81	-328.52	166.35	-214.06	238.00
9	32	947	35.10	-29.04	1.08	4.98	-32.01	134.18	-485.37	2.07	-353.26	253.76
9	32	948	33.07	-28.89	1.36	2.82	-30.97	138.35	-502.27	11.67	-375.60	255.15
9	32	949	34.60	-32.29	-0.49	2.79	-33.41	209.05	-350.06	36.09	-177.11	258.43
9	32	950	33.21	-31.38	0.18	1.64	-32.28	154.34	-432.23	9.23	-287.11	253.11
9	32	951	32.36	-26.84	8.12e-02	5.44	-29.48	204.47	-428.17	83.43	-307.13	248.85
9	32	952	32.04	-27.88	1.10	3.05	-29.94	160.80	-483.98	36.41	-359.59	254.43
9	32	953	44.52	-27.97	15.60	0.95	-35.50	564.72	-182.02	61.76	320.94	350.16
9	32	954	19.51	-25.93	4.20	-10.62	-21.47	321.73	-190.91	-51.29	182.11	228.22
9	32	955	147.96	4.72	4.78	147.90	3.06	904.97	65.89	321.54	649.32	-386.20
9	32	956	59.11	15.17	42.48	31.80	21.31	2140.40	919.81	2140.37	919.84	5.96
9	32	957	84.57	-13.08	-12.10	83.59	-9.72	548.74	281.75	537.28	293.22	-54.13
9	32	958	38.46	-25.00	0.49	12.97	-31.11	190.86	-352.85	9.48	-171.47	256.36
9	32	959	42.96	-20.33	0.81	21.82	-29.85	140.60	-429.99	-3.47	-285.92	247.89
9	32	960	62.53	-11.63	1.58	49.32	-28.37	134.11	-470.95	20.61	-357.45	236.20
9	32	961	77.20	-10.36	-3.59	70.44	-23.37	274.30	-112.46	222.84	-61.00	131.36
9	32	962	73.86	-10.00	-0.65	64.51	-26.40	210.18	-278.12	125.87	-193.81	184.56
9	32	963	55.81	-13.57	1.66	40.58	-28.72	119.62	-495.79	0.18	-376.35	243.39
9	32	964	88.94	-11.20	-11.17	88.91	1.93	873.30	409.28	775.33	507.25	-189.37
9	32	965	34.87	-27.34	2.38	5.15	-31.08	280.34	-262.29	9.67	8.38	271.31
9	32	966	81.10	-11.53	-7.84	77.41	-18.12	366.17	92.30	355.58	102.89	52.80
9	32	967	27.35	-30.16	-29.53	26.72	5.99	1336.40	535.28	1326.63	545.05	87.91
9	32	968	97.79	-4.86	-4.27	97.20	7.73	1273.21	545.86	1040.59	778.47	-339.24
9	32	969	73.79	-9.06	1.16	63.57	-27.25	157.31	-397.57	54.88	-295.14	215.28
9	32	970	51.42	-14.38	1.48	35.56	-28.14	117.80	-481.36	-9.15	-354.41	244.85
9	36	28	339.41	-2.61	280.36	56.43	129.26	4871.14	1556.16	4425.69	2001.62	1130.60
9	36	36	78.47	9.54	77.54	10.47	-7.95	1915.80	561.06	961.81	1515.05	618.32
9	36	38	190.47	14.65	80.95	124.18	-85.21	7320.49	609.17	5039.24	2890.41	-3179.01

9	36	72	28.98	-10.76	-10.57	28.79	-2.71	88.21	-378.56	-258.09	-32.26	-204.25
9	36	87	17.72	-3.54e-02	0.28	17.40	-2.36	4.00	-103.10	-86.38	-12.72	-38.88
9	36	96	18.76	-0.42	-0.42	18.76	0.18	13.32	-76.52	-48.67	-14.52	-41.55
9	36	105	23.50	-0.69	-0.50	23.31	2.12	22.40	-112.92	-67.21	-23.31	-64.00
9	36	114	30.79	-0.84	-0.37	30.32	3.85	20.11	-191.43	-131.93	-39.39	-95.12
9	36	123	40.96	-0.92	-1.94e-02	40.06	6.08	5.95	-323.27	-251.77	-65.55	-135.74
9	36	132	55.25	-0.68	0.96	53.61	9.46	-23.12	-534.60	-452.80	-104.92	-187.47
9	36	141	77.49	0.89	3.42	74.97	13.68	-90.21	-913.81	-844.65	-159.37	-228.43
9	36	150	132.98	-23.63	-22.29	131.63	14.47	-108.03	-2189.80	-2188.77	-109.07	46.47
9	36	854	-1.21	-41.79	-1.22	-41.77	0.80	187.78	-3.57	0.45	183.76	27.43
9	36	855	-1.59	-69.98	-1.60	-69.97	0.53	465.34	-137.84	-33.63	361.13	-228.03
9	36	856	-0.30	-49.03	-0.35	-48.98	1.50	128.62	3.97	4.05	128.54	-3.03
9	36	857	6.65e-02	-46.42	2.42e-02	-46.37	1.40	29.96	-32.79	6.39	-9.23	-30.39
9	36	858	8.76e-02	-45.54	6.30e-02	-45.52	1.06	27.41	-139.09	9.12	-120.80	-52.07
9	36	859	6.92e-02	-47.81	5.23e-02	-47.80	0.90	40.80	-219.44	11.20	-189.83	-82.63
9	36	860	6.46e-02	-52.31	5.07e-02	-52.30	0.85	63.85	-289.75	14.28	-240.17	-122.77
9	36	861	6.91e-02	-58.84	5.77e-02	-58.83	0.82	95.26	-352.73	18.51	-275.98	-168.79
9	36	862	4.21e-02	-67.69	3.34e-02	-67.68	0.77	135.44	-381.48	23.03	-269.07	-213.24
9	36	863	-0.17	-77.78	-0.18	-77.77	0.98	197.49	-322.91	22.89	-148.30	-245.72
9	36	864	-0.66	-81.09	-0.72	-81.03	2.21	334.44	-211.22	20.27	102.95	-269.68
9	36	865	26.90	-18.94	10.74	-2.78	21.90	753.39	50.14	85.72	717.82	-154.11
9	36	866	11.34	-30.09	2.77	-21.52	16.78	754.56	-92.00	109.94	552.61	-360.80
9	36	867	11.64	-20.87	7.02	-16.25	-11.35	288.14	-75.64	-69.87	282.37	45.46
9	36	868	28.36	-12.39	22.86	-6.89	-13.93	543.58	-73.91	-72.10	541.77	-33.44
9	36	869	32.89	14.62	18.64	28.87	-7.58	1031.37	-539.42	214.65	277.29	-784.77
9	36	870	27.02	1.94	2.01	26.95	-1.31	398.52	-783.85	-220.37	-164.96	-590.54
9	36	871	17.13	-0.83	-0.76	17.06	-1.12	242.21	-687.71	-266.49	-179.01	-462.90
9	36	872	9.52	-1.21	-1.07	9.38	-1.22	163.03	-527.33	-216.28	-148.02	-343.49
9	36	873	4.46	-1.25	-1.00	4.21	-1.18	105.50	-379.94	-158.97	-115.46	-241.75
9	36	874	1.42	-1.53	-1.11	1.01	-1.03	60.00	-260.67	-113.73	-86.94	-159.78
9	36	875	0.26	-2.04	-1.54	-0.23	-0.94	32.64	-167.35	-77.42	-57.29	-99.49
9	36	876	1.37	-2.13	-1.81	1.05	-1.01	60.08	-86.11	-25.74	-0.29	-71.98
9	36	877	8.51	1.28	7.47	2.32	2.54	330.94	37.48	69.66	298.76	-91.70
9	36	878	5.45	-26.74	5.11	-26.40	3.31	659.82	-451.34	53.98	154.50	-553.30
9	36	879	2.24	-25.78	1.69	-25.23	-3.88	422.73	-606.10	-30.42	-152.95	-510.75
9	36	880	0.52	-25.80	-0.21	-25.08	-4.31	298.97	-631.64	-86.33	-246.34	-458.38
9	36	881	2.56e-02	-25.27	-0.42	-24.82	-3.34	202.85	-536.61	-96.41	-237.34	-362.96
9	36	882	-0.16	-24.49	-0.39	-24.27	-2.33	127.31	-412.56	-84.99	-200.27	-263.71
9	36	883	-0.39	-23.67	-0.47	-23.59	-1.35	72.03	-295.47	-67.03	-156.42	-178.23
9	36	884	-0.76	-22.80	-0.76	-22.80	-0.14	45.74	-191.41	-45.86	-99.81	-115.46
9	36	885	-0.57	-21.76	-0.66	-21.67	1.38	72.98	-97.23	-26.16	1.90	-83.94
9	36	886	2.40	-20.70	2.40	-20.70	1.17e-02	191.27	-48.96	-42.64	184.95	-38.44
9	36	887	27.20	-25.16	3.09	-1.05	-26.10	339.22	-123.07	182.54	33.62	218.82
9	36	888	18.62	-32.17	-1.13	-12.42	-24.76	166.74	-323.05	44.93	-201.24	211.72
9	36	889	14.46	-38.26	-0.20	-23.60	-23.62	131.25	-445.29	22.36	-336.40	225.66
9	36	890	11.69	-45.00	0.25	-33.57	-22.75	134.73	-500.16	28.25	-393.68	237.21
9	36	891	7.27	-52.12	-0.80	-44.05	-20.35	179.01	-474.65	63.32	-358.96	249.48
9	36	892	1.62	-59.73	-4.66	-53.46	-18.59	287.74	-373.72	153.69	-239.66	265.90
9	36	893	-9.84	-67.18	-13.81	-63.21	-14.55	550.67	-171.08	389.77	-10.18	300.41
9	36	894	-21.63	-72.43	-25.34	-68.73	-13.21	1109.34	167.20	930.52	346.03	369.46
9	36	895	14.32	-87.00	11.25	-83.93	17.38	2544.59	801.47	2322.67	1023.38	581.01
9	36	896	8.47e-02	-5.89	7.84e-02	-5.88	-0.19	74.56	-35.25	-1.01	40.31	50.87
9	36	897	35.12	-2.17e-02	0.11	34.99	-2.11	29.79	-239.61	-2.82	-207.00	87.88
9	36	898	71.86	0.10	0.22	71.74	-2.90	14.89	-384.40	-1.59	-367.92	79.42
9	36	899	105.28	2.25e-02	0.22	105.09	-4.51	12.97	-430.58	-6.56	-411.05	90.99
9	36	900	138.17	7.21e-02	0.28	137.96	-5.39	13.38	-369.80	-3.20	-353.21	77.97
9	36	901	169.11	0.15	0.44	168.83	-6.97	12.17	-190.45	-8.26	-170.02	61.01
9	36	902	193.07	0.42	0.73	192.76	-7.70	134.90	-11.34	-10.80	134.36	8.87
9	36	903	194.81	0.52	0.77	194.56	-7.00	523.91	-29.90	-17.31	511.32	-82.53
9	36	904	190.22	3.97	6.84	187.35	-22.95	506.90	-31.76	36.98	438.16	-179.73
9	36	905	8.49	-100.25	-32.25	-59.51	52.63	3340.55	1219.70	3146.79	1413.46	611.05
9	36	906	3.81	-68.51	-7.31	-57.39	-26.08	1893.56	532.24	1700.06	725.74	475.36
9	36	907	-14.57	-68.73	-18.21	-65.10	-13.56	680.95	-79.87	515.64	85.44	313.76
9	36	908	-4.36	-64.99	-9.88	-59.48	-17.43	436.21	-253.24	286.52	-103.55	284.24
9	36	909	5.92	-54.32	-1.72	-46.67	-20.05	205.86	-450.08	85.81	-330.03	253.64
9	36	910	9.95	-50.23	-7.18e-02	-40.21	-22.42	159.12	-492.62	48.24	-381.74	244.89
9	36	911	13.71	-40.31	1.40e-02	-26.61	-23.50	128.21	-472.19	21.68	-365.66	229.38
9	36	912	16.52	-36.46	-0.41	-19.53	-24.71	137.11	-413.32	26.10	-302.31	220.86
9	36	913	23.12	-27.52	0.43	-4.83	-25.19	257.72	-196.79	116.14	-55.21	210.49
9	36	914	32.80	-22.91	3.79	6.10	-27.83	573.63	-13.96	388.45	171.23	272.98
9	36	915	-0.37	-25.53	-0.37	-25.53	-0.21	189.27	-19.87	2.33	167.07	64.42
9	36	916	14.92	5.51e-02	0.17	14.81	-1.30	37.56	-136.93	-12.98	-86.39	79.15
9	36	917	54.11	7.19e-02	0.19	53.99	-2.56	24.19	-325.37	1.40	-302.58	86.30
9	36	918	88.65	-1.12e-02	0.16	88.49	-3.87	9.69	-417.95	-6.83	-401.43	82.41
9	36	919	121.81	1.59e-03	0.22	121.59	-5.16	17.39	-415.90	-2.19	-396.32	90.01
9	36	920	153.95	2.28e-02	0.30	153.67	-6.53	8.88	-292.71	-7.95	-275.88	69.22
9	36	921	182.77	0.22	0.53	182.46	-7.51	20.22	-62.30	-8.29	-33.79	39.24

9	36	922	197.87	0.55	0.84	197.58	-7.57	327.19	-16.06	-12.98	324.10	-32.39
9	36	923	185.41	-2.58e-02	0.19	185.20	-6.29	657.52	-58.19	-32.96	632.29	-131.99
9	36	924	107.18	10.26	11.44	106.00	10.62	640.46	120.81	235.76	525.52	-215.68
9	36	925	96.87	16.10	39.46	73.50	36.62	1105.31	738.76	876.07	968.01	-177.42
9	36	926	206.16	-94.91	189.80	-78.55	68.25	3086.36	2087.38	3077.76	2095.97	92.26
9	36	927	13.58	-14.45	0.99	-1.86	-13.94	219.21	-189.81	-20.13	49.54	201.52
9	36	928	32.96	-28.06	1.84	3.07	-30.51	310.05	-225.86	88.12	-3.93	263.98
9	36	929	24.82	-14.91	1.22	8.68	-19.51	191.77	-263.54	-12.46	-59.31	226.45
9	36	930	101.95	-1.73	1.07	99.15	-16.80	103.30	-437.42	2.89	-337.01	210.27
9	36	931	128.87	-2.71	-1.62	127.78	-11.93	144.47	103.82	130.62	117.67	19.26
9	36	932	56.47	-3.61	0.99	51.87	-15.97	96.67	-471.30	-16.01	-358.63	226.49
9	36	933	65.73	-3.02	1.02	61.69	-16.17	93.41	-499.17	-13.93	-391.83	228.22
9	36	934	132.49	-3.22	-2.91	132.18	-6.43	354.40	138.42	186.61	306.20	-89.93
9	36	935	124.13	-2.14	-0.29	122.28	-15.17	135.87	-104.08	79.81	-48.03	101.53
9	36	936	132.40	-3.46	-3.46	132.40	3.42e-02	623.93	120.42	248.19	496.16	-219.11
9	36	937	110.86	-1.70	0.81	108.35	-16.61	113.15	-370.18	19.34	-276.38	191.15
9	36	938	85.76	-2.54	1.17	82.05	-17.71	99.63	-490.85	-5.36	-385.86	225.77
9	36	939	42.82	-6.74	0.87	35.21	-17.87	114.88	-419.17	-14.26	-290.04	228.67
9	36	940	74.32	-2.97	1.22	70.13	-17.50	95.16	-510.01	-11.51	-403.33	230.60
9	36	941	32.16	-11.34	0.92	19.90	-19.57	150.14	-340.62	-10.39	-180.09	230.24
9	36	942	115.68	-1.95	0.53	113.20	-16.90	127.11	-260.48	46.54	-179.90	157.28
9	36	943	14.73	-25.43	-21.98	11.28	-11.25	799.08	219.76	763.28	255.56	139.49
9	36	944	14.76	-24.76	-13.69	3.69	-17.74	539.50	-23.78	469.10	46.62	186.29
9	36	945	17.90	-24.06	-6.93	0.78	-20.62	365.94	-208.41	274.09	-116.56	210.52
9	36	946	23.34	-23.83	-2.49	2.00	-23.48	253.14	-347.90	151.08	-245.84	225.67
9	36	947	30.16	-25.71	0.90	3.54	-27.91	114.69	-487.91	2.17	-375.39	234.82
9	36	948	28.32	-25.60	1.13	1.59	-26.96	119.22	-510.29	10.77	-401.84	237.71
9	36	949	29.75	-28.60	-0.39	1.55	-29.16	186.46	-335.79	36.81	-186.14	236.14
9	36	950	28.49	-27.83	0.13	0.53	-28.16	134.08	-427.03	10.22	-303.17	232.71
9	36	951	27.54	-23.70	-7.64e-02	3.92	-25.54	181.21	-444.20	75.36	-338.35	234.51
9	36	952	27.35	-24.68	0.88	1.80	-26.01	140.35	-496.38	32.95	-388.98	238.44
9	36	953	38.73	-24.55	14.40	-0.22	-30.78	547.86	-148.32	68.10	331.45	322.23
9	36	954	17.04	-22.11	3.74	-8.81	-18.54	304.94	-161.17	-46.77	190.54	200.59
9	36	955	127.50	3.20	3.41	127.29	5.17	844.21	83.87	293.04	635.04	-339.55
9	36	956	55.46	13.30	38.86	29.90	20.60	1959.28	883.67	1959.21	883.74	9.03
9	36	957	73.50	-12.23	-11.63	72.90	-7.16	494.54	253.05	488.54	259.05	-37.58
9	36	958	33.50	-21.91	0.46	11.13	-27.19	166.07	-338.84	9.87	-182.64	233.38
9	36	959	37.42	-17.83	0.69	18.90	-26.08	118.06	-425.87	-3.88	-303.93	226.84
9	36	960	54.44	-10.15	1.34	42.95	-24.70	113.88	-487.14	15.88	-389.14	222.03
9	36	961	66.91	-9.16	-3.50	61.25	-19.96	249.72	-146.30	200.20	-96.78	130.98
9	36	962	64.15	-8.76	-0.74	56.13	-22.81	187.85	-305.42	111.59	-229.15	178.33
9	36	963	48.61	-11.87	1.43	35.32	-25.05	99.49	-506.60	-2.35	-404.76	226.61
9	36	964	78.05	-11.22	-11.06	77.89	3.70	791.02	393.43	707.19	477.26	-162.18
9	36	965	30.40	-23.82	2.22	4.36	-27.09	255.32	-238.19	11.83	5.31	246.73
9	36	966	70.27	-10.42	-7.52	67.36	-15.03	335.27	53.76	321.83	67.20	60.02
9	36	967	25.31	-28.70	-27.82	24.43	6.83	1223.34	504.50	1212.53	515.31	87.48
9	36	968	86.76	-5.54	-4.68	85.89	8.89	1171.40	533.23	950.69	753.93	-303.54
9	36	969	64.29	-7.90	0.95	55.44	-23.67	136.68	-419.58	46.69	-329.58	204.85
9	36	970	44.88	-12.58	1.27	31.03	-24.58	96.81	-485.93	-10.45	-378.67	225.84
9	37	28	312.60	-3.77	257.77	51.06	119.75	4508.32	1449.78	4095.57	1862.53	1045.01
9	37	36	72.45	10.17	71.42	11.21	-7.96	1793.67	501.38	887.04	1408.01	591.31
9	37	38	173.32	14.99	74.93	113.38	-76.80	6528.93	422.19	4518.95	2432.17	-2869.57
9	37	72	28.77	-8.91	-8.74	28.60	-2.50	62.88	-394.61	-289.74	-42.00	-192.30
9	37	87	17.50	0.16	0.51	17.14	-2.45	-4.52	-118.86	-106.18	-17.20	-35.90
9	37	96	18.08	-0.30	-0.30	18.08	-1.53e-03	4.07	-84.73	-63.66	-17.00	-37.78
9	37	105	22.16	-0.56	-0.41	22.00	1.86	13.21	-114.39	-76.92	-24.26	-58.11
9	37	114	28.61	-0.70	-0.28	28.19	3.48	12.54	-184.74	-133.71	-38.49	-86.39
9	37	123	37.67	-0.79	2.92e-02	36.85	5.54	0.86	-304.08	-241.16	-62.06	-123.40
9	37	132	50.43	-0.58	0.91	48.94	8.60	-24.60	-495.91	-422.64	-97.87	-170.77
9	37	141	70.29	0.79	3.07	68.00	12.40	-84.44	-841.62	-778.38	-147.69	-209.49
9	37	150	119.93	-21.64	-20.41	118.69	13.18	-100.36	-2008.99	-2008.59	-100.76	27.62
9	37	854	-1.14	-39.89	-1.15	-39.87	0.75	174.86	-3.97	0.43	170.46	27.70
9	37	855	-1.46	-64.12	-1.46	-64.12	0.52	399.93	-130.29	-30.48	300.12	-207.26
9	37	856	-0.31	-47.15	-0.35	-47.10	1.43	115.71	3.84	3.84	115.71	0.43
9	37	857	5.53e-02	-44.69	1.37e-02	-44.65	1.36	23.76	-29.13	5.92	-11.29	-25.00
9	37	858	8.06e-02	-43.63	5.59e-02	-43.60	1.04	23.41	-127.72	8.34	-112.66	-45.27
9	37	859	6.30e-02	-45.48	4.60e-02	-45.46	0.88	35.92	-200.39	10.18	-174.65	-73.63
9	37	860	5.78e-02	-49.39	4.38e-02	-49.37	0.83	57.09	-264.25	12.95	-220.12	-110.61
9	37	861	6.12e-02	-55.13	4.96e-02	-55.12	0.80	85.73	-322.59	16.79	-253.66	-152.96
9	37	862	3.65e-02	-62.95	2.76e-02	-62.94	0.75	121.96	-351.85	20.93	-250.82	-194.07
9	37	863	-0.16	-71.88	-0.17	-71.86	0.94	176.00	-303.72	20.93	-148.65	-224.37
9	37	864	-0.59	-74.61	-0.65	-74.55	2.06	291.36	-203.23	18.63	69.49	-245.98
9	37	865	24.45	-17.98	9.79	-3.32	20.18	658.06	48.09	86.78	619.37	-148.67
9	37	866	10.23	-28.14	2.40	-20.32	15.46	663.62	-89.72	102.65	471.26	-328.50
9	37	867	11.21	-19.94	6.63	-15.36	-11.03	268.04	-73.00	-66.80	261.84	45.57
9	37	868	27.31	-11.65	21.58	-5.92	-13.80	502.43	-77.21	-75.78	501.00	-28.77
9	37	869	29.48	13.28	16.97	25.79	-6.79	927.97	-528.25	180.89	218.83	-727.86

9	37	870	24.08	1.77	1.82	24.03	-0.99	357.93	-727.00	-210.97	-158.10	-541.82
9	37	871	15.19	-0.72	-0.67	15.15	-0.84	215.79	-631.68	-249.87	-166.02	-421.65
9	37	872	8.37	-1.04	-0.94	8.27	-0.96	143.40	-483.35	-203.49	-136.46	-311.58
9	37	873	3.85	-1.08	-0.89	3.66	-0.95	90.36	-348.77	-151.81	-106.60	-218.40
9	37	874	1.18	-1.34	-1.01	0.86	-0.84	47.67	-240.54	-111.90	-80.97	-143.27
9	37	875	0.28	-1.80	-1.42	-0.11	-0.81	20.65	-156.31	-80.89	-54.77	-87.51
9	37	876	1.58	-1.88	-1.62	1.32	-0.92	42.92	-82.95	-36.04	-3.99	-60.86
9	37	877	8.45	1.57	7.58	2.44	2.27	295.16	28.69	52.42	271.43	-75.90
9	37	878	5.03	-25.10	4.69	-24.76	3.20	590.43	-428.48	48.27	113.68	-508.40
9	37	879	1.96	-24.17	1.53	-23.73	-3.34	381.04	-564.17	-31.31	-151.82	-468.75
9	37	880	0.39	-24.25	-0.19	-23.67	-3.73	268.82	-579.71	-81.72	-229.17	-417.81
9	37	881	-2.87e-02	-23.85	-0.38	-23.50	-2.87	181.16	-489.50	-90.29	-218.06	-329.19
9	37	882	-0.18	-23.21	-0.35	-23.04	-1.97	111.74	-375.14	-79.83	-183.58	-237.85
9	37	883	-0.39	-22.52	-0.44	-22.46	-1.08	60.17	-268.01	-63.86	-143.98	-159.13
9	37	884	-0.71	-21.74	-0.71	-21.74	2.91e-02	34.48	-172.92	-45.15	-93.29	-100.86
9	37	885	-0.47	-20.79	-0.56	-20.69	1.40	58.00	-86.57	-27.40	-1.18	-71.09
9	37	886	2.39	-19.76	2.39	-19.75	-0.12	171.47	-46.01	-42.16	167.62	-28.68
9	37	887	25.47	-23.51	2.76	-0.80	-24.43	314.14	-123.30	161.75	29.09	208.42
9	37	888	17.61	-30.12	-1.06	-11.46	-23.29	149.20	-306.25	31.48	-188.53	199.39
9	37	889	13.71	-35.82	-0.16	-21.94	-22.24	113.96	-417.13	10.38	-313.54	210.44
9	37	890	11.10	-42.14	0.26	-31.30	-21.44	115.57	-466.27	15.85	-366.55	219.27
9	37	891	6.95	-48.81	-0.70	-41.15	-19.20	155.67	-441.33	48.82	-334.49	228.85
9	37	892	1.72	-55.97	-4.26	-49.99	-17.58	255.63	-346.48	133.27	-224.13	242.28
9	37	893	-8.88	-62.95	-12.68	-59.15	-13.81	499.46	-157.04	353.93	-11.51	272.70
9	37	894	-19.75	-67.89	-23.26	-64.38	-12.51	1019.19	158.44	858.46	319.17	335.43
9	37	895	13.16	-81.37	10.36	-78.57	16.04	2353.82	748.68	2152.37	950.13	531.76
9	37	896	8.10e-02	-5.56	7.53e-02	-5.55	-0.18	73.65	-32.65	-1.06	42.06	48.58
9	37	897	33.11	-1.73e-02	0.10	32.99	-1.98	28.97	-218.43	-2.84	-186.62	82.81
9	37	898	67.67	9.42e-02	0.20	67.56	-2.73	14.01	-351.43	-1.62	-335.80	73.94
9	37	899	99.13	2.12e-02	0.20	98.95	-4.24	11.98	-393.87	-6.20	-375.70	83.94
9	37	900	130.09	6.71e-02	0.27	129.89	-5.07	12.10	-337.28	-3.05	-322.13	71.17
9	37	901	159.25	0.14	0.41	158.98	-6.55	10.62	-170.84	-7.63	-152.59	54.57
9	37	902	181.99	0.39	0.68	181.70	-7.25	128.77	-10.15	-9.94	128.56	5.44
9	37	903	184.42	0.47	0.71	184.18	-6.66	486.75	-28.49	-15.86	474.12	-79.70
9	37	904	182.67	3.90	6.71	179.87	-22.21	454.14	-32.87	31.67	389.60	-165.13
9	37	905	7.33	-93.55	-30.19	-56.03	48.76	3091.94	1136.85	2915.59	1313.19	560.06
9	37	906	3.65	-64.24	-6.62	-53.97	-24.32	1749.05	498.02	1574.45	672.62	433.52
9	37	907	-13.23	-64.42	-16.71	-60.94	-12.88	620.42	-71.92	471.39	77.11	284.55
9	37	908	-3.80	-60.92	-9.05	-55.66	-16.51	393.10	-233.77	257.41	-98.08	258.16
9	37	909	5.71	-50.89	-1.55	-43.62	-18.93	180.21	-418.12	69.83	-307.74	232.08
9	37	910	9.47	-47.05	-3.15e-02	-37.55	-21.13	137.46	-458.33	34.63	-355.51	225.14
9	37	911	13.00	-37.75	3.59e-02	-24.78	-22.14	110.53	-441.42	9.73	-340.62	213.24
9	37	912	15.65	-34.15	-0.37	-18.12	-23.26	119.92	-388.14	13.76	-281.97	206.56
9	37	913	21.74	-25.76	0.34	-4.36	-23.63	236.67	-190.90	99.00	-53.23	199.78
9	37	914	30.63	-21.24	3.51	5.87	-25.91	536.56	-21.60	357.10	157.86	260.69
9	37	915	-0.33	-24.25	-0.33	-24.25	-0.21	181.43	-19.78	1.96	159.69	62.47
9	37	916	14.08	5.74e-02	0.16	13.98	-1.22	37.65	-124.98	-12.50	-74.83	75.10
9	37	917	50.97	6.81e-02	0.18	50.86	-2.40	23.02	-297.14	1.13	-275.25	80.80
9	37	918	83.48	-9.98e-03	0.15	83.32	-3.64	9.05	-382.31	-6.47	-366.79	76.38
9	37	919	114.69	1.52e-03	0.21	114.48	-4.85	15.91	-380.11	-2.15	-362.05	82.62
9	37	920	144.95	2.13e-02	0.28	144.69	-6.14	7.87	-265.78	-7.35	-250.56	62.72
9	37	921	172.17	0.20	0.49	171.87	-7.07	18.16	-52.45	-7.66	-26.64	34.00
9	37	922	186.78	0.50	0.77	186.51	-7.15	306.56	-15.37	-11.94	303.12	-33.08
9	37	923	176.50	-5.23e-02	0.16	176.29	-6.07	607.31	-54.81	-29.83	582.33	-126.14
9	37	924	101.63	9.93	10.87	100.69	9.24	580.65	103.85	211.01	473.49	-199.03
9	37	925	90.02	15.25	36.16	69.10	33.56	1019.24	678.78	806.70	891.32	-164.89
9	37	926	189.92	-88.29	174.83	-73.20	63.02	2854.10	1933.58	2846.57	1941.11	82.92
9	37	927	12.83	-13.67	0.92	-1.75	-13.18	211.24	-179.61	-19.14	50.77	192.28
9	37	928	31.03	-26.33	1.58	3.11	-28.67	292.16	-215.44	78.75	-2.03	250.56
9	37	929	23.42	-14.06	1.13	8.23	-18.40	184.81	-246.72	-11.61	-50.30	214.90
9	37	930	96.08	-1.63	1.01	93.45	-15.82	94.83	-399.17	3.44	-307.78	191.82
9	37	931	121.68	-2.51	-1.45	120.62	-11.41	128.69	105.64	122.17	112.16	10.38
9	37	932	53.22	-3.38	0.93	48.91	-15.02	91.99	-434.02	-14.47	-327.56	211.34
9	37	933	61.95	-2.84	0.96	58.16	-15.22	88.17	-459.02	-12.46	-358.39	211.99
9	37	934	125.25	-2.94	-2.62	124.93	-6.40	337.00	122.48	173.85	285.62	-91.55
9	37	935	117.10	-1.99	-0.23	115.34	-14.37	122.29	-87.90	75.10	-40.71	87.70
9	37	936	125.36	-3.06	-3.06	125.36	-0.56	585.20	104.37	230.33	459.24	-211.42
9	37	937	104.49	-1.59	0.77	102.13	-15.65	103.21	-336.13	18.77	-251.69	173.11
9	37	938	80.84	-2.38	1.11	77.35	-16.67	92.32	-449.63	-4.23	-353.08	207.37
9	37	939	40.37	-6.32	0.82	33.23	-16.81	110.22	-387.20	-12.88	-264.09	214.66
9	37	940	70.05	-2.79	1.15	66.11	-16.47	89.03	-468.27	-10.05	-369.19	213.07
9	37	941	30.32	-10.66	0.86	18.81	-18.42	144.63	-316.37	-9.46	-162.29	217.47
9	37	942	109.09	-1.82	0.52	106.74	-15.94	115.27	-233.65	44.19	-162.57	140.53
9	37	943	14.12	-23.55	-20.11	10.69	-10.85	735.96	207.03	706.45	236.55	121.41
9	37	944	14.33	-23.13	-12.53	3.72	-16.87	493.98	-17.71	433.05	43.22	165.73
9	37	945	17.22	-22.52	-6.33	1.03	-19.53	332.87	-189.20	251.49	-107.81	189.38
9	37	946	22.24	-22.32	-2.25	2.18	-22.17	228.86	-319.15	137.03	-227.32	204.67

9	37	947	28.50	-24.10	0.86	3.54	-26.26	104.41	-452.56	-1.45	-346.70	218.53
9	37	948	26.79	-23.98	1.08	1.73	-25.38	107.08	-472.45	6.11	-371.48	219.82
9	37	949	28.06	-26.82	-0.40	1.63	-27.42	174.06	-315.13	30.49	-171.55	222.76
9	37	950	26.91	-26.08	0.13	0.69	-26.49	123.31	-397.91	5.49	-280.09	218.01
9	37	951	26.13	-22.20	-3.08e-02	3.97	-24.08	163.10	-409.15	66.69	-312.74	214.19
9	37	952	25.91	-23.12	0.85	1.95	-24.51	125.82	-458.60	26.86	-359.65	219.18
9	37	953	36.37	-23.07	13.05	0.25	-29.02	516.37	-146.76	59.35	310.25	306.91
9	37	954	16.19	-21.01	3.45	-8.28	-17.65	291.09	-154.89	-44.50	180.70	192.47
9	37	955	120.91	3.42	3.55	120.77	3.96	783.80	69.05	271.16	581.70	-321.88
9	37	956	51.04	12.48	36.01	27.51	18.80	1814.42	818.42	1814.41	818.42	2.33
9	37	957	69.49	-11.20	-10.56	68.85	-7.17	461.59	232.64	453.29	240.94	-42.78
9	37	958	31.59	-20.58	0.40	10.60	-25.58	158.05	-315.85	8.38	-166.18	220.29
9	37	959	35.30	-16.72	0.65	17.92	-24.54	111.67	-394.57	-4.21	-278.69	212.68
9	37	960	51.41	-9.52	1.27	40.61	-23.26	104.45	-447.71	14.49	-357.75	203.90
9	37	961	63.32	-8.56	-3.18	57.94	-18.92	228.22	-129.66	186.02	-87.46	115.41
9	37	962	60.65	-8.20	-0.64	53.09	-21.53	171.32	-277.48	103.66	-209.82	160.59
9	37	963	45.89	-11.13	1.35	33.41	-23.58	92.04	-466.74	-2.57	-372.13	209.55
9	37	964	73.50	-10.02	-9.92	73.41	2.83	739.52	357.26	655.40	441.38	-158.36
9	37	965	28.68	-22.44	1.98	4.26	-25.53	243.53	-224.88	10.01	8.64	234.20
9	37	966	66.51	-9.67	-6.84	63.69	-14.39	308.50	54.43	298.88	64.05	48.50
9	37	967	23.42	-26.20	-25.47	22.69	5.96	1131.46	468.68	1123.29	476.85	73.09
9	37	968	81.33	-4.74	-4.05	80.64	7.69	1088.83	485.26	879.81	694.29	-287.18
9	37	969	60.72	-7.41	0.91	52.40	-22.31	125.00	-383.83	43.57	-302.40	186.56
9	37	970	42.35	-11.80	1.20	29.35	-23.13	90.97	-448.39	-9.83	-347.59	210.26

M_G	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
	493.97	-153.16	-49.78	-130.28	-113.76	9780.66	-3067.90	-3067.64	-537.50	-4321.34
			404.09	311.97	193.97			6755.08	3846.85	1631.39

Macro	Tipo	Angolo 1-X (gradi)
10	Guscio	0.0

M_G	Cmb	Nodo	N max daN/cm	N min daN/cm	N 1 daN/cm	N 2 daN/cm	N 1-2 daN/cm	M max daN	M min daN	M 1 daN	M 2 daN	M 1-2 daN
10	7	28	595.40	-557.83	563.62	-526.05	188.77	1.166e+04	839.02	1.107e+04	1429.04	-2456.71
10	7	46	209.72	-76.53	-75.57	208.76	-16.53	2274.30	469.87	1850.75	893.42	764.77
10	7	589	136.09	13.91	18.32	131.69	-22.77	433.25	71.32	121.28	383.28	-124.85
10	7	604	75.95	6.12	7.61	74.46	-10.10	54.60	-85.32	-75.85	45.13	-35.14
10	7	613	59.45	1.87	2.25	59.07	-4.64	9.09	-45.62	-36.96	0.42	-19.98
10	7	622	54.24	5.39	5.40	54.23	0.86	24.18	-39.82	0.51	-16.16	-30.90
10	7	631	55.30	11.12	12.40	54.02	7.42	43.23	-82.20	0.18	-39.14	-59.56
10	7	640	65.11	15.92	23.40	57.63	17.66	48.97	-163.98	-40.80	-74.21	-105.16
10	7	649	95.41	16.05	43.28	68.17	37.68	54.57	-289.16	-116.15	-118.44	-171.86
10	7	658	187.84	11.06	89.60	109.30	87.84	122.24	-420.49	-170.99	-127.26	-270.48
10	7	667	748.27	18.73	388.62	378.38	364.74	645.31	-577.29	-39.65	107.67	-606.85
10	7	904	331.50	3.15	9.61	325.05	-45.58	542.58	-103.68	-29.44	468.34	-206.08
10	7	924	167.40	24.17	24.90	166.66	10.22	772.75	99.40	214.39	657.76	-253.39
10	7	925	87.16	16.31	85.60	17.87	10.37	1444.26	933.07	1018.22	1359.11	-190.47
10	7	926	349.49	291.58	329.71	311.35	-27.46	3176.51	2392.24	2685.05	2883.69	379.35
10	7	971	-0.20	-8.98	-0.89	-8.29	2.36	1281.88	23.70	200.49	1105.09	-437.24
10	7	972	5.88e-02	-1.02	-0.56	-0.39	0.53	581.34	-6.40	61.23	513.71	-187.55
10	7	973	22.09	9.26e-02	1.42	20.76	-5.23	135.07	-1.64	22.44	110.98	-52.08
10	7	974	43.06	0.15	3.07	40.14	-10.82	12.32	-86.87	12.30	-86.85	-1.39
10	7	975	59.79	8.75e-02	4.27	55.61	-15.24	20.37	-181.15	20.37	-181.15	-0.52
10	7	976	75.48	1.93e-02	5.34	70.15	-19.32	38.49	-235.11	36.80	-233.42	-21.44
10	7	977	93.15	-5.04e-02	6.56	86.55	-23.92	64.74	-259.56	55.95	-250.77	-52.66
10	7	978	115.28	-0.16	8.07	107.05	-29.70	102.09	-213.77	72.17	-183.85	-92.50
10	7	979	146.50	-0.22	10.13	136.16	-37.56	225.07	-63.25	73.55	88.27	-143.97
10	7	980	189.94	9.65e-02	13.59	176.45	-48.78	708.25	-25.78	48.54	633.92	-221.43
10	7	981	24.90	5.98	12.16	18.71	-8.88	1250.18	70.47	287.81	1032.83	-457.35
10	7	982	26.52	8.24	13.80	20.97	-8.41	1448.68	274.24	490.88	1232.04	-455.52
10	7	983	105.59	11.46	35.70	81.35	-41.17	1965.37	779.93	952.23	1793.07	-417.81
10	7	984	139.41	55.07	81.47	113.02	-39.11	1274.63	85.26	213.22	1146.67	-368.54
10	7	985	104.72	-10.61	14.26	79.85	-47.43	168.25	-71.75	-49.81	146.31	-69.16
10	7	986	71.90	-2.66	7.67	61.58	-25.75	30.28	-64.31	-56.38	22.35	-26.21
10	7	987	56.60	-1.99	0.95	53.66	-12.79	17.73	-33.98	-14.39	-1.87	-25.09
10	7	988	50.75	-5.77	-5.41	50.40	-4.49	33.89	-59.95	-4.34	-21.71	-46.11
10	7	989	50.00	-13.26	-13.09	49.83	3.24	41.49	-129.76	-37.32	-50.95	-85.35
10	7	990	53.83	-27.64	-25.17	51.36	13.95	42.26	-249.28	-116.45	-90.57	-145.20
10	7	991	65.53	-59.45	-50.10	56.18	32.87	64.62	-422.85	-236.13	-122.11	-236.98
10	7	992	100.46	-145.54	-127.11	82.02	64.77	287.59	-623.94	-334.95	-1.40	-424.15

10	7	993	-92.11	-744.02	-721.27	-114.86	-119.63	-320.88	-3517.59	-3178.06	-660.42	-984.94
10	7	994	218.24	-1.37	12.53	204.35	-53.46	829.96	-31.52	42.36	756.08	-241.22
10	7	995	167.73	-4.22e-02	11.82	155.86	-43.01	431.08	-23.52	63.11	344.44	-178.55
10	7	996	129.26	-0.25	8.96	120.05	-33.29	137.17	-145.09	75.87	-83.80	-116.38
10	7	997	103.47	-9.61e-02	7.27	96.11	-26.62	81.12	-249.78	64.93	-233.60	-71.37
10	7	998	83.92	-1.32e-02	5.92	77.98	-21.51	50.67	-252.43	46.33	-248.09	-36.02
10	7	999	67.55	5.35e-02	4.80	62.80	-17.26	28.31	-211.27	27.95	-210.90	-9.29
10	7	1000	51.78	0.12	3.71	48.20	-13.13	14.86	-141.80	14.80	-141.74	3.08
10	7	1001	33.23	0.15	2.32	31.05	-8.19	24.61	-17.32	14.29	-7.00	-18.07
10	7	1002	10.20	-6.15e-02	0.41	9.73	-2.14	322.69	-2.96	38.17	281.57	-108.17
10	7	1003	-0.71	-7.92	-1.57	-7.06	2.34	893.37	-16.43	78.98	797.96	-278.75
10	7	1004	83.66	9.49	10.39	82.76	-8.13	1057.75	399.08	603.92	852.91	-304.90
10	7	1005	48.32	12.54	12.93	47.93	-3.71	1055.96	161.65	458.97	758.64	-421.30
10	7	1006	24.62	2.73	3.46	23.89	-3.92	996.36	27.23	269.86	753.72	-419.85
10	7	1007	79.02	14.55	16.87	76.70	-12.01	596.28	179.19	365.28	410.19	-207.33
10	7	1008	53.14	5.68	5.80	53.02	-2.40	650.86	109.60	317.92	442.54	-263.36
10	7	1009	28.62	0.24	0.24	28.62	-2.70e-02	647.53	25.13	201.19	471.48	-280.32
10	7	1010	81.22	-0.42	-7.45e-02	80.87	-5.32	272.04	82.41	170.61	183.85	-94.59
10	7	1011	56.04	-0.34	-0.29	55.98	-1.78	351.47	59.27	186.20	224.54	-144.84
10	7	1012	34.26	-1.99	-1.99	34.26	0.39	370.34	12.32	130.79	251.86	-168.46
10	7	1013	69.69	-0.35	2.74	66.59	-14.39	103.41	21.87	50.45	74.83	-38.91
10	7	1014	56.19	-3.06	-2.92	56.05	-2.88	160.34	13.57	86.38	87.53	-73.38
10	7	1015	39.39	-2.58	-2.55	39.37	-1.02	178.09	-11.32	71.77	95.00	-93.99
10	7	1016	65.76	-3.26	-2.83	65.34	-5.42	30.67	-26.25	-8.95	13.38	-26.18
10	7	1017	56.03	-3.69	-3.50	55.83	-3.37	55.74	-33.51	22.26	-2.33e-02	-43.21
10	7	1018	44.28	-2.26	-2.06	44.07	-3.08	69.61	-51.82	31.98	-14.19	-56.16
10	7	1019	60.39	-1.74	-0.45	59.11	-8.86	5.35	-62.07	-30.52	-26.19	-33.64
10	7	1020	56.40	-3.32	-3.03	56.11	-4.12	11.87	-84.24	-11.97	-60.40	-41.50
10	7	1021	49.17	-1.72	-1.19	48.64	-5.17	29.60	-110.11	11.37	-91.89	-47.05
10	7	1022	59.61	-2.30	-2.08	59.38	-3.70	11.75	-105.16	-34.09	-59.33	-57.08
10	7	1023	57.63	-2.62	-2.30	57.31	-4.37	4.20	-136.57	-25.81	-106.56	-57.65
10	7	1024	54.20	-1.22	-0.32	53.29	-7.02	25.25	-169.63	6.12	-150.50	-57.98
10	7	1025	57.40	-0.98	-0.69	57.12	-4.04	32.90	-150.89	-28.98	-89.02	-86.85
10	7	1026	59.80	-1.94	-1.59	59.45	-4.66	17.59	-189.79	-26.56	-145.64	-84.89
10	7	1027	59.47	-0.86	0.39	58.23	-8.58	40.16	-226.44	11.91	-198.20	-82.05
10	7	1028	60.01	-0.62	-0.59	59.98	-1.39	64.28	-204.32	-20.83	-119.21	-124.97
10	7	1029	62.95	-1.38	-1.07	62.64	-4.47	43.36	-244.48	-19.64	-181.48	-119.01
10	7	1030	65.15	-0.61	0.91	63.63	-9.87	67.79	-282.17	25.26	-239.64	-114.35
10	7	1031	59.72	-0.78	-0.76	59.71	0.97	97.14	-262.09	-13.83	-151.13	-165.98
10	7	1032	67.09	-1.06	-0.80	66.83	-4.21	77.24	-300.66	-7.37	-216.05	-157.53
10	7	1033	71.45	-0.47	1.25	69.72	-10.99	104.22	-336.82	43.97	-276.58	-151.46
10	7	1034	65.79	0.59	0.66	65.72	2.17	137.26	-326.40	-5.12	-184.01	-213.88
10	7	1035	72.60	-0.90	-0.74	72.44	-3.40	116.91	-356.56	9.17	-248.82	-198.50
10	7	1036	78.64	-0.41	1.46	76.77	-12.01	146.81	-387.87	66.91	-307.98	-190.62
10	7	1037	68.03	-2.54	-1.57	67.06	8.20	176.25	-394.79	1.25	-219.78	-263.26
10	7	1038	79.56	-1.06	-0.99	79.48	-2.50	162.42	-408.83	31.82	-278.23	-239.90
10	7	1039	87.07	-0.43	1.55	85.09	-13.02	194.04	-429.82	93.92	-329.70	-228.99
10	7	1040	79.09	0.83	1.75	78.16	8.45	229.07	-464.42	17.00	-252.35	-319.53
10	7	1041	88.96	-1.33	-1.32	88.95	-0.82	214.81	-449.89	63.32	-298.40	-278.83
10	7	1042	97.20	-0.48	1.59	95.13	-14.07	244.92	-453.07	125.48	-333.63	-262.87
10	7	1043	87.07	-8.43	-3.61	82.25	20.90	284.61	-528.64	38.03	-282.06	-373.81
10	7	1044	101.05	-1.97	-1.96	101.05	0.88	277.72	-468.52	110.86	-301.66	-310.93
10	7	1045	109.53	-0.53	1.59	107.41	-15.15	298.82	-442.74	162.75	-306.68	-287.03
10	7	1046	108.60	-0.41	3.33	104.85	19.85	378.57	-575.96	94.71	-292.10	-436.32
10	7	1047	117.59	-2.52	-2.39	117.46	4.04	356.71	-445.36	183.79	-272.44	-329.83
10	7	1048	124.73	-0.60	1.53	122.60	-16.20	354.66	-377.15	207.13	-229.61	-293.60
10	7	1049	130.24	-22.39	-7.10	114.95	45.83	500.82	-588.84	185.38	-273.39	-494.19
10	7	1050	139.67	-5.07	-4.85	139.44	5.75	463.74	-355.93	304.29	-196.47	-324.46
10	7	1051	143.04	-1.21	0.94	140.89	-17.48	409.83	-227.86	258.45	-76.49	-271.32
10	7	1052	181.45	-7.82	1.92	171.71	41.81	767.37	-586.70	409.76	-229.09	-596.95
10	7	1053	169.91	-13.88	-13.64	169.67	6.64	608.62	-149.70	503.69	-44.77	-261.84
10	7	1054	163.17	-2.45	-1.63e-02	160.74	-19.93	465.53	25.34	304.66	186.21	-211.97
10	7	1055	234.03	-148.35	-127.07	212.75	87.66	1157.65	-585.68	883.80	-311.83	-634.37
10	7	1056	197.38	-31.07	-29.74	196.05	-17.34	815.75	290.98	800.97	305.76	-86.83
10	7	1057	184.51	-3.57	1.08	179.86	-29.20	635.59	241.84	312.38	565.05	-150.99
10	7	1058	300.74	-86.53	-81.11	295.32	-45.48	2868.47	141.48	2735.84	274.11	-586.58
10	7	1059	207.05	16.00	32.49	190.56	-53.65	1133.23	982.24	1034.92	1080.54	71.96
10	7	1060	192.23	15.45	17.49	190.19	-18.88	915.08	233.31	285.85	862.55	-181.81
10	8	28	598.62	-554.90	567.78	-524.06	186.06	1.166e+04	843.56	1.108e+04	1428.46	-2446.31
10	8	46	206.94	-77.11	-76.19	206.02	-16.16	2273.74	486.91	1886.44	874.21	736.24
10	8	589	136.40	17.57	22.54	131.43	-23.78	454.96	125.09	177.90	402.16	-120.95
10	8	604	75.74	7.65	9.46	73.93	-10.96	65.19	-43.42	-34.73	56.49	-29.47
10	8	613	59.21	3.10	3.65	58.66	-5.55	19.46	-10.20	-0.70	9.96	-13.84
10	8	622	53.95	6.43	6.43	53.95	-0.11	45.91	-18.80	34.43	-7.33	-24.72
10	8	631	54.83	12.08	13.04	53.87	6.34	62.86	-61.45	32.23	-30.82	-53.57
10	8	640	64.24	16.98	23.57	57.65	16.37	64.75	-142.02	-10.91	-66.36	-99.60
10	8	649	93.90	17.50	42.86	68.54	35.97	67.31	-267.33	-89.17	-110.85	-166.97

10	8	658	185.63	13.42	88.66	110.39	85.42	133.79	-399.91	-147.63	-118.48	-266.45
10	8	667	742.65	23.02	386.28	379.39	359.80	662.21	-557.97	-19.86	124.10	-605.83
10	8	904	319.11	2.77	8.88	313.01	-43.53	595.36	-102.27	-24.90	517.98	-219.07
10	8	924	162.86	23.59	24.48	161.97	11.08	808.21	106.44	223.43	691.23	-261.55
10	8	925	88.05	14.27	86.32	16.00	11.17	1469.86	939.41	1025.94	1383.34	-195.99
10	8	926	351.11	293.75	332.12	312.74	-27.00	3191.15	2410.58	2696.43	2905.31	376.05
10	8	971	0.26	-1.39	0.26	-1.39	-7.89e-02	1325.14	24.92	210.44	1139.62	-454.75
10	8	972	4.49	-0.32	-0.18	4.34	-0.82	603.48	-7.26	65.17	531.05	-197.46
10	8	973	25.42	8.59e-02	1.65	23.85	-6.11	146.94	-2.62	24.79	119.53	-57.87
10	8	974	45.11	0.14	3.22	42.03	-11.35	13.96	-83.51	13.74	-83.28	-4.67
10	8	975	60.75	8.65e-02	4.34	56.50	-15.49	21.38	-180.23	21.35	-180.20	-2.51
10	8	976	75.37	2.16e-02	5.34	70.05	-19.31	39.54	-235.76	37.62	-233.85	-22.86
10	8	977	91.84	-4.33e-02	6.48	85.31	-23.60	65.99	-260.80	56.81	-251.61	-54.01
10	8	978	112.34	-0.15	7.89	104.30	-28.98	104.15	-214.44	73.23	-183.52	-94.31
10	8	979	141.18	-0.20	9.80	131.18	-36.25	231.37	-63.35	75.05	92.97	-147.09
10	8	980	181.52	8.67e-02	13.02	168.59	-46.68	726.41	-25.66	50.76	649.99	-227.23
10	8	981	28.57	6.30	12.82	22.04	-10.14	1286.17	73.39	301.41	1058.15	-473.85
10	8	982	27.71	7.52	12.75	22.48	-8.84	1484.89	284.05	509.55	1259.39	-468.97
10	8	983	107.42	10.43	34.76	83.09	-42.05	2011.63	806.84	984.80	1833.67	-427.48
10	8	984	137.22	49.88	77.21	109.90	-40.50	1309.34	159.85	289.64	1179.56	-363.79
10	8	985	105.01	-11.85	14.39	78.77	-48.77	182.21	-26.89	-4.71	160.03	-64.40
10	8	986	72.10	-3.32	7.92	60.87	-26.85	39.59	-26.19	-19.11	32.51	-20.39
10	8	987	56.63	-2.18	1.25	53.20	-13.79	33.60	-6.35	20.00	7.26	-18.93
10	8	988	50.69	-5.59	-5.06	50.16	-5.43	52.59	-37.44	28.34	-13.19	-39.94
10	8	989	49.95	-12.73	-12.65	49.87	2.30	56.88	-106.10	-6.25	-42.97	-79.40
10	8	990	53.98	-26.72	-24.59	51.84	12.96	54.42	-224.93	-87.40	-83.11	-139.66
10	8	991	66.17	-58.05	-49.34	57.45	31.73	74.64	-399.13	-209.86	-114.63	-232.05
10	8	992	102.14	-143.43	-125.91	84.62	63.21	298.88	-600.68	-311.60	9.80	-420.09
10	8	993	-87.30	-737.56	-714.51	-110.35	-120.24	-307.82	-3495.08	-3157.67	-645.22	-980.59
10	8	994	208.39	-1.37	11.86	195.17	-50.98	862.54	-31.39	44.69	786.46	-249.44
10	8	995	160.89	-3.36e-02	11.39	149.47	-41.32	442.06	-23.66	64.94	353.47	-182.78
10	8	996	125.25	-0.24	8.72	116.29	-32.30	140.51	-145.21	77.12	-81.82	-118.72
10	8	997	101.42	-8.60e-02	7.15	94.19	-26.11	82.63	-250.89	65.87	-234.13	-72.87
10	8	998	83.24	-8.66e-03	5.89	77.35	-21.35	51.79	-253.50	47.15	-248.86	-37.35
10	8	999	67.99	5.41e-02	4.84	63.20	-17.39	29.32	-211.26	28.82	-210.76	-10.92
10	8	1000	53.27	0.12	3.82	49.57	-13.52	15.96	-139.69	15.96	-139.69	0.56
10	8	1001	35.87	0.14	2.51	33.51	-8.89	31.45	-16.67	16.11	-1.33	-22.42
10	8	1002	14.34	-5.93e-02	0.71	13.57	-3.23	338.97	-3.82	41.20	293.95	-115.79
10	8	1003	-0.50	-1.91	-1.12	-1.30	0.70	924.66	-17.74	83.97	822.94	-292.43
10	8	1004	84.70	8.79	10.17	83.32	-10.14	1099.32	411.92	646.11	865.13	-325.79
10	8	1005	50.49	12.48	13.25	49.72	-5.37	1093.20	166.20	484.85	774.55	-440.29
10	8	1006	28.60	2.92	4.27	27.25	-5.74	1032.21	25.45	287.14	770.52	-441.56
10	8	1007	79.45	14.51	17.49	76.47	-13.60	632.80	194.31	405.63	421.49	-219.10
10	8	1008	54.65	6.29	6.64	54.31	-4.05	681.73	114.99	341.66	455.06	-277.64
10	8	1009	31.63	0.91	1.01	31.53	-1.74	675.63	23.91	214.99	484.55	-296.68
10	8	1010	81.70	0.42	0.97	81.14	-6.70	300.29	97.79	205.84	192.25	-101.02
10	8	1011	57.35	0.46	0.65	57.16	-3.29	375.90	64.88	207.47	233.31	-154.98
10	8	1012	36.76	-1.31	-1.28	36.73	-1.10	392.26	11.17	142.62	260.81	-181.15
10	8	1013	70.27	3.36e-02	3.69	66.61	-15.60	123.10	39.10	80.83	81.37	-42.00
10	8	1014	57.37	-2.36	-2.06	57.07	-4.25	179.71	18.72	104.87	93.56	-80.30
10	8	1015	41.55	-2.06	-1.94	41.43	-2.29	195.36	-12.83	81.71	100.82	-103.66
10	8	1016	66.16	-2.56	-1.91	65.51	-6.65	45.74	-8.86	17.91	18.96	-27.30
10	8	1017	57.04	-3.10	-2.74	56.69	-4.61	72.02	-29.57	38.22	4.23	-47.87
10	8	1018	46.10	-1.91	-1.55	45.74	-4.16	83.18	-53.57	40.21	-10.60	-63.48
10	8	1019	60.74	-1.32	0.32	59.11	-9.94	20.65	-48.15	-6.23	-21.27	-33.57
10	8	1020	57.22	-2.83	-2.36	56.76	-5.24	25.92	-81.30	1.97	-57.34	-44.66
10	8	1021	50.64	-1.47	-0.75	49.92	-6.10	39.63	-111.29	18.20	-89.86	-52.67
10	8	1022	59.81	-1.72	-1.34	59.43	-4.81	27.15	-93.52	-11.57	-54.80	-56.33
10	8	1023	58.25	-2.20	-1.71	57.76	-5.40	16.30	-134.04	-13.43	-104.31	-59.88
10	8	1024	55.31	-1.04	6.21e-02	54.20	-7.81	33.19	-170.92	11.87	-149.60	-62.43
10	8	1025	57.48	-0.53	-8.62e-02	57.04	-5.04	47.65	-140.35	-7.82	-84.88	-85.74
10	8	1026	60.19	-1.57	-1.06	59.68	-5.61	28.16	-187.53	-15.34	-144.02	-86.55
10	8	1027	60.21	-0.72	0.72	58.77	-9.25	46.87	-228.12	16.87	-198.13	-85.73
10	8	1028	59.98	-0.10	-3.30e-03	59.88	-2.43	78.31	-194.35	-0.70	-115.34	-123.69
10	8	1029	63.11	-1.04	-0.59	62.66	-5.35	52.85	-242.48	-9.29	-180.34	-120.38
10	8	1030	65.51	-0.49	1.21	63.81	-10.45	73.69	-284.24	29.67	-240.21	-117.56
10	8	1031	59.53	-0.28	-0.28	59.53	-2.50e-02	110.54	-252.70	5.43	-147.59	-164.71
10	8	1032	67.00	-0.75	-0.37	66.62	-5.06	85.99	-298.99	2.31	-215.31	-158.78
10	8	1033	71.41	-0.37	1.52	69.52	-11.49	109.60	-339.23	48.00	-277.64	-154.44
10	8	1034	65.50	1.09	1.11	65.48	1.11	150.10	-317.46	13.35	-180.71	-212.70
10	8	1035	72.25	-0.59	-0.34	72.00	-4.25	125.18	-355.23	18.34	-248.38	-199.79
10	8	1036	78.19	-0.31	1.71	76.16	-12.44	151.90	-390.58	70.70	-309.38	-193.54
10	8	1037	67.56	-1.93	-1.20	66.83	7.09	188.70	-386.43	19.00	-216.73	-262.30
10	8	1038	78.92	-0.75	-0.61	78.78	-3.37	170.42	-407.82	40.56	-277.96	-241.31
10	8	1039	86.16	-0.34	1.79	84.03	-13.40	199.07	-432.71	97.58	-331.22	-231.99
10	8	1040	78.51	1.40	2.08	77.83	7.23	241.11	-456.47	33.96	-249.32	-318.74
10	8	1041	88.02	-1.00	-0.96	87.98	-1.77	222.73	-449.07	71.71	-298.05	-280.44

10	8	1042	95.77	-0.38	1.83	93.56	-14.41	250.09	-455.95	129.10	-334.96	-266.06
10	8	1043	86.30	-7.58	-3.34	82.06	19.49	296.48	-521.09	54.26	-278.87	-373.31
10	8	1044	99.78	-1.59	-1.59	99.78	-0.17	285.73	-467.60	118.92	-300.79	-312.79
10	8	1045	107.51	-0.42	1.85	105.24	-15.48	304.38	-445.29	166.38	-307.29	-290.54
10	8	1046	107.71	0.45	3.65	104.51	18.25	390.16	-568.21	109.99	-288.04	-435.91
10	8	1047	115.94	-2.05	-1.98	115.87	2.84	365.03	-443.89	191.53	-270.38	-332.04
10	8	1048	122.02	-0.46	1.81	119.75	-16.52	360.97	-378.93	210.83	-228.79	-297.57
10	8	1049	129.16	-21.02	-6.82	114.96	43.95	512.55	-580.45	199.68	-267.58	-494.05
10	8	1050	137.65	-4.47	-4.34	137.52	4.41	472.62	-353.24	311.64	-192.26	-327.16
10	8	1051	139.56	-1.01	1.27	137.27	-17.77	417.46	-228.37	262.30	-73.21	-275.92
10	8	1052	180.25	-6.32	2.50	171.43	39.60	779.30	-576.89	422.44	-220.03	-597.18
10	8	1053	167.52	-13.04	-12.89	167.37	5.17	618.08	-144.75	510.75	-37.42	-265.25
10	8	1054	158.86	-2.17	0.38	156.30	-20.13	475.92	26.23	308.78	193.37	-217.31
10	8	1055	232.97	-145.59	-125.34	212.73	85.18	1170.26	-575.23	895.45	-300.41	-635.74
10	8	1056	194.94	-30.07	-28.53	193.39	-18.57	823.91	301.33	807.66	317.58	-90.72
10	8	1057	179.43	-3.24	1.52	174.67	-29.10	651.89	243.33	316.84	578.38	-156.94
10	8	1058	300.27	-84.12	-78.29	294.43	-47.00	2876.89	156.66	2744.07	289.48	-586.23
10	8	1059	204.91	16.82	33.93	187.80	-54.09	1144.78	995.26	1040.90	1099.14	68.85
10	8	1060	186.58	15.66	17.67	184.57	-18.43	939.96	236.34	290.04	886.26	-186.82
10	31	28	437.97	-407.99	415.17	-385.19	136.99	8536.95	618.76	8108.55	1047.17	-1791.27
10	31	46	154.10	-56.57	-55.88	153.41	-12.07	1675.24	354.33	1377.60	651.96	551.87
10	31	589	100.71	11.70	15.19	97.21	-17.29	328.08	72.06	110.04	290.09	-91.00
10	31	604	56.03	5.07	6.32	54.78	-7.88	44.24	-48.06	-41.35	37.54	-23.95
10	31	613	43.77	1.81	2.17	43.40	-3.88	10.20	-20.72	-14.40	3.88	-12.46
10	31	622	39.83	4.34	4.34	39.83	0.14	24.91	-20.95	12.50	-8.54	-20.37
10	31	631	40.47	8.55	9.33	39.70	4.90	38.51	-52.35	11.72	-25.56	-41.43
10	31	640	47.43	12.19	17.19	42.42	12.30	41.48	-112.01	-19.12	-51.41	-75.03
10	31	649	69.32	12.57	31.52	50.36	26.77	44.60	-203.92	-75.57	-83.75	-124.19
10	31	658	136.79	9.49	65.28	81.00	63.16	94.32	-300.22	-117.02	-88.88	-196.77
10	31	667	545.83	16.40	283.80	278.43	264.70	483.09	-413.57	-20.58	90.10	-444.90
10	31	904	237.46	2.14	6.71	232.88	-32.49	426.69	-75.34	-19.20	370.55	-158.21
10	31	924	120.61	17.38	17.99	120.00	7.90	587.22	75.91	161.42	501.71	-190.81
10	31	925	64.20	11.01	62.97	12.23	7.97	1076.01	686.61	750.02	1012.60	-143.77
10	31	926	257.10	214.85	242.78	229.17	-20.00	2337.83	1768.24	1974.77	2131.30	273.83
10	31	971	-3.83e-02	-3.97	-0.26	-3.75	0.90	962.21	17.94	151.56	828.59	-329.12
10	31	972	1.30	-0.28	-0.28	1.30	-6.62e-02	437.80	-5.02	46.62	386.16	-142.13
10	31	973	17.37	6.93e-02	1.13	16.31	-4.15	104.63	-1.51	17.38	85.75	-40.60
10	31	974	32.35	0.11	2.31	30.14	-8.14	9.57	-62.08	9.50	-62.02	-2.19
10	31	975	44.22	6.79e-02	3.17	41.13	-11.28	15.24	-132.41	15.23	-132.40	-0.99
10	31	976	55.29	1.92e-02	3.92	51.38	-14.16	28.53	-172.51	27.23	-171.20	-16.14
10	31	977	67.69	-2.97e-02	4.78	62.88	-17.39	47.90	-190.30	41.30	-183.71	-39.09
10	31	978	83.11	-0.11	5.84	77.16	-21.44	75.84	-155.81	53.29	-133.27	-68.66
10	31	979	104.83	-0.15	7.27	97.41	-26.90	169.64	-45.45	54.55	69.64	-107.28
10	31	980	135.29	6.62e-02	9.69	125.66	-34.77	531.89	-18.79	36.66	476.44	-165.71
10	31	981	19.68	4.53	9.24	14.97	-7.01	936.29	52.97	217.21	772.06	-343.65
10	31	982	20.01	5.85	9.85	16.01	-6.37	1083.08	205.63	368.78	919.92	-341.38
10	31	983	78.70	8.17	26.15	60.72	-30.74	1468.50	584.59	713.96	1339.13	-312.43
10	31	984	102.30	38.65	58.59	82.36	-29.52	954.60	90.56	185.78	859.38	-270.58
10	31	985	77.58	-8.34	10.65	58.59	-35.65	129.42	-36.92	-20.60	113.11	-49.47
10	31	986	53.24	-2.23	5.83	45.18	-19.55	25.74	-33.84	-28.35	20.26	-17.23
10	31	987	41.80	-1.51	0.91	39.38	-9.94	18.00	-14.28	1.68	2.05	-16.14
10	31	988	37.39	-4.10	-3.75	37.03	-3.81	31.20	-35.30	8.63	-12.73	-31.49
10	31	989	36.80	-9.43	-9.35	36.73	1.88	35.79	-86.23	-16.07	-34.36	-60.32
10	31	990	39.72	-19.79	-18.16	38.09	9.72	35.28	-173.72	-74.89	-63.54	-104.34
10	31	991	48.61	-42.89	-36.37	42.10	23.54	51.13	-301.12	-163.72	-86.27	-171.82
10	31	992	74.92	-105.58	-92.57	61.91	46.68	216.82	-447.48	-236.49	5.83	-309.26
10	31	993	-64.48	-542.04	-525.11	-81.41	-88.31	-225.05	-2565.59	-2318.23	-472.41	-719.57
10	31	994	155.49	-1.00	8.87	145.61	-38.05	628.57	-23.04	32.24	573.28	-181.57
10	31	995	119.68	-2.64e-02	8.46	111.20	-30.72	324.37	-17.03	47.09	260.24	-133.34
10	31	996	92.82	-0.17	6.46	86.19	-23.94	102.59	-105.00	56.11	-58.52	-86.53
10	31	997	74.89	-6.20e-02	5.28	69.55	-19.28	60.08	-182.77	47.93	-170.62	-52.94
10	31	998	61.22	-3.62e-03	4.33	56.88	-15.70	37.50	-185.23	34.22	-181.95	-26.83
10	31	999	49.71	4.36e-02	3.54	46.21	-12.71	21.05	-154.84	20.75	-154.54	-7.29
10	31	1000	38.55	9.23e-02	2.77	35.87	-9.78	11.24	-103.03	11.22	-103.01	1.43
10	31	1001	25.33	0.11	1.77	23.66	-6.26	20.77	-11.99	11.14	-2.36	-14.93
10	31	1002	8.89	-4.08e-02	0.40	8.45	-1.94	244.77	-2.48	29.25	213.04	-82.69
10	31	1003	-0.50	-3.75	-1.00	-3.26	1.17	671.29	-12.58	60.09	598.62	-210.74
10	31	1004	62.22	6.79	7.64	61.37	-6.79	796.60	298.73	460.80	634.53	-233.29
10	31	1005	36.45	9.27	9.69	36.03	-3.37	793.47	120.90	347.88	566.48	-318.03
10	31	1006	19.54	2.10	2.85	18.79	-3.55	748.88	19.55	205.26	563.18	-317.73
10	31	1007	58.55	10.74	12.73	56.56	-9.53	453.87	137.72	284.29	307.30	-157.65
10	31	1008	39.75	4.45	4.61	39.59	-2.40	492.10	82.95	243.21	331.83	-199.72
10	31	1009	22.12	0.44	0.46	22.10	-0.63	488.64	18.28	153.44	353.48	-212.85
10	31	1010	60.15	1.82e-02	0.36	59.81	-4.50	211.18	66.66	138.74	139.10	-72.26
10	31	1011	41.80	6.31e-02	0.15	41.71	-1.89	268.63	46.06	145.18	169.51	-110.61
10	31	1012	26.10	-1.21	-1.21	26.10	-0.24	281.73	8.97	100.81	189.90	-128.90
10	31	1013	51.67	-0.12	2.41	49.14	-11.15	83.26	22.93	48.24	57.95	-29.77

10	31	1014	41.84	-1.98	-1.82	41.68	-2.66	125.53	12.36	70.50	67.38	-56.56
10	31	1015	29.75	-1.70	-1.66	29.71	-1.21	137.97	-8.42	56.55	73.00	-72.73
10	31	1016	48.64	-2.13	-1.72	48.24	-4.52	27.72	-12.36	3.08	12.29	-19.50
10	31	1017	41.64	-2.49	-2.29	41.43	-2.98	47.01	-22.62	22.24	2.15	-33.33
10	31	1018	33.22	-1.53	-1.33	33.01	-2.66	56.26	-38.09	26.53	-8.35	-43.83
10	31	1019	44.66	-1.12	-9.47e-03	43.55	-7.03	9.04	-39.94	-13.80	-17.10	-24.44
10	31	1020	41.82	-2.25	-1.97	41.54	-3.49	13.67	-60.24	-3.79	-42.79	-31.39
10	31	1021	36.68	-1.17	-0.71	36.22	-4.15	25.22	-80.66	10.75	-66.18	-36.37
10	31	1022	43.97	-1.46	-1.23	43.74	-3.22	13.76	-72.47	-17.10	-41.62	-41.34
10	31	1023	42.62	-1.76	-1.45	42.32	-3.65	7.18	-98.84	-14.60	-77.06	-42.83
10	31	1024	40.23	-0.83	-8.46e-02	39.49	-5.47	21.14	-124.46	6.43	-109.75	-43.87
10	31	1025	42.29	-0.53	-0.25	42.01	-3.46	29.07	-106.46	-13.82	-63.57	-63.03
10	31	1026	44.11	-1.28	-0.95	43.78	-3.84	16.39	-138.02	-15.61	-106.02	-62.59
10	31	1027	43.95	-0.57	0.42	42.95	-6.57	31.56	-166.32	10.35	-145.11	-61.21
10	31	1028	44.13	-0.24	-0.19	44.08	-1.52	51.86	-145.87	-8.18	-85.83	-90.93
10	31	1029	46.31	-0.87	-0.58	46.02	-3.69	34.90	-178.24	-10.84	-132.50	-87.51
10	31	1030	47.95	-0.39	0.80	46.76	-7.49	51.52	-207.35	19.94	-175.76	-84.73
10	31	1031	43.84	-0.34	-0.34	43.84	0.20	75.78	-188.46	-3.32	-109.35	-121.02
10	31	1032	49.23	-0.64	-0.39	48.99	-3.50	59.51	-219.55	-2.06	-157.98	-115.72
10	31	1033	52.40	-0.30	1.04	51.06	-8.29	78.07	-247.52	33.54	-202.99	-111.87
10	31	1034	48.23	0.66	0.69	48.21	1.06	105.04	-235.75	2.81	-133.52	-156.17
10	31	1035	53.15	-0.52	-0.36	52.99	-2.92	88.48	-260.60	9.92	-182.05	-145.78
10	31	1036	57.49	-0.25	1.19	56.04	-9.02	109.24	-284.97	50.30	-226.03	-140.57
10	31	1037	49.79	-1.56	-0.98	49.21	5.44	133.53	-286.04	7.26	-159.77	-192.45
10	31	1038	58.13	-0.63	-0.54	58.04	-2.28	121.81	-298.92	26.42	-203.52	-176.17
10	31	1039	63.46	-0.27	1.26	61.93	-9.75	143.91	-315.61	70.08	-241.78	-168.74
10	31	1040	57.85	0.90	1.45	57.30	5.57	172.13	-337.07	18.54	-183.48	-233.70
10	31	1041	64.88	-0.81	-0.79	64.86	-1.10	160.26	-328.84	49.43	-218.01	-204.75
10	31	1042	70.64	-0.29	1.30	69.05	-10.51	181.35	-332.35	93.23	-244.24	-193.65
10	31	1043	63.62	-5.73	-2.51	60.40	14.59	212.82	-384.00	33.73	-204.91	-273.51
10	31	1044	73.59	-1.23	-1.23	73.59	8.45e-02	206.50	-342.04	84.20	-219.74	-228.31
10	31	1045	79.40	-0.33	1.31	77.76	-11.30	221.13	-324.21	120.57	-223.65	-211.49
10	31	1046	79.37	0.19	2.64	76.92	13.71	281.62	-418.00	74.96	-211.34	-319.18
10	31	1047	85.54	-1.58	-1.52	85.48	2.33	264.62	-324.20	137.55	-197.13	-242.23
10	31	1048	90.21	-0.36	1.28	88.57	-12.06	262.54	-275.24	153.12	-165.82	-216.50
10	31	1049	95.16	-15.65	-5.03	84.53	32.63	371.42	-426.26	141.10	-195.95	-361.49
10	31	1050	101.56	-3.37	-3.25	101.44	3.52	343.42	-257.28	225.69	-139.55	-238.45
10	31	1051	103.27	-0.77	0.87	101.62	-12.98	303.86	-164.70	190.76	-51.59	-200.51
10	31	1052	132.64	-4.85	1.79	126.00	29.48	567.10	-422.86	304.88	-160.65	-436.83
10	31	1053	123.55	-9.69	-9.56	123.42	4.13	449.90	-104.06	371.66	-25.83	-192.92
10	31	1054	117.63	-1.64	0.20	115.79	-14.70	346.79	21.58	224.69	143.69	-157.48
10	31	1055	171.24	-107.23	-92.18	156.18	62.97	853.48	-420.48	652.01	-219.01	-464.84
10	31	1056	143.64	-22.22	-21.15	142.56	-13.30	600.79	222.76	589.25	234.30	-65.03
10	31	1057	132.92	-2.44	1.01	129.47	-21.32	477.14	178.37	230.42	425.10	-113.32
10	31	1058	220.32	-62.16	-57.98	216.14	-34.11	2104.04	116.85	2006.84	214.05	-428.61
10	31	1059	150.82	12.17	24.53	138.46	-39.51	839.70	726.92	760.18	806.44	51.43
10	31	1060	138.33	11.42	12.89	136.86	-13.57	687.29	171.97	210.67	648.60	-135.80
10	32	28	440.12	-406.04	417.95	-383.86	135.18	8538.15	621.78	8113.15	1046.78	-1784.34
10	32	46	152.25	-56.96	-56.29	151.58	-11.82	1675.40	365.15	1401.40	639.16	532.85
10	32	589	100.94	14.12	18.01	97.04	-17.97	342.76	107.70	147.79	302.68	-88.41
10	32	604	55.90	6.08	7.55	54.43	-8.45	51.35	-20.17	-13.94	45.11	-20.17
10	32	613	43.63	2.61	3.11	43.13	-4.49	18.38	1.62	9.77	10.24	-8.38
10	32	622	39.65	5.02	5.03	39.65	-0.51	41.15	-8.68	35.12	-2.65	-16.25
10	32	631	40.17	9.18	9.76	39.60	4.18	52.44	-39.36	33.09	-20.01	-37.44
10	32	640	46.87	12.88	17.30	42.44	11.44	52.41	-97.77	0.80	-46.17	-71.32
10	32	649	68.32	13.53	31.24	50.61	25.63	53.25	-189.53	-57.58	-78.70	-120.93
10	32	658	135.33	11.05	64.65	81.73	61.55	102.06	-286.54	-101.45	-83.03	-194.08
10	32	667	542.09	19.25	282.24	279.10	261.41	494.35	-400.68	-7.39	101.06	-444.22
10	32	904	229.20	1.88	6.22	224.85	-31.12	461.89	-74.42	-16.18	403.64	-166.87
10	32	924	117.59	16.99	17.71	116.87	8.48	610.88	80.58	167.44	524.02	-196.26
10	32	925	64.79	9.64	63.45	10.99	8.50	1093.09	690.83	755.17	1028.75	-147.45
10	32	926	258.18	216.30	244.38	230.10	-19.69	2347.68	1780.39	1982.36	2145.71	271.63
10	32	971	1.42	-6.28e-02	0.51	0.85	-0.72	991.06	18.75	158.19	851.61	-340.79
10	32	972	4.66	-0.23	-2.56e-02	4.45	-0.97	452.57	-5.60	49.24	397.72	-148.73
10	32	973	19.59	6.46e-02	1.29	18.37	-4.73	112.56	-2.17	18.95	91.44	-44.46
10	32	974	33.71	0.11	2.41	31.41	-8.49	10.73	-59.91	10.46	-59.64	-4.38
10	32	975	44.86	6.72e-02	3.21	41.72	-11.45	15.92	-131.81	15.88	-131.77	-2.31
10	32	976	55.22	2.08e-02	3.93	51.31	-14.15	29.23	-172.94	27.78	-171.49	-17.09
10	32	977	66.81	-2.50e-02	4.73	62.06	-17.18	48.73	-191.13	41.87	-184.27	-39.99
10	32	978	81.15	-9.97e-02	5.72	75.33	-20.95	77.22	-156.26	54.00	-133.04	-69.88
10	32	979	101.28	-0.14	7.05	94.09	-26.03	173.86	-45.54	55.54	72.78	-109.36
10	32	980	129.68	5.97e-02	9.31	120.42	-33.37	544.00	-18.71	38.14	487.15	-169.58
10	32	981	22.14	4.73	9.68	17.19	-7.86	960.30	54.91	226.27	788.94	-354.66
10	32	982	20.83	5.34	9.15	17.02	-6.66	1107.23	212.16	381.23	938.15	-350.36
10	32	983	79.92	7.48	25.52	61.88	-31.33	1499.34	602.53	735.67	1366.20	-318.87
10	32	984	100.84	35.19	55.75	80.28	-30.45	977.80	140.23	236.72	881.30	-267.41
10	32	985	77.78	-9.18	10.73	57.87	-36.54	138.82	-7.10	9.46	122.26	-46.29

10	32	986	53.39	-2.68	6.00	44.71	-20.28	32.04	-8.51	-3.51	27.04	-13.34
10	32	987	41.84	-1.66	1.11	39.08	-10.61	30.95	1.78	24.60	8.13	-12.03
10	32	988	37.36	-4.00	-3.52	36.88	-4.43	44.85	-21.48	30.42	-7.04	-27.37
10	32	989	36.79	-9.09	-9.06	36.75	1.25	46.61	-71.01	4.64	-29.04	-56.35
10	32	990	39.83	-19.19	-17.77	38.41	9.06	43.62	-157.71	-55.53	-58.57	-100.65
10	32	991	49.05	-41.97	-35.86	42.94	22.78	57.89	-285.38	-146.21	-81.28	-168.54
10	32	992	76.05	-104.19	-91.77	63.63	45.64	224.35	-431.98	-220.92	13.30	-306.56
10	32	993	-61.27	-537.73	-520.60	-78.41	-88.72	-216.33	-2550.59	-2304.64	-462.28	-716.67
10	32	994	148.92	-1.00	8.43	139.49	-36.39	650.29	-22.96	33.80	593.53	-187.05
10	32	995	115.12	-2.07e-02	8.17	106.93	-29.60	331.69	-17.12	48.31	266.26	-136.16
10	32	996	90.15	-0.16	6.30	83.69	-23.28	104.83	-105.10	56.94	-57.20	-88.09
10	32	997	73.52	-5.52e-02	5.20	68.27	-18.94	61.09	-183.52	48.55	-170.98	-53.94
10	32	998	60.77	-6.16e-04	4.31	56.46	-15.60	38.25	-185.95	34.77	-182.47	-27.71
10	32	999	50.00	4.40e-02	3.57	46.47	-12.79	21.73	-154.84	21.33	-154.44	-8.38
10	32	1000	39.54	9.06e-02	2.84	36.79	-10.05	11.99	-101.64	11.99	-101.64	-0.24
10	32	1001	27.09	0.11	1.90	25.30	-6.72	25.54	-11.76	12.36	1.42	-17.83
10	32	1002	11.65	-4.12e-02	0.60	11.00	-2.67	255.63	-3.06	31.28	221.29	-87.77
10	32	1003	0.59	-0.70	-0.70	0.59	7.47e-02	692.15	-13.47	63.42	615.27	-219.86
10	32	1004	62.94	6.30	7.49	61.75	-8.13	824.70	306.91	488.92	642.68	-247.21
10	32	1005	37.93	9.19	9.91	37.22	-4.48	818.36	123.86	365.14	577.08	-330.69
10	32	1006	22.23	2.19	3.39	21.03	-4.76	772.84	18.31	216.77	574.38	-332.21
10	32	1007	58.86	10.69	13.14	56.41	-10.59	478.53	147.50	311.20	314.83	-165.50
10	32	1008	40.79	4.82	5.16	40.44	-3.50	512.74	86.48	259.04	340.18	-209.24
10	32	1009	24.18	0.84	0.97	24.05	-1.78	507.42	17.43	162.65	362.20	-223.76
10	32	1010	60.48	0.56	1.05	59.99	-5.42	230.52	76.41	162.23	144.70	-76.55
10	32	1011	42.70	0.58	0.78	42.50	-2.90	285.00	49.71	159.36	175.35	-117.37
10	32	1012	27.80	-0.79	-0.73	27.75	-1.24	296.38	8.17	108.70	195.86	-137.36
10	32	1013	52.07	0.13	3.04	49.15	-11.95	97.39	33.42	68.49	62.31	-31.83
10	32	1014	42.65	-1.54	-1.25	42.36	-3.57	138.55	15.68	82.83	71.41	-61.17
10	32	1015	31.21	-1.38	-1.25	31.08	-2.06	149.50	-9.44	63.17	76.88	-79.18
10	32	1016	48.92	-1.68	-1.11	48.35	-5.34	38.90	-1.90	20.99	16.01	-20.24
10	32	1017	42.33	-2.11	-1.78	42.00	-3.81	57.95	-20.08	32.88	4.98	-36.44
10	32	1018	34.45	-1.31	-0.98	34.12	-3.39	65.31	-39.25	32.01	-5.95	-48.72
10	32	1019	44.91	-0.85	0.50	43.55	-7.75	19.99	-31.41	2.39	-13.82	-24.39
10	32	1020	42.38	-1.94	-1.52	41.97	-4.24	23.08	-58.33	5.50	-40.74	-33.50
10	32	1021	37.67	-1.01	-0.41	37.07	-4.77	31.94	-81.46	15.31	-64.83	-40.12
10	32	1022	44.13	-1.09	-0.74	43.77	-3.97	24.39	-65.08	-2.08	-38.60	-40.84
10	32	1023	43.04	-1.49	-1.06	42.62	-4.34	15.27	-97.18	-6.35	-75.57	-44.31
10	32	1024	40.97	-0.71	0.17	40.09	-5.99	26.44	-125.33	10.26	-109.15	-46.84
10	32	1025	42.36	-0.24	0.16	41.95	-4.13	39.11	-99.64	0.29	-60.81	-62.29
10	32	1026	44.38	-1.04	-0.60	43.93	-4.47	23.47	-136.53	-8.13	-104.94	-63.69
10	32	1027	44.45	-0.48	0.65	43.32	-7.03	36.04	-167.45	13.66	-145.07	-63.66
10	32	1028	44.12	9.29e-02	0.20	44.01	-2.21	61.35	-139.36	5.24	-83.25	-90.08
10	32	1029	46.43	-0.65	-0.26	46.03	-4.28	41.25	-176.93	-3.94	-131.74	-88.41
10	32	1030	48.20	-0.32	1.00	46.88	-7.88	55.46	-208.73	22.87	-176.14	-86.87
10	32	1031	43.73	-1.92e-02	-1.43e-02	43.72	-0.46	84.81	-182.29	9.52	-107.00	-120.17
10	32	1032	49.18	-0.44	-0.11	48.84	-4.07	65.36	-218.45	4.39	-157.48	-116.56
10	32	1033	52.38	-0.23	1.22	50.93	-8.62	81.65	-249.13	36.22	-203.70	-113.86
10	32	1034	48.05	0.98	0.99	48.05	0.35	113.67	-229.86	15.12	-131.32	-155.38
10	32	1035	52.93	-0.32	-9.28e-02	52.70	-3.49	94.01	-259.73	16.03	-181.76	-146.64
10	32	1036	57.19	-0.19	1.36	55.64	-9.31	112.64	-286.77	52.82	-226.96	-142.52
10	32	1037	49.49	-1.17	-0.73	49.05	4.69	141.88	-280.52	19.09	-157.73	-191.81
10	32	1038	57.71	-0.43	-0.29	57.57	-2.87	127.16	-298.25	32.24	-203.34	-177.11
10	32	1039	62.85	-0.21	1.42	61.22	-10.00	147.26	-317.54	72.52	-242.80	-170.74
10	32	1040	57.48	1.27	1.67	57.08	4.75	180.19	-331.80	29.85	-181.47	-233.18
10	32	1041	64.26	-0.59	-0.55	64.21	-1.73	165.55	-328.29	55.03	-217.77	-205.83
10	32	1042	69.69	-0.23	1.46	68.00	-10.74	184.80	-334.28	95.64	-245.12	-195.78
10	32	1043	63.12	-5.18	-2.33	60.28	13.65	220.75	-378.99	44.55	-202.78	-273.18
10	32	1044	72.75	-0.99	-0.98	72.75	-0.62	211.84	-341.42	89.57	-219.15	-229.56
10	32	1045	78.05	-0.25	1.48	76.32	-11.52	224.84	-325.91	122.99	-224.06	-213.82
10	32	1046	78.79	0.75	2.85	76.69	12.64	289.36	-412.85	85.14	-208.63	-318.90
10	32	1047	84.45	-1.27	-1.25	84.42	1.53	270.17	-323.22	142.71	-195.75	-243.70
10	32	1048	88.41	-0.27	1.47	86.68	-12.28	266.75	-276.43	155.58	-165.27	-219.15
10	32	1049	94.45	-14.75	-4.84	84.54	31.37	379.24	-420.67	150.64	-192.07	-361.39
10	32	1050	100.23	-2.98	-2.91	100.16	2.62	349.34	-255.50	230.59	-136.74	-240.26
10	32	1051	100.95	-0.64	1.09	99.21	-13.18	308.96	-165.04	193.32	-49.40	-203.57
10	32	1052	131.86	-3.87	2.18	125.81	28.00	575.04	-416.33	313.33	-154.62	-436.99
10	32	1053	121.96	-9.13	-9.06	121.88	3.15	456.22	-100.78	376.37	-20.92	-195.20
10	32	1054	114.76	-1.46	0.47	112.84	-14.83	353.76	22.14	227.43	148.46	-161.04
10	32	1055	170.54	-105.40	-91.02	156.17	61.32	861.89	-413.51	659.78	-211.40	-465.75
10	32	1056	142.02	-21.56	-20.34	140.79	-14.12	606.27	229.62	593.71	242.18	-67.63
10	32	1057	129.54	-2.22	1.30	126.02	-21.26	488.01	179.37	233.39	433.99	-117.28
10	32	1058	220.02	-60.56	-56.10	215.55	-35.12	2109.66	126.97	2012.32	224.30	-428.38
10	32	1059	149.40	12.70	25.49	136.62	-39.81	847.92	735.08	764.17	818.84	49.35
10	32	1060	134.56	11.56	13.01	133.11	-13.27	703.88	173.99	213.47	664.41	-139.14
10	37	28	376.55	-343.23	358.76	-325.44	111.77	7214.79	536.91	6864.42	887.29	-1488.96
10	37	46	131.91	-49.51	-48.95	131.34	-10.07	1449.97	329.72	1236.11	543.58	440.27

10	37	589	88.59	14.63	18.57	84.66	-16.59	313.08	123.81	161.41	275.49	-75.52
10	37	604	48.75	6.10	7.75	47.11	-8.21	51.37	5.64	10.82	46.19	-14.49
10	37	613	37.83	2.86	3.54	37.16	-4.82	29.52	13.94	28.66	14.80	-3.55
10	37	622	34.13	4.85	4.92	34.06	-1.46	51.73	1.35	49.68	3.40	-9.95
10	37	631	34.23	8.44	8.67	34.00	2.43	58.47	-22.78	47.29	-11.59	-27.99
10	37	640	39.41	11.89	14.72	36.58	8.36	55.06	-70.52	18.51	-33.97	-57.04
10	37	649	56.92	13.15	26.08	43.99	19.97	53.36	-147.83	-33.28	-61.19	-99.62
10	37	658	113.23	12.43	54.09	71.56	49.64	95.34	-229.06	-72.48	-61.23	-162.10
10	37	667	454.52	22.47	237.34	239.64	216.02	442.28	-320.00	9.83	112.45	-377.67
10	37	904	183.61	1.24	4.62	180.23	-24.59	455.42	-61.94	-8.65	402.13	-157.26
10	37	924	95.62	13.61	14.41	94.82	8.05	565.26	74.07	150.69	488.64	-178.23
10	37	925	55.47	6.27	54.15	7.59	7.94	968.84	590.95	648.06	911.74	-135.35
10	37	926	221.07	185.89	209.49	197.48	-16.53	2014.80	1546.32	1696.57	1864.55	218.67
10	37	971	5.18	0.18	1.05	4.31	-1.90	888.80	17.02	143.35	762.47	-306.87
10	37	972	6.57	-0.18	0.18	6.21	-1.52	408.90	-5.35	45.12	358.42	-135.51
10	37	973	18.53	6.24e-02	1.24	17.35	-4.51	106.85	-2.27	17.73	86.85	-42.22
10	37	974	29.96	0.10	2.16	27.90	-7.57	10.18	-47.87	9.63	-47.32	-5.61
10	37	975	38.79	6.95e-02	2.80	36.06	-9.92	13.95	-111.18	13.89	-111.11	-2.78
10	37	976	46.77	3.26e-02	3.35	43.45	-12.01	25.24	-146.90	23.92	-145.57	-15.05
10	37	977	55.50	-2.10e-03	3.97	51.53	-14.30	42.07	-161.60	35.96	-155.49	-34.74
10	37	978	66.01	-6.11e-02	4.71	61.24	-17.09	67.66	-129.41	46.49	-108.23	-61.03
10	37	979	80.69	-9.62e-02	5.68	74.92	-20.81	159.21	-35.91	48.32	74.98	-96.64
10	37	980	102.08	4.15e-02	7.36	94.76	-26.33	492.27	-15.60	34.57	442.10	-151.54
10	37	981	21.35	4.26	8.88	16.73	-7.59	858.20	49.14	204.32	703.02	-318.54
10	37	982	18.91	4.24	7.49	15.66	-6.09	986.81	189.22	341.67	834.36	-313.61
10	37	983	70.94	6.19	22.12	55.02	-27.89	1335.15	537.42	657.00	1215.56	-284.77
10	37	984	87.11	27.26	46.05	68.31	-27.78	875.16	166.86	252.45	789.56	-230.87
10	37	985	68.48	-8.95	9.66	49.87	-33.08	129.85	18.74	33.76	114.83	-37.99
10	37	986	46.96	-2.87	5.64	38.46	-18.74	33.85	13.58	17.75	29.67	-8.20
10	37	987	36.57	-1.56	1.44	33.57	-10.27	42.21	11.33	40.80	12.73	-6.43
10	37	988	32.40	-3.17	-2.49	31.72	-4.89	52.38	-7.54	45.37	-0.53	-19.26
10	37	989	31.81	-7.15	-7.15	31.81	-8.23e-03	50.35	-47.17	22.71	-19.53	-43.94
10	37	990	34.62	-15.35	-14.45	33.73	6.61	44.85	-119.42	-29.83	-44.74	-81.80
10	37	991	43.18	-34.24	-29.70	38.65	18.18	55.82	-227.31	-108.74	-62.76	-139.69
10	37	992	67.76	-86.10	-76.60	58.25	37.04	203.32	-347.83	-171.54	27.02	-257.07
10	37	993	-44.90	-449.11	-433.90	-60.11	-76.92	-158.16	-2135.23	-1930.22	-363.17	-602.74
10	37	994	117.46	-0.84	6.54	110.08	-28.61	598.32	-19.38	31.20	547.74	-169.36
10	37	995	91.02	-8.08e-03	6.51	84.50	-23.47	302.22	-13.82	42.62	245.79	-121.05
10	37	996	72.54	-0.11	5.12	67.30	-18.79	93.81	-84.92	49.19	-40.30	-77.36
10	37	997	60.45	-2.53e-02	4.32	56.11	-15.62	52.98	-154.05	41.73	-142.79	-46.94
10	37	998	50.98	1.63e-02	3.65	47.35	-13.11	32.98	-157.78	29.88	-154.68	-24.14
10	37	999	42.77	5.09e-02	3.08	39.74	-10.96	18.85	-131.32	18.46	-130.92	-7.72
10	37	1000	34.61	8.86e-02	2.51	32.19	-8.81	10.73	-84.57	10.71	-84.55	-1.43
10	37	1001	24.62	9.95e-02	1.74	22.97	-6.13	27.48	-8.98	11.60	6.90	-18.08
10	37	1002	12.10	-2.82e-02	0.69	11.39	-2.85	234.10	-3.12	28.93	202.05	-81.09
10	37	1003	3.58	-0.52	-0.36	3.42	-0.78	622.28	-12.44	58.02	551.81	-199.40
10	37	1004	55.78	5.10	6.54	54.33	-8.44	745.64	271.78	449.16	568.25	-229.33
10	37	1005	34.40	7.95	8.92	33.43	-4.96	735.79	110.03	331.95	513.87	-299.36
10	37	1006	21.53	1.96	3.44	20.05	-5.18	695.06	15.04	198.06	512.04	-301.60
10	37	1007	51.80	9.22	11.95	49.08	-10.43	440.26	136.09	294.38	281.97	-151.96
10	37	1008	36.43	4.52	5.05	35.90	-4.09	465.93	78.51	239.05	305.39	-190.85
10	37	1009	22.68	1.01	1.31	22.39	-2.51	459.64	14.89	149.37	325.16	-204.26
10	37	1010	53.07	0.99	1.63	52.43	-5.74	219.09	74.59	161.74	131.95	-70.70
10	37	1011	37.89	0.95	1.29	37.56	-3.49	263.55	47.16	151.13	159.58	-108.12
10	37	1012	25.46	-0.35	-0.21	25.31	-1.92	272.12	7.30	101.39	178.02	-126.75
10	37	1013	45.79	0.27	3.33	42.73	-11.39	98.79	37.53	77.17	59.15	-29.28
10	37	1014	37.69	-0.94	-0.52	37.27	-4.01	132.63	17.81	82.93	67.51	-56.89
10	37	1015	28.14	-0.94	-0.72	27.93	-2.51	140.97	-7.59	60.65	72.74	-74.03
10	37	1016	42.76	-1.06	-0.33	42.03	-5.61	45.15	6.91	33.65	18.41	-17.54
10	37	1017	37.23	-1.49	-1.04	36.78	-4.16	59.98	-13.29	37.92	8.78	-33.61
10	37	1018	30.68	-0.94	-0.53	30.28	-3.56	64.61	-32.68	32.42	-0.49	-45.78
10	37	1019	39.22	-0.53	1.01	37.67	-7.69	27.32	-19.16	15.90	-7.74	-20.01
10	37	1020	37.07	-1.39	-0.86	36.54	-4.49	27.76	-46.45	12.82	-31.51	-29.76
10	37	1021	33.20	-0.73	-7.29e-02	32.54	-4.68	32.87	-68.37	16.91	-52.40	-36.90
10	37	1022	38.29	-0.60	-0.10	37.79	-4.39	29.84	-48.21	10.91	-29.28	-33.45
10	37	1023	37.43	-1.03	-0.49	36.89	-4.53	19.42	-79.92	1.52	-62.01	-38.18
10	37	1024	35.76	-0.50	0.41	34.85	-5.67	26.44	-106.00	11.71	-91.28	-41.63
10	37	1025	36.65	6.49e-02	0.64	36.07	-4.55	41.56	-77.89	12.19	-48.52	-51.44
10	37	1026	38.36	-0.67	-0.11	37.80	-4.63	25.29	-113.65	-0.80	-87.56	-54.26
10	37	1027	38.44	-0.32	0.81	37.32	-6.51	33.64	-142.22	14.01	-122.59	-55.38
10	37	1028	37.97	0.41	0.63	37.74	-2.89	59.88	-111.82	15.88	-67.81	-74.96
10	37	1029	39.88	-0.34	0.16	39.38	-4.46	39.74	-148.21	2.25	-110.72	-75.10
10	37	1030	41.34	-0.19	1.10	40.05	-7.19	49.61	-177.57	21.50	-149.45	-74.82
10	37	1031	37.47	0.36	0.42	37.41	-1.46	79.48	-148.53	19.14	-88.19	-100.58
10	37	1032	42.00	-0.15	0.29	41.55	-4.29	59.88	-183.63	9.02	-132.77	-98.98
10	37	1033	44.57	-0.12	1.29	43.16	-7.79	71.63	-212.00	32.66	-173.04	-97.64
10	37	1034	41.03	1.22	1.23	41.01	-0.80	103.68	-189.02	23.53	-108.87	-130.52

10	37	1035	44.94	-3.92e-02	0.29	44.61	-3.85	84.08	-218.71	18.72	-153.35	-124.57
10	37	1036	48.28	-8.02e-02	1.41	46.79	-8.35	97.92	-243.86	46.70	-192.64	-121.99
10	37	1037	42.08	-0.44	-0.26	41.90	2.75	127.49	-232.14	26.58	-131.24	-161.57
10	37	1038	48.75	-0.10	0.13	48.52	-3.39	112.26	-251.17	32.38	-171.29	-150.50
10	37	1039	52.67	-8.89e-02	1.47	51.11	-8.93	127.49	-269.53	63.44	-205.48	-146.03
10	37	1040	48.79	1.62	1.77	48.64	2.69	159.76	-275.30	35.31	-150.85	-196.61
10	37	1041	54.04	-0.19	-7.53e-02	53.92	-2.54	145.02	-275.97	51.66	-182.62	-174.89
10	37	1042	57.99	-9.85e-02	1.52	56.37	-9.55	159.72	-282.77	83.12	-206.16	-167.41
10	37	1043	53.43	-3.52	-1.69	51.60	10.04	194.16	-314.60	47.47	-167.90	-230.47
10	37	1044	60.95	-0.44	-0.39	60.90	-1.72	184.61	-285.68	80.89	-181.96	-194.99
10	37	1045	64.51	-9.23e-02	1.56	62.85	-10.21	194.35	-274.02	106.37	-186.05	-182.93
10	37	1046	66.68	1.64	2.88	65.44	8.91	252.25	-341.19	81.42	-170.37	-268.69
10	37	1047	70.54	-0.54	-0.54	70.54	-6.81e-02	234.64	-267.78	125.81	-158.95	-206.97
10	37	1048	72.63	-5.97e-02	1.59	70.98	-10.84	231.06	-229.66	134.04	-132.64	-187.84
10	37	1049	79.82	-10.92	-3.69	72.59	24.57	328.98	-344.36	136.51	-151.89	-304.22
10	37	1050	83.59	-1.79	-1.79	83.58	0.73	302.63	-206.66	199.98	-104.02	-204.30
10	37	1051	82.52	-0.31	1.33	80.88	-11.54	269.07	-132.38	166.05	-29.36	-175.34
10	37	1052	111.46	-1.40	2.76	107.31	21.25	495.94	-335.60	273.22	-112.88	-368.23
10	37	1053	101.64	-6.71	-6.70	101.63	1.12	393.99	-70.19	323.20	0.59	-166.87
10	37	1054	93.45	-0.90	0.86	91.69	-12.77	312.63	27.47	195.02	145.07	-140.37
10	37	1055	144.33	-86.16	-75.09	133.25	49.30	739.92	-328.31	566.61	-155.00	-393.83
10	37	1056	118.55	-17.12	-15.83	117.26	-13.17	519.12	219.16	506.76	231.53	-59.63
10	37	1057	105.29	-1.51	1.56	102.22	-17.83	441.18	154.70	200.11	395.77	-104.63
10	37	1058	186.57	-48.71	-44.44	182.30	-31.41	1789.56	141.44	1707.13	223.87	-359.26
10	37	1059	124.94	11.68	23.11	113.51	-34.12	746.53	633.93	649.98	730.49	39.36
10	37	1060	109.03	10.00	11.16	107.87	-10.65	636.40	148.87	182.39	602.88	-123.36

M_G	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		-744.02	-721.27	-526.05	-120.24		-3517.59	-3178.06	-660.42	-2456.71
	748.27		567.78	379.39	364.74	1.166e+04		1.108e+04	2905.31	764.77

Macro	Tipo	Angolo 1-X (gradi)
11	Guscio	0.0

M_G	Cmb	Nodo	N max daN/cm	N min daN/cm	N 1 daN/cm	N 2 daN/cm	N 1-2 daN/cm	M max daN	M min daN	M 1 daN	M 2 daN	M 1-2 daN
11	8	46	141.37	-111.00	-107.89	138.26	27.81	4287.56	1961.58	4115.99	2133.16	-607.98
11	8	62	34.86	-3.49	16.17	15.20	19.17	1897.06	313.27	636.86	1573.47	638.59
11	8	971	1.91	-2.85	1.45	-2.39	-1.41	1330.81	-12.51	214.10	1104.20	-503.05
11	8	981	32.87	6.61	13.15	26.33	-11.36	1278.30	25.25	266.99	1036.56	-494.44
11	8	982	62.24	11.75	16.82	57.17	-15.17	1454.50	254.56	489.21	1219.85	-475.92
11	8	983	1.90	-23.78	-6.01	-15.88	-11.85	1605.87	781.41	817.95	1569.33	-169.66
11	8	1061	15.15	-21.28	15.11	-21.25	1.16	1509.79	1285.89	1371.45	1424.24	-108.79
11	8	1062	6.55	-18.56	6.50	-18.51	1.17	387.08	188.45	332.02	243.52	88.91
11	8	1063	-1.89	-23.68	-1.98	-23.59	1.39	35.97	-680.66	-128.07	-516.62	301.08
11	8	1064	-6.95	-25.42	-7.86	-24.52	3.99	-95.72	-1257.96	-338.74	-1014.94	472.64
11	8	1065	-8.88	-26.02	-12.54	-22.37	7.02	-138.26	-1578.32	-422.11	-1294.47	572.88
11	8	1066	-7.68	-26.72	-16.49	-17.92	9.49	-130.41	-1648.56	-416.05	-1362.93	593.34
11	8	1067	-3.99	-26.97	-19.17	-11.78	10.88	-59.45	-1465.88	-313.23	-1212.10	540.85
11	8	1068	2.36	-24.28	-17.74	-4.17	11.46	164.06	-1011.49	-42.50	-804.93	447.39
11	8	1069	16.68	-15.48	-5.89	7.09	14.71	777.86	-192.86	579.50	5.50	391.41
11	8	1070	23.73	-1.63e-02	5.21	18.50	-9.84	984.24	-7.36	171.11	805.77	-380.94
11	8	1071	41.93	4.01e-02	8.36	33.61	-16.71	200.62	-3.25	28.53	168.84	-73.96
11	8	1072	57.37	0.14	11.26	46.25	-22.65	1.39	-602.90	-108.33	-493.18	232.95
11	8	1073	67.85	0.19	13.19	54.85	-26.65	4.31	-1190.80	-212.02	-974.47	460.15
11	8	1074	71.32	0.20	13.75	57.77	-27.93	5.25	-1512.32	-273.49	-1233.58	587.62
11	8	1075	67.12	0.22	12.86	54.48	-26.19	4.89	-1561.93	-285.84	-1271.20	609.09
11	8	1076	54.15	0.26	10.26	44.15	-20.95	4.11	-1338.47	-241.71	-1092.65	519.24
11	8	1077	29.48	9.66e-02	4.86	24.72	-10.83	4.03	-857.45	-140.01	-713.42	321.46
11	8	1078	-0.78	-2.22	-0.85	-2.14	-0.32	17.01	-59.35	9.51	-51.85	-22.72
11	8	1079	16.41	8.90e-02	5.70	10.79	7.75	96.53	-228.82	73.37	-205.66	-83.65
11	8	1080	36.54	0.11	16.71	19.93	18.14	138.02	-68.46	131.26	-61.70	36.76
11	8	1081	48.94	4.04	22.29	30.69	22.05	598.43	-114.53	348.52	135.38	340.18
11	8	1082	37.99	-3.01	19.38	15.60	20.41	1230.38	355.12	924.31	661.20	417.39
11	8	1083	7.79	-20.59	-13.40	0.60	12.34	400.35	-661.06	209.92	-470.63	407.26
11	8	1084	-1.31	-26.24	-19.31	-8.23	11.17	22.13	-1275.55	-208.03	-1045.39	495.68
11	8	1085	-6.11	-27.00	-18.07	-15.04	10.34	-105.91	-1589.45	-379.17	-1316.19	575.09
11	8	1086	-8.65	-26.35	-14.60	-20.40	8.36	-140.25	-1644.73	-429.74	-1355.23	593.07
11	8	1087	-8.32	-25.74	-10.30	-23.77	5.53	-124.31	-1449.44	-392.78	-1180.97	532.62
11	8	1088	-4.81	-24.82	-5.14	-24.49	2.55	-46.05	-1002.48	-254.07	-794.47	394.57
11	8	1089	1.82	-21.65	1.79	-21.62	0.82	170.17	-287.35	57.13	-174.31	197.33

11	8	1090	12.27	-15.22	12.03	-14.98	2.55	771.15	736.19	745.42	761.91	-15.42
11	8	1091	31.89	-13.92	7.61	10.36	22.87	2533.35	1976.41	2249.72	2260.04	-278.42
11	8	1092	11.92	-0.57	3.52	7.83	-5.86	1198.68	-5.82	224.11	968.75	-473.37
11	8	1093	33.32	7.72e-04	6.78	26.54	-13.41	622.64	-5.62	102.54	514.48	-237.17
11	8	1094	50.06	0.10	9.88	40.28	-19.82	-0.23	-220.58	-42.77	-178.04	86.97
11	8	1095	63.45	0.16	12.35	51.26	-24.96	3.09	-929.40	-165.48	-760.83	358.86
11	8	1096	70.51	0.20	13.65	57.06	-27.65	4.95	-1385.42	-248.50	-1131.97	536.80
11	8	1097	70.22	0.21	13.50	56.92	-27.46	5.21	-1571.20	-286.23	-1279.77	611.95
11	8	1098	61.87	0.23	11.82	50.29	-24.08	4.53	-1484.23	-271.20	-1208.50	578.33
11	8	1099	43.49	0.32	8.10	35.72	-16.59	2.77	-1127.07	-198.11	-926.19	431.99
11	8	1100	12.62	-0.75	0.41	11.46	-3.76	-3.69	-509.93	-66.59	-447.03	166.99
11	8	1101	25.97	-8.30	-8.29	25.96	0.57	67.22	-827.33	-19.32	-740.79	264.44
11	8	1102	30.21	-5.42	-4.97	29.76	-3.97	39.75	-1135.87	-122.44	-973.68	405.42
11	8	1103	34.94	-3.02	-1.09	33.01	-8.34	19.87	-1350.98	-198.04	-1133.07	501.24
11	8	1104	39.46	-1.73	2.10	35.63	-11.97	7.02	-1494.99	-248.69	-1239.28	564.53
11	8	1105	42.62	-1.12	4.49	37.01	-14.62	-0.89	-1569.48	-277.24	-1293.13	597.59
11	8	1106	44.40	-0.81	6.36	37.22	-16.52	-4.92	-1576.18	-286.78	-1294.32	602.86
11	8	1107	45.16	-0.71	7.92	36.53	-17.92	-5.06	-1515.93	-279.49	-1241.50	582.50
11	8	1108	44.98	-0.73	9.21	35.03	-18.86	-1.40	-1389.18	-257.35	-1133.23	538.23
11	8	1109	43.80	-0.86	10.24	32.70	-19.30	6.12	-1195.84	-222.40	-967.32	471.64
11	8	1110	42.63	-0.95	11.10	30.57	-19.49	16.50	-938.76	-176.02	-746.24	383.20
11	8	1111	38.54	-1.29	11.41	25.83	-18.57	33.40	-615.44	-122.01	-460.03	276.93
11	8	1112	34.92	-1.46	11.49	21.96	-17.42	61.54	-247.07	-60.99	-124.54	151.00
11	8	1113	30.65	-1.64	11.12	17.89	-15.79	253.14	5.97	6.16	252.95	6.89
11	8	1114	27.40	-1.88	10.28	15.25	-14.43	660.71	35.54	76.60	619.65	-154.87
11	8	1115	25.41	-2.22	9.46	13.73	-13.65	1033.47	37.11	154.83	915.75	-321.62
11	8	1116	14.20	-2.73	11.12	0.35	6.53	1360.47	674.08	693.01	1341.55	-112.39
11	8	1117	12.20	-5.92	11.93	-5.65	-2.19	824.01	419.01	422.23	820.78	35.99
11	8	1118	11.76	-9.52	9.99	-7.76	-5.87	424.81	92.89	191.24	326.46	151.56
11	8	1119	9.82	-11.32	7.18	-8.67	-6.99	217.78	-302.35	13.05	-97.62	254.11
11	8	1120	6.89	-11.81	4.21	-9.13	-6.55	98.60	-667.22	-120.85	-447.77	346.26
11	8	1121	4.01	-10.93	1.50	-8.42	-5.58	20.77	-982.05	-222.72	-738.56	429.99
11	8	1122	1.07	-9.31	-1.05	-7.19	-4.19	-28.28	-1234.93	-294.44	-968.76	500.33
11	8	1123	-1.58	-7.22	-3.44	-5.37	-2.65	-56.90	-1425.55	-340.42	-1142.03	554.66
11	8	1124	-3.51	-6.23	-5.97	-3.78	-0.81	-71.81	-1553.30	-365.05	-1260.06	590.29
11	8	1125	-1.59	-8.52	-8.39	-1.72	0.93	-73.24	-1618.71	-367.27	-1324.68	606.60
11	8	1126	1.17	-11.34	-10.78	0.61	2.58	-61.63	-1620.72	-346.37	-1335.98	602.38
11	8	1127	3.95	-14.15	-13.14	2.95	4.14	-35.60	-1559.30	-300.68	-1294.22	577.60
11	8	1128	7.42	-16.31	-15.08	6.19	5.28	12.95	-1427.42	-220.38	-1194.09	530.70
11	8	1129	10.88	-17.84	-16.37	9.40	6.34	89.07	-1225.86	-100.81	-1035.98	462.19
11	8	1130	15.22	-17.40	-15.66	13.48	7.34	203.98	-949.54	70.35	-815.90	369.18
11	8	1131	18.60	-15.15	-12.37	15.82	9.28	339.44	-669.76	249.32	-579.64	287.79
11	8	1132	21.15	1.87	3.68	19.34	-5.62	1483.30	274.01	455.75	1301.57	-432.14
11	8	1133	26.08	-8.00	-4.10	22.19	10.84	359.99	-422.17	330.21	-392.39	149.68
11	8	1134	26.22	-2.15	9.22	14.85	-13.90	1274.88	35.45	246.02	1064.31	-465.46
11	8	1135	21.90	-2.88	-1.35	20.37	5.96	1821.74	947.99	1083.03	1686.70	-315.84
11	8	1136	23.86	-11.11	-4.86	17.62	13.40	531.73	-338.21	458.16	-264.64	242.04
11	8	1137	24.75	-10.92	-9.56	23.38	6.84	217.97	-611.51	180.27	-573.82	172.76
11	8	1138	17.99	1.21	8.07	11.13	-8.25	1161.04	238.29	298.96	1100.37	-228.68
11	8	1139	18.18	-1.79	10.41	5.98	-9.74	744.18	172.74	177.72	739.21	-53.08
11	8	1140	20.80	-3.20	3.33	14.27	-10.68	-18.74	-1402.15	-292.29	-1128.60	551.00
11	8	1141	19.91	-3.17	1.02	15.71	-8.90	-29.18	-1529.23	-315.00	-1243.41	589.11
11	8	1142	21.36	-3.69	5.39	12.29	-12.04	1.13	-1212.58	-252.77	-958.68	493.66
11	8	1143	21.45	-5.16	10.38	5.90	-13.11	155.09	-291.31	-40.14	-96.09	221.44
11	8	1144	20.23	-4.28	11.14	4.81	-11.84	343.72	29.76	62.42	311.05	95.86
11	8	1145	21.61	-5.08	8.94	7.60	-13.33	80.71	-645.39	-125.06	-439.62	327.21
11	8	1146	21.85	-4.37	7.30	10.19	-13.03	32.19	-962.72	-197.64	-732.89	419.33
11	8	1147	19.58	-3.70	-1.35	17.23	-7.03	-29.92	-1592.30	-318.30	-1303.92	606.13
11	8	1148	20.34	-6.81	-6.50	20.03	-2.90	-1.33	-1523.61	-259.06	-1265.88	570.88
11	8	1149	21.06	-9.42	-9.41	21.05	-0.54	30.66	-1384.90	-189.36	-1164.88	512.88
11	8	1150	22.48	-12.04	-11.94	22.38	1.83	80.07	-1159.03	-82.44	-996.52	418.28
11	8	1151	20.69	-4.72	-3.52	19.49	-5.39	-19.46	-1590.11	-298.86	-1310.71	600.64
11	8	1152	24.37	-12.80	-12.38	23.96	3.92	134.76	-865.32	44.04	-774.60	287.22
11	8	1153	31.27	-3.97	5.66	21.65	15.70	602.25	-183.75	525.29	-106.79	233.60
11	8	1154	29.17	-4.00	2.81	22.36	13.40	374.35	-362.52	361.39	-349.56	96.84
11	8	1155	23.13	-8.39	-7.43	22.17	5.42	157.99	-513.14	149.74	-504.89	73.97
11	32	46	104.49	-82.76	-80.48	102.21	20.52	3185.81	1457.32	3055.54	1587.59	-456.29
11	32	62	26.34	-2.69	12.15	11.50	14.51	1426.62	234.69	480.82	1180.48	482.49
11	32	971	2.57	-1.20	1.41	-4.53e-02	-1.74	993.55	-9.46	160.61	823.48	-376.37
11	32	981	25.38	4.96	9.92	20.42	-8.76	954.43	19.15	200.90	772.67	-370.08
11	32	982	46.65	8.56	12.36	42.86	-11.41	1084.31	189.62	365.78	908.15	-355.77
11	32	983	0.82	-17.99	-4.83	-12.33	-8.63	1195.48	580.91	609.51	1166.87	-129.47
11	32	1061	11.25	-16.21	11.21	-16.17	1.03	1124.35	954.22	1020.97	1057.61	-83.07
11	32	1062	4.81	-14.10	4.75	-14.04	1.08	289.14	139.64	249.51	179.27	65.99
11	32	1063	-1.51	-17.88	-1.60	-17.79	1.23	29.13	-508.24	-92.61	-386.51	224.94
11	32	1064	-5.23	-19.19	-5.98	-18.44	3.15	-68.36	-938.46	-249.58	-757.24	353.33
11	32	1065	-6.61	-19.65	-9.47	-16.80	5.39	-99.72	-1177.03	-311.91	-964.84	428.45

11	32	1066	-5.69	-20.15	-12.40	-13.44	7.21	-93.60	-1229.07	-307.62	-1015.05	444.09
11	32	1067	-2.93	-20.30	-14.40	-8.83	8.23	-40.31	-1092.54	-231.13	-901.72	405.43
11	32	1068	1.81	-18.25	-13.32	-3.12	8.64	127.15	-753.41	-29.14	-597.12	336.44
11	32	1069	12.54	-11.61	-4.40	5.33	11.06	587.11	-142.77	435.77	8.57	295.90
11	32	1070	19.12	-1.11e-02	4.15	14.96	-7.89	730.35	-5.35	128.34	596.66	-283.69
11	32	1071	32.40	2.97e-02	6.44	25.98	-12.90	145.52	-2.24	21.62	121.65	-54.38
11	32	1072	43.74	0.11	8.58	35.27	-17.26	1.11	-453.06	-80.74	-371.21	174.57
11	32	1073	51.42	0.14	9.99	41.57	-20.20	3.28	-890.88	-158.25	-729.35	344.01
11	32	1074	53.87	0.15	10.39	43.63	-21.09	3.96	-1130.11	-204.24	-921.92	439.05
11	32	1075	50.60	0.16	9.70	41.07	-19.74	3.68	-1166.62	-213.56	-949.38	455.02
11	32	1076	40.77	0.19	7.73	33.24	-15.78	3.08	-999.46	-180.71	-815.67	387.91
11	32	1077	22.19	7.35e-02	3.66	18.61	-8.15	2.96	-640.08	-104.82	-532.31	240.18
11	32	1078	-0.58	-1.67	-0.64	-1.61	-0.24	12.74	-44.24	7.13	-38.64	-16.97
11	32	1079	12.35	6.57e-02	4.29	8.12	5.83	72.51	-169.42	55.65	-152.55	-61.61
11	32	1080	27.50	7.01e-02	12.58	14.99	13.66	105.61	-49.66	99.83	-43.88	29.40
11	32	1081	36.93	3.11	16.86	23.18	16.61	453.76	-85.18	263.47	105.11	257.57
11	32	1082	28.59	-2.24	14.61	11.74	15.35	927.58	265.36	694.27	498.67	316.34
11	32	1083	5.87	-15.47	-10.05	0.45	9.28	304.15	-491.95	159.43	-347.23	307.03
11	32	1084	-0.93	-19.73	-14.50	-6.17	8.43	20.84	-950.46	-152.68	-776.94	372.06
11	32	1085	-4.51	-20.35	-13.58	-11.27	7.84	-75.16	-1184.83	-280.23	-979.77	430.70
11	32	1086	-6.42	-19.89	-11.00	-15.31	6.38	-101.07	-1226.38	-317.72	-1009.73	443.69
11	32	1087	-6.22	-19.44	-7.80	-17.86	4.29	-89.48	-1081.09	-289.95	-880.62	398.24
11	32	1088	-3.66	-18.73	-3.96	-18.44	2.09	-31.61	-748.09	-186.45	-593.25	294.90
11	32	1089	1.26	-16.38	1.22	-16.34	0.81	128.51	-215.06	45.18	-131.73	147.26
11	32	1090	9.11	-11.66	8.90	-11.45	2.10	573.92	547.64	556.53	565.04	-12.43
11	32	1091	23.52	-10.70	5.60	7.22	17.09	1886.04	1463.35	1671.22	1678.17	-211.32
11	32	1092	10.51	-0.39	2.92	7.19	-5.01	891.14	-4.17	168.26	718.71	-353.05
11	32	1093	26.10	-2.29e-04	5.29	20.81	-10.49	460.23	-4.02	76.99	379.22	-176.20
11	32	1094	38.37	7.54e-02	7.56	30.88	-15.19	-0.10	-168.23	-31.72	-136.62	65.70
11	32	1095	48.20	0.12	9.38	38.94	-18.96	2.38	-696.23	-123.48	-570.38	268.49
11	32	1096	53.34	0.15	10.32	43.16	-20.92	3.75	-1035.74	-185.54	-846.46	401.16
11	32	1097	52.98	0.16	10.19	42.95	-20.72	3.92	-1173.78	-213.80	-956.05	457.18
11	32	1098	46.61	0.18	8.90	37.88	-18.14	3.41	-1108.43	-202.68	-902.35	432.04
11	32	1099	32.74	0.24	6.10	26.89	-12.49	2.06	-841.50	-148.19	-691.26	322.75
11	32	1100	9.49	-0.56	0.31	8.62	-2.83	-2.89	-380.47	-49.99	-333.37	124.77
11	32	1101	19.56	-6.24	-6.24	19.55	0.43	50.53	-617.29	-14.65	-552.11	198.20
11	32	1102	22.76	-4.08	-3.74	22.43	-2.98	29.87	-847.82	-91.86	-726.10	303.35
11	32	1103	26.34	-2.27	-0.82	24.89	-6.28	14.91	-1008.59	-148.35	-845.33	374.75
11	32	1104	29.76	-1.30	1.58	26.88	-9.01	5.22	-1116.27	-186.12	-924.92	421.87
11	32	1105	32.16	-0.84	3.37	27.95	-11.01	-0.73	-1172.06	-207.31	-965.48	446.43
11	32	1106	33.53	-0.61	4.78	28.14	-12.45	-3.80	-1177.29	-214.29	-966.80	450.23
11	32	1107	34.14	-0.53	5.94	27.67	-13.51	-3.95	-1132.59	-208.66	-927.88	434.90
11	32	1108	34.04	-0.54	6.92	26.59	-14.22	-1.27	-1038.31	-191.94	-847.64	401.72
11	32	1109	33.21	-0.62	7.70	24.88	-14.57	4.26	-894.37	-165.64	-724.47	351.87
11	32	1110	32.39	-0.69	8.35	23.35	-14.74	11.90	-702.90	-130.79	-560.21	285.72
11	32	1111	29.36	-0.93	8.59	19.84	-14.06	24.18	-461.84	-90.23	-347.42	206.20
11	32	1112	26.69	-1.03	8.65	17.01	-13.22	44.00	-186.34	-44.40	-97.95	112.02
11	32	1113	23.53	-1.14	8.37	14.02	-12.00	182.98	5.94	6.04	182.88	4.24
11	32	1114	21.14	-1.28	7.74	12.12	-10.99	487.58	27.24	59.01	455.82	-116.68
11	32	1115	19.69	-1.50	7.12	11.07	-10.41	766.37	28.05	117.83	676.59	-241.30
11	32	1116	10.65	-2.18	8.26	0.21	4.99	1009.51	501.83	516.90	994.44	-86.16
11	32	1117	9.04	-4.37	8.87	-4.19	-1.52	609.37	313.35	315.50	607.22	25.14
11	32	1118	8.68	-7.00	7.41	-5.73	-4.28	313.33	69.83	143.66	239.51	111.92
11	32	1119	7.22	-8.33	5.29	-6.40	-5.13	161.33	-226.30	11.02	-75.99	188.87
11	32	1120	5.02	-8.70	3.06	-6.74	-4.80	73.61	-498.76	-88.68	-336.47	257.98
11	32	1121	2.88	-8.05	1.04	-6.21	-4.08	16.16	-733.57	-164.62	-552.78	320.71
11	32	1122	0.69	-6.84	-0.86	-5.29	-3.05	-20.06	-922.05	-218.16	-723.96	373.42
11	32	1123	-1.28	-5.29	-2.65	-3.92	-1.90	-41.19	-1064.07	-252.55	-852.71	414.15
11	32	1124	-2.60	-4.68	-4.53	-2.74	-0.53	-52.10	-1159.17	-271.00	-940.27	440.93
11	32	1125	-1.09	-6.45	-6.34	-1.21	0.77	-53.02	-1207.78	-272.77	-988.02	453.29
11	32	1126	0.97	-8.56	-8.13	0.54	2.00	-44.22	-1209.10	-257.30	-996.02	450.35
11	32	1127	3.05	-10.66	-9.89	2.28	3.16	-24.62	-1163.12	-223.28	-964.46	432.09
11	32	1128	5.65	-12.28	-11.34	4.70	4.00	11.75	-1064.60	-163.45	-889.40	397.35
11	32	1129	8.23	-13.42	-12.30	7.11	4.79	68.80	-914.07	-74.19	-771.08	346.55
11	32	1130	11.48	-13.08	-11.77	10.17	5.52	154.83	-707.72	53.69	-606.59	277.50
11	32	1131	14.01	-11.38	-9.30	11.93	6.98	256.41	-498.65	187.68	-429.92	217.20
11	32	1132	16.05	1.36	2.65	14.75	-4.17	1102.90	203.74	342.02	964.62	-324.37
11	32	1133	19.65	-6.01	-3.09	16.73	8.15	271.23	-313.81	248.15	-290.74	113.88
11	32	1134	20.35	-1.46	6.92	11.98	-10.61	948.23	26.58	186.65	788.15	-349.16
11	32	1135	16.18	-2.29	-1.06	14.96	4.59	1355.11	703.38	807.45	1251.03	-238.74
11	32	1136	17.97	-8.33	-3.64	13.28	10.06	400.93	-250.96	344.26	-194.29	183.67
11	32	1137	18.64	-8.21	-7.19	17.62	5.15	164.23	-455.60	135.42	-426.79	130.49
11	32	1138	13.63	1.05	6.00	8.68	-6.15	861.01	177.79	224.48	814.32	-172.39
11	32	1139	13.73	-1.12	7.77	4.84	-7.28	549.53	129.68	133.75	545.46	-41.15
11	32	1140	15.74	-2.36	2.46	10.92	-8.00	-13.91	-1047.37	-217.69	-843.59	-411.18
11	32	1141	15.07	-2.36	0.73	11.98	-6.66	-21.54	-1141.93	-234.75	-928.72	439.80
11	32	1142	16.16	-2.70	4.00	9.47	-9.02	0.71	-906.18	-188.08	-717.38	368.20

11	32	1143	16.20	-3.69	7.74	4.77	-9.83	113.48	-218.52	-29.08	-75.96	164.34
11	32	1144	15.27	-3.00	8.31	3.96	-8.87	251.18	23.29	47.56	226.91	70.31
11	32	1145	16.34	-3.67	6.66	6.01	-10.00	59.25	-483.27	-92.55	-331.47	243.54
11	32	1146	16.53	-3.18	5.43	7.92	-9.77	23.58	-719.98	-146.84	-549.56	312.53
11	32	1147	14.82	-2.78	-1.04	13.09	-5.25	-21.97	-1188.77	-237.33	-973.41	452.67
11	32	1148	15.37	-5.13	-4.90	15.14	-2.16	-0.39	-1137.15	-193.31	-944.23	426.72
11	32	1149	15.90	-7.09	-7.08	15.89	-0.39	23.67	-1033.49	-141.29	-868.53	383.63
11	32	1150	16.95	-9.05	-8.98	16.88	1.39	60.75	-864.76	-61.40	-742.61	313.26
11	32	1151	15.65	-3.55	-2.67	14.76	-4.02	-14.08	-1186.96	-222.97	-978.08	448.74
11	32	1152	18.37	-9.63	-9.31	18.05	2.95	101.73	-645.39	33.21	-576.87	215.63
11	32	1153	23.55	-2.96	4.26	16.34	11.80	454.22	-135.96	394.88	-76.62	177.49
11	32	1154	21.98	-3.01	2.12	16.85	10.09	281.78	-269.25	271.58	-259.05	74.27
11	32	1155	17.42	-6.31	-5.59	16.69	4.08	118.59	-382.31	112.21	-375.93	56.17
11	37	46	91.42	-73.60	-71.65	89.47	17.87	2812.63	1286.79	2690.59	1408.83	-413.91
11	37	62	24.23	-2.57	11.04	10.62	13.40	1295.23	211.29	439.95	1066.57	442.23
11	37	971	5.49	-0.38	1.89	3.23	-2.86	887.83	-8.65	144.95	734.23	-337.79
11	37	981	24.28	4.46	9.09	19.65	-8.38	852.95	17.52	182.27	688.21	-332.40
11	37	982	42.05	7.29	10.74	38.60	-10.39	965.85	168.01	327.29	806.58	-318.92
11	37	983	-0.31	-16.50	-4.87	-11.95	-7.28	1061.81	512.61	541.14	1033.27	-121.89
11	37	1061	9.98	-15.12	9.92	-15.06	1.23	998.30	839.95	904.09	934.15	-77.73
11	37	1062	4.16	-13.13	4.06	-13.03	1.33	257.78	121.75	224.28	155.25	58.61
11	37	1063	-1.50	-16.43	-1.65	-16.28	1.47	29.60	-455.25	-78.45	-347.20	201.77
11	37	1064	-4.74	-17.62	-5.57	-16.79	3.15	-55.85	-838.18	-217.93	-676.10	317.07
11	37	1065	-5.87	-18.05	-8.67	-15.25	5.12	-83.06	-1050.14	-273.62	-859.58	384.67
11	37	1066	-4.99	-18.46	-11.28	-12.17	6.72	-77.03	-1095.77	-270.09	-902.71	399.26
11	37	1067	-2.52	-18.52	-13.06	-7.98	7.58	-28.74	-973.31	-202.07	-799.98	365.62
11	37	1068	1.71	-16.60	-12.07	-2.82	7.90	122.17	-670.29	-21.61	-526.51	305.40
11	37	1069	11.41	-10.53	-3.95	4.83	10.05	536.76	-125.37	395.16	16.24	271.49
11	37	1070	19.80	-6.79e-03	4.21	15.59	-8.11	643.64	-4.50	115.62	523.52	-251.85
11	37	1071	31.14	2.88e-02	6.17	25.00	-12.38	121.38	-1.71	19.67	100.00	-46.63
11	37	1072	40.97	9.89e-02	8.03	33.04	-16.16	1.14	-411.07	-72.17	-337.77	157.62
11	37	1073	47.57	0.13	9.24	38.46	-18.68	3.05	-800.18	-141.60	-655.53	308.65
11	37	1074	49.50	0.14	9.54	40.10	-19.38	3.61	-1012.35	-182.87	-825.87	393.29
11	37	1075	46.31	0.15	8.88	37.58	-18.07	3.34	-1043.84	-191.34	-849.16	407.38
11	37	1076	37.23	0.18	7.06	30.35	-14.41	2.75	-893.65	-162.10	-728.80	347.27
11	37	1077	20.24	7.12e-02	3.34	16.97	-7.43	2.52	-571.84	-94.29	-475.02	215.02
11	37	1078	-0.53	-1.53	-0.58	-1.48	-0.22	11.45	-39.39	6.43	-34.36	-15.17
11	37	1079	11.26	6.04e-02	3.92	7.40	5.32	65.66	-148.60	51.42	-134.35	-53.38
11	37	1080	25.09	4.76e-02	11.47	13.67	12.47	99.47	-41.71	92.74	-34.98	30.07
11	37	1081	33.88	2.97	15.55	21.30	15.18	418.89	-75.54	241.69	101.65	237.09
11	37	1082	26.07	-2.01	13.36	10.70	13.98	846.15	237.71	628.36	455.50	291.69
11	37	1083	5.36	-14.05	-9.10	0.41	8.46	281.59	-436.84	147.26	-302.52	280.11
11	37	1084	-0.74	-17.97	-13.14	-5.57	7.74	26.41	-846.31	-132.06	-687.84	336.43
11	37	1085	-3.94	-18.60	-12.33	-10.20	7.25	-60.25	-1055.95	-245.78	-870.42	387.70
11	37	1086	-5.66	-18.25	-10.04	-13.88	5.99	-83.98	-1093.76	-278.94	-898.79	398.57
11	37	1087	-5.57	-17.85	-7.19	-16.23	4.15	-74.26	-964.98	-253.94	-785.30	357.43
11	37	1088	-3.39	-17.19	-3.76	-16.83	2.22	-23.67	-668.78	-161.76	-530.70	264.60
11	37	1089	0.96	-15.11	0.89	-15.03	1.10	116.80	-194.14	43.61	-120.95	131.91
11	37	1090	8.07	-11.04	7.80	-10.78	2.22	509.10	483.77	495.21	497.66	-12.61
11	37	1091	20.47	-10.11	4.91	5.45	15.29	1673.68	1281.86	1473.72	1481.81	-195.87
11	37	1092	12.48	-0.30	3.19	8.99	-5.69	788.90	-3.41	152.00	633.48	-314.61
11	37	1093	25.73	7.61e-04	5.17	20.56	-10.31	401.90	-3.28	69.39	329.23	-155.45
11	37	1094	36.31	7.07e-02	7.14	29.23	-14.36	7.57e-02	-157.75	-28.22	-129.45	60.54
11	37	1095	44.83	0.11	8.72	36.22	-17.63	2.26	-627.24	-110.48	-514.49	241.37
11	37	1096	49.15	0.14	9.51	39.78	-19.28	3.44	-928.75	-166.08	-759.24	359.56
11	37	1097	48.57	0.15	9.34	39.38	-18.99	3.57	-1050.75	-191.49	-855.69	409.39
11	37	1098	42.60	0.16	8.14	34.62	-16.58	3.08	-991.40	-181.67	-806.65	386.78
11	37	1099	29.88	0.23	5.57	24.54	-11.39	1.81	-752.16	-133.06	-617.29	288.96
11	37	1100	8.65	-0.51	0.29	7.86	-2.58	-2.85	-339.51	-45.24	-297.13	111.68
11	37	1101	17.86	-5.69	-5.68	17.86	0.39	45.84	-550.91	-13.59	-491.47	178.71
11	37	1102	20.81	-3.71	-3.40	20.50	-2.72	27.08	-757.37	-83.07	-647.21	272.54
11	37	1103	24.09	-2.07	-0.75	22.78	-5.72	13.48	-901.43	-133.74	-754.21	336.18
11	37	1104	27.25	-1.18	1.43	24.63	-8.22	4.66	-998.05	-167.47	-825.93	378.10
11	37	1105	29.49	-0.76	3.06	25.67	-10.04	-0.78	-1048.34	-186.25	-862.87	399.86
11	37	1106	30.80	-0.55	4.34	25.91	-11.37	-3.63	-1053.51	-192.25	-864.89	403.05
11	37	1107	31.42	-0.46	5.40	25.56	-12.35	-3.87	-1014.16	-186.94	-831.09	389.15
11	37	1108	31.42	-0.46	6.29	24.67	-13.03	-1.59	-930.62	-171.68	-760.53	359.29
11	37	1109	30.75	-0.53	7.01	23.22	-13.38	3.20	-802.80	-147.83	-651.77	314.51
11	37	1110	30.13	-0.57	7.62	21.93	-13.58	9.82	-632.64	-116.29	-506.53	255.18
11	37	1111	27.46	-0.76	7.84	18.86	-12.99	20.23	-417.93	-79.62	-318.09	183.79
11	37	1112	25.14	-0.82	7.91	16.41	-12.26	35.96	-171.17	-38.15	-97.05	99.29
11	37	1113	22.34	-0.86	7.66	13.83	-11.18	151.99	7.47	7.51	151.94	2.57
11	37	1114	20.27	-0.93	7.09	12.25	-10.28	424.58	25.22	55.57	394.23	-105.82
11	37	1115	19.04	-1.09	6.50	11.44	-9.76	674.61	25.35	108.99	590.97	-217.50
11	37	1116	9.61	-2.19	7.36	6.43e-02	4.64	890.13	443.88	459.20	874.81	-81.24
11	37	1117	8.01	-3.85	7.89	-3.73	-1.19	533.40	279.37	280.86	531.90	19.42
11	37	1118	7.61	-6.09	6.55	-5.02	-3.67	272.67	61.91	128.68	205.90	98.05

11	37	1119	6.29	-7.24	4.63	-5.59	-4.43	141.50	-204.40	11.06	-73.96	167.64
11	37	1120	4.30	-7.58	2.61	-5.90	-4.14	65.43	-447.81	-77.42	-304.96	230.03
11	37	1121	2.37	-6.99	0.79	-5.41	-3.50	15.34	-657.11	-144.97	-496.80	286.53
11	37	1122	0.41	-5.92	-0.91	-4.59	-2.58	-16.26	-824.91	-192.69	-648.48	333.99
11	37	1123	-1.32	-4.55	-2.51	-3.36	-1.56	-34.65	-951.22	-223.46	-762.40	370.69
11	37	1124	-2.25	-4.25	-4.20	-2.31	-0.32	-43.98	-1035.61	-240.01	-839.58	394.92
11	37	1125	-0.79	-5.96	-5.82	-0.93	0.84	-44.48	-1078.56	-241.73	-881.31	406.28
11	37	1126	1.07	-7.86	-7.42	0.63	1.93	-36.35	-1079.35	-228.07	-887.63	403.99
11	37	1127	2.93	-9.74	-9.00	2.19	2.97	-18.51	-1037.93	-197.78	-858.66	388.09
11	37	1128	5.26	-11.18	-10.30	4.37	3.71	14.29	-949.70	-144.43	-790.97	357.51
11	37	1129	7.57	-12.20	-11.17	6.54	4.40	65.72	-814.99	-64.58	-684.68	312.70
11	37	1130	10.51	-11.88	-10.68	9.31	5.04	143.11	-630.37	50.00	-537.26	251.69
11	37	1131	12.80	-10.33	-8.44	10.91	6.34	234.81	-443.10	170.51	-378.80	198.64
11	37	1132	14.86	1.16	2.26	13.76	-3.73	976.65	179.60	308.02	848.23	-293.04
11	37	1133	17.97	-5.46	-2.81	15.31	7.42	247.13	-277.81	224.83	-255.51	105.87
11	37	1134	19.72	-1.06	6.29	12.37	-9.94	840.33	23.63	171.93	692.03	-314.84
11	37	1135	14.12	-2.21	-0.97	12.88	4.32	1201.15	618.05	717.33	1101.87	-219.17
11	37	1136	16.39	-7.52	-3.29	12.16	9.13	365.86	-221.38	311.76	-167.28	169.83
11	37	1137	17.04	-7.47	-6.54	16.10	4.69	149.67	-405.34	122.59	-378.25	119.57
11	37	1138	12.63	1.18	5.37	8.44	-5.51	758.08	157.72	202.04	713.75	-156.99
11	37	1139	12.65	-0.64	6.97	5.04	-6.58	479.35	116.27	120.58	475.03	-39.36
11	37	1140	14.53	-2.06	2.16	10.31	-7.22	-12.39	-937.62	-194.15	-755.87	367.60
11	37	1141	13.92	-2.11	0.60	11.21	-6.00	-18.88	-1021.49	-209.53	-830.84	393.44
11	37	1142	14.91	-2.31	3.55	9.05	-8.16	0.27	-812.14	-167.54	-644.33	328.90
11	37	1143	14.92	-3.02	6.94	4.95	-8.92	97.07	-198.27	-25.17	-76.03	145.46
11	37	1144	14.05	-2.34	7.45	4.26	-8.03	214.19	21.74	43.41	192.52	60.83
11	37	1145	15.05	-3.06	5.95	6.03	-9.05	50.95	-435.41	-81.95	-302.50	216.74
11	37	1146	15.24	-2.69	4.84	7.71	-8.85	20.11	-646.45	-130.58	-495.77	278.81
11	37	1147	13.68	-2.52	-1.00	12.17	-4.72	-19.00	-1062.81	-211.98	-869.83	405.21
11	37	1148	14.14	-4.67	-4.48	13.94	-1.92	0.77	-1015.90	-172.90	-842.23	382.62
11	37	1149	14.59	-6.45	-6.45	14.58	-0.32	22.60	-922.96	-126.37	-773.99	344.49
11	37	1150	15.52	-8.23	-8.17	15.45	1.28	56.14	-771.91	-54.75	-661.01	282.01
11	37	1151	14.42	-3.23	-2.46	13.64	-3.61	-11.79	-1060.80	-199.36	-873.23	401.98
11	37	1152	16.79	-8.76	-8.47	16.50	2.69	93.06	-575.56	30.24	-512.74	195.09
11	37	1153	21.53	-2.64	3.90	14.99	10.73	414.75	-119.13	358.02	-62.40	164.53
11	37	1154	20.09	-2.73	1.94	15.42	9.20	256.24	-237.89	246.07	-227.71	70.16
11	37	1155	15.90	-5.75	-5.09	15.24	3.72	107.22	-340.06	101.08	-333.92	52.06

M_G	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
	141.37	-111.00	-107.89	-24.52	-27.93	4287.56	-1648.56	-429.74	-1362.93	-607.98
			22.29	138.26	27.81			4115.99	2260.04	638.59

Macro	Tipo	Angolo 1-X (gradi)
12	Guscio	0.0

M_G	Cmb	Nodo	N max daN/cm	N min daN/cm	N 1 daN/cm	N 2 daN/cm	N 1-2 daN/cm	M max daN	M min daN	M 1 daN	M 2 daN	M 1-2 daN
12	8	38	108.83	62.88	69.37	102.34	16.01	5381.58	1728.75	5178.01	1932.33	837.96
12	8	69	97.02	-164.34	82.65	-149.97	-59.58	4146.24	93.51	2115.14	2124.60	2026.36
12	8	855	0.54	-80.59	0.53	-80.58	0.93	879.02	-94.25	9.78	774.99	-300.71
12	8	865	25.25	-4.83	11.53	8.90	14.98	2077.51	32.69	907.30	1202.90	-1011.67
12	8	866	14.16	-42.42	3.61	-31.86	22.04	1019.21	-76.48	228.57	714.17	-491.10
12	8	1156	36.46	-22.71	8.28	5.47	29.55	1252.18	836.69	864.30	1224.58	103.48
12	8	1157	21.52	8.13	15.98	13.67	6.60	383.30	-646.07	-639.09	376.32	-84.46
12	8	1158	14.91	3.38	14.11	4.18	2.93	32.28	-1628.80	-1617.78	21.26	-134.84
12	8	1159	12.88	0.24	12.22	0.90	2.81	-98.55	-2283.17	-2273.64	-108.08	-143.97
12	8	1160	11.34	-0.55	10.52	0.28	3.01	-146.33	-2663.11	-2656.25	-153.19	-131.15
12	8	1161	9.84	-0.73	8.87	0.23	3.05	-162.67	-2779.79	-2775.75	-166.71	-102.82
12	8	1162	8.31	-0.86	7.24	0.21	2.94	-164.50	-2635.32	-2633.77	-166.05	-61.76
12	8	1163	6.70	-1.19	5.61	-9.85e-02	2.72	-154.02	-2230.39	-2230.34	-154.06	-9.82
12	8	1164	4.87	-2.43	3.94	-1.50	2.44	-119.83	-1566.64	-1564.89	-121.58	50.31
12	8	1165	2.96	-6.28	2.25	-5.57	2.46	-16.59	-651.52	-631.73	-36.38	110.34
12	8	1166	2.98	-10.80	2.67	-10.49	2.03	664.96	166.59	596.31	235.24	171.76
12	8	1167	10.69	3.42	9.10	5.00	3.00	4.35	-25.24	-0.72	-20.17	-11.15
12	8	1168	-0.82	-23.77	-23.12	-1.47	-3.80	-9.61	-110.35	-109.28	-10.69	10.34
12	8	1169	-0.74	-61.57	-61.35	-0.96	-3.66	-3.51	-794.44	-793.32	-4.63	-29.73
12	8	1170	-0.22	-67.69	-67.56	-0.35	-2.90	4.14	-1610.12	-1607.97	1.98	-58.97
12	8	1171	-2.57e-02	-63.71	-63.60	-0.14	-2.67	7.72	-2242.17	-2239.08	4.62	-83.39
12	8	1172	4.97e-03	-58.96	-58.85	-0.10	-2.52	9.05	-2612.45	-2608.15	4.75	-106.07
12	8	1173	1.93e-03	-54.59	-54.49	-9.87e-02	-2.34	9.49	-2712.33	-2706.75	3.91	-123.15
12	8	1174	-2.26e-04	-50.30	-50.21	-9.15e-02	-2.14	9.69	-2543.14	-2536.46	3.01	-130.39

12	8	1175	1.15e-02	-45.91	-45.82	-6.89e-02	-1.92	9.74	-2105.31	-2097.98	2.41	-124.30
12	8	1176	7.91e-02	-41.88	-41.81	3.83e-03	-1.78	9.37	-1396.88	-1389.60	2.09	-100.91
12	8	1177	0.25	-41.77	-41.66	0.13	-2.18	8.86	-426.04	-417.48	0.31	-60.40
12	8	1178	4.04e-02	-52.56	-52.35	-0.17	-3.31	700.70	-11.16	698.55	-9.01	-39.07
12	8	1179	-1.00	-56.83	-56.81	-1.02	-1.02	1334.13	-30.45	1323.91	-20.23	-117.62
12	8	1180	3.71	1.06	2.34	2.43	-1.33	-4.12	-24.26	-22.56	-5.82	5.59
12	8	1181	-0.68	-40.45	-40.37	-0.77	1.83	1241.69	-43.31	1213.14	-14.76	-189.42
12	8	1182	0.81	-9.97	-9.76	0.60	1.51	672.19	-54.86	633.60	-16.27	-163.00
12	8	1183	-129.40	-175.24	-129.69	-174.95	3.65	552.50	-451.34	-442.47	543.63	-93.97
12	8	1184	31.38	5.18	29.15	7.41	7.31	179.98	-40.65	-40.13	179.45	10.74
12	8	1185	1.38	-4.09	-3.95	1.24	0.85	26.56	-21.09	19.72	-14.26	16.70
12	8	1186	-0.99	-47.25	-46.88	-1.36	-4.14	-8.11	-401.95	-401.70	-8.36	-9.85
12	8	1187	-0.45	-67.14	-66.99	-0.60	-3.17	0.86	-1213.75	-1212.04	-0.85	-45.65
12	8	1188	-8.80e-02	-66.04	-65.93	-0.20	-2.76	6.34	-1956.86	-1954.27	3.75	-71.30
12	8	1189	-1.99e-03	-61.29	-61.18	-0.11	-2.60	8.54	-2461.24	-2457.56	4.87	-95.18
12	8	1190	4.28e-03	-56.74	-56.64	-0.10	-2.43	9.33	-2696.12	-2691.17	4.38	-115.57
12	8	1191	6.85e-04	-52.45	-52.35	-9.55e-02	-2.24	9.62	-2661.16	-2654.99	3.45	-128.21
12	8	1192	1.89e-03	-48.12	-48.04	-8.41e-02	-2.03	9.73	-2358.00	-2350.92	2.65	-129.29
12	8	1193	3.37e-02	-43.74	-43.67	-4.22e-02	-1.82	9.67	-1785.07	-1777.66	2.27	-115.03
12	8	1194	0.16	-40.89	-40.81	7.33e-02	-1.85	8.81	-941.74	-934.57	1.63	-82.26
12	8	1195	0.30	-45.71	-45.54	0.13	-2.78	155.73	-14.64	144.60	-3.51	-42.09
12	8	1196	-0.73	-58.57	-58.41	-0.89	-3.07	1138.02	-17.08	1134.76	-13.81	-61.34
12	8	1197	1.00	-10.03	0.77	-9.79	1.60	560.14	-113.09	-33.30	480.35	-217.61
12	8	1198	-4.49e-02	-45.16	-0.20	-45.01	2.63	1027.99	-174.29	-58.75	912.45	-354.35
12	8	1199	8.77	-9.57	8.50	-9.31	-2.19	1598.70	668.16	1440.05	826.81	349.94
12	8	1200	2.38	-9.18	1.77	-8.57	2.58	146.85	-151.48	-59.78	55.14	137.66
12	8	1201	3.88	-3.91	3.08	-3.11	2.38	-83.32	-1138.84	-1132.68	-89.48	80.42
12	8	1202	5.82	-1.61	4.78	-0.57	2.57	-141.50	-1930.59	-1930.38	-141.71	19.47
12	8	1203	7.52	-0.98	6.42	0.12	2.85	-161.13	-2465.35	-2464.75	-161.72	-37.00
12	8	1204	9.08	-0.79	8.05	0.23	3.01	-164.96	-2740.16	-2737.43	-167.69	-83.79
12	8	1205	10.59	-0.66	9.70	0.24	3.05	-156.90	-2754.15	-2748.72	-162.34	-118.71
12	8	1206	12.09	-0.30	11.36	0.44	2.93	-128.43	-2506.34	-2498.10	-136.67	-139.73
12	8	1207	13.76	1.35	13.13	1.98	2.73	-49.16	-1991.90	-1981.34	-59.72	-142.88
12	8	1208	16.87	6.33	15.14	8.05	3.90	166.07	-1185.78	-1175.56	155.85	-117.12
12	8	1209	30.07	4.03	15.46	18.63	12.92	727.25	22.17	23.07	726.35	-25.16
12	8	1210	17.68	-22.79	11.31	-16.43	14.73	2290.63	1032.77	1878.35	1445.06	590.44
12	8	1211	3.93	-84.74	-74.01	-6.80	-28.92	871.49	144.79	394.68	621.60	345.18
12	8	1212	25.37	-60.91	-57.58	22.04	-16.61	437.71	333.72	345.27	426.16	-32.68
12	8	1213	21.00	-34.33	-33.43	20.10	-7.01	387.88	-203.19	-154.12	338.80	-163.09
12	8	1214	14.18	-21.11	-20.95	14.03	-2.30	270.21	-729.35	-691.39	232.25	-191.07
12	8	1215	7.98	-15.20	-15.20	7.98	0.12	161.00	-1206.23	-1180.29	135.06	-186.53
12	8	1216	4.02	-13.12	-13.01	3.90	1.40	77.22	-1621.93	-1603.78	59.07	-174.68
12	8	1217	1.97	-12.71	-12.42	1.68	2.06	17.59	-1972.81	-1959.38	4.17	-162.92
12	8	1218	1.08	-12.82	-12.40	0.66	2.38	-23.20	-2257.86	-2247.41	-33.65	-152.46
12	8	1219	0.76	-12.97	-12.49	0.28	2.52	-50.36	-2476.96	-2468.54	-58.78	-142.67
12	8	1220	0.69	-13.05	-12.54	0.19	2.58	-67.97	-2630.18	-2623.30	-74.85	-132.58
12	8	1221	0.71	-13.04	-12.53	0.19	2.60	-78.93	-2717.67	-2712.08	-84.51	-121.29
12	8	1222	0.74	-12.98	-12.46	0.23	2.61	-85.15	-2739.51	-2735.09	-89.57	-108.18
12	8	1223	0.77	-12.90	-12.38	0.26	2.61	-87.78	-2695.78	-2692.48	-91.08	-92.75
12	8	1224	0.78	-12.82	-12.30	0.27	2.59	-87.29	-2586.53	-2584.30	-89.52	-74.61
12	8	1225	0.73	-12.75	-12.25	0.22	2.56	-83.58	-2411.80	-2410.57	-84.80	-53.44
12	8	1226	0.54	-12.70	-12.22	6.10e-02	2.48	-75.92	-2171.66	-2171.26	-76.32	-28.89
12	8	1227	9.37e-02	-12.62	-12.18	-0.35	2.33	-62.74	-1866.26	-1866.26	-62.74	-0.43
12	8	1228	-0.83	-12.35	-11.98	-1.21	2.05	-41.33	-1495.97	-1495.24	-42.06	32.56
12	8	1229	-2.47	-11.17	-10.88	-2.76	1.57	-6.58	-1063.40	-1058.20	-11.78	73.95
12	8	1230	-4.89	-9.45	-9.36	-4.98	0.61	60.84	-573.55	-549.56	36.85	121.02
12	8	1231	-5.30	-8.00	-6.39	-6.91	-1.32	253.99	-113.56	31.97	108.46	179.75
12	8	1232	2.14	-9.03	-1.74	-5.15	-5.32	844.60	95.18	739.38	200.40	260.36
12	8	1233	21.34	-7.03	0.90	13.41	-12.73	1886.00	84.85	1829.29	141.56	314.53
12	8	1234	35.97	-21.14	-20.62	35.45	5.42	2601.26	-281.54	2423.26	-103.54	-693.87
12	8	1235	44.31	-28.06	0.57	15.68	35.39	2377.69	-99.78	1652.86	625.04	-1127.10
12	8	1236	19.61	-37.66	0.34	-18.39	27.05	1546.27	-322.11	409.65	814.50	-911.99
12	8	1237	5.13	-48.83	-18.33	-25.38	-26.75	212.93	23.46	90.61	145.79	90.63
12	8	1238	15.99	-49.17	-33.41	0.22	-27.91	75.74	-4.33	-3.48	74.89	-8.21
12	8	1239	12.85	-45.40	-38.35	5.80	-19.01	79.48	-340.92	-320.45	59.02	-90.46
12	8	1240	7.20	-41.27	-39.10	5.02	-10.04	73.14	-766.35	-747.35	54.14	-124.88
12	8	1241	3.39	-39.61	-39.19	2.98	-4.19	56.16	-1201.66	-1188.12	42.62	-129.80
12	8	1242	1.47	-39.02	-38.99	1.44	-1.12	35.68	-1604.02	-1594.53	26.19	-124.39
12	8	1243	0.60	-38.49	-38.49	0.60	0.23	16.46	-1952.62	-1945.48	9.32	-118.35
12	8	1244	0.25	-37.74	-37.73	0.23	0.71	0.61	-2238.48	-2232.56	-5.30	-114.89
12	8	1245	0.13	-36.81	-36.79	0.11	0.83	-11.41	-2458.28	-2452.95	-16.74	-114.11
12	8	1246	0.11	-35.79	-35.77	9.18e-02	0.84	-19.96	-2611.16	-2606.05	-25.07	-114.95
12	8	1247	0.13	-34.71	-34.69	0.11	0.83	-25.65	-2697.05	-2691.99	-30.71	-116.16
12	8	1248	0.15	-33.63	-33.60	0.13	0.85	-29.04	-2716.19	-2711.12	-34.11	-116.61
12	8	1249	0.18	-32.54	-32.51	0.15	0.89	-30.54	-2668.81	-2663.76	-35.58	-115.26
12	8	1250	0.20	-31.46	-31.43	0.17	0.95	-30.31	-2554.94	-2550.02	-35.23	-111.31
12	8	1251	0.20	-30.41	-30.38	0.16	1.00	-28.36	-2374.58	-2369.97	-32.97	-103.90

12	8	1252	0.14	-29.40	-29.37	0.11	1.01	-24.42	-2127.54	-2123.49	-28.46	-92.12
12	8	1253	-3.65e-02	-28.44	-28.42	-6.36e-02	0.88	-18.14	-1813.45	-1810.32	-21.27	-74.95
12	8	1254	-0.45	-27.63	-27.62	-0.45	0.41	-9.05	-1431.33	-1429.46	-10.92	-51.56
12	8	1255	-1.16	-26.83	-26.82	-1.18	-0.65	2.29	-980.35	-979.94	1.88	-20.10
12	8	1256	-1.83	-26.51	-26.23	-2.10	-2.61	14.17	-467.80	-467.17	13.55	17.35
12	8	1257	-1.38	-26.82	-25.62	-2.58	-5.39	136.66	-12.17	110.85	13.64	56.35
12	8	1258	1.64	-28.23	-26.14	-0.45	-7.63	747.87	-28.08	743.03	-23.24	61.07
12	8	1259	5.82	-29.17	-28.61	5.27	-4.38	1311.49	-85.03	1309.16	-82.70	-56.93
12	8	1260	10.23	-30.67	-29.83	9.39	5.78	1653.50	-167.50	1592.77	-106.77	-326.96
12	8	1261	16.57	-32.17	-20.83	5.23	20.60	1551.79	-147.06	1320.45	84.28	-582.65
12	8	1262	12.46	-27.56	-8.18	-6.92	20.00	1048.47	-134.07	580.74	333.67	-578.22
12	32	38	80.10	46.75	51.56	75.30	11.71	4010.81	1295.42	3862.58	1443.64	616.86
12	32	69	72.17	-122.17	61.51	-111.51	-44.26	3109.68	81.59	1577.28	1613.98	1513.93
12	32	855	0.40	-59.87	0.40	-59.87	0.70	662.31	-69.39	7.32	585.60	-224.16
12	32	865	18.88	-3.29	8.62	6.97	11.05	1557.22	33.33	677.07	913.47	-752.72
12	32	866	10.56	-31.32	2.73	-23.48	16.33	766.41	-54.53	170.19	541.69	-366.04
12	32	1156	27.19	-16.88	6.23	4.08	22.01	944.61	621.07	643.70	921.97	82.53
12	32	1157	16.07	6.05	11.95	10.17	4.93	290.15	-479.83	-475.37	285.69	-58.38
12	32	1158	11.15	2.51	10.55	3.11	2.20	27.40	-1211.14	-1203.53	19.79	-96.78
12	32	1159	9.63	0.18	9.13	0.67	2.10	-70.38	-1698.09	-1691.37	-77.10	-104.38
12	32	1160	8.48	-0.41	7.86	0.21	2.26	-106.07	-1980.72	-1975.83	-110.96	-95.58
12	32	1161	7.35	-0.55	6.62	0.18	2.28	-118.27	-2067.34	-2064.43	-121.17	-75.22
12	32	1162	6.20	-0.65	5.40	0.16	2.21	-119.65	-1959.52	-1958.40	-120.77	-45.38
12	32	1163	5.00	-0.89	4.17	-7.00e-02	2.04	-111.89	-1657.78	-1657.74	-111.93	-7.43
12	32	1164	3.63	-1.81	2.92	-1.10	1.83	-86.58	-1163.29	-1162.05	-87.82	36.60
12	32	1165	2.20	-4.66	1.66	-4.12	1.84	-10.32	-481.30	-467.09	-24.52	80.56
12	32	1166	2.18	-8.04	1.95	-7.80	1.54	496.50	127.84	447.18	177.17	125.50
12	32	1167	7.95	2.54	6.77	3.72	2.23	3.30	-19.01	-0.50	-15.21	-8.38
12	32	1168	-0.61	-17.69	-17.21	-1.09	-2.83	-6.99	-81.83	-80.82	-7.99	8.62
12	32	1169	-0.55	-45.80	-45.63	-0.71	-2.72	-2.61	-591.51	-590.78	-3.35	-20.80
12	32	1170	-0.16	-50.32	-50.23	-0.26	-2.15	3.13	-1199.15	-1197.65	1.63	-42.50
12	32	1171	-1.91e-02	-47.34	-47.26	-0.10	-1.98	5.81	-1669.71	-1667.49	3.60	-60.85
12	32	1172	3.71e-03	-43.78	-43.70	-7.62e-02	-1.87	6.80	-1945.20	-1942.07	3.68	-78.02
12	32	1173	1.44e-03	-40.50	-40.43	-7.31e-02	-1.74	7.12	-2019.32	-2015.21	3.02	-91.07
12	32	1174	-1.70e-04	-37.29	-37.22	-6.78e-02	-1.59	7.27	-1893.11	-1888.17	2.32	-96.82
12	32	1175	8.50e-03	-34.00	-33.94	-5.10e-02	-1.42	7.31	-1566.93	-1561.45	1.84	-92.66
12	32	1176	5.85e-02	-30.98	-30.92	2.94e-03	-1.31	7.06	-1039.31	-1033.82	1.57	-75.60
12	32	1177	0.18	-30.85	-30.77	9.89e-02	-1.61	6.82	-316.38	-309.77	0.21	-45.75
12	32	1178	3.27e-02	-38.81	-38.66	-0.12	-2.44	523.42	-8.47	521.72	-6.76	-30.04
12	32	1179	-0.74	-42.05	-42.03	-0.76	-0.76	995.85	-22.93	988.10	-15.17	-88.55
12	32	1180	2.75	0.78	1.73	1.80	-0.98	-3.09	-18.08	-16.74	-4.42	4.27
12	32	1181	-0.51	-29.98	-29.92	-0.57	1.35	927.10	-32.55	905.62	-11.08	-141.94
12	32	1182	0.60	-7.41	-7.25	0.44	1.12	502.09	-41.15	473.16	-12.22	-121.99
12	32	1183	-96.23	-130.35	-96.45	-130.14	2.70	419.82	-336.32	-329.78	413.28	-70.03
12	32	1184	23.33	3.84	21.67	5.50	5.43	137.17	-30.30	-29.89	136.77	8.27
12	32	1185	1.02	-3.04	-2.94	0.92	0.63	20.64	-16.13	15.25	-10.73	13.01
12	32	1186	-0.74	-35.15	-34.87	-1.01	-3.08	-6.05	-299.00	-298.87	-6.18	-6.16
12	32	1187	-0.33	-49.92	-49.81	-0.45	-2.35	0.68	-903.93	-902.76	-0.50	-32.58
12	32	1188	-6.54e-02	-49.09	-49.00	-0.15	-2.05	4.78	-1457.33	-1455.50	2.95	-51.74
12	32	1189	-1.47e-03	-45.53	-45.45	-8.33e-02	-1.93	6.42	-1832.72	-1830.07	3.77	-69.76
12	32	1190	3.19e-03	-42.12	-42.04	-7.42e-02	-1.80	7.00	-2007.37	-2003.75	3.39	-85.25
12	32	1191	5.15e-04	-38.90	-38.83	-7.07e-02	-1.66	7.22	-1981.09	-1976.54	2.66	-95.02
12	32	1192	1.38e-03	-35.66	-35.59	-6.23e-02	-1.51	7.30	-1755.16	-1749.90	2.03	-96.18
12	32	1193	2.49e-02	-32.38	-32.32	-3.12e-02	-1.35	7.27	-1328.41	-1322.86	1.72	-85.94
12	32	1194	0.12	-30.22	-30.16	5.45e-02	-1.37	6.67	-700.37	-694.91	1.21	-61.89
12	32	1195	0.22	-33.75	-33.62	9.83e-02	-2.05	117.59	-11.29	108.95	-2.65	-32.23
12	32	1196	-0.53	-43.29	-43.17	-0.66	-2.27	849.44	-12.89	846.91	-10.36	-46.64
12	32	1197	0.74	-7.46	0.57	-7.28	1.20	419.53	-84.19	-24.77	360.11	-162.49
12	32	1198	-3.38e-02	-33.55	-0.15	-33.44	1.96	771.11	-129.52	-43.77	685.35	-264.35
12	32	1199	6.42	-7.12	6.24	-6.94	-1.55	1191.07	501.42	1075.07	617.43	257.96
12	32	1200	1.76	-6.82	1.30	-6.36	1.93	110.17	-107.95	-41.22	43.44	100.51
12	32	1201	2.89	-2.91	2.28	-2.30	1.78	-59.56	-844.55	-840.15	-63.97	58.65
12	32	1202	4.34	-1.20	3.56	-0.42	1.93	-102.62	-1434.43	-1434.28	-102.77	14.01
12	32	1203	5.61	-0.73	4.79	9.09e-02	2.13	-117.16	-1832.84	-1832.41	-117.60	-27.31
12	32	1204	6.78	-0.59	6.01	0.18	2.26	-119.99	-2037.70	-2035.74	-121.96	-61.42
12	32	1205	7.92	-0.50	7.24	0.18	2.29	-113.96	-2048.38	-2044.48	-117.85	-86.69
12	32	1206	9.04	-0.23	8.49	0.33	2.19	-92.70	-1864.13	-1858.28	-98.54	-101.60
12	32	1207	10.29	1.00	9.81	1.48	2.05	-33.47	-1481.36	-1473.97	-40.86	-103.17
12	32	1208	12.61	4.70	11.32	5.99	2.92	127.48	-881.43	-874.53	120.58	-83.16
12	32	1209	22.42	3.02	11.57	13.87	9.63	548.34	17.05	17.41	547.98	-13.74
12	32	1210	13.24	-16.94	8.49	-12.19	10.99	1716.84	774.15	1399.40	1091.59	445.51
12	32	1211	2.93	-63.01	-55.04	-5.04	-21.50	657.33	108.78	294.29	471.82	259.51
12	32	1212	18.88	-45.27	-42.80	16.41	-12.34	330.16	250.84	257.03	323.96	-21.28
12	32	1213	15.63	-25.50	-24.83	14.96	-5.19	291.32	-149.25	-115.01	257.08	-117.95
12	32	1214	10.55	-15.66	-15.55	10.44	-1.69	203.18	-541.78	-515.02	176.41	-138.65
12	32	1215	5.94	-11.27	-11.27	5.94	0.11	121.45	-897.20	-878.89	103.15	-135.33
12	32	1216	2.99	-9.72	-9.63	2.90	1.06	58.78	-1206.84	-1194.03	45.97	-126.69

12	32	1217	1.48	-9.42	-9.19	1.25	1.55	14.17	-1468.08	-1458.60	4.69	-118.20
12	32	1218	0.81	-9.50	-9.18	0.49	1.79	-16.34	-1680.25	-1672.85	-23.74	-110.72
12	32	1219	0.58	-9.61	-9.25	0.21	1.90	-36.66	-1843.27	-1837.29	-42.64	-103.76
12	32	1220	0.52	-9.67	-9.28	0.14	1.94	-49.83	-1957.24	-1952.33	-54.73	-96.60
12	32	1221	0.54	-9.66	-9.27	0.15	1.96	-58.03	-2022.25	-2018.25	-62.03	-88.56
12	32	1222	0.56	-9.62	-9.22	0.17	1.96	-62.69	-2038.38	-2035.21	-65.86	-79.16
12	32	1223	0.59	-9.55	-9.16	0.19	1.96	-64.66	-2005.70	-2003.31	-67.05	-68.05
12	32	1224	0.59	-9.49	-9.10	0.20	1.95	-64.31	-1924.23	-1922.61	-65.94	-54.91
12	32	1225	0.55	-9.45	-9.06	0.17	1.92	-61.57	-1794.02	-1793.12	-62.47	-39.53
12	32	1226	0.42	-9.41	-9.04	4.86e-02	1.87	-55.88	-1615.10	-1614.80	-56.18	-21.63
12	32	1227	8.46e-02	-9.34	-9.00	-0.25	1.75	-46.11	-1387.59	-1387.59	-46.11	-0.82
12	32	1228	-0.60	-9.15	-8.86	-0.89	1.54	-30.23	-1111.74	-1111.24	-30.74	23.36
12	32	1229	-1.81	-8.27	-8.04	-2.04	1.20	-4.46	-789.42	-785.72	-8.16	53.78
12	32	1230	-3.62	-6.99	-6.92	-3.69	0.48	45.34	-424.22	-406.93	28.05	88.44
12	32	1231	-3.95	-5.90	-4.72	-5.13	-0.95	188.41	-80.89	26.09	81.43	131.77
12	32	1232	1.56	-6.68	-1.27	-3.86	-3.91	629.32	73.65	552.85	150.12	191.43
12	32	1233	15.71	-5.18	0.75	9.78	-9.42	1406.33	65.42	1365.08	106.67	231.54
12	32	1234	26.61	-15.55	-15.19	26.25	3.87	1942.92	-207.80	1808.46	-73.34	-520.68
12	32	1235	32.81	-20.67	0.41	11.73	26.14	1777.81	-73.11	1233.30	471.40	-843.42
12	32	1236	14.56	-27.89	0.24	-13.57	20.07	1157.37	-239.24	305.46	612.67	-681.20
12	32	1237	3.82	-36.32	-13.63	-18.87	-19.90	161.85	17.36	67.80	111.40	68.88
12	32	1238	11.89	-36.56	-24.84	0.17	-20.75	58.41	-2.66	-2.37	58.13	-4.14
12	32	1239	9.56	-33.75	-28.51	4.32	-14.13	59.89	-252.77	-238.69	45.81	-64.83
12	32	1240	5.35	-30.67	-29.06	3.74	-7.45	54.96	-570.03	-556.76	41.70	-90.06
12	32	1241	2.52	-29.43	-29.12	2.22	-3.11	42.16	-894.48	-885.04	32.72	-93.56
12	32	1242	1.10	-28.99	-28.97	1.07	-0.82	26.79	-1194.23	-1187.63	20.19	-89.54
12	32	1243	0.45	-28.59	-28.59	0.45	0.19	12.37	-1453.82	-1448.86	7.40	-85.18
12	32	1244	0.18	-28.03	-28.01	0.17	0.54	0.48	-1666.61	-1662.48	-3.65	-82.83
12	32	1245	9.76e-02	-27.33	-27.31	8.31e-02	0.63	-8.54	-1830.17	-1826.42	-12.29	-82.54
12	32	1246	8.48e-02	-26.56	-26.54	6.96e-02	0.64	-14.96	-1943.87	-1940.25	-18.58	-83.49
12	32	1247	9.70e-02	-25.76	-25.74	8.13e-02	0.64	-19.24	-2007.69	-2004.07	-22.85	-84.75
12	32	1248	0.12	-24.94	-24.92	9.83e-02	0.65	-21.79	-2021.81	-2018.16	-25.45	-85.45
12	32	1249	0.13	-24.12	-24.11	0.11	0.68	-22.92	-1986.41	-1982.73	-26.59	-84.83
12	32	1250	0.15	-23.32	-23.30	0.13	0.72	-22.76	-1901.51	-1897.90	-26.37	-82.27
12	32	1251	0.15	-22.53	-22.50	0.12	0.76	-21.31	-1767.11	-1763.70	-24.73	-77.14
12	32	1252	0.11	-21.77	-21.74	8.24e-02	0.77	-18.38	-1583.08	-1580.05	-21.41	-68.77
12	32	1253	-2.29e-02	-21.05	-21.03	-4.44e-02	0.67	-13.70	-1349.13	-1346.75	-16.08	-56.37
12	32	1254	-0.33	-20.44	-20.43	-0.33	0.33	-6.93	-1064.53	-1063.07	-8.40	-39.34
12	32	1255	-0.86	-19.84	-19.83	-0.87	-0.46	1.50	-728.63	-728.27	1.14	-16.30
12	32	1256	-1.36	-19.58	-19.38	-1.56	-1.91	10.22	-346.73	-346.38	9.87	11.24
12	32	1257	-1.03	-19.80	-18.92	-1.92	-3.97	101.62	-7.42	84.14	10.06	40.00
12	32	1258	1.20	-20.85	-19.29	-0.36	-5.65	558.36	-20.45	555.09	-17.19	43.36
12	32	1259	4.30	-21.55	-21.13	3.88	-3.28	978.91	-63.02	977.00	-61.11	-44.54
12	32	1260	7.55	-22.65	-22.05	6.95	4.22	1234.73	-124.74	1188.74	-78.74	-245.78
12	32	1261	12.27	-23.79	-15.43	3.90	15.22	1159.32	-109.48	985.60	64.25	-436.17
12	32	1262	9.25	-20.43	-6.07	-5.11	14.83	783.92	-99.81	433.50	250.61	-432.30
12	37	38	69.49	41.45	45.72	65.22	10.07	3564.82	1162.80	3437.60	1290.02	537.97
12	37	69	63.85	-107.94	54.47	-98.57	-39.02	2806.10	97.02	1403.77	1499.35	1353.70
12	37	855	0.36	-52.83	0.35	-52.82	0.63	599.27	-60.30	6.56	532.41	-199.06
12	37	865	16.83	-2.33	7.76	6.74	9.57	1396.91	43.28	603.24	836.95	-666.65
12	37	866	9.36	-27.26	2.50	-20.41	14.29	691.17	-44.45	151.11	495.60	-324.99
12	37	1156	24.19	-14.88	5.67	3.63	19.51	863.68	546.20	571.06	838.81	85.30
12	37	1157	14.33	5.38	10.71	9.00	4.39	267.04	-423.11	-420.60	264.52	-41.58
12	37	1158	9.99	2.22	9.45	2.76	1.97	30.89	-1070.56	-1065.10	25.44	-77.35
12	37	1159	8.63	0.15	8.18	0.60	1.89	-56.67	-1501.76	-1496.67	-61.75	-85.60
12	37	1160	7.60	-0.37	7.04	0.19	2.03	-88.56	-1751.85	-1748.06	-92.34	-79.23
12	37	1161	6.59	-0.50	5.93	0.16	2.05	-99.44	-1828.21	-1825.94	-101.70	-62.57
12	37	1162	5.56	-0.58	4.83	0.14	1.98	-100.68	-1732.24	-1731.37	-101.54	-37.49
12	37	1163	4.48	-0.80	3.73	-5.64e-02	1.83	-93.83	-1464.40	-1464.38	-93.85	-5.23
12	37	1164	3.26	-1.61	2.61	-0.96	1.65	-71.53	-1025.70	-1024.59	-72.64	32.44
12	37	1165	1.97	-4.11	1.48	-3.62	1.66	-4.61	-420.46	-408.32	-16.75	70.01
12	37	1166	1.91	-7.12	1.69	-6.89	1.42	443.56	119.64	401.93	161.28	108.41
12	37	1167	7.03	2.25	5.98	3.29	1.97	3.02	-17.31	-0.38	-13.92	-7.59
12	37	1168	-0.54	-15.67	-15.25	-0.97	-2.50	-5.68	-71.60	-70.11	-7.17	9.80
12	37	1169	-0.49	-40.52	-40.37	-0.63	-2.40	-2.29	-524.00	-523.55	-2.74	-15.29
12	37	1170	-0.15	-44.48	-44.39	-0.23	-1.90	2.89	-1063.42	-1062.32	1.79	-34.27
12	37	1171	-1.69e-02	-41.80	-41.72	-9.04e-02	-1.75	5.29	-1480.58	-1478.84	3.55	-50.78
12	37	1172	3.29e-03	-38.61	-38.54	-6.70e-02	-1.65	6.15	-1724.46	-1721.90	3.59	-66.51
12	37	1173	1.29e-03	-35.67	-35.60	-6.43e-02	-1.53	6.42	-1789.74	-1786.29	2.96	-78.70
12	37	1174	-1.54e-04	-32.79	-32.73	-5.95e-02	-1.39	6.53	-1677.47	-1673.22	2.28	-84.48
12	37	1175	7.39e-03	-29.83	-29.78	-4.47e-02	-1.25	6.57	-1387.99	-1383.21	1.79	-81.47
12	37	1176	5.11e-02	-27.12	-27.07	2.76e-03	-1.15	6.37	-920.01	-915.13	1.49	-67.04
12	37	1177	0.16	-26.93	-26.85	8.78e-02	-1.40	6.30	-278.93	-272.86	0.24	-41.16
12	37	1178	3.36e-02	-33.87	-33.74	-0.10	-2.14	466.78	-7.63	465.17	-6.02	-27.60
12	37	1179	-0.65	-36.84	-36.83	-0.66	-0.67	886.81	-20.64	879.76	-13.59	-79.68
12	37	1180	2.42	0.69	1.53	1.59	-0.86	-2.71	-16.06	-14.74	-4.03	3.98
12	37	1181	-0.45	-26.36	-26.31	-0.51	1.18	825.83	-29.23	806.53	-9.93	-127.01

12	37	1182	0.53	-6.55	-6.40	0.38	0.99	447.45	-36.86	421.54	-10.95	-108.99
12	37	1183	-85.08	-115.31	-85.26	-115.13	2.36	390.29	-298.79	-293.15	384.65	-62.11
12	37	1184	20.61	3.37	19.15	4.83	4.79	128.61	-26.96	-26.54	128.19	8.02
12	37	1185	0.90	-2.70	-2.62	0.81	0.55	20.42	-15.27	14.93	-9.79	12.88
12	37	1186	-0.65	-31.11	-30.87	-0.90	-2.73	-5.36	-264.09	-264.07	-5.39	-2.71
12	37	1187	-0.30	-44.15	-44.05	-0.39	-2.08	0.68	-801.44	-800.63	-0.14	-25.53
12	37	1188	-5.79e-02	-43.36	-43.29	-0.13	-1.81	4.38	-1292.37	-1290.97	2.98	-42.54
12	37	1189	-1.28e-03	-40.17	-40.10	-7.34e-02	-1.70	5.83	-1624.94	-1622.81	3.70	-58.92
12	37	1190	2.84e-03	-37.12	-37.05	-6.53e-02	-1.59	6.32	-1779.36	-1776.36	3.31	-73.22
12	37	1191	4.63e-04	-34.23	-34.17	-6.21e-02	-1.46	6.49	-1755.65	-1751.78	2.62	-82.53
12	37	1192	1.19e-03	-31.32	-31.27	-5.46e-02	-1.32	6.55	-1555.00	-1550.44	1.99	-84.26
12	37	1193	2.17e-02	-28.38	-28.33	-2.72e-02	-1.18	6.54	-1176.41	-1171.52	1.65	-75.86
12	37	1194	0.10	-26.42	-26.36	4.83e-02	-1.19	6.06	-619.43	-614.52	1.15	-55.19
12	37	1195	0.20	-29.44	-29.33	8.84e-02	-1.79	106.63	-10.27	98.69	-2.33	-29.40
12	37	1196	-0.46	-37.84	-37.74	-0.57	-2.00	756.45	-11.60	754.11	-9.25	-42.41
12	37	1197	0.66	-6.60	0.50	-6.44	1.06	375.51	-74.57	-21.90	322.83	-144.69
12	37	1198	-3.27e-02	-29.63	-0.14	-29.53	1.74	692.17	-114.38	-38.82	616.61	-235.02
12	37	1199	5.53	-6.29	5.40	-6.16	-1.21	1058.36	451.28	957.99	551.65	225.52
12	37	1200	1.56	-6.02	1.14	-5.59	1.74	100.74	-88.33	-30.82	43.23	86.98
12	37	1201	2.59	-2.57	2.03	-2.01	1.61	-47.77	-742.91	-739.11	-51.57	51.29
12	37	1202	3.89	-1.07	3.18	-0.36	1.74	-85.66	-1266.24	-1266.09	-85.80	13.09
12	37	1203	5.03	-0.66	4.28	8.43e-02	1.92	-98.48	-1619.76	-1619.44	-98.80	-22.16
12	37	1204	6.07	-0.54	5.38	0.16	2.03	-100.97	-1801.74	-1800.21	-102.50	-51.02
12	37	1205	7.09	-0.45	6.49	0.16	2.05	-95.60	-1811.61	-1808.58	-98.63	-72.05
12	37	1206	8.10	-0.21	7.61	0.29	1.97	-76.62	-1648.72	-1644.23	-81.11	-83.86
12	37	1207	9.22	0.88	8.79	1.31	1.84	-23.64	-1309.86	-1304.38	-29.12	-83.79
12	37	1208	11.29	4.16	10.14	5.30	2.61	120.69	-778.59	-773.95	116.05	-64.44
12	37	1209	19.94	2.72	10.38	12.28	8.56	500.68	15.85	15.85	500.68	-1.03
12	37	1210	11.90	-14.96	7.67	-10.73	9.78	1547.24	696.16	1242.60	1000.80	408.00
12	37	1211	2.61	-55.69	-48.65	-4.43	-19.00	601.44	98.10	261.91	437.63	235.84
12	37	1212	16.71	-39.96	-37.79	14.54	-10.88	303.38	226.02	227.92	301.48	-11.97
12	37	1213	13.83	-22.46	-21.88	13.25	-4.56	263.75	-127.93	-102.39	238.21	-96.70
12	37	1214	9.34	-13.76	-13.66	9.25	-1.46	184.34	-477.50	-457.00	163.84	-114.67
12	37	1215	5.26	-9.88	-9.87	5.26	0.13	110.97	-793.38	-779.35	96.94	-111.76
12	37	1216	2.66	-8.51	-8.43	2.57	0.97	54.74	-1068.18	-1058.39	44.95	-104.40
12	37	1217	1.32	-8.25	-8.04	1.11	1.41	14.74	-1299.81	-1292.57	7.49	-97.33
12	37	1218	0.74	-8.32	-8.02	0.44	1.62	-12.63	-1487.80	-1482.13	-18.29	-91.24
12	37	1219	0.53	-8.42	-8.08	0.19	1.71	-30.84	-1632.15	-1627.55	-35.44	-85.69
12	37	1220	0.48	-8.47	-8.11	0.13	1.75	-42.65	-1732.97	-1729.18	-46.44	-79.99
12	37	1221	0.50	-8.46	-8.10	0.13	1.77	-50.00	-1790.39	-1787.28	-53.11	-73.53
12	37	1222	0.52	-8.42	-8.06	0.15	1.77	-54.18	-1804.48	-1802.00	-56.66	-65.89
12	37	1223	0.54	-8.37	-8.00	0.17	1.77	-55.96	-1775.31	-1773.43	-57.83	-56.73
12	37	1224	0.54	-8.31	-7.95	0.18	1.76	-55.67	-1702.90	-1701.63	-56.94	-45.79
12	37	1225	0.51	-8.27	-7.91	0.15	1.74	-53.25	-1587.29	-1586.59	-53.95	-32.87
12	37	1226	0.39	-8.23	-7.89	4.85e-02	1.69	-48.22	-1428.52	-1428.29	-48.45	-17.71
12	37	1227	0.10	-8.18	-7.86	-0.22	1.59	-39.58	-1226.68	-1226.68	-39.58	1.54e-02
12	37	1228	-0.50	-8.00	-7.73	-0.77	1.41	-25.55	-981.98	-981.53	-26.00	20.73
12	37	1229	-1.56	-7.24	-7.02	-1.79	1.10	-2.72	-695.96	-692.76	-5.92	46.97
12	37	1230	-3.16	-6.11	-6.04	-3.24	0.48	41.09	-371.77	-356.88	26.21	76.97
12	37	1231	-3.51	-5.12	-4.10	-4.52	-0.78	167.39	-66.69	27.04	73.66	114.69
12	37	1232	1.33	-5.84	-1.04	-3.47	-3.38	559.77	69.35	494.13	134.99	166.99
12	37	1233	13.64	-4.47	0.84	8.33	-8.24	1251.00	61.61	1215.55	97.06	202.25
12	37	1234	23.32	-13.43	-13.16	23.05	3.12	1732.25	-180.95	1610.47	-59.17	-467.08
12	37	1235	28.81	-17.94	0.38	10.49	22.82	1587.59	-62.37	1098.04	427.18	-753.71
12	37	1236	12.85	-24.45	0.21	-11.82	17.65	1035.13	-210.90	271.62	552.61	-606.96
12	37	1237	3.39	-32.12	-12.05	-16.68	-17.60	151.04	14.98	60.97	105.05	64.36
12	37	1238	10.53	-32.32	-21.95	0.16	-18.35	56.75	-1.39	-1.38	56.73	0.89
12	37	1239	8.45	-29.82	-25.19	3.83	-12.48	54.75	-221.52	-211.51	44.74	-51.61
12	37	1240	4.73	-27.08	-25.66	3.31	-6.57	49.90	-503.81	-493.99	40.08	-73.06
12	37	1241	2.23	-25.97	-25.71	1.97	-2.72	38.24	-792.22	-785.27	31.28	-75.68
12	37	1242	0.97	-25.58	-25.56	0.95	-0.70	24.33	-1058.37	-1053.55	19.52	-72.02
12	37	1243	0.40	-25.22	-25.21	0.40	0.19	11.31	-1288.62	-1285.02	7.70	-68.34
12	37	1244	0.17	-24.71	-24.70	0.16	0.51	0.58	-1477.20	-1474.19	-2.44	-66.64
12	37	1245	8.98e-02	-24.08	-24.07	7.57e-02	0.58	-7.57	-1622.05	-1619.27	-10.35	-66.89
12	37	1246	7.87e-02	-23.39	-23.37	6.38e-02	0.59	-13.38	-1722.64	-1719.90	-16.12	-68.32
12	37	1247	8.96e-02	-22.67	-22.65	7.42e-02	0.59	-17.26	-1778.98	-1776.19	-20.05	-70.09
12	37	1248	0.11	-21.93	-21.92	8.92e-02	0.60	-19.59	-1791.27	-1788.39	-22.47	-71.39
12	37	1249	0.12	-21.20	-21.18	0.10	0.63	-20.63	-1759.66	-1756.71	-23.58	-71.55
12	37	1250	0.14	-20.48	-20.46	0.11	0.67	-20.52	-1684.20	-1681.25	-23.47	-70.00
12	37	1251	0.14	-19.77	-19.75	0.11	0.71	-19.25	-1564.88	-1562.04	-22.09	-66.19
12	37	1252	0.10	-19.09	-19.06	7.63e-02	0.71	-16.65	-1401.58	-1399.02	-19.22	-59.50
12	37	1253	-1.29e-02	-18.44	-18.42	-3.44e-02	0.63	-12.49	-1194.06	-1192.00	-14.55	-49.24
12	37	1254	-0.28	-17.89	-17.88	-0.29	0.33	-6.46	-941.65	-940.35	-7.77	-34.87
12	37	1255	-0.75	-17.34	-17.33	-0.76	-0.36	1.04	-643.73	-643.38	0.68	-15.14
12	37	1256	-1.20	-17.09	-16.92	-1.37	-1.63	8.73	-304.90	-304.66	8.49	8.63
12	37	1257	-0.93	-17.27	-16.50	-1.69	-3.45	91.00	-4.89	77.25	8.85	33.61
12	37	1258	1.02	-18.19	-16.81	-0.35	-4.95	497.77	-17.56	495.21	-14.99	36.24

12	37	1259	3.75	-18.82	-18.43	3.36	-2.94	871.83	-55.37	869.93	-53.47	-41.89
12	37	1260	6.60	-19.77	-19.27	6.10	3.60	1100.22	-110.45	1058.52	-68.75	-220.80
12	37	1261	10.76	-20.81	-13.53	3.47	13.30	1033.65	-96.83	877.71	59.11	-389.84
12	37	1262	8.16	-17.96	-5.34	-4.46	13.05	699.68	-88.31	386.02	225.35	-385.72

M_G	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
	108.83	-175.24	-129.69	-174.95	-59.58	5381.58	-2779.79	-2775.75	-167.69	-1127.10
			82.65	102.34	35.39			5178.01	2124.60	2026.36

Macro	Tipo	Angolo 1-X (gradi)
13	Guscio	0.0

M_G	Cmb	Nodo	N max daN/cm	N min daN/cm	N 1 daN/cm	N 2 daN/cm	N 1-2 daN/cm	M max daN	M min daN	M 1 daN	M 2 daN	M 1-2 daN
13	8	22	627.73	-59.89	599.74	-31.90	-135.88	8974.12	1777.00	8714.82	2036.30	-1341.27
13	8	30	100.34	-85.11	-77.70	92.94	-36.31	2387.55	-248.69	936.35	1202.50	1311.39
13	8	1263	-1.70	-178.47	-24.91	-155.25	59.70	2589.11	787.41	2507.11	869.41	-375.54
13	8	1264	-29.68	-167.00	-35.85	-160.83	28.44	816.12	11.63	766.15	61.61	-194.19
13	8	1265	-0.37	-146.78	-8.35	-138.80	33.24	276.05	-430.57	251.58	-406.10	-129.21
13	8	1266	13.90	-126.53	2.04	-114.67	39.05	99.07	-703.11	84.17	-688.21	-108.32
13	8	1267	21.55	-106.08	5.12	-89.65	42.75	42.11	-811.32	30.89	-800.10	-97.20
13	8	1268	28.48	-85.65	6.85	-64.03	44.73	39.37	-748.55	30.70	-739.87	-82.22
13	8	1269	37.84	-64.59	11.19	-37.95	44.93	96.46	-505.34	90.99	-499.87	-57.12
13	8	1270	54.23	-42.03	24.38	-12.18	44.52	291.56	-51.84	290.95	-51.23	-14.44
13	8	1271	79.91	-53.53	27.94	-1.56	65.07	848.83	652.80	782.46	719.17	92.77
13	8	1272	335.34	-6.69	-6.51	335.15	7.91	338.09	-303.10	-84.83	119.82	303.83
13	8	1273	9.97	2.84	3.67	9.13	2.29	3.50	-12.42	-7.06	-1.86	-7.52
13	8	1274	411.21	-0.29	1.00	409.92	23.00	1533.66	-194.10	3.16	1336.40	549.47
13	8	1275	460.41	1.70	3.76	458.35	30.65	613.58	-90.88	14.38	508.32	251.14
13	8	1276	415.66	0.51	2.72	413.46	30.17	15.11	-216.90	5.85	-207.64	45.42
13	8	1277	339.77	0.10	1.97	337.91	25.11	3.75	-629.27	0.94	-626.46	-42.10
13	8	1278	259.67	2.84e-02	1.50	258.19	19.52	5.43	-807.96	0.19	-802.72	-65.07
13	8	1279	178.79	-6.17e-03	1.10	177.69	13.99	5.36	-776.57	1.13	-772.34	-57.37
13	8	1280	97.56	-0.18	0.57	96.82	8.51	3.85	-552.60	1.54	-550.28	-35.84
13	8	1281	23.84	-0.84	-0.48	23.48	2.97	-4.82e-02	-178.22	-0.29	-177.97	-6.57
13	8	1282	-1.50	-9.32	-2.09	-8.73	-2.07	140.04	-8.24	-1.92	133.72	29.95
13	8	1283	27.26	3.76	3.93	27.08	2.01	175.88	-36.62	162.19	-22.93	52.16
13	8	1284	-128.95	-148.14	-147.61	-129.48	3.15	398.31	-244.29	394.80	-240.78	47.37
13	8	1285	66.47	-12.70	36.40	17.37	38.43	1466.95	628.79	845.95	1249.79	367.23
13	8	1286	67.24	-34.33	34.33	-1.42	47.53	497.82	278.09	495.62	280.29	21.90
13	8	1287	44.71	-53.33	16.25	-24.87	44.49	167.78	-308.64	164.58	-305.45	-38.88
13	8	1288	32.65	-75.31	8.38	-51.04	45.07	57.71	-650.50	50.47	-643.26	-71.25
13	8	1289	24.89	-95.87	5.93	-76.90	43.94	34.96	-801.74	25.02	-791.79	-90.67
13	8	1290	18.08	-116.32	4.01	-102.25	41.14	61.87	-778.18	49.13	-765.44	-102.67
13	8	1291	8.16	-136.69	-1.65	-126.88	36.39	163.97	-586.99	145.56	-568.58	-116.12
13	8	1292	-12.96	-156.90	-19.56	-150.30	30.10	471.35	-233.24	436.59	-198.48	-152.59
13	8	1293	-43.65	-176.15	-51.98	-167.82	32.15	1436.25	327.83	1368.48	395.61	-265.57
13	8	1294	-70.04	-180.70	-90.00	-160.74	-42.55	4831.39	1718.20	4760.49	1789.10	-464.45
13	8	1295	282.88	-25.00	276.85	-18.97	42.65	3887.94	1800.79	3384.41	2304.33	892.98
13	8	1296	222.01	17.59	17.63	221.97	-2.70	839.54	-121.54	197.41	520.58	452.56
13	8	1297	360.75	-0.72	1.20	358.82	26.30	1632.90	-271.37	-41.72	1403.25	620.14
13	8	1298	448.59	2.58	4.26	446.92	27.32	1101.95	-134.01	14.75	953.18	402.17
13	8	1299	445.64	1.01	3.25	443.40	31.48	200.87	-78.99	10.16	111.72	130.39
13	8	1300	378.95	0.23	2.29	376.90	27.82	2.93	-451.15	2.73	-450.95	-9.49
13	8	1301	299.84	4.97e-02	1.72	298.16	22.32	4.86	-746.56	0.20	-741.89	-59.00
13	8	1302	219.33	1.56e-02	1.30	218.05	16.75	5.56	-817.22	0.59	-812.25	-63.73
13	8	1303	138.08	-5.93e-02	0.86	137.16	11.25	4.83	-687.58	1.53	-684.28	-47.70
13	8	1304	58.48	-0.43	0.14	57.91	5.76	2.24	-377.69	0.93	-376.38	-22.26
13	8	1305	-0.64	-1.49	-1.39	-0.74	0.27	18.38	-8.57	-1.55	11.36	11.83
13	8	1306	-0.81	-3.44	-0.82	-3.43	-0.12	130.80	-11.04	-2.28	122.04	34.14
13	8	1307	27.96	-66.89	27.81	-66.74	-3.82	715.69	51.63	367.06	400.25	331.61
13	8	1308	0.49	-30.42	-9.76	-20.17	-14.55	275.00	-5.01	107.18	162.81	137.21
13	8	1309	49.10	-51.34	44.48	-46.72	21.04	432.33	252.00	263.03	421.29	43.22
13	8	1310	10.60	-17.98	10.59	-17.97	0.45	216.93	29.79	44.56	202.16	50.45
13	8	1311	50.72	-40.34	31.42	-21.05	37.21	239.42	140.77	211.47	168.72	-44.46
13	8	1312	22.50	-17.56	11.80	-6.86	17.72	68.92	28.58	33.48	64.02	-13.18
13	8	1313	54.64	-41.44	21.26	-8.07	45.75	164.22	-116.36	147.13	-99.27	-67.11
13	8	1314	39.83	-20.73	9.47	9.62	30.28	38.66	-154.20	28.97	-144.51	-42.14
13	8	1315	57.78	-44.65	14.27	-1.15	50.63	102.94	-343.85	90.81	-331.72	-72.62
13	8	1316	56.99	-21.13	7.46	28.40	37.63	27.76	-361.60	20.18	-354.01	-53.81
13	8	1317	60.39	-46.58	10.38	3.44	53.37	59.46	-528.58	49.58	-518.70	-75.59

13	8	1318	74.28	-19.21	6.37	48.70	41.68	16.39	-540.17	9.73	-533.50	-60.53
13	8	1319	62.79	-46.87	8.50	7.42	54.83	32.22	-668.10	23.14	-659.02	-79.25
13	8	1320	92.41	-16.51	5.94	69.97	44.06	7.63	-677.64	1.05	-671.06	-66.83
13	8	1321	65.12	-46.00	7.68	11.44	55.53	18.49	-762.31	9.52	-753.34	-83.21
13	8	1322	111.51	-13.94	5.84	91.73	45.72	3.19	-769.74	-3.75	-762.80	-72.91
13	8	1323	67.38	-44.49	7.31	15.58	55.78	16.51	-811.63	7.44	-802.56	-86.19
13	8	1324	131.36	-11.81	5.88	113.67	47.11	4.06	-815.08	-3.23	-807.79	-76.91
13	8	1325	69.45	-42.67	7.03	19.76	55.70	26.33	-816.42	17.31	-807.40	-86.72
13	8	1326	151.61	-10.14	5.94	135.54	48.40	11.34	-812.88	4.30	-805.84	-75.86
13	8	1327	71.11	-40.77	6.52	23.81	55.27	50.40	-776.73	41.96	-768.28	-83.14
13	8	1328	171.91	-8.85	5.93	157.12	49.54	27.03	-761.94	21.52	-756.43	-65.72
13	8	1329	71.96	-38.96	5.35	27.65	54.33	94.46	-692.20	87.57	-685.31	-73.30
13	8	1330	191.80	-7.95	5.66	178.20	50.33	55.13	-660.49	52.80	-658.16	-40.74
13	8	1331	71.49	-37.47	2.67	31.34	52.56	169.15	-562.05	165.16	-558.06	-53.89
13	8	1332	210.66	-7.52	4.70	198.45	50.17	104.89	-508.35	104.81	-508.26	7.37
13	8	1333	69.38	-36.74	-2.91	35.55	49.46	293.51	-385.74	292.95	-385.18	-19.39
13	8	1334	227.66	-7.86	2.28	217.52	47.81	202.86	-318.40	186.60	-302.14	90.62
13	8	1335	66.67	-37.85	-13.28	42.11	44.32	501.90	-165.86	499.54	-163.50	39.63
13	8	1336	242.03	-9.62	-2.73	235.14	41.06	420.00	-145.28	308.14	-33.41	225.21
13	8	1337	68.35	-42.88	-29.64	55.11	36.03	853.38	87.97	827.15	114.20	139.24
13	8	1338	253.98	-13.54	-10.80	251.24	26.89	826.70	-48.41	474.21	304.09	429.21
13	8	1339	85.54	-52.43	-48.89	81.99	21.82	1427.11	367.56	1330.22	464.45	305.40
13	8	1340	264.40	-18.34	-18.30	264.36	3.42	1398.74	-23.79	667.88	707.06	711.00
13	8	1341	134.02	-62.78	-62.49	133.73	-7.49	2289.36	679.71	2049.27	919.80	573.43
13	8	1342	263.90	-13.96	-12.21	262.15	-21.97	2022.15	-73.14	819.53	1129.48	1036.12
13	8	1343	172.90	12.06	61.77	123.19	-74.33	3397.21	907.12	2932.55	1371.78	970.12
13	8	1344	248.61	14.40	15.38	247.63	-15.11	2473.91	-265.16	748.68	1460.07	1322.54
13	22	22	574.64	-46.92	551.08	-23.36	-118.71	8243.30	1757.24	7983.54	2017.00	-1271.75
13	22	30	92.03	-82.95	-74.84	83.92	-36.78	2524.79	-228.36	1044.22	1252.20	1372.64
13	22	1263	-1.94	-159.74	-22.66	-139.02	53.29	2396.82	785.11	2315.11	866.82	-353.58
13	22	1264	-27.58	-149.96	-32.79	-144.76	24.70	764.27	2.20	714.42	52.05	-188.43
13	22	1265	-1.11	-132.24	-7.85	-125.50	28.96	264.68	-451.36	240.57	-427.25	-129.16
13	22	1266	11.69	-114.41	1.59	-104.31	34.23	101.56	-730.23	86.98	-715.66	-109.12
13	22	1267	18.44	-96.32	4.40	-82.28	37.61	50.08	-838.64	39.43	-827.99	-96.68
13	22	1268	24.46	-78.14	5.98	-59.67	39.42	50.65	-770.35	42.93	-762.62	-79.25
13	22	1269	32.63	-59.29	9.95	-36.62	39.63	112.44	-516.22	108.29	-512.07	-50.91
13	22	1270	47.23	-39.10	21.95	-13.82	39.29	319.94	-46.88	319.89	-46.84	-4.13
13	22	1271	69.88	-49.99	24.82	-4.93	58.06	913.51	676.71	839.88	750.34	109.61
13	22	1272	288.14	-6.32	-6.18	288.00	6.35	410.51	-232.98	-76.63	254.17	275.98
13	22	1273	9.28	2.58	3.37	8.49	2.16	3.80	-13.32	-7.77	-1.75	-8.02
13	22	1274	357.74	-0.27	0.81	356.66	19.68	1440.25	-163.92	1.69	1274.64	488.11
13	22	1275	405.31	1.55	3.35	403.51	26.87	542.21	-75.70	12.09	454.41	215.73
13	22	1276	366.97	0.47	2.41	365.03	26.61	7.78	-254.71	4.70	-251.63	28.29
13	22	1277	300.06	9.86e-02	1.75	298.42	22.16	4.35	-671.07	0.61	-667.33	-50.14
13	22	1278	229.20	2.97e-02	1.33	227.89	17.22	5.86	-846.16	0.35	-840.64	-68.34
13	22	1279	157.53	-1.83e-03	0.97	156.56	12.32	5.68	-807.88	1.59	-803.78	-57.56
13	22	1280	85.45	-0.16	0.49	84.80	7.46	4.11	-572.21	2.13	-570.23	-33.78
13	22	1281	20.18	-0.76	-0.45	19.87	2.54	0.22	-182.10	0.17	-182.05	-2.98
13	22	1282	-1.33	-8.38	-1.89	-7.82	-1.91	149.92	-9.52	-1.86	142.26	34.10
13	22	1283	25.66	4.05	4.28	25.43	2.19	191.66	-37.96	177.45	-23.75	55.33
13	22	1284	-119.64	-136.53	-135.77	-120.40	3.51	437.06	-254.03	433.40	-250.37	50.17
13	22	1285	56.75	-13.29	31.52	11.95	33.63	1547.66	668.80	916.29	1300.16	395.30
13	22	1286	58.88	-32.32	30.92	-4.36	42.05	540.94	291.28	535.98	296.25	34.86
13	22	1287	38.72	-49.20	14.56	-25.04	39.24	188.27	-312.12	186.37	-310.22	-30.76
13	22	1288	28.08	-68.89	7.38	-48.19	39.74	70.91	-667.50	64.83	-661.42	-66.75
13	22	1289	21.34	-87.25	5.14	-71.04	38.70	44.63	-826.98	35.44	-817.79	-89.03
13	22	1290	15.39	-105.39	3.39	-93.38	36.14	67.63	-806.14	55.32	-793.83	-103.00
13	22	1291	6.56	-123.36	-1.76	-115.04	31.82	161.24	-611.73	143.14	-593.63	-116.88
13	22	1292	-12.48	-141.12	-18.03	-135.57	26.14	445.28	-248.71	410.90	-214.34	-150.58
13	22	1293	-40.14	-157.92	-47.32	-150.74	28.18	1336.78	324.07	1268.84	392.01	-253.35
13	22	1294	-62.02	-161.02	-79.77	-143.28	-37.97	4443.77	1686.54	4372.53	1757.78	-437.44
13	22	1295	258.62	-23.33	253.43	-18.14	37.90	3557.13	1713.53	3076.65	2194.01	809.29
13	22	1296	192.36	16.32	16.36	192.32	-2.79	849.12	-58.94	186.86	603.32	403.47
13	22	1297	310.82	-0.68	0.98	309.15	22.72	1562.07	-230.37	-38.31	1370.01	554.41
13	22	1298	393.22	2.34	3.79	391.78	23.71	1016.38	-112.21	12.25	891.92	353.52
13	22	1299	393.10	0.92	2.89	391.13	27.72	145.41	-72.96	8.44	64.02	105.59
13	22	1300	334.66	0.22	2.03	332.85	24.55	2.96	-493.90	2.05	-492.99	-21.27
13	22	1301	264.75	4.92e-02	1.52	263.27	19.69	5.41	-786.83	0.15	-781.57	-64.33
13	22	1302	193.47	1.80e-02	1.15	192.34	14.76	5.92	-852.51	0.92	-847.51	-65.33
13	22	1303	121.41	-5.03e-02	0.76	120.60	9.89	5.13	-713.67	2.08	-710.63	-46.68
13	22	1304	50.79	-0.38	0.11	50.29	5.02	2.45	-389.69	1.49	-388.73	-19.34
13	22	1305	-1.13	-1.42	-1.27	-1.28	0.15	24.73	-10.96	-1.26	15.03	15.88
13	22	1306	-0.68	-2.84	-0.68	-2.84	-1.25e-02	139.25	-12.41	-2.51	129.35	37.46
13	22	1307	24.54	-62.55	24.31	-62.31	-4.53	762.52	58.74	403.84	417.43	351.83
13	22	1308	0.25	-28.53	-9.48	-18.80	-13.61	294.27	-4.44	119.04	170.79	147.09
13	22	1309	43.51	-48.28	39.91	-44.68	17.82	456.84	272.70	289.88	439.66	53.56
13	22	1310	9.33	-17.34	9.32	-17.34	-0.32	231.58	33.24	52.43	212.39	58.63

13	22	1311	44.37	-37.50	28.29	-21.41	32.53	250.73	159.52	232.06	178.19	-36.80
13	22	1312	19.15	-16.28	10.55	-7.68	15.19	70.27	38.27	39.50	69.04	-6.15
13	22	1313	47.51	-38.01	19.13	-9.63	40.27	175.55	-112.69	162.27	-99.41	-60.42
13	22	1314	34.23	-18.86	8.48	6.89	26.53	40.34	-154.35	33.57	-147.57	-35.68
13	22	1315	50.10	-40.70	12.79	-3.38	44.67	111.54	-350.33	101.70	-340.49	-66.71
13	22	1316	49.32	-19.14	6.65	23.52	33.18	29.22	-371.21	23.40	-365.39	-47.92
13	22	1317	52.31	-42.34	9.23	0.74	47.13	65.60	-543.10	57.28	-534.78	-70.68
13	22	1318	64.54	-17.36	5.66	41.52	36.82	17.07	-557.74	11.66	-552.32	-55.54
13	22	1319	54.35	-42.54	7.51	4.30	48.42	36.37	-688.99	28.42	-681.03	-75.55
13	22	1320	80.53	-14.89	5.25	60.39	38.94	7.44	-701.72	1.77	-696.05	-63.18
13	22	1321	56.34	-41.71	6.75	7.88	49.02	20.97	-788.10	12.80	-779.93	-80.91
13	22	1322	97.39	-12.54	5.15	79.70	40.39	2.13	-798.92	-4.21	-792.58	-70.99
13	22	1323	58.27	-40.29	6.41	11.58	49.21	17.38	-840.95	8.79	-832.36	-85.41
13	22	1324	114.92	-10.59	5.18	99.15	41.60	2.09	-848.08	-4.97	-841.02	-77.14
13	22	1325	60.03	-38.60	6.14	15.29	49.10	25.33	-847.92	16.45	-839.04	-87.58
13	22	1326	132.82	-9.06	5.23	118.52	42.71	8.27	-848.51	0.97	-841.21	-78.75
13	22	1327	61.41	-36.83	5.68	18.90	48.67	46.83	-809.09	38.15	-800.41	-85.79
13	22	1328	150.74	-7.90	5.22	137.63	43.69	22.36	-799.10	16.01	-792.75	-71.94
13	22	1329	62.04	-35.14	4.60	22.31	47.77	86.96	-724.13	79.39	-716.56	-78.00
13	22	1330	168.29	-7.08	4.96	156.25	44.34	47.64	-697.97	44.08	-694.42	-51.38
13	22	1331	61.46	-33.72	2.16	25.59	46.13	155.23	-592.14	150.19	-587.10	-61.14
13	22	1332	184.88	-6.69	4.08	174.11	44.13	91.38	-543.86	91.24	-543.72	-9.39
13	22	1333	59.39	-32.98	-2.93	29.34	43.27	268.52	-412.15	267.18	-410.81	-30.13
13	22	1334	199.77	-7.01	1.87	190.90	41.91	173.97	-344.83	165.68	-346.55	65.03
13	22	1335	56.77	-33.90	-12.38	35.25	38.58	457.33	-185.64	456.46	-184.77	23.64
13	22	1336	212.29	-8.63	-2.71	206.36	35.69	358.25	-149.05	276.41	-67.21	186.60
13	22	1337	58.32	-38.51	-27.25	47.07	31.04	775.85	78.22	756.45	97.62	114.72
13	22	1338	222.67	-12.29	-10.08	220.46	22.71	728.43	-31.30	427.57	269.56	371.56
13	22	1339	74.35	-47.45	-44.67	71.58	18.18	1299.94	367.71	1216.32	451.33	266.39
13	22	1340	231.89	-16.89	-16.89	231.88	1.28	1264.48	8.84	603.55	669.78	626.95
13	22	1341	119.15	-56.99	-56.60	118.76	-8.33	2090.10	686.13	1871.33	904.90	509.20
13	22	1342	231.44	-13.14	-11.18	229.48	-21.79	1851.93	-21.35	741.46	1089.13	920.37
13	22	1343	157.33	9.86	56.91	110.27	-68.74	3097.33	926.01	2673.41	1349.92	860.67
13	22	1344	216.78	13.37	14.51	215.64	-15.20	2285.77	-182.93	680.38	1422.46	1177.26
13	32	22	460.81	-42.49	440.69	-22.37	-98.60	6597.72	1337.25	6402.75	1532.21	-993.78
13	32	30	74.01	-63.91	-58.18	68.27	-27.54	1825.01	-187.33	720.53	917.15	1001.35
13	32	1263	-1.32	-130.54	-18.27	-113.60	43.62	1906.80	594.23	1846.40	654.63	-275.01
13	32	1264	-21.86	-122.25	-26.32	-117.80	20.67	600.65	6.97	564.30	43.32	-142.33
13	32	1265	-0.40	-107.54	-6.16	-101.78	24.18	202.63	-329.72	185.05	-312.14	-95.13
13	32	1266	10.03	-92.80	1.45	-84.21	28.44	72.47	-537.03	61.75	-526.31	-80.12
13	32	1267	15.61	-77.88	3.71	-65.98	31.16	30.82	-618.81	22.75	-610.74	-71.99
13	32	1268	20.64	-62.96	4.98	-47.30	32.62	29.52	-570.27	23.31	-564.06	-60.69
13	32	1269	27.45	-47.55	8.19	-28.28	32.77	73.54	-384.37	69.74	-380.57	-41.58
13	32	1270	39.44	-31.04	17.89	-9.49	32.48	223.04	-38.67	222.73	-38.35	-9.03
13	32	1271	58.18	-39.63	20.42	-1.87	47.62	650.56	496.74	598.56	548.74	72.77
13	32	1272	243.47	-4.95	-4.82	243.34	5.68	266.47	-213.61	-62.14	115.00	223.10
13	32	1273	7.38	2.09	2.71	6.76	1.70	2.62	-9.49	-5.43	-1.44	-5.72
13	32	1274	299.11	-0.21	0.72	298.18	16.68	1135.84	-140.34	2.20	993.30	401.98
13	32	1275	335.59	1.25	2.74	334.10	22.32	448.17	-65.96	10.49	371.73	182.92
13	32	1276	303.13	0.38	1.98	301.53	21.99	9.99	-171.53	4.28	-165.82	31.67
13	32	1277	247.79	7.74e-02	1.44	246.43	18.31	2.92	-483.18	0.73	-480.99	-32.58
13	32	1278	189.33	2.19e-02	1.10	188.25	14.23	4.14	-617.16	0.23	-613.25	-49.12
13	32	1279	130.27	-3.49e-03	0.80	129.47	10.19	4.08	-591.97	0.97	-588.87	-42.90
13	32	1280	70.94	-0.13	0.41	70.40	6.19	2.93	-420.48	1.28	-418.83	-26.40
13	32	1281	17.13	-0.62	-0.36	16.87	2.14	-1.09e-02	-134.74	-0.14	-134.61	-4.16
13	32	1282	-1.09	-6.87	-1.54	-6.43	-1.53	108.00	-6.46	-1.44	102.98	23.43
13	32	1283	20.25	2.89	3.04	20.11	1.56	135.36	-28.03	124.86	-17.52	40.07
13	32	1284	-95.43	-109.46	-109.02	-95.87	2.45	306.05	-186.37	303.33	-183.65	36.46
13	32	1285	48.08	-9.71	26.40	11.97	27.98	1121.16	479.77	647.87	953.06	282.06
13	32	1286	48.97	-25.44	25.19	-1.65	34.70	381.30	212.23	379.21	214.33	18.70
13	32	1287	32.47	-39.31	11.91	-18.74	32.45	128.21	-234.33	126.08	-232.20	-27.67
13	32	1288	23.67	-55.39	6.11	-37.83	32.87	43.76	-495.24	38.62	-490.11	-52.34
13	32	1289	18.04	-70.42	4.30	-56.69	32.03	25.83	-611.15	18.69	-604.00	-67.08
13	32	1290	13.08	-85.35	2.90	-75.16	29.98	45.20	-593.91	36.02	-584.74	-76.03
13	32	1291	5.84	-100.19	-1.26	-93.10	26.49	120.16	-448.79	106.94	-435.56	-85.72
13	32	1292	-9.62	-114.91	-14.38	-110.14	21.88	346.49	-179.41	321.41	-154.34	-112.06
13	32	1293	-32.08	-128.90	-38.12	-122.86	23.41	1057.78	247.04	1008.09	296.73	-194.47
13	32	1294	-51.14	-132.03	-65.67	-117.50	-31.05	3554.54	1289.79	3502.02	1342.32	-340.87
13	32	1295	207.56	-18.47	203.20	-14.11	31.08	2856.21	1336.20	2481.53	1710.88	655.08
13	32	1296	161.37	12.89	12.92	161.34	-2.04	632.06	-79.56	145.50	407.00	330.92
13	32	1297	261.99	-0.53	0.87	260.59	19.11	1214.26	-196.21	-30.62	1048.66	454.03
13	32	1298	326.74	1.89	3.11	325.52	19.86	812.86	-96.93	10.72	705.21	293.86
13	32	1299	324.95	0.74	2.37	323.31	22.94	140.67	-59.10	7.42	74.15	94.15
13	32	1300	276.37	0.17	1.67	274.87	20.29	2.23	-349.09	2.02	-348.88	-8.68
13	32	1301	218.65	3.76e-02	1.25	217.43	16.27	3.74	-571.30	0.21	-567.78	-44.86
13	32	1302	159.88	1.25e-02	0.95	158.94	12.21	4.23	-623.51	0.56	-619.83	-47.88
13	32	1303	100.54	-4.26e-02	0.63	99.87	8.19	3.68	-523.71	1.28	-521.31	-35.46

13	32	1304	42.40	-0.31	0.10	41.98	4.18	1.70	-286.91	0.81	-286.02	-16.07
13	32	1305	-0.66	-1.11	-1.03	-0.74	0.17	15.51	-6.85	-1.12	9.79	9.76
13	32	1306	-0.58	-2.47	-0.59	-2.47	-7.34e-02	100.55	-8.58	-1.76	93.72	26.43
13	32	1307	20.36	-49.60	20.23	-49.46	-3.07	548.30	39.33	282.14	305.49	254.22
13	32	1308	0.33	-22.60	-7.33	-14.94	-10.81	211.27	-3.97	82.73	124.57	105.57
13	32	1309	35.85	-38.10	32.60	-34.84	15.16	330.96	192.94	202.16	321.74	34.46
13	32	1310	7.72	-13.46	7.72	-13.45	0.14	166.82	22.85	34.77	154.90	39.68
13	32	1311	36.90	-29.82	23.05	-15.97	27.06	182.07	109.64	162.38	129.33	-32.23
13	32	1312	16.23	-12.97	8.64	-5.38	12.81	52.48	23.38	26.17	49.69	-8.56
13	32	1313	39.70	-30.52	15.60	-6.42	33.34	125.18	-87.12	112.99	-74.93	-49.39
13	32	1314	28.82	-15.24	6.94	6.64	22.03	29.30	-115.99	22.61	-109.30	-30.45
13	32	1315	41.95	-32.83	10.46	-1.33	36.92	78.47	-260.87	69.81	-252.20	-53.53
13	32	1316	41.33	-15.52	5.46	20.35	27.43	21.10	-274.44	15.80	-269.13	-39.23
13	32	1317	43.84	-34.22	7.59	2.03	38.93	45.23	-401.97	38.16	-394.90	-55.77
13	32	1318	53.93	-14.10	4.66	35.18	30.40	12.42	-410.86	7.73	-406.17	-44.29
13	32	1319	45.58	-34.42	6.20	4.95	39.99	24.31	-508.62	17.80	-502.11	-58.54
13	32	1320	67.16	-12.11	4.33	50.71	32.14	5.66	-515.98	0.99	-511.32	-49.11
13	32	1321	47.26	-33.77	5.59	7.89	40.50	13.62	-580.77	7.17	-574.32	-61.58
13	32	1322	81.09	-10.22	4.26	66.61	33.35	2.14	-586.57	-2.82	-581.61	-53.81
13	32	1323	48.90	-32.65	5.32	10.93	40.68	11.78	-618.75	5.23	-612.21	-63.89
13	32	1324	95.57	-8.65	4.28	82.63	34.36	2.60	-621.61	-2.66	-616.36	-57.03
13	32	1325	50.40	-31.31	5.11	13.98	40.61	18.77	-622.84	12.24	-616.31	-64.38
13	32	1326	110.35	-7.42	4.33	98.60	35.29	7.84	-620.53	2.71	-615.40	-56.55
13	32	1327	51.60	-29.90	4.74	16.95	40.29	36.35	-593.08	30.22	-586.95	-61.80
13	32	1328	125.16	-6.48	4.32	114.36	36.12	19.33	-582.45	15.26	-578.38	-49.35
13	32	1329	52.20	-28.56	3.88	19.76	39.59	68.71	-529.22	63.69	-524.21	-54.55
13	32	1330	139.67	-5.81	4.12	129.74	36.69	39.97	-506.06	38.18	-504.27	-31.21
13	32	1331	51.83	-27.45	1.91	22.47	38.28	123.67	-430.68	120.74	-427.75	-40.19
13	32	1332	153.42	-5.49	3.42	144.51	36.56	76.39	-391.09	76.35	-391.06	4.01
13	32	1333	50.26	-26.90	-2.18	25.54	36.00	215.17	-297.03	214.75	-296.61	-14.66
13	32	1334	165.81	-5.75	1.64	158.42	34.82	147.49	-246.46	136.42	-235.39	65.11
13	32	1335	48.25	-27.69	-9.79	30.35	32.23	368.41	-130.12	366.72	-128.43	28.96
13	32	1336	176.27	-7.03	-2.03	171.27	29.86	305.24	-112.19	225.66	-32.61	163.97
13	32	1337	49.48	-31.37	-21.78	39.89	26.15	626.87	62.82	607.61	82.08	102.44
13	32	1338	184.96	-9.92	-7.96	182.99	19.45	604.60	-35.41	347.50	221.69	313.76
13	32	1339	62.14	-38.40	-35.88	59.62	15.74	1049.16	275.11	977.24	347.03	224.72
13	32	1340	192.56	-13.48	-13.45	192.54	2.23	1027.84	-13.64	489.42	524.77	520.44
13	32	1341	97.80	-46.00	-45.78	97.57	-5.73	1683.44	511.38	1504.84	689.98	421.23
13	32	1342	192.20	-10.29	-8.96	190.86	-16.38	1489.19	-46.67	600.39	842.12	758.36
13	32	1343	126.80	8.66	45.40	90.05	-54.69	2495.57	685.26	2151.97	1028.86	709.90
13	32	1344	180.85	10.62	11.37	180.10	-11.29	1824.32	-184.79	548.70	1090.83	967.29
13	36	22	425.43	-33.86	408.25	-16.68	-87.15	6110.74	1323.84	5915.23	1519.34	-947.43
13	36	30	68.48	-62.48	-56.26	62.26	-27.85	1916.54	-173.81	792.45	950.28	1042.19
13	36	1263	-1.49	-118.06	-16.77	-102.78	39.34	1778.62	592.68	1718.40	652.90	-260.37
13	36	1264	-20.46	-110.90	-24.28	-107.09	18.18	566.07	0.70	529.82	36.95	-138.49
13	36	1265	-0.89	-97.85	-5.83	-92.91	21.33	195.06	-343.59	177.71	-326.24	-95.10
13	36	1266	8.56	-84.72	1.15	-77.31	25.23	74.14	-555.13	63.62	-544.61	-80.66
13	36	1267	13.54	-71.38	3.23	-61.07	27.73	36.15	-637.04	28.44	-629.33	-71.64
13	36	1268	17.96	-57.96	4.41	-44.40	29.08	37.06	-584.82	31.47	-579.23	-58.70
13	36	1269	23.99	-44.03	7.36	-27.39	29.23	84.23	-391.66	81.27	-388.70	-37.44
13	36	1270	34.79	-29.10	16.27	-10.58	28.99	242.04	-35.44	242.03	-35.42	-2.15
13	36	1271	51.51	-37.28	18.34	-4.11	42.95	693.67	512.70	636.84	569.52	83.99
13	36	1272	212.00	-4.70	-4.60	211.90	4.64	316.63	-168.74	-56.67	204.56	204.53
13	36	1273	6.92	1.92	2.51	6.33	1.62	2.82	-10.09	-5.90	-1.37	-6.05
13	36	1274	263.47	-0.20	0.59	262.67	14.47	1073.70	-120.35	1.22	952.13	361.08
13	36	1275	298.86	1.15	2.47	297.54	19.80	400.60	-55.85	8.96	335.79	159.31
13	36	1276	270.67	0.35	1.78	269.24	19.62	5.56	-197.19	3.52	-195.15	20.25
13	36	1277	221.32	7.38e-02	1.29	220.10	16.34	3.32	-511.04	0.51	-508.23	-37.94
13	36	1278	169.01	2.28e-02	0.98	168.05	12.69	4.43	-642.63	0.34	-638.53	-51.30
13	36	1279	116.10	-6.01e-04	0.71	115.39	9.08	4.29	-612.85	1.28	-609.83	-43.03
13	36	1280	62.87	-0.12	0.36	62.39	5.49	3.11	-433.57	1.67	-432.13	-25.02
13	36	1281	14.69	-0.56	-0.33	14.46	1.85	0.19	-137.35	0.17	-137.33	-1.77
13	36	1282	-0.98	-6.24	-1.40	-5.82	-1.43	114.59	-7.32	-1.41	108.68	26.20
13	36	1283	19.19	3.09	3.26	19.01	1.68	145.88	-28.92	135.03	-18.07	42.18
13	36	1284	-89.21	-101.74	-101.13	-89.82	2.69	331.88	-192.85	329.07	-190.04	38.33
13	36	1285	41.61	-10.11	23.14	8.35	24.78	1175.01	506.40	694.77	986.64	300.77
13	36	1286	43.41	-24.11	22.92	-3.62	31.04	410.15	220.93	406.12	224.96	27.34
13	36	1287	28.48	-36.56	10.78	-18.86	28.95	141.92	-236.70	140.61	-235.39	-22.26
13	36	1288	20.64	-51.12	5.44	-35.93	29.32	52.58	-506.60	48.20	-502.21	-49.34
13	36	1289	15.67	-64.68	3.78	-52.78	28.54	32.30	-628.00	25.63	-621.33	-65.99
13	36	1290	11.29	-78.06	2.48	-69.25	26.64	49.05	-612.57	40.15	-603.66	-76.24
13	36	1291	4.77	-91.31	-1.33	-85.21	23.44	118.36	-465.29	105.32	-452.26	-86.23
13	36	1292	-9.30	-104.39	-13.36	-100.32	19.24	329.10	-189.72	304.29	-164.91	-110.72
13	36	1293	-29.73	-116.75	-35.01	-111.47	20.76	991.46	244.53	941.66	294.33	-186.32
13	36	1294	-45.79	-118.91	-58.85	-105.86	-28.00	3296.16	1268.65	3243.38	1321.43	-322.86
13	36	1295	191.39	-17.36	187.58	-13.56	27.91	2635.99	1277.70	2276.36	1637.33	599.29
13	36	1296	141.60	12.04	12.07	141.57	-2.10	639.59	-38.97	138.46	462.16	298.19

13	36	1297	228.70	-0.50	0.72	227.48	16.73	1167.25	-169.08	-28.34	1026.50	410.21
13	36	1298	289.82	1.73	2.80	288.76	17.45	755.88	-82.46	9.05	664.37	261.43
13	36	1299	289.92	0.68	2.13	288.47	20.44	104.00	-55.37	6.28	42.35	77.62
13	36	1300	246.84	0.16	1.50	245.50	18.11	2.29	-377.63	1.56	-376.91	-16.54
13	36	1301	195.25	3.72e-02	1.12	194.17	14.52	4.10	-598.15	0.18	-594.23	-48.42
13	36	1302	142.64	1.42e-02	0.85	141.80	10.88	4.47	-647.04	0.77	-643.34	-48.94
13	36	1303	89.42	-3.67e-02	0.56	88.83	7.28	3.88	-541.11	1.65	-538.88	-34.78
13	36	1304	37.27	-0.29	8.01e-02	36.91	3.69	1.86	-294.93	1.18	-294.25	-14.12
13	36	1305	-0.91	-1.14	-0.95	-1.10	8.45e-02	19.74	-8.45	-0.93	12.23	12.46
13	36	1306	-0.49	-2.07	-0.49	-2.07	7.36e-04	106.18	-9.50	-1.91	98.60	28.63
13	36	1307	18.09	-46.71	17.89	-46.51	-3.54	579.54	44.05	306.66	316.94	267.69
13	36	1308	0.17	-21.34	-7.14	-14.03	-10.19	224.12	-3.59	90.64	129.89	112.15
13	36	1309	32.14	-36.06	29.56	-33.48	13.01	347.41	206.63	220.06	333.98	41.36
13	36	1310	6.88	-13.04	6.88	-13.03	-0.37	176.63	25.11	40.02	161.72	45.14
13	36	1311	32.69	-27.93	20.97	-16.21	23.94	189.71	122.04	176.11	135.64	-27.12
13	36	1312	14.01	-12.13	7.81	-5.93	11.12	53.68	29.54	30.18	53.04	-3.88
13	36	1313	34.95	-28.23	14.18	-7.46	29.68	132.80	-84.74	123.09	-75.03	-44.93
13	36	1314	25.10	-14.00	6.28	4.82	19.53	30.49	-116.16	25.67	-111.34	-26.14
13	36	1315	36.84	-30.19	9.46	-2.82	32.95	84.25	-265.23	77.06	-258.05	-49.59
13	36	1316	36.22	-14.20	4.92	17.10	24.46	22.12	-280.89	17.95	-276.72	-35.30
13	36	1317	38.46	-31.40	6.82	0.24	34.77	49.35	-411.68	43.29	-405.62	-52.49
13	36	1318	47.45	-12.87	4.18	30.39	27.16	12.90	-422.61	9.01	-418.72	-40.97
13	36	1319	39.96	-31.54	5.54	2.88	35.73	27.10	-522.57	21.31	-516.79	-56.08
13	36	1320	59.23	-11.03	3.88	44.33	28.73	5.55	-532.06	1.47	-527.98	-46.67
13	36	1321	41.42	-30.92	4.98	5.52	36.17	15.29	-597.98	9.35	-592.05	-60.05
13	36	1322	71.67	-9.28	3.80	58.59	29.80	1.45	-606.05	-3.13	-601.47	-52.54
13	36	1323	42.83	-29.86	4.72	8.26	36.30	12.37	-638.31	6.14	-632.08	-63.38
13	36	1324	84.61	-7.84	3.82	72.95	30.69	1.29	-643.62	-3.82	-638.51	-57.19
13	36	1325	44.12	-28.59	4.52	11.01	36.21	18.11	-643.84	11.67	-637.41	-64.95
13	36	1326	97.82	-6.70	3.86	87.26	31.50	5.80	-644.28	0.49	-638.98	-58.48
13	36	1327	45.13	-27.27	4.18	13.68	35.89	33.97	-614.66	27.68	-608.37	-63.57
13	36	1328	111.05	-5.84	3.85	101.36	32.22	16.21	-607.22	11.58	-602.59	-53.50
13	36	1329	45.59	-26.01	3.38	16.20	35.22	63.71	-550.50	58.24	-545.03	-57.69
13	36	1330	124.00	-5.23	3.66	115.11	32.70	34.97	-531.05	32.37	-528.45	-38.30
13	36	1331	45.15	-24.95	1.57	18.63	34.00	114.38	-450.72	110.77	-447.11	-45.03
13	36	1332	136.24	-4.94	3.01	128.29	32.53	67.41	-414.81	67.31	-414.70	-7.16
13	36	1333	43.60	-24.39	-2.19	21.40	31.88	198.50	-314.62	197.57	-313.69	-21.83
13	36	1334	147.22	-5.18	1.36	140.67	30.89	128.44	-264.30	122.47	-258.33	48.05
13	36	1335	41.65	-25.06	-9.18	25.78	28.40	338.70	-143.30	338.00	-142.61	18.30
13	36	1336	156.44	-6.38	-2.02	152.08	26.28	264.31	-114.95	204.50	-55.14	138.23
13	36	1337	42.80	-28.46	-20.18	34.53	22.83	575.18	56.33	560.48	71.03	86.10
13	36	1338	164.09	-9.09	-7.48	162.47	16.66	539.09	-24.02	316.40	198.67	275.33
13	36	1339	54.69	-35.08	-33.07	52.67	13.31	964.37	275.22	901.30	338.28	198.71
13	36	1340	170.89	-12.51	-12.51	170.89	0.81	938.40	8.05	446.53	499.92	464.41
13	36	1341	87.90	-42.15	-41.85	87.59	-6.29	1550.68	515.57	1386.21	680.05	378.41
13	36	1342	170.56	-9.75	-8.27	169.09	-16.26	1375.92	-12.35	548.35	815.22	681.19
13	36	1343	116.42	7.19	42.17	81.44	-50.97	2295.78	697.72	1979.21	1014.29	636.93
13	36	1344	159.64	9.92	10.79	158.78	-11.35	1699.22	-130.30	503.16	1065.76	870.44
13	37	22	392.12	-32.60	376.08	-16.56	-80.96	5645.46	1229.81	5467.08	1408.19	-869.40
13	37	30	64.34	-58.66	-52.93	58.61	-25.92	1743.11	-178.06	691.45	873.59	956.26
13	37	1263	-1.32	-110.25	-15.51	-96.06	36.66	1639.27	551.40	1588.89	601.78	-228.63
13	37	1264	-18.77	-103.51	-22.39	-99.88	17.15	512.44	2.03	483.91	30.56	-117.25
13	37	1265	-0.63	-91.29	-5.33	-86.59	20.10	169.22	-318.50	156.05	-305.33	-79.05
13	37	1266	8.15	-79.00	1.12	-71.97	23.73	57.75	-515.14	49.61	-507.00	-67.78
13	37	1267	12.81	-66.52	3.05	-56.76	26.06	22.76	-591.31	16.52	-585.07	-61.60
13	37	1268	16.98	-53.98	4.14	-41.15	27.32	23.55	-543.31	18.77	-538.53	-51.83
13	37	1269	22.66	-40.96	6.92	-25.22	27.45	66.71	-364.98	63.95	-362.22	-34.39
13	37	1270	32.81	-27.00	15.29	-9.47	27.22	210.68	-35.64	210.61	-35.58	-4.02
13	37	1271	48.55	-34.76	17.24	-3.45	40.35	623.58	469.53	569.94	523.17	73.39
13	37	1272	201.79	-4.30	-4.20	201.69	4.59	275.00	-163.59	-52.61	164.02	190.68
13	37	1273	6.51	1.81	2.36	5.96	1.51	2.27	-8.99	-5.23	-1.49	-5.31
13	37	1274	248.87	-0.19	0.58	248.11	13.77	995.95	-115.07	1.72	879.16	340.76
13	37	1275	280.65	1.06	2.31	279.41	18.61	377.92	-55.26	8.94	313.72	153.92
13	37	1276	253.81	0.32	1.66	252.47	18.39	6.94	-179.83	3.79	-176.67	24.05
13	37	1277	207.46	6.90e-02	1.21	206.32	15.31	2.91	-468.23	0.85	-466.17	-31.09
13	37	1278	158.37	2.19e-02	0.92	157.48	11.89	3.91	-590.08	0.52	-586.70	-44.68
13	37	1279	108.72	2.91e-05	0.67	108.05	8.49	3.83	-562.88	1.24	-560.29	-38.18
13	37	1280	58.76	-0.11	0.34	58.31	5.13	2.76	-397.66	1.49	-396.39	-22.55
13	37	1281	13.56	-0.53	-0.32	13.35	1.71	7.43e-02	-124.82	4.86e-02	-124.79	-1.79
13	37	1282	-0.92	-5.99	-1.32	-5.59	-1.37	106.31	-6.58	-1.33	101.06	23.78
13	37	1283	17.99	2.81	2.98	17.83	1.56	131.22	-27.12	120.97	-16.86	38.97
13	37	1284	-83.76	-95.71	-95.18	-84.29	2.46	293.94	-177.78	291.21	-175.05	35.77
13	37	1285	39.27	-9.36	21.69	8.21	23.36	1071.34	453.68	617.46	907.56	272.64
13	37	1286	40.92	-22.34	21.54	-2.96	29.16	363.35	201.95	360.26	205.03	22.11
13	37	1287	26.89	-33.98	10.14	-17.22	27.19	119.41	-221.80	118.06	-220.44	-21.48
13	37	1288	19.50	-47.60	5.12	-33.22	27.54	37.75	-471.12	33.87	-467.24	-44.28
13	37	1289	14.82	-60.26	3.55	-49.00	26.82	19.20	-583.09	13.67	-577.56	-57.47

13	37	1290	10.70	-72.77	2.35	-64.42	25.05	34.65	-568.51	27.61	-561.47	-64.77
13	37	1291	4.63	-85.17	-1.17	-79.37	22.07	98.49	-431.67	88.56	-421.74	-71.87
13	37	1292	-8.42	-97.41	-12.30	-93.54	18.16	293.01	-175.25	273.96	-156.20	-92.49
13	37	1293	-27.38	-108.99	-32.34	-104.03	19.50	907.48	228.57	867.03	269.01	-160.70
13	37	1294	-43.01	-111.14	-55.05	-99.10	-25.99	3049.60	1177.77	3004.73	1222.63	-286.30
13	37	1295	176.31	-16.08	172.77	-12.54	25.87	2439.93	1174.06	2105.91	1508.08	557.91
13	37	1296	134.01	10.80	10.83	133.98	-1.87	580.12	-46.98	124.37	408.77	279.45
13	37	1297	217.18	-0.44	0.72	216.02	15.89	1076.16	-160.66	-25.97	941.47	385.28
13	37	1298	272.73	1.60	2.61	271.73	16.49	705.13	-79.84	9.03	616.26	248.72
13	37	1299	271.99	0.63	1.99	270.62	19.17	104.49	-55.26	6.41	42.82	77.77
13	37	1300	231.42	0.15	1.40	230.17	16.97	2.23	-345.05	1.90	-344.73	-10.64
13	37	1301	183.00	3.53e-02	1.05	181.98	13.60	3.58	-548.83	0.46	-545.71	-41.41
13	37	1302	133.62	1.39e-02	0.79	132.84	10.19	3.97	-594.30	0.85	-591.19	-43.09
13	37	1303	83.68	-3.38e-02	0.52	83.13	6.81	3.46	-496.78	1.52	-494.84	-31.08
13	37	1304	34.74	-0.27	7.28e-02	34.40	3.43	1.61	-269.92	1.00	-269.31	-12.88
13	37	1305	-0.88	-1.23	-0.89	-1.22	5.40e-02	18.97	-7.20	-0.95	12.73	11.15
13	37	1306	-0.46	-1.98	-0.46	-1.98	-2.21e-02	97.94	-8.55	-1.71	91.10	26.11
13	37	1307	16.98	-43.79	16.79	-43.60	-3.37	526.87	35.84	271.07	291.64	245.30
13	37	1308	0.22	-20.11	-6.72	-13.17	-9.64	204.91	-4.57	80.51	119.83	102.88
13	37	1309	30.19	-33.69	27.78	-31.28	12.19	318.32	183.47	194.00	307.79	36.18
13	37	1310	6.47	-12.24	6.46	-12.23	-0.42	162.67	21.53	34.45	149.75	40.70
13	37	1311	30.72	-26.03	19.71	-15.02	22.44	171.19	109.32	155.54	124.97	-26.90
13	37	1312	13.12	-11.34	7.34	-5.56	10.39	50.82	25.24	26.08	49.98	-4.56
13	37	1313	32.87	-26.33	13.33	-6.78	27.84	117.87	-79.27	108.08	-69.48	-42.82
13	37	1314	23.53	-13.10	5.90	4.53	18.30	27.33	-106.19	22.55	-101.41	-24.81
13	37	1315	34.67	-28.18	8.89	-2.40	30.91	73.48	-245.42	66.60	-238.54	-46.35
13	37	1316	33.98	-13.30	4.62	16.05	22.94	19.84	-257.82	15.94	-253.91	-32.68
13	37	1317	36.20	-29.32	6.41	0.47	32.63	41.67	-380.47	36.11	-374.92	-48.11
13	37	1318	44.52	-12.06	3.92	28.53	25.48	11.58	-388.44	8.11	-384.97	-37.10
13	37	1319	37.63	-29.46	5.20	2.96	33.53	21.41	-482.80	16.32	-477.70	-50.43
13	37	1320	55.59	-10.34	3.64	41.62	26.95	4.98	-489.38	1.49	-485.89	-41.40
13	37	1321	39.01	-28.88	4.67	5.46	33.94	10.69	-552.38	5.65	-547.34	-53.03
13	37	1322	67.27	-8.70	3.57	55.01	27.96	1.30	-557.59	-2.47	-553.81	-45.76
13	37	1323	40.36	-27.89	4.43	8.04	34.07	8.11	-589.54	3.00	-584.43	-55.01
13	37	1324	79.42	-7.35	3.59	68.49	28.79	1.21	-592.16	-2.85	-588.09	-48.93
13	37	1325	41.59	-26.70	4.25	10.63	34.00	13.50	-594.54	8.42	-589.46	-55.34
13	37	1326	91.83	-6.28	3.62	81.93	29.56	5.42	-592.63	1.39	-588.60	-48.92
13	37	1327	42.55	-25.47	3.93	13.16	33.70	28.25	-567.47	23.51	-562.74	-52.91
13	37	1328	104.26	-5.47	3.61	95.18	30.24	15.15	-558.31	11.90	-555.05	-43.09
13	37	1329	43.02	-24.29	3.19	15.54	33.08	55.92	-508.13	52.10	-504.30	-46.31
13	37	1330	116.43	-4.90	3.44	108.09	30.69	32.86	-488.08	31.38	-486.60	-27.74
13	37	1331	42.66	-23.29	1.52	17.84	31.95	103.22	-416.06	101.06	-413.90	-33.41
13	37	1332	127.95	-4.62	2.84	120.49	30.55	63.99	-381.55	63.98	-381.53	2.38
13	37	1333	41.27	-22.77	-1.95	20.45	30.00	182.07	-290.90	181.82	-290.66	-10.73
13	37	1334	138.30	-4.83	1.32	132.14	29.04	123.63	-245.39	115.29	-237.06	54.82
13	37	1335	39.51	-23.37	-8.41	24.54	26.78	314.02	-134.28	312.31	-132.57	27.63
13	37	1336	147.02	-5.93	-1.80	142.89	24.80	255.39	-113.30	191.43	-49.34	139.61
13	37	1337	40.56	-26.47	-18.57	32.66	21.62	536.61	47.09	518.81	64.88	91.61
13	37	1338	154.27	-8.41	-6.83	152.69	15.94	513.37	-33.28	295.07	185.02	267.73
13	37	1339	51.43	-32.49	-30.49	49.43	12.80	900.67	246.03	834.79	311.92	196.95
13	37	1340	160.66	-11.49	-11.48	160.65	1.31	883.22	-5.23	415.23	462.76	443.59
13	37	1341	81.94	-38.97	-38.73	81.70	-5.37	1445.53	465.77	1283.63	627.66	363.88
13	37	1342	160.36	-8.84	-7.59	159.11	-14.46	1286.06	-25.29	508.52	752.25	644.25
13	37	1343	107.68	6.92	38.78	75.82	-46.85	2134.08	632.13	1831.05	935.17	602.76
13	37	1344	150.41	9.15	9.86	149.70	-9.98	1579.61	-135.86	464.71	979.04	818.28

M_G	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		-180.70	-147.61	-167.82	-135.88		-852.51	-84.83	-847.51	-1341.27
	627.73		599.74	458.35	65.07	8974.12		8714.82	2304.33	1372.64

Macro	Tipo	Angolo 1-X (gradi)
14	Guscio	0.0

M_G	Cmb	Nodo	N max daN/cm	N min daN/cm	N 1 daN/cm	N 2 daN/cm	N 1-2 daN/cm	M max daN	M min daN	M 1 daN	M 2 daN	M 1-2 daN
14	7	22	671.47	-442.32	660.62	-431.48	109.38	1.028e+04	-1201.69	8315.65	766.71	4328.28
14	7	40	288.88	-212.21	266.04	-189.37	-104.52	2.470e+04	1096.39	1.873e+04	7064.51	-1.026e+04
14	7	580	817.89	-20.65	560.93	236.31	-386.58	425.96	-742.58	-432.38	115.77	516.00
14	7	581	245.71	-60.85	121.32	63.54	-150.53	64.79	-647.92	-466.62	-116.51	310.39
14	7	582	132.99	-23.50	71.28	38.21	-76.48	17.38	-392.99	-290.79	-84.81	177.47
14	7	583	86.10	-12.91	39.46	33.73	-49.42	-19.98	-226.30	-191.40	-54.88	77.35

14	7	584	66.26	-6.43	31.23	28.59	-36.32	-34.59	-151.25	-148.04	-37.80	-19.09
14	7	585	56.22	5.01	42.27	18.96	-22.80	76.77	-258.18	-143.82	-37.59	-158.83
14	7	586	97.75	-22.31	94.26	-18.82	20.17	134.71	-873.42	-558.97	-179.74	-467.04
14	7	1272	371.67	3.71	5.06	370.32	22.23	51.02	-473.75	-145.57	-277.17	254.00
14	7	1295	295.92	235.99	250.56	281.35	25.71	2505.58	2342.69	2469.45	2378.82	67.67
14	7	1296	197.83	-38.33	-19.03	178.54	64.68	739.10	-39.97	208.38	490.75	363.05
14	7	1345	249.02	-148.24	246.76	-145.98	29.88	1105.29	-9234.59	-193.58	-7935.71	-3426.82
14	7	1346	-42.81	-156.86	-70.28	-129.39	-48.77	-57.79	-932.58	-114.66	-875.71	215.68
14	7	1347	-2.54	-52.18	-4.95	-49.78	-10.65	-31.54	-617.57	-44.76	-604.35	-87.02
14	7	1348	7.46e-02	-21.25	-0.34	-20.83	-2.94	10.02	-508.57	-8.35	-490.20	-95.85
14	7	1349	-0.22	-10.13	-0.27	-10.08	-0.69	17.74	-444.79	-2.59	-424.46	-94.82
14	7	1350	-0.30	-2.02	-0.30	-2.02	2.41e-02	13.66	-387.59	1.53	-375.46	-68.69
14	7	1351	8.94	-0.37	-0.32	8.89	0.63	9.76	-350.71	7.32	-348.28	-29.51
14	7	1352	24.01	-0.39	-0.29	23.91	1.51	14.59	-341.36	13.96	-340.73	14.97
14	7	1353	43.39	-0.46	-0.29	43.22	2.71	31.30	-358.10	21.30	-348.09	61.62
14	7	1354	67.55	-0.52	-0.25	67.29	4.24	57.34	-392.49	28.89	-364.05	109.49
14	7	1355	96.86	-0.66	-0.26	96.46	6.22	89.51	-432.84	36.87	-380.21	157.24
14	7	1356	131.72	-0.67	-8.90e-02	131.14	8.72	124.97	-461.76	44.01	-380.79	202.35
14	7	1357	172.02	-1.07	-0.29	171.23	11.62	163.02	-453.62	49.35	-339.94	239.12
14	7	1358	221.93	-0.72	0.15	221.06	13.92	206.54	-376.03	47.98	-217.48	259.29
14	7	1359	293.92	-0.94	0.13	292.85	17.74	282.38	-235.01	31.20	16.17	258.59
14	7	1360	365.73	6.75	7.64	364.85	17.81	384.28	-205.88	1.29	177.11	281.68
14	7	1361	-237.76	-801.17	-799.41	-239.52	-31.46	1038.03	-3436.77	-3240.15	841.41	917.15
14	7	1362	90.31	-172.76	-91.25	8.80	-121.64	49.00	-1077.68	-810.81	-217.88	479.02
14	7	1363	46.62	-84.82	-34.48	-3.72	-63.90	-15.87	-651.83	-504.27	-163.43	268.46
14	7	1364	39.71	-45.57	-20.05	14.20	-39.05	-22.29	-375.20	-303.07	-94.42	142.31
14	7	1365	33.00	-28.15	-13.22	18.06	-26.27	-49.01	-219.80	-208.50	-60.31	42.45
14	7	1366	19.94	-22.73	-13.43	10.63	-17.62	-24.09	-215.21	-186.94	-52.36	-67.86
14	7	1367	-12.01	-29.01	-27.13	-13.90	-5.33	93.12	-495.57	-285.97	-116.48	-281.88
14	7	1368	-48.52	-185.99	-118.03	-116.48	68.73	-1689.72	-4433.41	-4338.14	-1784.99	502.31
14	7	1369	200.73	143.53	198.09	146.17	-12.00	1164.18	-1903.49	324.03	-1063.34	1368.01
14	7	1370	147.12	11.69	139.11	19.70	31.95	1604.04	674.69	726.55	1552.19	213.31
14	7	1371	50.12	7.92	8.66	49.38	-5.53	578.23	-940.28	384.36	-746.41	-506.76
14	7	1372	84.71	-13.38	-11.98	83.31	11.62	2916.72	-517.88	2209.64	189.20	-1388.73
14	7	1373	22.01	-24.22	-16.35	14.14	-17.38	357.21	-620.06	300.75	-563.60	-228.01
14	7	1374	22.46	-25.24	-12.14	9.36	21.29	881.20	-990.56	376.66	-486.02	-830.56
14	7	1375	6.99	-11.53	-6.65	2.11	-8.16	174.56	-573.23	67.11	-465.79	-262.30
14	7	1376	11.46	-0.48	-0.46	11.43	-0.53	363.42	-703.85	-41.59	-298.84	-517.91
14	7	1377	7.81	-6.55	-1.22	2.48	-6.94	51.46	-473.64	-56.59	-365.59	-212.28
14	7	1378	12.35	-4.98	5.25	2.13	-8.52	122.27	-492.41	-166.80	-203.34	-306.79
14	7	1379	14.95	-5.39	0.45	9.11	-9.20	-43.67	-366.19	-103.02	-306.85	-124.97
14	7	1380	31.74	-9.42	4.61	17.71	-19.51	-22.59	-330.73	-189.69	-163.63	-153.52
14	7	1381	24.70	-5.83	0.20	18.67	-12.15	-110.55	-287.88	-115.03	-283.41	-27.81
14	7	1382	32.20	-10.00	4.67	17.53	-20.10	-139.27	-220.62	-204.98	-154.91	-32.06
14	7	1383	37.50	-6.40	-7.71e-02	31.17	-15.41	-88.05	-308.92	-114.81	-282.16	72.07
14	7	1384	52.33	-14.56	4.26	33.51	-30.08	-103.07	-261.77	-205.60	-159.24	75.89
14	7	1385	52.54	-7.07	-0.46	45.93	-18.71	-6.81	-400.90	-110.57	-297.14	173.57
14	7	1386	53.87	-15.51	4.75	33.61	-31.54	-18.18	-380.93	-221.78	-177.33	180.01
14	7	1387	71.77	-7.72	-0.64	64.69	-22.64	85.37	-509.99	-104.04	-320.58	277.29
14	7	1388	79.97	-20.26	5.38	54.33	-43.73	73.20	-500.24	-227.55	-199.49	286.37
14	7	1389	94.64	-8.89	-1.29	87.03	-27.00	181.64	-621.97	-92.16	-348.16	380.87
14	7	1390	83.67	-24.00	7.51	52.16	-48.99	157.01	-643.19	-254.04	-232.14	399.95
14	7	1391	124.36	-9.79	-1.77	116.33	-31.81	284.69	-716.69	-67.51	-364.49	478.16
14	7	1392	129.72	-35.28	4.18	90.26	-70.38	266.37	-770.04	-242.30	-261.36	518.12
14	7	1393	159.43	-9.78	-1.40	151.05	-36.71	394.42	-762.41	-16.87	-351.12	553.75
14	7	1394	132.52	-32.03	11.04	89.45	-72.33	382.99	-900.66	-234.72	-282.95	641.37
14	7	1395	205.75	-11.03	-0.42	195.14	-46.78	517.39	-701.45	80.23	-264.29	584.57
14	7	1396	221.64	-36.74	16.88	168.02	-104.78	605.69	-929.46	-75.17	-248.60	762.67
14	7	1397	249.05	-21.16	-10.62	238.50	-52.33	651.89	-464.52	250.07	-62.70	535.85
14	7	1398	222.23	-111.89	-44.09	154.43	-134.37	921.66	-888.74	174.46	-141.54	891.30
14	7	1399	312.07	-21.81	-19.36	309.62	-28.51	882.65	-95.26	409.12	378.27	488.71
14	7	1400	383.16	-120.97	-89.92	352.10	-121.21	2327.87	-562.19	1502.58	263.10	1305.38
14	8	22	673.68	-437.64	662.15	-426.10	112.65	1.028e+04	-1186.04	8323.88	772.02	4315.21
14	8	40	290.54	-213.22	267.40	-190.08	-105.46	2.484e+04	1121.08	1.887e+04	7088.84	-1.029e+04
14	8	580	812.81	-18.41	556.89	237.51	-383.70	437.49	-725.89	-416.97	128.57	513.77
14	8	581	242.32	-59.80	119.11	63.40	-148.47	73.37	-632.39	-447.15	-111.87	310.52
14	8	582	131.36	-23.01	70.19	38.15	-75.51	27.88	-372.56	-264.98	-79.69	177.50
14	8	583	85.31	-12.54	39.14	33.63	-48.85	-9.49	-200.42	-161.06	-48.85	77.24
14	8	584	65.80	-6.05	31.26	28.49	-35.90	-26.57	-117.56	-113.35	-30.78	-19.10
14	8	585	55.96	5.32	42.39	18.89	-22.43	97.04	-228.39	-102.35	-28.99	-158.53
14	8	586	98.10	-22.57	94.47	-18.94	20.61	159.47	-831.55	-503.92	-168.17	-466.21
14	8	1272	363.46	3.57	4.88	362.15	21.66	77.29	-436.61	-143.41	-215.91	254.38
14	8	1295	295.69	237.50	252.45	280.74	25.43	2525.13	2382.90	2479.67	2428.36	66.33
14	8	1296	193.71	-38.07	-18.54	174.18	64.38	776.31	-15.97	215.65	544.69	360.36
14	8	1345	248.57	-147.53	246.28	-145.24	30.05	1097.91	-9179.92	-183.56	-7898.45	-3395.37
14	8	1346	-42.69	-156.28	-70.12	-128.85	-48.61	-48.13	-922.99	-113.90	-857.21	230.69
14	8	1347	-2.51	-51.77	-4.92	-49.36	-10.63	-33.37	-601.69	-43.72	-591.34	-76.00

14	8	1348	8.39e-02	-20.88	-0.33	-20.46	-2.91	8.07	-495.54	-7.62	-479.86	-87.48
14	8	1349	-0.22	-9.88	-0.27	-9.83	-0.67	16.03	-434.62	-2.00	-416.59	-88.33
14	8	1350	-0.29	-1.93	-0.29	-1.93	3.56e-02	12.61	-380.37	2.02	-369.79	-63.62
14	8	1351	8.84	-0.36	-0.32	8.80	0.63	9.58	-346.26	7.75	-344.43	-25.46
14	8	1352	23.71	-0.38	-0.29	23.62	1.49	15.30	-339.28	14.35	-338.33	18.30
14	8	1353	42.84	-0.45	-0.29	42.68	2.68	32.63	-357.74	21.67	-346.78	64.49
14	8	1354	66.69	-0.51	-0.25	66.43	4.19	59.02	-393.16	29.27	-363.41	112.09
14	8	1355	95.58	-0.64	-0.25	95.19	6.15	91.41	-433.82	37.27	-379.68	159.71
14	8	1356	129.86	-0.65	-7.58e-02	129.29	8.62	127.20	-462.15	44.44	-379.39	204.76
14	8	1357	169.32	-1.04	-0.26	168.55	11.47	165.96	-452.12	49.79	-335.95	241.47
14	8	1358	217.97	-0.69	0.18	217.11	13.73	211.53	-371.14	48.42	-208.04	261.60
14	8	1359	288.21	-0.93	0.13	287.15	17.46	294.31	-227.47	31.61	35.23	260.88
14	8	1360	358.25	6.69	7.55	357.39	17.38	409.37	-196.09	1.52	211.76	283.90
14	8	1361	-232.32	-795.51	-793.78	-234.05	-31.12	1075.44	-3403.98	-3210.05	881.50	911.65
14	8	1362	91.21	-171.39	-90.55	10.36	-121.22	57.99	-1059.84	-791.02	-210.82	477.73
14	8	1363	46.92	-83.75	-34.09	-2.75	-63.43	-5.76	-630.97	-479.06	-157.68	268.14
14	8	1364	39.58	-45.09	-19.95	14.44	-38.69	-11.56	-350.96	-274.02	-88.50	142.10
14	8	1365	32.73	-27.96	-13.29	18.05	-25.99	-40.49	-189.18	-175.96	-53.72	42.33
14	8	1366	19.68	-22.69	-13.58	10.57	-17.40	-11.44	-182.69	-149.47	-44.67	-67.72
14	8	1367	-12.22	-29.20	-27.44	-13.98	-5.17	116.27	-461.82	-238.93	-106.62	-281.37
14	8	1368	-48.90	-187.07	-119.04	-116.92	69.08	-1677.57	-4381.41	-4282.36	-1776.62	507.94
14	8	1369	201.52	144.47	198.86	147.13	-12.03	1204.37	-1909.92	362.23	-1067.77	1383.28
14	8	1370	146.62	11.32	138.65	19.29	31.87	1604.39	689.66	749.02	1545.03	225.34
14	8	1371	50.27	8.02	8.80	49.49	-5.69	577.30	-911.51	403.00	-737.22	-478.65
14	8	1372	85.27	-13.68	-12.31	83.90	11.55	2940.51	-488.79	2254.06	197.66	-1372.16
14	8	1373	22.21	-24.19	-16.40	14.41	-17.35	362.98	-601.94	315.41	-554.37	-208.91
14	8	1374	22.66	-25.50	-12.35	9.52	21.45	897.00	-964.04	410.98	-478.02	-817.49
14	8	1375	7.02	-11.40	-6.68	2.30	-8.04	175.67	-554.72	79.08	-458.13	-247.43
14	8	1376	11.51	-0.52	-0.51	11.51	-0.29	374.06	-679.04	-13.11	-291.86	-507.77
14	8	1377	7.72	-6.37	-1.21	2.57	-6.79	51.21	-457.71	-46.81	-359.69	-200.69
14	8	1378	12.12	-4.79	5.23	2.10	-8.31	130.03	-470.34	-142.71	-197.61	-298.93
14	8	1379	14.78	-5.23	0.46	9.09	-9.03	-43.21	-354.30	-94.98	-302.53	-115.87
14	8	1380	31.43	-9.17	4.61	17.64	-19.22	-16.47	-311.35	-168.88	-158.93	-147.36
14	8	1381	24.44	-5.70	0.21	18.53	-11.97	-105.95	-282.80	-108.36	-280.40	-20.48
14	8	1382	31.85	-9.80	4.66	17.40	-19.83	-136.44	-201.22	-186.65	-151.02	-27.05
14	8	1383	37.10	-6.29	-6.85e-02	30.88	-15.21	-78.80	-310.57	-109.18	-280.20	78.21
14	8	1384	51.85	-14.32	4.23	33.30	-29.72	-90.79	-254.42	-189.20	-156.01	80.12
14	8	1385	51.96	-6.97	-0.46	45.46	-18.47	1.83	-403.52	-105.72	-295.97	178.96
14	8	1386	53.34	-15.27	4.67	33.39	-31.15	-6.21	-375.25	-206.85	-174.60	183.81
14	8	1387	70.96	-7.61	-0.65	63.99	-22.33	93.12	-512.81	-99.76	-319.93	282.26
14	8	1388	79.16	-19.96	5.26	53.94	-43.18	84.50	-495.66	-214.00	-197.15	289.96
14	8	1389	93.51	-8.76	-1.31	86.05	-26.58	188.90	-624.69	-88.24	-347.55	385.58
14	8	1390	82.85	-23.65	7.28	51.91	-48.35	167.82	-639.16	-241.42	-229.92	403.45
14	8	1391	122.79	-9.63	-1.81	114.96	-31.23	291.85	-718.68	-63.72	-363.10	482.58
14	8	1392	128.27	-34.70	3.98	89.59	-69.34	276.77	-766.46	-230.87	-258.82	521.43
14	8	1393	157.32	-9.59	-1.48	149.21	-35.89	401.92	-762.22	-12.97	-347.33	557.55
14	8	1394	131.37	-31.62	10.52	89.24	-71.36	393.43	-895.94	-223.45	-279.07	644.09
14	8	1395	202.88	-10.69	-0.46	192.65	-45.61	525.75	-696.65	84.35	-255.24	587.15
14	8	1396	219.29	-35.67	16.43	167.18	-102.81	615.79	-921.12	-64.36	-240.98	763.36
14	8	1397	245.45	-20.60	-10.44	235.30	-50.98	662.23	-451.91	254.23	-43.92	536.75
14	8	1398	220.64	-110.20	-43.87	154.31	-132.46	932.39	-871.35	185.58	-124.54	888.44
14	8	1399	307.75	-21.04	-18.72	305.44	-27.47	899.63	-74.25	413.47	411.92	486.94
14	8	1400	380.73	-118.63	-88.55	350.66	-118.80	2335.38	-532.72	1509.15	293.51	1298.87
14	31	22	493.06	-321.91	484.74	-313.58	81.96	7536.96	-868.17	6099.53	569.27	3164.74
14	31	40	212.43	-155.94	195.53	-139.04	-77.06	1.820e+04	814.70	1.381e+04	5199.77	-7550.06
14	31	580	597.36	-13.90	409.28	174.18	-282.12	318.23	-537.06	-311.75	92.92	376.75
14	31	581	178.72	-44.14	87.98	46.60	-109.49	50.39	-470.15	-336.14	-83.63	227.60
14	31	582	96.89	-17.02	51.82	28.05	-55.70	16.40	-281.01	-204.23	-60.37	130.15
14	31	583	62.86	-9.30	28.81	24.74	-36.03	-10.94	-156.42	-129.33	-38.04	56.64
14	31	584	48.44	-4.53	22.92	20.99	-26.47	-22.38	-98.52	-95.81	-25.10	-14.12
14	31	585	41.16	3.86	31.07	13.96	-16.57	63.94	-178.43	-90.17	-24.32	-116.62
14	31	586	71.82	-16.38	69.22	-13.78	14.94	108.39	-625.82	-390.01	-127.43	-342.83
14	31	1272	269.44	2.67	3.63	268.47	16.04	50.88	-328.53	-105.79	-171.85	186.81
14	31	1295	216.98	173.70	184.36	206.32	18.65	1848.47	1741.36	1813.81	1776.03	50.11
14	31	1296	143.28	-28.08	-13.87	129.07	47.26	562.74	-17.73	155.25	389.76	265.50
14	31	1345	182.54	-108.18	180.85	-106.49	22.11	808.61	-6758.78	-138.28	-5811.90	-2503.76
14	31	1346	-31.34	-114.69	-51.48	-94.56	-35.67	-38.78	-680.81	-83.92	-635.68	164.13
14	31	1347	-1.86	-38.04	-3.62	-36.28	-7.79	-23.88	-447.18	-32.48	-438.59	-59.71
14	31	1348	5.57e-02	-15.40	-0.25	-15.10	-2.14	6.62	-368.35	-5.86	-355.87	-67.25
14	31	1349	-0.16	-7.31	-0.20	-7.28	-0.49	12.40	-322.68	-1.69	-308.59	-67.24
14	31	1350	-0.22	-1.43	-0.22	-1.43	2.99e-02	9.64	-281.81	1.30	-273.47	-48.61
14	31	1351	6.55	-0.27	-0.24	6.51	0.47	7.09	-255.77	5.53	-254.21	-20.24
14	31	1352	17.53	-0.28	-0.21	17.46	1.11	10.95	-249.76	10.38	-249.19	12.14
14	31	1353	31.65	-0.33	-0.21	31.53	1.98	23.44	-262.63	15.76	-254.96	46.22
14	31	1354	49.26	-0.38	-0.18	49.06	3.10	42.67	-288.15	21.34	-266.82	81.25
14	31	1355	70.59	-0.48	-0.18	70.30	4.55	66.38	-317.67	27.20	-278.49	116.23
14	31	1356	95.92	-0.48	-5.84e-02	95.49	6.37	92.57	-338.29	32.45	-278.16	149.30

14	31	1357	125.12	-0.77	-0.20	124.55	8.48	120.91	-330.96	36.36	-246.41	176.23
14	31	1358	161.19	-0.52	0.12	160.55	10.14	154.08	-271.92	35.34	-153.19	191.00
14	31	1359	213.24	-0.69	9.38e-02	212.45	12.90	213.91	-167.20	23.01	23.69	190.55
14	31	1360	265.23	4.92	5.56	264.59	12.87	295.88	-145.23	1.03	149.61	207.67
14	31	1361	-171.10	-584.70	-583.42	-172.38	-22.98	786.61	-2502.92	-2360.61	644.30	669.24
14	31	1362	67.00	-126.16	-66.57	7.42	-89.21	39.29	-783.82	-588.15	-156.39	350.39
14	31	1363	34.46	-61.76	-25.11	-2.18	-46.72	-8.07	-470.69	-361.09	-117.67	196.70
14	31	1364	29.11	-33.19	-14.66	10.57	-28.48	-12.51	-266.34	-211.78	-67.08	104.28
14	31	1365	24.09	-20.52	-9.71	13.28	-19.11	-32.88	-149.88	-140.97	-41.79	31.03
14	31	1366	14.52	-16.59	-9.90	7.83	-12.78	-12.98	-145.82	-123.29	-35.51	-49.85
14	31	1367	-8.86	-21.31	-20.02	-10.16	-3.80	77.12	-351.25	-192.42	-81.72	-206.91
14	31	1368	-35.69	-136.85	-86.97	-85.57	50.58	-1236.45	-3237.48	-3166.03	-1307.90	371.30
14	31	1369	147.41	105.56	145.47	107.50	-8.80	870.68	-1400.99	252.70	-783.02	1010.91
14	31	1370	107.63	8.40	101.78	14.24	23.36	1177.71	501.44	542.35	1136.80	161.22
14	31	1371	36.81	5.88	6.43	36.26	-4.08	424.35	-679.13	289.58	-544.35	-361.33
14	31	1372	62.33	-9.93	-8.92	61.32	8.51	2152.01	-369.10	1640.39	142.51	-1013.94
14	31	1373	16.21	-17.71	-11.99	10.50	-12.69	264.62	-448.22	226.57	-410.17	-160.25
14	31	1374	16.59	-18.62	-8.96	6.93	15.71	653.47	-717.45	289.78	-353.77	-605.24
14	31	1375	5.14	-8.37	-4.88	1.65	-5.91	128.73	-413.86	53.88	-339.01	-187.11
14	31	1376	8.46	-0.35	-0.34	8.45	-0.28	271.12	-507.59	-19.77	-216.70	-376.70
14	31	1377	5.70	-4.70	-0.88	1.88	-5.01	37.84	-341.80	-37.85	-266.12	-151.67
14	31	1378	8.96	-3.51	3.85	1.59	-6.13	92.91	-353.41	-113.43	-147.07	-222.53
14	31	1379	10.91	-3.87	0.34	6.71	-6.67	-31.78	-264.45	-72.63	-223.60	-88.52
14	31	1380	23.18	-6.78	3.39	13.01	-14.19	-14.11	-235.72	-131.51	-118.31	-110.61
14	31	1381	18.04	-4.21	0.15	13.68	-8.83	-79.47	-209.39	-81.97	-206.89	-17.86
14	31	1382	23.48	-7.21	3.42	12.85	-14.60	-101.02	-154.88	-143.67	-112.22	-21.86
14	31	1383	27.38	-4.64	-5.36e-02	22.79	-11.21	-61.33	-227.22	-82.20	-206.35	55.01
14	31	1384	38.22	-10.56	3.11	24.55	-21.91	-71.32	-189.20	-144.86	-115.65	57.10
14	31	1385	38.34	-5.13	-0.34	33.55	-13.62	-1.94	-295.04	-79.38	-217.61	129.23
14	31	1386	39.32	-11.25	3.45	24.62	-22.96	-9.09	-277.30	-157.29	-129.11	133.36
14	31	1387	52.36	-5.61	-0.48	47.23	-16.47	65.41	-375.10	-74.77	-234.92	205.18
14	31	1388	58.37	-14.72	3.90	39.76	-31.84	57.74	-365.26	-162.05	-145.48	211.34
14	31	1389	69.01	-6.46	-0.95	63.51	-19.62	135.92	-457.05	-66.15	-254.98	281.05
14	31	1390	61.08	-17.43	5.40	38.25	-35.66	119.07	-470.25	-181.80	-169.38	294.60
14	31	1391	90.64	-7.11	-1.32	84.85	-23.07	211.56	-525.89	-48.05	-266.28	352.21
14	31	1392	94.60	-25.60	2.98	66.02	-51.17	199.15	-563.24	-173.62	-190.47	381.10
14	31	1393	116.14	-7.08	-1.07	110.12	-26.56	292.30	-557.88	-10.78	-254.80	407.21
14	31	1394	96.84	-23.31	7.84	65.69	-52.66	284.75	-658.00	-167.95	-205.30	471.00
14	31	1395	149.79	-7.93	-0.32	142.19	-33.78	383.02	-510.24	60.52	-187.74	429.03
14	31	1396	161.64	-26.41	12.18	123.04	-75.95	447.92	-676.35	-50.92	-177.51	558.56
14	31	1397	181.25	-15.24	-7.68	173.69	-37.79	482.87	-332.04	184.87	-34.05	392.48
14	31	1398	162.49	-81.23	-32.21	113.46	-97.70	680.08	-640.51	132.36	-92.78	650.63
14	31	1399	227.11	-15.62	-13.87	225.37	-20.49	656.55	-57.99	301.22	297.35	357.26
14	31	1400	279.96	-87.57	-65.28	257.66	-87.73	1709.68	-393.71	1103.13	212.84	952.84
14	32	22	494.55	-318.80	485.75	-310.00	84.14	7535.56	-857.74	6105.02	572.80	3156.02
14	32	40	213.53	-156.60	196.44	-139.51	-77.69	1.829e+04	831.13	1.391e+04	5215.99	-7572.75
14	32	580	593.97	-12.41	406.58	174.98	-280.21	325.91	-525.94	-301.48	101.45	375.26
14	32	581	176.45	-43.44	86.51	46.51	-108.11	56.14	-459.83	-323.16	-80.53	227.68
14	32	582	95.81	-16.70	51.09	28.01	-55.06	23.52	-267.51	-187.03	-56.96	130.17
14	32	583	62.33	-9.06	28.60	24.67	-35.64	-3.68	-139.45	-109.10	-34.02	56.56
14	32	584	48.13	-4.27	22.94	20.92	-26.18	-16.84	-76.26	-72.68	-20.42	-14.13
14	32	585	40.99	4.07	31.15	13.92	-16.33	77.92	-159.03	-62.53	-18.58	-116.42
14	32	586	72.05	-16.56	69.35	-13.86	15.23	125.14	-598.16	-353.30	-119.72	-342.27
14	32	1272	263.96	2.57	3.51	263.02	15.66	69.85	-305.22	-104.35	-131.02	187.06
14	32	1295	216.83	174.70	185.62	205.91	18.46	1864.40	1765.29	1820.62	1809.06	49.22
14	32	1296	140.54	-27.92	-13.55	126.16	47.06	588.17	-2.36	160.09	425.72	263.71
14	32	1345	182.25	-107.71	180.53	-106.00	22.22	803.70	-6722.35	-131.59	-5787.06	-2482.79
14	32	1346	-31.27	-114.30	-51.37	-94.20	-35.57	-32.12	-674.63	-83.41	-623.34	174.14
14	32	1347	-1.84	-37.77	-3.60	-36.01	-7.77	-25.02	-436.69	-31.79	-429.92	-52.36
14	32	1348	6.19e-02	-15.16	-0.24	-14.86	-2.12	5.36	-359.71	-5.37	-348.98	-61.67
14	32	1349	-0.16	-7.14	-0.19	-7.11	-0.48	11.29	-315.92	-1.29	-303.34	-62.91
14	32	1350	-0.21	-1.37	-0.21	-1.37	3.76e-02	8.97	-277.02	1.63	-269.68	-45.23
14	32	1351	6.49	-0.27	-0.23	6.45	0.47	7.00	-252.83	5.81	-251.64	-17.54
14	32	1352	17.33	-0.28	-0.21	17.26	1.10	11.44	-248.39	10.64	-247.59	14.37
14	32	1353	31.29	-0.33	-0.21	31.17	1.96	24.33	-262.40	16.01	-254.08	48.13
14	32	1354	48.69	-0.37	-0.18	48.49	3.07	43.80	-288.60	21.60	-266.39	82.99
14	32	1355	69.74	-0.47	-0.18	69.45	4.50	67.65	-318.32	27.47	-278.14	117.88
14	32	1356	94.68	-0.47	-4.96e-02	94.26	6.30	94.06	-338.56	32.73	-277.23	150.90
14	32	1357	123.33	-0.75	-0.18	122.76	8.38	122.88	-329.97	36.66	-243.75	177.79
14	32	1358	158.55	-0.50	0.14	157.91	10.02	157.45	-268.70	35.64	-146.90	192.54
14	32	1359	209.43	-0.68	9.27e-02	208.65	12.72	222.04	-162.36	23.29	36.39	192.08
14	32	1360	260.24	4.88	5.50	259.62	12.59	313.00	-139.09	1.19	172.72	209.15
14	32	1361	-167.48	-580.93	-579.67	-168.73	-22.76	811.57	-2481.08	-2340.54	671.03	665.57
14	32	1362	67.60	-125.25	-66.10	8.46	-88.93	45.29	-771.93	-574.96	-151.68	349.53
14	32	1363	34.66	-61.05	-24.85	-1.53	-46.41	-1.28	-456.84	-344.28	-113.83	196.49
14	32	1364	29.02	-32.88	-14.59	10.74	-28.24	-5.20	-250.34	-192.41	-63.13	104.14
14	32	1365	23.91	-20.39	-9.76	13.28	-18.92	-27.01	-129.65	-119.27	-37.39	30.95

14	32	1366	14.34	-16.56	-10.00	7.79	-12.63	-4.10	-124.60	-98.31	-30.38	-49.76
14	32	1367	-9.00	-21.44	-20.22	-10.21	-3.69	92.89	-329.09	-161.06	-75.15	-206.57
14	32	1368	-35.94	-137.57	-87.65	-85.86	50.81	-1228.31	-3202.86	-3128.85	-1302.32	375.05
14	32	1369	147.94	106.18	145.98	108.14	-8.82	897.51	-1405.31	278.17	-785.97	1021.10
14	32	1370	107.29	8.15	101.47	13.97	23.31	1178.16	511.20	557.33	1132.03	169.24
14	32	1371	36.90	5.95	6.53	36.33	-4.18	423.98	-660.20	302.01	-538.22	-342.59
14	32	1372	62.71	-10.13	-9.14	61.71	8.46	2167.97	-349.82	1670.01	148.15	-1002.90
14	32	1373	16.35	-17.69	-12.02	10.68	-12.68	268.69	-436.36	236.34	-404.02	-147.51
14	32	1374	16.72	-18.79	-9.11	7.04	15.82	664.10	-699.87	312.66	-348.43	-596.53
14	32	1375	5.16	-8.28	-4.89	1.78	-5.84	129.60	-401.64	61.86	-333.90	-177.20
14	32	1376	8.50	-0.38	-0.38	8.50	-0.12	278.31	-491.15	-0.79	-212.05	-369.94
14	32	1377	5.64	-4.58	-0.88	1.94	-4.91	37.76	-331.27	-31.33	-262.19	-143.95
14	32	1378	8.80	-3.39	3.84	1.57	-5.99	98.18	-338.80	-97.37	-143.25	-217.28
14	32	1379	10.80	-3.77	0.34	6.69	-6.56	-31.37	-256.63	-67.27	-220.72	-82.45
14	32	1380	22.97	-6.61	3.39	12.97	-13.99	-9.91	-222.92	-117.64	-115.19	-106.50
14	32	1381	17.87	-4.13	0.16	13.58	-8.71	-76.22	-206.19	-77.53	-204.88	-12.98
14	32	1382	23.25	-7.07	3.41	12.76	-14.42	-99.04	-142.04	-131.45	-109.63	-18.53
14	32	1383	27.11	-4.57	-4.78e-02	22.60	-11.08	-55.14	-228.35	-78.45	-205.04	59.11
14	32	1384	37.90	-10.40	3.09	24.41	-21.67	-62.93	-184.50	-133.93	-113.50	59.92
14	32	1385	37.96	-5.07	-0.34	33.24	-13.46	3.82	-296.79	-76.15	-216.83	132.83
14	32	1386	38.96	-11.09	3.40	24.47	-22.70	-1.04	-273.58	-147.33	-127.29	135.90
14	32	1387	51.82	-5.54	-0.48	46.76	-16.26	70.58	-376.98	-71.92	-234.48	208.49
14	32	1388	57.83	-14.52	3.82	39.49	-31.47	65.31	-362.24	-153.01	-143.92	213.73
14	32	1389	68.26	-6.37	-0.96	62.85	-19.34	140.76	-458.87	-63.54	-254.57	284.19
14	32	1390	60.53	-17.20	5.25	38.08	-35.23	126.29	-467.59	-173.39	-167.90	296.93
14	32	1391	89.59	-7.00	-1.34	83.93	-22.69	216.34	-527.22	-45.52	-265.36	355.16
14	32	1392	93.64	-25.21	2.84	65.58	-50.47	206.10	-560.87	-166.00	-188.77	383.31
14	32	1393	114.74	-6.96	-1.11	108.89	-26.02	297.30	-557.76	-8.18	-252.27	409.74
14	32	1394	96.08	-23.04	7.49	65.55	-52.01	291.71	-654.86	-160.43	-202.72	472.81
14	32	1395	147.88	-7.70	-0.35	140.53	-33.00	388.60	-507.05	63.26	-181.71	430.75
14	32	1396	160.07	-25.70	11.88	122.49	-74.63	454.65	-670.79	-43.71	-172.43	559.02
14	32	1397	178.85	-14.86	-7.56	171.55	-36.89	489.81	-323.69	187.65	-21.53	393.07
14	32	1398	161.43	-80.11	-32.06	113.38	-96.42	687.24	-628.92	139.77	-81.45	648.72
14	32	1399	224.24	-15.10	-13.45	222.59	-19.80	668.12	-44.22	304.12	319.78	356.08
14	32	1400	278.35	-86.01	-64.37	256.70	-86.12	1714.72	-374.10	1107.50	233.11	948.50
14	37	22	421.16	-265.70	412.81	-257.35	75.29	6389.59	-695.67	5187.62	506.29	2659.23
14	37	40	182.39	-133.51	167.56	-118.68	-66.82	1.575e+04	726.53	1.200e+04	4480.05	-6504.35
14	37	580	499.83	-7.85	341.12	150.86	-235.34	289.34	-432.31	-247.75	104.78	314.85
14	37	581	147.14	-35.97	71.56	39.60	-90.15	52.18	-383.56	-266.15	-65.23	193.33
14	37	582	80.29	-13.79	42.56	23.94	-46.11	26.24	-216.20	-144.53	-45.43	110.63
14	37	583	52.51	-7.39	24.07	21.04	-29.91	3.98	-103.60	-74.38	-25.23	47.85
14	37	584	40.68	-3.25	19.53	17.91	-21.95	-8.12	-45.11	-40.34	-12.89	-12.40
14	37	585	34.77	3.89	26.62	12.04	-13.61	81.16	-118.73	-27.37	-10.20	-99.58
14	37	586	61.47	-14.00	59.10	-11.62	13.18	124.17	-485.68	-267.31	-94.20	-292.38
14	37	1272	218.92	2.08	2.84	218.16	12.78	95.97	-227.72	-86.82	-44.93	160.48
14	37	1295	184.30	149.64	158.65	175.29	15.20	1634.15	1527.24	1550.57	1610.82	44.16
14	37	1296	115.99	-23.81	-11.51	103.69	39.59	549.13	18.03	139.77	427.38	223.24
14	37	1345	154.88	-90.25	153.33	-88.70	19.42	680.92	-5700.61	-105.63	-4914.06	-2097.79
14	37	1346	-26.47	-96.35	-43.54	-79.29	-30.02	-20.30	-569.66	-70.77	-519.19	158.69
14	37	1347	-1.55	-31.62	-3.05	-30.13	-6.54	-22.31	-362.06	-26.50	-357.86	-37.51
14	37	1348	5.05e-02	-12.53	-0.20	-12.28	-1.75	3.49	-298.39	-4.14	-290.77	-47.36
14	37	1349	-0.14	-5.83	-0.16	-5.81	-0.36	8.68	-263.02	-0.76	-253.58	-49.75
14	37	1350	-0.17	-1.04	-0.18	-1.03	6.50e-02	7.11	-231.79	1.67	-226.35	-35.62
14	37	1351	5.54	-0.23	-0.20	5.51	0.42	5.93	-212.88	5.20	-212.14	-12.67
14	37	1352	14.65	-0.24	-0.18	14.58	0.95	10.20	-210.47	9.29	-209.57	14.09
14	37	1353	26.37	-0.28	-0.17	26.26	1.68	21.51	-223.30	13.86	-215.65	42.59
14	37	1354	40.96	-0.31	-0.14	40.79	2.61	38.30	-245.91	18.63	-226.24	72.13
14	37	1355	58.56	-0.39	-0.14	58.31	3.80	58.81	-270.77	23.65	-235.61	101.75
14	37	1356	79.33	-0.38	-2.76e-02	78.98	5.31	81.68	-286.42	28.14	-232.87	129.78
14	37	1357	103.02	-0.61	-0.13	102.54	7.06	107.20	-275.86	31.45	-200.12	152.57
14	37	1358	131.93	-0.40	0.14	131.39	8.41	139.70	-219.07	30.54	-109.91	165.07
14	37	1359	173.77	-0.57	7.74e-02	173.12	10.63	205.11	-126.90	19.99	58.22	164.90
14	37	1360	215.82	4.09	4.60	215.31	10.34	299.35	-107.51	1.16	190.68	180.02
14	37	1361	-134.91	-487.78	-486.73	-135.96	-19.24	750.31	-2071.08	-1956.06	635.29	557.94
14	37	1362	59.44	-105.51	-55.46	9.40	-75.83	44.21	-645.22	-479.04	-121.97	294.88
14	37	1363	30.17	-51.05	-20.79	-8.55e-02	-39.27	4.88	-376.66	-278.81	-92.97	166.61
14	37	1364	24.69	-27.49	-12.31	9.51	-23.70	2.45	-198.72	-146.24	-50.03	88.33
14	37	1365	20.13	-17.02	-8.32	11.42	-15.74	-17.08	-91.93	-81.36	-27.65	26.06
14	37	1366	12.01	-13.84	-8.58	6.76	-10.40	6.39	-87.62	-60.35	-20.88	-42.66
14	37	1367	-7.67	-18.25	-17.40	-8.53	-2.88	95.55	-260.91	-107.82	-57.53	-176.45
14	37	1368	-30.67	-117.76	-75.24	-73.19	43.53	-1041.82	-2707.18	-2641.15	-1107.85	324.96
14	37	1369	125.92	90.67	124.25	92.34	-7.48	794.59	-1207.05	263.32	-675.78	883.84
14	37	1370	90.60	6.58	85.73	11.46	19.65	1006.39	446.46	491.60	961.25	152.44
14	37	1371	31.43	5.24	5.72	30.95	-3.52	362.86	-544.80	270.90	-452.84	-273.89
14	37	1372	53.65	-8.84	-8.00	52.82	7.18	1871.28	-279.77	1458.29	133.22	-847.23
14	37	1373	14.01	-14.87	-10.20	9.34	-10.63	234.49	-361.02	211.91	-338.44	-113.73
14	37	1374	14.47	-16.18	-7.81	6.10	13.66	579.12	-581.26	289.93	-292.08	-501.93

14	37	1375	4.42	-6.83	-4.14	1.74	-4.80	112.32	-331.29	60.80	-279.78	-142.12
14	37	1376	7.39	-0.31	-0.31	7.39	0.12	245.67	-404.19	17.75	-176.27	-310.11
14	37	1377	4.76	-3.67	-0.73	1.82	-4.02	32.87	-273.03	-20.40	-219.76	-116.00
14	37	1378	7.30	-2.55	3.30	1.45	-4.84	89.85	-276.01	-67.78	-118.38	-181.17
14	37	1379	9.13	-3.02	0.31	5.79	-5.42	-25.73	-212.02	-52.32	-185.43	-65.16
14	37	1380	19.39	-5.35	2.90	11.14	-11.66	-3.50	-178.94	-87.31	-95.13	-87.63
14	37	1381	15.09	-3.37	0.15	11.57	-7.25	-61.54	-173.20	-61.99	-172.75	-7.02
14	37	1382	19.54	-5.72	2.90	10.91	-11.98	-81.67	-109.96	-100.70	-90.94	-13.27
14	37	1383	22.88	-3.77	-3.61e-02	19.15	-9.25	-41.58	-195.38	-63.44	-173.52	53.71
14	37	1384	31.98	-8.60	2.61	20.77	-18.15	-45.95	-152.76	-104.07	-94.65	53.20
14	37	1385	32.00	-4.20	-0.29	28.09	-11.24	8.19	-254.10	-61.95	-183.96	116.09
14	37	1386	32.80	-9.15	2.82	20.83	-18.95	6.24	-229.36	-116.42	-106.70	117.70
14	37	1387	43.62	-4.60	-0.42	39.45	-13.56	64.62	-322.31	-58.63	-199.06	180.27
14	37	1388	48.72	-12.05	3.16	33.50	-26.33	62.29	-305.46	-122.17	-120.99	183.88
14	37	1389	57.39	-5.28	-0.84	52.94	-16.09	124.24	-391.41	-51.59	-215.58	244.44
14	37	1390	51.02	-14.28	4.25	32.48	-29.44	113.92	-395.13	-140.02	-141.18	254.52
14	37	1391	75.22	-5.80	-1.18	70.60	-18.79	188.76	-447.91	-36.12	-223.02	304.31
14	37	1392	78.71	-20.87	2.26	55.57	-42.05	181.56	-473.98	-134.43	-158.00	327.56
14	37	1393	96.21	-5.74	-1.02	91.50	-21.42	258.25	-470.16	-4.03	-207.88	349.65
14	37	1394	81.22	-19.27	5.84	56.11	-43.51	254.52	-551.16	-129.25	-167.39	402.39
14	37	1395	123.79	-6.22	-0.33	117.90	-27.03	337.14	-420.27	56.85	-139.98	365.70
14	37	1396	134.47	-20.77	9.70	104.00	-61.66	392.67	-557.80	-29.71	-135.42	472.29
14	37	1397	149.55	-12.07	-6.20	143.68	-30.23	426.28	-254.90	161.90	9.48	331.96
14	37	1398	136.55	-66.41	-26.96	97.10	-80.31	591.51	-508.19	126.71	-43.39	543.24
14	37	1399	187.40	-12.05	-10.75	186.10	-16.09	589.67	-12.96	259.82	316.90	299.96
14	37	1400	234.63	-70.77	-53.35	217.20	-70.83	1461.42	-275.14	941.37	244.91	795.40

M_G	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		-801.17	-799.41	-431.48	-386.58		-9234.59	-4338.14	-7935.71	-1.029e+04
	817.89		662.15	370.32	112.65	2.484e+04		1.887e+04	7088.84	4328.28

Macro	Tipo	Angolo 1-X (gradi)
15	Guscio	0.0

M_G	Cmb	Nodo	N max daN/cm	N min daN/cm	N 1 daN/cm	N 2 daN/cm	N 1-2 daN/cm	M max daN	M min daN	M 1 daN	M 2 daN	M 1-2 daN
15	7	33	325.69	-303.67	323.44	-301.42	37.56	5866.85	-2.774e+04	4144.44	-2.602e+04	-7410.69
15	7	1345	-34.34	-262.51	-197.75	-99.10	102.87	1964.49	-9249.05	1044.18	-8328.75	3077.81
15	7	1405	375.32	-360.83	-353.18	367.67	74.65	4206.02	319.32	628.83	3896.50	-1052.23
15	7	1406	51.07	-14.04	9.87	27.16	-31.39	43.83	-1441.05	-169.88	-1227.33	521.22
15	7	1407	1.47	7.44e-02	1.24	0.31	-0.53	40.55	-2.92	-2.07	39.70	6.02
15	7	1408	126.51	-4.33	124.93	-2.75	14.29	660.96	112.06	237.44	535.58	230.43
15	7	1409	93.63	-0.20	93.06	0.37	7.28	145.46	-384.51	-287.29	48.24	205.12
15	7	1410	53.37	-0.18	52.94	0.24	4.76	169.99	-556.48	-422.46	35.98	281.77
15	7	1411	12.39	-0.23	11.99	0.16	2.19	219.54	-634.10	-453.23	38.67	348.83
15	7	1412	1.30	-17.13	-17.10	1.27	0.76	360.52	-500.85	-323.00	182.68	348.65
15	7	1413	18.95	-48.55	-47.97	18.38	-6.23	1710.04	-95.54	-56.86	1671.35	261.45
15	7	1414	49.95	-1.51	43.12	5.32	-17.46	-261.24	-1128.96	-264.07	-1126.13	49.50
15	7	1415	5.82	1.51	4.53	2.80	-1.97	11.20	-501.08	-45.04	-444.84	160.15
15	7	1416	2.09	0.54	1.68	0.95	-0.68	88.75	-296.04	-251.27	43.99	123.38
15	7	1417	0.40	-11.91	-11.89	0.38	0.53	118.52	-454.60	-366.79	30.71	206.44
15	7	1418	0.10	-37.45	-37.45	0.10	-0.16	151.14	-553.43	-428.41	26.13	269.17
15	7	1419	0.17	-64.58	-64.55	0.14	-1.24	175.20	-602.09	-457.52	30.63	302.44
15	7	1420	0.30	-91.14	-91.08	0.24	-2.33	194.40	-611.81	-433.79	16.37	334.42
15	7	1421	2.54	-115.90	-115.81	2.45	-3.31	289.99	-661.61	-391.06	19.43	429.26
15	7	1422	28.38	-131.56	-130.47	27.30	-13.14	368.05	-803.56	-434.56	-0.95	544.21
15	7	1423	-219.30	-319.06	-315.63	-222.74	18.19	7.71	-1561.15	-856.90	-696.54	780.32
15	7	1424	270.81	35.75	80.52	226.03	-92.31	754.65	-1306.63	-155.75	-396.23	1023.60
15	7	1425	-87.28	-249.32	-118.63	-217.98	-64.01	-953.45	-3282.50	-1189.94	-3046.00	703.48
15	7	1426	274.30	107.00	250.90	130.40	58.03	5969.80	1764.77	2271.18	5463.39	1368.58
15	7	1427	110.86	-1.27	110.35	-0.75	7.59	179.29	-231.55	-130.51	78.25	176.93
15	7	1428	73.71	-0.15	73.30	0.27	5.50	136.56	-475.06	-367.30	28.79	233.02
15	7	1429	33.08	-9.78e-02	32.72	0.27	3.46	193.10	-581.20	-442.46	54.36	296.94
15	7	1430	68.87	-79.50	2.30	-12.93	-73.79	1012.70	-1914.21	-24.93	-876.58	1400.13
15	7	1431	9.14	-35.14	-27.36	1.35	16.86	501.45	-969.84	-443.81	-24.57	705.15
15	7	1432	8.04	-27.04	-17.76	-1.24	15.47	388.34	-869.32	-345.51	-135.48	620.00
15	7	1433	52.69	9.87	50.54	12.03	9.36	235.67	-716.90	54.86	-536.10	373.55
15	7	1434	8.35	-40.95	-34.41	1.81	16.73	541.39	-1006.95	-479.73	14.17	733.73
15	7	1435	9.84	-29.65	-18.54	-1.27	17.76	595.48	-1111.48	-319.33	-196.68	851.27
15	7	1436	18.09	-18.21	-2.18	2.06	18.03	571.96	-1031.12	-485.96	26.80	759.43
15	7	1437	37.37	-5.87	31.73	-0.23	14.57	431.44	-815.42	-149.97	-234.01	622.01

15	7	1438	37.17	-8.72	27.72	0.73	18.56	492.73	-857.15	-315.16	-49.27	661.71
15	7	1439	31.57	-9.20	20.19	2.19	18.29	524.20	-923.07	-414.76	15.89	690.85
15	7	1440	22.50	-15.04	5.18	2.28	18.72	551.75	-989.29	-468.65	31.11	728.88
15	7	1441	8.12	-45.76	-39.37	1.73	17.42	579.94	-1000.66	-366.97	-53.75	774.63
15	7	1442	7.28	-47.19	-41.87	1.97	16.16	573.52	-1020.35	-466.43	19.60	758.98
15	7	1443	-3.54	-64.40	-53.92	-14.02	22.98	719.83	-1181.36	-233.18	-228.35	950.59
15	7	1444	78.71	-40.80	-34.63	72.54	-26.44	-144.12	-2098.43	-147.52	-2095.02	81.51
15	7	1445	0.96	-12.03	-5.45	-5.63	6.50	164.14	-692.73	-211.67	-316.92	425.19
15	7	1446	7.00	-51.33	-21.77	-22.56	29.17	596.81	-1622.84	-128.93	-897.09	1041.25
15	7	1447	14.20	-23.02	-10.23	1.41	17.68	585.24	-1053.03	-441.86	-25.93	792.29
15	7	1448	0.58	-123.13	0.24	-122.80	-6.43	1283.36	-1603.52	-216.62	-103.54	1442.34
15	7	1449	0.39	-20.21	-1.15	-18.68	-5.41	603.34	-1258.02	-25.73	-628.95	880.45
15	21	33	267.13	-252.59	265.63	-251.09	27.94	5370.65	-2.298e+04	4083.78	-2.169e+04	-5901.18
15	21	1345	-27.59	-217.34	-164.75	-80.18	84.93	1634.11	-7700.08	837.85	-6903.82	2607.37
15	21	1405	301.72	-297.76	-290.39	294.34	66.07	6045.12	1367.02	3121.57	4290.56	-2264.84
15	21	1406	40.20	-12.46	8.60	19.13	-25.80	6.64	-1167.25	-187.66	-972.94	436.28
15	21	1407	1.16	6.41e-02	0.98	0.24	-0.40	36.07	1.56	2.61	35.02	5.94
15	21	1408	105.54	-2.72	104.19	-1.37	11.99	587.48	134.58	272.16	449.90	208.28
15	21	1409	77.05	-0.17	76.58	0.30	6.03	133.77	-342.54	-252.55	43.78	186.46
15	21	1410	43.30	-0.18	42.95	0.17	3.90	143.29	-544.87	-434.98	33.40	252.08
15	21	1411	9.31	-0.25	8.96	9.88e-02	1.78	181.15	-642.10	-495.15	34.20	315.24
15	21	1412	1.01	-15.01	-14.98	0.98	0.64	304.53	-525.53	-373.00	152.00	321.47
15	21	1413	15.15	-41.17	-40.74	14.71	-4.92	1429.34	-172.65	-129.34	1386.03	259.82
15	21	1414	41.95	-0.50	36.03	5.42	-14.71	-200.63	-998.18	-210.33	-988.47	87.44
15	21	1415	4.92	1.38	3.78	2.52	-1.66	22.94	-455.64	-33.11	-399.60	153.88
15	21	1416	1.87	0.49	1.55	0.81	-0.59	78.82	-298.99	-260.01	39.84	114.92
15	21	1417	0.36	-9.30	-9.28	0.34	0.44	99.84	-470.24	-399.27	28.87	188.21
15	21	1418	0.11	-30.25	-30.25	0.11	-0.11	125.53	-568.73	-468.24	25.04	244.27
15	21	1419	0.16	-52.67	-52.65	0.14	-0.99	148.46	-606.07	-486.82	29.21	275.24
15	21	1420	0.28	-74.71	-74.67	0.23	-1.90	170.15	-591.68	-437.86	16.33	305.82
15	21	1421	2.19	-95.25	-95.18	2.11	-2.74	268.32	-597.92	-349.79	20.19	391.63
15	21	1422	24.26	-107.87	-106.93	23.32	-11.08	357.81	-672.07	-307.14	-7.12	492.61
15	21	1423	-180.98	-261.95	-259.59	-183.34	13.62	128.16	-1659.78	-746.73	-784.89	893.76
15	21	1424	216.95	26.53	63.34	180.14	-75.20	513.14	-1366.14	-563.75	-289.25	929.56
15	21	1425	-72.47	-206.94	-97.83	-181.59	-52.60	-925.90	-2747.82	-1124.48	-2549.25	567.77
15	21	1426	225.08	85.16	205.44	104.80	48.60	5010.67	1571.32	2011.02	4570.97	1148.45
15	21	1427	91.86	-0.93	91.42	-0.49	6.38	174.95	-184.63	-77.28	67.60	164.55
15	21	1428	60.27	-0.14	59.93	0.20	4.52	118.39	-450.00	-358.21	26.59	209.17
15	21	1429	26.45	-0.10	26.15	0.20	2.81	161.25	-583.23	-472.06	50.09	265.33
15	21	1430	54.78	-66.35	1.63	-13.20	-60.11	935.81	-1539.03	89.18	-692.40	1174.09
15	21	1431	7.56	-28.90	-22.45	1.11	13.91	431.35	-935.37	-483.03	-20.99	643.13
15	21	1432	6.55	-22.12	-14.50	-1.07	12.67	332.97	-836.03	-385.87	-117.19	568.86
15	21	1433	43.20	7.43	41.41	9.22	7.79	285.20	-612.39	115.89	-443.07	351.15
15	21	1434	6.96	-33.75	-28.30	1.51	13.87	471.09	-964.15	-506.24	13.17	668.98
15	21	1435	7.97	-24.67	-15.61	-1.09	14.62	509.99	-1045.64	-365.53	-170.12	771.66
15	21	1436	14.82	-15.28	-2.15	1.69	14.93	495.44	-983.48	-512.19	24.15	689.12
15	21	1437	30.76	-5.13	25.82	-0.19	12.37	426.83	-713.49	-94.42	-192.25	568.06
15	21	1438	30.65	-7.41	22.55	0.69	15.58	458.02	-771.61	-276.64	-36.95	603.02
15	21	1439	25.99	-7.80	16.34	1.85	15.27	471.14	-852.16	-398.33	17.31	628.17
15	21	1440	18.50	-12.65	3.95	1.90	15.54	484.93	-931.31	-475.33	28.94	661.71
15	21	1441	6.85	-37.97	-32.65	1.54	14.49	533.91	-907.53	-333.81	-39.81	705.57
15	21	1442	6.11	-38.96	-34.51	1.66	13.44	509.95	-958.66	-468.33	19.61	692.59
15	21	1443	-3.02	-53.76	-45.06	-11.72	19.12	694.34	-1004.71	-140.35	-170.02	849.39
15	21	1444	62.93	-33.49	-28.18	57.61	-22.01	-17.63	-1729.04	-27.86	-1718.81	131.93
15	21	1445	0.63	-9.61	-4.37	-4.61	5.12	149.82	-659.78	-229.78	-280.18	404.01
15	21	1446	5.58	-42.36	-17.92	-18.86	23.96	527.28	-1459.39	-167.75	-764.37	947.48
15	21	1447	11.58	-19.23	-8.79	1.13	14.58	502.72	-1007.14	-481.65	-22.77	719.22
15	21	1448	-0.83	-101.92	-1.08	-101.67	-4.99	1202.07	-1025.70	139.61	36.76	1112.70
15	21	1449	-0.47	-17.27	-1.51	-16.23	-4.06	609.60	-1040.09	76.28	-506.78	771.61
15	31	33	238.51	-222.67	236.89	-221.05	27.27	4353.27	-2.033e+04	3105.86	-1.908e+04	-5407.11
15	31	1345	-25.01	-192.33	-145.07	-72.26	75.32	1440.92	-6784.78	762.75	-6106.61	2262.42
15	31	1405	274.45	-264.52	-258.83	268.75	55.12	3269.70	390.15	707.13	2952.71	-901.28
15	31	1406	37.28	-10.36	7.27	19.65	-23.00	29.22	-1054.41	-129.10	-896.09	382.75
15	31	1407	1.07	5.58e-02	0.90	0.23	-0.38	29.97	-1.73	-1.07	29.32	4.51
15	31	1408	92.79	-3.11	91.62	-1.95	10.49	488.06	86.10	180.94	393.23	170.66
15	31	1409	68.54	-0.15	68.13	0.27	5.33	107.83	-285.01	-212.94	35.76	152.05
15	31	1410	38.97	-0.14	38.65	0.17	3.48	124.71	-416.95	-318.98	26.74	208.49
15	31	1411	8.91	-0.18	8.62	0.11	1.60	160.70	-476.98	-344.86	28.57	258.45
15	31	1412	0.94	-12.70	-12.68	0.92	0.56	264.84	-378.61	-247.76	133.99	258.98
15	31	1413	13.79	-35.75	-35.33	13.37	-4.52	1254.97	-79.65	-50.17	1225.49	196.14
15	31	1414	36.71	-0.97	31.65	4.08	-12.84	-190.11	-833.96	-192.74	-831.33	41.07
15	31	1415	4.28	1.13	3.33	2.09	-1.45	9.61	-371.52	-32.59	-329.32	119.60
15	31	1416	1.56	0.41	1.26	0.70	-0.50	65.59	-222.57	-189.58	32.59	91.76
15	31	1417	0.30	-8.63	-8.61	0.28	0.39	86.95	-342.91	-278.82	22.87	153.11
15	31	1418	8.11e-02	-27.31	-27.31	8.06e-02	-0.11	110.67	-417.12	-325.95	19.50	199.51
15	31	1419	0.13	-47.19	-47.17	0.11	-0.90	128.61	-452.63	-346.88	22.85	224.25
15	31	1420	0.23	-66.67	-66.63	0.18	-1.70	143.27	-457.65	-326.66	12.29	248.10

15	31	1421	1.88	-84.84	-84.77	1.81	-2.43	215.24	-490.75	-290.18	14.67	318.39
15	31	1422	20.89	-96.30	-95.51	20.09	-9.65	274.85	-590.32	-314.36	-1.11	403.24
15	31	1423	-160.80	-233.78	-231.31	-163.28	13.22	17.13	-1178.49	-632.09	-529.27	595.59
15	31	1424	197.98	25.97	58.78	165.16	-67.58	539.80	-983.25	-155.43	-288.02	758.63
15	31	1425	-63.99	-182.78	-86.92	-159.85	-46.88	-713.13	-2409.44	-886.66	-2235.92	514.05
15	31	1426	200.88	78.15	183.71	95.32	42.58	4382.35	1304.49	1677.59	4009.25	1004.56
15	31	1427	81.24	-0.92	80.86	-0.54	5.57	133.78	-169.56	-93.43	57.65	131.52
15	31	1428	53.90	-0.11	53.60	0.19	4.02	100.50	-354.61	-275.49	21.39	172.47
15	31	1429	24.09	-7.64e-02	23.82	0.19	2.53	141.52	-436.77	-335.62	40.37	219.69
15	31	1430	50.30	-58.32	1.68	-9.70	-54.01	751.92	-1399.82	-8.03	-639.87	1028.44
15	31	1431	6.70	-25.72	-20.01	0.99	12.35	369.09	-724.64	-337.47	-18.08	523.03
15	31	1432	5.87	-19.77	-12.98	-0.92	11.31	285.71	-649.20	-263.66	-99.84	460.22
15	31	1433	38.58	7.16	37.00	8.75	6.87	181.27	-527.73	46.51	-392.96	278.19
15	31	1434	6.13	-29.99	-25.18	1.33	12.27	399.03	-751.77	-363.27	10.53	544.20
15	31	1435	7.18	-21.75	-13.63	-0.94	13.00	438.15	-827.69	-244.61	-144.93	630.95
15	31	1436	13.24	-13.38	-1.65	1.50	13.22	421.37	-769.44	-367.92	19.85	562.95
15	31	1437	27.38	-4.34	23.21	-0.17	10.72	322.89	-602.17	-107.83	-171.45	461.43
15	31	1438	27.23	-6.43	20.26	0.54	13.63	365.99	-635.24	-233.48	-35.76	490.76
15	31	1439	23.12	-6.78	14.74	1.61	13.43	387.84	-686.16	-310.39	12.06	512.23
15	31	1440	16.47	-11.06	3.74	1.67	13.73	407.16	-737.10	-353.07	23.13	540.32
15	31	1441	5.98	-33.55	-28.86	1.28	12.79	430.31	-742.19	-272.89	-38.99	574.46
15	31	1442	5.35	-34.57	-30.66	1.45	11.86	423.80	-760.04	-350.94	14.70	562.98
15	31	1443	-2.59	-47.27	-39.56	-10.30	16.88	537.19	-869.55	-166.61	-165.75	703.37
15	31	1444	57.50	-29.88	-25.34	52.96	-19.39	-95.86	-1537.27	-98.94	-1534.19	66.56
15	31	1445	0.67	-8.75	-3.97	-4.11	4.71	121.68	-516.65	-160.81	-234.16	317.05
15	31	1446	5.09	-37.58	-15.93	-16.56	21.34	440.82	-1201.52	-100.82	-659.88	772.13
15	31	1447	10.38	-16.90	-7.55	1.03	12.95	430.74	-785.95	-336.07	-19.14	587.34
15	31	1448	0.33	-90.31	9.07e-02	-90.07	-4.67	954.29	-1148.04	-129.03	-64.71	1050.67
15	31	1449	0.21	-14.87	-0.88	-13.78	-3.91	452.85	-922.80	-10.01	-459.95	649.99
15	35	33	199.47	-188.61	198.34	-187.49	20.86	4023.09	-1.716e+04	3065.42	-1.620e+04	-4400.77
15	35	1345	-20.50	-162.22	-123.07	-59.65	63.37	1220.71	-5752.17	625.20	-5156.66	1948.79
15	35	1405	225.39	-222.48	-216.97	219.87	49.40	4553.48	1030.90	2368.96	3215.42	-1709.69
15	35	1406	30.04	-9.31	6.42	14.30	-19.27	4.53	-871.99	-140.95	-726.50	326.12
15	35	1407	0.86	4.90e-02	0.73	0.18	-0.30	27.00	1.26	2.05	26.20	4.46
15	35	1408	78.80	-2.03	77.80	-1.03	8.95	439.39	100.80	204.08	336.11	155.90
15	35	1409	57.49	-0.13	57.14	0.22	4.50	100.04	-257.02	-189.77	32.79	139.61
15	35	1410	32.26	-0.14	32.00	0.13	2.90	107.01	-409.31	-327.33	25.03	188.70
15	35	1411	6.86	-0.19	6.60	6.98e-02	1.33	135.27	-482.48	-372.80	25.59	236.06
15	35	1412	0.75	-11.28	-11.26	0.73	0.48	227.59	-395.14	-281.09	113.54	240.86
15	35	1413	11.25	-30.83	-30.51	10.93	-3.65	1067.89	-131.11	-98.50	1035.27	195.05
15	35	1414	31.37	-0.30	26.92	4.15	-11.00	-149.45	-747.02	-156.91	-739.56	66.36
15	35	1415	3.68	1.04	2.82	1.90	-1.24	17.44	-341.24	-24.63	-299.17	115.42
15	35	1416	1.41	0.37	1.17	0.60	-0.44	58.98	-224.55	-195.40	29.83	86.12
15	35	1417	0.27	-6.89	-6.88	0.25	0.33	74.61	-353.44	-300.47	21.63	140.95
15	35	1418	8.52e-02	-22.51	-22.51	8.50e-02	-7.79e-02	93.75	-427.47	-352.50	18.78	182.91
15	35	1419	0.12	-39.25	-39.24	0.11	-0.74	110.90	-455.41	-366.41	21.90	206.11
15	35	1420	0.21	-55.72	-55.68	0.17	-1.41	127.16	-444.28	-329.38	12.26	229.04
15	35	1421	1.64	-71.07	-71.02	1.58	-2.05	200.79	-448.29	-262.67	15.18	293.30
15	35	1422	18.14	-80.51	-79.81	17.44	-8.28	268.18	-502.81	-229.41	-5.22	368.84
15	35	1423	-135.25	-195.71	-193.95	-137.01	10.17	97.98	-1244.79	-558.64	-588.17	671.22
15	35	1424	162.07	19.82	47.32	134.57	-56.18	381.81	-1025.93	-427.43	-216.70	695.94
15	35	1425	-54.12	-154.53	-73.05	-135.60	-39.28	-694.74	-2053.02	-843.01	-1904.75	423.57
15	35	1426	168.07	63.59	153.40	78.26	36.29	3742.97	1175.48	1504.15	3414.30	857.81
15	35	1427	68.57	-0.69	68.24	-0.36	4.76	130.98	-138.37	-57.94	50.55	123.27
15	35	1428	44.94	-0.11	44.69	0.15	3.37	88.42	-337.93	-269.43	19.92	156.57
15	35	1429	19.67	-8.06e-02	19.44	0.14	2.10	120.44	-438.26	-355.35	37.53	198.62
15	35	1430	40.91	-49.56	1.23	-9.88	-44.89	700.70	-1149.74	68.05	-517.08	877.75
15	35	1431	5.65	-21.56	-16.74	0.83	10.38	322.48	-701.78	-363.62	-15.69	481.68
15	35	1432	4.88	-16.49	-10.81	-0.80	9.44	248.94	-627.14	-290.57	-87.64	426.13
15	35	1433	32.25	5.54	30.92	6.87	5.83	214.30	-458.05	87.19	-330.94	263.26
15	35	1434	5.20	-25.19	-21.11	1.13	10.36	352.25	-723.32	-380.94	9.87	501.03
15	35	1435	5.93	-18.43	-11.67	-0.82	10.90	381.28	-783.92	-275.42	-127.23	577.87
15	35	1436	11.05	-11.43	-1.63	1.26	11.15	370.44	-737.77	-385.41	18.08	516.07
15	35	1437	22.97	-3.85	19.27	-0.14	9.25	319.82	-534.22	-70.80	-143.61	425.47
15	35	1438	22.88	-5.55	16.82	0.51	11.65	342.85	-578.21	-207.81	-27.55	451.62
15	35	1439	19.40	-5.84	12.17	1.38	11.41	352.48	-638.91	-299.43	13.01	470.44
15	35	1440	13.81	-9.47	2.92	1.42	11.61	362.66	-698.50	-357.52	21.68	495.55
15	35	1441	5.13	-28.36	-24.38	1.15	10.84	399.63	-680.10	-250.78	-29.69	528.43
15	35	1442	4.57	-29.08	-25.76	1.25	10.05	381.46	-718.96	-352.21	14.71	518.72
15	35	1443	-2.24	-40.17	-33.66	-8.76	14.31	520.21	-751.79	-104.72	-126.86	635.90
15	35	1444	46.99	-25.01	-21.04	43.01	-16.44	-11.27	-1291.27	-19.16	-1283.39	100.17
15	35	1445	0.45	-7.14	-3.25	-3.43	3.80	112.21	-494.76	-172.88	-209.67	302.93
15	35	1446	4.14	-31.60	-13.36	-14.10	17.87	394.59	-1092.68	-126.70	-571.39	709.62
15	35	1447	8.63	-14.37	-6.59	0.84	10.89	375.84	-755.48	-362.60	-17.03	538.62
15	35	1448	-0.61	-76.17	-0.79	-75.98	-3.71	900.50	-763.23	108.46	28.82	830.91
15	35	1449	-0.35	-12.91	-1.12	-12.14	-3.01	457.05	-777.55	58.00	-378.50	577.43
15	37	33	201.58	-189.11	200.30	-187.84	22.30	3864.14	-1.724e+04	2853.66	-1.623e+04	-4506.43

15	37	1345	-20.68	-162.86	-123.44	-60.09	63.64	1225.43	-5772.25	638.54	-5185.35	1939.71
15	37	1405	230.70	-224.52	-219.39	225.57	48.04	3484.71	723.42	1392.28	2815.85	-1183.02
15	37	1406	31.13	-9.00	6.28	15.85	-19.49	15.59	-888.57	-124.24	-748.74	326.92
15	37	1407	0.87	5.15e-02	0.73	0.19	-0.30	26.25	-0.14	0.53	25.59	4.13
15	37	1408	78.88	-2.41	77.88	-1.42	8.93	426.03	85.28	175.66	335.65	150.43
15	37	1409	57.86	-0.13	57.51	0.22	4.52	95.36	-251.97	-188.24	31.63	134.44
15	37	1410	32.57	-0.14	32.30	0.13	2.93	106.31	-383.04	-300.62	23.89	183.14
15	37	1411	7.03	-0.19	6.78	7.22e-02	1.34	135.90	-444.20	-333.27	24.96	228.14
15	37	1412	0.75	-11.22	-11.20	0.73	0.48	226.66	-358.33	-245.63	113.96	230.71
15	37	1413	11.35	-30.84	-30.52	11.03	-3.69	1069.51	-98.65	-69.95	1040.80	180.86
15	37	1414	31.43	-0.38	26.99	4.05	-11.02	-156.38	-728.59	-160.83	-724.14	50.26
15	37	1415	3.69	1.04	2.83	1.89	-1.24	12.68	-328.81	-26.27	-289.86	108.56
15	37	1416	1.40	0.36	1.16	0.61	-0.44	57.39	-206.80	-178.19	28.79	82.09
15	37	1417	0.27	-6.99	-6.98	0.25	0.33	74.20	-322.27	-268.61	20.53	135.64
15	37	1418	8.49e-02	-22.71	-22.71	8.46e-02	-8.15e-02	93.77	-391.02	-314.92	17.67	176.36
15	37	1419	0.12	-39.55	-39.54	0.11	-0.75	109.91	-420.61	-331.35	20.65	198.46
15	37	1420	0.21	-56.11	-56.07	0.17	-1.42	124.13	-417.93	-305.14	11.33	220.04
15	37	1421	1.63	-71.59	-71.53	1.58	-2.05	191.20	-434.96	-257.58	13.82	282.14
15	37	1422	18.01	-81.29	-80.60	17.32	-8.24	249.71	-505.26	-253.27	-2.28	356.02
15	37	1423	-136.57	-198.04	-196.06	-138.54	10.84	52.46	-1110.75	-549.03	-509.25	581.26
15	37	1424	166.25	21.27	49.08	138.44	-57.08	419.94	-921.12	-264.66	-236.51	670.38
15	37	1425	-54.32	-155.14	-73.62	-135.84	-39.66	-650.80	-2054.79	-798.60	-1906.99	430.89
15	37	1426	169.81	65.38	155.18	80.01	36.25	3738.42	1141.66	1464.35	3415.73	856.64
15	37	1427	68.84	-0.76	68.52	-0.43	4.75	121.23	-143.46	-72.09	49.86	117.46
15	37	1428	45.31	-0.11	45.05	0.15	3.40	86.63	-321.46	-253.89	19.06	151.69
15	37	1429	19.91	-8.02e-02	19.68	0.15	2.12	120.25	-405.40	-321.09	35.95	192.90
15	37	1430	42.08	-49.64	1.40	-8.96	-45.56	668.88	-1176.91	26.16	-534.19	879.34
15	37	1431	5.68	-21.69	-16.85	0.84	10.44	318.21	-659.21	-325.45	-15.55	463.50
15	37	1432	4.92	-16.60	-10.88	-0.80	9.51	246.01	-589.57	-257.18	-86.38	408.97
15	37	1433	32.61	5.84	31.25	7.20	5.87	181.24	-454.88	59.69	-333.34	250.09
15	37	1434	5.23	-25.34	-21.24	1.13	10.42	345.69	-681.92	-345.64	9.41	482.16
15	37	1435	5.99	-18.49	-11.69	-0.82	10.97	377.24	-744.13	-241.49	-125.40	557.67
15	37	1436	11.15	-11.46	-1.58	1.27	11.21	364.41	-696.78	-349.87	17.50	497.79
15	37	1437	23.18	-3.81	19.53	-0.16	9.23	295.29	-525.23	-84.75	-145.19	409.14
15	37	1438	23.04	-5.56	17.01	0.48	11.67	326.00	-561.26	-206.06	-29.19	434.73
15	37	1439	19.54	-5.85	12.31	1.37	11.46	340.62	-612.89	-283.84	11.57	453.30
15	37	1440	13.92	-9.50	3.00	1.42	11.68	354.25	-663.87	-330.29	20.66	477.86
15	37	1441	5.15	-28.50	-24.48	1.12	10.92	381.81	-657.64	-244.10	-31.74	508.77
15	37	1442	4.59	-29.26	-25.91	1.25	10.11	370.56	-683.88	-326.87	13.55	498.99
15	37	1443	-2.18	-40.30	-33.68	-8.80	14.44	486.48	-749.29	-127.47	-135.34	617.87
15	37	1444	48.17	-25.26	-21.36	44.26	-16.48	-49.38	-1301.66	-54.31	-1296.73	78.43
15	37	1445	0.48	-7.21	-3.28	-3.45	3.84	107.76	-467.02	-154.64	-204.61	286.30
15	37	1446	4.19	-31.75	-13.42	-14.13	17.96	384.96	-1058.03	-105.88	-567.19	683.63
15	37	1447	8.70	-14.42	-6.57	0.85	10.95	371.25	-712.29	-324.38	-16.66	519.46
15	37	1448	-1.06e-02	-76.78	-0.20	-76.59	-3.82	853.88	-886.47	-13.70	-18.89	870.17
15	37	1449	-4.92e-02	-12.79	-0.87	-11.97	-3.14	418.32	-785.03	19.99	-386.70	566.27

M_G	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
	375.32	-360.83	-353.18	-301.42	-92.31	6045.12	-2.774e+04	-1189.94	-2.602e+04	-7410.69
			323.44	367.67	102.87			4144.44	5463.39	3077.81

Macro	Tipo	Angolo 1-X (gradi)
16	Guscio	0.0

M_G	Cmb	Nodo	N max daN/cm	N min daN/cm	N 1 daN/cm	N 2 daN/cm	N 1-2 daN/cm	M max daN	M min daN	M 1 daN	M 2 daN	M 1-2 daN
16	22	48	104.26	-124.62	-122.43	102.07	-22.28	4.390e+04	3440.94	1.608e+04	3.127e+04	-1.875e+04
16	22	50	200.28	-87.78	195.54	-83.04	36.65	2.970e+04	4026.55	1.794e+04	1.579e+04	1.279e+04
16	22	1450	-0.93	-38.18	-36.73	-2.39	7.22	454.75	-481.19	288.60	-315.03	-357.63
16	22	1451	-0.70	-14.98	-14.98	-0.70	-4.94e-02	13.45	-1316.02	-1312.25	9.68	-70.72
16	22	1452	-0.90	-14.16	-14.15	-0.92	-0.41	14.68	-2284.20	-2282.99	13.48	-52.64
16	22	1453	-0.96	-14.82	-14.81	-0.97	-0.41	16.20	-2923.07	-2919.49	12.62	-102.58
16	22	1454	-0.97	-14.37	-14.36	-0.98	-0.35	18.46	-3296.65	-3288.16	9.97	-167.56
16	22	1455	-0.98	-12.49	-12.48	-0.99	-0.25	22.52	-3420.15	-3404.31	6.68	-232.98
16	22	1456	-0.98	-9.22	-9.22	-0.99	-0.12	29.42	-3296.96	-3270.82	3.28	-293.68
16	22	1457	-0.99	-4.67	-4.67	-0.99	3.85e-02	41.14	-2925.83	-2884.84	0.14	-346.35
16	22	1458	1.33	-1.07	1.30	-1.05	0.24	62.43	-2295.31	-2231.00	-1.88	-384.04
16	22	1459	11.43	-1.46	11.35	-1.39	0.96	107.95	-1346.22	-1239.43	1.16	-379.33
16	22	1460	52.75	-10.10	51.07	-8.42	10.14	527.02	-157.75	466.61	-97.33	-194.22
16	22	1461	0.92	-1.28	-1.25	0.90	0.23	187.18	-11.45	-7.62	183.35	27.30
16	22	1462	0.89	-0.63	0.79	-0.53	-0.39	33.65	-172.13	-25.55	-112.93	-93.16

16	22	1463	9.48	-3.07	5.28	1.13	-5.92	178.22	-411.53	-408.66	175.35	41.04
16	22	1464	10.54	-2.35	9.36	-1.18	-3.71	132.18	-1277.11	-1276.11	131.17	-37.70
16	22	1465	10.63	-0.54	10.52	-0.43	-1.10	83.97	-2104.46	-2093.62	73.14	-153.60
16	22	1466	10.97	-2.74e-02	10.97	-2.53e-02	0.15	55.41	-2724.24	-2702.90	34.08	-242.58
16	22	1467	10.82	-1.43e-02	10.73	7.66e-02	0.99	44.55	-3105.21	-3074.87	14.21	-307.65
16	22	1468	10.08	-0.20	9.76	0.11	1.76	44.16	-3242.51	-3203.11	4.76	-357.71
16	22	1469	8.84	-0.60	8.10	0.14	2.55	50.54	-3136.29	-3085.88	0.13	-397.62
16	22	1470	7.31	-1.35	5.76	0.20	3.32	63.18	-2789.85	-2723.87	-2.79	-428.81
16	22	1471	5.59	-2.26	2.80	0.53	3.76	82.50	-2215.23	-2124.49	-8.24	-447.51
16	22	1472	3.15	-2.11	-0.55	1.59	2.41	102.69	-1455.77	-1325.45	-27.63	-431.41
16	22	1473	1.71	-2.64	-1.95	1.01	-1.59	105.40	-659.50	-487.95	-66.16	-319.04
16	22	1474	91.16	67.31	70.02	88.46	-7.56	1384.39	-4957.40	-3194.92	-378.09	2840.94
16	22	1475	8.04	-8.03	-7.63	7.64	2.50	806.55	-315.89	-291.58	782.24	163.38
16	22	1476	6.19	-1.08	2.07	3.03	-3.61	176.18	-121.17	-106.32	161.32	64.77
16	22	1477	10.57	-3.34	7.99	-0.77	-5.40	156.64	-826.29	-826.07	156.41	14.81
16	22	1478	10.48	-1.26	10.06	-0.84	-2.17	106.41	-1711.96	-1706.68	101.13	-97.82
16	22	1479	10.84	-0.18	10.83	-0.17	-0.37	66.99	-2443.41	-2427.09	50.68	-201.74
16	22	1480	10.97	1.07e-02	10.94	4.24e-02	0.59	48.28	-2945.08	-2919.14	22.34	-277.46
16	22	1481	10.52	-8.39e-02	10.33	9.77e-02	1.38	43.37	-3204.37	-3169.62	8.62	-334.16
16	22	1482	9.51	-0.36	9.02	0.13	2.15	46.59	-3219.73	-3175.20	2.06	-378.77
16	22	1483	8.10	-0.93	7.01	0.16	2.94	56.03	-2992.68	-2935.29	-1.36	-414.35
16	22	1484	6.49	-1.83	4.35	0.30	3.63	72.07	-2529.57	-2452.76	-4.74	-440.38
16	22	1485	4.52	-2.41	1.13	0.98	3.46	93.50	-1853.25	-1744.67	-15.08	-446.76
16	22	1486	1.94	-1.87	-1.81	1.88	0.46	106.50	-1045.31	-892.26	-46.54	-390.96
16	22	1487	0.84	-2.62	-0.93	-0.84	-1.73	126.10	-383.73	-153.71	-103.92	-253.69
16	22	1488	2.10	-5.11	1.69	-4.71	-1.66	160.27	-546.93	-413.00	26.34	-277.09
16	22	1489	-56.42	-102.71	-71.93	-87.20	-21.85	80.43	-4807.96	-3750.26	-977.27	-2012.89
16	22	1490	151.32	50.95	136.22	66.05	35.88	2124.98	-2353.45	2063.60	-2292.07	-520.69
16	22	1491	23.05	-2.59	22.75	-2.29	2.75	158.59	-688.84	-533.62	3.37	-327.79
16	22	1492	5.38	-1.17	5.35	-1.14	0.45	80.27	-1869.00	-1787.21	-1.51	-390.81
16	22	1493	-0.99	-1.92	-1.90	-1.01	0.13	50.08	-2644.67	-2593.47	-1.13	-367.90
16	22	1494	-0.99	-7.10	-7.10	-0.99	-4.21e-02	34.48	-3142.69	-3109.86	1.65	-321.28
16	22	1495	-0.98	-11.02	-11.02	-0.99	-0.19	25.53	-3389.36	-3368.81	4.97	-264.12
16	22	1496	-0.98	-13.61	-13.60	-0.99	-0.30	20.21	-3389.33	-3377.48	8.37	-200.64
16	22	1497	-0.97	-14.77	-14.76	-0.98	-0.39	17.16	-3141.60	-3135.86	11.43	-134.48
16	22	1498	-0.94	-14.57	-14.56	-0.95	-0.43	15.45	-2638.82	-2636.76	13.38	-74.00
16	22	1499	-0.83	-13.97	-13.96	-0.84	-0.34	13.74	-1849.60	-1848.45	12.60	-46.16
16	22	1500	-0.53	-19.89	-19.82	-0.60	1.13	28.89	-668.43	-628.41	-11.13	-162.20
16	22	1501	-13.30	-93.55	-83.17	-23.69	26.94	1021.53	-5112.24	969.01	-5059.72	565.15
16	22	1502	21.46	-4.19	3.89	13.37	-11.92	775.52	140.83	142.81	773.54	-35.41
16	22	1503	42.89	-9.18	40.73	-7.01	-10.40	4802.10	415.74	1289.35	3928.48	-1751.80
16	22	1504	16.84	-7.43	10.75	-1.34	-10.52	683.24	-314.44	-312.24	681.04	46.84
16	22	1505	12.14	-12.51	11.18	-11.54	4.79	1408.65	-185.66	-35.60	1258.59	-465.53
16	22	1506	10.51	-6.37	8.65	-4.51	-5.29	492.78	-844.21	-843.48	492.05	31.24
16	22	1507	1.04	-7.62	-0.63	-5.95	3.41	643.16	-794.79	-760.60	608.97	-219.06
16	22	1508	6.43	-4.35	5.66	-3.58	-2.77	334.68	-1340.19	-1340.01	334.49	-17.58
16	22	1509	-2.35	-4.54	-3.85	-3.03	1.01	347.58	-1346.83	-1338.59	339.34	-117.88
16	22	1510	4.32	-2.66	3.87	-2.21	-1.73	224.19	-1784.43	-1782.28	222.04	-65.63
16	22	1511	-1.76	-4.92	-4.91	-1.78	-0.21	208.71	-1825.95	-1822.18	204.95	-87.46
16	22	1512	3.31	-1.54	3.03	-1.27	-1.12	152.55	-2173.76	-2168.46	147.25	-110.94
16	22	1513	-1.14	-5.48	-5.40	-1.22	-0.59	136.11	-2233.75	-2229.84	132.20	-96.18
16	22	1514	2.80	-0.85	2.70	-0.75	-0.60	107.88	-2506.63	-2497.50	98.75	-154.24
16	22	1515	-0.90	-5.73	-5.67	-0.96	-0.53	96.41	-2575.57	-2569.58	90.42	-126.37
16	22	1516	2.59	-0.50	2.59	-0.50	-7.85e-02	80.92	-2781.70	-2768.23	67.45	-195.93
16	22	1517	-0.83	-5.80	-5.79	-0.84	-0.24	74.86	-2854.69	-2845.00	65.17	-168.21
16	22	1518	2.62	-0.45	2.55	-0.38	0.45	65.45	-2997.95	-2979.63	47.14	-236.14
16	22	1519	-0.78	-5.75	-5.75	-0.79	0.13	64.10	-3072.67	-3057.70	49.13	-216.17
16	22	1520	2.84	-0.63	2.54	-0.33	0.97	57.50	-3154.64	-3130.94	33.81	-274.86
16	22	1521	-0.70	-5.61	-5.55	-0.76	0.54	60.26	-3230.18	-3208.36	38.44	-267.09
16	22	1522	3.18	-0.95	2.53	-0.30	1.51	54.66	-3251.34	-3221.62	24.94	-312.06
16	22	1523	-0.54	-5.38	-5.18	-0.74	0.96	61.28	-3327.54	-3297.22	30.96	-319.10
16	22	1524	3.58	-1.35	2.51	-0.28	2.04	55.53	-3287.85	-3251.29	18.97	-347.71
16	22	1525	-0.29	-5.08	-4.64	-0.72	1.38	66.13	-3364.96	-3324.35	25.51	-371.07
16	22	1526	4.03	-1.80	2.50	-0.27	2.57	59.42	-3264.14	-3219.70	14.98	-381.74
16	22	1527	9.07e-02	-4.73	-3.93	-0.71	1.80	74.49	-3342.67	-3289.67	21.49	-422.26
16	22	1528	4.51	-2.28	2.49	-0.25	3.11	66.16	-3180.37	-3126.66	12.45	-414.11
16	22	1529	0.63	-4.37	-3.04	-0.70	2.21	86.62	-3260.99	-3193.03	18.66	-472.09
16	22	1530	5.03	-2.75	2.50	-0.23	3.64	76.07	-3036.92	-2972.05	11.19	-444.68
16	22	1531	1.38	-4.03	-1.96	-0.69	2.63	103.33	-3120.28	-3034.10	17.15	-519.97
16	22	1532	5.57	-3.20	2.52	-0.15	4.18	89.98	-2834.48	-2755.79	11.29	-473.21
16	22	1533	2.40	-3.73	-0.69	-0.65	3.07	126.19	-2920.94	-2812.28	17.53	-565.06
16	22	1534	6.16	-3.58	2.51	6.46e-02	4.71	109.36	-2574.20	-2477.90	13.07	-499.15
16	22	1535	3.76	-3.51	0.79	-0.54	3.57	157.89	-2663.11	-2526.32	21.10	-605.94
16	22	1536	6.77	-3.83	2.33	0.61	5.23	136.54	-2257.89	-2138.48	17.12	-521.23
16	22	1537	5.62	-3.38	2.47	-0.24	4.29	202.86	-2345.99	-2173.69	30.56	-639.90
16	22	1538	7.36	-3.88	1.68	1.80	5.62	174.65	-1888.59	-1738.08	24.13	-536.56
16	22	1539	8.27	-3.42	4.32	0.53	5.53	268.35	-1966.00	-1749.09	51.44	-661.52

16	22	1540	7.82	-3.90	-0.10	4.02	5.49	226.69	-1471.68	-1279.19	34.20	-538.39
16	22	1541	12.36	-3.89	5.98	2.49	7.94	366.15	-1511.94	-1241.38	95.59	-659.50
16	22	1542	8.14	-4.81	-3.76	7.09	3.54	290.57	-1018.80	-774.10	45.86	-510.42
16	22	1543	19.11	-5.80	5.66	7.65	12.41	515.00	-951.07	-626.98	190.90	-608.36
16	22	1544	7.61	-7.82	-7.43	7.22	-2.42	341.08	-555.31	-282.30	68.07	-412.54
16	22	1545	31.46	-14.17	-5.15	22.44	18.17	741.08	-166.17	144.23	430.68	-430.42
16	22	1546	1.52	-10.54	-4.22	-4.80	-6.03	345.44	-112.86	105.90	126.68	-228.92
16	22	1547	24.94	-43.61	-43.47	24.80	-3.02	2078.28	688.33	1058.99	1707.62	614.66
16	22	1646	-8.71e-02	-0.85	-0.51	-0.43	0.38	15.07	-23.42	14.90	-23.25	2.57
16	22	1647	0.59	0.35	0.36	0.58	4.33e-02	14.37	-8.40	13.17	-7.20	-5.08
16	22	1648	3.81	7.12e-02	3.79	8.87e-02	-0.26	-17.41	-417.66	-416.23	-18.84	-23.86
16	22	1649	13.96	0.32	13.96	0.32	1.81e-02	-3.19	-1234.04	-1228.87	-8.36	-79.60
16	22	1650	19.02	0.25	19.01	0.26	0.45	5.48	-2055.68	-2046.27	-3.93	-138.96
16	22	1651	20.30	0.20	20.28	0.22	0.58	9.13	-2682.36	-2670.08	-3.15	-181.39
16	22	1652	19.81	0.20	19.79	0.22	0.60	10.57	-3068.17	-3054.22	-3.38	-206.76
16	22	1653	17.95	0.20	17.93	0.22	0.59	11.37	-3207.01	-3191.92	-3.71	-219.82
16	22	1654	14.68	0.20	14.66	0.22	0.54	12.17	-3099.08	-3082.93	-3.98	-223.59
16	22	1655	9.91	0.19	9.88	0.21	0.46	13.30	-2747.04	-2729.52	-4.22	-219.16
16	22	1656	3.75	0.14	3.72	0.17	0.33	14.84	-2162.96	-2143.46	-4.66	-205.14
16	22	1657	-8.74e-04	-1.93	-1.93	-1.10e-03	2.07e-02	16.41	-1397.73	-1375.95	-5.37	-174.14
16	22	1658	-2.15e-02	-2.13	-2.10	-5.77e-02	-0.27	16.57	-606.57	-585.23	-4.77	-113.31
16	22	1659	0.33	-0.32	0.21	-0.19	0.25	-27.68	-128.58	-128.58	-27.68	-0.61
16	22	1660	9.20	0.29	9.19	0.30	-0.24	-9.25	-802.92	-799.84	-12.34	-49.39
16	22	1661	17.17	0.29	17.17	0.29	0.28	1.91	-1662.29	-1654.89	-5.48	-110.69
16	22	1662	19.95	0.22	19.94	0.23	0.54	7.75	-2398.01	-2386.97	-3.29	-162.58
16	22	1663	20.23	0.20	20.22	0.22	0.60	10.00	-2906.04	-2892.83	-3.22	-195.89
16	22	1664	19.05	0.20	19.03	0.22	0.60	11.00	-3168.49	-3153.94	-3.55	-214.59
16	22	1665	16.50	0.20	16.48	0.22	0.57	11.75	-3183.81	-3168.20	-3.85	-222.75
16	22	1666	12.49	0.20	12.47	0.22	0.50	12.68	-2953.21	-2936.43	-4.09	-222.41
16	22	1667	6.95	0.18	6.93	0.20	0.40	14.03	-2482.36	-2463.94	-4.39	-213.61
16	22	1668	0.64	2.41e-02	0.56	0.10	0.20	15.66	-1796.53	-1775.83	-5.04	-192.58
16	22	1669	-9.04e-02	-2.94	-2.93	-0.10	-0.19	17.09	-990.94	-968.73	-5.12	-147.96
16	22	1670	0.17	-0.52	-0.52	0.17	-3.71e-02	9.71	-258.77	-237.03	-12.02	-73.23
16	36	48	77.57	-92.59	-90.95	75.93	-16.63	3.295e+04	2562.01	1.202e+04	2.349e+04	-1.407e+04
16	36	50	150.64	-66.19	147.12	-62.66	27.41	2.232e+04	3027.81	1.337e+04	1.198e+04	9623.38
16	36	1450	-0.76	-28.49	-27.41	-1.83	5.36	346.58	-363.90	219.94	-237.27	-271.91
16	36	1451	-0.52	-11.32	-11.32	-0.52	-4.26e-02	10.05	-978.57	-975.47	6.95	-55.24
16	36	1452	-0.67	-10.75	-10.74	-0.68	-0.31	10.85	-1701.22	-1700.25	9.88	-40.63
16	36	1453	-0.71	-11.27	-11.26	-0.72	-0.31	12.02	-2178.14	-2175.41	9.29	-77.23
16	36	1454	-0.72	-10.94	-10.94	-0.73	-0.27	13.71	-2457.01	-2450.65	7.36	-125.17
16	36	1455	-0.73	-9.54	-9.53	-0.73	-0.19	16.71	-2549.22	-2537.44	4.93	-173.48
16	36	1456	-0.73	-7.09	-7.08	-0.73	-9.33e-02	21.79	-2457.30	-2437.94	2.42	-218.26
16	36	1457	-0.73	-3.66	-3.66	-0.73	2.42e-02	30.39	-2180.32	-2150.03	0.10	-256.98
16	36	1458	0.85	-0.79	0.83	-0.77	0.18	45.96	-1709.60	-1662.27	-1.38	-284.36
16	36	1459	8.45	-1.09	8.39	-1.03	0.72	78.95	-1000.58	-922.54	0.92	-279.56
16	36	1460	39.61	-7.60	38.34	-6.33	7.65	390.72	-115.83	349.44	-74.55	-138.58
16	36	1461	0.71	-0.94	-0.92	0.69	0.18	141.54	-8.37	-5.67	138.84	19.94
16	36	1462	0.68	-0.45	0.60	-0.37	-0.29	25.58	-126.08	-18.94	-81.56	-69.07
16	36	1463	7.09	-2.30	3.95	0.85	-4.43	134.05	-305.67	-303.74	132.12	29.05
16	36	1464	7.89	-1.76	7.00	-0.88	-2.79	99.13	-951.97	-951.11	98.27	-30.04
16	36	1465	7.96	-0.41	7.88	-0.32	-0.84	62.66	-1569.67	-1561.33	54.33	-116.36
16	36	1466	8.23	-1.66e-02	8.23	-1.53e-02	0.10	41.01	-2032.25	-2016.12	24.87	-182.16
16	36	1467	8.12	-5.66e-03	8.05	6.13e-02	0.73	32.67	-2316.54	-2293.82	9.95	-229.92
16	36	1468	7.57	-0.14	7.33	8.98e-02	1.32	32.22	-2418.96	-2389.66	2.91	-266.41
16	36	1469	6.64	-0.45	6.08	0.11	1.91	36.83	-2339.63	-2302.35	-0.45	-295.33
16	36	1470	5.49	-1.01	4.32	0.16	2.50	46.17	-2080.98	-2032.39	-2.43	-317.82
16	36	1471	4.21	-1.70	2.10	0.41	2.83	60.60	-1651.94	-1585.28	-6.06	-331.23
16	36	1472	2.37	-1.60	-0.42	1.20	1.81	75.97	-1084.73	-989.03	-19.74	-319.26
16	36	1473	1.28	-1.98	-1.47	0.76	-1.19	78.68	-489.87	-363.72	-47.48	-236.24
16	36	1474	67.76	49.97	51.96	65.77	-5.60	1042.89	-3710.88	-2388.45	-279.53	2130.19
16	36	1475	6.08	-5.94	-5.64	5.79	1.86	607.44	-235.52	-217.68	589.61	121.29
16	36	1476	4.64	-0.82	1.55	2.28	-2.70	132.53	-89.10	-78.63	122.06	47.03
16	36	1477	7.91	-2.50	5.97	-0.57	-4.05	117.66	-615.31	-615.19	117.54	9.27
16	36	1478	7.85	-0.94	7.53	-0.62	-1.64	79.65	-1276.66	-1272.51	75.50	-74.89
16	36	1479	8.13	-0.13	8.12	-0.12	-0.29	49.80	-1822.67	-1810.24	37.38	-152.02
16	36	1480	8.23	1.27e-02	8.21	3.55e-02	0.43	35.56	-2197.06	-2177.55	16.05	-207.80
16	36	1481	7.89	-5.78e-02	7.76	7.73e-02	1.03	31.71	-2390.52	-2364.59	5.77	-249.28
16	36	1482	7.14	-0.27	6.77	0.10	1.61	33.96	-2401.94	-2368.91	0.93	-281.69
16	36	1483	6.08	-0.69	5.26	0.13	2.21	40.87	-2232.41	-2190.06	-1.48	-307.40
16	36	1484	4.88	-1.38	3.27	0.23	2.73	52.79	-1886.65	-1830.16	-3.70	-326.14
16	36	1485	3.40	-1.81	0.85	0.74	2.61	68.91	-1381.62	-1301.88	-10.82	-330.60
16	36	1486	1.46	-1.41	-1.37	1.42	0.35	79.13	-778.10	-665.64	-33.34	-289.41
16	36	1487	0.63	-1.96	-0.70	-0.63	-1.29	94.20	-283.87	-114.36	-75.31	-188.03
16	36	1488	1.63	-3.76	1.33	-3.46	-1.23	125.41	-405.48	-307.43	27.37	-206.00
16	36	1489	-42.65	-77.44	-54.31	-65.78	-16.42	73.47	-3592.16	-2794.16	-724.53	-1512.74
16	36	1490	113.88	38.36	102.49	49.75	27.02	1577.21	-1786.41	1532.11	-1741.32	-386.85
16	36	1491	17.21	-1.94	16.98	-1.71	2.07	115.10	-508.69	-396.08	2.49	-239.92

16	36	1492	3.89	-0.87	3.87	-0.85	0.33	58.94	-1391.23	-1331.19	-1.09	-288.88
16	36	1493	-0.73	-1.59	-1.58	-0.74	9.14e-02	36.93	-1970.45	-1932.68	-0.83	-272.73
16	36	1494	-0.73	-5.49	-5.49	-0.73	-3.65e-02	25.50	-2342.18	-2317.89	1.21	-238.58
16	36	1495	-0.73	-8.44	-8.44	-0.73	-0.15	18.93	-2526.26	-2511.00	3.67	-196.46
16	36	1496	-0.72	-10.37	-10.37	-0.73	-0.23	15.01	-2526.19	-2517.36	6.17	-149.60
16	36	1497	-0.72	-11.24	-11.23	-0.73	-0.29	12.74	-2341.26	-2336.94	8.42	-100.75
16	36	1498	-0.70	-11.07	-11.06	-0.71	-0.32	11.44	-1965.95	-1964.35	9.84	-56.21
16	36	1499	-0.61	-10.60	-10.59	-0.62	-0.26	10.13	-1376.78	-1375.83	9.19	-36.26
16	36	1500	-0.40	-14.95	-14.90	-0.45	0.83	23.03	-496.59	-464.80	-8.75	-124.52
16	36	1501	-9.70	-69.47	-61.76	-17.41	20.04	762.62	-3840.70	723.97	-3802.04	420.03
16	36	1502	15.99	-3.14	2.88	9.97	-8.89	584.08	106.26	108.05	582.29	-29.19
16	36	1503	31.81	-6.76	30.18	-5.12	-7.77	3611.09	308.44	967.49	2952.04	-1319.95
16	36	1504	12.54	-5.54	7.97	-0.97	-7.86	513.69	-232.92	-231.52	512.30	32.25
16	36	1505	8.93	-9.22	8.23	-8.52	3.50	1061.60	-140.23	-24.13	945.50	-355.05
16	36	1506	7.82	-4.76	6.41	-3.34	-3.97	370.05	-628.50	-628.08	369.63	20.50
16	36	1507	0.68	-5.64	-0.55	-4.41	2.50	484.16	-592.42	-565.10	456.83	-169.32
16	36	1508	4.78	-3.25	4.18	-2.65	-2.10	250.96	-998.75	-998.55	250.75	-15.84
16	36	1509	-1.80	-3.41	-2.96	-2.25	0.72	260.80	-1003.17	-996.37	253.99	-92.50
16	36	1510	3.21	-2.00	2.85	-1.64	-1.32	167.73	-1330.29	-1328.52	165.96	-51.42
16	36	1511	-1.31	-3.77	-3.76	-1.32	-0.18	156.02	-1360.37	-1357.24	152.89	-68.80
16	36	1512	2.45	-1.16	2.23	-0.94	-0.86	113.75	-1620.82	-1616.65	109.59	-84.85
16	36	1513	-0.84	-4.20	-4.13	-0.90	-0.46	101.33	-1664.62	-1661.47	98.18	-74.51
16	36	1514	2.06	-0.64	1.98	-0.56	-0.46	80.07	-1869.20	-1862.19	73.05	-116.75
16	36	1515	-0.67	-4.39	-4.34	-0.71	-0.41	71.44	-1919.72	-1915.04	66.77	-96.36
16	36	1516	1.90	-0.37	1.89	-0.37	-7.40e-02	59.72	-2074.47	-2064.23	49.49	-147.43
16	36	1517	-0.61	-4.44	-4.43	-0.62	-0.20	55.20	-2128.03	-2120.62	47.79	-126.99
16	36	1518	1.91	-0.33	1.87	-0.28	0.32	48.01	-2235.82	-2222.02	34.21	-176.99
16	36	1519	-0.58	-4.41	-4.41	-0.58	8.53e-02	47.07	-2290.71	-2279.40	35.76	-162.22
16	36	1520	2.08	-0.46	1.86	-0.24	0.72	41.97	-2352.74	-2334.98	24.21	-205.44
16	36	1521	-0.52	-4.31	-4.27	-0.56	0.39	44.13	-2408.25	-2391.88	27.76	-199.69
16	36	1522	2.34	-0.71	1.85	-0.22	1.12	39.75	-2424.89	-2402.70	17.57	-232.76
16	36	1523	-0.41	-4.13	-3.99	-0.55	0.71	44.80	-2480.88	-2458.26	22.18	-237.98
16	36	1524	2.65	-1.02	1.83	-0.20	1.52	40.33	-2452.11	-2424.92	13.13	-258.91
16	36	1525	-0.22	-3.90	-3.59	-0.54	1.03	48.34	-2508.77	-2478.57	18.13	-276.26
16	36	1526	2.99	-1.36	1.82	-0.19	1.93	43.16	-2434.39	-2401.42	10.19	-283.86
16	36	1527	5.55e-02	-3.64	-3.05	-0.53	1.34	54.48	-2492.09	-2452.78	15.17	-313.94
16	36	1528	3.36	-1.72	1.82	-0.18	2.33	48.13	-2371.83	-2332.09	8.38	-307.57
16	36	1529	0.45	-3.35	-2.38	-0.52	1.66	63.42	-2431.04	-2380.75	13.12	-350.60
16	36	1530	3.74	-2.08	1.83	-0.16	2.74	55.47	-2264.73	-2216.83	7.57	-329.94
16	36	1531	1.01	-3.08	-1.57	-0.50	1.97	75.75	-2325.91	-2262.25	12.09	-385.79
16	36	1532	4.16	-2.42	1.84	-0.11	3.14	65.83	-2113.59	-2055.58	7.82	-350.79
16	36	1533	1.76	-2.85	-0.62	-0.48	2.30	92.64	-2176.97	-2096.84	12.51	-418.86
16	36	1534	4.60	-2.71	1.83	5.61e-02	3.55	80.32	-1919.25	-1848.37	9.44	-369.72
16	36	1535	2.77	-2.67	0.49	-0.39	2.68	116.10	-1984.30	-1883.60	15.40	-448.74
16	36	1536	5.06	-2.90	1.70	0.46	3.93	100.68	-1683.05	-1595.29	12.92	-385.81
16	36	1537	4.16	-2.57	1.76	-0.17	3.23	149.41	-1747.25	-1620.65	22.82	-473.37
16	36	1538	5.51	-2.95	1.21	1.36	4.23	129.33	-1407.22	-1296.74	18.85	-396.93
16	36	1539	6.16	-2.60	3.15	0.41	4.16	197.98	-1463.05	-1304.07	39.00	-488.67
16	36	1540	5.87	-2.97	-0.13	3.03	4.13	168.57	-1095.72	-954.58	27.43	-398.14
16	36	1541	9.25	-2.96	4.40	1.89	5.97	270.60	-1123.17	-925.58	73.01	-486.15
16	36	1542	6.13	-3.67	-2.88	5.34	2.66	216.93	-757.12	-577.88	37.70	-377.44
16	36	1543	14.35	-4.41	4.15	5.78	9.35	381.28	-702.78	-467.70	146.20	-446.74
16	36	1544	5.73	-5.93	-5.63	5.44	-1.83	255.68	-410.14	-210.65	56.19	-305.00
16	36	1545	23.68	-10.76	-4.01	16.93	13.67	550.20	-113.35	106.94	329.90	-312.48
16	36	1546	1.14	-7.97	-3.20	-3.62	-4.55	259.20	-78.55	79.70	100.95	-168.54
16	36	1547	18.79	-32.96	-32.86	18.69	-2.30	1580.21	511.45	792.74	1298.91	470.64
16	36	1646	-6.15e-02	-0.64	-0.38	-0.32	0.29	11.24	-17.60	11.11	-17.47	1.96
16	36	1647	0.44	0.26	0.27	0.43	3.09e-02	10.75	-6.41	9.87	-5.52	-3.80
16	36	1648	2.87	5.58e-02	2.85	6.90e-02	-0.19	-13.05	-310.55	-309.41	-14.19	-18.37
16	36	1649	10.48	0.25	10.48	0.25	1.36e-02	-2.32	-919.89	-915.92	-6.29	-60.20
16	36	1650	14.29	0.19	14.28	0.20	0.34	4.20	-1533.36	-1526.23	-2.93	-104.47
16	36	1651	15.28	0.16	15.26	0.17	0.43	6.92	-2001.21	-1991.97	-2.32	-135.89
16	36	1652	14.92	0.15	14.91	0.16	0.45	7.97	-2289.22	-2278.78	-2.46	-154.47
16	36	1653	13.54	0.15	13.52	0.17	0.44	8.53	-2392.90	-2381.67	-2.69	-163.81
16	36	1654	11.09	0.15	11.07	0.17	0.41	9.09	-2312.42	-2300.45	-2.87	-166.22
16	36	1655	7.49	0.15	7.48	0.16	0.35	9.88	-2049.75	-2036.84	-3.03	-162.56
16	36	1656	2.86	0.11	2.84	0.13	0.25	10.95	-1613.82	-1599.50	-3.37	-151.86
16	36	1657	2.07e-03	-1.41	-1.41	1.87e-03	1.70e-02	12.01	-1042.48	-1026.51	-3.95	-128.76
16	36	1658	-1.36e-02	-1.58	-1.56	-4.05e-02	-0.20	12.01	-451.66	-436.01	-3.64	-83.74
16	36	1659	0.25	-0.23	0.16	-0.14	0.19	-20.79	-95.26	-95.25	-20.80	-0.79
16	36	1660	6.90	0.22	6.90	0.22	-0.18	-6.90	-598.02	-595.62	-9.30	-37.57
16	36	1661	12.90	0.22	12.89	0.22	0.21	1.52	-1239.65	-1234.01	-4.12	-83.43
16	36	1662	15.00	0.17	14.99	0.18	0.40	5.89	-1788.94	-1780.61	-2.44	-122.00
16	36	1663	15.23	0.15	15.22	0.17	0.45	7.55	-2168.19	-2158.27	-2.36	-146.54
16	36	1664	14.36	0.15	14.35	0.17	0.45	8.27	-2364.12	-2353.26	-2.58	-160.11
16	36	1665	12.45	0.15	12.43	0.17	0.43	8.80	-2375.61	-2364.03	-2.79	-165.80
16	36	1666	9.44	0.15	9.42	0.17	0.38	9.45	-2203.59	-2191.19	-2.94	-165.15

16	36	1667	5.27	0.14	5.26	0.15	0.31	10.39	-1852.22	-1838.67	-3.16	-158.28
16	36	1668	0.52	2.45e-02	0.46	7.98e-02	0.16	11.51	-1340.27	-1325.08	-3.67	-142.47
16	36	1669	-6.54e-02	-2.18	-2.17	-7.45e-02	-0.14	12.45	-738.66	-722.38	-3.82	-109.37
16	36	1670	0.13	-0.39	-0.39	0.13	-2.51e-02	6.90	-192.33	-176.32	-9.11	-54.17
16	37	48	71.63	-82.42	-80.54	69.75	-16.92	2.876e+04	2207.71	1.042e+04	2.054e+04	-1.227e+04
16	37	50	134.64	-57.01	130.89	-53.26	26.53	1.915e+04	2585.60	1.179e+04	9939.47	8228.91
16	37	1450	-0.87	-25.33	-24.27	-1.93	4.98	289.53	-320.30	177.00	-207.77	-236.56
16	37	1451	-0.49	-9.94	-9.94	-0.49	-3.07e-02	8.93	-869.61	-866.88	6.20	-48.93
16	37	1452	-0.62	-9.65	-9.64	-0.63	-0.29	9.63	-1502.30	-1501.38	8.71	-37.31
16	37	1453	-0.66	-10.30	-10.29	-0.67	-0.29	10.71	-1920.07	-1917.50	8.15	-70.36
16	37	1454	-0.67	-10.13	-10.12	-0.67	-0.25	12.31	-2164.25	-2158.34	6.39	-113.31
16	37	1455	-0.67	-8.92	-8.92	-0.68	-0.18	15.12	-2244.72	-2233.81	4.22	-156.60
16	37	1456	-0.67	-6.70	-6.70	-0.68	-9.11e-02	19.86	-2163.69	-2145.80	1.97	-196.86
16	37	1457	-0.68	-3.54	-3.54	-0.68	1.91e-02	27.92	-1920.45	-1892.43	-0.11	-231.99
16	37	1458	0.66	-0.73	0.64	-0.71	0.16	42.63	-1507.72	-1463.64	-1.45	-257.68
16	37	1459	7.63	-1.00	7.58	-0.95	0.64	74.68	-887.74	-813.56	0.50	-256.69
16	37	1460	35.18	-7.01	34.13	-5.96	6.57	354.41	-107.57	306.61	-59.78	-140.70
16	37	1461	0.63	-0.90	-0.87	0.60	0.18	123.68	-7.03	-4.53	121.18	17.90
16	37	1462	0.57	-0.42	0.48	-0.33	-0.29	20.98	-118.46	-17.03	-80.45	-62.10
16	37	1463	6.60	-2.09	3.67	0.84	-4.11	118.12	-271.87	-270.13	116.38	26.02
16	37	1464	7.47	-1.65	6.60	-0.78	-2.68	88.02	-840.39	-839.55	87.18	-27.81
16	37	1465	7.62	-0.39	7.53	-0.29	-0.88	56.43	-1382.57	-1374.83	48.68	-105.29
16	37	1466	7.93	-1.10e-02	7.93	-1.09e-02	1.14e-02	37.79	-1788.29	-1773.32	22.82	-164.67
16	37	1467	7.89	1.21e-02	7.84	6.16e-02	0.62	30.83	-2037.48	-2016.30	9.65	-208.22
16	37	1468	7.41	-0.10	7.22	8.99e-02	1.19	30.78	-2127.10	-2099.64	3.32	-241.87
16	37	1469	6.57	-0.37	6.09	0.11	1.76	35.20	-2057.32	-2022.21	9.17e-02	-268.76
16	37	1470	5.48	-0.87	4.46	0.15	2.33	43.70	-1830.40	-1784.48	-2.22	-289.74
16	37	1471	4.24	-1.48	2.38	0.37	2.68	56.35	-1454.38	-1391.39	-6.64	-301.99
16	37	1472	2.45	-1.37	3.87e-04	1.09	1.83	68.95	-957.87	-867.96	-20.96	-290.24
16	37	1473	1.11	-1.47	-1.14	0.78	-0.87	69.17	-437.63	-320.27	-48.19	-213.78
16	37	1474	61.88	46.03	47.55	60.36	-4.68	918.11	-3228.77	-2067.53	-243.12	1862.00
16	37	1475	5.48	-5.72	-5.41	5.18	1.82	531.51	-203.50	-187.66	515.67	106.75
16	37	1476	4.27	-0.71	1.44	2.12	-2.47	116.53	-80.45	-70.77	106.85	42.58
16	37	1477	7.43	-2.31	5.59	-0.47	-3.81	104.04	-544.52	-544.43	103.95	7.65
16	37	1478	7.48	-0.89	7.15	-0.56	-1.63	71.13	-1125.46	-1121.57	67.24	-68.06
16	37	1479	7.81	-0.13	7.79	-0.11	-0.37	45.33	-1604.50	-1592.97	33.81	-137.40
16	37	1480	7.96	2.31e-02	7.95	3.68e-02	0.33	33.19	-1932.77	-1914.63	15.05	-187.99
16	37	1481	7.70	-3.05e-02	7.59	7.74e-02	0.91	30.15	-2102.26	-2078.03	5.92	-226.02
16	37	1482	7.03	-0.21	6.72	0.10	1.47	32.49	-2112.06	-2081.04	1.47	-256.05
16	37	1483	6.04	-0.58	5.33	0.13	2.05	38.91	-1963.22	-1923.26	-1.05	-280.03
16	37	1484	4.89	-1.19	3.47	0.22	2.57	49.57	-1660.04	-1606.63	-3.84	-297.42
16	37	1485	3.46	-1.59	1.20	0.67	2.51	63.36	-1217.67	-1142.49	-11.83	-301.11
16	37	1486	1.43	-1.06	-0.94	1.31	0.54	70.76	-689.69	-584.56	-34.36	-262.47
16	37	1487	0.56	-1.56	-0.56	-0.44	-1.06	82.51	-257.43	-101.33	-73.59	-169.40
16	37	1488	1.19	-3.36	0.81	-2.98	-1.26	92.05	-364.71	-272.57	-8.67e-02	-183.29
16	37	1489	-36.00	-67.30	-46.87	-56.43	-14.90	23.28	-3144.20	-2469.63	-651.29	-1296.78
16	37	1490	101.22	35.14	91.29	45.06	23.60	1414.70	-1477.92	1373.19	-1436.41	-344.02
16	37	1491	15.45	-1.77	15.26	-1.57	1.81	111.71	-460.24	-350.66	2.13	-225.10
16	37	1492	3.48	-0.80	3.46	-0.78	0.30	55.08	-1229.00	-1172.69	-1.23	-262.93
16	37	1493	-0.68	-1.61	-1.60	-0.69	8.22e-02	34.08	-1736.35	-1701.32	-0.95	-246.54
16	37	1494	-0.68	-5.23	-5.23	-0.68	-3.79e-02	23.34	-2062.54	-2040.09	0.89	-215.22
16	37	1495	-0.67	-7.93	-7.93	-0.68	-0.14	17.19	-2224.37	-2210.27	3.09	-177.23
16	37	1496	-0.67	-9.65	-9.65	-0.68	-0.22	13.53	-2224.73	-2216.54	5.33	-135.19
16	37	1497	-0.66	-10.34	-10.33	-0.67	-0.27	11.40	-2062.94	-2058.90	7.36	-91.44
16	37	1498	-0.65	-10.03	-10.03	-0.66	-0.30	10.17	-1734.20	-1732.68	8.65	-51.46
16	37	1499	-0.57	-9.40	-9.39	-0.58	-0.23	9.02	-1218.18	-1217.29	8.13	-32.93
16	37	1500	-0.40	-13.11	-13.06	-0.45	0.78	19.37	-447.31	-420.39	-7.55	-108.81
16	37	1501	-7.69	-61.67	-54.66	-14.70	18.15	642.67	-3361.72	607.84	-3326.89	371.83
16	37	1502	14.90	-2.88	2.68	9.34	-8.24	510.50	89.68	90.77	509.41	-21.44
16	37	1503	29.35	-5.82	27.74	-4.21	-7.35	3148.13	270.01	836.89	2581.24	-1144.65
16	37	1504	11.79	-5.05	7.44	-0.70	-7.37	450.91	-210.65	-209.27	449.53	30.14
16	37	1505	8.58	-8.02	8.09	-7.53	2.80	926.90	-131.63	-32.93	828.20	-307.79
16	37	1506	7.52	-4.37	6.11	-2.95	-3.85	325.45	-558.29	-557.92	325.08	18.06
16	37	1507	0.87	-4.87	-2.17e-03	-4.00	2.06	424.34	-529.28	-505.86	400.92	-147.61
16	37	1508	4.75	-3.02	4.12	-2.39	-2.12	221.38	-883.11	-882.91	221.18	-15.06
16	37	1509	-1.66	-2.69	-2.30	-2.06	0.50	229.67	-889.30	-883.27	223.65	-81.90
16	37	1510	3.31	-1.89	2.91	-1.49	-1.38	148.73	-1173.89	-1172.20	147.04	-47.25
16	37	1511	-1.17	-3.15	-3.11	-1.22	-0.30	138.21	-1202.18	-1199.27	135.30	-62.39
16	37	1512	2.59	-1.12	2.34	-0.87	-0.94	101.67	-1428.67	-1424.74	97.74	-77.47
16	37	1513	-0.74	-3.61	-3.51	-0.84	-0.54	90.48	-1468.76	-1465.75	87.47	-68.48
16	37	1514	2.22	-0.63	2.11	-0.52	-0.56	72.36	-1646.47	-1639.87	65.76	-106.30
16	37	1515	-0.59	-3.83	-3.76	-0.66	-0.47	64.47	-1692.33	-1687.84	59.99	-88.65
16	37	1516	2.04	-0.36	2.03	-0.34	-0.18	54.72	-1826.43	-1816.84	45.12	-134.03
16	37	1517	-0.56	-3.91	-3.88	-0.58	-0.26	50.43	-1874.93	-1867.86	43.36	-116.45
16	37	1518	2.02	-0.28	2.00	-0.26	0.20	44.64	-1967.88	-1954.95	31.71	-160.78
16	37	1519	-0.54	-3.90	-3.90	-0.54	6.65e-03	43.52	-2017.55	-2006.82	32.80	-148.28
16	37	1520	2.14	-0.37	1.99	-0.22	0.59	39.53	-2070.34	-2053.71	22.90	-186.56

16	37	1521	-0.49	-3.83	-3.80	-0.52	0.30	41.17	-2120.60	-2105.16	25.73	-182.05
16	37	1522	2.35	-0.57	1.98	-0.20	0.97	37.78	-2133.53	-2112.76	17.01	-211.34
16	37	1523	-0.39	-3.69	-3.57	-0.51	0.61	42.04	-2184.30	-2163.03	20.77	-216.56
16	37	1524	2.62	-0.85	1.97	-0.19	1.36	38.47	-2157.32	-2131.86	13.01	-235.09
16	37	1525	-0.22	-3.50	-3.22	-0.50	0.91	45.46	-2208.79	-2180.47	17.14	-251.06
16	37	1526	2.94	-1.16	1.95	-0.18	1.75	41.15	-2141.70	-2110.82	10.27	-257.79
16	37	1527	4.44e-02	-3.27	-2.74	-0.49	1.22	51.21	-2194.22	-2157.43	14.41	-285.07
16	37	1528	3.28	-1.49	1.95	-0.16	2.14	45.70	-2086.79	-2049.53	8.44	-279.40
16	37	1529	0.43	-3.04	-2.13	-0.48	1.52	59.47	-2140.82	-2093.79	12.44	-318.23
16	37	1530	3.64	-1.84	1.95	-0.15	2.53	52.31	-1992.83	-1947.89	7.37	-299.82
16	37	1531	0.95	-2.81	-1.39	-0.47	1.82	70.78	-2048.86	-1989.35	11.27	-350.14
16	37	1532	4.03	-2.16	1.97	-9.66e-02	2.92	61.51	-1860.31	-1805.85	7.05	-318.89
16	37	1533	1.66	-2.61	-0.51	-0.44	2.14	86.18	-1918.63	-1843.69	11.24	-380.31
16	37	1534	4.45	-2.45	1.96	4.54e-02	3.31	74.22	-1690.00	-1623.40	7.63	-336.23
16	37	1535	2.62	-2.46	0.52	-0.37	2.50	107.45	-1750.30	-1655.98	13.14	-407.82
16	37	1536	4.89	-2.63	1.85	0.40	3.69	91.90	-1483.13	-1400.60	9.36	-350.97
16	37	1537	3.91	-2.38	1.70	-0.17	3.00	137.51	-1543.44	-1424.54	18.62	-430.96
16	37	1538	5.30	-2.68	1.42	1.20	3.99	116.49	-1241.76	-1137.78	12.52	-361.13
16	37	1539	5.75	-2.40	3.01	0.34	3.85	181.15	-1295.90	-1145.82	31.07	-446.27
16	37	1540	5.59	-2.66	0.25	2.69	3.94	149.82	-969.54	-836.62	16.90	-362.10
16	37	1541	8.54	-2.69	4.21	1.63	5.47	246.10	-1000.73	-812.42	57.79	-446.47
16	37	1542	5.71	-3.11	-2.18	4.79	2.70	190.29	-674.36	-505.38	21.30	-342.86
16	37	1543	13.12	-3.89	4.15	5.08	8.49	344.55	-637.30	-408.69	115.94	-414.97
16	37	1544	5.17	-4.83	-4.68	5.02	-1.23	221.15	-373.20	-183.94	31.90	-276.89
16	37	1545	21.52	-9.22	-2.80	15.10	12.49	492.52	-131.17	98.28	263.08	-300.76
16	37	1546	0.97	-6.42	-2.73	-2.72	-3.69	223.35	-86.42	68.54	68.39	-154.89
16	37	1547	17.04	-28.36	-28.30	16.98	-1.55	1300.73	455.68	690.23	1066.18	378.40
16	37	1646	-4.29e-02	-0.59	-0.36	-0.28	0.27	10.00	-15.47	9.90	-15.37	1.62
16	37	1647	0.39	0.22	0.22	0.39	9.92e-03	9.38	-5.17	8.56	-4.35	-3.35
16	37	1648	2.58	5.47e-02	2.57	6.65e-02	-0.17	-11.51	-275.23	-274.23	-12.51	-16.21
16	37	1649	9.70	0.23	9.70	0.23	8.40e-03	-2.08	-811.45	-807.88	-5.65	-53.61
16	37	1650	13.42	0.18	13.41	0.19	0.31	3.68	-1349.85	-1343.40	-2.77	-93.22
16	37	1651	14.52	0.16	14.50	0.17	0.41	6.12	-1759.97	-1751.57	-2.29	-121.56
16	37	1652	14.33	0.15	14.32	0.16	0.43	7.10	-2012.16	-2002.60	-2.46	-138.63
16	37	1653	13.15	0.15	13.13	0.16	0.42	7.67	-2102.57	-2092.20	-2.70	-147.59
16	37	1654	10.93	0.15	10.92	0.17	0.39	8.26	-2031.39	-2020.23	-2.89	-150.40
16	37	1655	7.63	0.15	7.61	0.16	0.34	9.10	-1800.44	-1788.29	-3.04	-147.73
16	37	1656	3.30	0.11	3.28	0.13	0.25	10.27	-1417.81	-1404.25	-3.29	-138.48
16	37	1657	2.06e-02	-0.82	-0.82	1.86e-02	4.11e-02	11.53	-917.15	-902.02	-3.61	-117.58
16	37	1658	-6.28e-03	-1.34	-1.31	-2.93e-02	-0.17	11.82	-399.81	-385.09	-2.90	-76.44
16	37	1659	0.22	-0.22	0.12	-0.13	0.18	-18.28	-84.80	-84.79	-18.28	-0.63
16	37	1660	6.33	0.21	6.32	0.21	-0.16	-6.11	-528.50	-526.36	-8.25	-33.38
16	37	1661	12.03	0.21	12.02	0.21	0.19	1.31	-1092.18	-1087.10	-3.78	-74.37
16	37	1662	14.17	0.16	14.16	0.17	0.37	5.19	-1573.94	-1566.38	-2.37	-108.99
16	37	1663	14.55	0.15	14.54	0.16	0.42	6.71	-1906.24	-1897.18	-2.35	-131.29
16	37	1664	13.87	0.15	13.85	0.16	0.43	7.40	-2077.60	-2067.62	-2.58	-143.97
16	37	1665	12.17	0.15	12.16	0.16	0.41	7.95	-2087.12	-2076.37	-2.80	-149.69
16	37	1666	9.42	0.15	9.41	0.16	0.37	8.64	-1935.64	-1924.03	-2.96	-149.76
16	37	1667	5.56	0.14	5.55	0.15	0.30	9.65	-1626.99	-1614.20	-3.14	-144.11
16	37	1668	1.05	5.97e-02	1.02	8.85e-02	0.17	10.92	-1177.99	-1163.59	-3.48	-130.04
16	37	1669	-4.58e-02	-1.69	-1.69	-5.22e-02	-0.10	12.08	-651.22	-635.82	-3.31	-99.87
16	37	1670	0.12	-0.36	-0.35	0.12	-3.53e-02	7.28	-171.45	-156.64	-7.52	-49.26

M_G	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		-124.62	-122.43	-87.20	-22.28		-5112.24	-3750.26	-5059.72	-1.875e+04
	200.28		195.54	102.07	36.65	4.390e+04		1.794e+04	3.127e+04	1.279e+04

Macro	Tipo	Angolo 1-X (gradi)
17	Guscio	0.0

M_G	Cmb	Nodo	N max daN/cm	N min daN/cm	N 1 daN/cm	N 2 daN/cm	N 1-2 daN/cm	M max daN	M min daN	M 1 daN	M 2 daN	M 1-2 daN
17	22	52	10.21	-80.57	-46.20	-24.16	-44.03	2.195e+04	4973.52	7782.10	1.915e+04	6308.90
17	22	54	51.76	-33.60	-26.79	44.94	-23.13	5.198e+04	5028.55	2.141e+04	3.560e+04	-2.238e+04
17	22	1548	-13.08	-26.38	-26.37	-13.09	0.30	364.76	-339.94	364.22	-339.41	-19.44
17	22	1549	-1.68	-26.60	-26.47	-1.81	-1.79	84.61	-1576.29	-1547.72	56.04	215.93
17	22	1550	-1.50	-27.48	-27.30	-1.68	-2.18	69.65	-2627.59	-2616.05	58.11	176.04
17	22	1551	-1.51	-29.79	-29.58	-1.72	-2.41	50.28	-3260.84	-3259.22	48.66	73.20
17	22	1552	-1.53	-32.21	-31.99	-1.75	-2.59	36.24	-3588.50	-3588.15	35.88	-35.70
17	22	1553	-1.54	-34.01	-33.79	-1.77	-2.70	27.52	-3640.32	-3635.51	22.71	-132.76
17	22	1554	-1.55	-34.89	-34.66	-1.77	-2.73	23.31	-3419.78	-3407.18	10.70	-207.96

17	22	1555	-1.54	-34.73	-34.51	-1.76	-2.69	22.78	-2912.24	-2890.93	1.47	-249.15
17	22	1556	-1.50	-33.75	-33.54	-1.71	-2.59	24.22	-2069.46	-2043.62	-1.62	-231.18
17	22	1557	-1.21	-33.38	-33.17	-1.42	-2.59	21.51	-747.73	-738.08	11.86	-85.61
17	22	1558	10.15	-43.40	-43.12	9.87	-3.85	1520.00	-181.38	1421.50	-82.87	397.36
17	22	1559	17.61	-12.58	5.56	-0.53	14.79	1184.87	372.14	592.65	964.36	361.38
17	22	1560	14.07	0.44	0.44	14.07	-9.74e-02	395.96	-145.95	-11.50	261.52	234.06
17	22	1561	10.95	-4.47	1.37	5.11	-7.48	681.48	-867.43	-516.28	330.32	648.53
17	22	1562	7.45	-7.00	1.41	-0.96	-7.13	512.66	-1646.45	-1466.12	332.34	597.35
17	22	1563	4.71	-6.85	0.13	-2.28	-5.65	345.60	-2377.51	-2301.01	269.09	449.98
17	22	1564	3.10	-5.89	-0.84	-1.95	-4.46	234.70	-2915.57	-2887.32	206.46	296.96
17	22	1565	2.02	-4.76	-1.29	-1.45	-3.39	172.67	-3225.80	-3218.51	165.37	157.30
17	22	1566	1.06	-3.60	-1.46	-1.08	-2.33	145.50	-3295.84	-3295.50	145.17	34.03
17	22	1567	9.03e-02	-2.50	-1.54	-0.87	-1.25	147.51	-3120.45	-3118.88	145.94	-71.57
17	22	1568	-0.90	-1.59	-1.55	-0.94	-0.16	182.18	-2698.51	-2689.93	173.60	-157.00
17	22	1569	-0.42	-2.49	-1.20	-1.71	1.01	261.41	-2032.23	-2012.10	241.28	-213.92
17	22	1570	1.72	-5.28	0.36	-3.92	2.77	396.93	-1129.91	-1099.83	366.84	-212.21
17	22	1571	7.55	-10.21	3.92	-6.59	7.16	577.74	-58.79	-54.85	573.80	-49.89
17	22	1572	26.77	1.50	1.53	26.74	0.90	1091.19	-503.84	-387.12	974.46	415.39
17	22	1573	31.52	8.25	8.27	31.50	0.67	1720.14	-6514.62	-4301.27	-493.20	3650.68
17	22	1574	29.62	-16.46	-14.39	27.54	9.56	1409.12	-6108.78	1184.75	-5884.41	1279.24
17	22	1575	-2.80	-27.01	-26.93	-2.88	-1.40	54.70	-777.71	-749.22	26.21	151.35
17	22	1576	-1.52	-26.76	-26.59	-1.68	-2.02	79.68	-2168.75	-2148.72	59.65	211.29
17	22	1577	-1.50	-28.56	-28.36	-1.70	-2.30	59.43	-2986.16	-2980.83	54.10	127.29
17	22	1578	-1.52	-31.04	-30.83	-1.74	-2.51	42.55	-3460.12	-3460.03	42.45	18.03
17	22	1579	-1.54	-33.21	-32.99	-1.76	-2.65	31.26	-3648.27	-3646.24	29.23	-86.38
17	22	1580	-1.55	-34.58	-34.35	-1.77	-2.73	24.90	-3564.53	-3556.10	16.47	-173.71
17	22	1581	-1.55	-34.93	-34.71	-1.77	-2.72	22.65	-3203.75	-3186.70	5.60	-233.89
17	22	1582	-1.53	-34.30	-34.09	-1.74	-2.64	23.46	-2538.17	-2513.50	-1.21	-250.17
17	22	1583	-1.43	-33.29	-33.08	-1.63	-2.55	24.16	-1485.10	-1462.74	1.80	-182.34
17	22	1584	-6.06e-02	-35.33	-35.08	-0.31	-2.96	233.68	-15.81	190.75	27.12	94.17
17	22	1585	-57.82	-83.30	-82.54	-58.58	-4.33	2451.08	-2603.60	2449.70	-2602.22	-83.47
17	22	1586	-1.85	-29.26	-13.69	-17.42	13.58	3586.78	320.10	2228.15	1678.73	1610.07
17	22	1587	14.40	-19.16	3.03	-7.79	15.89	2251.49	635.60	1184.61	1702.47	765.33
17	22	1588	12.36	-12.20	5.69	-5.53	10.93	774.58	336.86	384.23	727.21	135.98
17	22	1589	3.99	-7.55	1.93	-5.50	4.41	481.64	-602.22	-577.37	456.80	-162.20
17	22	1590	0.37	-3.62	-0.65	-2.60	1.74	322.15	-1609.40	-1583.03	295.78	-224.15
17	22	1591	-0.90	-1.75	-1.46	-1.19	0.40	215.26	-2395.64	-2381.74	201.35	-190.05
17	22	1592	-0.41	-2.00	-1.56	-0.85	-0.71	160.19	-2940.25	-2935.82	155.76	-117.10
17	22	1593	0.58	-3.04	-1.51	-0.95	-1.79	142.85	-3238.97	-3238.84	142.72	-21.07
17	22	1594	1.54	-4.18	-1.40	-1.24	-2.86	155.30	-3291.28	-3288.74	152.76	93.54
17	22	1595	2.53	-5.33	-1.11	-1.69	-3.92	198.61	-3100.17	-3084.73	183.16	225.17
17	22	1596	3.80	-6.41	-0.43	-2.19	-5.03	283.01	-2673.76	-2626.13	235.38	372.24
17	22	1597	5.91	-7.12	0.79	-1.99	-6.36	423.26	-2031.75	-1912.66	304.17	527.44
17	22	1598	9.29	-6.23	1.74	1.32	-7.76	602.74	-1243.53	-982.36	341.56	643.42
17	22	1599	12.43	-2.08	0.48	9.86	-5.53	774.12	-662.26	-158.01	269.87	685.59
17	22	1600	16.75	-4.04	-1.62	14.33	-6.66	1319.45	-134.75	174.58	1010.11	595.11
17	22	1601	11.21	-5.27	-0.24	6.18	-7.59	1239.22	-647.04	-359.00	951.18	678.49
17	22	1602	6.07	-7.48	-2.17	0.76	-6.61	983.56	-1205.58	-977.35	755.33	668.98
17	22	1603	2.79	-8.62	-4.06	-1.77	-5.58	739.27	-1701.53	-1540.12	577.86	606.56
17	22	1604	0.99	-9.46	-5.93	-2.55	-4.94	554.59	-2132.78	-2021.00	442.81	536.56
17	22	1605	0.15	-10.24	-7.47	-2.62	-4.59	422.28	-2499.54	-2424.15	346.89	463.26
17	22	1606	-0.21	-10.91	-8.67	-2.46	-4.36	328.43	-2803.51	-2754.80	279.72	387.55
17	22	1607	-0.39	-11.45	-9.60	-2.23	-4.12	261.85	-3045.86	-3016.40	232.39	310.76
17	22	1608	-0.51	-11.84	-10.33	-2.01	-3.85	214.80	-3227.07	-3211.05	198.77	234.34
17	22	1609	-0.62	-12.10	-10.91	-1.82	-3.51	182.26	-3347.19	-3339.95	175.03	159.61
17	22	1610	-0.74	-12.28	-11.36	-1.66	-3.13	161.08	-3405.98	-3403.82	158.92	87.72
17	22	1611	-0.86	-12.39	-11.71	-1.53	-2.71	149.53	-3403.11	-3403.00	149.42	19.63
17	22	1612	-0.96	-12.45	-11.98	-1.43	-2.26	146.97	-3338.16	-3337.61	146.42	-43.71
17	22	1613	-1.06	-12.47	-12.17	-1.36	-1.80	153.75	-3210.64	-3207.58	150.69	-101.32
17	22	1614	-1.17	-12.45	-12.28	-1.34	-1.35	171.20	-3019.81	-3012.56	163.95	-151.96
17	22	1615	-1.32	-12.39	-12.31	-1.40	-0.92	201.81	-2764.59	-2751.85	189.07	-193.94
17	22	1616	-1.58	-12.24	-12.21	-1.61	-0.56	249.42	-2443.04	-2424.12	230.51	-224.89
17	22	1617	-2.09	-11.95	-11.94	-2.10	-0.33	319.62	-2051.91	-2027.10	294.81	-241.29
17	22	1618	-3.05	-11.34	-11.33	-3.06	-0.27	419.96	-1585.54	-1556.92	391.34	-237.87
17	22	1619	-4.83	-10.09	-10.07	-4.85	-0.35	559.56	-1034.74	-1007.57	532.38	-206.36
17	22	1620	-7.50	-8.03	-7.54	-7.99	-0.14	746.84	-386.96	-371.53	731.41	-131.34
17	22	1621	-3.44	-12.21	-3.78	-11.86	1.70	999.19	350.00	351.43	997.76	30.40
17	22	1622	4.56	-15.12	2.31	-12.88	6.26	1608.19	798.62	1092.05	1314.76	389.17
17	22	1623	17.67	-5.64	-1.99	14.01	-8.48	5268.78	1136.14	1701.63	4703.28	-1420.28
17	22	1624	10.13	-10.95	-7.78	6.96	-7.53	1620.84	-6.40e-03	15.14	1605.69	155.95
17	22	1625	0.23	-11.85	-10.73	-0.89	-3.51	967.31	-986.47	-886.06	866.90	431.39
17	22	1626	-1.48	-14.21	-13.58	-2.11	-2.77	681.62	-1693.57	-1569.17	557.22	529.14
17	22	1627	-1.68	-16.14	-15.55	-2.27	-2.87	508.81	-2224.03	-2112.90	397.68	539.77
17	22	1628	-1.59	-17.65	-17.02	-2.22	-3.12	391.35	-2635.91	-2550.23	305.67	502.05
17	22	1629	-1.48	-18.88	-18.23	-2.13	-3.30	307.32	-2958.31	-2898.55	247.56	437.71
17	22	1630	-1.40	-19.94	-19.31	-2.03	-3.37	245.77	-3205.52	-3167.72	207.98	359.20
17	22	1631	-1.36	-20.85	-20.26	-1.95	-3.34	200.43	-3384.57	-3363.51	179.38	273.94

17	22	1632	-1.36	-21.62	-21.09	-1.88	-3.22	167.46	-3498.83	-3489.32	157.94	186.56
17	22	1633	-1.37	-22.25	-21.80	-1.82	-3.03	144.49	-3549.78	-3547.06	141.77	100.19
17	22	1634	-1.38	-22.75	-22.38	-1.76	-2.80	130.21	-3537.81	-3537.72	130.13	17.17
17	22	1635	-1.40	-23.10	-22.80	-1.70	-2.53	124.08	-3462.61	-3461.59	123.06	-60.44
17	22	1636	-1.43	-23.31	-23.08	-1.66	-2.24	126.33	-3323.25	-3318.30	121.38	-130.50
17	22	1637	-1.45	-23.39	-23.22	-1.63	-1.94	137.93	-3117.95	-3106.78	126.77	-190.34
17	22	1638	-1.49	-23.35	-23.22	-1.62	-1.67	160.81	-2843.61	-2824.90	142.10	-236.35
17	22	1639	-1.57	-23.23	-23.13	-1.68	-1.48	198.15	-2494.98	-2469.01	172.18	-263.20
17	22	1640	-1.74	-23.08	-22.98	-1.84	-1.45	255.24	-2063.07	-2032.89	225.06	-262.76
17	22	1641	-2.10	-23.01	-22.86	-2.26	-1.78	341.59	-1532.88	-1506.15	314.86	-222.23
17	22	1642	-2.87	-23.24	-22.83	-3.28	-2.85	478.77	-881.93	-871.10	467.94	-120.89
17	22	1643	-4.53	-24.26	-22.66	-6.14	-5.40	746.25	-102.96	-96.16	739.46	75.68
17	22	1644	-7.31	-29.42	-19.57	-17.17	-10.99	1562.79	607.77	887.12	1283.44	434.46
17	22	1645	-5.23	-25.24	-7.42	-23.06	-6.24	4191.10	1296.64	2584.65	2903.09	1438.44
17	22	1683	11.74	0.13	11.59	0.28	1.34	60.13	-90.02	-29.08	-0.82	73.73
17	22	1684	0.13	-0.32	-8.70e-02	-9.96e-02	0.22	27.72	4.12	27.33	4.51	-3.02
17	22	1685	1.57	-5.53e-03	1.57	-3.11e-03	6.18e-02	28.50	-621.76	-612.09	18.83	78.70
17	22	1686	8.75	0.14	8.73	0.15	0.38	25.14	-1348.18	-1343.86	20.82	76.91
17	22	1687	16.65	0.20	16.59	0.26	0.98	20.31	-2049.34	-2048.49	19.46	41.98
17	22	1688	22.83	0.21	22.73	0.31	1.49	16.48	-2617.23	-2617.23	16.48	-3.84
17	22	1689	27.17	0.20	27.04	0.32	1.85	13.70	-2978.85	-2978.21	13.05	-44.07
17	22	1690	30.10	0.19	29.96	0.33	2.08	11.58	-3102.01	-3100.40	9.97	-70.76
17	22	1691	31.97	0.18	31.81	0.34	2.23	9.72	-2977.31	-2975.09	7.49	-81.56
17	22	1692	32.89	0.19	32.73	0.35	2.30	7.79	-2610.02	-2607.80	5.57	-76.21
17	22	1693	32.66	0.22	32.50	0.39	2.30	5.61	-2025.70	-2024.23	4.14	-54.64
17	22	1694	30.32	0.29	30.15	0.45	2.22	3.54	-1292.21	-1291.99	3.33	-16.51
17	22	1695	23.77	0.33	23.60	0.49	1.96	4.79	-556.30	-554.26	2.76	33.74
17	22	1696	0.49	-0.11	-7.00e-02	0.45	0.14	68.63	-207.23	24.76	-163.36	100.89
17	22	1697	5.25	2.40e-02	2.47e-02	5.25	-6.17e-02	145.66	-227.72	20.96	-103.01	176.10
17	22	1710	16.79	-8.66	6.47	1.66	12.50	541.97	121.08	224.21	438.83	181.03
17	22	1711	14.02	-4.24	8.39	1.40	8.44	218.99	-68.12	29.39	121.48	135.97
17	22	1712	18.33	0.27	18.17	0.44	1.71	14.16	-263.15	-250.69	1.70	57.45
17	22	1713	27.72	0.32	27.56	0.49	2.12	3.20	-911.37	-911.30	3.13	7.90
17	22	1714	31.86	0.25	31.70	0.42	2.27	4.49	-1670.71	-1669.86	3.65	-37.60
17	22	1715	32.96	0.20	32.79	0.37	2.31	6.72	-2342.16	-2340.22	4.78	-67.49
17	22	1716	32.55	0.19	32.39	0.35	2.27	8.78	-2823.05	-2820.74	6.46	-80.89
17	22	1717	31.16	0.18	31.01	0.34	2.16	10.64	-3070.65	-3068.66	8.66	-78.18
17	22	1718	28.78	0.19	28.65	0.33	1.98	12.58	-3071.22	-3070.08	11.44	-59.35
17	22	1719	25.20	0.20	25.08	0.32	1.69	14.98	-2826.57	-2826.34	14.76	-25.33
17	22	1720	19.99	0.21	19.91	0.29	1.26	18.25	-2355.67	-2355.52	18.09	19.19
17	22	1721	12.84	0.18	12.81	0.22	0.68	22.65	-1708.94	-1706.70	20.41	62.14
17	22	1722	4.77	6.76e-02	4.77	7.20e-02	0.14	27.42	-982.00	-975.06	20.48	83.44
17	22	1723	0.19	-0.23	-3.03e-02	-1.27e-02	0.21	21.31	-259.54	-247.30	9.08	57.32
17	22	1724	2.87	-0.40	0.94	1.53	-1.61	141.62	-522.87	-252.66	-128.59	326.40
17	22	1725	5.22	-1.38	2.86	0.98	-3.16	117.05	-788.48	-624.50	-46.93	348.71
17	22	1726	7.32	-2.07	5.01	0.25	-4.05	125.05	-1128.91	-1007.50	3.64	370.81
17	22	1727	9.11	-2.18	7.20	-0.28	-4.23	130.98	-1487.96	-1396.67	39.69	373.44
17	22	1728	10.68	-1.90	9.32	-0.54	-3.91	131.15	-1842.01	-1775.30	64.44	356.61
17	22	1729	12.15	-1.47	11.28	-0.60	-3.34	126.30	-2173.26	-2126.33	79.37	325.14
17	22	1730	13.56	-1.05	13.05	-0.54	-2.68	118.24	-2468.09	-2436.32	86.47	284.87
17	22	1731	14.89	-0.70	14.62	-0.43	-2.04	108.76	-2716.83	-2696.16	88.09	240.75
17	22	1732	16.12	-0.44	15.99	-0.31	-1.45	99.24	-2912.99	-2900.15	86.39	196.26
17	22	1733	17.22	-0.25	17.17	-0.20	-0.93	90.55	-3052.41	-3044.89	83.03	153.57
17	22	1734	18.18	-0.12	18.16	-0.11	-0.48	83.17	-3132.50	-3128.46	79.14	113.84
17	22	1735	18.98	-3.01e-02	18.98	-2.98e-02	-7.45e-02	77.28	-3151.79	-3149.92	75.41	77.66
17	22	1736	19.63	3.12e-02	19.63	3.55e-02	0.29	72.87	-3109.61	-3108.97	72.23	45.24
17	22	1737	20.13	6.66e-02	20.11	8.67e-02	0.63	69.83	-3006.01	-3005.92	69.74	16.70
17	22	1738	20.46	7.68e-02	20.41	0.12	0.97	67.93	-2841.81	-2841.79	67.91	-7.83
17	22	1739	20.62	5.57e-02	20.53	0.14	1.32	66.82	-2618.88	-2618.59	66.53	-27.99
17	22	1740	20.59	-1.62e-02	20.44	0.13	1.73	66.02	-2340.60	-2339.83	65.25	-43.01
17	22	1741	20.34	-0.17	20.09	8.47e-02	2.26	64.95	-2012.75	-2011.47	63.68	-51.44
17	22	1742	19.87	-0.44	19.42	2.70e-03	2.97	63.12	-1644.69	-1643.16	61.60	-50.98
17	22	1743	19.16	-0.91	18.34	-9.45e-02	3.95	60.66	-1251.16	-1250.02	59.52	-38.66
17	22	1744	18.23	-1.62	16.75	-0.14	5.22	59.65	-854.48	-854.33	59.51	-11.62
17	22	1745	17.14	-2.61	14.54	-1.11e-02	6.67	67.48	-487.70	-485.99	65.77	30.78
17	22	1746	15.82	-3.66	11.71	0.46	7.95	108.75	-204.60	-180.26	84.41	83.87
17	22	1747	7.26	-1.53	0.69	5.04	-3.82	391.70	-673.69	-221.80	-60.19	526.53
17	22	1748	8.55	-3.22	2.22	3.11	-5.87	312.24	-871.08	-584.72	25.87	506.81
17	22	1749	9.16	-4.44	3.66	1.05	-6.67	287.72	-1194.41	-993.32	86.62	507.55
17	22	1750	9.27	-4.95	4.75	-0.43	-6.62	268.37	-1558.88	-1418.06	127.54	487.33
17	22	1751	9.12	-4.82	5.52	-1.22	-6.10	245.64	-1922.59	-1826.81	149.86	445.53
17	22	1752	8.90	-4.28	6.10	-1.48	-5.39	220.12	-2259.82	-2196.87	157.17	390.06
17	22	1753	8.71	-3.56	6.59	-1.45	-4.64	194.66	-2555.60	-2515.74	154.80	328.70
17	22	1754	8.60	-2.82	7.05	-1.27	-3.91	171.54	-2801.42	-2777.33	147.44	266.56
17	22	1755	8.59	-2.14	7.50	-1.05	-3.24	151.98	-2992.28	-2978.67	138.37	206.43
17	22	1756	8.65	-1.57	7.92	-0.84	-2.62	136.45	-3125.17	-3118.29	129.57	149.66
17	22	1757	8.75	-1.11	8.31	-0.67	-2.04	125.02	-3198.24	-3195.42	122.19	96.82

17	22	1758	8.88	-0.76	8.64	-0.52	-1.50	117.60	-3210.42	-3209.72	116.90	48.08
17	22	1759	9.01	-0.51	8.91	-0.41	-0.98	114.11	-3161.17	-3161.17	114.11	3.45
17	22	1760	9.12	-0.35	9.09	-0.33	-0.48	114.55	-3050.46	-3050.03	114.12	-37.07
17	22	1761	9.21	-0.30	9.21	-0.30	3.67e-02	118.98	-2878.77	-2876.97	117.18	-73.39
17	22	1762	9.28	-0.37	9.25	-0.33	0.58	127.49	-2647.23	-2643.24	123.50	-105.11
17	22	1763	9.38	-0.63	9.23	-0.48	1.20	140.13	-2358.01	-2351.09	133.22	-131.25
17	22	1764	9.56	-1.15	9.19	-0.78	1.96	156.78	-2014.84	-2004.45	146.39	-149.79
17	22	1765	9.95	-2.04	9.16	-1.25	2.97	176.95	-1624.21	-1610.42	163.16	-156.95
17	22	1766	10.67	-3.38	9.17	-1.87	4.35	199.90	-1197.29	-1181.76	184.36	-146.51
17	22	1767	11.85	-5.13	9.15	-2.43	6.20	225.55	-753.38	-740.88	213.05	-109.92
17	22	1768	13.48	-7.02	8.94	-2.48	8.51	259.32	-327.09	-324.44	256.67	-39.36
17	22	1769	15.32	-8.46	8.18	-1.32	10.90	339.32	3.28	15.70	326.90	63.39
17	22	1797	17.24	-7.01	3.84	6.39	12.06	753.26	110.04	273.95	589.35	280.29
17	22	1798	16.10	-3.55	1.08	11.47	8.34	914.92	12.61	159.65	767.88	333.25
17	22	1804	136.86	-1.89	-1.89	136.86	0.54	4770.32	30.04	33.01	4767.34	118.67
17	22	1805	15.54	-42.46	-42.45	15.54	-0.15	5308.01	-795.35	-584.09	5096.76	1115.68
17	22	1806	33.15	-0.17	-0.17	33.15	0.37	1791.27	-39.29	-17.88	1769.86	196.81
17	22	1807	22.76	-9.85	3.85	9.06	16.09	1577.24	265.27	578.23	1264.27	559.16
17	22	1809	16.05	-24.96	-24.89	15.98	1.74	5025.59	-246.29	-215.22	4994.52	403.50
17	22	1810	101.89	0.88	0.99	101.78	3.31	5007.30	-101.73	-64.99	4970.56	431.69
17	22	1811	61.41	-9.73e-02	-8.82e-02	61.40	0.75	3241.30	-77.20	-39.74	3203.84	350.58
17	22	1812	27.39	-4.29	1.26	21.83	12.05	1874.96	27.84	299.97	1602.83	654.68
17	22	1815	24.92	-13.39	2.76	8.77	18.92	3031.34	429.22	1081.69	2378.87	1127.87
17	22	1816	40.67	-4.89	1.51	34.27	15.83	3443.49	-44.41	448.57	2950.51	1215.09
17	22	1818	9.47	-11.79	-4.13	1.81	10.21	6388.84	393.91	1531.83	5250.92	2350.93
17	22	1819	48.75	-1.58	3.66	43.51	15.37	5533.96	-443.76	90.46	4999.74	1705.29
17	22	1822	-2.89e-02	-0.91	-0.31	-0.63	-0.41	3.25	-20.00	2.05	-18.79	-5.16
17	22	1823	5.12	-9.02e-02	5.00	3.44e-02	0.80	131.19	-47.55	89.05	-5.41	75.87
17	22	1826	13.88	-0.20	-0.19	13.88	0.21	874.95	-17.98	-6.94	863.91	98.67
17	22	1827	2.05	-0.22	-0.22	2.05	-1.01e-03	318.08	-8.88	-1.57	310.77	48.34
17	22	1828	0.52	-0.19	0.52	-0.18	-2.15e-02	113.58	-35.61	87.47	-9.50	56.69
17	22	1831	11.29	-3.60	4.92	2.77	7.37	322.04	-22.26	120.44	179.34	169.61
17	22	1832	7.37	-1.69	1.67	4.00	4.37	368.11	-21.48	86.19	260.43	174.23
17	36	52	7.65	-58.89	-33.65	-17.59	-32.29	1.650e+04	3731.35	5814.78	1.442e+04	4718.77
17	36	54	39.02	-25.44	-20.33	33.91	-17.42	3.903e+04	3729.43	1.597e+04	2.679e+04	-1.680e+04
17	36	1548	-9.75	-19.78	-19.77	-9.76	0.25	277.92	-258.44	277.00	-257.53	-22.10
17	36	1549	-1.24	-19.86	-19.77	-1.34	-1.33	61.56	-1168.42	-1147.86	41.00	157.71
17	36	1550	-1.10	-20.50	-20.36	-1.24	-1.62	51.39	-1952.75	-1944.28	42.92	130.03
17	36	1551	-1.11	-22.21	-22.05	-1.27	-1.80	37.31	-2424.91	-2423.69	36.10	54.68
17	36	1552	-1.13	-23.99	-23.83	-1.29	-1.93	26.98	-2669.06	-2668.82	26.74	-25.43
17	36	1553	-1.14	-25.31	-25.15	-1.30	-2.01	20.50	-2707.46	-2704.02	17.06	-96.79
17	36	1554	-1.14	-25.94	-25.77	-1.31	-2.03	17.28	-2542.74	-2533.70	8.24	-151.84
17	36	1555	-1.14	-25.78	-25.62	-1.30	-1.99	16.70	-2163.95	-2148.75	1.51	-181.38
17	36	1556	-1.11	-25.02	-24.86	-1.26	-1.92	17.43	-1535.09	-1517.03	-0.63	-166.49
17	36	1557	-0.89	-24.68	-24.53	-1.05	-1.92	15.21	-549.38	-543.85	9.67	-55.63
17	36	1558	7.32	-31.90	-31.70	7.12	-2.83	1143.94	-140.81	1064.70	-61.56	309.08
17	36	1559	13.03	-9.24	4.08	-0.30	10.92	898.09	276.97	443.81	731.24	275.31
17	36	1560	10.53	0.33	0.33	10.53	-6.97e-02	298.45	-107.12	-8.36	199.69	174.07
17	36	1561	8.21	-3.34	1.04	3.84	-5.60	510.13	-644.16	-384.02	249.99	482.29
17	36	1562	5.58	-5.22	1.07	-0.71	-5.32	383.19	-1225.92	-1092.24	249.51	444.10
17	36	1563	3.52	-5.09	0.12	-1.69	-4.21	257.43	-1771.26	-1714.39	200.56	334.87
17	36	1564	2.31	-4.37	-0.61	-1.45	-3.31	174.02	-2172.38	-2151.20	152.83	221.95
17	36	1565	1.50	-3.51	-0.95	-1.07	-2.50	127.44	-2403.54	-2397.91	121.81	119.19
17	36	1566	0.77	-2.64	-1.08	-0.79	-1.70	107.13	-2455.57	-2455.25	106.81	28.69
17	36	1567	4.17e-02	-1.81	-1.13	-0.64	-0.89	108.82	-2324.60	-2323.63	107.84	-48.67
17	36	1568	-0.67	-1.15	-1.13	-0.68	-7.13e-02	135.18	-2009.77	-2004.01	129.41	-111.09
17	36	1569	-0.23	-1.89	-0.88	-1.24	0.81	195.27	-1512.68	-1498.95	181.54	-152.50
17	36	1570	1.35	-3.92	0.27	-2.85	2.12	298.24	-839.45	-819.10	277.89	-150.80
17	36	1571	5.63	-7.52	2.88	-4.77	5.34	437.92	-41.63	-39.70	435.99	-30.33
17	36	1572	20.03	1.08	1.11	20.00	0.69	822.85	-373.52	-287.61	736.93	308.88
17	36	1573	23.84	6.40	6.42	23.82	0.49	1300.89	-4869.84	-3206.75	-362.19	2737.99
17	36	1574	22.08	-12.54	-10.97	20.51	7.21	1043.73	-4597.08	878.12	-4431.47	952.23
17	36	1575	-2.08	-20.19	-20.13	-2.14	-1.04	37.95	-572.26	-552.59	18.28	107.78
17	36	1576	-1.12	-19.97	-19.85	-1.24	-1.50	58.51	-1610.50	-1595.90	43.90	155.44
17	36	1577	-1.11	-21.30	-21.15	-1.25	-1.72	43.99	-2220.14	-2216.19	40.05	94.40
17	36	1578	-1.12	-23.13	-22.97	-1.28	-1.87	31.63	-2573.43	-2573.35	31.56	14.11
17	36	1579	-1.13	-24.73	-24.56	-1.30	-1.97	23.29	-2713.51	-2712.07	21.85	-62.71
17	36	1580	-1.14	-25.72	-25.55	-1.31	-2.02	18.52	-2650.81	-2644.77	12.48	-126.82
17	36	1581	-1.14	-25.95	-25.79	-1.30	-2.02	16.71	-2381.49	-2369.29	4.51	-170.61
17	36	1582	-1.13	-25.45	-25.29	-1.28	-1.96	17.06	-1884.82	-1867.34	-0.41	-181.45
17	36	1583	-1.05	-24.65	-24.50	-1.21	-1.89	17.15	-1099.12	-1084.00	2.03	-129.07
17	36	1584	-6.33e-02	-26.07	-25.88	-0.25	-2.18	187.14	-17.65	148.30	21.20	80.29
17	36	1585	-41.98	-60.85	-60.29	-42.55	-3.22	1823.99	-1957.44	1823.33	-1956.78	-49.72
17	36	1586	-1.36	-21.34	-10.05	-12.65	9.90	2701.97	234.34	1660.04	1276.27	1218.80
17	36	1587	10.65	-14.00	2.24	-5.58	11.69	1700.71	472.98	884.70	1288.99	579.63
17	36	1588	9.16	-8.97	4.17	-3.98	8.10	590.70	249.84	288.18	552.36	107.70
17	36	1589	3.01	-5.58	1.42	-3.99	3.33	363.06	-445.86	-429.56	346.76	-113.66

17	36	1590	0.35	-2.71	-0.47	-1.89	1.36	241.36	-1197.21	-1179.23	223.39	-159.81
17	36	1591	-0.60	-1.33	-1.07	-0.87	0.35	160.27	-1783.81	-1774.37	150.82	-135.17
17	36	1592	-0.33	-1.43	-1.15	-0.62	-0.48	118.48	-2190.13	-2187.22	115.57	-81.95
17	36	1593	0.41	-2.22	-1.11	-0.70	-1.30	105.21	-2413.07	-2413.02	105.16	-11.70
17	36	1594	1.13	-3.08	-1.03	-0.92	-2.10	114.43	-2452.27	-2450.23	112.39	72.35
17	36	1595	1.88	-3.95	-0.82	-1.25	-2.91	146.90	-2309.95	-2298.26	135.21	169.10
17	36	1596	2.84	-4.76	-0.30	-1.62	-3.74	210.34	-1992.14	-1956.61	174.82	277.45
17	36	1597	4.42	-5.30	0.61	-1.48	-4.74	315.88	-1513.39	-1425.03	227.52	392.20
17	36	1598	6.96	-4.64	1.32	1.00	-5.80	450.98	-925.12	-731.57	257.44	478.41
17	36	1599	9.31	-1.55	0.36	7.39	-4.14	579.15	-490.94	-117.27	205.48	510.13
17	36	1600	12.59	-3.02	-1.19	10.77	-5.01	988.84	-94.83	131.84	762.18	440.74
17	36	1601	8.42	-3.93	-0.13	4.63	-5.70	928.51	-477.63	-266.19	717.07	502.59
17	36	1602	4.55	-5.56	-1.58	0.57	-4.94	735.81	-894.98	-727.38	568.21	495.21
17	36	1603	2.09	-6.41	-3.00	-1.32	-4.16	552.18	-1265.25	-1146.58	433.51	448.98
17	36	1604	0.74	-7.03	-4.40	-1.89	-3.68	413.54	-1587.06	-1504.69	331.18	397.49
17	36	1605	0.11	-7.61	-5.55	-1.95	-3.42	314.33	-1860.66	-1804.92	258.58	343.70
17	36	1606	-0.16	-8.12	-6.45	-1.82	-3.24	244.00	-2087.36	-2051.18	207.82	288.16
17	36	1607	-0.29	-8.51	-7.14	-1.65	-3.06	194.14	-2268.07	-2246.05	172.12	231.80
17	36	1608	-0.38	-8.80	-7.69	-1.49	-2.85	158.93	-2403.15	-2391.05	146.83	175.69
17	36	1609	-0.47	-8.99	-8.11	-1.35	-2.60	134.60	-2492.65	-2487.08	129.03	120.84
17	36	1610	-0.55	-9.12	-8.45	-1.23	-2.31	118.78	-2536.40	-2534.66	117.03	68.08
17	36	1611	-0.64	-9.20	-8.71	-1.13	-1.99	110.17	-2534.17	-2534.04	110.05	18.15
17	36	1612	-0.72	-9.24	-8.90	-1.05	-1.65	108.32	-2485.63	-2485.33	108.01	-28.25
17	36	1613	-0.79	-9.24	-9.04	-1.00	-1.31	113.47	-2390.43	-2388.45	111.49	-70.38
17	36	1614	-0.87	-9.22	-9.11	-0.98	-0.96	126.65	-2248.02	-2243.16	121.79	-107.29
17	36	1615	-0.98	-9.17	-9.12	-1.03	-0.64	149.72	-2057.58	-2048.95	141.09	-137.75
17	36	1616	-1.17	-9.06	-9.04	-1.18	-0.37	185.61	-1817.69	-1804.83	172.76	-159.97
17	36	1617	-1.53	-8.83	-8.83	-1.54	-0.19	238.57	-1525.94	-1509.14	221.77	-171.35
17	36	1618	-2.23	-8.37	-8.37	-2.23	-0.13	314.38	-1178.15	-1159.00	295.23	-168.00
17	36	1619	-3.53	-7.44	-7.43	-3.54	-0.18	420.15	-767.60	-749.92	402.47	-143.83
17	36	1620	-5.56	-5.82	-5.56	-5.82	-8.31e-03	562.88	-285.33	-276.20	553.75	-87.53
17	36	1621	-2.51	-8.91	-2.80	-8.62	1.34	758.27	260.58	262.76	756.09	32.83
17	36	1622	3.38	-11.05	1.66	-9.33	4.67	1219.11	593.21	816.07	996.26	299.70
17	36	1623	13.24	-4.11	-1.33	10.46	-6.36	3970.72	845.11	1276.00	3539.83	-1077.55
17	36	1624	7.54	-8.11	-5.75	5.18	-5.60	1216.43	4.79	13.87	1207.35	104.49
17	36	1625	0.16	-8.82	-7.99	-0.67	-2.60	721.15	-728.16	-657.14	650.12	312.88
17	36	1626	-1.10	-10.59	-10.12	-1.57	-2.05	506.75	-1255.99	-1165.89	416.66	388.20
17	36	1627	-1.25	-12.03	-11.59	-1.68	-2.13	377.78	-1652.27	-1570.96	296.47	398.07
17	36	1628	-1.18	-13.15	-12.68	-1.64	-2.31	290.35	-1959.94	-1896.83	227.23	371.54
17	36	1629	-1.09	-14.07	-13.59	-1.57	-2.45	227.87	-2200.69	-2156.41	183.59	324.92
17	36	1630	-1.04	-14.85	-14.38	-1.50	-2.50	182.13	-2385.22	-2357.02	153.93	267.59
17	36	1631	-1.01	-15.52	-15.09	-1.44	-2.47	148.43	-2518.82	-2502.95	132.56	205.13
17	36	1632	-1.00	-16.09	-15.71	-1.39	-2.38	123.92	-2604.04	-2596.73	116.61	141.02
17	36	1633	-1.01	-16.56	-16.23	-1.34	-2.24	106.84	-2641.97	-2639.78	104.64	77.62
17	36	1634	-1.02	-16.92	-16.64	-1.30	-2.06	96.20	-2632.94	-2632.84	96.09	16.72
17	36	1635	-1.04	-17.17	-16.95	-1.26	-1.86	91.62	-2576.73	-2576.12	91.01	-40.16
17	36	1636	-1.05	-17.32	-17.15	-1.22	-1.64	93.26	-2472.61	-2469.35	90.00	-91.37
17	36	1637	-1.07	-17.37	-17.24	-1.20	-1.42	101.88	-2319.29	-2311.74	94.34	-134.93
17	36	1638	-1.10	-17.32	-17.23	-1.20	-1.22	118.91	-2114.44	-2101.72	106.19	-168.09
17	36	1639	-1.16	-17.21	-17.14	-1.23	-1.07	146.79	-1854.18	-1836.57	129.18	-186.86
17	36	1640	-1.29	-17.08	-17.01	-1.36	-1.04	189.55	-1531.84	-1511.69	169.40	-185.13
17	36	1641	-1.55	-17.00	-16.90	-1.66	-1.28	254.61	-1136.48	-1119.38	237.51	-153.29
17	36	1642	-2.11	-17.13	-16.85	-2.40	-2.04	359.14	-652.23	-646.52	353.43	-75.79
17	36	1643	-3.34	-17.82	-16.68	-4.47	-3.89	567.24	-78.09	-69.70	558.86	73.08
17	36	1644	-5.43	-21.44	-14.40	-12.47	-7.95	1192.26	439.85	661.96	970.16	343.19
17	36	1645	-3.94	-18.30	-5.52	-16.73	-4.49	3163.17	957.62	1928.13	2192.67	1094.81
17	36	1683	8.65	9.82e-02	8.53	0.21	0.99	48.03	-67.42	-18.89	-0.50	56.99
17	36	1684	0.10	-0.24	-6.55e-02	-7.11e-02	0.17	20.68	3.06	20.40	3.34	-2.21
17	36	1685	1.18	-8.33e-04	1.18	1.04e-03	4.70e-02	21.24	-463.54	-456.33	14.03	58.67
17	36	1686	6.54	0.11	6.53	0.12	0.28	18.77	-1005.30	-1002.08	15.55	57.39
17	36	1687	12.44	0.16	12.40	0.20	0.73	15.23	-1528.31	-1527.66	14.59	31.51
17	36	1688	17.05	0.16	16.97	0.23	1.11	12.44	-1951.83	-1951.82	12.43	-2.33
17	36	1689	20.27	0.15	20.18	0.24	1.38	10.41	-2221.41	-2220.96	9.95	-31.89
17	36	1690	22.44	0.14	22.33	0.25	1.55	8.86	-2313.10	-2311.97	7.73	-51.29
17	36	1691	23.80	0.14	23.69	0.26	1.66	7.50	-2219.91	-2218.35	5.94	-58.83
17	36	1692	24.45	0.15	24.33	0.27	1.71	6.07	-1945.74	-1944.22	4.55	-54.40
17	36	1693	24.23	0.17	24.11	0.29	1.71	4.45	-1509.59	-1508.64	3.49	-38.03
17	36	1694	22.44	0.22	22.31	0.34	1.64	2.94	-962.04	-961.94	2.85	-9.54
17	36	1695	17.55	0.25	17.42	0.37	1.45	4.17	-412.82	-410.97	2.32	27.71
17	36	1696	0.37	-7.95e-02	-5.16e-02	0.35	0.11	51.24	-154.15	18.48	-121.38	75.21
17	36	1697	3.94	1.77e-02	1.82e-02	3.94	-4.36e-02	109.13	-168.49	15.66	-75.02	131.19
17	36	1710	12.41	-6.38	4.76	1.27	9.23	413.43	89.62	169.08	333.97	139.34
17	36	1711	10.35	-3.12	6.18	1.05	6.23	169.62	-52.17	24.07	93.37	105.34
17	36	1712	13.52	0.21	13.40	0.33	1.26	11.86	-194.66	-184.27	1.46	45.16
17	36	1713	20.49	0.24	20.37	0.36	1.57	2.76	-677.75	-677.64	2.65	8.59
17	36	1714	23.61	0.19	23.49	0.31	1.69	3.63	-1244.60	-1244.09	3.11	-25.27
17	36	1715	24.47	0.16	24.35	0.28	1.72	5.28	-1745.81	-1744.50	3.98	-47.73

17	36	1716	24.22	0.14	24.10	0.26	1.69	6.80	-2104.75	-2103.15	5.20	-58.10
17	36	1717	23.21	0.14	23.10	0.26	1.61	8.18	-2289.61	-2288.22	6.78	-56.56
17	36	1718	21.47	0.15	21.37	0.25	1.48	9.59	-2290.22	-2289.41	8.79	-43.03
17	36	1719	18.81	0.15	18.73	0.24	1.26	11.34	-2107.90	-2107.75	11.19	-18.15
17	36	1720	14.93	0.16	14.87	0.22	0.94	13.72	-1756.78	-1756.66	13.60	14.66
17	36	1721	9.60	0.14	9.57	0.17	0.51	16.94	-1274.40	-1272.73	15.27	46.44
17	36	1722	3.57	5.39e-02	3.56	5.72e-02	0.11	20.45	-732.18	-727.00	15.27	62.22
17	36	1723	0.14	-0.17	-2.23e-02	-6.21e-03	0.16	15.87	-193.47	-184.35	6.75	42.73
17	36	1724	2.15	-0.30	0.70	1.15	-1.20	105.76	-389.53	-188.29	-95.48	243.26
17	36	1725	3.90	-1.02	2.14	0.74	-2.36	87.47	-587.63	-465.48	-34.68	259.89
17	36	1726	5.47	-1.54	3.74	0.19	-3.02	93.39	-841.55	-751.06	2.90	276.43
17	36	1727	6.81	-1.62	5.38	-0.20	-3.16	97.73	-1109.39	-1041.31	29.64	278.48
17	36	1728	7.98	-1.41	6.97	-0.40	-2.92	97.76	-1373.51	-1323.70	47.95	266.10
17	36	1729	9.08	-1.09	8.43	-0.44	-2.49	94.05	-1620.61	-1585.49	58.93	242.87
17	36	1730	10.13	-0.78	9.75	-0.40	-2.00	87.95	-1840.51	-1816.65	64.10	213.15
17	36	1731	11.12	-0.52	10.92	-0.32	-1.51	80.82	-2026.01	-2010.41	65.21	180.65
17	36	1732	12.03	-0.32	11.93	-0.23	-1.07	73.68	-2172.28	-2162.49	63.89	147.94
17	36	1733	12.84	-0.18	12.81	-0.14	-0.69	67.19	-2276.21	-2270.39	61.37	116.61
17	36	1734	13.55	-8.17e-02	13.54	-7.30e-02	-0.34	61.69	-2335.88	-2332.68	58.49	87.53
17	36	1735	14.15	-1.49e-02	14.15	-1.48e-02	-3.87e-02	57.33	-2350.21	-2348.65	55.78	61.10
17	36	1736	14.63	3.03e-02	14.62	3.42e-02	0.24	54.10	-2318.68	-2318.09	53.51	37.48
17	36	1737	14.99	5.63e-02	14.97	7.27e-02	0.49	51.92	-2241.34	-2241.22	51.79	16.72
17	36	1738	15.22	6.33e-02	15.18	0.10	0.75	50.61	-2118.79	-2118.79	50.60	-1.09
17	36	1739	15.33	4.70e-02	15.26	0.11	1.01	49.92	-1952.43	-1952.31	49.79	-15.72
17	36	1740	15.29	-7.02e-03	15.18	0.11	1.32	49.49	-1744.74	-1744.35	49.10	-26.59
17	36	1741	15.10	-0.12	14.90	7.49e-02	1.71	48.91	-1500.05	-1499.37	48.22	-32.67
17	36	1742	14.73	-0.32	14.39	1.61e-02	2.24	47.82	-1225.34	-1224.52	47.00	-32.26
17	36	1743	14.19	-0.67	13.58	-5.34e-02	2.96	46.35	-931.63	-931.08	45.81	-23.15
17	36	1744	13.50	-1.20	12.38	-8.47e-02	3.89	46.16	-635.69	-635.67	46.15	-3.22
17	36	1745	12.68	-1.92	10.74	1.22e-02	4.95	53.06	-362.53	-360.63	51.16	28.01
17	36	1746	11.69	-2.70	8.64	0.36	5.88	86.02	-152.97	-132.35	65.39	67.10
17	36	1747	5.44	-1.14	0.52	3.78	-2.86	292.76	-501.05	-165.13	-43.17	392.19
17	36	1748	6.40	-2.40	1.66	2.34	-4.39	233.62	-648.43	-435.52	20.72	377.45
17	36	1749	6.85	-3.31	2.75	0.79	-4.99	215.22	-889.74	-740.17	65.65	378.02
17	36	1750	6.93	-3.69	3.56	-0.31	-4.95	200.52	-1161.70	-1056.89	95.71	363.02
17	36	1751	6.82	-3.58	4.14	-0.90	-4.55	183.24	-1433.02	-1361.66	111.89	332.01
17	36	1752	6.65	-3.18	4.57	-1.10	-4.02	163.88	-1684.52	-1637.54	116.90	290.92
17	36	1753	6.50	-2.64	4.93	-1.07	-3.45	144.61	-1905.07	-1875.22	114.76	245.53
17	36	1754	6.42	-2.08	5.27	-0.94	-2.91	127.14	-2088.33	-2070.18	109.00	199.65
17	36	1755	6.41	-1.58	5.61	-0.77	-2.40	112.40	-2230.58	-2220.23	102.05	155.34
17	36	1756	6.45	-1.15	5.92	-0.62	-1.93	100.71	-2329.59	-2324.27	95.39	113.57
17	36	1757	6.52	-0.81	6.20	-0.49	-1.50	92.14	-2383.99	-2381.73	89.88	74.76
17	36	1758	6.62	-0.55	6.45	-0.38	-1.09	86.61	-2392.98	-2392.36	86.00	39.01
17	36	1759	6.71	-0.36	6.64	-0.29	-0.70	84.08	-2356.17	-2356.15	84.06	6.32
17	36	1760	6.79	-0.25	6.78	-0.23	-0.32	84.52	-2273.53	-2273.29	84.29	-23.34
17	36	1761	6.86	-0.21	6.85	-0.21	6.71e-02	87.99	-2145.40	-2144.28	86.88	-49.89
17	36	1762	6.91	-0.27	6.88	-0.24	0.48	94.58	-1972.62	-1970.04	92.00	-73.08
17	36	1763	6.98	-0.46	6.86	-0.34	0.94	104.34	-1756.81	-1752.23	99.76	-92.20
17	36	1764	7.12	-0.85	6.82	-0.56	1.51	117.17	-1500.72	-1493.78	110.22	-105.77
17	36	1765	7.41	-1.52	6.80	-0.90	2.26	132.74	-1209.19	-1199.95	123.49	-110.99
17	36	1766	7.94	-2.50	6.79	-1.35	3.27	150.53	-890.56	-880.21	140.18	-103.27
17	36	1767	8.80	-3.79	6.77	-1.75	4.64	170.59	-559.31	-551.26	162.54	-76.23
17	36	1768	10.00	-5.18	6.60	-1.78	6.33	197.40	-241.76	-240.44	196.08	-24.01
17	36	1769	11.34	-6.23	6.03	-0.92	8.07	260.47	2.49	13.49	249.47	52.12
17	36	1797	12.73	-5.16	2.82	4.75	8.89	571.27	81.89	205.91	447.25	212.87
17	36	1798	11.88	-2.61	0.79	8.47	6.14	692.36	8.98	119.89	581.45	251.98
17	36	1804	101.67	-1.42	-1.42	101.67	0.46	3597.15	22.42	24.58	3594.99	87.84
17	36	1805	11.59	-31.73	-31.73	11.59	-1.53e-02	4000.87	-599.63	-442.74	3843.98	834.95
17	36	1806	24.43	-0.12	-0.12	24.43	0.26	1352.45	-29.44	-13.38	1336.39	148.10
17	36	1807	16.81	-7.23	2.83	6.74	11.86	1191.77	198.05	433.12	956.70	422.30
17	36	1809	11.35	-18.73	-18.67	11.29	1.38	3789.13	-186.17	-163.43	3766.39	299.81
17	36	1810	75.32	0.65	0.73	75.24	2.49	3773.36	-75.93	-48.55	3745.98	323.52
17	36	1811	45.26	-7.31e-02	-6.65e-02	45.26	0.55	2444.19	-57.72	-29.71	2416.18	263.24
17	36	1812	20.21	-3.15	0.93	16.13	8.87	1415.21	20.47	224.72	1210.96	493.10
17	36	1815	18.40	-9.81	2.06	6.54	13.93	2285.12	321.34	809.52	1796.94	848.74
17	36	1816	30.02	-3.58	1.14	25.30	11.67	2595.08	-33.43	335.59	2226.06	913.12
17	36	1818	6.94	-8.56	-2.87	1.25	7.47	4810.13	296.65	1145.20	3961.58	1763.48
17	36	1819	36.02	-1.11	2.83	32.08	11.43	4167.64	-332.53	66.32	3768.79	1278.99
17	36	1822	-1.84e-02	-0.67	-0.23	-0.46	-0.31	2.40	-15.10	1.49	-14.19	-3.88
17	36	1823	3.76	-6.28e-02	3.67	2.92e-02	0.59	101.09	-36.20	68.91	-4.03	58.16
17	36	1826	10.23	-0.14	-0.14	10.23	0.15	661.97	-13.54	-5.22	653.65	74.52
17	36	1827	1.51	-0.16	-0.16	1.51	-4.95e-03	241.44	-6.78	-1.23	235.89	36.70
17	36	1828	0.38	-0.13	0.38	-0.13	-1.58e-02	86.70	-27.10	66.74	-7.14	43.28
17	36	1831	8.33	-2.65	3.62	2.06	5.43	245.96	-17.39	91.66	136.91	129.72
17	36	1832	5.43	-1.24	1.23	2.96	3.22	279.74	-16.58	65.22	197.95	132.47
17	37	52	7.19	-52.00	-30.04	-14.77	-28.60	1.425e+04	3240.15	5080.15	1.241e+04	4106.65
17	37	54	34.40	-18.98	-13.20	28.62	-16.59	3.381e+04	3297.35	1.398e+04	2.312e+04	-1.455e+04

17	37	1548	-9.33	-16.95	-16.95	-9.34	0.13	229.06	-218.96	228.98	-218.88	-6.00
17	37	1549	-1.16	-18.09	-18.00	-1.25	-1.22	56.69	-1042.31	-1023.03	37.41	144.27
17	37	1550	-1.02	-18.87	-18.74	-1.14	-1.49	46.07	-1730.73	-1723.10	38.44	116.24
17	37	1551	-1.03	-20.50	-20.36	-1.17	-1.66	33.08	-2145.87	-2144.83	32.04	47.60
17	37	1552	-1.04	-22.16	-22.01	-1.19	-1.78	23.76	-2360.97	-2360.71	23.51	-24.79
17	37	1553	-1.05	-23.36	-23.21	-1.20	-1.85	18.05	-2395.38	-2392.07	14.74	-89.35
17	37	1554	-1.05	-23.90	-23.75	-1.20	-1.87	15.37	-2251.37	-2242.74	6.74	-139.62
17	37	1555	-1.04	-23.70	-23.55	-1.19	-1.83	15.21	-1919.38	-1904.72	0.55	-167.74
17	37	1556	-1.02	-22.91	-22.77	-1.16	-1.76	16.50	-1367.91	-1349.77	-1.64	-157.42
17	37	1557	-0.83	-22.48	-22.34	-0.97	-1.75	15.06	-502.75	-494.63	6.94	-64.32
17	37	1558	6.43	-28.83	-28.63	6.24	-2.61	979.68	-113.84	920.43	-54.59	247.55
17	37	1559	11.93	-8.32	3.64	-3.63e-02	9.95	759.88	243.97	383.94	619.91	229.39
17	37	1560	9.75	0.33	0.33	9.75	-5.60e-02	257.00	-97.37	-7.53	167.16	154.16
17	37	1561	7.56	-3.04	0.90	3.61	-5.12	445.48	-572.53	-340.55	213.51	427.01
17	37	1562	5.22	-4.81	0.95	-0.54	-4.96	335.43	-1082.67	-963.89	216.65	392.85
17	37	1563	3.35	-4.72	0.13	-1.51	-3.95	226.85	-1561.85	-1511.68	176.69	295.33
17	37	1564	2.21	-4.04	-0.51	-1.32	-3.10	154.78	-1914.81	-1896.50	136.46	193.81
17	37	1565	1.42	-3.22	-0.82	-0.98	-2.32	114.41	-2118.54	-2113.96	109.84	100.93
17	37	1566	0.72	-2.38	-0.94	-0.72	-1.54	96.65	-2164.87	-2164.71	96.50	18.79
17	37	1567	1.09e-02	-1.57	-0.98	-0.58	-0.76	97.80	-2050.37	-2049.12	96.56	-51.74
17	37	1568	-0.61	-0.98	-0.98	-0.61	2.57e-02	120.08	-1774.31	-1768.03	113.79	-108.97
17	37	1569	-3.42e-02	-1.81	-0.74	-1.11	0.87	171.10	-1338.20	-1323.68	156.58	-147.32
17	37	1570	1.42	-3.64	0.30	-2.51	2.10	258.22	-747.53	-725.62	236.31	-146.83
17	37	1571	5.29	-6.82	2.61	-4.15	5.02	372.23	-44.80	-40.85	368.28	-40.43
17	37	1572	18.50	1.15	1.17	18.47	0.62	707.53	-331.06	-253.29	629.76	273.36
17	37	1573	19.72	3.53	3.59	19.66	0.99	1114.80	-4251.29	-2809.23	-327.25	2378.80
17	37	1574	22.28	-7.48	-6.26	21.07	5.88	919.66	-3969.77	770.41	-3820.52	841.12
17	37	1575	-1.97	-18.11	-18.06	-2.02	-0.97	38.17	-519.98	-500.07	18.25	103.54
17	37	1576	-1.03	-18.31	-18.20	-1.15	-1.38	52.95	-1430.16	-1416.80	39.58	140.15
17	37	1577	-1.02	-19.64	-19.51	-1.15	-1.58	39.19	-1965.75	-1962.25	35.69	83.63
17	37	1578	-1.03	-21.37	-21.22	-1.18	-1.72	27.94	-2276.64	-2276.59	27.89	10.92
17	37	1579	-1.04	-22.84	-22.68	-1.20	-1.82	20.49	-2400.35	-2398.94	19.08	-58.48
17	37	1580	-1.05	-23.72	-23.57	-1.20	-1.87	16.36	-2345.96	-2340.18	10.58	-116.67
17	37	1581	-1.05	-23.89	-23.74	-1.20	-1.86	15.01	-2110.09	-2098.40	3.33	-157.15
17	37	1582	-1.04	-23.35	-23.21	-1.18	-1.80	15.80	-1674.62	-1657.53	-1.28	-169.08
17	37	1583	-0.97	-22.52	-22.38	-1.11	-1.73	16.69	-985.50	-969.30	0.49	-126.40
17	37	1584	-9.42e-02	-23.66	-23.49	-0.26	-1.99	136.13	-5.54	113.81	16.78	51.61
17	37	1585	-37.22	-54.54	-54.00	-37.76	-3.00	1601.22	-1690.01	1599.87	-1688.66	-66.71
17	37	1586	-0.83	-19.02	-8.91	-10.94	9.04	2319.16	214.82	1456.78	1077.20	1034.91
17	37	1587	9.85	-12.51	1.95	-4.61	10.69	1450.82	417.47	771.70	1096.59	490.48
17	37	1588	8.47	-8.10	3.75	-3.38	7.48	493.70	219.91	246.85	466.76	81.54
17	37	1589	2.93	-5.11	1.32	-3.51	3.21	312.27	-401.93	-383.21	293.55	-114.11
17	37	1590	0.51	-2.56	-0.37	-1.67	1.39	210.19	-1061.42	-1042.38	191.16	-154.41
17	37	1591	-0.41	-1.28	-0.92	-0.77	0.43	141.38	-1576.08	-1566.00	131.30	-131.19
17	37	1592	-0.35	-1.21	-0.99	-0.56	-0.37	105.93	-1932.50	-1929.18	102.61	-82.21
17	37	1593	0.37	-1.97	-0.96	-0.63	-1.15	94.86	-2127.82	-2127.68	94.72	-17.99
17	37	1594	1.07	-2.80	-0.89	-0.84	-1.93	103.08	-2161.67	-2160.16	101.57	58.47
17	37	1595	1.79	-3.63	-0.70	-1.14	-2.70	131.30	-2035.99	-2026.10	121.40	146.09
17	37	1596	2.71	-4.41	-0.24	-1.47	-3.51	186.18	-1756.15	-1725.05	155.08	243.78
17	37	1597	4.18	-4.90	0.56	-1.28	-4.45	277.32	-1335.16	-1256.86	199.01	346.61
17	37	1598	6.45	-4.26	1.15	1.04	-5.35	394.05	-818.76	-646.50	221.79	423.37
17	37	1599	8.57	-1.42	0.31	6.84	-3.78	506.55	-438.09	-104.68	173.13	451.43
17	37	1600	11.35	-2.77	-1.22	9.79	-4.42	861.90	-96.01	111.64	654.26	394.70
17	37	1601	7.80	-3.66	-0.40	4.54	-5.17	809.20	-430.96	-238.81	617.06	448.75
17	37	1602	4.41	-5.22	-1.60	0.79	-4.67	642.94	-796.18	-644.34	491.10	442.11
17	37	1603	2.15	-6.00	-2.79	-1.06	-3.98	483.88	-1120.74	-1013.59	376.73	400.57
17	37	1604	0.86	-6.55	-4.02	-1.66	-3.51	363.55	-1403.14	-1329.17	289.58	353.86
17	37	1605	0.22	-7.05	-5.07	-1.76	-3.24	277.30	-1643.44	-1593.74	227.60	304.93
17	37	1606	-7.12e-02	-7.49	-5.89	-1.66	-3.05	216.08	-1842.68	-1810.75	184.14	254.43
17	37	1607	-0.22	-7.83	-6.54	-1.52	-2.86	172.63	-2001.62	-1982.45	153.46	203.24
17	37	1608	-0.33	-8.09	-7.04	-1.37	-2.65	141.92	-2120.53	-2110.23	131.62	152.31
17	37	1609	-0.42	-8.26	-7.44	-1.24	-2.40	120.66	-2199.43	-2194.89	116.12	102.52
17	37	1610	-0.51	-8.37	-7.75	-1.13	-2.12	106.81	-2238.16	-2236.89	105.53	54.60
17	37	1611	-0.60	-8.43	-7.98	-1.04	-1.81	99.23	-2236.50	-2236.46	99.20	9.19
17	37	1612	-0.67	-8.45	-8.16	-0.97	-1.49	97.52	-2194.17	-2193.69	97.04	-33.11
17	37	1613	-0.74	-8.45	-8.27	-0.92	-1.15	101.88	-2110.84	-2108.52	99.56	-71.67
17	37	1614	-0.81	-8.42	-8.33	-0.90	-0.82	113.18	-1986.04	-1980.71	107.85	-105.65
17	37	1615	-0.90	-8.36	-8.33	-0.94	-0.51	133.01	-1819.05	-1809.81	123.77	-133.99
17	37	1616	-1.07	-8.24	-8.23	-1.07	-0.24	163.86	-1608.61	-1594.93	150.18	-155.10
17	37	1617	-1.39	-8.02	-8.02	-1.39	-5.11e-02	209.31	-1352.58	-1334.58	191.31	-166.70
17	37	1618	-2.00	-7.58	-7.58	-2.00	2.52e-02	274.17	-1047.21	-1026.19	253.16	-165.30
17	37	1619	-3.16	-6.70	-6.70	-3.16	1.61e-02	364.16	-686.40	-665.86	343.63	-145.42
17	37	1620	-4.85	-5.30	-4.99	-5.16	0.21	484.15	-261.53	-248.74	471.36	-96.84
17	37	1621	-2.11	-7.99	-2.50	-7.60	1.46	642.54	224.86	225.05	642.35	8.92
17	37	1622	3.24	-9.87	1.48	-8.11	4.47	1031.22	524.72	709.60	846.33	243.85
17	37	1623	12.67	-4.87	-2.60	10.41	-5.88	3413.93	745.89	1105.37	3054.45	-910.97
17	37	1624	7.95	-7.91	-5.40	5.44	-5.79	1056.25	-8.70	3.52	1044.03	113.40

17	37	1625	0.57	-8.16	-7.18	-0.41	-2.75	634.28	-656.42	-587.24	565.10	290.70
17	37	1626	-0.85	-9.68	-9.16	-1.37	-2.08	448.03	-1118.85	-1035.12	364.30	352.39
17	37	1627	-1.08	-11.02	-10.57	-1.53	-2.07	334.82	-1465.67	-1391.63	260.79	357.51
17	37	1628	-1.05	-12.07	-11.62	-1.51	-2.20	257.71	-1735.09	-1678.41	201.02	331.29
17	37	1629	-0.99	-12.94	-12.48	-1.45	-2.30	202.49	-1946.11	-1906.83	163.21	287.85
17	37	1630	-0.95	-13.67	-13.23	-1.39	-2.33	162.04	-2108.03	-2083.38	137.39	235.27
17	37	1631	-0.93	-14.30	-13.89	-1.33	-2.29	132.24	-2225.40	-2211.83	118.67	178.35
17	37	1632	-0.92	-14.82	-14.47	-1.28	-2.20	110.58	-2300.40	-2294.40	104.58	120.11
17	37	1633	-0.93	-15.25	-14.95	-1.23	-2.06	95.51	-2333.97	-2332.35	93.90	62.56
17	37	1634	-0.95	-15.57	-15.33	-1.19	-1.89	86.15	-2326.35	-2326.33	86.13	7.21
17	37	1635	-0.96	-15.80	-15.60	-1.15	-1.69	82.16	-2277.36	-2276.51	81.32	-44.60
17	37	1636	-0.97	-15.92	-15.77	-1.12	-1.48	83.68	-2186.35	-2182.66	79.98	-91.48
17	37	1637	-0.99	-15.94	-15.83	-1.10	-1.27	91.33	-2052.19	-2044.06	83.21	-131.72
17	37	1638	-1.02	-15.87	-15.80	-1.10	-1.07	106.36	-1872.84	-1859.33	92.85	-162.97
17	37	1639	-1.07	-15.74	-15.68	-1.13	-0.92	130.82	-1644.86	-1626.05	112.02	-181.77
17	37	1640	-1.18	-15.58	-15.52	-1.24	-0.88	168.08	-1362.31	-1340.14	145.91	-182.86
17	37	1641	-1.42	-15.45	-15.37	-1.50	-1.08	224.10	-1015.23	-994.77	203.64	-157.91
17	37	1642	-1.94	-15.49	-15.26	-2.16	-1.74	312.05	-588.11	-578.30	302.25	-93.44
17	37	1643	-3.07	-15.98	-15.03	-4.01	-3.36	479.31	-71.95	-69.97	477.33	32.98
17	37	1644	-5.01	-18.96	-12.87	-11.10	-6.92	995.63	407.85	575.10	828.38	265.20
17	37	1645	-3.57	-16.07	-4.83	-14.81	-3.76	2704.18	857.06	1685.90	1875.34	918.69
17	37	1683	7.83	9.63e-02	7.72	0.20	0.90	35.11	-59.71	-23.93	-0.68	45.96
17	37	1684	0.10	-0.22	-6.15e-02	-5.68e-02	0.16	18.19	2.70	17.92	2.97	-2.03
17	37	1685	1.09	8.08e-03	1.09	9.99e-03	4.54e-02	18.69	-408.24	-401.91	12.35	51.62
17	37	1686	6.04	0.11	6.03	0.12	0.26	16.43	-884.94	-882.13	13.61	50.31
17	37	1687	11.51	0.15	11.47	0.19	0.68	13.20	-1344.86	-1344.31	12.66	27.16
17	37	1688	15.80	0.16	15.74	0.22	1.03	10.64	-1717.38	-1717.37	10.64	-3.25
17	37	1689	18.81	0.15	18.72	0.24	1.28	8.78	-1954.74	-1954.28	8.32	-30.08
17	37	1690	20.82	0.14	20.72	0.24	1.44	7.36	-2035.85	-2034.72	6.23	-48.09
17	37	1691	22.06	0.14	21.95	0.25	1.54	6.12	-1954.56	-1952.98	4.54	-55.68
17	37	1692	22.59	0.15	22.48	0.26	1.59	4.84	-1714.32	-1712.71	3.23	-52.62
17	37	1693	22.30	0.17	22.19	0.28	1.58	3.41	-1331.92	-1330.79	2.28	-38.79
17	37	1694	20.54	0.21	20.43	0.32	1.51	2.02	-851.76	-851.53	1.79	-13.90
17	37	1695	15.97	0.23	15.86	0.34	1.32	2.51	-369.51	-368.51	1.51	19.21
17	37	1696	0.37	-7.22e-02	-4.45e-02	0.34	0.11	45.00	-136.34	16.24	-107.58	66.25
17	37	1697	3.67	2.32e-02	2.35e-02	3.67	-3.46e-02	95.20	-150.71	13.75	-69.26	115.74
17	37	1710	11.33	-5.76	4.29	1.27	8.41	344.35	79.29	142.84	280.80	113.16
17	37	1711	9.43	-2.82	5.61	1.00	5.67	135.75	-43.93	15.05	76.77	84.37
17	37	1712	12.27	0.19	12.16	0.30	1.15	7.78	-176.43	-169.54	0.89	34.97
17	37	1713	18.70	0.23	18.59	0.34	1.44	1.71	-602.33	-602.32	1.70	2.15
17	37	1714	21.67	0.18	21.56	0.30	1.55	2.67	-1099.55	-1098.86	1.98	-27.70
17	37	1715	22.57	0.15	22.46	0.27	1.59	4.15	-1539.04	-1537.60	2.71	-47.08
17	37	1716	22.41	0.14	22.30	0.25	1.57	5.49	-1853.69	-1852.03	3.84	-55.47
17	37	1717	21.53	0.14	21.42	0.25	1.50	6.73	-2015.51	-2014.10	5.33	-53.21
17	37	1718	19.93	0.14	19.83	0.24	1.37	8.03	-2015.47	-2014.66	7.23	-40.35
17	37	1719	17.45	0.15	17.37	0.23	1.17	9.64	-1854.75	-1854.58	9.47	-17.55
17	37	1720	13.83	0.16	13.78	0.21	0.87	11.82	-1545.79	-1545.70	11.73	12.05
17	37	1721	8.87	0.14	8.85	0.16	0.47	14.77	-1121.59	-1120.14	13.32	40.52
17	37	1722	3.30	5.80e-02	3.29	6.12e-02	0.10	17.96	-644.69	-640.15	13.42	54.68
17	37	1723	0.14	-0.15	-1.85e-02	3.48e-03	0.15	13.98	-170.42	-162.40	5.96	37.62
17	37	1724	1.99	-0.27	0.65	1.08	-1.11	92.80	-343.53	-166.01	-84.72	214.35
17	37	1725	3.60	-0.93	1.97	0.70	-2.18	76.64	-517.86	-410.23	-30.99	228.92
17	37	1726	5.06	-1.40	3.46	0.20	-2.79	81.92	-741.24	-661.65	2.32	243.27
17	37	1727	6.30	-1.48	4.98	-0.16	-2.92	85.86	-976.75	-917.00	26.11	244.79
17	37	1728	7.39	-1.29	6.44	-0.34	-2.71	86.03	-1208.95	-1165.38	42.46	233.50
17	37	1729	8.42	-1.00	7.81	-0.39	-2.32	82.92	-1426.18	-1395.62	52.37	212.55
17	37	1730	9.40	-0.71	9.04	-0.35	-1.86	77.69	-1619.54	-1598.96	57.11	185.77
17	37	1731	10.32	-0.47	10.13	-0.28	-1.41	71.53	-1782.71	-1769.42	58.24	156.44
17	37	1732	11.17	-0.29	11.08	-0.20	-1.00	65.31	-1911.43	-1903.26	57.15	126.78
17	37	1733	11.93	-0.16	11.90	-0.12	-0.64	59.63	-2002.97	-1998.27	54.94	98.29
17	37	1734	12.59	-6.32e-02	12.58	-5.56e-02	-0.31	54.79	-2055.63	-2053.19	52.35	71.71
17	37	1735	13.13	-9.85e-04	13.13	-9.53e-04	-2.05e-02	50.89	-2068.46	-2067.40	49.83	47.45
17	37	1736	13.57	4.10e-02	13.56	4.54e-02	0.24	47.96	-2041.02	-2040.70	47.64	25.67
17	37	1737	13.89	6.47e-02	13.87	8.21e-02	0.49	45.90	-1973.33	-1973.30	45.88	6.45
17	37	1738	14.09	7.05e-02	14.06	0.11	0.73	44.56	-1865.93	-1865.88	44.51	-10.10
17	37	1739	14.17	5.45e-02	14.10	0.12	0.99	43.72	-1720.08	-1719.76	43.40	-23.73
17	37	1740	14.12	3.43e-03	14.00	0.12	1.28	43.06	-1537.96	-1537.23	42.33	-33.91
17	37	1741	13.92	-0.10	13.72	9.29e-02	1.64	42.18	-1323.38	-1322.23	41.02	-39.67
17	37	1742	13.56	-0.29	13.22	4.33e-02	2.13	40.75	-1082.45	-1081.06	39.36	-39.50
17	37	1743	13.04	-0.61	12.44	-1.48e-02	2.78	38.82	-824.78	-823.64	37.67	-31.42
17	37	1744	12.37	-1.09	11.32	-3.76e-02	3.62	37.62	-564.83	-564.52	37.32	-13.56
17	37	1745	11.60	-1.75	9.79	5.53e-02	4.57	41.64	-323.82	-323.24	41.06	14.50
17	37	1746	10.67	-2.45	7.86	0.37	5.39	65.98	-135.88	-122.79	52.90	49.69
17	37	1747	5.03	-1.04	0.47	3.52	-2.63	256.54	-443.58	-146.01	-41.03	346.10
17	37	1748	5.91	-2.19	1.52	2.19	-4.03	204.22	-573.01	-384.60	15.81	333.08
17	37	1749	6.33	-3.03	2.52	0.78	-4.60	188.18	-785.01	-652.87	56.05	333.36
17	37	1750	6.43	-3.38	3.27	-0.23	-4.58	175.70	-1023.98	-931.58	83.30	319.86

17	37	1751	6.34	-3.30	3.82	-0.78	-4.23	161.06	-1262.47	-1199.74	98.34	292.15
17	37	1752	6.19	-2.93	4.24	-0.98	-3.75	144.60	-1483.62	-1442.52	103.49	255.43
17	37	1753	6.07	-2.44	4.59	-0.96	-3.22	128.15	-1677.65	-1651.73	102.23	214.78
17	37	1754	5.99	-1.92	4.92	-0.85	-2.71	113.18	-1838.95	-1823.39	97.62	173.56
17	37	1755	5.98	-1.45	5.23	-0.70	-2.23	100.50	-1964.23	-1955.55	91.81	133.62
17	37	1756	6.01	-1.05	5.52	-0.56	-1.79	90.41	-2051.53	-2047.23	86.11	95.86
17	37	1757	6.08	-0.73	5.79	-0.44	-1.38	82.95	-2099.63	-2097.94	81.26	60.65
17	37	1758	6.16	-0.48	6.01	-0.34	-0.98	78.08	-2107.82	-2107.46	77.72	28.13
17	37	1759	6.24	-0.31	6.19	-0.26	-0.61	75.75	-2075.76	-2075.76	75.75	-1.68
17	37	1760	6.32	-0.21	6.31	-0.20	-0.24	75.94	-2003.42	-2003.02	75.54	-28.79
17	37	1761	6.38	-0.18	6.37	-0.17	0.13	78.69	-1891.12	-1889.69	77.26	-53.10
17	37	1762	6.43	-0.24	6.39	-0.20	0.52	84.06	-1739.61	-1736.58	81.02	-74.35
17	37	1763	6.50	-0.42	6.36	-0.29	0.96	92.07	-1550.33	-1545.17	86.91	-91.87
17	37	1764	6.63	-0.79	6.31	-0.47	1.49	102.62	-1325.72	-1318.06	94.96	-104.31
17	37	1765	6.89	-1.40	6.27	-0.78	2.19	115.38	-1070.03	-1059.89	105.24	-109.18
17	37	1766	7.37	-2.30	6.24	-1.17	3.11	129.83	-790.57	-779.04	118.30	-102.38
17	37	1767	8.15	-3.47	6.19	-1.51	4.35	145.80	-499.84	-490.20	136.16	-78.31
17	37	1768	9.21	-4.72	6.00	-1.51	5.86	166.37	-219.98	-217.34	163.72	-31.86
17	37	1769	10.40	-5.65	5.46	-0.71	7.41	214.77	-0.42	5.69	208.65	35.75
17	37	1797	11.59	-4.65	2.54	4.40	8.07	482.39	72.21	176.45	378.15	178.58
17	37	1798	10.79	-2.35	0.71	7.73	5.55	587.83	9.11	103.19	493.75	213.53
17	37	1804	89.98	-1.24	-1.23	89.97	0.31	3083.26	19.27	21.22	3081.30	77.37
17	37	1805	10.34	-27.41	-27.41	10.34	6.60e-03	3437.92	-512.26	-374.42	3300.07	724.92
17	37	1806	22.12	-0.11	-0.11	22.11	0.23	1156.19	-25.40	-11.60	1142.40	126.93
17	37	1807	15.30	-6.50	2.51	6.29	10.73	1015.78	173.88	375.37	814.28	359.22
17	37	1809	11.35	-16.18	-16.14	11.31	1.00	3249.94	-159.33	-139.02	3229.63	262.33
17	37	1810	67.43	0.59	0.66	67.36	2.13	3240.47	-66.26	-42.37	3216.58	280.05
17	37	1811	40.84	-6.64e-02	-6.07e-02	40.84	0.48	2095.94	-50.16	-25.88	2071.66	226.98
17	37	1812	18.34	-2.83	0.82	14.68	8.00	1209.52	19.35	194.90	1033.97	422.04
17	37	1815	16.75	-8.75	1.76	6.24	12.55	1958.87	281.08	704.25	1535.69	728.65
17	37	1816	27.17	-3.20	0.98	22.99	10.46	2226.73	-27.44	292.26	1907.03	786.42
17	37	1818	6.69	-7.53	-2.77	1.93	6.71	4137.30	258.21	999.94	3395.56	1525.48
17	37	1819	32.50	-1.06	2.27	29.17	10.04	3582.80	-287.03	60.38	3235.40	1106.21
17	37	1822	-9.92e-03	-0.60	-0.21	-0.40	-0.28	2.21	-12.92	1.42	-12.14	-3.35
17	37	1823	3.39	-4.89e-02	3.31	3.51e-02	0.53	81.32	-30.53	54.38	-3.58	47.83
17	37	1826	9.29	-0.13	-0.13	9.28	0.13	563.00	-11.49	-4.45	555.95	63.24
17	37	1827	1.38	-0.15	-0.15	1.38	-1.37e-02	203.59	-5.54	-0.92	198.97	30.76
17	37	1828	0.33	-0.11	0.33	-0.11	-1.41e-02	71.69	-22.77	55.11	-6.19	35.93
17	37	1831	7.57	-2.39	3.28	1.90	4.93	203.76	-13.89	75.71	114.16	107.11
17	37	1832	4.93	-1.11	1.11	2.71	2.91	234.79	-13.33	54.96	166.50	110.82

M_G	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
	136.86	-83.30	-82.54	-58.58	-44.03	5.198e+04	-6514.62	-4301.27	-5884.41	-2.238e+04
			32.79	136.86	18.92		2.141e+04	3.560e+04	6308.90	

Macro	Tipo	Angolo 1-X (gradi)
18	Guscio	0.0

M_G	Cmb	Nodo	N max daN/cm	N min daN/cm	N 1 daN/cm	N 2 daN/cm	N 1-2 daN/cm	M max daN	M min daN	M 1 daN	M 2 daN	M 1-2 daN
18	8	58	-0.50	-5.76	-5.42	-0.84	1.30	2245.66	1229.00	1364.38	2110.28	-345.40
18	8	60	5.73	-1.74	4.81	-0.82	2.45	1428.05	363.23	1403.74	387.54	159.03
18	8	1770	-1.07	-2.97	-2.08	-1.96	0.95	903.10	449.45	664.72	687.83	-226.53
18	8	1771	4.78e-02	-2.54	-0.32	-2.17	0.91	109.65	-79.41	108.44	-78.20	15.10
18	8	1772	2.29e-02	-2.46	-0.38	-2.06	0.91	-53.06	-662.91	-165.26	-550.71	236.30
18	8	1773	4.83e-02	-2.29	-0.30	-1.94	0.83	-93.97	-1047.22	-314.04	-827.15	401.69
18	8	1774	5.56e-02	-2.12	-0.24	-1.82	0.74	-89.76	-1224.45	-375.25	-938.96	492.38
18	8	1775	3.88e-02	-1.95	-0.20	-1.71	0.64	-61.03	-1213.69	-364.50	-910.21	507.65
18	8	1776	-6.23e-02	-1.77	-0.23	-1.59	0.51	-3.16	-1033.04	-280.83	-755.36	457.02
18	8	1777	-0.33	-1.34	-0.51	-1.17	0.39	124.94	-694.14	-94.92	-474.28	362.97
18	8	1778	-0.62	-0.82	-0.72	-0.72	0.10	485.03	-155.62	298.50	30.90	291.04
18	8	1780	12.09	-3.15	2.83	6.11	-7.44	-76.67	-628.62	-201.25	-504.04	230.74
18	8	1781	9.32	-1.50	-1.22	9.04	-1.71	-133.98	-740.33	-313.02	-561.29	276.59
18	8	1782	9.20	-2.82	-2.69	9.07	1.25	-93.49	-672.77	-307.21	-459.05	279.51
18	8	1783	7.62	-3.42	-2.84	7.05	2.46	21.41	-439.91	-230.64	-187.87	229.67
18	8	1784	5.77	-4.52	-3.43	4.68	3.17	321.95	-86.64	-41.35	276.67	128.27
18	8	1785	1.39	-6.29	-5.70	0.80	2.04	1026.14	383.08	383.09	1026.13	-2.49
18	8	1786	0.68	-0.13	-0.11	0.66	0.12	683.31	-27.95	51.30	604.07	-223.79
18	8	1787	1.72	0.22	0.71	1.23	-0.71	-17.81	-330.43	-112.88	-235.36	143.82
18	8	1788	4.17	1.35e-02	1.18	3.01	-1.87	1054.77	-45.93	173.37	835.48	-439.64
18	8	1789	7.19	0.23	2.03	5.39	-3.05	855.51	-21.64	183.77	650.10	-371.47

18	8	1790	7.24	1.16e-02	1.98	5.27	-3.22	195.10	4.33	52.96	146.47	-83.13
18	8	1791	6.73	-5.25e-03	1.84	4.89	-3.00	13.80	-459.32	-123.55	-321.97	214.75
18	8	1792	6.19	-2.14e-03	1.69	4.50	-2.76	14.93	-915.10	-246.75	-653.42	418.21
18	8	1793	5.68	-3.81e-04	1.55	4.13	-2.53	14.12	-1156.97	-306.75	-836.10	522.32
18	8	1794	5.19	1.80e-03	1.41	3.78	-2.31	12.87	-1197.28	-311.01	-873.40	535.77
18	8	1795	4.67	9.66e-03	1.28	3.39	-2.07	10.86	-1051.62	-269.96	-770.79	468.52
18	8	1796	3.81	-5.70e-03	1.13	2.67	-1.75	4.84	-739.07	-196.08	-538.16	330.30
18	8	1799	-13.54	-72.63	-42.73	-43.45	29.54	-115.26	-476.35	-341.79	-249.82	174.59
18	8	1800	5.10	-25.41	1.96	-22.26	9.27	80.05	-574.54	-72.44	-422.04	276.71
18	8	1801	0.31	-18.37	-2.31	-15.75	6.49	39.12	-517.74	-108.34	-370.27	245.71
18	8	1802	3.31e-02	-11.84	-1.78	-10.02	4.27	52.96	-240.71	-76.40	-111.35	145.79
18	8	1803	6.25e-02	-5.17	-0.95	-4.16	2.07	307.38	-27.44	-26.67	306.61	-15.98
18	8	1834	-0.22	-0.36	-0.29	-0.29	-6.94e-02	45.29	-14.10	-9.61	40.80	-15.70
18	8	1835	5.17	2.98	5.14	3.02	0.27	325.70	-58.36	173.81	93.53	187.79
18	8	1836	1.67	-0.25	1.37	5.27e-02	0.69	94.91	-16.59	15.91	62.40	50.67
18	8	1837	1.05	-13.27	-13.24	1.03	-0.62	-27.03	-375.85	-88.98	-313.89	133.31
18	8	1838	4.86	-5.06	-3.00	2.79	-4.03	0.95	-486.48	-72.93	-412.60	174.79
18	8	1839	2.06	-2.43	-2.35	1.97	0.60	1325.74	-41.02	165.27	1119.46	-489.28
18	8	1840	1.57	-0.76	0.67	0.14	-1.14	83.31	-696.37	-173.83	-439.23	366.56
18	8	1841	1.80	-7.06e-02	0.79	0.94	-0.93	-21.41	-1182.32	-326.08	-877.65	510.76
18	8	1842	1.46	-0.23	0.67	0.55	-0.84	17.03	-1033.95	-281.58	-735.35	473.98
18	8	1843	2.09	-0.24	0.57	1.28	-1.11	186.62	-19.51	172.23	-5.11	-52.54
18	8	1844	1.96	-6.24e-02	0.83	1.06	-1.00	-11.46	-971.12	-248.03	-734.55	413.60
18	8	1845	1.62	-9.68e-02	0.73	0.79	-0.86	-13.08	-1198.54	-333.95	-877.67	526.71
18	8	1846	2.07	-7.24e-02	0.84	1.16	-1.06	24.48	-553.70	-85.64	-443.58	227.02
18	8	1847	1.77	-0.77	-0.53	1.52	-0.75	962.49	89.82	441.99	610.33	-428.14
18	8	1848	3.23	-5.01	-3.74	1.95	2.98	950.74	-1.20	5.40	944.14	-79.01
18	8	1849	3.87	-6.95	-4.18	1.11	4.72	401.12	-126.27	-85.02	359.87	141.61
18	8	1850	3.64	-8.25	-4.15	-0.46	5.65	123.22	-393.12	-164.18	-105.73	256.51
18	8	1851	2.84	-9.97	-5.06	-2.07	6.22	32.81	-610.46	-204.43	-373.22	310.36
18	8	1852	2.47	-1.35	1.67	-0.56	-1.55	185.44	-211.77	-14.53	-11.81	198.60
18	8	1853	1.25	-13.35	-10.98	-1.11	5.38	-15.58	-629.70	-194.31	-450.97	278.96
18	32	58	-0.38	-4.17	-3.93	-0.63	0.93	1675.64	923.02	1022.67	1575.99	-255.09
18	32	60	4.29	-1.29	3.63	-0.63	1.81	1084.09	273.12	1064.96	292.25	123.08
18	32	1770	-0.80	-2.20	-1.54	-1.46	0.70	674.51	338.67	497.45	515.73	-167.67
18	32	1771	3.80e-02	-1.88	-0.23	-1.61	0.67	83.95	-56.92	82.94	-55.91	11.91
18	32	1772	1.90e-02	-1.82	-0.27	-1.53	0.67	-36.98	-492.85	-120.80	-409.02	176.59
18	32	1773	3.82e-02	-1.69	-0.21	-1.44	0.61	-67.64	-780.21	-231.56	-616.29	299.89
18	32	1774	4.40e-02	-1.56	-0.17	-1.35	0.54	-64.82	-913.52	-277.26	-701.08	367.65
18	32	1775	3.19e-02	-1.43	-0.14	-1.26	0.47	-43.69	-906.66	-269.37	-680.98	379.24
18	32	1776	-4.27e-02	-1.29	-0.16	-1.17	0.37	-0.58	-772.77	-206.88	-566.47	341.67
18	32	1777	-0.24	-0.97	-0.36	-0.85	0.27	95.70	-520.14	-67.40	-357.04	271.74
18	32	1778	-0.46	-0.57	-0.52	-0.51	5.82e-02	367.28	-116.94	228.83	21.51	218.80
18	32	1780	8.91	-2.30	2.18	4.43	-5.49	-54.15	-466.06	-148.58	-371.62	173.15
18	32	1781	6.81	-1.11	-0.89	6.59	-1.29	-97.79	-548.87	-232.90	-413.76	206.61
18	32	1782	6.72	-2.06	-1.97	6.63	0.89	-66.51	-498.27	-227.29	-337.49	208.73
18	32	1783	5.58	-2.48	-2.07	5.16	1.78	19.48	-324.73	-169.51	-135.75	171.28
18	32	1784	4.23	-3.28	-2.50	3.44	2.30	243.26	-61.47	-27.86	209.65	95.47
18	32	1785	1.02	-4.57	-4.15	0.61	1.47	766.95	289.06	289.07	766.94	-1.98
18	32	1786	0.59	-6.32e-02	-6.06e-02	0.59	4.11e-02	510.58	-20.85	38.28	451.45	-167.11
18	32	1787	1.28	0.16	0.53	0.91	-0.52	-13.49	-247.40	-84.06	-176.82	107.37
18	32	1788	3.19	8.60e-03	0.90	2.31	-1.43	787.49	-34.31	129.31	623.87	-328.17
18	32	1789	5.41	0.17	1.53	4.05	-2.30	638.70	-16.17	137.05	485.48	-277.24
18	32	1790	5.44	8.00e-03	1.49	3.97	-2.42	145.87	3.26	39.52	109.61	-62.10
18	32	1791	5.06	-3.95e-03	1.38	3.67	-2.26	10.31	-342.55	-92.06	-240.19	160.13
18	32	1792	4.65	-1.59e-03	1.27	3.38	-2.07	11.16	-683.10	-183.87	-488.07	312.03
18	32	1793	4.26	-2.86e-04	1.16	3.10	-1.90	10.57	-864.35	-228.59	-625.19	389.93
18	32	1794	3.89	1.34e-03	1.06	2.83	-1.73	9.66	-895.29	-231.78	-653.85	400.25
18	32	1795	3.49	7.20e-03	0.96	2.54	-1.55	8.18	-787.12	-201.17	-577.77	350.24
18	32	1796	2.84	-4.45e-03	0.84	1.99	-1.30	3.65	-553.60	-146.06	-403.89	247.00
18	32	1799	-9.97	-53.22	-31.48	-31.71	21.62	-87.76	-364.72	-266.66	-185.82	132.45
18	32	1800	3.78	-18.38	1.51	-16.10	6.72	62.25	-428.49	-53.64	-312.59	208.43
18	32	1801	0.23	-13.23	-1.66	-11.34	4.68	29.78	-385.02	-81.43	-273.80	183.75
18	32	1802	2.48e-02	-8.47	-1.28	-7.17	3.06	40.26	-178.50	-57.26	-80.98	108.74
18	32	1803	4.67e-02	-3.62	-0.68	-2.90	1.46	230.79	-20.54	-19.96	230.21	-12.06
18	32	1834	-0.17	-0.27	-0.22	-0.22	-5.14e-02	34.16	-10.63	-7.23	30.76	-11.86
18	32	1835	3.86	2.25	3.84	2.27	0.19	248.25	-43.44	133.93	70.89	142.40
18	32	1836	1.24	-0.19	1.02	3.83e-02	0.52	72.38	-11.76	13.52	47.10	38.57
18	32	1837	0.99	-9.80	-9.77	0.96	-0.56	-22.87	-279.83	-70.45	-232.24	99.81
18	32	1838	3.75	-3.70	-2.12	2.16	-3.05	-1.53	-361.13	-57.51	-305.15	130.37
18	32	1839	1.56	-1.75	-1.70	1.51	0.41	989.84	-29.75	123.97	836.12	-364.83
18	32	1840	1.19	-0.57	0.51	0.11	-0.86	63.29	-521.63	-127.76	-330.58	274.32
18	32	1841	1.37	-5.39e-02	0.60	0.71	-0.71	-15.74	-882.92	-242.18	-656.48	380.90
18	32	1842	1.11	-0.18	0.51	0.42	-0.64	13.23	-773.79	-208.59	-551.98	354.08
18	32	1843	1.59	-0.18	0.44	0.97	-0.85	139.52	-13.64	128.78	-2.90	-39.12
18	32	1844	1.49	-4.77e-02	0.63	0.81	-0.76	-8.29	-724.47	-184.19	-548.57	308.28
18	32	1845	1.23	-7.37e-02	0.56	0.60	-0.65	-9.47	-895.97	-247.88	-657.56	393.08

18	32	1846	1.58	-5.52e-02	0.64	0.88	-0.81	18.60	-412.52	-63.35	-330.57	169.16
18	32	1847	1.36	-0.56	-0.37	1.16	-0.58	718.49	68.20	330.26	456.43	-318.96
18	32	1848	2.39	-3.60	-2.71	1.50	2.13	710.44	-0.10	4.83	705.51	-59.01
18	32	1849	2.85	-5.00	-3.04	0.89	3.40	300.94	-93.59	-63.12	270.46	105.33
18	32	1850	2.67	-5.95	-3.02	-0.26	4.09	93.29	-292.01	-122.86	-75.86	191.21
18	32	1851	2.09	-7.20	-3.69	-1.43	4.51	25.22	-453.92	-153.96	-274.74	231.83
18	32	1852	1.85	-1.01	1.26	-0.41	-1.16	140.66	-158.06	-8.08	-9.32	149.36
18	32	1853	0.98	-9.74	-8.07	-0.69	3.88	-12.23	-469.01	-148.97	-332.27	209.19
18	37	58	-0.36	-3.40	-3.21	-0.56	0.75	1494.60	834.78	921.95	1407.43	-223.42
18	37	60	3.88	-1.15	3.30	-0.58	1.59	1006.82	248.82	987.60	268.03	119.14
18	37	1770	-0.71	-1.91	-1.32	-1.30	0.60	603.96	307.87	447.49	464.34	-147.81
18	37	1771	3.79e-02	-1.64	-0.19	-1.42	0.57	79.90	-46.77	78.91	-45.78	11.15
18	37	1772	2.03e-02	-1.58	-0.22	-1.34	0.57	-27.76	-436.43	-102.01	-362.18	157.58
18	37	1773	3.77e-02	-1.46	-0.17	-1.26	0.52	-55.62	-694.63	-200.64	-549.61	267.65
18	37	1774	4.34e-02	-1.34	-0.13	-1.17	0.46	-54.02	-816.58	-241.97	-628.62	328.64
18	37	1775	3.35e-02	-1.23	-9.99e-02	-1.09	0.39	-36.07	-813.65	-235.75	-613.97	339.69
18	37	1776	-3.17e-02	-1.10	-0.12	-1.01	0.30	2.04	-696.51	-180.37	-514.11	306.83
18	37	1777	-0.21	-0.81	-0.30	-0.72	0.21	89.39	-471.54	-54.63	-327.52	245.04
18	37	1778	-0.39	-0.44	-0.44	-0.40	2.03e-02	338.43	-107.86	215.64	14.93	199.30
18	37	1780	7.64	-1.95	2.05	3.63	-4.73	-41.55	-408.75	-128.04	-322.26	155.81
18	37	1781	5.70	-0.94	-0.72	5.48	-1.18	-82.08	-480.93	-204.39	-358.62	183.91
18	37	1782	5.63	-1.71	-1.64	5.56	0.70	-52.89	-434.87	-197.24	-290.52	185.21
18	37	1783	4.69	-2.05	-1.72	4.36	1.45	23.80	-280.14	-144.59	-111.76	151.08
18	37	1784	3.57	-2.70	-2.07	2.94	1.89	222.47	-46.35	-17.57	193.68	83.12
18	37	1785	0.88	-3.77	-3.45	0.56	1.18	686.42	265.29	265.32	686.39	-3.50
18	37	1786	0.73	-8.33e-03	-8.01e-04	0.72	-7.41e-02	457.88	-18.45	34.91	404.52	-150.24
18	37	1787	1.13	0.15	0.47	0.81	-0.46	-12.46	-223.54	-75.00	-161.00	96.39
18	37	1788	3.00	4.36e-03	0.83	2.18	-1.34	704.33	-30.56	116.18	557.59	-293.78
18	37	1789	4.89	0.15	1.39	3.65	-2.08	571.12	-14.43	122.88	433.81	-248.08
18	37	1790	4.91	5.68e-03	1.34	3.58	-2.18	131.17	2.97	35.92	98.22	-56.03
18	37	1791	4.56	-3.57e-03	1.25	3.31	-2.03	9.19	-305.14	-81.34	-214.61	142.34
18	37	1792	4.18	-1.40e-03	1.14	3.04	-1.86	9.95	-610.46	-163.21	-437.30	278.29
18	37	1793	3.83	-2.53e-04	1.04	2.79	-1.70	9.47	-774.48	-203.24	-561.76	348.58
18	37	1794	3.48	1.20e-03	0.95	2.54	-1.55	8.74	-804.50	-206.34	-589.42	358.68
18	37	1795	3.12	6.42e-03	0.86	2.27	-1.39	7.48	-709.42	-179.25	-522.69	314.64
18	37	1796	2.53	-4.32e-03	0.75	1.77	-1.16	3.36	-500.22	-130.19	-366.67	222.30
18	37	1799	-8.50	-44.88	-26.88	-26.50	18.19	-81.69	-342.43	-257.51	-166.60	122.19
18	37	1800	3.26	-15.00	1.40	-13.14	5.52	59.45	-380.22	-46.49	-274.28	188.03
18	37	1801	0.20	-10.67	-1.33	-9.14	3.78	27.31	-338.83	-72.81	-238.72	163.19
18	37	1802	2.22e-02	-6.71	-1.02	-5.67	2.43	36.89	-154.79	-50.63	-67.28	95.48
18	37	1803	4.16e-02	-2.70	-0.52	-2.14	1.11	209.53	-17.78	-17.11	208.86	-12.29
18	37	1834	-0.15	-0.24	-0.20	-0.19	-4.56e-02	31.25	-9.75	-6.61	28.11	-10.90
18	37	1835	3.45	2.05	3.43	2.07	0.15	232.21	-38.90	127.68	65.63	131.96
18	37	1836	1.10	-0.17	0.89	3.22e-02	0.47	67.89	-9.48	15.13	43.28	36.04
18	37	1837	1.33	-8.35	-8.30	1.29	-0.68	-24.56	-248.63	-69.37	-203.82	89.63
18	37	1838	3.57	-3.07	-1.59	2.09	-2.76	-4.41	-318.02	-55.78	-266.65	116.07
18	37	1839	1.43	-1.43	-1.40	1.40	0.29	884.69	-24.51	113.22	746.96	-325.97
18	37	1840	1.09	-0.51	0.47	0.12	-0.78	58.83	-471.78	-110.53	-302.43	247.35
18	37	1841	1.26	-4.95e-02	0.55	0.66	-0.65	-13.60	-790.58	-213.38	-590.81	339.57
18	37	1842	1.02	-0.16	0.47	0.39	-0.59	12.84	-697.54	-183.27	-501.43	317.58
18	37	1843	1.48	-0.16	0.42	0.90	-0.78	126.30	-11.27	116.45	-1.42	-35.46
18	37	1844	1.37	-4.39e-02	0.58	0.74	-0.70	-6.86	-646.74	-161.85	-491.75	274.13
18	37	1845	1.13	-6.73e-02	0.51	0.55	-0.60	-7.90	-804.88	-218.45	-594.33	351.39
18	37	1846	1.45	-5.06e-02	0.59	0.82	-0.74	17.43	-366.95	-54.49	-295.03	149.91
18	37	1847	1.28	-0.47	-0.27	1.08	-0.56	642.47	62.81	296.61	408.66	-284.36
18	37	1848	2.08	-2.89	-2.22	1.41	1.69	635.84	2.66	7.33	631.17	-54.16
18	37	1849	2.44	-4.03	-2.50	0.91	2.75	271.13	-80.00	-54.19	245.33	91.63
18	37	1850	2.28	-4.81	-2.48	-4.84e-02	3.33	85.09	-255.08	-108.69	-61.30	168.42
18	37	1851	1.78	-5.86	-3.07	-1.01	3.68	23.57	-399.39	-138.31	-237.51	205.59
18	37	1852	1.68	-0.89	1.14	-0.36	-1.05	130.51	-142.29	-2.15	-9.63	136.35
18	37	1853	0.97	-8.11	-6.84	-0.29	3.14	-11.72	-415.25	-138.43	-288.54	187.28

M_G	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		-72.63	-42.73	-43.45	-7.44		-1224.45	-375.25	-938.96	-489.28
	12.09		5.14	9.07	29.54	2245.66		1403.74	2110.28	535.77

Macro	Tipo	Angolo 1-X (gradi)
19	Guscio	0.0

M_G	Cmb	Nodo	N max daN/cm	N min daN/cm	N 1 daN/cm	N 2 daN/cm	N 1-2 daN/cm	M max daN	M min daN	M 1 daN	M 2 daN	M 1-2 daN
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19	21	44	2.74	-9.92	-4.73	-2.45	-6.22	3289.62	663.57	3262.22	690.96	-266.82
19	21	52	33.73	-27.32	3.82	2.59	30.52	7243.11	-3117.12	358.15	3767.84	-4891.53
19	21	56	22.45	11.64	22.37	11.72	-0.93	1451.41	697.67	1328.36	820.72	278.58
19	21	1804	161.75	0.13	1.25	160.63	-13.40	4359.93	-90.42	-87.44	4356.95	115.14
19	21	1805	-56.29	-93.98	-58.38	-91.90	-8.61	7291.83	-241.35	-231.80	7282.28	268.14
19	21	1809	37.15	-25.69	-23.19	34.66	-12.27	5034.00	-569.59	-537.46	5001.87	423.11
19	21	1854	-0.96	-8.57	-8.26	-1.27	-1.50	1877.36	234.32	1876.33	235.35	41.17
19	21	1855	-1.14	-8.72	-7.56	-2.30	2.73	981.73	-215.78	980.69	-214.75	-35.21
19	21	1856	2.04	-10.50	-5.44	-3.03	6.15	392.28	-276.99	352.80	-237.52	-157.67
19	21	1857	5.75	-10.94	-1.42	-3.76	8.26	109.33	-347.03	-72.27	-165.44	-223.38
19	21	1858	9.51	-10.12	3.47	-4.08	9.06	89.42	-445.28	-261.85	-94.01	-253.84
19	21	1859	14.46	-6.67	9.18	-1.38	9.15	203.64	-335.56	-168.94	37.02	-249.16
19	21	1860	23.78	-0.55	15.03	8.20	11.68	489.62	90.12	292.02	287.72	-199.74
19	21	1861	23.97	-10.35	20.02	-6.40	-10.95	1974.21	200.87	1971.95	203.13	-63.26
19	21	1862	14.33	-17.19	11.67	-14.52	-8.77	1372.70	36.02	1348.13	60.59	179.58
19	21	1863	4.23	-15.83	3.83	-15.43	-2.81	889.11	10.25	759.98	139.37	311.14
19	21	1864	1.39	-18.08	0.78	-17.46	-3.40	711.69	-47.49	278.56	385.64	375.79
19	21	1865	2.49	-20.77	1.65	-19.93	-4.34	928.92	-175.35	-34.92	788.49	367.90
19	21	1866	5.32	-23.03	4.92	-22.63	-3.37	1330.31	-508.92	-435.75	1257.14	359.48
19	21	1867	-12.57	-34.26	-23.25	-23.58	10.84	1190.79	-1496.55	-1407.05	1101.29	482.18
19	21	1868	12.62	0.10	8.42	4.30	5.91	-12.00	-207.18	-91.50	-127.69	-95.90
19	21	1869	20.86	-28.30	19.51	-26.95	8.04	2868.13	-381.58	-317.44	2803.99	-452.02
19	21	1870	23.83	-1.62	22.09	0.11	6.42	818.21	-188.31	704.77	-74.88	-318.29
19	21	1871	15.91	-10.24	8.63	-2.96	11.72	179.44	-454.68	-205.74	-69.50	-309.66
19	21	1872	60.42	22.46	50.88	32.00	16.46	2588.01	-754.89	2395.47	-562.35	778.83
19	21	1873	16.47	-5.33	8.95	2.19	10.37	126.17	-328.04	-106.85	-95.01	-227.03
19	21	1874	16.64	-5.53	12.45	-1.34	8.67	371.09	-270.69	185.45	-85.04	-291.00
19	21	1875	15.91	-7.70	10.22	-2.00	10.10	238.18	-369.15	-57.23	-73.74	-303.55
19	21	1876	16.09	-10.29	10.33	-4.54	10.89	-56.34	-249.91	-219.96	-86.29	-70.00
19	21	1877	12.41	-1.88	0.30	10.24	-5.13	951.00	-362.63	66.77	521.60	616.19
19	21	1878	-1.46	-19.72	-5.10	-16.08	-7.29	2481.05	542.33	2480.83	542.55	-20.71
19	21	1879	88.82	-1.64	-1.03	88.21	-7.43	2960.18	-46.07	-23.94	2938.04	257.00
19	21	1880	64.76	-0.29	-4.09e-02	64.52	-3.98	1669.85	-32.74	42.33	1594.79	349.53
19	21	1881	50.43	-0.26	-0.11	50.28	-2.75	1203.40	-103.89	-4.37	1103.88	346.71
19	21	1882	42.30	-0.12	-3.51e-02	42.21	-1.95	887.51	-139.98	-17.74	765.27	332.65
19	21	1883	36.09	-0.11	-3.17e-02	36.01	-1.73	686.12	-197.05	-21.73	510.79	352.29
19	21	1884	29.41	-0.64	-0.54	29.31	-1.74	563.74	-318.85	-55.12	300.01	404.00
19	21	1885	22.71	-7.52	-6.92	22.11	-4.22	454.88	-687.67	-284.15	51.37	546.09
19	21	1886	46.87	-5.19	46.81	-5.14	-1.72	1322.07	-27.35	1229.00	65.72	-341.95
19	21	1887	39.01	-0.32	39.00	-0.31	-0.39	719.12	-59.67	635.35	24.10	-241.29
19	21	1888	31.55	0.12	31.55	0.12	-0.27	318.64	-102.03	214.24	2.36	-181.71
19	21	1889	22.82	0.13	22.82	0.13	-4.84e-02	137.67	-184.76	-60.92	13.83	-156.82
19	21	1890	11.85	0.20	11.85	0.21	0.30	82.07	-287.78	-217.86	12.16	-144.81
19	21	1891	0.67	-3.79	-3.39	0.27	1.28	48.96	-321.01	-267.40	-4.66	-130.23
19	21	1892	0.61	-25.75	-25.74	0.59	0.64	97.42	-368.49	-357.95	86.88	-69.27
19	21	1893	29.45	15.56	22.58	22.43	6.94	699.58	432.90	691.82	440.66	-44.82
19	21	1894	18.23	-3.27	12.37	2.58	9.57	311.20	-164.22	6.77	140.21	-228.15
19	21	1895	11.74	-8.84	6.24	-3.34	9.11	133.34	-425.23	-253.46	-38.43	-257.76
19	21	1896	7.62	-10.72	0.94	-4.05	8.82	79.05	-411.03	-198.97	-133.01	-242.81
19	21	1897	3.90	-10.89	-3.60	-3.39	7.39	207.58	-294.45	113.18	-200.06	-196.16
19	21	1898	0.67	-9.87	-6.70	-2.50	4.83	654.76	-266.67	643.42	-255.33	-101.58
19	21	1899	-2.34	-7.88	-7.75	-2.46	0.81	1378.93	-52.21	1378.53	-51.81	23.87
19	21	1900	17.02	2.88	14.07	5.82	-5.74	1645.25	-269.41	1630.38	-254.54	168.07
19	21	1901	21.04	-8.39	18.52	-5.87	-8.22	1922.38	24.56	1896.12	50.82	221.69
19	21	1902	9.32	-0.50	9.25	-0.43	0.82	1446.82	-92.38	1439.70	-85.26	104.39
19	21	1903	15.31	-10.50	8.11	-3.30	11.57	166.72	-469.10	-254.23	-48.14	-300.75
19	21	1904	16.82	-8.33	9.54	-1.05	11.40	204.25	-404.37	-187.65	-12.48	-291.44
19	21	1905	13.62	-11.15	6.30	-3.82	11.30	140.22	-459.44	-242.36	-76.86	-288.18
19	21	1906	12.65	-10.72	5.37	-3.43	10.83	142.29	-417.41	-179.65	-95.48	-276.67
19	21	1907	11.74	-9.86	4.82	-2.93	10.08	175.56	-346.94	-55.21	-116.17	-259.46
19	21	1908	18.49	-4.51	10.27	3.70	11.02	262.33	-263.84	-23.67	22.16	-262.08
19	21	1909	10.46	-8.49	4.28	-2.32	8.88	289.02	-263.89	167.31	-142.18	-229.09
19	21	1910	9.62	-6.52	4.48	-1.37	7.52	536.40	-211.50	489.60	-164.70	-181.14
19	21	1911	13.11	-11.29	4.25	-2.43	11.73	185.13	-507.86	-286.07	-36.67	-323.28
19	21	1912	10.75	-4.01	6.68	5.68e-02	6.59	800.30	-184.75	780.95	-165.40	-136.70
19	21	1913	14.91	-6.35	9.91	-1.34	9.02	235.31	-475.98	-212.56	-28.10	-343.48
19	21	1914	18.53	-3.24	16.04	-0.74	6.93	323.63	-398.93	-52.64	-22.65	-360.97
19	21	1915	8.43	-1.14	6.50	0.80	3.85	1108.06	-153.52	1107.81	-153.27	-17.78
19	21	1916	22.89	-1.98	21.44	-0.52	5.84	504.07	-281.45	247.75	-25.13	-368.30
19	21	1917	28.00	2.86	24.99	5.87	8.15	1419.76	-199.72	1389.08	-169.04	-220.78
19	21	1918	18.26	1.20	8.31	11.15	8.41	310.93	-110.68	198.64	1.61	-186.37
19	21	1919	15.11	-3.77	5.47	5.86	-9.44	2097.56	-272.01	-80.27	1905.81	646.21
19	21	1920	12.05	-1.60	0.37	10.09	-4.79	957.88	-427.15	231.73	298.99	691.70
19	21	1921	23.39	-8.34	22.43	-7.37	-5.46	1515.12	-307.58	1375.31	-167.77	485.06
19	21	1922	14.08	-1.37	0.99	11.72	-5.56	1092.31	-355.45	-51.58	788.43	589.58
19	21	1923	10.19	5.35	5.36	10.18	-0.22	1226.57	-581.48	632.94	12.16	849.07
19	21	1924	15.58	-1.96	2.42	11.20	-7.59	1394.29	-404.74	-165.11	1154.66	611.30

19	21	1925	16.34	-4.28	12.88	-0.82	7.70	552.75	-206.27	453.38	-106.90	-256.02
19	21	1926	15.91	-1.10	3.15	11.66	7.36	378.39	-16.09	260.29	102.00	-180.66
19	21	1927	39.58	-6.81	7.38	25.39	-21.37	2654.34	62.51	62.55	2654.30	10.02
19	21	1928	16.86	-13.50	4.51	-1.15	14.91	15.37	-518.75	-360.98	-142.40	-243.67
19	21	1929	5.90	-2.35	5.82	-2.27	0.81	1793.49	60.22	1774.32	79.39	181.29
19	21	1930	16.49	-11.49	8.72	-3.72	12.53	161.62	-489.83	-259.38	-68.82	-311.48
19	21	1931	16.37	-9.60	8.58	-1.82	11.90	137.21	-449.70	-232.55	-79.94	-283.36
19	22	44	3.09	-11.01	-5.09	-2.84	-6.96	3548.81	708.00	3519.33	737.47	-287.86
19	22	52	32.65	-29.03	3.88	-0.25	30.77	7197.76	-3166.27	275.85	3755.64	-4881.19
19	22	56	25.08	12.39	25.02	12.44	-0.85	1552.20	742.78	1420.66	874.31	298.60
19	22	1804	169.36	0.17	1.25	168.28	-13.51	4331.83	-97.99	-94.57	4328.41	123.10
19	22	1805	-57.04	-94.15	-59.46	-91.74	-9.16	7256.13	-265.53	-254.46	7245.06	288.33
19	22	1809	41.08	-25.74	-23.21	38.55	-12.74	5003.74	-584.35	-548.60	4967.99	445.53
19	22	1854	-1.14	-9.22	-8.94	-1.42	-1.49	2035.08	267.03	2033.51	268.60	52.78
19	22	1855	-0.93	-9.55	-8.03	-2.44	3.28	1076.06	-219.37	1075.61	-218.93	-24.09
19	22	1856	2.77	-11.49	-5.53	-3.19	7.03	440.92	-286.37	407.01	-252.46	-153.36
19	22	1857	6.96	-11.84	-0.97	-3.92	9.28	121.04	-348.12	-45.42	-181.66	-224.47
19	22	1858	11.20	-10.92	4.51	-4.22	10.16	89.38	-447.79	-248.86	-109.55	-259.40
19	22	1859	16.59	-7.26	10.84	-1.50	10.21	209.74	-337.26	-154.54	27.01	-258.00
19	22	1860	26.16	-0.29	17.31	8.56	12.48	520.87	100.31	328.06	293.13	-209.55
19	22	1861	26.48	-11.46	22.15	-7.14	-12.06	2110.35	218.69	2107.17	221.87	-77.56
19	22	1862	15.87	-19.00	12.96	-16.09	-9.64	1450.79	44.25	1427.90	67.13	177.96
19	22	1863	4.70	-17.45	4.28	-17.03	-3.02	928.07	13.39	801.85	139.61	315.47
19	22	1864	1.51	-19.88	0.86	-19.23	-3.67	725.49	-47.30	295.87	382.32	383.97
19	22	1865	2.67	-22.81	1.77	-21.91	-4.72	932.22	-176.78	-29.65	785.09	376.19
19	22	1866	5.65	-25.27	5.20	-24.82	-3.70	1331.42	-512.22	-435.57	1254.77	368.02
19	22	1867	-14.24	-36.38	-24.62	-26.00	11.05	1184.67	-1516.31	-1423.63	1091.99	491.68
19	22	1868	12.65	-0.73	8.11	3.82	6.34	-0.98	-210.47	-77.68	-133.77	-100.92
19	22	1869	20.65	-28.26	19.32	-26.93	7.94	2836.09	-396.29	-339.38	2779.19	-425.10
19	22	1870	26.32	-1.89	24.27	0.16	7.32	887.33	-177.32	783.64	-73.63	-315.66
19	22	1871	17.44	-11.16	9.31	-3.02	12.90	191.91	-449.06	-183.35	-73.80	-315.77
19	22	1872	67.29	25.17	56.42	36.03	18.43	2764.84	-773.00	2551.39	-559.55	842.38
19	22	1873	17.41	-6.51	9.20	1.70	11.36	143.74	-333.43	-82.53	-107.16	-238.26
19	22	1874	18.47	-6.17	13.69	-1.39	9.74	405.68	-259.62	232.84	-86.78	-291.75
19	22	1875	17.58	-8.47	11.17	-2.06	11.22	257.49	-358.95	-24.83	-76.63	-307.13
19	22	1876	15.72	-12.11	9.30	-5.69	11.72	-62.72	-246.51	-209.47	-99.76	-73.73
19	22	1877	13.84	-2.00	0.32	11.52	-5.60	969.27	-373.16	74.94	521.16	633.05
19	22	1878	-1.60	-21.83	-5.48	-17.94	-7.97	2681.52	592.52	2681.38	592.67	-17.34
19	22	1879	96.11	-1.68	-1.06	95.49	-7.77	2939.91	-49.26	-25.61	2916.26	264.82
19	22	1880	71.04	-0.25	1.13e-03	70.79	-4.23	1658.24	-36.78	43.50	1577.95	360.06
19	22	1881	55.81	-0.28	-0.12	55.65	-3.00	1202.06	-109.25	-5.12	1097.93	354.54
19	22	1882	47.00	-0.13	-3.47e-02	46.90	-2.15	891.07	-145.86	-18.54	763.75	340.31
19	22	1883	40.21	-0.13	-3.46e-02	40.12	-1.91	695.29	-205.20	-22.68	512.76	362.00
19	22	1884	32.91	-0.71	-0.60	32.80	-1.93	579.79	-331.81	-58.05	306.03	417.86
19	22	1885	25.61	-8.34	-7.69	24.96	-4.67	473.90	-717.94	-302.46	58.42	567.95
19	22	1886	51.35	-5.85	51.28	-5.79	-1.92	1426.97	-25.55	1337.57	63.85	-349.09
19	22	1887	42.41	-0.38	42.40	-0.37	-0.41	790.24	-53.31	712.44	24.50	-244.08
19	22	1888	33.99	0.12	33.99	0.12	-0.28	361.58	-92.55	266.55	2.48	-184.73
19	22	1889	24.29	0.13	24.29	0.13	-4.37e-02	155.53	-166.85	-25.40	14.08	-159.98
19	22	1890	12.36	0.19	12.35	0.20	0.31	89.78	-270.44	-193.02	12.35	-147.97
19	22	1891	0.61	-4.22	-3.84	0.23	1.31	53.24	-307.33	-249.02	-5.07	-132.75
19	22	1892	0.74	-27.39	-27.37	0.72	0.83	99.24	-352.02	-341.90	89.12	-66.84
19	22	1893	31.98	17.15	25.20	23.94	7.39	756.59	448.65	749.16	456.08	-47.23
19	22	1894	20.50	-3.56	14.34	2.60	10.50	326.38	-161.09	28.98	136.31	-237.76
19	22	1895	13.67	-9.57	7.59	-3.49	10.22	134.72	-428.58	-241.82	-52.04	-265.18
19	22	1896	9.06	-11.57	1.69	-4.20	9.89	81.73	-411.76	-180.80	-149.23	-246.24
19	22	1897	4.87	-11.84	-3.43	-3.55	8.36	235.96	-299.85	152.08	-215.96	-194.71
19	22	1898	1.19	-10.83	-7.01	-2.64	5.60	725.08	-275.96	716.22	-267.09	-93.77
19	22	1899	-2.44	-8.54	-8.32	-2.66	1.13	1501.31	-41.34	1500.42	-40.45	37.03
19	22	1900	18.57	3.57	15.45	6.69	-6.09	1773.92	-273.02	1755.32	-254.42	194.24
19	22	1901	23.24	-9.11	20.52	-6.39	-8.98	2069.09	38.09	2040.62	66.57	238.81
19	22	1902	10.43	-0.47	10.30	-0.34	1.19	1570.66	-85.76	1561.01	-76.12	126.01
19	22	1903	17.05	-11.54	8.96	-3.45	12.88	175.31	-470.44	-238.87	-56.25	-309.69
19	22	1904	18.61	-9.34	10.55	-1.28	12.66	216.70	-406.89	-170.37	-19.82	-302.57
19	22	1905	15.30	-12.14	7.09	-3.93	12.57	147.27	-458.13	-225.25	-85.61	-294.54
19	22	1906	14.29	-11.69	6.12	-3.52	12.06	151.36	-413.13	-157.81	-103.97	-280.96
19	22	1907	13.31	-10.81	5.54	-3.03	11.27	191.43	-340.43	-24.93	-124.07	-261.27
19	22	1908	20.20	-5.22	11.43	3.55	12.08	282.67	-266.14	0.20	16.33	-274.29
19	22	1909	11.94	-9.40	4.97	-2.42	10.01	321.57	-259.33	211.54	-149.30	-227.62
19	22	1910	11.05	-7.31	5.15	-1.41	8.57	593.96	-210.03	553.61	-169.67	-175.54
19	22	1911	13.82	-12.10	4.20	-2.48	12.52	195.04	-501.87	-266.92	-39.91	-329.45
19	22	1912	12.28	-4.59	7.52	0.17	7.59	878.07	-182.50	862.57	-167.00	-127.28
19	22	1913	16.01	-6.87	10.50	-1.36	9.78	250.17	-467.48	-188.09	-29.22	-349.92
19	22	1914	20.09	-3.59	17.27	-0.77	7.66	346.11	-386.19	-17.45	-22.63	-366.14
19	22	1915	9.69	-1.39	7.30	1.00	4.57	1209.18	-150.92	1209.18	-150.91	-1.90
19	22	1916	25.01	-2.24	23.32	-0.55	6.56	543.61	-266.58	301.38	-24.35	-370.92
19	22	1917	31.15	3.03	27.58	6.60	9.35	1530.99	-193.74	1505.31	-168.06	-208.88

19	22	1918	19.55	1.21	9.37	11.39	9.11	345.02	-116.15	233.87	-5.00	-197.24
19	22	1919	16.53	-3.74	5.58	7.21	-10.10	2101.50	-292.71	-89.27	1898.06	667.60
19	22	1920	13.47	-1.67	0.41	11.39	-5.22	989.07	-440.29	248.59	300.19	714.21
19	22	1921	25.92	-9.08	24.87	-8.02	-5.97	1612.33	-311.53	1467.18	-166.38	508.11
19	22	1922	15.64	-1.46	1.06	13.12	-6.06	1102.17	-364.69	-48.57	786.05	603.14
19	22	1923	11.52	5.99	5.99	11.51	-0.12	1288.28	-599.34	674.88	14.06	884.08
19	22	1924	17.18	-2.06	2.54	12.57	-8.21	1399.14	-416.25	-167.21	1150.10	624.57
19	22	1925	18.23	-4.83	14.23	-0.83	8.74	606.33	-198.01	516.48	-108.16	-253.37
19	22	1926	16.99	-0.36	4.19	12.43	7.64	412.94	-17.83	286.04	109.06	-196.37
19	22	1927	42.11	-6.40	7.25	28.46	-21.81	2631.71	56.69	56.95	2631.44	26.01
19	22	1928	17.28	-14.79	3.80	-1.31	15.83	17.13	-515.27	-345.98	-152.16	-247.94
19	22	1929	6.65	-2.56	6.51	-2.42	1.11	1940.64	77.50	1918.22	99.93	203.16
19	22	1930	17.83	-12.55	9.09	-3.80	13.76	172.50	-488.33	-241.23	-74.61	-319.74
19	22	1931	17.61	-10.99	8.77	-2.14	13.22	148.26	-450.65	-213.31	-89.08	-292.95
19	35	44	2.13	-7.38	-3.48	-1.76	-4.68	2460.11	503.12	2439.33	523.91	-200.62
19	35	52	25.51	-20.31	2.89	2.30	22.91	5461.22	-2340.95	280.20	2840.07	-3685.14
19	35	56	16.79	8.73	16.73	8.79	-0.69	1089.61	523.77	997.14	616.24	209.22
19	35	1804	120.94	9.27e-02	0.94	120.10	-10.08	3286.04	-67.11	-64.92	3283.85	85.68
19	35	1805	-42.28	-70.64	-43.81	-69.11	-6.41	5495.70	-178.89	-171.88	5488.69	199.41
19	35	1809	27.58	-19.32	-17.45	25.70	-9.18	3794.11	-426.95	-403.23	3770.38	315.58
19	35	1854	-0.67	-6.39	-6.14	-0.92	-1.17	1401.26	176.64	1400.56	177.35	29.33
19	35	1855	-0.87	-6.49	-5.65	-1.71	2.01	730.72	-161.18	729.86	-160.32	-27.73
19	35	1856	1.49	-7.85	-4.08	-2.27	4.58	290.27	-207.91	259.86	-177.51	-119.26
19	35	1857	4.27	-8.18	-1.09	-2.82	6.16	80.71	-262.21	-57.94	-123.57	-168.29
19	35	1858	7.08	-7.57	2.56	-3.06	6.76	67.00	-336.08	-199.08	-70.01	-190.92
19	35	1859	10.79	-4.99	6.83	-1.02	6.85	152.96	-252.91	-128.32	28.37	-187.20
19	35	1860	17.82	-0.44	11.21	6.17	8.77	367.47	67.64	218.56	216.55	-149.91
19	35	1861	17.91	-7.68	14.95	-4.71	-8.19	1477.22	152.62	1475.57	154.26	-46.60
19	35	1862	10.70	-12.76	8.72	-10.77	-6.53	1026.87	26.25	1008.26	44.86	135.17
19	35	1863	3.15	-11.74	2.86	-11.45	-2.06	664.92	5.71	567.84	102.79	233.60
19	35	1864	1.02	-13.40	0.58	-12.95	-2.50	532.12	-37.22	207.41	287.49	281.84
19	35	1865	1.84	-15.40	1.23	-14.78	-3.20	695.70	-132.74	-27.58	590.54	275.79
19	35	1866	3.96	-17.08	3.67	-16.79	-2.47	998.52	-383.40	-328.77	943.89	269.29
19	35	1867	-9.26	-25.58	-17.36	-17.47	8.16	895.90	-1124.53	-1057.64	829.02	361.49
19	35	1868	9.51	0.13	6.35	3.29	4.43	-9.52	-155.81	-69.33	-96.00	-71.92
19	35	1869	15.73	-21.26	14.71	-20.23	6.08	2163.42	-285.72	-236.32	2114.02	-344.30
19	35	1870	17.86	-1.20	16.58	8.52e-02	4.78	609.29	-142.21	523.11	-56.03	-239.46
19	35	1871	11.93	-7.65	6.50	-2.22	8.76	133.82	-343.45	-157.54	-52.09	-232.74
19	35	1872	45.24	16.83	38.10	23.97	12.33	1933.42	-566.00	1789.89	-422.47	581.50
19	35	1873	12.38	-3.94	6.74	1.70	7.76	94.03	-246.72	-81.54	-71.15	-170.30
19	35	1874	12.46	-4.11	9.36	-1.01	6.47	275.75	-204.90	134.54	-63.68	-218.93
19	35	1875	11.92	-5.74	7.69	-1.50	7.54	177.26	-279.34	-46.83	-55.26	-228.26
19	35	1876	12.15	-7.61	7.86	-3.32	8.14	-42.50	-188.49	-166.26	-64.73	-52.45
19	35	1877	9.25	-1.38	0.22	7.66	-3.80	711.91	-272.74	49.45	389.72	461.99
19	35	1878	-1.00	-14.65	-3.77	-11.89	-5.49	1853.61	408.82	1853.42	409.02	-16.89
19	35	1879	66.10	-1.23	-0.77	65.64	-5.55	2230.51	-34.26	-17.79	2214.03	192.45
19	35	1880	48.15	-0.22	-3.50e-02	47.97	-2.97	1256.94	-24.21	31.73	1201.00	261.80
19	35	1881	37.49	-0.20	-8.50e-02	37.38	-2.04	903.74	-77.73	-3.15	829.16	260.07
19	35	1882	31.47	-9.30e-02	-2.62e-02	31.41	-1.45	665.15	-105.04	-13.23	573.33	249.57
19	35	1883	26.89	-8.51e-02	-2.37e-02	26.82	-1.29	513.31	-148.03	-16.22	381.51	264.19
19	35	1884	21.94	-0.48	-0.40	21.87	-1.30	421.30	-239.41	-41.20	223.08	302.77
19	35	1885	16.98	-5.63	-5.18	16.53	-3.15	339.92	-515.26	-212.30	36.97	409.02
19	35	1886	35.11	-3.89	35.07	-3.84	-1.29	985.92	-20.78	915.69	49.44	-256.44
19	35	1887	29.26	-0.24	29.26	-0.23	-0.30	534.66	-45.47	471.12	18.08	-181.18
19	35	1888	23.71	8.78e-02	23.71	8.96e-02	-0.20	235.60	-77.84	156.00	1.76	-136.44
19	35	1889	17.19	0.10	17.19	0.10	-3.81e-02	101.85	-141.17	-49.71	10.39	-117.73
19	35	1890	8.99	0.15	8.98	0.16	0.22	61.02	-218.63	-166.75	9.14	-108.70
19	35	1891	0.51	-2.75	-2.44	0.20	0.96	36.40	-243.06	-203.20	-3.46	-97.73
19	35	1892	0.44	-19.19	-19.18	0.43	0.46	73.08	-278.56	-270.64	65.16	-52.17
19	35	1893	22.09	11.64	16.89	16.84	5.23	524.83	325.55	519.03	331.35	-33.51
19	35	1894	13.63	-2.45	9.22	1.96	7.17	233.66	-123.80	4.03	105.82	-171.33
19	35	1895	8.75	-6.62	4.63	-2.50	6.80	100.13	-320.67	-192.25	-28.28	-193.77
19	35	1896	5.66	-8.03	0.68	-3.04	6.59	58.83	-310.54	-152.45	-99.26	-182.76
19	35	1897	2.89	-8.14	-2.71	-2.54	5.51	153.04	-221.88	80.65	-149.49	-147.99
19	35	1898	0.47	-7.36	-5.02	-1.88	3.59	486.19	-199.63	477.35	-190.79	-77.35
19	35	1899	-1.74	-5.86	-5.78	-1.82	0.57	1028.04	-38.40	1027.78	-38.15	16.42
19	35	1900	12.76	2.17	10.55	4.39	-4.31	1227.84	-201.25	1216.83	-190.23	124.97
19	35	1901	15.74	-6.23	13.84	-4.32	-6.18	1436.20	19.91	1416.51	39.60	165.83
19	35	1902	6.98	-0.33	6.93	-0.29	0.57	1078.81	-68.32	1073.62	-63.14	76.95
19	35	1903	11.45	-7.84	6.08	-2.47	8.65	124.82	-353.75	-193.03	-35.90	-226.02
19	35	1904	12.59	-6.21	7.15	-0.76	8.53	153.03	-304.66	-142.52	-9.10	-218.90
19	35	1905	10.18	-8.33	4.72	-2.87	8.44	104.81	-346.89	-184.65	-57.42	-216.70
19	35	1906	9.46	-8.01	4.02	-2.58	8.08	106.07	-315.53	-138.08	-71.39	-208.15
19	35	1907	8.77	-7.36	3.61	-2.20	7.52	130.36	-262.52	-45.26	-86.90	-195.33
19	35	1908	13.86	-3.36	7.68	2.82	8.26	196.56	-198.57	-18.92	16.90	-196.75
19	35	1909	7.81	-6.33	3.22	-1.75	6.62	214.08	-199.39	121.04	-106.35	-172.67
19	35	1910	7.18	-4.85	3.37	-1.03	5.60	398.08	-159.08	362.15	-123.15	-136.85

19	35	1911	9.87	-8.43	3.27	-1.82	8.79	138.29	-383.06	-217.25	-27.52	-242.80
19	35	1912	8.03	-2.97	5.02	4.36e-02	4.90	595.14	-138.55	580.21	-123.62	-103.60
19	35	1913	11.22	-4.73	7.50	-1.01	6.75	175.62	-359.50	-162.76	-21.11	-258.02
19	35	1914	13.93	-2.41	12.07	-0.56	5.18	241.30	-301.81	-43.51	-17.01	-271.23
19	35	1915	6.30	-0.81	4.88	0.61	2.84	825.18	-114.59	824.95	-114.36	-14.59
19	35	1916	17.18	-1.47	16.10	-0.39	4.35	375.43	-213.21	181.06	-18.83	-276.83
19	35	1917	20.96	2.17	18.73	4.40	6.08	1058.83	-149.90	1035.43	-126.50	-166.53
19	35	1918	13.71	0.90	6.20	8.41	6.31	232.79	-83.00	148.32	1.47	-139.79
19	35	1919	11.22	-2.80	4.10	4.32	-7.01	1576.86	-202.19	-59.37	1434.04	483.41
19	35	1920	9.00	-1.17	0.27	7.56	-3.54	716.73	-321.32	172.94	222.47	518.44
19	35	1921	17.49	-6.18	16.77	-5.46	-4.07	1132.92	-231.03	1027.95	-126.05	363.54
19	35	1922	10.48	-1.00	0.73	8.74	-4.11	818.63	-267.09	-39.18	590.71	442.16
19	35	1923	7.66	4.00	4.00	7.66	-0.13	917.53	-436.95	472.95	7.63	636.02
19	35	1924	11.58	-1.43	1.81	8.34	-5.62	1046.59	-303.57	-124.11	867.13	458.36
19	35	1925	12.23	-3.18	9.67	-0.62	5.73	410.75	-155.73	335.00	-79.98	-192.81
19	35	1926	11.95	-0.88	2.32	8.75	5.55	283.70	-11.81	195.18	76.72	-135.36
19	35	1927	29.54	-5.13	5.58	18.84	-16.02	2000.65	47.67	47.68	2000.63	5.40
19	35	1928	12.69	-10.06	3.49	-0.85	11.17	11.14	-390.72	-272.79	-106.79	-182.99
19	35	1929	4.42	-1.70	4.37	-1.65	0.54	1338.63	46.56	1324.45	60.73	134.61
19	35	1930	12.37	-8.58	6.58	-2.79	9.37	120.69	-369.40	-197.12	-51.59	-233.99
19	35	1931	12.28	-7.14	6.48	-1.33	8.89	102.44	-338.78	-176.47	-59.88	-212.77
19	36	44	2.37	-8.11	-3.72	-2.02	-5.17	2632.91	532.75	2610.74	554.92	-214.65
19	36	52	24.78	-21.44	2.93	0.41	23.08	5430.95	-2373.69	225.33	2831.93	-3678.25
19	36	56	18.54	9.22	18.49	9.27	-0.64	1156.80	553.84	1058.67	651.96	222.57
19	36	1804	126.02	0.12	0.94	125.19	-10.16	3267.30	-72.15	-69.67	3264.82	90.99
19	36	1805	-42.78	-70.76	-44.53	-69.01	-6.77	5471.89	-194.99	-186.99	5463.88	212.87
19	36	1809	30.19	-19.35	-17.46	28.30	-9.50	3773.90	-436.76	-410.66	3747.80	330.52
19	36	1854	-0.79	-6.82	-6.59	-1.02	-1.16	1506.39	198.46	1505.34	199.52	37.07
19	36	1855	-0.73	-7.04	-5.96	-1.81	2.38	793.57	-163.53	793.14	-163.10	-20.32
19	36	1856	1.98	-8.50	-4.14	-2.38	5.16	322.55	-214.02	296.00	-187.47	-116.38
19	36	1857	5.07	-8.78	-0.79	-2.93	6.84	88.27	-262.69	-40.04	-134.39	-169.02
19	36	1858	8.20	-8.11	3.25	-3.16	7.50	66.87	-337.65	-190.42	-80.36	-194.63
19	36	1859	12.21	-5.38	7.93	-1.11	7.55	156.95	-253.97	-118.72	21.69	-193.09
19	36	1860	19.40	-0.26	12.73	6.41	9.31	388.23	74.52	242.59	220.15	-156.45
19	36	1861	19.58	-8.42	16.37	-5.20	-8.93	1567.97	164.51	1565.72	166.76	-56.13
19	36	1862	11.72	-13.96	9.58	-11.82	-7.11	1078.91	31.75	1061.45	49.22	134.10
19	36	1863	3.46	-12.82	3.16	-12.52	-2.20	690.88	7.83	595.76	102.95	236.49
19	36	1864	1.10	-14.60	0.63	-14.13	-2.68	541.32	-37.08	218.95	285.28	287.29
19	36	1865	1.96	-16.76	1.30	-16.10	-3.45	697.89	-133.68	-24.07	588.28	281.31
19	36	1866	4.18	-18.57	3.86	-18.25	-2.70	999.25	-385.59	-328.65	942.31	274.98
19	36	1867	-10.37	-26.98	-18.27	-19.08	8.30	891.82	-1137.70	-1068.69	822.82	367.81
19	36	1868	9.54	-0.42	6.15	2.97	4.72	-2.22	-157.96	-60.12	-100.05	-75.27
19	36	1869	15.59	-21.23	14.58	-20.22	6.01	2141.99	-295.45	-250.95	2097.48	-326.35
19	36	1870	19.52	-1.38	18.02	0.11	5.38	655.22	-134.73	575.68	-55.20	-237.70
19	36	1871	12.95	-8.26	6.95	-2.26	9.55	142.05	-339.62	-142.62	-54.96	-236.81
19	36	1872	49.81	18.63	41.79	26.65	13.64	2051.29	-578.06	1893.84	-420.61	623.87
19	36	1873	13.00	-4.72	6.91	1.37	8.42	105.64	-250.21	-65.32	-79.25	-177.79
19	36	1874	13.68	-4.54	10.18	-1.04	7.18	298.62	-197.32	166.14	-64.84	-219.44
19	36	1875	13.03	-6.25	8.32	-1.54	8.29	189.99	-272.40	-25.24	-57.18	-230.64
19	36	1876	11.90	-8.82	7.18	-4.09	8.70	-46.85	-186.12	-159.26	-73.71	-54.95
19	36	1877	10.20	-1.46	0.23	8.51	-4.11	724.09	-279.76	54.89	389.43	473.23
19	36	1878	-1.09	-16.06	-4.02	-13.12	-5.94	1987.26	442.29	1987.12	442.43	-14.65
19	36	1879	70.96	-1.26	-0.79	70.49	-5.78	2216.98	-36.37	-18.90	2199.51	197.67
19	36	1880	52.33	-0.19	-6.92e-03	52.15	-3.14	1249.17	-26.88	32.52	1189.77	268.82
19	36	1881	41.08	-0.21	-8.62e-02	40.96	-2.21	902.83	-81.29	-3.65	825.19	265.29
19	36	1882	34.61	-9.84e-02	-2.59e-02	34.54	-1.58	667.52	-108.96	-13.76	572.32	254.68
19	36	1883	29.64	-9.25e-02	-2.57e-02	29.57	-1.41	519.43	-153.46	-16.85	382.82	270.66
19	36	1884	24.28	-0.53	-0.44	24.19	-1.42	431.99	-248.05	-43.15	227.10	312.02
19	36	1885	18.91	-6.18	-5.69	18.43	-3.45	352.59	-535.42	-224.51	41.68	423.59
19	36	1886	38.10	-4.33	38.05	-4.28	-1.42	1055.78	-19.52	988.07	48.20	-261.20
19	36	1887	31.53	-0.28	31.53	-0.27	-0.31	581.96	-41.10	522.51	18.35	-183.05
19	36	1888	25.34	8.77e-02	25.34	8.95e-02	-0.21	264.00	-71.28	190.87	1.85	-138.45
19	36	1889	18.17	0.10	18.17	0.10	-3.50e-02	113.49	-128.96	-26.03	10.56	-119.84
19	36	1890	9.33	0.15	9.32	0.15	0.23	66.05	-206.97	-150.19	9.27	-110.80
19	36	1891	0.48	-3.03	-2.74	0.18	0.98	39.21	-233.88	-190.95	-3.73	-99.41
19	36	1892	0.53	-20.28	-20.26	0.52	0.59	74.29	-267.58	-259.94	66.65	-50.55
19	36	1893	23.78	12.70	18.63	17.85	5.52	562.83	336.05	557.26	341.63	-35.12
19	36	1894	15.14	-2.64	10.54	1.97	7.79	243.70	-121.64	18.84	103.22	-177.73
19	36	1895	10.03	-7.11	5.53	-2.60	7.54	100.97	-322.82	-184.49	-37.35	-198.71
19	36	1896	6.62	-8.59	1.17	-3.14	7.30	60.45	-310.87	-140.34	-110.08	-185.04
19	36	1897	3.53	-8.78	-2.60	-2.65	6.15	171.72	-225.24	106.57	-160.09	-147.02
19	36	1898	0.82	-8.00	-5.22	-1.97	4.10	533.00	-205.75	525.89	-198.63	-72.14
19	36	1899	-1.81	-6.30	-6.16	-1.95	0.78	1109.60	-31.13	1109.04	-30.57	25.20
19	36	1900	13.80	2.63	11.47	4.97	-4.54	1313.61	-203.64	1300.12	-190.15	142.42
19	36	1901	17.21	-6.71	15.17	-4.67	-6.69	1534.01	-28.93	1512.84	50.10	177.24
19	36	1902	7.72	-0.31	7.63	-0.23	0.82	1161.35	-63.89	1154.50	-57.04	91.36
19	36	1903	12.62	-8.54	6.65	-2.57	9.52	130.48	-354.57	-182.79	-41.30	-231.98

19	36	1904	13.79	-6.89	7.82	-0.91	9.37	161.26	-306.27	-131.00	-14.00	-226.33
19	36	1905	11.30	-9.00	5.25	-2.94	9.29	109.43	-345.94	-173.25	-63.26	-220.94
19	36	1906	10.55	-8.66	4.53	-2.64	8.91	112.00	-312.57	-123.51	-77.05	-211.01
19	36	1907	9.82	-7.99	4.09	-2.27	8.32	140.76	-258.00	-25.07	-92.17	-196.54
19	36	1908	15.00	-3.83	8.45	2.72	8.97	210.05	-200.04	-3.01	13.02	-204.89
19	36	1909	8.80	-6.94	3.67	-1.81	7.37	235.56	-196.13	150.53	-111.09	-171.69
19	36	1910	8.14	-5.37	3.82	-1.05	6.30	436.31	-157.95	404.82	-126.47	-133.11
19	36	1911	10.35	-8.97	3.24	-1.86	9.31	144.84	-379.00	-204.48	-29.68	-246.91
19	36	1912	9.05	-3.35	5.58	0.12	5.57	646.90	-136.96	634.62	-124.68	-97.32
19	36	1913	11.95	-5.08	7.89	-1.02	7.26	185.46	-353.76	-146.45	-21.85	-262.31
19	36	1914	14.96	-2.64	12.90	-0.58	5.66	256.16	-293.20	-20.05	-16.99	-274.68
19	36	1915	7.14	-0.98	5.41	0.75	3.32	892.55	-112.80	892.53	-112.79	-4.01
19	36	1916	18.59	-1.64	17.36	-0.41	4.83	401.61	-203.12	216.81	-18.31	-278.58
19	36	1917	23.06	2.28	20.46	4.89	6.88	1132.90	-145.83	1112.92	-125.85	-158.60
19	36	1918	14.57	0.90	6.91	8.57	6.78	255.47	-86.60	171.80	-2.94	-147.03
19	36	1919	12.17	-2.77	4.18	5.22	-7.45	1579.45	-215.96	-65.38	1428.87	497.67
19	36	1920	9.95	-1.22	0.30	8.43	-3.83	737.53	-330.09	184.18	223.26	533.45
19	36	1921	19.17	-6.67	18.39	-5.89	-4.41	1197.73	-233.66	1089.20	-125.13	378.91
19	36	1922	11.52	-1.06	0.78	9.68	-4.44	825.20	-273.25	-37.18	589.13	451.20
19	36	1923	8.55	4.42	4.42	8.54	-6.26e-02	958.67	-448.85	500.92	8.90	659.36
19	36	1924	12.64	-1.50	1.89	9.26	-6.04	1049.81	-311.24	-125.51	864.08	467.21
19	36	1925	13.50	-3.55	10.57	-0.62	6.43	446.30	-150.05	377.06	-80.81	-191.04
19	36	1926	12.67	-0.39	3.01	9.27	5.73	306.73	-12.96	212.34	81.43	-145.83
19	36	1927	31.22	-4.85	5.49	20.88	-16.31	1985.53	43.82	43.95	1985.39	16.06
19	36	1928	12.98	-10.91	3.02	-0.95	11.78	12.26	-388.34	-262.79	-113.29	-185.83
19	36	1929	4.92	-1.83	4.84	-1.75	0.74	1436.72	58.09	1420.38	74.43	149.19
19	36	1930	13.27	-9.28	6.83	-2.84	10.19	127.88	-368.34	-185.01	-55.45	-239.50
19	36	1931	13.12	-8.06	6.61	-1.55	9.77	109.73	-339.34	-163.64	-65.97	-219.16
19	37	44	2.91	-7.57	-3.06	-1.60	-5.19	2439.73	530.42	2417.23	552.91	-206.02
19	37	52	20.85	-18.57	2.68	-0.40	19.65	4667.60	-2053.66	173.10	2440.84	-3163.57
19	37	56	18.10	8.49	18.08	8.51	-0.41	1086.02	515.92	993.17	608.76	210.50
19	37	1804	111.05	9.66e-02	0.80	110.35	-8.78	2798.50	-63.80	-61.55	2796.26	80.17
19	37	1805	-36.87	-60.21	-38.46	-58.62	-5.89	4698.73	-175.28	-167.98	4691.43	188.58
19	37	1809	27.63	-16.55	-14.92	26.00	-8.32	3234.99	-378.69	-355.48	3211.78	288.63
19	37	1854	-0.49	-6.15	-5.85	-0.78	-1.26	1388.04	208.53	1387.08	209.50	33.71
19	37	1855	-0.46	-6.48	-5.35	-1.60	2.35	730.05	-135.80	729.85	-135.60	-13.19
19	37	1856	2.23	-7.98	-3.56	-2.18	5.06	296.58	-189.84	275.65	-168.91	-98.71
19	37	1857	5.27	-8.21	-0.29	-2.65	6.63	77.33	-232.87	-28.54	-126.99	-147.08
19	37	1858	8.36	-7.56	3.61	-2.81	7.29	54.98	-298.59	-162.40	-81.21	-172.06
19	37	1859	12.22	-5.08	8.13	-0.98	7.36	139.36	-222.14	-93.56	10.78	-173.06
19	37	1860	18.76	-6.53e-02	12.78	5.92	8.77	361.34	73.60	240.16	194.78	-142.07
19	37	1861	18.69	-7.71	15.57	-4.58	-8.53	1437.36	170.31	1434.76	172.91	-57.40
19	37	1862	11.16	-12.78	9.21	-10.82	-6.55	969.32	30.70	955.51	44.51	113.01
19	37	1863	3.24	-11.62	3.03	-11.41	-1.78	606.98	-3.16	529.31	74.50	203.35
19	37	1864	0.91	-13.16	0.56	-12.81	-2.20	456.02	-41.69	191.89	222.44	248.38
19	37	1865	1.67	-15.08	1.14	-14.55	-2.94	578.73	-121.16	-23.38	480.95	242.64
19	37	1866	3.66	-16.69	3.40	-16.43	-2.28	839.10	-336.32	-286.69	789.47	236.39
19	37	1867	-9.36	-24.06	-16.23	-17.18	7.34	755.06	-984.13	-924.70	695.62	315.97
19	37	1868	8.35	-0.93	5.05	2.37	4.44	7.85	-138.59	-39.13	-91.61	-68.35
19	37	1869	13.37	-17.86	12.46	-16.96	5.24	1831.13	-259.31	-221.87	1793.69	-277.25
19	37	1870	18.98	-1.32	17.52	0.15	5.25	594.31	-106.33	531.69	-43.71	-199.89
19	37	1871	12.50	-7.69	6.77	-1.96	9.10	127.06	-293.05	-115.59	-50.41	-207.51
19	37	1872	48.77	18.42	40.64	26.55	13.44	1857.84	-500.91	1708.75	-351.82	573.97
19	37	1873	12.05	-4.85	6.22	0.98	8.04	104.84	-220.00	-36.27	-78.89	-161.01
19	37	1874	13.37	-4.30	10.00	-0.93	6.94	269.99	-164.19	161.10	-55.31	-188.20
19	37	1875	12.68	-5.86	8.18	-1.36	7.95	170.29	-231.91	-11.05	-50.57	-200.13
19	37	1876	10.08	-8.66	5.58	-4.16	8.01	-46.64	-159.26	-129.38	-76.52	-49.72
19	37	1877	9.74	-1.16	0.19	8.39	-3.59	615.16	-250.20	50.73	314.22	412.13
19	37	1878	-0.41	-14.82	-3.38	-11.84	-5.84	1834.54	439.21	1834.32	439.42	-17.46
19	37	1879	63.83	-1.08	-0.68	63.43	-5.08	1893.94	-31.85	-16.48	1878.57	171.40
19	37	1880	47.82	-0.15	1.28e-02	47.66	-2.78	1058.29	-24.56	28.32	1005.42	233.36
19	37	1881	38.07	-0.18	-7.39e-02	37.96	-2.01	758.80	-72.50	-3.04	689.35	230.02
19	37	1882	32.45	-8.63e-02	-2.00e-02	32.39	-1.47	557.19	-97.85	-11.82	471.16	221.26
19	37	1883	28.13	-8.65e-02	-2.44e-02	28.07	-1.32	434.82	-138.73	-14.61	310.71	236.18
19	37	1884	23.40	-0.51	-0.44	23.32	-1.36	368.05	-223.05	-38.28	183.28	274.00
19	37	1885	18.67	-6.01	-5.55	18.21	-3.33	306.92	-476.73	-202.26	32.45	373.84
19	37	1886	36.57	-4.31	36.52	-4.26	-1.42	960.16	-16.13	904.99	39.04	-225.44
19	37	1887	30.19	-0.28	30.19	-0.28	-0.30	533.55	-31.86	485.91	15.77	-157.04
19	37	1888	24.20	8.13e-02	24.20	8.30e-02	-0.20	245.25	-57.24	186.36	1.65	-119.77
19	37	1889	17.34	9.18e-02	17.34	9.19e-02	-3.64e-02	104.73	-104.40	-8.87	9.20	-104.17
19	37	1890	9.01	0.13	9.00	0.14	0.20	59.88	-171.64	-119.86	8.09	-96.47
19	37	1891	0.43	-2.36	-2.07	0.13	0.85	35.30	-194.87	-156.23	-3.34	-86.03
19	37	1892	0.53	-17.88	-17.86	0.52	0.59	64.09	-219.04	-213.02	58.07	-40.84
19	37	1893	22.73	12.17	18.18	16.72	5.23	535.01	303.70	530.75	307.96	-31.08
19	37	1894	14.93	-2.50	10.63	1.80	7.51	222.44	-102.46	33.85	86.12	-160.33
19	37	1895	10.15	-6.66	5.81	-2.31	7.36	86.50	-284.71	-155.30	-42.92	-176.90
19	37	1896	6.80	-8.01	1.60	-2.81	7.07	49.85	-275.09	-118.42	-106.83	-162.37

19	37	1897	3.75	-8.22	-2.05	-2.41	5.99	156.51	-200.43	103.81	-147.72	-126.62
19	37	1898	1.08	-7.48	-4.62	-1.78	4.04	490.36	-179.31	485.12	-174.07	-59.00
19	37	1899	-1.56	-5.65	-5.52	-1.69	0.72	1021.31	-8.46	1020.65	-7.80	26.02
19	37	1900	13.29	3.05	11.07	5.27	-4.22	1198.99	-168.40	1184.28	-153.69	141.03
19	37	1901	16.61	-5.99	14.55	-3.92	-6.52	1406.56	49.36	1386.42	69.49	164.09
19	37	1902	7.60	4.47e-02	7.51	0.13	0.80	1065.20	-39.36	1057.54	-31.70	91.64
19	37	1903	12.31	-8.07	6.50	-2.25	9.21	116.93	-310.02	-150.97	-42.12	-206.42
19	37	1904	13.38	-6.64	7.59	-0.85	9.08	147.62	-267.53	-101.70	-18.21	-203.33
19	37	1905	11.11	-8.43	5.26	-2.58	8.95	96.51	-302.37	-144.71	-61.15	-195.01
19	37	1906	10.41	-8.11	4.63	-2.33	8.58	98.79	-272.19	-101.02	-72.37	-184.94
19	37	1907	9.73	-7.52	4.24	-2.03	8.03	125.76	-222.94	-12.95	-84.23	-170.66
19	37	1908	14.40	-3.82	8.21	2.37	8.63	197.27	-174.33	16.69	6.25	-185.73
19	37	1909	8.78	-6.55	3.86	-1.63	7.16	214.26	-167.79	145.18	-98.71	-147.04
19	37	1910	8.17	-5.09	4.00	-0.92	6.16	399.65	-132.77	375.35	-108.47	-111.12
19	37	1911	9.69	-8.10	3.19	-1.60	8.57	128.13	-323.57	-166.98	-28.45	-214.97
19	37	1912	9.07	-3.15	5.68	0.23	5.47	592.37	-111.41	583.71	-102.76	-77.56
19	37	1913	11.43	-4.64	7.67	-0.88	6.80	165.32	-302.04	-117.07	-19.65	-228.55
19	37	1914	14.42	-2.46	12.46	-0.51	5.40	228.78	-247.35	-4.32	-14.26	-238.01
19	37	1915	7.20	-0.80	5.48	0.92	3.28	818.35	-87.33	818.30	-87.28	6.29
19	37	1916	17.96	-1.56	16.77	-0.38	4.67	361.14	-166.46	208.92	-14.25	-239.03
19	37	1917	22.56	2.25	19.93	4.88	6.83	1029.28	-115.59	1015.49	-101.80	-124.92
19	37	1918	13.77	0.72	6.76	7.73	6.50	249.29	-78.60	178.74	-8.04	-134.74
19	37	1919	10.99	-2.09	3.58	5.33	-6.48	1345.00	-190.76	-59.00	1213.24	430.10
19	37	1920	9.64	-0.93	0.26	8.45	-3.35	638.61	-296.27	166.74	175.61	467.42
19	37	1921	18.45	-5.88	17.75	-5.18	-4.08	1084.76	-201.27	987.58	-104.09	339.89
19	37	1922	10.81	-0.80	0.68	9.34	-3.87	694.75	-241.44	-30.90	484.21	390.87
19	37	1923	8.78	4.28	4.30	8.76	0.31	852.29	-399.52	453.00	-0.23	583.44
19	37	1924	11.63	-1.14	1.64	8.85	-5.27	886.01	-272.25	-108.75	722.50	403.30
19	37	1925	13.25	-3.38	10.41	-0.54	6.26	406.27	-122.39	351.26	-67.38	-161.42
19	37	1926	11.91	0.11	3.35	8.68	5.26	294.12	-10.68	205.89	77.55	-138.23
19	37	1927	27.90	-3.76	4.68	19.46	-14.00	1695.18	35.34	35.51	1695.01	17.03
19	37	1928	11.65	-10.04	2.44	-0.83	10.73	9.92	-331.04	-215.86	-105.26	-161.26
19	37	1929	4.93	-1.30	4.89	-1.26	0.51	1319.83	77.30	1303.86	93.27	139.96
19	37	1930	12.64	-8.66	6.41	-2.43	9.68	115.27	-318.94	-151.14	-52.52	-211.43
19	37	1931	12.41	-7.84	6.03	-1.46	9.41	101.12	-294.28	-128.47	-64.68	-195.11

M_G	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		-94.15	-59.46	-91.90	-21.81		-3166.27	-1423.63	-562.35	-4891.53
	169.36		56.42	168.28	30.77	7291.83		3519.33	7282.28	884.08

Macro	Tipo	Angolo 1-X (gradi)
20	Guscio	0.0

M_G	Cmb	Nodo	N max daN/cm	N min daN/cm	N 1 daN/cm	N 2 daN/cm	N 1-2 daN/cm	M max daN	M min daN	M 1 daN	M 2 daN	M 1-2 daN
20	8	56	20.12	9.34	18.87	10.59	3.44	1011.66	246.38	974.36	283.69	164.79
20	8	1779	9.46	0.42	6.99	2.89	-4.03	278.97	-305.77	172.17	-198.97	225.93
20	8	1780	10.84	-15.28	-4.84	0.40	-12.79	-137.16	-679.77	-326.72	-490.22	258.70
20	8	1868	9.43	-3.94	2.54	2.95	6.68	342.70	-256.68	304.30	-218.28	-146.77
20	8	1926	18.30	16.16	16.87	17.59	1.01	577.32	187.34	536.10	228.56	-119.90
20	32	56	14.58	6.80	13.63	7.75	2.55	750.14	185.00	721.54	213.60	123.87
20	32	1779	6.87	0.40	5.16	2.11	-2.85	205.70	-226.60	124.94	-145.84	168.50
20	32	1780	8.05	-11.21	-3.43	0.27	-9.45	-100.08	-504.79	-243.38	-361.49	193.55
20	32	1868	7.22	-2.70	2.13	2.39	4.96	245.43	-190.30	216.51	-161.38	-108.47
20	32	1926	13.55	11.92	12.38	13.09	0.73	424.28	139.98	394.01	170.26	-87.70
20	37	56	12.20	5.67	11.28	6.59	2.27	660.77	166.88	633.69	193.96	112.43
20	37	1779	5.70	0.53	4.48	1.76	-2.20	180.29	-198.66	106.22	-124.60	150.27
20	37	1780	7.01	-9.61	-2.72	0.13	-8.19	-84.02	-444.37	-214.62	-313.76	173.22
20	37	1868	6.85	-1.95	2.33	2.57	4.40	200.72	-167.02	174.59	-140.90	-94.47
20	37	1926	11.95	10.30	10.61	11.64	0.64	366.49	125.56	340.56	151.49	-74.66

M_G	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
		-15.28	-4.84	0.13	-12.79		-679.77	-326.72	-490.22	-146.77
	20.12		18.87	17.59	6.68	1011.66		974.36	283.69	258.70

Macro	Tipo	Angolo 1-X (gradi)
21	Guscio	0.0

M_G	Cmb	Nodo	N max daN/cm	N min daN/cm	N 1 daN/cm	N 2 daN/cm	N 1-2 daN/cm	M max daN	M min daN	M 1 daN	M 2 daN	M 1-2 daN
21	21	1799	-1.75	-74.02	-72.22	-3.54	11.26	-145.22	-409.33	-395.61	-158.93	58.60
21	21	1892	-0.78	-33.94	-33.91	-0.81	0.88	21.48	-486.31	-477.70	12.87	-65.57
21	21	1928	22.70	-9.24	15.47	-2.00	13.37	170.97	-379.48	-148.08	-60.42	-271.71
21	22	1799	-2.09	-78.51	-76.51	-4.10	12.22	-141.84	-383.66	-370.08	-155.42	55.67
21	22	1892	-0.63	-35.48	-35.46	-0.64	0.73	16.89	-464.59	-456.04	8.34	-63.59
21	22	1928	23.64	-9.87	15.82	-2.05	14.17	173.77	-375.43	-146.07	-55.59	-270.85
21	35	1799	-1.29	-55.24	-53.91	-2.63	8.39	-109.12	-309.14	-298.65	-119.61	44.58
21	35	1892	-0.59	-25.31	-25.30	-0.61	0.66	16.39	-367.20	-360.74	9.93	-49.36
21	35	1928	17.02	-6.91	11.61	-1.50	10.01	127.63	-286.25	-112.30	-46.32	-204.30
21	36	1799	-1.53	-58.24	-56.76	-3.00	9.03	-106.86	-292.02	-281.63	-117.26	42.63
21	36	1892	-0.49	-26.34	-26.33	-0.50	0.56	13.33	-352.72	-346.30	6.91	-48.04
21	36	1928	17.64	-7.32	11.84	-1.53	10.54	129.50	-283.55	-110.96	-43.09	-203.72
21	37	1799	-1.56	-51.76	-50.37	-2.95	8.25	-86.48	-228.77	-218.79	-96.45	36.33
21	37	1892	-0.27	-22.77	-22.76	-0.28	0.34	7.81	-285.91	-280.62	2.53	-39.05
21	37	1928	15.74	-6.66	10.35	-1.27	9.57	107.22	-242.71	-98.43	-37.05	-172.25
M_G			N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
				-78.51	-76.51	-4.10	0.34		-486.31	-477.70	-158.93	-271.71
			23.64		15.82	-0.28	14.17	173.77		-98.43	12.87	58.60

Macro	Tipo	Angolo 1-X (gradi)
22	Guscio	0.0

M_G	Cmb	Nodo	N max daN/cm	N min daN/cm	N 1 daN/cm	N 2 daN/cm	N 1-2 daN/cm	M max daN	M min daN	M 1 daN	M 2 daN	M 1-2 daN
22	7	1799	-19.35	-51.29	-41.64	-29.00	14.66	-56.62	-228.87	-190.88	-94.60	71.41
22	7	1837	-10.62	-13.38	-12.03	-11.97	1.38	-70.04	-334.67	-101.05	-303.66	85.12
22	7	1838	8.75	-5.11	-4.11	7.75	-3.58	14.46	-460.86	-4.24	-442.16	92.41
22	7	1876	4.14	-14.42	-0.12	-10.15	7.81	-58.24	-276.71	-176.69	-158.26	-108.85
22	7	1928	17.66	-7.29	5.50	4.87	12.47	101.37	-209.74	6.60	-114.97	-143.19
22	8	1799	-20.22	-52.92	-43.72	-29.41	14.70	-51.57	-249.50	-215.58	-85.49	74.58
22	8	1837	-10.77	-13.14	-12.54	-11.37	1.03	-91.27	-335.68	-128.27	-298.68	87.60
22	8	1838	9.66	-5.06	-3.84	8.44	-4.05	-4.54	-475.57	-25.34	-454.76	96.78
22	8	1876	5.24	-13.60	1.44	-9.81	7.56	-59.68	-309.63	-224.76	-144.55	-118.37
22	8	1928	19.11	-7.04	6.72	5.34	13.06	86.45	-230.75	-12.33	-131.98	-146.89
22	31	1799	-14.47	-38.00	-31.13	-21.34	10.70	-40.55	-176.27	-148.84	-67.98	54.50
22	31	1837	-7.81	-9.63	-8.91	-8.52	0.89	-58.26	-248.07	-83.03	-223.30	63.94
22	31	1838	6.74	-3.69	-2.90	5.94	-2.77	5.15	-344.93	-9.24	-330.54	69.51
22	31	1876	3.46	-10.22	0.51	-7.27	5.63	-44.65	-214.32	-146.22	-112.75	-83.17
22	31	1928	13.55	-5.26	4.57	3.72	9.39	68.42	-161.87	-2.92	-90.53	-106.49
22	32	1799	-15.04	-39.10	-32.51	-21.62	10.73	-36.94	-190.27	-165.30	-61.91	56.62
22	32	1837	-7.82	-9.56	-9.26	-8.12	0.66	-72.08	-249.08	-101.17	-219.98	65.60
22	32	1838	7.35	-3.66	-2.72	6.41	-3.08	-7.49	-354.77	-23.31	-338.94	72.42
22	32	1876	4.21	-9.69	1.56	-7.04	5.46	-43.95	-237.92	-178.26	-103.61	-89.51
22	32	1928	14.51	-5.10	5.38	4.03	9.78	58.48	-175.90	-15.55	-101.87	-108.95
22	37	1799	-13.14	-33.59	-28.34	-18.39	8.93	-30.53	-177.67	-154.98	-53.23	53.15
22	37	1837	-6.32	-7.96	-7.88	-6.41	0.36	-70.35	-220.55	-99.26	-191.64	59.22
22	37	1838	6.78	-2.98	-2.09	5.88	-2.81	-13.05	-315.54	-27.57	-301.02	64.67
22	37	1876	4.38	-7.59	2.39	-5.60	4.45	-37.74	-225.21	-177.87	-85.08	-81.45
22	37	1928	13.45	-4.20	5.61	3.63	8.77	39.15	-163.61	-27.51	-96.95	-95.25
M_G			N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
				-52.92	-43.72	-29.41	-4.05		-475.57	-224.76	-454.76	-146.89
			19.11		6.72	8.44	14.70	101.37		6.60	-53.23	96.78

Macro	Tipo	Angolo 1-X (gradi)
23	Guscio	0.0

M_G	Cmb	Nodo	N max daN/cm	N min daN/cm	N 1 daN/cm	N 2 daN/cm	N 1-2 daN/cm	M max daN	M min daN	M 1 daN	M 2 daN	M 1-2 daN
23	7	1780	14.66	-2.09	0.28	12.28	-5.84	28.51	-501.69	9.09	-482.27	99.59

23	7	1838	1.08	-11.26	-6.04	-4.14	-6.10	-52.74	-444.56	-86.23	-411.06	109.55
23	7	1868	2.54	-5.60	1.52	-4.57	2.70	-60.04	-255.52	-127.47	-188.09	-92.92
23	7	1876	11.01	-11.44	1.87	-2.30	11.03	0.81	-220.06	-25.43	-193.82	-71.47
23	8	1780	15.00	-1.82	0.76	12.42	-6.07	11.36	-507.71	-9.78	-486.58	102.59
23	8	1838	1.70	-11.40	-5.85	-3.85	-6.47	-61.03	-455.09	-104.27	-411.84	123.18
23	8	1868	3.65	-4.96	2.75	-4.05	2.65	-70.89	-260.98	-145.98	-185.90	-92.92
23	8	1876	12.22	-10.26	3.56	-1.60	10.94	-26.01	-233.43	-70.24	-189.20	-84.96
23	31	1780	10.86	-1.44	0.36	9.06	-4.35	16.74	-372.07	1.86	-357.19	74.59
23	31	1838	1.01	-8.29	-4.34	-2.93	-4.60	-41.35	-331.51	-69.02	-303.84	85.22
23	31	1868	2.26	-3.86	1.53	-3.13	1.98	-48.02	-190.27	-100.08	-138.21	-68.52
23	31	1876	8.57	-7.92	2.02	-1.36	8.07	-8.92	-166.12	-33.24	-141.80	-56.85
23	32	1780	11.09	-1.26	0.69	9.15	-4.50	5.34	-376.11	-10.71	-360.06	76.59
23	32	1838	1.43	-8.38	-4.21	-2.74	-4.85	-46.55	-338.85	-81.05	-304.36	94.31
23	32	1868	3.01	-3.43	2.35	-2.78	1.94	-54.99	-194.18	-112.41	-136.75	-68.52
23	32	1876	9.38	-7.13	3.15	-0.90	8.01	-24.99	-176.84	-63.11	-138.72	-65.84
23	37	1780	9.57	-0.91	0.82	7.84	-3.89	0.97	-329.54	-13.85	-314.72	68.39
23	37	1838	1.58	-7.14	-3.39	-2.17	-4.32	-42.42	-300.57	-77.23	-265.77	88.17
23	37	1868	3.22	-2.47	2.67	-1.92	1.68	-52.55	-172.00	-106.26	-118.29	-59.42
23	37	1876	8.90	-5.22	3.81	-0.13	6.78	-30.90	-163.71	-75.23	-119.38	-62.62

M_G	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
	15.00	-11.44	-6.04	-4.57	-6.47		-507.71	-145.98	-486.58	-92.92
			3.81	12.42	11.03	28.51		9.09	-118.29	123.18

Macro	Tipo	Angolo 1-X (gradi)
24	Guscio	0.0

M_G	Cmb	Nodo	N max daN/cm	N min daN/cm	N 1 daN/cm	N 2 daN/cm	N 1-2 daN/cm	M max daN	M min daN	M 1 daN	M 2 daN	M 1-2 daN
24	8	42	36.32	-333.43	-1.25	-295.86	111.72	8527.64	-3493.84	5833.42	-799.62	-5012.95
24	8	50	217.48	-49.86	140.16	27.46	121.22	1.474e+04	678.23	9001.42	6413.51	6909.12
24	8	67	103.90	68.49	96.34	76.05	14.51	1829.97	-4801.09	770.79	-3741.90	2429.33
24	8	1671	-98.20	-208.66	-98.24	-208.62	-2.16	1078.15	-1468.69	-1374.02	983.48	-481.83
24	8	1672	26.68	-88.70	26.32	-88.34	-6.39	662.44	-141.90	-141.62	662.16	14.95
24	8	1673	1.22	-58.78	1.21	-58.78	-0.61	802.22	-284.79	-44.24	561.67	451.24
24	8	1674	-18.25	-45.25	-21.15	-42.35	-8.36	1126.96	-598.85	-101.81	629.91	781.51
24	8	1675	64.44	-8.38	54.84	1.22	-24.63	1352.91	-2317.82	-2193.42	1228.51	664.19
24	8	1676	-5.10	-93.90	-93.34	-5.66	-7.02	845.39	-1252.96	-432.25	24.69	1024.00
24	8	1677	84.23	18.71	19.88	83.06	-8.68	899.82	-761.38	-154.58	293.02	799.88
24	8	1678	48.80	4.18	4.18	48.80	0.13	710.09	-540.50	-105.24	274.84	595.72
24	8	1679	4.39	-6.21	4.03	-5.85	1.93	553.20	-469.66	-181.78	265.32	459.99
24	8	1680	-55.24	-108.07	-64.35	-98.96	19.95	239.20	-1316.61	-1114.75	37.33	522.79
24	8	1681	123.49	-153.07	116.31	-145.89	43.97	6235.21	171.03	5480.44	925.80	-2001.84
24	8	1700	-18.02	-73.59	-23.96	-67.65	17.17	5828.63	2374.72	5827.06	2376.29	-73.62
24	8	1701	63.85	-49.59	2.18	12.08	56.50	4091.27	1637.08	3936.66	1791.70	596.27
24	8	1702	125.49	33.27	50.67	108.08	36.08	3062.13	-819.19	2619.64	-376.70	1233.54
24	8	1703	7.09	-112.29	-57.83	-47.37	59.46	2642.30	343.91	2565.36	420.86	-413.44
24	8	1704	61.82	-73.06	-54.38	43.13	46.60	3056.05	-121.07	2645.43	289.55	1065.83
24	8	1705	92.85	-55.42	-53.79	91.23	15.45	2783.61	-1567.97	1179.52	36.12	2099.34
24	8	1706	17.50	-89.24	-24.05	-47.69	52.04	1187.33	194.64	1169.64	212.34	131.36
24	8	1707	41.83	-60.54	-35.96	17.25	43.72	1940.48	-574.12	1386.67	-20.31	1042.06
24	8	1708	48.72	-33.60	-31.14	46.26	14.01	2076.26	-1253.23	629.90	193.13	1650.36
24	8	1709	18.54	-43.40	-6.80	-18.05	30.46	964.77	-53.21	698.02	213.54	447.65
24	8	1808	41.56	-47.65	-14.93	8.83	42.99	1511.08	-662.39	787.00	61.70	1024.44
24	8	1813	44.99	-29.16	-9.84	25.67	32.55	1553.40	-968.44	388.37	196.59	1257.27
24	8	1814	37.35	-22.80	5.05	9.50	29.99	1253.68	-204.66	748.54	300.48	693.90
24	8	1817	45.44	-35.76	-5.57	15.25	39.24	1511.52	-637.88	684.14	189.50	1045.85
24	8	1820	41.25	-42.58	-8.58	7.25	41.16	1281.42	-675.56	374.21	231.65	975.89
24	8	1821	58.22	-1.46	34.01	22.76	29.31	2483.61	-129.42	1435.48	918.71	1280.71
24	8	1824	47.94	-7.47	28.51	11.96	26.44	1771.95	-636.06	827.49	308.40	1175.69
24	8	1825	28.76	-27.09	-17.76	19.42	20.84	1350.18	-219.00	798.53	332.66	749.21
24	8	1829	95.91	41.91	95.61	42.20	-3.99	322.47	-588.02	266.09	-531.63	-219.45
24	8	1830	67.45	-3.68	67.29	-3.52	-3.39	1480.34	-189.70	1238.82	51.82	587.38
24	8	1833	94.89	15.86	87.13	23.63	-23.52	1060.09	-583.21	551.64	-74.76	759.62
24	22	42	33.03	-300.82	-0.79	-267.00	100.73	7733.19	-3111.80	5286.37	-664.99	-4533.08
24	22	50	183.48	-38.27	108.18	37.02	105.01	1.507e+04	817.91	8845.63	7043.72	7069.58
24	22	67	93.74	60.43	87.51	66.66	12.99	1652.23	-4384.01	693.90	-3425.68	2205.97
24	22	1671	-88.88	-188.67	-88.92	-188.64	-1.93	979.06	-1323.49	-1244.99	900.56	-417.85
24	22	1672	24.11	-79.99	23.79	-79.67	-5.75	611.45	-129.44	-127.79	609.80	34.93
24	22	1673	1.00	-52.05	1.00	-52.04	-0.40	776.05	-271.81	-40.52	544.76	434.59
24	22	1674	-16.81	-37.50	-19.55	-34.75	-7.02	1116.83	-549.92	-85.04	651.95	747.48

24	22	1675	63.95	5.69	56.95	12.69	-18.95	1343.65	-2176.15	-2070.73	1238.23	599.97
24	22	1676	-6.65	-85.51	-84.99	-7.16	-6.34	762.85	-1153.04	-390.89	0.69	937.72
24	22	1677	74.73	17.02	18.08	73.68	-7.73	819.86	-705.57	-140.59	254.88	736.64
24	22	1678	43.13	3.79	3.79	43.13	0.11	658.17	-500.29	-97.86	255.74	551.58
24	22	1679	4.10	-5.64	3.82	-5.36	1.64	526.52	-442.33	-184.65	268.84	428.08
24	22	1680	-49.85	-96.60	-57.84	-88.60	17.61	239.14	-1399.27	-1207.54	47.41	526.67
24	22	1681	109.29	-137.33	102.53	-130.57	40.26	7014.32	326.71	6026.16	1314.87	-2373.18
24	22	1700	-16.06	-67.07	-21.41	-61.72	15.63	5272.40	2174.20	5271.39	2175.22	-56.15
24	22	1701	58.07	-45.09	2.25	10.72	51.40	3701.53	1475.36	3556.46	1620.43	549.46
24	22	1702	113.33	29.90	46.01	97.23	32.93	2770.57	-767.46	2365.01	-361.90	1127.12
24	22	1703	6.61	-101.53	-52.12	-42.80	53.87	2385.84	321.93	2321.31	386.47	-359.21
24	22	1704	55.68	-66.20	-49.11	38.58	42.32	2774.04	-130.59	2387.06	256.38	987.05
24	22	1705	83.18	-50.30	-48.83	81.71	13.91	2529.51	-1452.15	1060.86	16.50	1921.13
24	22	1706	16.19	-80.87	-21.57	-43.11	47.32	1082.30	175.45	1061.07	196.68	137.11
24	22	1707	37.36	-54.76	-32.32	14.92	39.54	1778.07	-545.06	1252.14	-19.13	972.22
24	22	1708	42.94	-30.29	-28.09	40.75	12.47	1900.11	-1165.65	566.01	168.45	1519.93
24	22	1709	17.48	-39.90	-5.76	-16.66	28.17	905.32	-46.49	640.68	218.15	426.44
24	22	1808	36.91	-43.10	-13.01	6.81	38.76	1408.29	-619.23	717.35	71.71	960.99
24	22	1813	39.63	-26.17	-8.70	22.16	29.06	1439.20	-898.00	353.71	187.49	1165.64
24	22	1814	34.74	-22.06	5.69	6.99	28.39	1202.83	-164.84	706.99	331.01	657.49
24	22	1817	39.50	-32.13	-4.48	11.85	34.87	1441.04	-587.08	639.15	214.81	991.62
24	22	1820	36.14	-38.20	-7.68	5.63	36.57	1210.10	-609.13	360.95	240.03	907.60
24	22	1821	50.44	-3.57	32.48	14.40	25.45	2466.88	-98.61	1402.67	965.59	1263.99
24	22	1824	40.56	-6.83	24.53	9.20	22.42	1726.08	-596.42	793.43	336.23	1138.53
24	22	1825	25.09	-24.66	-16.47	16.90	18.45	1313.61	-100.91	836.12	376.59	668.90
24	22	1829	76.49	28.98	75.87	29.60	-5.39	331.48	-815.17	273.37	-757.06	-251.51
24	22	1830	59.17	-2.23	58.99	-2.06	-3.27	1444.36	-189.15	1209.92	45.29	572.71
24	22	1833	84.24	14.12	77.21	21.15	-21.06	1057.11	-654.72	553.65	-151.27	779.97
24	32	42	26.62	-243.93	-0.86	-216.46	81.73	6263.15	-2544.96	4280.75	-562.57	-3678.49
24	32	50	157.48	-35.44	100.00	22.05	88.23	1.105e+04	528.77	6695.62	4883.84	5182.37
24	32	67	76.20	50.14	70.58	55.77	10.72	1340.38	-3518.79	564.31	-2742.72	1780.11
24	32	1671	-71.88	-152.71	-71.91	-152.68	-1.57	796.33	-1076.02	-1007.68	727.99	-351.13
24	32	1672	19.52	-64.88	19.26	-64.62	-4.67	491.29	-104.01	-103.71	490.99	13.38
24	32	1673	0.87	-42.84	0.86	-42.84	-0.42	596.91	-209.68	-32.48	419.72	333.95
24	32	1674	-13.44	-32.61	-15.60	-30.46	-6.05	840.88	-439.00	-73.45	475.32	578.13
24	32	1675	48.17	-4.08	41.38	2.71	-17.57	1009.39	-1708.59	-1618.64	919.43	486.22
24	32	1676	-3.75	-68.71	-68.29	-4.16	-5.15	620.96	-918.28	-316.61	19.28	751.07
24	32	1677	61.61	13.68	14.54	60.75	-6.37	661.70	-558.22	-113.29	216.77	587.21
24	32	1678	35.68	3.06	3.06	35.68	8.58e-02	523.61	-396.17	-77.41	204.85	437.70
24	32	1679	3.23	-4.54	2.96	-4.27	1.41	409.58	-345.64	-135.86	199.80	338.26
24	32	1680	-40.54	-79.25	-47.25	-72.54	14.65	178.44	-992.09	-843.46	29.81	389.72
24	32	1681	90.65	-112.20	85.42	-106.97	32.15	4750.41	146.92	4158.75	738.57	-1540.66
24	32	1700	-13.15	-54.03	-17.48	-49.69	12.59	4273.57	1750.60	4272.36	1751.81	-55.24
24	32	1701	46.82	-36.35	1.67	8.80	41.43	2997.91	1204.37	2884.64	1317.64	436.27
24	32	1702	91.95	24.40	37.20	79.15	26.47	2243.30	-599.10	1918.85	-274.65	903.85
24	32	1703	5.21	-82.23	-42.28	-34.74	43.56	1937.19	259.05	1880.96	315.29	-302.01
24	32	1704	45.26	-53.49	-39.75	31.52	34.18	2240.61	-86.25	1937.95	216.41	782.72
24	32	1705	67.98	-40.55	-39.35	66.78	11.36	2041.40	-1149.38	863.43	28.59	1539.82
24	32	1706	12.87	-65.40	-17.57	-34.96	38.16	871.34	146.80	857.79	160.35	98.16
24	32	1707	30.61	-44.34	-26.29	12.56	32.05	1425.16	-420.44	1015.89	-11.17	766.71
24	32	1708	35.63	-24.59	-22.78	33.83	10.27	1524.83	-919.59	461.04	144.20	1211.90
24	32	1709	13.68	-31.91	-4.93	-13.29	22.41	711.88	-36.16	512.87	162.85	330.55
24	32	1808	30.38	-34.91	-10.87	6.34	31.49	1113.16	-485.62	577.45	50.10	754.65
24	32	1813	32.87	-21.34	-7.18	18.72	23.81	1143.20	-710.41	284.90	147.90	924.27
24	32	1814	27.51	-16.91	3.89	6.71	22.17	928.67	-145.41	552.78	230.47	512.29
24	32	1817	33.08	-26.15	-4.00	10.94	28.66	1117.91	-467.25	504.06	146.61	772.16
24	32	1820	30.11	-31.17	-6.30	5.24	30.09	945.97	-493.32	277.23	175.42	717.84
24	32	1821	42.33	-1.36	25.25	15.72	21.32	1851.91	-91.42	1066.95	693.54	953.56
24	32	1824	34.73	-5.39	20.79	8.55	19.10	1315.79	-468.50	612.59	234.70	871.91
24	32	1825	21.02	-19.86	-13.12	14.27	15.18	1001.72	-146.94	600.51	254.28	547.62
24	32	1829	68.79	29.34	68.53	29.60	-3.20	242.48	-473.46	200.29	-431.27	-168.60
24	32	1830	49.28	-2.56	49.16	-2.44	-2.50	1099.61	-141.35	920.42	37.84	436.18
24	32	1833	69.71	11.86	64.02	17.55	-17.24	790.35	-443.47	412.15	-65.27	568.85
24	36	42	24.42	-222.19	-0.56	-197.22	74.40	5733.55	-2290.30	3916.05	-472.81	-3358.57
24	36	50	134.96	-27.85	78.69	28.42	77.43	1.128e+04	619.46	6591.75	5303.97	5289.35
24	36	67	69.42	44.78	64.69	49.51	9.70	1221.89	-3240.74	513.06	-2531.90	1631.20
24	36	1671	-65.66	-139.38	-65.69	-139.36	-1.42	730.31	-979.26	-921.66	672.71	-308.48
24	36	1672	17.80	-59.07	17.57	-58.84	-4.24	457.38	-95.78	-94.49	456.09	26.70
24	36	1673	0.72	-38.35	0.72	-38.35	-0.29	579.47	-201.03	-30.01	408.44	322.85
24	36	1674	-12.47	-27.46	-14.53	-25.40	-5.16	834.18	-406.43	-62.27	490.01	555.45
24	36	1675	47.84	5.30	42.78	10.36	-13.78	1003.31	-1614.24	-1536.84	925.91	443.40
24	36	1676	-4.78	-63.11	-62.73	-5.16	-4.71	565.91	-851.66	-289.03	3.29	693.55
24	36	1677	55.28	12.56	13.34	54.49	-5.73	608.38	-521.00	-103.97	191.35	545.04
24	36	1678	31.90	2.80	2.80	31.90	7.75e-02	488.99	-369.36	-72.49	192.12	408.27
24	36	1679	3.04	-4.16	2.82	-3.95	1.21	391.87	-327.50	-137.77	202.14	316.99
24	36	1680	-36.95	-71.60	-42.91	-65.64	13.08	178.52	-1047.31	-905.31	36.52	392.31
24	36	1681	81.19	-101.71	76.24	-96.76	29.68	5270.92	249.60	4522.56	997.95	-1788.21

24	36	1700	-11.85	-49.68	-15.79	-45.74	11.56	3902.74	1616.92	3901.91	1617.75	-43.59
24	36	1701	42.96	-33.35	1.72	7.90	38.03	2738.09	1096.55	2631.17	1203.47	405.07
24	36	1702	83.85	22.16	34.09	71.91	24.37	2048.93	-564.61	1749.10	-264.79	832.89
24	36	1703	4.89	-75.05	-38.47	-31.69	39.83	1766.21	244.41	1718.26	292.36	-265.86
24	36	1704	41.16	-48.92	-36.24	28.49	31.32	2052.62	-92.62	1765.70	194.30	730.20
24	36	1705	61.53	-37.14	-36.05	60.44	10.33	1872.00	-1072.17	784.32	15.51	1421.01
24	36	1706	12.00	-59.82	-15.92	-31.91	35.01	801.39	133.94	785.42	149.91	101.99
24	36	1707	27.63	-40.49	-23.86	11.00	29.26	1316.93	-401.11	926.21	-10.39	720.14
24	36	1708	31.78	-22.38	-20.75	30.15	9.25	1407.39	-861.21	418.44	127.74	1124.95
24	36	1709	12.97	-29.58	-4.24	-12.37	20.88	672.34	-31.77	474.64	165.92	316.41
24	36	1808	27.28	-31.88	-9.59	4.99	28.67	1044.68	-456.88	531.02	56.77	712.35
24	36	1813	29.30	-19.34	-6.43	16.38	21.48	1067.08	-663.45	261.79	141.83	863.18
24	36	1814	25.78	-16.43	4.31	5.04	21.10	894.87	-118.96	525.08	250.82	488.01
24	36	1817	29.13	-23.73	-3.28	8.67	25.75	1070.98	-433.44	474.07	163.48	736.01
24	36	1820	26.70	-28.24	-5.70	4.16	27.02	898.43	-449.04	268.39	181.00	672.32
24	36	1821	37.22	-2.83	24.24	10.15	18.74	1840.86	-70.98	1045.08	724.80	942.41
24	36	1824	29.81	-4.96	18.13	6.72	16.42	1285.26	-442.13	589.88	253.26	847.13
24	36	1825	18.58	-18.24	-12.26	12.59	13.58	977.39	-68.26	625.57	283.56	494.07
24	36	1829	55.86	20.71	55.36	21.20	-4.14	248.61	-625.02	205.14	-581.55	-189.97
24	36	1830	43.76	-1.60	43.63	-1.47	-2.42	1075.62	-140.98	901.16	33.49	426.40
24	36	1833	62.61	10.70	57.40	15.90	-15.59	788.44	-491.22	413.50	-116.28	582.42
24	37	42	22.52	-205.47	-0.61	-182.34	68.83	5361.48	-2111.51	3651.10	-401.13	-3139.47
24	37	50	130.08	-27.90	79.32	22.87	73.77	9882.07	511.26	5873.03	4520.30	4636.33
24	37	67	64.95	42.74	59.65	48.04	9.46	1135.07	-2974.59	477.42	-2316.94	1506.73
24	37	1671	-60.61	-128.73	-60.63	-128.70	-1.30	698.99	-913.03	-857.07	643.03	-295.08
24	37	1672	16.42	-54.61	16.21	-54.39	-3.93	436.47	-88.17	-87.75	436.04	14.92
24	37	1673	0.67	-35.71	0.67	-35.71	-0.32	527.80	-177.77	-27.67	377.70	288.75
24	37	1674	-11.57	-26.48	-13.49	-24.57	-4.99	745.28	-370.73	-59.68	434.23	500.38
24	37	1675	42.99	0.96	37.72	6.24	-13.93	893.54	-1466.55	-1392.83	819.83	410.54
24	37	1676	-2.64	-57.70	-57.34	-3.00	-4.43	532.85	-773.69	-267.93	27.09	636.40
24	37	1677	52.19	11.45	12.20	51.45	-5.45	568.59	-469.80	-95.93	194.72	498.44
24	37	1678	30.23	2.58	2.58	30.23	4.54e-02	452.45	-333.17	-66.02	185.30	372.17
24	37	1679	2.75	-3.79	2.52	-3.56	1.21	356.75	-294.20	-120.02	182.56	288.17
24	37	1680	-34.66	-67.76	-40.54	-61.87	12.66	157.70	-890.91	-764.36	31.15	341.59
24	37	1681	78.21	-95.61	73.96	-91.37	26.84	4361.86	159.29	3790.70	730.46	-1440.18
24	37	1700	-11.01	-46.08	-14.62	-42.47	10.65	3633.25	1518.14	3631.82	1519.57	-54.86
24	37	1701	39.72	-30.80	1.61	7.31	35.14	2541.35	1041.38	2446.83	1135.90	364.48
24	37	1702	77.99	20.83	31.76	67.07	22.47	1899.63	-495.91	1625.23	-221.50	762.92
24	37	1703	4.42	-69.51	-35.52	-29.56	36.84	1647.57	244.34	1599.01	292.90	-256.47
24	37	1704	38.28	-45.14	-33.36	26.50	29.05	1901.84	-57.55	1642.55	201.73	663.94
24	37	1705	57.63	-34.12	-33.07	56.57	9.78	1734.09	-966.71	730.26	37.13	1305.17
24	37	1706	11.00	-55.44	-14.75	-29.69	32.37	741.69	140.96	729.24	153.41	85.61
24	37	1707	25.94	-37.51	-22.09	10.52	27.21	1214.77	-348.36	861.06	5.35	654.05
24	37	1708	30.26	-20.76	-19.19	28.70	8.79	1300.09	-775.71	389.82	134.55	1030.02
24	37	1709	11.78	-27.28	-4.07	-11.43	19.18	614.08	-20.18	437.67	156.23	284.20
24	37	1808	25.68	-29.59	-9.08	5.17	26.70	955.51	-407.16	491.03	57.31	645.90
24	37	1813	27.79	-18.03	-6.05	15.81	20.14	979.16	-599.20	242.10	137.87	787.46
24	37	1814	23.64	-14.76	3.72	5.16	19.19	807.79	-111.18	477.16	219.44	441.05
24	37	1817	27.66	-22.03	-3.25	8.88	24.09	967.99	-392.78	432.49	142.72	664.78
24	37	1820	25.37	-26.37	-5.41	4.41	25.40	815.36	-412.09	240.67	162.60	612.49
24	37	1821	35.35	-1.79	22.24	11.31	17.74	1634.95	-69.40	934.91	630.64	838.48
24	37	1824	28.66	-4.22	17.55	6.89	15.55	1149.70	-400.97	531.35	217.39	759.28
24	37	1825	17.89	-16.85	-11.43	12.47	12.61	872.32	-98.41	537.95	235.96	461.28
24	37	1829	55.34	21.92	55.00	22.26	-3.32	219.16	-490.59	181.61	-453.05	-158.86
24	37	1830	41.71	-1.96	41.60	-1.86	-2.13	961.46	-124.16	805.28	32.01	380.99
24	37	1833	60.26	11.03	55.40	15.89	-14.68	696.22	-404.23	365.40	-73.41	504.59

M_G	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
	217.48	-333.43	-98.24	-295.86	-24.63		-4801.09	-2193.42	-3741.90	-5012.95
			140.16	108.08	121.22	1.507e+04		9001.42	7043.72	7069.58

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
			daN/cm2	daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
1	7	72	18.78	201.27	25.18	56.50	169.96	-67.33	348.82	-434.22	139.63	-225.03	346.47
		36	38.54	2.33	-311.89	-62.94	-246.62	127.47	1592.68	-60.98	-22.44	1554.14	-249.50
		70	14.25	0.24	-98.08	-23.96	-73.88	42.35	204.77	-547.90	182.57	-525.69	127.36
		71	8.47	13.08	-112.12	-76.44	-22.60	56.51	359.64	119.26	150.84	328.06	81.20
1	31	72	14.06	152.03	17.70	40.86	128.87	-50.74	247.21	-326.50	99.82	-179.11	250.67
		36	27.61	-0.25	-239.55	-50.44	-189.36	97.42	1087.52	-55.08	-28.33	1060.77	-172.79
		70	10.41	0.01	-74.58	-17.75	-56.82	31.78	154.95	-387.74	140.25	-373.04	88.10
		71	6.32	9.94	-86.30	-58.75	-17.60	43.50	249.85	77.70	100.62	226.93	58.48
1	37	72	12.91	143.54	12.48	32.89	123.13	-47.52	183.62	-304.65	76.55	-197.57	202.03
		36	21.43	-6.51	-238.45	-56.65	-188.31	95.48	665.17	-80.20	-62.32	647.28	-114.07
		70	8.72	-0.43	-72.02	-15.68	-56.77	29.31	147.57	-284.73	139.70	-276.86	57.80
		71	5.82	9.59	-86.46	-58.59	-18.27	43.59	167.62	34.60	53.31	148.91	46.25

2	7	71	5.96	20.71	-48.28	-21.58	-5.99	33.61	188.83	-44.42	82.53	61.88	116.17
		70	6.55	6.61	-112.94	-8.12	-98.20	39.31	85.85	-13.11	-6.33	79.07	25.00
		73	3.67	3.79	-66.09	-8.17	-54.13	26.32	-12.37	-47.69	-16.57	-43.49	-11.43
		74	3.75	9.50	-51.83	-12.89	-29.44	29.52	72.87	-12.04	26.00	34.84	42.23
2	31	71	4.39	15.52	-37.64	-17.00	-5.11	25.90	129.92	-35.07	55.76	39.09	82.08
		70	4.86	4.58	-85.80	-6.34	-74.88	29.45	59.05	-9.59	-3.52	52.98	19.49
		73	2.74	2.69	-49.69	-6.18	-40.82	19.65	-5.64	-32.66	-8.33	-29.96	-8.09
		74	2.83	7.05	-39.42	-9.84	-22.52	22.35	52.39	-11.26	16.05	25.08	31.50
2	37	71	3.83	14.26	-39.15	-18.22	-6.67	26.07	82.96	-37.97	32.04	12.96	59.71
		70	4.32	3.04	-82.49	-6.60	-72.85	27.05	39.50	-9.98	0.60	28.92	20.29
		73	2.52	2.01	-46.18	-5.86	-38.31	17.82	6.59	-20.61	5.22	-19.24	-5.95
		74	2.67	6.29	-38.03	-9.59	-22.14	21.25	41.43	-17.72	3.92	19.80	28.49
3	8	74	3.85	10.95	-54.09	-11.83	-31.31	31.02	64.25	-18.85	12.37	33.02	40.24
		73	3.80	5.57	-71.71	-3.54	-62.60	24.92	-10.36	-35.50	-34.08	-11.77	5.79
		75	3.11	5.62	-51.15	-2.54	-42.98	19.92	-9.99	-56.27	-53.17	-13.08	-11.56
		76	2.76	8.66	-45.81	-6.35	-30.80	24.34	16.88	-18.96	-18.96	16.88	-0.17
3	32	74	2.89	8.11	-41.01	-9.04	-23.86	23.42	45.97	-15.17	7.31	23.48	29.48
		73	2.86	4.06	-53.83	-2.65	-47.12	18.53	-6.87	-24.58	-23.22	-8.23	4.72
		75	2.31	4.15	-38.19	-1.90	-32.15	14.81	-6.97	-40.09	-37.92	-9.14	-8.19
		76	2.07	6.43	-34.45	-4.76	-23.26	18.23	12.64	-14.71	-14.70	12.63	0.38
3	37	74	2.63	7.07	-38.39	-8.67	-22.65	21.63	36.84	-15.88	2.35	18.61	25.07
		73	2.62	3.39	-49.16	-2.41	-43.36	16.47	-4.08	-18.46	-16.38	-6.16	5.06
		75	2.04	3.60	-34.36	-1.69	-29.07	13.14	-5.21	-31.99	-30.35	-6.85	-6.44
		76	1.87	5.65	-31.54	-4.31	-21.58	16.47	11.47	-14.39	-14.32	11.40	1.33
4	8	76	2.90	7.86	-48.01	-6.54	-33.61	24.44	19.43	-18.35	-18.32	19.40	-1.08
		75	3.21	5.29	-54.04	-1.95	-46.80	19.42	-11.67	-57.40	-56.02	-13.04	-7.81
		77	2.78	5.42	-41.56	-1.07	-35.08	16.21	-5.31	-60.67	-55.24	-10.74	-16.46
		78	3.04	5.88	-40.63	-4.55	-30.20	19.40	26.17	-46.51	-28.21	7.87	-31.54
4	32	76	2.17	5.81	-36.16	-4.93	-25.42	18.32	14.34	-14.19	-14.19	14.34	-0.37
		75	2.38	3.89	-40.42	-1.46	-35.07	14.43	-8.27	-41.08	-40.16	-9.20	-5.44
		77	2.06	4.02	-30.99	-0.79	-26.18	12.05	-3.78	-44.04	-40.15	-7.67	-11.90
		78	2.26	4.37	-30.48	-3.39	-22.72	14.50	18.98	-34.05	-21.08	6.01	-22.80
4	37	76	1.97	5.02	-33.30	-4.56	-23.73	16.59	12.56	-13.79	-13.78	12.55	0.49
		75	2.12	3.33	-36.59	-1.31	-31.94	12.80	-6.46	-33.25	-32.62	-7.09	-4.07
		77	1.82	3.54	-27.80	-0.68	-23.58	10.70	-2.98	-36.89	-33.74	-6.12	-9.84
		78	2.02	3.82	-27.76	-3.01	-20.93	13.00	15.90	-29.12	-18.88	5.65	-18.88
5	8	78	3.13	5.02	-42.88	-4.61	-33.25	19.20	27.07	-46.20	-28.26	9.13	-31.51
		77	2.87	4.74	-44.15	-1.09	-38.31	15.85	-5.46	-60.07	-55.20	-10.33	-15.56
		79	2.42	4.53	-35.51	-0.45	-30.54	13.21	2.62	-47.30	-37.87	-6.82	-19.54
		80	2.99	3.00	-36.88	-3.56	-30.32	14.78	35.58	-63.56	-25.87	-2.11	-48.13
5	32	78	2.33	3.71	-32.22	-3.45	-25.06	14.35	19.63	-33.85	-21.12	6.90	-22.78
		77	2.13	3.50	-32.98	-0.82	-28.66	11.79	-3.88	-43.60	-40.11	-7.37	-11.24
		79	1.79	3.37	-26.46	-0.33	-22.76	9.83	1.98	-34.49	-27.65	-4.86	-14.23
		80	2.22	2.23	-27.64	-2.65	-22.77	11.04	25.96	-46.52	-19.19	-1.36	-35.12
5	37	78	2.08	3.17	-29.52	-3.11	-23.23	12.88	16.43	-29.01	-18.92	6.35	-18.88
		77	1.89	3.02	-29.80	-0.75	-26.02	10.47	-3.07	-36.51	-33.70	-5.88	-9.27
		79	1.59	3.00	-23.75	-0.27	-20.48	8.76	1.83	-29.17	-23.49	-3.85	-11.99
		80	1.97	1.95	-25.19	-2.32	-20.91	9.89	22.02	-39.67	-16.90	-0.76	-29.77
6	8	80	3.07	2.24	-39.20	-3.66	-33.30	14.48	36.13	-63.35	-26.56	-0.66	-48.03
		79	2.50	3.83	-38.00	-0.59	-33.59	12.86	3.04	-46.47	-37.47	-5.96	-19.09
		81	2.06	3.43	-32.11	-0.08	-28.61	10.59	11.70	-26.32	-13.28	-1.35	-18.05
		82	2.60	0.55	-35.02	-2.82	-31.65	10.41	31.42	-63.31	-20.18	-11.71	-47.17
6	32	80	2.28	1.65	-29.43	-2.73	-25.05	10.82	26.36	-46.37	-19.70	-0.31	-35.05
		79	1.86	2.83	-28.37	-0.45	-25.09	9.57	2.28	-33.87	-27.35	-4.23	-13.90
		81	1.53	2.56	-23.91	-0.05	-21.30	7.89	8.65	-19.15	-9.66	-0.84	-13.18
		82	1.93	0.42	-26.25	-2.09	-23.74	7.78	23.00	-46.33	-14.90	-8.43	-34.52
6	37	80	2.03	1.38	-26.99	-2.44	-23.17	9.69	22.36	-39.55	-17.32	0.13	-29.70
		79	1.65	2.46	-25.67	-0.42	-22.79	8.53	2.09	-28.62	-23.21	-3.32	-11.70
		81	1.36	2.30	-21.47	-0.03	-19.15	7.07	7.60	-16.07	-8.12	-0.35	-11.18
		82	1.72	0.37	-23.99	-1.83	-21.79	6.98	19.72	-39.50	-12.96	-6.82	-29.45
7	7	82	2.67	-0.26	-37.04	-2.99	-34.31	9.64	33.00	-64.57	-21.06	-10.50	-48.50
		81	2.16	2.85	-34.59	-0.17	-31.56	10.20	12.97	-25.42	-12.56	0.12	-18.12
		83	1.77	1.95	-31.76	-0.07	-29.75	7.99	16.16	-7.96	6.58	1.62	-11.81
		84	1.90	-1.59	-35.25	-2.64	-34.20	5.85	6.42	-48.11	-18.56	-23.13	-27.17
7	31	82	1.98	-0.19	-27.84	-2.23	-25.80	7.23	24.12	-47.18	-15.55	-7.51	-35.42
		81	1.60	2.12	-25.81	-0.14	-23.55	7.62	9.57	-18.43	-9.11	0.25	-13.19
		83	1.32	1.47	-23.60	-0.04	-22.09	5.97	11.97	-5.60	4.94	1.43	-8.61
		84	1.41	-1.17	-26.45	-1.97	-25.66	4.41	4.70	-35.07	-13.65	-16.72	-19.82
7	37	82	1.78	-0.16	-25.86	-2.02	-24.00	6.66	20.23	-39.54	-13.55	-5.76	-29.63
		81	1.43	1.91	-23.37	-0.15	-21.31	6.91	8.30	-14.97	-7.39	0.73	-10.90
		83	1.18	1.39	-21.04	-0.01	-19.64	5.43	10.55	-4.00	4.56	1.99	-7.16
		84	1.29	-1.02	-24.42	-1.77	-23.67	4.12	3.95	-29.10	-11.71	-13.44	-16.51
8	7	84	2.11	-3.31	-38.72	-3.57	-38.46	3.02	-1.09	-48.72	-24.49	-25.32	-23.81
		83	2.13	4.67	-34.22	1.96	-31.51	9.91	26.27	5.08	12.71	18.63	-10.17
		35	2.49	-5.54	-38.92	-5.54	-38.92	-0.21	-4.11	-46.99	-4.80	-46.30	5.38
		85	2.23	-6.42	-34.03	-7.10	-33.35	4.29	-13.98	-50.20	-14.30	-49.87	3.40
8	31	84	1.58	-2.46	-29.09	-2.66	-28.89	2.27	-0.85	-35.52	-18.02	-18.34	-17.34

		83	1.59	3.49	-25.51	1.44	-23.46	7.42	19.50	4.02	9.49	14.03	-7.40
		35	1.84	-4.11	-28.86	-4.12	-28.86	-0.17	-2.98	-34.50	-3.50	-33.98	4.01
		85	1.67	-4.80	-25.60	-5.32	-25.07	3.26	-10.22	-36.60	-10.47	-36.35	2.56
8	37	84	1.43	-2.20	-26.95	-2.39	-26.76	2.13	-0.86	-29.52	-15.52	-14.85	-14.32
		83	1.43	3.16	-22.99	1.25	-21.08	6.80	17.35	4.34	8.60	13.10	-6.10
		35	1.61	-3.67	-25.55	-3.67	-25.55	-0.19	-2.43	-29.44	-2.91	-28.95	3.60
		85	1.50	-4.38	-23.81	-4.90	-23.29	3.13	-8.56	-30.44	-8.83	-30.18	2.39
9	7	87	4.42	35.64	5.82	31.55	9.91	-10.26	198.41	-42.52	-1.37	157.26	90.68
		72	6.72	27.06	-1.85	26.02	-0.81	-5.39	449.43	100.15	100.52	449.05	11.38
		71	6.50	17.71	-38.86	-33.77	12.62	16.18	232.77	-124.78	38.79	69.21	178.13
		86	4.16	3.85	-8.95	-1.69	-3.41	6.34	239.96	-27.02	29.90	183.04	109.35
9	31	87	3.17	25.82	4.40	22.54	7.67	-7.71	138.42	-34.22	-1.98	106.18	67.28
		72	4.58	18.76	-1.45	18.04	-0.74	-3.74	304.57	67.62	68.19	304.01	11.56
		71	4.76	13.32	-30.51	-26.45	9.26	12.70	162.54	-93.17	25.90	43.47	127.55
		86	3.03	2.62	-7.42	-2.19	-2.61	5.01	169.17	-23.82	19.28	126.07	80.38
9	37	87	2.52	21.10	3.98	17.24	7.84	-7.15	96.06	-40.14	-4.85	60.77	59.67
		72	2.80	12.45	-1.54	11.99	-1.08	-2.49	179.78	37.25	40.16	176.87	20.16
		71	4.05	12.39	-32.43	-27.91	7.87	13.50	112.13	-84.85	13.80	13.47	98.49
		86	2.54	1.81	-9.30	-4.93	-2.56	5.43	122.33	-33.61	7.87	80.84	68.91
10	7	86	4.13	5.54	-3.03	-0.39	2.90	3.96	214.55	-61.20	4.37	148.98	117.39
		71	5.35	12.15	-50.64	-27.52	-10.97	30.29	198.01	-3.92	86.06	108.03	100.36
		74	3.91	13.41	-49.50	-10.28	-25.81	30.49	64.95	-30.59	4.74	29.62	46.12
		88	3.82	10.72	-32.14	-13.15	-8.27	21.29	135.21	-25.27	7.08	102.85	64.39
10	31	86	3.00	4.10	-3.15	-1.17	2.11	3.23	151.01	-47.25	1.18	102.58	85.18
		71	3.96	9.09	-39.30	-21.55	-8.66	23.32	137.37	-6.62	59.08	71.67	71.72
		74	2.93	10.06	-37.72	-7.91	-19.75	23.14	46.43	-23.40	1.60	21.43	33.48
		88	2.84	8.01	-24.76	-10.30	-6.45	16.27	96.24	-20.58	2.54	73.12	46.55
10	37	86	2.46	3.68	-5.75	-3.82	1.74	3.81	108.14	-47.96	-5.52	65.70	69.45
		71	3.51	8.28	-40.38	-22.74	-9.36	23.39	91.76	-17.97	37.23	36.56	54.87
		74	2.71	9.25	-36.61	-7.92	-19.44	22.20	35.75	-23.17	-4.69	17.26	27.34
		88	2.55	7.29	-24.88	-10.87	-6.72	15.95	72.44	-24.13	-6.40	54.71	37.38
11	8	88	3.66	9.68	-32.29	-10.35	-12.25	20.97	123.98	-37.35	-7.34	93.97	62.78
		74	3.89	11.18	-53.68	-13.32	-29.18	31.45	65.88	-20.77	10.80	34.31	41.70
		76	2.90	10.72	-47.31	-6.93	-29.66	26.70	20.13	-22.93	-22.90	20.11	1.06
		89	2.56	9.07	-37.73	-10.35	-18.32	23.06	69.54	-21.64	-20.81	68.71	8.63
11	32	88	2.72	7.17	-24.69	-8.11	-9.42	15.91	88.79	-28.90	-7.32	67.21	45.54
		74	2.92	8.32	-40.70	-10.19	-22.19	23.77	47.00	-16.54	6.21	24.25	30.46
		76	2.18	8.01	-35.63	-5.22	-22.39	20.06	15.03	-17.56	-17.52	15.00	1.09
		89	1.93	6.75	-28.57	-7.86	-13.95	17.40	50.81	-17.35	-16.77	50.24	6.25
11	37	88	2.41	6.19	-23.55	-8.22	-9.13	14.86	71.54	-27.66	-10.16	54.03	37.81
		74	2.66	7.40	-38.12	-9.79	-20.93	22.06	37.32	-16.94	1.51	18.87	25.71
		76	1.99	7.22	-32.77	-4.80	-20.75	18.34	13.50	-16.66	-16.58	13.42	1.53
		89	1.77	5.96	-26.57	-7.39	-13.22	16.00	43.16	-17.83	-17.40	42.73	5.09
12	8	89	2.65	7.91	-38.96	-9.77	-21.28	22.72	70.01	-22.44	-21.44	69.01	9.59
		76	2.95	9.43	-49.16	-7.24	-32.50	26.43	20.70	-21.02	-20.97	20.64	1.51
		78	3.12	7.70	-42.25	-5.05	-29.50	21.78	23.55	-44.25	-30.52	9.81	-27.25
		90	3.08	4.85	-37.47	-8.93	-23.69	19.83	52.69	-39.26	-27.53	40.96	-30.67
12	32	89	2.00	5.86	-29.52	-7.44	-16.22	17.14	51.10	-17.87	-17.17	50.39	6.95
		76	2.22	7.02	-37.06	-5.47	-24.56	19.86	15.29	-16.24	-16.18	15.22	1.41
		78	2.33	5.77	-31.73	-3.77	-22.19	16.33	17.17	-32.52	-22.79	7.44	-19.72
		90	2.31	3.62	-28.27	-6.70	-17.95	14.92	38.71	-29.60	-21.14	30.25	-22.50
12	37	89	1.83	5.08	-27.58	-7.05	-15.45	15.78	43.25	-18.13	-17.61	42.72	5.67
		76	2.03	6.24	-34.22	-5.08	-22.89	18.17	13.36	-15.70	-15.59	13.25	1.77
		78	2.09	5.22	-29.03	-3.39	-20.42	14.85	14.58	-28.07	-20.39	6.90	-16.39
		90	2.09	3.19	-26.14	-6.09	-16.86	13.64	33.39	-27.00	-19.99	26.38	-19.34
13	8	90	3.15	3.81	-39.29	-8.84	-26.65	19.62	52.82	-39.14	-28.07	41.74	-29.93
		78	3.19	6.72	-44.42	-5.05	-32.65	21.53	23.82	-43.73	-30.48	10.57	-26.83
		80	3.03	4.64	-38.38	-3.92	-29.82	17.18	29.88	-58.12	-27.16	-1.08	-42.02
		91	3.07	0.34	-36.11	-7.94	-27.83	15.28	45.45	-63.32	-26.91	9.03	-51.33
13	32	90	2.36	2.82	-29.68	-6.64	-20.22	14.77	38.79	-29.52	-21.53	30.79	-21.96
		78	2.38	5.02	-33.41	-3.78	-24.61	16.15	17.35	-32.17	-22.79	7.96	-19.41
		80	2.26	3.50	-28.80	-2.91	-22.39	12.89	21.82	-42.58	-20.17	-0.60	-30.68
		91	2.29	0.27	-27.23	-5.93	-21.03	11.49	33.35	-46.80	-20.30	6.84	-37.71
13	37	90	2.14	2.40	-27.57	-6.08	-19.09	13.50	33.41	-26.95	-20.32	26.77	-18.88
		78	2.15	4.48	-30.72	-3.44	-22.81	14.70	14.68	-27.85	-20.43	7.27	-16.13
		80	2.02	3.22	-26.35	-2.58	-20.55	11.74	18.57	-36.42	-17.77	-0.08	-26.03
		91	2.06	0.24	-25.19	-5.30	-19.66	10.49	28.69	-40.83	-18.49	6.35	-32.46
14	8	91	3.13	-0.52	-38.21	-7.97	-30.76	15.01	45.48	-63.25	-28.03	10.26	-50.88
		80	3.10	3.83	-40.71	-3.93	-32.95	16.90	30.26	-57.78	-27.69	0.17	-41.76
		82	2.61	1.78	-36.15	-3.14	-31.24	12.74	25.28	-57.11	-19.86	-11.96	-41.00
		92	2.54	-3.21	-35.48	-7.05	-31.65	10.44	27.12	-74.99	-23.47	-24.41	-51.05
14	32	91	2.34	-0.39	-28.85	-5.96	-23.27	11.29	33.36	-46.76	-21.13	7.73	-37.37
		80	2.31	2.87	-30.60	-2.94	-24.79	12.68	22.09	-42.34	-20.55	0.31	-30.48
		82	1.95	1.37	-27.13	-2.33	-23.43	9.58	18.52	-41.81	-14.68	-8.60	-30.01
		92	1.90	-2.38	-26.76	-5.25	-23.89	7.86	19.90	-55.15	-17.50	-17.75	-37.52
14	37	91	2.11	-0.41	-26.83	-5.36	-21.87	10.31	28.69	-40.81	-19.21	7.08	-32.17
		80	2.08	2.59	-28.16	-2.64	-22.92	11.56	18.79	-36.23	-18.11	0.67	-25.86

		82	1.75	1.32	-24.88	-2.06	-21.50	8.78	15.91	-35.67	-12.80	-6.95	-25.62
		92	1.71	-2.10	-24.86	-4.68	-22.29	7.21	17.15	-47.53	-15.55	-14.83	-32.34
15	8	92	2.58	-4.01	-37.77	-7.21	-34.56	9.90	26.45	-74.71	-24.95	-23.31	-50.57
		82	2.71	1.36	-38.71	-3.07	-34.27	12.57	25.84	-56.57	-20.67	-10.06	-40.86
		84	1.90	-1.43	-35.76	-3.37	-33.83	7.91	3.28	-43.07	-14.79	-25.00	-22.60
		93	2.36	-5.59	-36.20	-6.89	-34.90	6.17	-1.31	-74.39	-18.97	-56.73	-31.29
15	32	92	1.93	-2.98	-28.53	-5.39	-26.12	7.46	19.40	-54.94	-18.59	-16.95	-37.16
		82	2.02	1.04	-29.09	-2.29	-25.76	9.45	18.93	-41.41	-15.27	-7.21	-29.90
		84	1.42	-1.04	-26.83	-2.51	-25.37	5.97	2.41	-31.42	-10.88	-18.14	-16.52
		93	1.76	-4.17	-27.32	-5.15	-26.34	4.66	-0.96	-54.51	-14.00	-41.47	-22.98
15	37	92	1.75	-2.69	-26.63	-4.83	-24.49	6.83	16.71	-47.36	-16.49	-14.15	-32.01
		82	1.83	0.98	-26.84	-2.06	-23.81	8.68	16.27	-35.33	-13.30	-5.76	-25.52
		84	1.29	-0.87	-24.67	-2.24	-23.31	5.53	2.14	-26.54	-9.37	-15.03	-14.05
		93	1.60	-3.75	-25.48	-4.64	-24.59	4.30	-0.79	-46.54	-12.14	-35.18	-19.76
16	8	93	2.52	-6.63	-38.42	-7.26	-37.79	4.41	-3.20	-73.92	-19.68	-57.45	-29.89
		84	2.04	-1.50	-38.57	-3.58	-36.48	8.55	-0.15	-40.55	-15.61	-25.08	-19.64
		85	2.30	-6.64	-35.78	-6.84	-35.58	2.44	-9.41	-47.90	-9.42	-47.89	0.45
		94	2.80	-6.56	-38.51	-7.60	-37.47	5.68	-14.67	-77.24	-14.90	-77.02	-3.74
16	32	93	1.88	-4.96	-29.02	-5.43	-28.56	3.32	-2.36	-54.16	-14.51	-42.01	-21.95
		84	1.53	-1.08	-29.01	-2.67	-27.42	6.47	-0.13	-29.56	-11.48	-18.20	-14.33
		85	1.72	-4.98	-26.85	-5.13	-26.70	1.81	-6.87	-34.94	-6.87	-34.93	0.37
		94	2.09	-4.94	-29.08	-5.73	-28.28	4.31	-10.69	-56.35	-10.86	-56.18	-2.73
16	37	93	1.71	-4.52	-27.18	-4.92	-26.78	2.99	-2.03	-46.24	-12.59	-35.67	-18.85
		84	1.40	-0.91	-26.87	-2.41	-25.36	6.07	-0.09	-24.90	-9.90	-15.09	-12.13
		85	1.54	-4.60	-24.74	-4.72	-24.62	1.57	-5.80	-29.50	-5.80	-29.50	0.41
		94	1.89	-4.59	-27.20	-5.35	-26.44	4.08	-9.01	-47.60	-9.15	-47.46	-2.33
17	7	96	4.17	31.89	-5.74	31.82	-5.67	-1.60	164.14	-48.48	-19.60	135.26	72.85
		87	4.31	29.46	-1.85	29.16	-1.55	-3.07	226.51	7.36	17.59	216.28	46.24
		86	4.73	7.77	-6.73	-2.23	3.27	6.71	229.50	-75.20	3.72	150.58	133.48
		95	4.50	14.40	-5.97	12.26	-3.83	6.25	241.88	-81.57	-22.77	183.08	124.75
17	31	96	2.99	22.91	-4.31	22.86	-4.25	-1.21	115.38	-38.25	-15.26	92.38	54.81
		87	3.01	20.92	-1.32	20.70	-1.10	-2.20	155.88	2.39	11.06	147.21	35.44
		86	3.46	5.80	-5.94	-2.58	2.43	5.31	162.37	-58.16	0.85	103.36	97.63
		95	3.31	10.23	-4.71	8.47	-2.95	4.82	173.81	-62.79	-18.02	129.04	92.67
17	37	96	2.36	17.94	-3.97	17.88	-3.91	-1.14	82.93	-42.19	-15.83	56.57	51.02
		87	2.12	15.57	-0.99	15.40	-0.81	-1.70	100.96	-9.10	3.48	88.38	35.02
		86	2.93	5.33	-8.38	-5.22	2.17	5.77	119.20	-59.45	-5.30	65.05	82.11
		95	2.86	7.73	-5.17	5.52	-2.96	4.87	136.48	-63.25	-19.59	92.83	82.55
18	7	95	4.19	13.32	-6.82	11.36	-4.85	5.97	224.68	-75.09	-26.21	175.79	110.75
		86	4.23	7.88	-12.93	-2.61	-2.45	10.41	208.67	-44.52	15.01	149.14	107.37
		88	3.89	12.45	-30.80	-10.42	-7.93	21.59	132.14	-36.78	-4.91	100.27	66.09
		97	3.95	10.07	-19.20	-3.39	-5.75	14.59	187.78	-50.24	-30.36	167.91	65.84
18	31	95	3.01	9.41	-5.38	7.79	-3.76	4.63	160.89	-57.40	-20.53	124.02	81.79
		86	3.09	5.75	-10.53	-2.82	-1.96	8.13	146.88	-35.39	8.81	102.68	78.12
		88	2.89	9.34	-23.75	-8.24	-6.18	16.51	94.23	-28.67	-5.85	71.41	47.79
		97	2.92	7.45	-14.93	-2.99	-4.50	11.16	135.39	-38.60	-24.08	120.88	48.12
18	37	95	2.56	6.95	-5.90	4.87	-3.83	4.73	124.43	-56.51	-21.67	89.59	71.34
		86	2.62	4.89	-12.41	-5.34	-2.18	8.51	105.23	-39.12	0.41	65.70	64.37
		88	2.59	8.61	-23.94	-8.93	-6.40	16.22	71.49	-29.83	-12.18	53.84	38.43
		97	2.55	6.54	-15.44	-4.16	-4.74	10.99	107.59	-38.45	-26.29	95.43	40.35
19	8	97	3.83	9.37	-22.20	-3.77	-9.05	15.56	176.08	-55.12	-35.17	156.13	64.92
		88	3.80	11.46	-35.09	-10.63	-13.00	23.24	122.50	-36.70	-8.35	94.15	60.90
		89	2.67	11.28	-39.30	-10.19	-17.83	25.00	69.81	-24.35	-23.45	68.91	9.15
		98	2.95	7.28	-30.25	-10.40	-12.58	18.73	127.40	-38.09	-37.85	127.17	6.19
19	32	97	2.83	6.88	-17.06	-3.20	-6.98	11.82	127.46	-41.82	-27.23	112.86	47.51
		88	2.83	8.53	-26.82	-8.32	-9.97	17.66	87.76	-28.41	-7.96	67.30	44.25
		89	2.01	8.46	-29.78	-7.75	-13.57	18.90	51.00	-19.24	-18.61	50.37	6.59
		98	2.20	5.41	-23.01	-7.96	-9.65	14.19	93.13	-29.32	-29.18	92.98	4.26
19	37	97	2.47	5.78	-16.44	-3.81	-6.84	11.01	105.79	-38.35	-25.91	93.35	40.47
		88	2.52	7.58	-25.61	-8.44	-9.59	16.59	70.78	-27.23	-10.47	54.02	36.90
		89	1.86	7.67	-27.82	-7.32	-12.83	17.53	43.28	-19.23	-18.77	42.82	5.32
		98	1.98	4.72	-21.64	-7.60	-9.32	13.15	79.15	-27.76	-27.67	79.06	3.02
20	8	98	3.06	6.02	-31.65	-9.99	-15.64	18.62	126.59	-38.20	-37.85	126.23	7.60
		89	2.77	9.90	-40.98	-10.03	-21.05	24.84	70.24	-23.91	-22.91	69.24	9.65
		90	3.22	7.00	-39.36	-9.22	-23.14	22.11	52.41	-39.73	-28.53	41.20	-30.11
		99	3.27	1.51	-33.22	-12.25	-19.46	16.99	91.09	-48.43	-36.36	79.02	-39.21
20	32	98	2.28	4.44	-24.09	-7.66	-11.99	14.10	92.51	-29.38	-29.15	92.28	5.31
		89	2.09	7.40	-31.07	-7.64	-16.03	18.77	51.23	-18.90	-18.20	50.53	6.98
		90	2.41	5.27	-29.73	-6.93	-17.53	16.68	38.52	-29.96	-21.86	30.42	-22.11
		99	2.46	1.12	-25.18	-9.22	-14.84	12.85	67.08	-36.68	-27.75	58.15	-29.09
20	37	98	2.06	3.76	-22.74	-7.35	-11.63	13.08	78.59	-27.75	-27.60	78.44	3.98
		89	1.93	6.62	-29.13	-7.26	-15.25	17.42	43.30	-18.91	-18.39	42.78	5.70
		90	2.20	4.83	-27.60	-6.32	-16.45	15.41	33.24	-27.32	-20.58	26.50	-19.05
		99	2.23	0.94	-23.54	-8.44	-14.16	11.90	58.07	-33.69	-25.86	50.24	-25.63
21	8	99	3.35	0.36	-34.90	-12.10	-22.44	16.85	90.71	-48.50	-37.28	79.49	-37.89
		90	3.29	5.82	-41.25	-9.12	-26.31	21.91	52.52	-39.58	-28.99	41.93	-29.39
		91	3.22	2.27	-37.85	-8.25	-27.33	17.65	44.82	-62.91	-27.26	9.17	-50.69

		100	3.19	-4.17	-33.87	-12.15	-25.89	13.16	63.14	-74.13	-32.44	21.45	-63.13
21	32	99	2.51	0.24	-26.48	-9.12	-17.12	12.75	66.78	-36.72	-28.42	58.48	-28.11
		90	2.47	4.37	-31.19	-6.87	-19.96	16.53	38.58	-29.85	-22.19	30.91	-21.58
		91	2.41	1.75	-28.57	-6.16	-20.65	13.31	32.90	-46.51	-20.56	6.94	-37.25
		100	2.39	-3.10	-25.66	-9.10	-19.66	9.96	46.58	-55.14	-24.50	15.94	-46.67
21	37	99	2.29	0.08	-24.87	-8.38	-16.41	11.81	57.76	-33.70	-26.42	50.48	-24.76
		90	2.25	3.94	-29.08	-6.30	-18.84	15.28	33.23	-27.25	-20.87	26.85	-18.59
		91	2.18	1.70	-26.53	-5.53	-19.29	12.32	28.32	-40.61	-18.72	6.43	-32.09
		100	2.16	-2.79	-24.02	-8.20	-18.61	9.25	40.51	-48.75	-22.36	14.12	-40.73
22	8	100	3.24	-5.09	-35.85	-12.18	-28.76	12.96	62.75	-74.18	-34.02	22.59	-62.34
		91	3.28	1.32	-39.99	-8.22	-30.45	17.41	44.81	-62.81	-28.36	10.36	-50.21
		92	2.70	-1.75	-36.79	-7.32	-31.22	12.82	26.77	-74.34	-23.20	-24.37	-50.55
		101	2.59	-7.83	-34.87	-11.18	-31.53	8.91	30.22	-96.59	-27.96	-38.42	-63.19
22	32	100	2.43	-3.80	-27.19	-9.13	-21.86	9.81	46.28	-55.18	-25.67	16.77	-46.08
		91	2.45	1.02	-30.22	-6.16	-23.04	13.14	32.88	-46.45	-21.37	7.80	-36.89
		92	2.02	-1.25	-27.77	-5.46	-23.56	9.69	19.65	-54.67	-17.30	-17.72	-37.16
		101	1.94	-5.82	-26.43	-8.35	-23.90	6.76	22.31	-71.31	-20.89	-28.10	-46.67
22	37	100	2.21	-3.47	-25.58	-8.26	-20.79	9.11	40.23	-48.79	-23.38	14.81	-40.21
		91	2.23	0.98	-28.19	-5.56	-21.65	12.16	28.29	-40.57	-19.42	7.14	-31.77
		92	1.83	-0.99	-25.86	-4.88	-21.97	9.04	16.95	-47.13	-15.38	-14.80	-32.04
		101	1.76	-5.20	-24.84	-7.51	-22.53	6.33	19.48	-61.98	-18.63	-23.87	-40.65
23	8	101	2.61	-8.58	-37.08	-11.38	-34.28	8.49	29.57	-96.55	-29.53	-37.45	-62.94
		92	2.75	-2.44	-39.19	-7.41	-34.23	12.56	26.23	-73.98	-24.47	-23.28	-50.10
		93	2.33	-4.74	-36.96	-6.98	-34.72	8.20	-0.79	-73.98	-18.49	-56.28	-31.34
		102	2.93	-8.89	-37.23	-9.94	-36.18	5.34	-4.98	-111.90	-24.60	-92.28	-41.39
23	32	101	1.96	-6.40	-28.13	-8.52	-26.01	6.44	21.83	-71.28	-22.05	-27.40	-46.48
		92	2.06	-1.78	-29.62	-5.53	-25.87	9.51	19.25	-54.41	-18.23	-16.93	-36.82
		93	1.74	-3.51	-27.90	-5.22	-26.19	6.22	-0.57	-54.20	-13.64	-41.13	-23.02
		102	2.18	-6.64	-28.20	-7.44	-27.40	4.08	-3.60	-82.25	-18.16	-67.68	-30.55
23	37	101	1.78	-5.76	-26.55	-7.68	-24.63	6.02	19.05	-61.97	-19.64	-23.28	-40.47
		92	1.88	-1.51	-27.72	-4.97	-24.26	8.87	16.58	-46.91	-16.19	-14.14	-31.73
		93	1.58	-3.10	-26.05	-4.71	-24.44	5.86	-0.43	-46.27	-11.83	-34.87	-19.81
		102	1.97	-6.00	-26.56	-6.76	-25.80	3.87	-2.94	-70.77	-15.79	-57.92	-26.58
24	8	102	3.06	-9.84	-39.30	-10.32	-38.82	3.72	-6.95	-110.64	-25.67	-91.91	-39.89
		93	2.46	-4.89	-39.92	-7.31	-37.50	8.88	-2.78	-72.96	-19.21	-56.53	-29.71
		94	2.80	-7.12	-37.93	-7.52	-37.53	3.48	-14.73	-77.89	-14.93	-77.68	-3.59
		103	3.62	-7.40	-40.93	-8.22	-40.11	5.17	-24.59	-128.98	-24.90	-128.66	-5.74
24	32	102	2.28	-7.37	-29.80	-7.74	-29.43	2.83	-5.06	-81.32	-18.96	-67.42	-29.44
		93	1.84	-3.63	-30.18	-5.47	-28.34	6.76	-2.05	-53.45	-14.17	-41.33	-21.82
		94	2.09	-5.37	-28.63	-5.67	-28.33	2.62	-10.73	-56.82	-10.88	-56.67	-2.63
		103	2.70	-5.59	-31.00	-6.22	-30.37	3.97	-17.98	-94.41	-18.22	-94.18	-4.24
24	37	102	2.07	-6.72	-28.16	-7.05	-27.83	2.64	-4.23	-69.96	-16.48	-57.71	-25.60
		93	1.68	-3.20	-28.34	-4.97	-26.58	6.42	-1.73	-45.62	-12.29	-35.06	-18.75
		94	1.88	-5.02	-26.74	-5.29	-26.47	2.39	-9.04	-47.99	-9.17	-47.86	-2.24
		103	2.43	-5.20	-29.21	-5.84	-28.57	3.86	-15.29	-80.46	-15.50	-80.25	-3.68
25	8	105	4.71	36.18	-8.91	36.07	-8.80	2.22	182.42	-77.87	-26.49	131.04	103.60
		96	3.69	30.14	-6.33	29.98	-6.17	2.41	145.62	-47.13	-19.00	117.49	68.05
		95	4.73	14.50	-7.24	10.06	-2.80	8.76	227.35	-96.59	-29.97	160.73	130.93
		104	5.64	22.11	-9.29	18.35	-5.53	10.20	287.24	-114.59	-42.93	215.57	153.82
25	32	105	3.44	26.33	-6.71	26.25	-6.63	1.62	131.67	-59.64	-20.09	92.11	77.48
		96	2.64	21.70	-4.73	21.57	-4.61	1.83	102.73	-36.93	-14.71	80.51	51.09
		95	3.49	10.46	-5.69	6.90	-2.12	6.70	164.21	-73.35	-22.99	113.86	97.09
		104	4.18	16.11	-7.12	13.21	-4.22	7.69	209.86	-86.56	-32.35	155.65	114.59
25	37	105	2.92	21.96	-6.10	21.89	-6.03	1.34	109.64	-55.86	-18.08	71.86	69.46
		96	2.15	17.54	-4.19	17.41	-4.06	1.66	81.35	-36.26	-13.60	58.69	46.38
		95	3.06	8.57	-5.76	4.70	-1.88	6.37	136.12	-67.81	-21.28	89.59	85.58
		104	3.66	13.44	-6.73	10.67	-3.95	6.95	178.74	-79.03	-29.04	128.75	101.91
26	8	104	5.20	20.85	-11.18	17.46	-7.79	9.86	266.75	-96.12	-44.92	215.56	126.31
		95	4.24	14.17	-10.65	9.23	-5.71	9.92	208.87	-78.81	-28.83	158.90	108.99
		97	4.12	12.83	-23.03	-4.29	-5.91	17.91	177.29	-57.20	-37.57	157.66	64.94
		106	4.67	12.04	-17.73	0.62	-6.31	14.48	247.44	-69.17	-56.14	234.42	62.87
26	32	104	3.80	15.16	-8.58	12.53	-5.96	7.44	194.35	-72.49	-33.84	155.70	93.91
		95	3.12	10.21	-8.31	6.27	-4.37	7.58	150.23	-59.81	-22.23	112.65	80.51
		97	3.05	9.54	-17.71	-3.59	-4.57	13.62	128.34	-43.34	-28.97	113.97	47.55
		106	3.45	8.87	-13.63	0.12	-4.88	10.96	180.72	-52.03	-42.35	171.04	46.46
26	37	104	3.23	12.55	-8.22	10.02	-5.69	6.79	164.43	-65.86	-30.35	128.92	83.16
		95	2.72	8.28	-8.30	4.11	-4.13	7.19	123.14	-55.05	-20.75	88.84	70.25
		97	2.69	8.48	-17.10	-4.18	-4.44	12.79	106.52	-39.65	-27.37	94.25	40.54
		106	3.00	7.58	-13.08	-0.69	-4.80	10.12	153.42	-46.90	-38.30	144.82	40.60
27	8	106	4.53	10.93	-19.56	0.42	-9.05	14.50	244.42	-67.66	-54.05	230.81	63.74
		97	3.99	11.77	-25.22	-4.08	-9.37	18.31	174.70	-55.09	-35.56	155.17	64.07
		98	3.04	9.72	-32.41	-10.42	-12.28	21.04	126.93	-39.30	-39.08	126.70	6.10
		107	3.90	4.31	-25.75	-10.40	-11.04	15.02	194.55	-53.46	-53.31	194.40	-6.13
27	32	106	3.34	8.01	-15.03	-0.03	-6.99	10.98	178.52	-50.91	-40.80	168.42	47.07
		97	2.96	8.72	-19.37	-3.43	-7.22	13.92	126.48	-41.81	-27.51	112.18	46.92
		98	2.28	7.28	-24.67	-7.98	-9.41	15.96	92.79	-30.18	-30.04	92.65	4.20
		107	2.90	3.17	-19.64	-7.97	-8.50	11.40	142.76	-40.43	-40.30	142.64	-4.79

27	37	106	2.91	6.73	-14.48	-0.85	-6.89	10.16	151.56	-45.92	-36.97	142.62	41.06
		97	2.60	7.62	-18.72	-4.05	-7.05	13.09	105.03	-38.37	-26.15	92.81	40.04
		98	2.06	6.59	-23.30	-7.64	-9.07	14.93	78.87	-28.42	-28.34	78.79	3.00
		107	2.56	2.67	-18.59	-7.60	-8.31	10.62	122.47	-36.86	-36.72	122.33	-4.64
28	8	107	3.99	2.98	-27.28	-10.28	-14.02	15.02	193.01	-53.02	-52.97	192.96	-3.57
		98	3.16	8.34	-34.10	-10.16	-15.60	21.04	126.27	-39.04	-38.71	125.94	7.36
		99	3.42	3.88	-35.39	-12.46	-19.04	19.36	91.01	-49.06	-37.08	79.02	-39.18
		108	3.75	-3.96	-29.49	-15.04	-18.41	12.65	139.66	-63.66	-46.31	122.30	-56.81
28	32	107	2.97	2.16	-20.83	-7.89	-10.78	11.40	141.63	-40.09	-40.05	141.58	-2.89
		98	2.36	6.22	-25.97	-7.79	-11.96	15.96	92.28	-29.98	-29.76	92.06	5.15
		99	2.57	2.94	-26.85	-9.39	-14.51	14.67	67.02	-37.13	-28.26	58.15	-29.07
		108	2.80	-2.98	-22.43	-11.33	-14.07	9.63	102.98	-47.90	-34.96	90.04	-42.25
28	37	107	2.64	1.68	-19.79	-7.55	-10.56	10.63	121.48	-36.55	-36.50	121.43	-2.97
		98	2.14	5.54	-24.61	-7.49	-11.58	14.93	78.39	-28.22	-28.08	78.25	3.88
		99	2.34	2.74	-25.20	-8.62	-13.83	13.73	58.00	-34.05	-26.26	50.22	-25.61
		108	2.53	-2.76	-21.14	-10.38	-13.53	9.05	89.37	-43.34	-31.83	77.86	-37.35
29	8	108	3.83	-5.13	-31.15	-14.94	-21.33	12.61	138.72	-63.61	-47.56	122.67	-54.67
		99	3.50	2.60	-37.15	-12.32	-22.24	19.25	90.65	-49.09	-37.93	79.49	-37.88
		100	3.36	-2.06	-35.80	-12.41	-25.45	15.56	63.08	-74.28	-32.77	21.57	-63.08
		109	3.42	-10.32	-31.69	-15.69	-26.32	9.27	87.71	-92.49	-39.47	34.69	-82.12
29	32	108	2.87	-3.87	-23.71	-11.27	-16.31	9.60	102.28	-47.86	-35.89	90.31	-40.66
		99	2.63	1.96	-28.21	-9.29	-16.96	14.59	66.73	-37.15	-28.89	58.47	-28.10
		100	2.52	-1.48	-27.14	-9.30	-19.32	11.81	46.53	-55.25	-24.74	16.02	-46.63
		109	2.56	-7.70	-24.09	-11.77	-20.02	7.08	64.89	-68.89	-29.66	25.65	-60.91
29	37	108	2.59	-3.63	-22.46	-10.35	-15.74	9.02	88.72	-43.28	-32.64	78.08	-35.94
		99	2.40	1.78	-26.58	-8.56	-16.25	13.65	57.71	-34.04	-26.79	50.46	-24.75
		100	2.29	-1.19	-25.49	-8.40	-18.28	11.10	40.48	-48.85	-22.55	14.18	-40.71
		109	2.33	-6.90	-22.79	-10.64	-19.04	6.74	56.76	-61.06	-26.75	22.45	-53.53
30	8	109	3.47	-11.11	-33.74	-15.76	-29.09	9.14	87.03	-92.60	-41.59	36.02	-81.00
		100	3.41	-3.09	-37.83	-12.40	-28.52	15.38	62.70	-74.32	-34.33	22.70	-62.29
		101	2.78	-6.26	-36.28	-11.38	-31.15	11.30	30.28	-96.50	-28.03	-38.19	-63.19
		110	2.71	-12.73	-35.10	-14.47	-33.36	5.99	35.67	-126.32	-34.93	-55.72	-80.33
30	32	109	2.61	-8.31	-25.68	-11.83	-22.15	6.98	64.37	-68.97	-31.22	26.62	-60.07
		100	2.56	-2.27	-28.71	-9.30	-21.68	11.68	46.24	-55.28	-25.89	16.85	-46.04
		101	2.08	-4.62	-27.51	-8.51	-23.61	8.60	22.37	-71.24	-20.94	-27.94	-46.67
		110	2.03	-9.49	-26.67	-10.84	-25.33	4.61	26.50	-93.48	-26.04	-40.94	-59.52
30	37	109	2.37	-7.49	-24.39	-10.73	-21.16	6.65	56.29	-61.13	-28.12	23.28	-52.78
		100	2.34	-1.96	-27.08	-8.43	-20.62	10.98	40.20	-48.88	-23.55	14.87	-40.18
		101	1.90	-4.01	-25.91	-7.66	-22.25	8.17	19.54	-61.94	-18.67	-23.73	-40.66
		110	1.85	-8.49	-25.25	-9.79	-23.96	4.47	23.43	-81.68	-23.10	-35.16	-52.21
31	8	110	2.77	-13.34	-37.39	-14.74	-35.98	5.65	35.03	-126.47	-37.01	-54.43	-80.28
		101	2.81	-7.00	-38.63	-11.55	-34.07	11.10	29.66	-96.44	-29.59	-37.18	-62.94
		102	2.88	-8.08	-37.89	-10.03	-35.94	7.36	-4.96	-111.61	-24.61	-91.96	-41.35
		111	3.75	-11.94	-39.51	-12.36	-39.09	3.38	-11.86	-159.71	-34.12	-137.45	-52.87
31	32	110	2.07	-9.96	-28.43	-11.05	-27.34	4.35	26.02	-93.59	-27.57	-40.00	-59.48
		101	2.11	-5.19	-29.31	-8.64	-25.86	8.45	21.90	-71.20	-22.09	-27.20	-46.48
		102	2.15	-6.02	-28.72	-7.52	-27.22	5.63	-3.58	-82.04	-18.17	-67.44	-30.53
		111	2.79	-8.94	-29.98	-9.28	-29.65	2.64	-8.62	-117.68	-25.20	-101.10	-39.16
31	37	110	1.87	-8.96	-27.01	-10.01	-25.97	4.21	22.99	-81.79	-24.44	-34.35	-52.16
		101	1.94	-4.57	-27.72	-7.81	-24.49	8.03	19.12	-61.90	-19.67	-23.11	-40.48
		102	1.94	-5.38	-27.08	-6.83	-25.62	5.42	-2.92	-70.59	-15.79	-57.71	-26.56
		111	2.51	-8.10	-28.32	-8.46	-27.97	2.65	-7.18	-101.86	-21.92	-87.12	-34.33
32	8	111	3.87	-12.70	-41.70	-12.82	-41.59	1.83	-14.24	-158.11	-35.66	-136.69	-51.21
		102	2.98	-8.26	-40.82	-10.41	-38.67	8.09	-6.97	-110.30	-25.70	-91.57	-39.81
		103	3.61	-7.87	-40.32	-8.14	-40.04	2.99	-24.60	-128.96	-24.91	-128.65	-5.66
		112	4.74	-8.69	-44.24	-9.02	-43.90	3.45	-38.35	-198.80	-38.70	-198.45	-7.45
32	32	111	2.89	-9.53	-31.67	-9.63	-31.57	1.44	-10.39	-116.50	-26.35	-100.54	-37.93
		102	2.23	-6.15	-30.97	-7.81	-29.32	6.19	-5.07	-81.07	-18.98	-67.17	-29.38
		103	2.69	-5.95	-30.53	-6.16	-30.31	2.29	-17.99	-94.40	-18.22	-94.17	-4.18
		112	3.53	-6.56	-33.55	-6.84	-33.27	2.71	-28.15	-146.02	-28.41	-145.76	-5.53
32	37	111	2.60	-8.70	-30.00	-8.80	-29.90	1.47	-8.75	-100.83	-22.93	-86.65	-33.23
		102	2.02	-5.50	-29.34	-7.12	-27.72	6.00	-4.24	-69.75	-16.50	-57.49	-25.55
		103	2.41	-5.57	-28.73	-5.78	-28.52	2.19	-15.29	-80.44	-15.50	-80.24	-3.63
		112	3.16	-6.12	-31.67	-6.43	-31.35	2.83	-24.16	-125.49	-24.39	-125.26	-4.85
33	8	114	6.35	45.53	-9.70	45.01	-9.18	5.37	285.28	-89.28	-18.51	214.50	146.63
		105	4.43	36.32	-8.83	35.53	-8.04	5.93	179.06	-74.03	-25.48	130.51	99.65
		104	5.85	22.85	-10.15	17.63	-4.93	12.04	287.95	-116.91	-43.15	214.19	156.28
		113	7.63	29.01	-10.96	23.26	-5.21	14.04	402.88	-130.43	-43.29	315.73	197.18
33	32	114	4.67	33.45	-7.33	33.06	-6.94	3.96	208.57	-67.98	-14.18	154.77	109.47
		105	3.22	26.45	-6.66	25.84	-6.05	4.43	128.99	-56.76	-19.36	91.60	74.48
		104	4.34	16.72	-7.82	12.65	-3.75	9.12	210.42	-88.33	-32.53	154.63	116.43
		113	5.66	21.34	-8.37	16.97	-3.99	10.53	296.47	-98.25	-32.54	230.76	147.03
33	37	114	4.03	28.60	-6.71	28.27	-6.38	3.40	177.99	-62.97	-13.07	128.09	97.64
		105	2.70	22.07	-6.06	21.50	-5.50	3.96	106.86	-53.24	-17.51	71.13	66.66
		104	3.83	14.18	-7.54	10.11	-3.47	8.47	179.29	-80.69	-29.25	127.84	103.57
		113	4.97	18.29	-7.85	14.24	-3.81	9.46	256.39	-89.22	-29.20	196.37	130.92
34	8	113	6.88	27.45	-12.81	22.26	-7.62	13.49	375.45	-103.67	-46.08	317.85	155.82

		104	5.16	22.16	-12.74	16.89	-7.46	12.50	265.50	-95.87	-44.63	214.26	126.06
		106	4.83	14.46	-20.05	0.24	-5.83	16.99	246.25	-69.60	-56.43	233.07	63.16
		115	6.00	12.49	-17.28	1.01	-5.81	14.49	346.46	-72.61	-63.39	337.24	61.47
34	32	113	5.06	20.16	-9.80	16.21	-5.85	10.14	275.76	-78.03	-34.62	232.34	116.09
		104	3.81	16.19	-9.80	12.09	-5.71	9.47	193.40	-72.33	-33.65	154.72	93.71
		106	3.57	10.74	-15.42	-0.17	-4.52	12.89	179.87	-52.36	-42.56	170.07	46.67
		115	4.43	9.21	-13.25	0.47	-4.52	10.95	254.63	-54.43	-47.51	247.71	45.71
34	37	113	4.37	17.20	-9.33	13.53	-5.66	9.16	237.44	-70.69	-31.02	197.76	103.20
		104	3.34	13.64	-9.50	9.58	-5.44	8.80	163.50	-65.76	-30.26	127.99	82.95
		106	3.13	9.46	-14.88	-0.98	-4.44	12.05	152.73	-47.21	-38.51	144.03	40.78
		115	3.86	7.90	-12.66	-0.23	-4.52	10.05	219.36	-48.79	-42.51	213.08	40.56
35	8	115	5.97	11.05	-18.96	0.65	-8.56	14.28	343.34	-70.69	-60.83	333.48	63.12
		106	4.68	13.31	-22.10	0.08	-8.87	17.13	243.28	-67.85	-54.22	229.66	63.66
		107	3.96	6.92	-28.19	-10.64	-10.62	17.55	194.06	-53.99	-53.84	193.91	-6.15
		116	5.11	-1.24	-23.13	-12.86	-11.52	10.92	278.28	-61.53	-59.58	276.32	-25.70
35	32	115	4.40	8.11	-14.55	0.19	-6.63	10.80	252.32	-53.00	-45.62	244.94	46.90
		106	3.46	9.84	-16.98	-0.29	-6.85	13.00	177.69	-51.06	-40.95	167.58	47.02
		107	2.94	5.18	-21.51	-8.16	-8.18	13.35	142.41	-40.81	-40.68	142.29	-4.79
		116	3.79	-0.99	-17.67	-9.79	-8.86	8.33	204.93	-46.16	-44.69	203.46	-19.16
35	37	115	3.82	6.84	-13.96	-0.51	-6.62	9.94	217.34	-47.53	-40.85	210.66	41.52
		106	3.03	8.56	-16.42	-1.12	-6.75	12.17	150.87	-46.08	-37.13	141.92	41.02
		107	2.61	4.67	-20.45	-7.80	-7.99	12.56	122.19	-37.18	-37.04	122.06	-4.62
		116	3.34	-1.08	-16.75	-9.17	-8.66	7.83	177.28	-41.43	-40.11	175.96	-16.94
36	8	116	5.19	-2.72	-24.54	-12.82	-14.45	10.88	276.07	-60.63	-59.24	274.67	-21.61
		107	4.06	5.48	-29.82	-10.53	-13.81	17.58	192.57	-53.51	-53.45	192.51	-3.65
		108	3.88	-1.46	-31.81	-15.31	-17.96	15.12	139.66	-64.15	-46.79	122.30	-56.90
		117	4.47	-12.49	-26.38	-18.12	-20.75	6.82	198.52	-77.84	-50.46	171.14	-82.57
36	32	116	3.85	-2.11	-18.76	-9.76	-11.11	8.29	203.29	-45.50	-44.45	202.24	-16.14
		107	3.02	4.08	-22.78	-8.07	-10.63	13.37	141.30	-40.44	-40.40	141.26	-2.94
		108	2.91	-1.06	-24.21	-11.54	-13.72	11.52	102.99	-48.26	-35.31	90.04	-42.31
		117	3.33	-9.36	-20.12	-13.64	-15.83	5.27	146.62	-58.26	-37.85	126.20	-61.37
36	37	116	3.41	-2.17	-17.88	-9.17	-10.88	7.81	175.86	-40.85	-39.90	174.91	-14.30
		107	2.69	3.58	-21.73	-7.74	-10.40	12.58	121.22	-36.85	-36.80	121.17	-2.99
		108	2.63	-0.87	-22.91	-10.59	-13.18	10.94	89.37	-43.63	-32.12	77.86	-37.39
		117	2.99	-8.47	-19.11	-12.44	-15.14	5.15	127.67	-52.11	-33.98	109.54	-54.13
37	8	117	4.55	-13.46	-28.18	-18.09	-23.55	6.83	197.04	-77.53	-52.26	171.77	-79.37
		108	3.96	-2.77	-33.52	-15.20	-21.09	15.09	138.74	-64.09	-48.02	122.68	-54.78
		109	3.59	-8.22	-33.63	-15.96	-25.88	11.69	87.84	-92.78	-39.77	34.83	-82.25
		118	3.77	-17.17	-31.53	-18.30	-30.40	3.86	118.31	-115.14	-44.01	47.19	-107.45
37	32	117	3.40	-10.09	-21.51	-13.63	-17.98	5.28	145.51	-58.03	-39.18	126.67	-58.99
		108	2.97	-2.06	-25.53	-11.46	-16.12	11.50	102.29	-48.20	-36.22	90.31	-40.73
		109	2.70	-6.09	-25.58	-11.98	-19.69	8.95	64.98	-69.10	-29.87	25.76	-61.00
		118	2.83	-12.82	-24.01	-13.73	-23.10	3.05	87.66	-85.70	-32.90	34.86	-79.78
37	37	117	3.05	-9.17	-20.55	-12.46	-17.27	5.16	126.69	-51.89	-35.16	109.95	-52.04
		108	2.70	-1.84	-24.26	-10.54	-15.56	10.92	88.74	-43.56	-32.91	78.09	-36.00
		109	2.46	-5.32	-24.25	-10.85	-18.72	8.61	56.84	-61.23	-26.92	22.54	-53.61
		118	2.56	-11.47	-22.82	-12.43	-21.86	3.16	76.90	-75.82	-29.36	30.44	-70.26
38	8	118	3.84	-17.54	-33.92	-18.47	-32.99	3.79	117.42	-115.24	-46.90	49.08	-105.97
		109	3.65	-9.17	-35.69	-16.00	-28.86	11.59	87.18	-92.88	-41.87	36.18	-81.13
		110	2.91	-11.43	-36.26	-14.67	-33.02	8.38	35.78	-126.38	-35.06	-55.54	-80.43
		119	3.66	-16.30	-38.73	-16.48	-38.55	2.00	42.30	-164.07	-42.58	-79.19	-101.55
38	32	118	2.88	-13.12	-25.85	-13.87	-25.10	3.00	86.99	-85.77	-35.04	36.26	-78.68
		109	2.74	-6.82	-27.17	-12.01	-21.98	8.87	64.49	-69.17	-31.43	26.74	-60.17
		110	2.18	-8.49	-27.57	-11.00	-25.06	6.45	26.58	-93.52	-26.13	-40.81	-59.60
		119	2.72	-12.20	-29.40	-12.36	-29.24	1.65	31.54	-121.55	-31.64	-58.37	-75.37
38	37	118	2.61	-11.78	-24.64	-12.58	-23.85	3.10	76.30	-75.88	-31.24	31.66	-69.29
		109	2.50	-6.04	-25.86	-10.91	-20.99	8.53	56.39	-61.29	-28.28	23.38	-52.87
		110	2.00	-7.49	-26.15	-9.94	-23.70	6.31	23.50	-81.72	-23.17	-35.05	-52.88
		119	2.42	-10.99	-27.75	-11.20	-27.54	1.87	28.08	-106.48	-27.90	-50.50	-66.32
39	8	119	3.74	-16.75	-41.11	-16.87	-40.99	1.68	41.65	-164.36	-45.35	-77.35	-101.75
		110	2.94	-12.06	-38.67	-14.91	-35.82	8.24	35.15	-126.50	-37.14	-54.21	-80.37
		111	3.69	-11.41	-39.92	-12.47	-38.86	5.40	-11.83	-159.54	-34.13	-137.24	-52.88
		120	4.93	-13.94	-44.82	-13.95	-44.80	0.70	-21.31	-220.81	-46.52	-195.59	-66.29
39	32	119	2.78	-12.55	-31.23	-12.65	-31.13	1.40	31.05	-121.76	-33.70	-57.01	-75.51
		110	2.21	-8.98	-29.42	-11.18	-27.22	6.34	26.11	-93.61	-27.67	-39.84	-59.55
		111	2.75	-8.52	-30.31	-9.36	-29.47	4.19	-8.59	-117.56	-25.21	-100.94	-39.17
		120	3.67	-10.47	-33.98	-10.49	-33.96	0.66	-15.56	-163.01	-34.38	-144.20	-49.20
39	37	119	2.49	-11.35	-29.57	-11.49	-29.43	1.62	27.64	-106.67	-29.70	-49.32	-66.44
		110	2.03	-7.98	-28.01	-10.14	-25.85	6.21	23.08	-81.81	-24.51	-34.21	-52.22
		111	2.46	-7.66	-28.68	-8.54	-27.80	4.21	-7.16	-101.76	-21.93	-86.99	-34.34
		120	3.28	-9.55	-31.96	-9.59	-31.93	0.94	-13.17	-141.72	-29.94	-124.95	-43.29
40	8	120	5.03	-14.50	-47.17	-14.52	-47.15	-0.83	-24.09	-219.00	-48.54	-194.55	-64.55
		111	3.76	-11.67	-42.73	-12.93	-41.47	6.13	-14.22	-157.93	-35.67	-136.47	-51.22
		112	4.74	-8.90	-43.89	-8.95	-43.84	1.31	-38.30	-198.53	-38.64	-198.19	-7.44
		121	6.26	-10.15	-49.86	-10.18	-49.83	1.08	-56.27	-289.35	-56.65	-288.96	-9.47
40	32	120	3.75	-10.91	-35.78	-10.92	-35.77	-0.52	-17.63	-161.67	-35.87	-143.43	-47.90
		111	2.81	-8.72	-32.48	-9.71	-31.48	4.76	-10.37	-116.37	-26.35	-100.38	-37.94

		112	3.53	-6.74	-33.27	-6.78	-33.23	1.06	-28.11	-145.83	-28.37	-145.57	-5.52
		121	4.66	-7.68	-37.78	-7.71	-37.75	0.96	-41.44	-213.15	-41.72	-212.86	-7.03
40	37	120	3.37	-10.00	-33.76	-10.01	-33.76	-0.22	-15.01	-140.53	-31.25	-124.29	-42.13
		111	2.53	-7.84	-30.86	-8.88	-29.82	4.79	-8.73	-100.71	-22.93	-86.51	-33.24
		112	3.16	-6.32	-31.36	-6.38	-31.31	1.18	-24.12	-125.33	-24.36	-125.10	-4.84
		121	4.16	-7.18	-35.54	-7.25	-35.47	1.32	-35.82	-184.42	-36.08	-184.16	-6.20
41	8	123	9.03	59.22	-9.30	57.89	-7.97	9.46	463.71	-86.25	1.80	375.66	201.67
		114	6.06	45.96	-9.87	44.46	-8.37	9.03	280.19	-86.49	-18.15	211.85	142.79
		113	7.82	30.03	-12.10	22.77	-4.85	15.91	403.84	-132.12	-43.42	315.14	199.18
		122	10.59	34.75	-11.65	25.63	-2.53	18.44	584.68	-136.45	-31.92	480.15	253.87
41	32	123	6.67	43.80	-7.02	42.81	-6.04	6.99	341.54	-65.50	0.91	275.14	150.40
		114	4.45	33.77	-7.46	32.64	-6.33	6.74	204.68	-65.85	-13.92	152.75	106.54
		113	5.80	22.15	-9.27	16.59	-3.71	11.99	297.22	-99.55	-32.65	230.32	148.55
		122	7.86	25.71	-8.87	18.83	-1.99	13.80	431.98	-102.59	-24.05	353.44	189.26
41	37	123	5.81	38.12	-6.45	37.28	-5.60	6.08	295.73	-60.46	0.10	235.16	133.81
		114	3.81	28.90	-6.85	27.87	-5.81	5.99	174.30	-60.96	-12.85	126.19	94.89
		113	5.13	19.18	-8.82	13.86	-3.50	10.99	257.11	-90.46	-29.32	195.97	132.34
		122	6.91	22.36	-8.27	16.12	-2.03	12.34	376.66	-92.90	-21.74	305.50	168.37
42	8	122	9.41	32.34	-13.21	24.08	-4.95	17.55	549.70	-100.86	-35.67	484.51	195.34
		113	6.86	29.09	-14.31	21.97	-7.19	16.07	373.41	-103.85	-46.13	315.69	155.61
		115	6.14	15.04	-19.62	0.72	-5.30	17.06	345.97	-72.86	-63.43	336.53	62.14
		124	8.04	8.36	-17.10	-4.26	-4.47	12.73	487.96	-64.27	-58.24	481.93	57.37
42	32	122	6.97	23.90	-10.09	17.66	-3.85	13.15	405.66	-75.81	-26.82	356.67	145.56
		113	5.08	21.43	-10.97	15.98	-5.52	12.12	274.23	-78.17	-34.67	230.72	115.92
		115	4.54	11.17	-15.05	0.24	-4.12	12.93	254.28	-54.62	-47.54	247.20	46.21
		124	5.94	6.15	-13.08	-3.42	-3.52	9.62	360.02	-48.10	-43.55	355.48	42.82
42	37	122	6.11	20.70	-9.56	15.04	-3.89	11.81	352.76	-68.60	-24.16	308.32	129.43
		113	4.46	18.48	-10.52	13.29	-5.33	11.12	236.04	-70.82	-31.08	196.30	103.03
		115	3.97	9.86	-14.46	-0.48	-4.13	12.02	219.07	-48.98	-42.55	212.64	40.99
		124	5.18	5.21	-12.41	-3.56	-3.64	8.81	312.87	-43.05	-38.87	308.69	38.35
43	8	124	7.87	6.19	-18.27	-4.55	-7.53	12.14	484.54	-61.51	-54.81	477.84	60.12
		115	5.96	13.64	-21.35	0.42	-8.12	16.97	342.11	-71.04	-61.08	332.15	63.38
		116	5.15	1.50	-25.64	-13.25	-10.89	13.52	278.21	-61.78	-59.87	276.30	-25.42
		125	6.56	-12.46	-20.83	-18.54	-14.74	3.73	384.23	-59.17	-52.59	377.66	-53.59
43	32	124	5.82	4.50	-13.99	-3.64	-5.85	9.18	357.49	-46.04	-41.00	352.44	44.83
		115	4.41	10.10	-16.39	8.24e-03	-6.30	12.86	251.41	-53.26	-45.81	243.96	47.08
		116	3.82	1.11	-19.59	-10.09	-8.38	10.32	204.89	-46.35	-44.91	203.45	-18.95
		125	4.86	-9.41	-15.87	-14.01	-11.27	2.93	283.70	-44.22	-39.33	278.81	-39.75
43	37	124	5.09	3.64	-13.36	-3.79	-5.93	8.44	310.63	-41.23	-36.61	306.01	40.05
		115	3.85	8.80	-15.80	-0.71	-6.29	11.98	216.55	-47.77	-41.03	209.80	41.67
		116	3.37	1.00	-18.67	-9.47	-8.20	9.81	177.26	-41.60	-40.31	175.98	-16.75
		125	4.28	-8.72	-14.98	-12.86	-10.83	2.96	246.92	-39.41	-35.11	242.62	-34.81
44	8	125	6.64	-14.41	-21.70	-18.36	-17.75	3.63	381.07	-57.46	-52.28	375.89	-47.39
		116	5.23	-0.05	-27.08	-13.16	-13.96	13.51	275.81	-61.04	-59.66	274.43	-21.50
		117	4.58	-10.03	-28.66	-18.54	-20.15	9.28	198.80	-78.16	-50.77	171.41	-82.68
		126	5.40	-20.82	-28.37	-21.15	-28.04	-1.55	267.19	-86.45	-43.87	224.61	-115.08
44	32	125	4.93	-10.86	-16.59	-13.88	-13.57	2.86	281.36	-42.95	-39.09	277.50	-35.16
		116	3.88	-0.07	-20.70	-10.03	-10.74	10.31	203.11	-45.80	-44.76	202.07	-16.06
		117	3.42	-7.47	-21.87	-13.96	-15.38	7.16	146.83	-58.50	-38.08	126.41	-61.45
		126	4.02	-15.72	-21.46	-15.90	-21.29	-0.99	197.61	-64.49	-32.79	165.91	-85.47
44	37	125	4.35	-10.02	-15.84	-12.77	-13.09	2.91	244.86	-38.29	-34.90	241.47	-30.80
		116	3.44	-0.15	-19.81	-9.43	-10.53	9.81	175.71	-41.12	-40.18	174.77	-14.22
		117	3.08	-6.62	-20.83	-12.76	-14.70	7.04	127.86	-52.30	-34.18	109.74	-54.19
		126	3.59	-14.39	-20.08	-14.43	-20.04	-0.47	172.62	-57.29	-29.24	144.57	-75.25
45	8	126	5.49	-20.99	-30.83	-21.22	-30.61	-1.47	265.22	-85.74	-46.55	226.02	-110.54
		117	4.66	-11.20	-30.42	-18.46	-23.15	9.32	197.29	-77.92	-52.61	171.99	-79.52
		118	3.94	-15.85	-32.72	-18.63	-29.94	6.26	118.63	-115.45	-44.20	47.39	-107.71
		127	4.25	-18.78	-40.02	-19.18	-39.61	-2.90	152.42	-138.36	-42.81	56.87	-136.58
45	32	126	4.09	-15.84	-23.38	-15.96	-23.26	-0.94	196.14	-63.97	-34.78	166.95	-82.10
		117	3.48	-8.36	-23.23	-13.91	-17.68	7.19	145.70	-58.31	-39.44	126.83	-59.10
		118	2.95	-11.80	-24.94	-13.99	-22.75	4.90	87.89	-85.93	-33.04	35.01	-79.97
		127	3.18	-14.15	-30.25	-14.40	-30.00	-2.00	113.02	-102.88	-31.89	42.03	-101.43
45	37	126	3.66	-14.48	-22.03	-14.51	-22.00	-0.43	171.32	-56.82	-30.99	145.49	-72.29
		117	3.14	-7.48	-22.23	-12.73	-16.98	7.06	126.86	-52.13	-35.38	110.11	-52.13
		118	2.69	-10.42	-23.78	-12.68	-21.51	5.01	77.11	-76.01	-29.47	30.57	-70.43
		127	2.88	-12.92	-28.18	-13.04	-28.06	-1.36	99.32	-90.82	-28.24	36.74	-89.35
46	8	127	4.33	-19.15	-42.31	-19.54	-41.92	-2.99	151.50	-138.37	-46.74	59.86	-134.78
		118	4.00	-16.40	-35.10	-18.76	-32.74	6.21	117.74	-115.55	-47.10	49.29	-106.23
		119	3.51	-15.85	-39.08	-16.70	-38.23	4.36	42.49	-164.25	-42.64	-79.12	-101.75
		128	4.96	-16.36	-48.34	-16.55	-48.15	-2.47	48.55	-208.74	-49.49	-110.70	-124.96
46	32	127	3.24	-14.42	-32.03	-14.67	-31.78	-2.07	112.34	-102.89	-34.80	44.25	-100.09
		118	3.00	-12.23	-26.77	-14.09	-24.91	4.86	87.23	-86.00	-35.19	36.41	-78.87
		119	2.61	-11.83	-29.70	-12.53	-29.00	3.46	31.68	-121.68	-31.69	-58.32	-75.52
		128	3.69	-12.31	-36.55	-12.43	-36.44	-1.68	36.25	-154.72	-36.71	-81.76	-92.79
46	37	127	2.93	-13.19	-29.98	-13.31	-29.85	-1.43	98.71	-90.83	-30.81	38.69	-88.17
		118	2.74	-10.87	-25.60	-12.80	-23.67	4.97	76.51	-76.07	-31.36	31.79	-69.45
		119	2.32	-10.56	-28.11	-11.37	-27.30	3.69	28.20	-106.60	-27.93	-50.46	-66.45

		128	3.28	-11.24	-34.07	-11.29	-34.02	-1.09	32.37	-135.67	-32.22	-71.09	-81.74
47	8	128	5.04	-16.84	-50.61	-17.08	-50.37	-2.86	48.05	-209.17	-53.08	-108.03	-125.64
		119	3.59	-16.32	-41.60	-17.05	-40.87	4.23	41.84	-164.52	-45.42	-77.26	-101.95
		120	4.86	-13.83	-44.86	-14.07	-44.62	2.71	-21.23	-220.76	-46.49	-195.50	-66.36
		129	6.50	-14.25	-54.12	-14.35	-54.02	-1.96	-33.68	-297.02	-61.77	-268.94	-81.29
47	32	128	3.75	-12.68	-38.31	-12.83	-38.15	-1.98	35.88	-155.03	-39.37	-79.78	-93.29
		119	2.67	-12.20	-31.63	-12.80	-31.03	3.37	31.20	-121.88	-33.75	-56.94	-75.66
		120	3.62	-10.37	-34.03	-10.58	-33.82	2.21	-15.50	-162.98	-34.35	-144.13	-49.25
		129	4.84	-10.74	-40.94	-10.80	-40.88	-1.32	-24.71	-219.58	-45.67	-198.62	-60.37
47	37	128	3.34	-11.60	-35.84	-11.68	-35.76	-1.38	32.03	-135.95	-34.56	-69.35	-82.17
		119	2.38	-10.93	-30.04	-11.63	-29.34	3.59	27.77	-106.77	-29.74	-49.26	-66.56
		120	3.23	-9.40	-32.06	-9.68	-31.79	2.49	-13.12	-141.69	-29.92	-124.89	-43.33
		129	4.32	-9.89	-38.20	-9.91	-38.18	-0.79	-21.17	-191.48	-39.82	-172.82	-53.19
48	8	129	6.59	-14.72	-56.53	-15.02	-56.22	-3.53	-36.76	-295.12	-64.22	-267.66	-79.63
		120	4.91	-14.28	-47.44	-14.63	-47.09	3.41	-24.00	-218.92	-48.50	-194.42	-64.62
		121	6.26	-10.09	-49.84	-10.12	-49.82	-1.04	-56.20	-289.03	-56.58	-288.65	-9.46
		130	8.25	-11.75	-58.38	-11.78	-58.35	-1.14	-79.21	-404.70	-79.64	-404.26	-11.90
48	32	129	4.91	-11.11	-42.78	-11.31	-42.58	-2.52	-27.00	-218.16	-47.49	-197.68	-59.13
		120	3.66	-10.71	-36.02	-11.01	-35.72	2.75	-17.56	-161.61	-35.84	-143.34	-47.95
		121	4.66	-7.65	-37.76	-7.67	-37.74	-0.66	-41.38	-212.92	-41.67	-212.63	-7.03
		130	6.14	-8.90	-44.17	-8.92	-44.15	-0.68	-58.46	-298.77	-58.79	-298.44	-8.85
48	37	129	4.40	-10.26	-40.04	-10.39	-39.90	-1.97	-23.19	-190.22	-41.42	-171.99	-52.08
		120	3.28	-9.71	-34.09	-10.09	-33.70	3.04	-14.95	-140.48	-31.22	-124.21	-42.17
		121	4.16	-7.19	-35.46	-7.20	-35.46	-0.30	-35.78	-184.22	-36.04	-183.96	-6.20
		130	5.47	-8.34	-41.27	-8.34	-41.27	-0.10	-50.81	-259.78	-51.10	-259.48	-7.81
49	8	132	13.15	79.42	-7.06	76.27	-3.91	16.20	749.06	-69.36	35.42	644.29	273.44
		123	8.65	59.83	-9.48	57.29	-6.94	13.02	453.41	-83.63	2.69	367.09	197.25
		122	10.80	36.33	-13.46	25.60	-2.73	20.48	589.01	-137.61	-31.73	483.13	256.37
		131	14.88	37.27	-11.48	21.23	4.57	22.91	846.35	-132.17	-11.85	726.03	321.35
49	32	132	9.74	59.01	-5.32	56.67	-2.99	12.02	554.08	-52.64	25.93	475.51	203.70
		123	6.38	44.26	-7.16	42.36	-5.26	9.70	333.81	-63.51	1.57	268.74	147.04
		122	8.02	26.93	-10.27	18.79	-2.13	15.38	435.25	-103.48	-23.91	355.67	191.15
		131	11.04	27.68	-8.71	15.62	3.35	17.13	626.66	-99.21	-9.07	536.52	239.39
49	37	132	8.54	51.96	-4.89	49.94	-2.86	10.53	483.92	-48.67	22.15	413.10	180.84
		123	5.54	38.55	-6.58	36.84	-4.87	8.62	288.72	-58.59	0.69	229.44	130.67
		122	7.08	23.63	-9.70	16.04	-2.10	13.98	379.65	-93.75	-21.62	307.52	170.13
		131	9.72	24.29	-8.07	13.46	2.76	15.27	548.82	-89.65	-8.52	467.69	212.64
50	8	131	13.59	31.96	-12.70	18.24	1.02	20.61	815.99	-87.03	-15.71	744.67	243.55
		122	9.52	35.04	-14.74	24.33	-4.03	20.46	542.45	-101.17	-36.18	477.46	193.92
		124	8.19	11.22	-19.73	-4.52	-3.99	15.47	490.30	-64.05	-57.49	483.73	59.97
		133	10.93	-3.24	-19.50	-18.33	-4.40	4.20	682.12	-44.40	-42.30	680.02	39.00
50	32	131	10.07	23.68	-9.67	13.37	0.64	15.41	603.81	-65.36	-11.91	550.36	181.41
		122	7.06	25.96	-11.28	17.83	-3.15	15.38	400.26	-76.04	-27.20	351.42	144.49
		124	6.06	8.34	-15.10	-3.62	-3.14	11.72	361.78	-47.94	-42.99	356.83	44.76
		133	8.09	-2.53	-14.79	-13.88	-3.44	3.21	504.45	-33.22	-31.62	502.85	29.28
50	37	131	8.84	20.66	-9.10	11.41	0.15	13.77	528.07	-59.15	-10.98	479.91	161.14
		122	6.20	22.70	-10.77	15.15	-3.23	13.99	347.98	-68.80	-24.50	303.68	128.45
		124	5.30	7.37	-14.42	-3.78	-3.27	10.89	314.44	-42.91	-38.36	309.90	40.06
		133	7.07	-2.65	-13.67	-12.77	-3.56	3.02	440.64	-29.79	-28.28	439.13	26.60
51	8	133	10.57	-8.33	-18.66	-17.90	-9.09	2.69	680.05	-37.14	-34.23	677.14	45.58
		124	7.95	9.74	-20.76	-4.69	-6.33	15.23	482.24	-62.71	-55.94	475.47	60.37
		125	6.57	-9.82	-23.34	-19.37	-13.78	6.15	385.61	-58.76	-52.42	379.27	-52.70
		134	8.49	-15.94	-35.82	-25.80	-25.96	-9.94	512.73	-44.55	-27.97	496.14	-94.69
51	32	133	7.82	-6.39	-14.17	-13.57	-6.99	2.08	502.93	-27.82	-25.62	500.73	34.14
		124	5.88	7.20	-15.90	-3.75	-4.95	11.54	355.78	-46.93	-41.84	350.68	45.01
		125	4.87	-7.38	-17.80	-14.64	-10.54	4.79	284.74	-43.92	-39.20	280.02	-39.09
		134	6.30	-12.21	-26.84	-19.40	-19.64	-7.31	379.25	-33.24	-20.94	366.94	-70.18
51	37	133	6.82	-6.27	-13.18	-12.52	-6.93	2.03	439.32	-25.02	-22.97	437.27	30.82
		124	5.13	6.25	-15.27	-3.93	-5.10	10.74	309.12	-42.02	-37.35	304.46	40.19
		125	4.29	-6.69	-16.90	-13.45	-10.14	4.83	247.84	-39.14	-35.00	243.70	-34.23
		134	5.55	-11.68	-24.21	-17.58	-18.30	-6.25	331.40	-29.55	-18.76	320.62	-61.46
52	8	134	8.58	-17.17	-37.31	-25.49	-28.98	-9.92	508.29	-40.68	-27.30	494.91	-84.65
		125	6.65	-11.48	-24.20	-18.95	-16.73	6.26	381.42	-58.11	-52.95	376.26	-47.33
		126	5.48	-21.72	-27.39	-21.81	-27.30	0.70	268.14	-86.42	-43.80	225.53	-115.29
		135	6.67	-16.03	-49.66	-21.60	-44.08	-12.51	340.75	-86.22	-22.80	277.34	-151.84
52	32	134	6.37	-13.14	-28.00	-19.18	-21.96	-7.30	375.96	-30.37	-20.44	366.03	-62.74
		125	4.93	-8.63	-18.50	-14.33	-12.80	4.87	281.62	-43.43	-39.60	277.78	-35.12
		126	4.08	-16.28	-20.85	-16.40	-20.72	0.74	198.32	-64.47	-32.74	166.59	-85.62
		135	4.97	-12.20	-37.29	-16.22	-33.27	-9.21	252.28	-64.20	-17.04	205.12	-112.71
52	37	134	5.62	-12.56	-25.42	-17.41	-20.57	-6.24	328.51	-27.00	-18.30	319.81	-54.93
		125	4.36	-7.87	-17.72	-13.20	-12.39	4.91	245.10	-38.72	-35.35	241.72	-30.76
		126	3.65	-14.58	-19.83	-14.91	-19.50	1.27	173.25	-57.27	-29.20	145.18	-75.38
		135	4.42	-11.46	-33.96	-14.66	-30.75	-7.86	220.91	-56.82	-15.18	179.27	-99.15
53	8	135	6.76	-16.78	-51.31	-22.05	-46.04	-12.41	338.65	-84.92	-26.83	280.56	-145.72
		126	5.57	-21.66	-30.14	-21.74	-30.05	0.86	265.97	-86.04	-46.72	226.65	-110.89
		127	4.40	-19.53	-39.22	-19.55	-39.20	-0.62	152.98	-138.63	-42.78	57.13	-136.98
		136	5.40	-14.49	-57.85	-16.83	-55.51	-9.80	185.14	-158.21	-34.11	61.04	-164.95

53	32	135	5.03	-12.77	-38.58	-16.56	-34.79	-9.13	250.72	-63.24	-20.02	207.51	-108.17
		126	4.15	-16.24	-22.95	-16.36	-22.84	0.85	196.71	-64.19	-34.91	167.43	-82.35
		127	3.30	-14.68	-29.69	-14.68	-29.69	-0.25	113.44	-103.08	-31.87	42.22	-101.73
53	37	136	4.01	-10.97	-43.55	-12.64	-41.89	-7.17	137.35	-117.55	-25.34	45.14	-122.48
		135	4.49	-12.00	-35.31	-14.99	-32.31	-7.80	219.53	-55.96	-17.81	181.38	-95.16
		126	3.72	-14.62	-21.88	-14.89	-21.61	1.37	171.83	-57.02	-31.10	145.91	-72.52
54	8	127	2.99	-13.30	-27.77	-13.31	-27.75	0.41	99.69	-90.99	-28.22	36.92	-89.61
		136	3.53	-10.18	-39.97	-11.44	-38.71	-6.00	120.83	-103.59	-22.32	39.55	-107.86
		136	5.39	-15.08	-59.80	-17.49	-57.39	-10.10	184.63	-157.99	-39.20	65.83	-163.06
54	32	127	4.48	-19.84	-41.73	-19.86	-41.71	-0.68	152.02	-138.72	-46.80	60.10	-135.19
		128	4.82	-16.75	-47.93	-16.75	-47.93	-0.16	48.79	-209.14	-49.53	-110.82	-125.28
		137	6.48	-13.14	-63.25	-13.91	-62.48	-6.17	51.92	-257.34	-55.17	-150.25	-147.14
54	37	136	4.00	-11.42	-45.07	-13.13	-43.35	-7.39	136.97	-117.39	-29.12	48.70	-121.08
		127	3.36	-14.91	-31.63	-14.92	-31.62	-0.29	112.72	-103.15	-34.85	44.42	-100.39
		128	3.59	-12.58	-36.27	-12.58	-36.27	0.10	36.43	-155.02	-36.73	-81.85	-93.03
54	37	137	4.83	-9.93	-47.70	-10.46	-47.17	-4.45	38.78	-190.77	-40.87	-111.12	-109.27
		136	3.53	-10.61	-41.52	-11.91	-40.22	-6.21	120.49	-103.45	-25.65	42.69	-106.63
		127	3.05	-13.54	-29.71	-13.54	-29.70	0.37	99.05	-91.05	-30.84	38.85	-88.43
55	8	128	3.18	-11.42	-33.87	-11.45	-33.85	0.70	32.52	-135.93	-32.24	-71.16	-81.95
		137	4.30	-9.17	-44.03	-9.54	-43.66	-3.56	34.66	-167.34	-35.79	-96.90	-96.27
		137	6.56	-13.67	-65.41	-14.57	-64.50	-6.79	51.88	-257.85	-59.64	-146.33	-148.68
55	32	128	4.89	-17.25	-50.35	-17.26	-50.34	-0.36	48.26	-209.59	-53.15	-108.19	-125.95
		129	6.43	-14.45	-53.93	-14.45	-53.93	0.04	-33.62	-297.20	-61.75	-269.07	-81.39
		138	8.42	-12.92	-66.88	-13.15	-66.64	-3.54	-49.86	-388.28	-80.38	-357.75	-96.95
55	37	137	4.89	-10.33	-49.36	-10.96	-48.73	-4.92	38.76	-191.15	-44.19	-108.20	-110.41
		128	3.64	-12.97	-38.13	-12.97	-38.13	-0.06	36.03	-155.35	-39.42	-79.90	-93.52
		129	4.79	-10.88	-40.80	-10.88	-40.80	0.22	-24.66	-219.71	-45.65	-198.72	-60.44
55	37	138	6.27	-9.77	-50.49	-9.92	-50.33	-2.49	-36.71	-287.31	-59.47	-264.55	-72.00
		137	4.36	-9.57	-45.71	-10.01	-45.26	-3.99	34.63	-167.68	-38.71	-94.34	-97.26
		128	3.24	-11.80	-35.75	-11.81	-35.74	0.56	32.17	-136.22	-34.60	-69.45	-82.37
56	8	129	4.27	-9.97	-38.12	-9.99	-38.10	0.76	-21.12	-191.60	-39.81	-172.91	-53.25
		138	5.59	-9.06	-46.78	-9.15	-46.69	-1.81	-31.72	-251.07	-51.94	-230.85	-63.46
		138	8.52	-13.38	-69.24	-13.87	-68.74	-5.23	-53.03	-386.68	-83.24	-356.48	-95.74
56	32	129	6.47	-15.12	-56.26	-15.13	-56.25	0.65	-36.69	-295.30	-64.18	-267.80	-79.72
		130	8.25	-11.51	-58.63	-11.73	-58.41	-3.22	-79.11	-404.27	-79.54	-403.83	-11.85
		139	10.74	-13.69	-69.24	-13.77	-69.16	-2.10	-108.15	-549.43	-108.67	-548.91	-15.12
56	37	138	6.35	-10.12	-52.30	-10.46	-51.96	-3.78	-39.07	-286.12	-61.59	-263.61	-71.10
		129	4.82	-11.38	-42.61	-11.39	-42.60	0.69	-26.95	-218.29	-47.46	-197.78	-59.19
		130	6.14	-8.73	-44.35	-8.88	-44.20	-2.28	-58.39	-298.45	-58.71	-298.13	-8.81
56	37	139	7.99	-10.36	-52.31	-10.41	-52.26	-1.39	-79.95	-406.23	-80.34	-405.85	-11.24
		138	5.67	-9.42	-48.59	-9.66	-48.34	-3.07	-33.81	-250.01	-53.80	-230.02	-62.63
		129	4.31	-10.42	-39.97	-10.47	-39.92	1.25	-23.15	-190.33	-41.40	-172.08	-52.13
57	8	130	5.47	-8.21	-41.40	-8.30	-41.31	-1.69	-50.75	-259.51	-51.04	-259.22	-7.78
		139	7.11	-9.68	-48.60	-9.69	-48.59	-0.70	-69.74	-354.43	-70.09	-354.09	-9.92
		141	20.57	112.07	-3.25	104.32	4.50	28.88	1255.26	-61.79	70.42	1123.05	395.79
57	32	132	11.79	80.36	-4.17	75.60	0.60	19.50	686.80	-63.21	40.63	582.95	259.04
		131	15.60	39.72	-16.10	22.94	0.68	25.60	893.82	-134.55	-7.84	767.11	338.00
		140	20.78	33.79	-17.87	-6.27	22.19	21.56	1178.43	-126.64	-6.79	1058.57	376.91
57	37	141	15.27	83.53	-2.42	77.77	3.33	21.49	930.75	-46.69	51.99	832.07	294.47
		132	8.73	59.73	-3.15	56.16	0.41	14.53	507.74	-48.05	29.83	429.87	192.92
		131	11.58	29.54	-12.22	16.89	0.43	19.19	662.06	-100.97	-6.06	567.16	251.82
57	37	140	15.42	25.21	-13.48	-4.87	16.59	16.10	873.20	-94.93	-5.35	783.61	280.54
		141	13.44	74.10	-2.21	69.06	2.83	18.95	817.11	-42.97	45.10	729.03	260.76
		132	7.63	52.63	-2.95	49.45	0.23	12.90	442.85	-44.55	25.62	372.68	171.11
58	8	131	10.22	26.13	-11.39	14.55	0.19	17.33	580.33	-91.23	-5.83	494.93	223.74
		140	13.58	22.28	-12.25	-4.66	14.69	14.30	766.03	-85.66	-5.41	685.78	248.81
		140	20.06	10.76	-15.60	-10.77	5.92	10.20	1248.87	-57.57	16.00	1175.29	301.18
58	32	131	13.53	40.38	-13.72	20.14	6.53	26.18	777.12	-93.92	-26.91	710.11	232.11
		133	11.24	-2.38	-22.34	-20.36	-4.36	5.97	701.37	-37.17	-33.45	697.65	52.27
		142	14.55	-5.79	-54.27	-40.28	-19.78	-21.97	932.69	-22.75	-21.84	931.78	-29.53
58	37	140	14.88	7.92	-11.82	-8.25	4.35	7.60	925.55	-43.35	11.68	870.52	224.26
		131	10.04	30.05	-10.49	14.79	4.77	19.64	574.88	-70.45	-20.23	524.66	172.88
		133	8.32	-1.85	-16.96	-15.41	-3.40	4.59	518.79	-27.84	-25.02	515.97	39.16
58	37	142	10.78	-4.47	-40.67	-30.23	-14.90	-16.39	690.68	-17.12	-16.47	690.02	-21.56
		140	13.08	6.67	-10.87	-7.73	3.54	6.72	812.22	-39.59	9.78	762.84	199.05
		131	8.82	26.54	-10.02	12.64	3.88	17.75	502.43	-63.61	-18.34	457.16	153.55
59	8	133	7.28	-1.87	-15.79	-14.18	-3.48	4.45	453.37	-25.05	-22.42	450.74	35.36
		142	9.44	-4.42	-36.56	-27.23	-13.75	-14.58	605.12	-15.59	-15.05	604.59	-18.15
		142	14.75	-8.11	-59.88	-38.61	-29.38	-25.47	936.89	10.44	10.45	936.88	-2.96
59	32	133	10.82	-2.23	-21.13	-18.31	-5.05	6.73	675.32	-43.70	-41.00	672.62	43.99
		134	8.46	-17.31	-35.40	-28.14	-24.57	-8.87	518.41	-40.53	-24.59	502.47	-93.04
		143	11.52	-8.36	-76.17	-25.24	-59.29	-29.32	647.95	-17.23	19.79	610.92	-152.50
59	37	142	10.94	-6.25	-44.89	-29.00	-22.13	-19.01	693.87	7.57	7.57	693.86	-1.84
		133	8.01	-1.77	-16.08	-13.88	-3.97	5.16	499.41	-32.70	-30.65	497.36	32.95
		134	6.27	-13.29	-26.47	-21.16	-18.60	-6.46	383.48	-30.25	-18.42	371.65	-68.95
59	37	143	8.55	-6.42	-57.06	-18.94	-44.54	-21.84	479.81	-12.90	14.57	452.33	-113.05
		142	9.63	-6.13	-40.44	-26.17	-20.40	-16.91	608.05	6.26	6.26	608.05	-0.79

		133	7.00	-1.92	-15.10	-12.83	-4.20	4.98	436.19	-29.33	-27.42	434.28	29.77
		134	5.53	-12.88	-23.64	-19.19	-17.33	-5.30	335.14	-26.90	-16.54	324.78	-60.36
		143	7.56	-6.18	-51.40	-17.06	-40.52	-19.33	420.33	-11.53	12.59	396.21	-99.17
60	8	143	11.55	-10.10	-76.73	-26.58	-60.26	-28.74	643.70	-9.01	20.22	614.47	-135.00
		134	8.54	-18.96	-34.98	-26.50	-27.44	-7.99	510.30	-41.78	-28.06	496.57	-85.96
		135	6.72	-17.85	-48.11	-22.31	-43.64	-10.73	342.32	-84.89	-21.19	278.62	-152.17
		144	8.53	-8.39	-79.64	-15.41	-72.62	-21.24	406.20	-77.01	10.71	318.47	-186.27
60	32	143	8.58	-7.74	-57.52	-19.95	-45.31	-21.41	476.66	-6.78	14.90	454.97	-100.07
		134	6.34	-14.55	-26.19	-19.94	-20.79	-5.81	377.45	-31.19	-21.00	367.27	-63.71
		135	5.01	-13.59	-36.10	-16.76	-32.93	-7.83	253.45	-63.21	-15.84	206.07	-112.95
		144	6.35	-6.40	-59.75	-11.56	-54.59	-15.76	300.95	-57.29	7.91	235.75	-138.23
60	37	143	7.59	-7.44	-51.96	-17.99	-41.40	-18.93	417.55	-6.11	12.91	398.53	-87.74
		134	5.60	-14.06	-23.57	-18.12	-19.51	-4.70	329.83	-27.74	-18.81	320.90	-55.79
		135	4.46	-12.82	-32.77	-15.17	-30.42	-6.43	221.94	-55.95	-14.12	180.12	-99.36
		144	5.65	-6.07	-54.15	-10.43	-49.79	-13.80	263.94	-50.58	6.90	206.46	-121.55
61	8	144	8.60	-9.42	-80.90	-16.70	-73.62	-21.61	405.45	-75.07	5.39	325.00	-179.41
		135	6.82	-18.49	-49.77	-22.53	-45.72	-10.50	340.05	-84.76	-26.22	281.51	-146.43
		136	5.23	-15.57	-56.90	-17.04	-55.42	-7.66	185.77	-158.34	-33.78	61.21	-165.37
		145	6.59	-7.76	-80.05	-10.32	-77.50	-13.34	209.73	-171.41	-18.68	57.01	-186.77
61	32	144	6.41	-7.19	-60.74	-12.53	-55.39	-16.05	300.39	-55.84	3.96	240.59	-133.14
		135	5.08	-14.07	-37.41	-16.93	-34.55	-7.65	251.76	-63.12	-19.57	208.22	-108.70
		136	3.88	-11.79	-42.83	-12.80	-41.82	-5.51	137.82	-117.65	-25.10	45.28	-122.79
		145	4.90	-5.90	-60.18	-7.75	-58.33	-9.84	155.63	-127.28	-13.84	42.20	-138.65
61	37	144	5.71	-6.82	-55.21	-11.32	-50.70	-14.06	263.44	-49.30	3.43	210.72	-117.09
		135	4.54	-13.25	-34.17	-15.34	-32.08	-6.28	220.46	-55.86	-17.41	182.01	-95.63
		136	3.43	-10.93	-39.30	-11.60	-38.62	-4.32	121.24	-103.68	-22.11	39.67	-108.13
		145	4.34	-5.53	-54.92	-7.02	-53.43	-8.45	136.98	-112.03	-12.11	37.06	-122.05
62	8	145	6.60	-8.37	-81.96	-11.22	-79.11	-14.20	210.36	-170.56	-24.33	64.13	-185.25
		136	5.22	-16.15	-59.01	-17.67	-57.50	-7.91	185.20	-158.28	-39.12	66.03	-163.49
		137	6.36	-13.69	-62.78	-14.00	-62.47	-3.88	51.98	-258.18	-55.64	-150.56	-147.64
		146	8.02	-7.77	-80.67	-8.49	-79.95	-7.21	50.90	-303.53	-57.58	-195.05	-163.34
62	32	145	4.91	-6.36	-61.65	-8.43	-59.59	-10.49	156.10	-126.65	-18.03	47.48	-137.53
		136	3.87	-12.23	-44.47	-13.27	-43.43	-5.71	137.40	-117.60	-29.06	48.86	-121.40
		137	4.73	-10.34	-47.35	-10.53	-47.15	-2.68	38.83	-191.39	-41.22	-111.35	-109.64
		146	5.98	-5.89	-60.75	-6.40	-60.25	-5.24	38.03	-225.02	-42.63	-144.36	-121.29
62	37	145	4.35	-5.98	-56.42	-7.66	-54.75	-9.04	137.39	-111.47	-15.80	41.72	-121.06
		136	3.50	-11.35	-40.98	-12.05	-40.28	-4.50	120.86	-103.63	-25.59	42.82	-106.91
		137	4.20	-9.53	-43.72	-9.62	-43.63	-1.77	34.69	-167.89	-36.09	-97.11	-96.59
		146	5.33	-5.51	-55.79	-5.88	-55.42	-4.29	33.98	-197.40	-37.31	-126.12	-106.83
63	8	146	8.10	-8.16	-82.85	-9.08	-81.92	-8.25	51.85	-303.39	-62.65	-188.89	-166.03
		137	6.43	-14.29	-65.09	-14.66	-64.72	-4.29	51.76	-258.84	-60.23	-146.85	-149.14
		138	8.37	-13.19	-66.68	-13.24	-66.64	-1.52	-50.15	-389.11	-80.91	-358.35	-97.37
		147	10.55	-10.06	-81.34	-10.17	-81.23	-2.81	-69.19	-489.68	-101.09	-457.78	-111.34
63	32	146	6.04	-6.19	-62.43	-6.85	-61.78	-6.02	38.73	-224.91	-46.40	-139.78	-123.28
		137	4.79	-10.79	-49.13	-11.03	-48.90	-3.00	38.67	-191.88	-44.63	-108.59	-110.75
		138	6.23	-9.96	-50.34	-9.98	-50.32	-0.93	-36.93	-287.93	-59.86	-265.00	-72.32
		147	7.86	-7.62	-61.34	-7.69	-61.27	-1.94	-51.08	-362.57	-74.84	-338.81	-82.68
63	37	146	5.39	-5.81	-57.48	-6.30	-56.99	-5.01	34.60	-197.31	-40.62	-122.10	-108.57
		137	4.26	-9.97	-45.52	-10.09	-45.40	-2.06	34.55	-168.32	-39.09	-94.68	-97.55
		138	5.55	-9.21	-46.66	-9.22	-46.66	-0.24	-31.90	-251.62	-52.28	-231.25	-63.73
		147	7.00	-7.13	-56.61	-7.16	-56.57	-1.30	-44.39	-317.31	-65.47	-296.23	-72.85
64	8	147	10.64	-10.49	-83.57	-10.79	-83.27	-4.69	-72.18	-488.61	-104.64	-456.15	-111.63
		138	8.42	-13.94	-68.96	-13.96	-68.94	-1.09	-53.35	-387.95	-83.70	-357.60	-96.09
		139	10.74	-13.42	-69.58	-13.73	-69.27	-4.13	-107.92	-548.58	-108.43	-548.07	-14.95
		148	13.77	-15.87	-80.98	-15.88	-80.98	-0.56	-144.70	-730.64	-145.41	-729.93	-20.38
64	32	147	7.93	-7.96	-63.06	-8.17	-62.85	-3.37	-53.30	-361.77	-77.47	-337.61	-82.89
		138	6.27	-10.52	-52.11	-10.53	-52.10	-0.60	-39.31	-287.06	-61.93	-264.44	-71.35
		139	7.99	-10.17	-52.55	-10.38	-52.34	-2.94	-79.79	-405.61	-80.17	-405.23	-11.11
		148	10.24	-12.00	-61.14	-12.00	-61.13	-0.23	-107.09	-540.78	-107.62	-540.25	-15.14
64	37	147	7.07	-7.48	-58.32	-7.62	-58.18	-2.68	-46.36	-316.59	-67.78	-295.17	-73.00
		138	5.60	-9.73	-48.47	-9.73	-48.47	0.12	-34.02	-250.83	-54.10	-230.75	-62.85
		139	7.11	-9.53	-48.79	-9.66	-48.66	-2.25	-69.60	-353.89	-69.93	-353.55	-9.81
		148	9.10	-11.14	-56.64	-11.14	-56.63	0.36	-93.64	-472.92	-94.11	-472.45	-13.34
65	8	150	46.48	152.64	-39.61	142.13	-29.11	43.69	2816.68	-165.82	109.63	2541.22	863.52
		141	13.03	123.00	38.37	105.73	55.64	34.10	621.15	-47.47	56.83	516.85	242.61
		140	26.04	15.76	-27.59	-0.18	-11.65	20.91	1621.42	-137.63	61.11	1422.68	556.86
		149	28.16	58.94	-111.37	-109.47	57.05	-17.86	1375.14	-183.79	-163.30	1354.65	177.53
65	32	150	34.54	113.94	-29.58	106.16	-21.80	32.50	2091.22	-124.22	80.79	1886.21	641.98
		141	9.67	91.78	28.75	78.82	41.71	25.47	458.90	-36.04	41.93	380.93	180.31
		140	19.34	11.65	-20.75	-0.33	-8.77	15.64	1203.17	-103.16	45.28	1054.74	414.58
		149	20.91	44.21	-83.43	-82.00	42.79	-13.42	1017.83	-137.65	-122.38	1002.56	131.96
65	37	150	30.49	101.48	-26.42	94.69	-19.63	28.69	1842.08	-111.94	69.87	1660.27	567.63
		141	8.51	81.60	25.69	69.98	37.32	22.69	399.34	-33.63	36.28	329.43	159.32
		140	17.05	10.20	-18.88	-0.67	-8.00	14.07	1058.82	-93.09	39.57	926.16	367.71
		149	18.43	39.56	-74.77	-73.46	38.25	-12.15	891.05	-123.61	-109.95	877.39	116.92
66	8	149	32.93	12.01	-162.88	-99.21	-51.67	-84.15	2023.08	101.92	149.62	1975.38	298.93
		140	20.56	58.41	-21.28	-2.89	40.02	33.58	1082.41	-152.22	-103.96	1034.15	239.27

		142	15.85	1.29	-78.91	-58.66	-18.96	-34.84	1020.21	43.14	43.31	1020.03	13.07
		151	23.06	10.94	-156.16	-16.13	-129.10	-61.57	1180.38	-11.68	24.07	1144.63	-203.32
66	32	149	24.46	9.02	-122.03	-74.34	-38.67	-63.05	1500.71	75.10	110.77	1465.05	222.65
		140	15.26	43.65	-16.11	-2.35	29.89	25.15	801.55	-113.74	-77.63	765.44	178.17
		142	11.75	0.79	-59.08	-44.01	-14.28	-25.99	755.84	31.86	32.00	755.70	10.17
		151	17.14	8.16	-116.86	-12.08	-96.62	-46.05	874.83	-9.00	17.53	848.30	-150.81
66	37	149	21.59	7.99	-109.51	-66.67	-34.85	-56.56	1319.80	64.95	96.92	1287.82	197.74
		140	13.44	38.81	-14.88	-2.49	26.43	22.62	702.15	-101.81	-69.37	669.71	158.20
		142	10.30	0.13	-52.89	-39.60	-13.16	-22.97	662.89	27.67	27.83	662.74	10.01
		151	15.14	7.21	-104.78	-10.84	-86.72	-41.18	767.85	-8.51	14.79	744.55	-132.45
67	8	151	22.45	-1.51	-150.03	-31.62	-119.93	-59.71	1188.74	97.26	105.57	1180.43	-94.87
		142	14.53	-4.51	-59.26	-39.42	-24.35	-26.31	937.51	-7.03	-6.49	936.97	-22.55
		143	11.49	-9.81	-77.97	-27.28	-60.50	-29.76	651.85	2.44	38.63	615.66	-148.96
		152	15.98	0.58	-127.91	-7.39	-119.94	-31.00	750.69	3.24	61.57	692.36	-200.49
67	32	151	16.69	-1.19	-112.32	-23.70	-89.81	-44.66	881.03	72.09	78.22	874.90	-70.15
		142	10.77	-3.60	-44.37	-29.61	-18.37	-19.59	694.32	-5.45	-5.06	693.93	-16.42
		143	8.53	-7.56	-58.35	-20.47	-45.44	-22.12	482.71	1.73	28.58	455.86	-110.42
		152	11.88	0.39	-95.78	-5.54	-89.85	-23.14	556.23	2.34	45.63	512.94	-148.67
67	37	151	14.75	-1.24	-100.84	-21.28	-80.80	-39.93	773.31	63.30	68.60	768.01	-61.13
		142	9.47	-3.97	-39.79	-26.74	-17.01	-17.24	608.41	-5.29	-4.98	608.10	-13.68
		143	7.54	-7.39	-52.36	-18.46	-41.29	-19.37	422.89	1.41	24.97	399.33	-96.83
		152	10.52	0.24	-86.14	-4.98	-80.92	-20.58	487.95	1.99	40.04	449.90	-130.54
68	8	152	15.85	-2.23	-127.81	-11.27	-118.77	-32.45	749.89	17.56	66.61	700.84	-183.08
		143	11.62	-10.55	-76.80	-26.51	-60.84	-28.33	648.37	-8.40	22.66	617.30	-139.42
		144	8.62	-9.44	-79.41	-15.35	-73.51	-19.45	408.16	-74.99	14.97	318.20	-188.07
		153	10.87	-1.29	-109.74	-3.81	-107.23	-16.32	446.20	-69.93	36.81	339.46	-209.04
68	32	152	11.79	-1.73	-95.74	-8.45	-89.02	-24.22	555.62	12.99	49.39	519.22	-135.75
		143	8.63	-8.12	-57.52	-19.90	-45.74	-21.05	480.13	-6.34	16.71	457.07	-103.35
		144	6.42	-7.22	-59.55	-11.52	-55.25	-14.37	302.40	-55.79	11.07	235.54	-139.56
		153	8.10	-1.00	-82.29	-2.86	-80.44	-12.14	330.69	-51.97	27.31	251.41	-155.09
68	37	152	10.44	-1.71	-86.28	-7.62	-80.37	-21.55	487.39	11.41	43.39	455.40	-119.17
		143	7.64	-7.95	-51.80	-17.98	-41.77	-18.41	420.62	-5.74	14.49	400.39	-90.64
		144	5.72	-6.90	-53.87	-10.41	-50.35	-12.36	265.22	-49.25	9.69	206.28	-122.73
		153	7.21	-0.98	-74.42	-2.57	-72.83	-10.69	290.24	-45.77	24.04	220.43	-136.33
69	8	153	10.97	-2.21	-111.64	-5.26	-108.60	-18.01	448.83	-67.62	31.87	349.35	-203.67
		144	8.71	-10.30	-80.68	-16.43	-74.54	-19.86	407.90	-74.78	7.68	325.43	-181.67
		145	6.47	-8.38	-79.75	-10.14	-77.99	-11.08	211.70	-173.06	-18.10	56.74	-188.71
		154	7.31	-1.49	-100.03	-2.31	-99.21	-8.93	222.17	-177.70	0.94	43.53	-198.80
69	32	153	8.18	-1.70	-83.76	-3.95	-81.51	-13.40	332.64	-50.25	23.65	258.75	-151.11
		144	6.49	-7.87	-60.55	-12.34	-56.08	-14.68	302.21	-55.63	5.66	240.92	-134.82
		145	4.81	-6.37	-59.94	-7.62	-58.69	-8.10	157.10	-128.51	-13.41	42.00	-140.09
		154	5.45	-1.14	-75.15	-1.74	-74.56	-6.59	164.86	-131.89	0.73	32.24	-147.54
69	37	153	7.29	-1.65	-75.91	-3.58	-73.98	-11.82	291.97	-44.26	20.82	226.89	-132.84
		144	5.79	-7.52	-54.95	-11.17	-51.31	-12.64	265.05	-49.12	4.92	211.01	-118.56
		145	4.25	-5.99	-54.66	-6.92	-53.72	-6.69	138.27	-113.11	-11.73	36.89	-123.31
		154	4.85	-1.09	-68.41	-1.58	-67.92	-5.69	145.10	-115.97	0.71	28.42	-129.80
70	8	154	7.35	-1.94	-102.26	-3.05	-101.15	-10.49	224.53	-175.80	-3.96	52.69	-198.15
		145	6.48	-9.03	-81.81	-11.05	-79.80	-11.94	212.13	-172.22	-24.04	63.95	-187.07
		146	7.94	-7.99	-80.58	-8.31	-80.26	-4.83	51.60	-306.01	-59.15	-195.25	-165.35
		155	9.35	-1.95	-95.69	-2.15	-95.49	-4.35	53.33	-337.84	-42.80	-241.71	-168.41
70	32	154	5.48	-1.49	-76.86	-2.30	-76.06	-7.76	166.61	-130.48	-2.91	39.04	-147.06
		145	4.82	-6.87	-61.53	-8.31	-60.10	-8.74	157.41	-127.88	-17.82	47.35	-138.88
		146	5.92	-6.05	-60.69	-6.27	-60.47	-3.41	38.55	-226.86	-43.80	-144.51	-122.78
		155	6.97	-1.49	-72.03	-1.63	-71.89	-3.14	39.77	-250.43	-31.70	-178.97	-125.03
70	37	154	4.89	-1.44	-70.12	-2.11	-69.46	-6.75	146.64	-114.73	-2.50	34.41	-129.38
		145	4.26	-6.47	-56.29	-7.56	-55.20	-7.28	138.55	-112.56	-15.61	41.60	-122.25
		146	5.26	-5.65	-55.73	-5.77	-55.61	-2.45	34.44	-199.03	-38.33	-126.26	-108.14
		155	6.23	-1.42	-66.03	-1.52	-65.93	-2.54	35.39	-219.65	-27.74	-156.52	-110.07
71	8	155	9.43	-1.68	-98.06	-2.07	-97.67	-6.10	56.85	-334.56	-45.52	-232.19	-172.01
		146	8.00	-8.62	-83.07	-9.03	-82.66	-5.50	51.21	-305.93	-65.18	-189.54	-167.39
		147	10.50	-10.21	-81.08	-10.22	-81.08	-0.77	-70.70	-492.37	-104.66	-458.41	-114.75
		156	12.62	-5.31	-95.07	-5.32	-95.06	0.60	-77.93	-583.05	-104.67	-556.31	-113.10
71	32	155	7.04	-1.29	-73.86	-1.57	-73.58	-4.47	42.38	-247.99	-33.72	-171.90	-127.69
		146	5.96	-6.54	-62.60	-6.81	-62.33	-3.91	38.25	-226.80	-48.28	-140.26	-124.29
		147	7.82	-7.73	-61.15	-7.73	-61.15	-0.37	-52.19	-364.58	-77.48	-339.29	-85.21
		156	9.40	-4.04	-71.70	-4.04	-71.69	0.60	-57.62	-431.87	-77.54	-411.96	-84.00
71	37	155	6.30	-1.26	-67.85	-1.47	-67.63	-3.75	37.69	-217.52	-29.53	-150.30	-112.41
		146	5.31	-6.12	-57.65	-6.29	-57.49	-2.90	34.19	-198.98	-42.27	-122.52	-109.46
		147	6.96	-7.21	-56.43	-7.21	-56.43	0.28	-45.36	-319.08	-67.79	-296.66	-75.07
		156	8.38	-3.81	-66.14	-3.83	-66.13	0.95	-50.28	-378.28	-67.93	-360.63	-74.01
72	8	156	12.60	-5.29	-96.57	-5.32	-96.55	-1.62	-77.90	-575.97	-107.97	-545.90	-118.63
		147	10.64	-10.95	-83.99	-10.95	-83.98	-0.40	-74.85	-494.94	-108.62	-461.17	-114.22
		148	13.76	-15.81	-80.80	-15.91	-80.70	-2.51	-145.01	-730.82	-145.76	-730.07	-20.94
		157	17.38	-17.15	-92.85	-17.46	-92.54	4.81	-188.32	-954.64	-189.19	-953.77	-25.84
72	32	156	9.39	-4.04	-72.86	-4.06	-72.84	-1.09	-57.61	-426.63	-79.99	-404.25	-88.08
		147	7.92	-8.29	-63.38	-8.29	-63.38	-0.07	-55.27	-366.47	-80.42	-341.33	-84.81
		148	10.24	-11.96	-60.98	-12.02	-60.92	-1.73	-107.32	-540.91	-107.88	-540.35	-15.56

		157	12.93	-12.94	-70.13	-13.20	-69.88	3.79	-139.48	-707.08	-140.13	-706.43	-19.20
72	37	156	8.38	-3.88	-67.32	-3.88	-67.31	-0.67	-50.27	-373.69	-70.09	-353.87	-77.58
		147	7.06	-7.74	-58.67	-7.74	-58.66	0.61	-48.08	-320.72	-70.37	-298.44	-74.69
		148	9.10	-11.12	-56.43	-11.15	-56.40	-1.13	-93.84	-473.03	-94.34	-472.54	-13.71
		157	11.49	-11.96	-65.04	-12.26	-64.74	3.99	-122.17	-619.35	-122.75	-618.77	-16.94
73	8	38	263.40	29.99	-1305.96	-77.94	-1198.03	-364.06	1.330e+04	255.24	1684.21	1.187e+04	4073.48
		150	86.19	763.95	141.16	197.88	707.23	179.19	-574.07	-3652.75	-787.17	-3439.64	-781.46
		149	81.44	37.06	-420.40	-240.96	-142.38	-223.36	4526.37	232.14	774.80	3983.71	1426.83
		158	55.21	-14.66	-429.82	-15.59	-428.89	19.61	1724.23	-1471.52	-635.71	888.43	-1404.44
73	32	38	196.18	22.44	-977.67	-58.54	-896.70	-272.81	9884.31	186.74	1251.13	8819.92	3031.35
		150	64.42	571.96	105.46	147.87	529.54	134.11	-428.00	-2726.78	-587.16	-2567.62	-583.57
		149	60.63	27.76	-314.81	-180.45	-106.60	-167.26	3363.79	171.24	575.64	2959.39	1061.85
		158	41.08	-10.85	-321.37	-11.55	-320.68	14.70	1279.02	-1095.35	-472.10	655.78	-1044.69
73	37	38	173.97	20.28	-875.15	-52.36	-802.50	-244.48	8734.57	159.05	1103.25	7790.36	2684.31
		150	57.53	511.79	94.08	131.92	473.95	119.88	-380.59	-2430.60	-522.20	-2288.99	-519.86
		149	53.72	24.73	-281.81	-161.58	-95.50	-149.66	2970.17	148.42	507.79	2610.80	940.69
		158	36.33	-9.67	-287.20	-10.29	-286.58	13.07	1124.76	-970.05	-415.98	570.68	-923.95
74	8	158	60.35	11.11	-449.68	10.33	-448.90	-18.92	2568.40	106.45	110.86	2563.99	-104.12
		149	33.32	59.16	-187.46	-60.66	-67.63	-123.26	1884.85	-79.58	-75.56	1880.83	88.84
		151	23.37	1.20	-175.87	-22.08	-152.60	-59.84	1186.48	201.46	218.20	1169.75	-127.30
		159	29.90	-0.15	-220.05	-1.12	-219.08	14.59	1266.15	7.91	27.60	1246.45	-156.17
74	32	158	44.91	8.32	-336.34	7.73	-335.75	-14.21	1905.57	78.88	82.14	1902.31	-77.16
		149	24.76	44.24	-140.34	-45.47	-50.63	-92.25	1397.49	-59.90	-56.89	1394.47	66.23
		151	17.38	0.82	-131.58	-16.56	-114.20	-44.71	879.33	149.61	161.98	866.96	-94.21
		159	22.23	-0.10	-164.50	-0.82	-163.78	10.89	938.58	6.02	20.59	924.01	-115.64
74	37	158	39.77	7.48	-300.85	6.95	-300.31	-12.83	1676.65	69.17	72.02	1673.79	-67.64
		149	21.85	39.32	-125.70	-40.84	-45.53	-82.48	1227.78	-54.33	-51.60	1225.05	59.13
		151	15.35	0.49	-117.79	-14.88	-102.42	-39.77	771.75	131.89	142.65	760.98	-82.29
		159	19.65	-0.06	-147.12	-0.70	-146.48	9.65	824.19	5.64	18.35	811.48	-101.21
75	8	159	31.48	3.65	-236.63	3.35	-236.33	8.44	1313.03	0.40	27.68	1285.74	-187.26
		151	24.15	6.34	-163.93	-20.50	-137.10	-62.04	1230.32	77.92	89.78	1218.46	-116.30
		152	16.16	-0.35	-130.79	-6.20	-124.95	-26.99	761.90	1.08	84.62	678.36	-237.87
		160	19.17	2.26	-157.11	1.65	-156.51	9.79	759.27	-6.11	31.06	722.09	-164.53
75	32	159	23.42	2.73	-176.96	2.51	-176.74	6.29	973.39	0.26	20.50	953.15	-138.89
		151	17.95	4.65	-122.68	-15.38	-102.65	-46.35	911.93	57.71	66.47	903.17	-86.05
		152	12.02	-0.34	-97.91	-4.66	-93.58	-20.09	564.54	0.75	62.77	502.52	-176.41
		160	14.26	1.70	-117.54	1.25	-117.09	7.31	562.63	-4.50	23.07	535.07	-121.95
75	37	159	20.72	2.44	-158.46	2.25	-158.27	5.55	854.89	0.16	17.96	837.10	-122.04
		151	15.87	3.83	-109.97	-13.86	-92.28	-41.24	800.61	50.60	58.20	793.02	-75.08
		152	10.64	-0.50	-87.95	-4.22	-84.23	-17.66	495.21	0.64	55.18	440.67	-154.92
		160	12.62	1.54	-105.46	1.15	-105.07	6.47	493.69	-3.86	20.32	469.51	-106.99
76	8	160	19.64	1.59	-162.82	1.28	-162.52	7.08	771.57	-14.28	22.62	734.67	-166.24
		152	16.42	-0.94	-131.66	-8.05	-124.55	-29.64	772.47	3.38	70.16	705.69	-216.56
		153	11.42	-1.55	-110.43	-3.20	-108.78	-13.29	479.72	-102.50	43.41	333.81	-252.32
		161	12.26	1.40	-126.11	1.07	-125.78	6.43	409.39	-42.41	21.36	345.63	-157.30
76	32	160	14.61	1.19	-121.86	0.96	-121.64	5.28	571.77	-10.60	16.78	544.39	-123.27
		152	12.22	-0.79	-98.60	-6.05	-93.34	-22.07	572.39	2.47	52.03	522.83	-160.58
		153	8.51	-1.21	-82.79	-2.41	-81.59	-9.81	355.58	-76.15	32.22	247.21	-187.19
		161	9.13	1.05	-94.49	0.81	-94.24	4.80	303.37	-31.48	15.85	256.04	-116.65
76	37	160	12.95	1.05	-109.51	0.86	-109.32	4.66	501.76	-9.31	14.75	477.70	-108.25
		152	10.82	-0.96	-88.75	-5.50	-84.21	-19.43	502.14	2.18	45.71	458.61	-140.96
		153	7.57	-1.22	-74.80	-2.19	-73.83	-8.41	312.14	-67.05	28.35	216.74	-164.54
		161	8.12	0.96	-85.24	0.75	-85.03	4.25	266.24	-27.69	13.93	224.62	-102.48
77	8	161	12.47	0.78	-129.38	0.63	-129.22	4.49	414.26	-41.93	17.02	355.31	-153.03
		153	11.55	-2.18	-112.67	-4.28	-110.58	-15.07	482.22	-99.36	36.06	346.79	-245.81
		154	8.13	-1.67	-100.14	-2.07	-99.74	-6.27	264.51	-219.98	6.86	37.67	-241.76
		162	7.04	0.89	-109.64	0.74	-109.49	4.04	160.64	-115.16	14.93	30.55	-137.68
77	32	161	9.29	0.58	-96.98	0.47	-96.87	3.35	306.99	-31.13	12.63	263.23	-113.50
		153	8.61	-1.69	-84.52	-3.22	-82.99	-11.15	357.43	-73.81	26.76	256.86	-182.37
		154	6.05	-1.28	-75.22	-1.56	-74.94	-4.55	196.28	-163.26	5.12	27.90	-179.41
		162	5.26	0.67	-82.32	0.56	-82.21	3.02	119.17	-85.43	11.08	22.65	-102.14
77	37	161	8.27	0.51	-87.65	0.41	-87.55	2.95	269.43	-27.39	11.10	230.94	-99.72
		153	7.67	-1.70	-76.53	-2.95	-75.28	-9.61	313.78	-64.99	23.56	225.24	-160.30
		154	5.36	-1.23	-68.45	-1.43	-68.25	-3.66	172.71	-143.54	4.56	24.61	-157.81
		162	4.73	0.62	-74.78	0.53	-74.68	2.66	104.84	-75.03	9.74	20.07	-89.79
78	8	162	7.18	0.45	-112.26	0.40	-112.21	2.40	163.40	-113.43	11.83	38.14	-137.79
		154	8.16	-2.21	-102.52	-2.82	-101.91	-7.78	266.27	-218.20	0.05	48.02	-241.05
		155	9.91	-1.73	-95.87	-1.78	-95.83	-2.01	89.29	-374.44	-36.47	-248.68	-206.16
		163	9.68	0.64	-101.03	0.59	-100.98	2.17	45.32	-316.02	7.73	-278.44	-110.31
78	32	162	5.37	0.33	-84.32	0.30	-84.28	1.78	121.22	-84.15	8.77	28.29	-102.22
		154	6.08	-1.70	-77.06	-2.13	-76.63	-5.69	197.58	-161.94	0.06	35.58	-178.88
		155	7.38	-1.32	-72.17	-1.35	-72.15	-1.34	66.46	-277.59	-27.00	-184.13	-153.03
		163	7.23	0.48	-76.04	0.45	-76.00	1.62	33.67	-234.12	5.74	-206.19	-81.86
78	37	162	4.84	0.29	-76.75	0.26	-76.72	1.55	106.65	-73.90	7.71	25.04	-89.86
		154	5.39	-1.65	-70.28	-1.97	-69.96	-4.69	173.86	-142.38	0.11	31.37	-157.35
		155	6.58	-1.26	-66.16	-1.27	-66.16	-0.73	58.87	-243.56	-23.63	-161.06	-134.70
		163	6.48	0.46	-69.63	0.43	-69.60	1.42	29.73	-205.08	5.04	-180.40	-72.02

79	8	163	9.79	0.78	-103.12	0.78	-103.12	0.41	54.12	-313.21	11.12	-270.21	-118.10
		155	9.95	-2.41	-98.39	-2.53	-98.27	-3.38	88.54	-371.66	-43.26	-239.86	-208.05
		156	12.98	-3.35	-96.10	-3.40	-96.05	2.18	-60.12	-602.38	-98.27	-564.23	-138.67
79	32	164	14.39	-0.16	-98.41	-0.17	-98.40	1.23	-3.84	-637.64	-10.32	-631.16	-63.79
		163	7.32	0.59	-77.64	0.59	-77.64	0.30	40.21	-232.03	8.25	-200.07	-87.63
		155	7.41	-1.84	-74.11	-1.92	-74.03	-2.38	65.90	-275.53	-32.04	-177.58	-154.43
79	37	156	9.67	-2.54	-72.49	-2.59	-72.44	1.83	-44.40	-446.24	-72.80	-417.84	-102.98
		164	10.73	-0.12	-74.29	-0.13	-74.28	0.93	-2.82	-472.32	-7.65	-467.49	-47.38
		163	6.56	0.53	-71.23	0.53	-71.23	0.20	35.47	-203.23	7.24	-175.01	-77.07
80	8	155	6.61	-1.77	-68.10	-1.81	-68.06	-1.67	58.39	-241.75	-28.06	-155.29	-135.92
		156	8.62	-2.39	-66.91	-2.47	-66.84	2.23	-38.63	-390.96	-63.79	-365.80	-90.73
		164	9.58	-0.10	-68.70	-0.11	-68.69	0.84	-2.43	-413.74	-6.72	-409.45	-41.76
80	32	164	15.07	7.91	-97.26	7.62	-96.98	-5.46	71.98	-630.82	58.20	-617.04	-97.43
		156	12.94	-5.57	-103.36	-5.88	-103.05	5.48	-83.42	-591.77	-116.61	-558.57	-125.58
		157	17.33	-18.34	-85.90	-18.47	-85.76	3.03	-207.86	-982.32	-210.50	-979.68	-45.17
80	37	37	21.35	-13.12	-119.34	-15.67	-116.79	16.25	-143.95	-1112.85	-147.91	-1108.90	61.76
		164	11.24	5.98	-73.45	5.77	-73.23	-4.14	53.37	-467.24	43.13	-457.00	-72.31
		156	9.65	-4.24	-78.04	-4.49	-77.78	4.36	-61.68	-438.36	-86.40	-413.64	-93.28
80	37	157	12.89	-13.85	-64.80	-13.96	-64.68	2.42	-153.97	-727.65	-155.93	-725.68	-33.54
		37	15.91	-9.94	-90.46	-11.88	-88.51	12.37	-106.69	-824.67	-109.61	-821.76	45.69
		164	10.04	5.58	-68.04	5.37	-67.83	-3.92	46.86	-409.23	37.81	-400.18	-63.62
81	8	156	8.61	-4.00	-72.29	-4.32	-71.96	4.68	-53.81	-384.04	-75.73	-362.12	-82.22
		157	11.43	-12.82	-59.87	-12.97	-59.72	2.62	-134.89	-637.48	-136.63	-635.74	-29.53
		37	14.21	-9.29	-84.76	-11.17	-82.89	11.74	-93.59	-723.16	-96.13	-720.62	39.90
1.363e+04	81	167	143.02	613.01	-207.74	303.61	101.67	-397.76	-617.88	-8756.01	-1033.04	-8340.84	1790.61
		8	502.32	294.91	-855.85	70.93	-631.87	455.61	2.942e+04	-1405.20	6808.21	2.120e+04	-
		165	116.13	-254.75	-552.79	-267.16	-540.38	-59.54	1768.70	-6522.40	-2996.63	-1757.07	4098.96
1.002e+04	81	166	138.04	68.57	-393.80	-258.21	-67.02	210.50	8335.46	212.25	2086.98	6460.74	-3422.60
		167	105.19	452.71	-152.88	224.40	75.43	-293.49	-454.20	-6435.94	-759.39	-6130.75	1316.23
		8	369.37	217.99	-631.64	52.89	-466.54	336.18	2.162e+04	-1033.02	5003.75	1.558e+04	-
81	37	165	85.36	-188.53	-408.14	-197.67	-399.01	-43.85	1300.20	-4794.07	-2202.43	-1291.44	3012.90
		166	101.49	50.50	-290.53	-190.76	-49.27	155.15	6126.67	156.09	1533.82	4748.93	-2515.50
		167	90.37	394.79	-131.62	196.29	66.87	-255.13	-389.35	-5515.47	-651.01	-5253.81	1128.20
82	8	8	317.03	190.74	-549.54	47.74	-406.54	292.25	1.853e+04	-885.78	4286.49	1.336e+04	-8582.41
		165	73.16	-165.69	-355.64	-173.56	-347.77	-37.86	1114.75	-4108.10	-1886.82	-1106.53	2582.12
		166	87.05	43.60	-252.45	-166.59	-42.26	134.34	5249.92	134.01	1313.89	4070.03	-2155.01
82	32	166	25.53	27.60	-157.64	-69.94	-60.10	92.49	1294.63	-423.92	-423.40	1294.12	-29.74
		165	80.73	-78.70	-531.79	-139.03	-471.46	153.93	3944.46	484.83	912.20	3517.09	-1138.37
		168	32.83	62.07	-208.40	61.48	-207.81	12.64	1158.77	-368.92	-364.07	1153.92	85.99
82	37	169	28.90	-8.90	-224.70	-66.21	-167.39	95.30	1390.46	401.27	483.84	1307.90	-273.60
		166	18.77	20.65	-116.39	-51.66	-44.08	68.41	951.71	-311.68	-311.30	951.34	-21.71
		165	59.43	-58.25	-392.86	-102.87	-348.24	113.75	2899.28	356.38	670.43	2585.22	-836.64
83	7	168	24.17	45.96	-153.64	45.52	-153.20	9.36	851.89	-271.16	-267.59	848.32	63.23
		169	21.28	-6.71	-165.88	-48.99	-123.59	70.30	1022.17	294.91	355.52	961.56	-201.01
		166	16.09	18.88	-101.41	-45.08	-37.45	60.02	815.98	-267.37	-267.07	815.68	-18.11
83	31	165	51.22	-51.22	-343.05	-90.36	-303.91	99.44	2484.53	305.44	574.32	2215.65	-716.67
		168	20.82	40.46	-133.15	40.07	-132.76	8.24	730.59	-232.35	-229.28	727.52	54.28
		169	18.34	-6.29	-144.46	-43.05	-107.70	61.05	876.44	252.61	304.30	824.75	-171.97
83	37	169	25.34	8.90	-172.04	-22.18	-140.96	68.24	1188.84	-64.80	-64.20	1188.23	27.42
		168	31.59	-9.82	-248.25	-16.56	-241.51	39.51	1345.54	82.76	84.90	1343.40	-51.93
		170	19.92	8.25	-165.57	5.64	-162.95	21.15	747.43	-55.19	-53.68	745.92	34.78
84	7	171	15.49	-4.76	-141.26	-20.67	-125.35	43.80	691.00	-14.31	20.32	656.37	152.40
		169	18.65	6.55	-127.04	-16.38	-104.11	50.37	874.06	-47.74	-47.29	873.61	20.24
		168	23.26	-7.29	-183.24	-12.28	-178.25	29.21	989.17	60.82	62.39	987.60	-38.13
84	31	170	14.67	6.13	-122.17	4.19	-120.23	15.64	549.58	-40.55	-39.45	548.47	25.55
		171	11.41	-3.54	-104.31	-15.25	-92.59	32.30	508.12	-10.59	14.83	482.69	112.00
		169	16.08	5.64	-110.76	-14.28	-90.84	43.84	749.79	-41.25	-40.86	749.39	17.63
84	37	168	20.06	-6.49	-159.52	-10.88	-155.12	25.56	848.21	52.09	53.43	846.87	-32.55
		170	12.66	5.45	-106.22	3.74	-104.51	13.72	471.61	-34.73	-33.78	470.66	21.86
		171	9.86	-3.16	-90.93	-13.27	-80.81	28.03	436.16	-9.32	12.38	414.45	95.91
84	7	171	17.00	0.10	-141.64	-12.44	-129.09	40.25	737.19	-83.02	-45.24	699.41	171.92
		170	19.39	-0.81	-172.66	-3.24	-170.23	20.31	734.44	-20.16	-10.81	725.09	83.47
		172	12.06	1.87	-134.74	0.22	-133.09	14.92	371.22	-59.15	-26.49	338.56	113.97
84	31	173	11.41	-1.89	-119.58	-7.85	-113.62	25.79	427.88	-167.86	-62.85	322.87	227.01
		171	12.53	0.05	-104.68	-9.19	-95.45	29.69	542.07	-61.10	-33.36	514.33	126.34
		170	14.29	-0.61	-127.52	-2.42	-125.72	15.04	540.02	-14.81	-7.94	533.16	61.34
84	37	172	8.89	1.39	-99.52	0.17	-98.30	11.06	272.96	-43.43	-19.46	248.99	83.71
		173	8.41	-1.40	-88.39	-5.78	-84.01	19.02	314.53	-123.32	-46.28	237.48	166.73
		171	10.84	-0.04	-91.55	-8.00	-83.59	25.79	465.27	-52.61	-28.91	441.57	108.21
85	7	170	12.34	-0.58	-111.25	-2.18	-109.65	13.24	463.41	-12.67	-6.80	457.54	52.55
		172	7.69	1.26	-86.85	0.16	-85.76	9.77	234.25	-37.05	-16.63	213.84	71.56
		173	7.29	-1.23	-77.36	-4.98	-73.60	16.50	269.63	-105.47	-39.91	204.06	142.46
85	31	173	11.78	-1.71	-122.80	-6.54	-117.97	23.70	434.99	-167.12	-59.09	326.96	231.03
		172	12.19	0.06	-139.12	-1.11	-137.95	12.72	374.06	-60.57	-18.01	331.50	129.18
		174	7.42	0.84	-119.48	-0.12	-118.53	10.67	130.24	-153.04	-19.89	-2.90	141.39

		175	8.87	-1.23	-110.42	-3.47	-108.17	15.49	204.33	-273.18	-75.02	6.18	235.28
85	31	173	8.68	-1.28	-90.87	-4.83	-87.32	17.48	319.76	-122.77	-43.51	240.50	169.68
		172	8.99	0.04	-102.86	-0.84	-101.99	9.44	275.04	-44.47	-13.22	243.80	94.90
		174	5.48	0.63	-88.36	-0.08	-87.64	7.93	95.66	-112.39	-14.60	-2.12	103.84
		175	6.53	-0.90	-81.73	-2.55	-80.08	11.42	149.97	-200.61	-55.19	4.55	172.73
85	37	173	7.53	-1.17	-79.84	-4.22	-76.80	15.17	274.11	-105.02	-37.56	206.65	145.00
		172	7.80	7.15e-04	-90.10	-0.79	-89.31	8.39	236.02	-37.93	-11.30	209.39	81.16
		174	4.77	0.58	-77.43	-0.06	-76.78	7.07	81.75	-95.98	-12.46	-1.77	88.71
		175	5.64	-0.77	-71.88	-2.18	-70.47	9.90	127.83	-171.31	-47.44	3.96	147.35
86	8	175	8.92	-1.81	-113.71	-3.45	-112.07	13.44	205.10	-270.37	-64.52	-0.74	235.59
		174	7.58	0.07	-123.27	-0.51	-122.69	8.44	133.56	-152.81	-12.34	-6.91	143.16
		176	11.40	0.54	-113.15	0.03	-112.63	7.63	35.80	-387.14	-13.33	-338.01	135.52
		177	11.35	-0.94	-107.99	-1.60	-107.33	8.40	40.32	-438.48	-80.92	-317.24	208.21
86	32	175	6.57	-1.35	-84.26	-2.55	-83.06	9.91	150.54	-198.54	-47.48	-0.52	172.95
		174	5.60	0.04	-91.25	-0.39	-90.82	6.29	98.10	-112.22	-9.06	-5.07	105.14
		176	8.41	0.41	-83.77	0.03	-83.38	5.69	26.25	-284.60	-9.78	-248.57	99.51
		177	8.37	-0.69	-80.04	-1.17	-79.56	6.18	29.38	-322.20	-59.49	-233.32	152.80
86	37	175	5.68	-1.22	-74.40	-2.24	-73.38	8.59	128.33	-169.54	-40.85	-0.36	147.55
		174	4.89	4.04e-03	-80.29	-0.40	-79.89	5.65	83.84	-95.84	-7.72	-4.27	89.82
		176	7.31	0.40	-73.72	0.04	-73.36	5.13	22.29	-244.01	-8.33	-213.39	84.95
		177	7.26	-0.58	-70.74	-0.99	-70.34	5.33	24.37	-275.78	-51.02	-200.39	130.18
87	8	177	11.42	-2.28	-111.26	-2.60	-110.94	5.88	39.27	-436.26	-72.38	-324.62	201.56
		176	11.61	0.69	-116.40	0.41	-116.11	5.81	46.36	-385.53	0.74	-339.92	132.74
		178	16.34	-0.66	-113.64	-0.82	-113.49	4.25	-5.13	-717.23	-17.09	-705.27	91.51
		179	15.23	-1.35	-110.80	-1.38	-110.77	1.70	-74.74	-699.11	-108.48	-665.37	141.17
87	32	177	8.42	-1.70	-82.56	-1.93	-82.32	4.32	28.61	-320.58	-53.22	-238.74	147.91
		176	8.57	0.50	-86.27	0.29	-86.05	4.34	34.00	-283.43	0.55	-249.98	97.46
		178	12.05	-0.47	-84.24	-0.59	-84.12	3.18	-3.78	-527.32	-12.54	-518.56	67.16
		179	11.23	-1.00	-82.24	-1.02	-82.22	1.22	-55.03	-513.98	-79.73	-489.28	103.56
87	37	177	7.32	-1.53	-73.24	-1.72	-73.06	3.68	23.71	-274.41	-45.67	-205.03	125.98
		176	7.46	0.41	-76.23	0.20	-76.02	3.96	28.91	-243.03	0.50	-214.62	83.18
		178	10.45	-0.37	-74.46	-0.48	-74.34	2.91	-3.28	-452.31	-10.70	-444.89	57.23
		179	9.75	-0.88	-73.04	-0.89	-73.03	0.95	-47.48	-440.80	-68.30	-419.98	88.07
88	8	179	15.30	-3.18	-122.54	-3.63	-122.09	-7.32	-90.03	-679.12	-111.03	-658.12	109.23
		178	17.27	10.69	-110.49	9.79	-109.58	10.44	78.38	-722.35	65.33	-709.31	101.35
		7	23.25	-15.50	-147.20	-17.82	-144.88	-17.31	-136.99	-1147.49	-140.65	-1143.83	-60.74
		180	19.77	-20.38	-102.58	-21.04	-101.91	-7.35	-231.29	-1104.88	-232.92	-1103.25	37.66
88	32	179	11.29	-2.37	-91.05	-2.72	-90.71	-5.53	-66.26	-499.29	-81.60	-483.94	80.07
		178	12.74	7.94	-81.99	7.26	-81.31	7.81	57.57	-531.13	48.02	-521.57	74.39
		7	17.14	-11.51	-109.31	-13.24	-107.58	-12.90	-100.65	-843.28	-103.36	-840.58	-44.71
		180	14.57	-15.15	-76.21	-15.64	-75.72	-5.44	-170.02	-812.20	-171.21	-811.01	27.63
88	37	179	9.83	-2.13	-81.19	-2.47	-80.85	-5.20	-57.04	-428.24	-69.91	-415.37	67.91
		178	11.06	7.07	-72.77	6.42	-72.13	7.15	49.23	-455.71	41.14	-447.63	63.39
		7	14.85	-10.24	-97.25	-11.82	-95.68	-11.61	-86.14	-722.13	-88.48	-719.79	-38.50
		180	12.61	-13.52	-67.91	-13.94	-67.49	-4.79	-145.73	-696.29	-146.73	-695.29	23.51
89	8	182	21.24	234.72	63.91	173.27	125.35	-81.98	343.96	-783.58	252.07	-691.69	-308.48
		167	87.60	161.50	-272.46	133.62	-244.57	106.42	4473.64	-984.13	1565.88	1923.64	-2723.01
		166	33.89	-35.84	-128.42	-121.31	-42.95	-24.64	1809.06	-450.08	-324.87	1683.85	-516.91
		181	35.31	-11.20	-117.33	-94.29	-34.24	43.75	1958.22	-280.04	345.20	1332.98	-1004.25
89	32	182	15.64	173.05	46.94	127.75	92.24	-60.50	252.66	-575.89	185.20	-508.42	-226.60
		167	64.40	119.52	-200.63	99.04	-180.15	78.34	3288.10	-723.33	1150.86	1413.91	-2001.40
		166	24.94	-26.43	-95.25	-89.96	-31.72	-18.34	1329.75	-330.84	-238.89	1237.79	-379.80
		181	25.95	-8.25	-86.42	-69.59	-25.08	32.13	1439.24	-205.70	253.60	979.94	-737.95
89	37	182	13.47	149.98	40.14	110.75	79.36	-52.63	216.03	-493.32	158.44	-435.73	-193.73
		167	55.24	105.02	-173.12	87.53	-155.64	67.51	2817.29	-619.76	985.90	1211.63	-1714.81
		166	21.47	-22.92	-84.40	-79.64	-27.67	-16.43	1139.66	-283.58	-205.04	1061.12	-324.99
		181	22.21	-7.11	-74.66	-60.56	-21.21	27.45	1233.03	-175.84	216.90	840.29	-631.73
90	8	181	18.22	4.70	-28.04	-27.03	3.69	5.66	1038.58	-240.32	-102.81	901.07	-396.18
		166	40.92	-23.06	-220.63	-137.94	-105.75	97.46	2305.59	182.22	409.99	2077.82	-657.08
		169	22.48	16.56	-167.13	-20.82	-129.75	73.95	1008.49	-106.41	-104.66	1006.74	44.13
		183	17.57	-5.56	-117.38	-68.88	-54.05	55.41	1000.12	23.80	33.88	990.03	-98.71
90	32	181	13.39	3.37	-20.79	-20.06	2.65	4.13	763.41	-176.64	-75.70	662.48	-291.02
		166	30.09	-17.02	-162.94	-102.09	-77.86	71.95	1694.68	133.94	301.26	1527.37	-482.84
		169	16.55	12.28	-123.40	-15.37	-95.74	54.66	741.50	-78.32	-77.03	740.21	32.50
		183	12.93	-4.15	-86.64	-50.87	-39.92	40.88	735.41	17.33	24.72	728.02	-72.46
90	37	181	11.49	2.62	-18.39	-17.82	2.04	3.43	654.31	-151.34	-65.31	568.28	-248.82
		166	25.84	-14.79	-142.11	-89.74	-67.16	62.65	1452.30	114.81	257.85	1309.27	-413.34
		169	14.27	10.89	-107.52	-13.40	-83.23	47.82	636.19	-67.47	-66.34	635.07	28.07
		183	11.12	-3.77	-75.41	-44.35	-34.83	35.50	631.18	14.31	20.57	624.92	-61.81
91	7	183	15.82	-4.06	-94.15	-43.76	-54.45	44.73	860.51	-83.89	-83.32	859.94	-23.33
		169	24.31	-2.60	-177.31	-42.67	-137.23	73.46	1179.25	81.98	85.31	1175.92	-60.35
		171	16.05	2.44	-135.66	-12.29	-120.93	42.63	681.57	-89.08	-63.27	655.76	138.64
		184	12.81	-7.15	-102.22	-30.76	-78.61	41.07	618.08	-85.15	-71.35	604.28	97.52
91	31	183	11.65	-3.09	-69.58	-32.35	-40.32	33.00	632.81	-61.85	-61.43	632.40	-17.06
		169	17.90	-1.92	-130.99	-31.56	-101.34	54.29	866.99	60.16	62.60	864.56	-44.29
		171	11.82	1.83	-100.20	-9.07	-89.30	31.52	501.20	-65.56	-46.61	482.25	101.88
		184	9.44	-5.31	-75.54	-22.69	-58.16	30.31	454.63	-62.77	-52.65	444.51	71.63

91	37	183	10.04	-2.98	-60.84	-28.30	-35.52	28.70	543.33	-53.59	-53.25	542.98	-14.32
		169	15.44	-1.68	-114.37	-27.68	-88.37	47.48	743.69	51.25	53.31	741.62	-37.73
		171	10.21	1.69	-87.44	-7.88	-77.87	27.60	430.26	-56.45	-40.28	414.09	87.22
92	7	184	8.17	-4.71	-66.04	-19.72	-51.04	26.37	390.67	-54.37	-45.78	382.08	61.23
		184	12.80	-7.32	-100.05	-26.68	-80.69	37.69	603.67	-110.75	-90.42	583.34	118.80
		171	16.21	-1.88	-141.34	-16.80	-126.43	43.10	698.96	-42.50	-19.91	676.37	127.44
92	31	173	10.99	-0.40	-118.99	-7.34	-112.05	27.85	392.83	-138.56	-66.38	320.65	182.06
		185	9.33	-7.25	-95.96	-16.56	-86.65	27.20	351.01	-157.83	-103.38	296.56	157.30
		184	9.43	-5.46	-74.03	-19.71	-59.78	27.82	444.04	-81.58	-66.67	429.12	87.28
92	37	171	11.94	-1.39	-104.50	-12.43	-93.46	31.88	513.99	-31.33	-14.74	497.40	93.65
		173	8.10	-0.27	-87.98	-5.42	-82.84	20.62	288.80	-101.82	-48.88	235.86	133.70
		185	6.88	-5.36	-71.02	-12.21	-64.17	20.07	258.10	-116.04	-76.17	218.23	115.44
93	7	184	8.18	-4.92	-65.01	-17.19	-52.75	24.22	381.58	-70.48	-57.80	368.89	74.66
		171	10.33	-1.20	-91.52	-10.89	-81.83	27.95	441.23	-27.13	-12.97	427.07	80.18
		173	7.01	-0.16	-77.07	-4.71	-72.52	18.14	247.69	-87.15	-42.16	202.70	114.19
93	31	185	5.98	-4.70	-62.42	-10.58	-56.54	17.47	221.49	-99.52	-65.85	187.83	98.36
		185	9.47	-7.70	-98.17	-15.60	-90.27	25.54	350.25	-160.56	-99.76	289.45	165.41
		173	11.09	-1.80	-122.72	-7.84	-116.68	26.35	395.01	-129.29	-51.87	317.59	186.01
93	37	175	8.12	-0.88	-110.36	-3.91	-107.33	17.98	160.80	-230.32	-72.20	2.68	191.94
		186	7.02	-6.02	-94.78	-9.33	-91.46	16.83	121.61	-232.94	-113.12	1.78	167.71
		185	6.99	-5.72	-72.74	-11.52	-66.94	18.85	257.53	-118.04	-73.51	213.01	121.41
93	31	173	8.18	-1.32	-90.84	-5.80	-86.36	19.52	290.40	-95.00	-38.21	233.61	136.60
		175	5.99	-0.63	-81.70	-2.89	-79.44	13.34	118.01	-169.13	-53.12	1.99	140.90
		186	5.17	-4.45	-70.25	-6.88	-67.81	12.42	89.13	-171.04	-83.27	1.36	123.01
93	37	185	6.09	-5.07	-64.23	-10.05	-59.26	16.41	221.00	-101.23	-63.60	183.36	103.49
		173	7.10	-1.15	-79.89	-5.11	-75.93	17.20	249.05	-81.31	-33.04	200.78	116.69
		175	5.20	-0.49	-71.89	-2.51	-69.87	11.82	100.52	-144.43	-45.69	1.78	120.16
94	8	186	4.47	-3.88	-62.08	-5.96	-60.00	10.80	75.56	-146.02	-71.78	1.33	104.58
		186	7.10	-6.62	-97.78	-9.22	-95.18	15.18	121.49	-232.03	-105.56	-4.98	169.46
		175	8.23	-1.49	-113.83	-3.87	-111.45	16.18	162.66	-227.75	-61.64	-3.45	193.02
94	32	177	10.93	-1.22	-107.91	-2.29	-106.84	10.63	8.51	-408.29	-82.17	-317.61	171.96
		187	9.61	-5.50	-96.25	-6.30	-95.45	8.49	-35.42	-387.21	-123.89	-298.74	152.63
		186	5.23	-4.91	-72.56	-6.82	-70.66	11.20	89.04	-170.38	-77.73	-3.61	124.30
94	37	175	6.07	-1.10	-84.37	-2.87	-82.59	12.01	119.37	-167.24	-45.37	-2.51	141.70
		177	8.06	-0.89	-79.99	-1.69	-79.19	7.91	6.04	-300.05	-60.41	-233.59	126.19
		187	7.09	-4.07	-71.44	-4.65	-70.85	6.25	-26.37	-284.52	-91.14	-219.75	111.92
94	31	186	4.53	-4.34	-64.41	-5.96	-62.79	9.73	75.50	-145.43	-67.05	-2.88	105.70
		175	5.29	-0.97	-74.54	-2.55	-72.96	10.68	101.70	-142.80	-39.07	-2.04	120.84
		177	7.01	-0.75	-70.70	-1.47	-69.98	7.08	4.50	-256.92	-51.83	-200.60	107.48
95	8	187	6.17	-3.57	-63.45	-4.06	-62.96	5.39	-23.67	-243.53	-78.36	-188.84	95.04
		187	9.74	-5.97	-99.92	-6.38	-99.51	6.22	-35.76	-386.41	-117.23	-304.94	148.08
		177	11.09	-1.00	-111.12	-1.80	-110.31	9.40	13.11	-405.67	-71.00	-321.56	167.78
95	32	179	14.94	-3.77	-110.85	-3.81	-110.82	1.94	-93.23	-685.68	-117.48	-661.42	117.39
		188	13.28	-9.05	-97.90	-9.05	-97.89	0.83	-124.19	-638.51	-151.12	-611.57	114.59
		187	7.19	-4.44	-74.25	-4.74	-73.95	4.56	-26.62	-283.94	-86.25	-224.31	108.57
95	37	177	8.19	-0.74	-82.46	-1.35	-81.85	7.01	9.42	-298.12	-52.21	-236.49	123.11
		179	11.02	-2.80	-82.27	-2.83	-82.24	1.45	-68.60	-504.13	-86.35	-486.38	86.11
		188	9.80	-6.72	-72.76	-6.72	-72.75	0.57	-91.44	-469.55	-111.14	-449.85	84.03
96	8	187	6.27	-3.95	-66.22	-4.19	-65.98	3.88	-23.89	-243.04	-74.20	-192.73	92.17
		177	7.14	-0.66	-73.19	-1.22	-72.64	6.31	7.39	-255.30	-44.82	-203.08	104.83
		179	9.57	-2.49	-73.04	-2.51	-73.02	1.32	-59.03	-432.45	-73.99	-417.49	73.23
96	32	188	8.53	-5.98	-64.91	-5.99	-64.90	0.38	-78.87	-403.09	-95.42	-386.53	71.37
		188	13.50	-9.87	-101.91	-9.98	-101.79	-3.24	-126.36	-644.72	-148.45	-622.63	104.70
		179	14.87	-3.73	-113.63	-3.73	-113.63	0.57	-91.12	-671.13	-111.40	-650.85	106.54
96	37	180	20.06	-19.26	-110.86	-20.19	-109.93	-9.20	-215.37	-1090.83	-216.25	-1089.95	27.77
		189	17.42	-19.00	-96.72	-19.01	-96.72	-0.45	-188.52	-944.67	-189.45	-943.74	26.57
		188	9.97	-7.34	-75.82	-7.43	-75.73	-2.49	-93.03	-474.11	-109.18	-457.97	76.76
96	31	179	10.98	-2.79	-84.42	-2.79	-84.42	0.48	-67.05	-493.43	-81.88	-478.60	78.13
		180	14.79	-14.30	-82.39	-15.00	-81.68	-6.89	-158.32	-801.91	-158.97	-801.27	20.37
		189	12.85	-14.14	-71.96	-14.14	-71.96	-0.32	-138.64	-694.75	-139.33	-694.07	19.51
97	8	188	8.68	-6.58	-67.92	-6.68	-67.82	-2.49	-80.22	-407.00	-93.78	-393.45	65.15
		179	9.56	-2.54	-75.23	-2.54	-75.22	0.61	-57.70	-423.26	-70.18	-410.78	66.37
		180	12.81	-12.71	-73.49	-13.38	-72.82	-6.34	-135.74	-687.58	-136.28	-687.04	17.33
97	32	189	11.16	-12.67	-64.45	-12.67	-64.45	-0.24	-119.06	-596.61	-119.64	-596.03	16.64
		191	12.30	91.26	7.23	89.72	8.77	-11.24	436.26	-262.11	226.37	-52.22	-320.20
		182	27.25	135.64	-17.76	134.84	-16.96	-11.05	1266.21	-486.45	565.97	213.80	-858.46
97	31	181	23.90	10.28	-56.38	-56.15	10.05	-3.87	1310.93	-306.49	37.74	966.70	-662.02
		190	14.71	5.01	-13.60	-4.43	-4.17	-9.31	819.07	-208.39	40.84	569.85	-440.40
		191	9.04	67.19	5.25	66.05	6.38	-8.31	320.41	-192.51	166.30	-38.40	-235.15
97	37	182	20.04	100.02	-13.10	99.43	-12.51	-8.15	930.52	-357.46	415.93	157.13	-630.85
		181	17.58	7.62	-41.71	-41.54	7.45	-2.88	963.50	-225.19	27.61	710.71	-486.40
		190	10.81	3.71	-10.10	-3.30	-3.09	-6.91	601.92	-152.98	29.84	419.10	-323.40
98	8	191	7.76	57.95	4.28	56.94	5.28	-7.28	273.77	-164.48	142.25	-32.96	-200.85
		182	17.20	86.76	-11.37	86.24	-10.85	-7.10	796.82	-306.02	356.18	134.62	-540.18
		181	15.09	6.74	-36.63	-36.47	6.59	-2.57	825.47	-192.67	23.22	609.58	-416.17
98	32	190	9.27	3.28	-9.00	-2.98	-2.74	-6.14	515.44	-130.47	25.02	359.96	-276.14
		190	12.11	10.06	-10.08	-4.76	4.75	-8.87	665.22	-155.54	-41.91	551.60	-283.46

		181	21.06	-4.32	-62.67	-49.71	-17.27	24.25	1250.54	-121.63	74.67	1054.24	-480.45
		183	15.96	-2.28	-95.41	-50.25	-47.44	46.54	887.11	-91.21	-89.26	885.16	-43.60
		192	11.81	-9.48	-51.73	-41.32	-19.89	18.21	693.98	-133.07	-126.53	687.44	-73.24
98	32	190	8.90	7.32	-7.53	-3.59	3.38	-6.56	488.97	-114.26	-30.99	405.70	-208.08
		181	15.49	-3.22	-46.36	-36.81	-12.76	17.91	919.18	-89.37	54.75	775.06	-352.96
		183	11.74	-1.65	-70.52	-37.14	-35.03	34.42	652.35	-67.22	-65.80	650.93	-31.96
		192	8.69	-7.07	-38.21	-30.51	-14.77	13.43	510.53	-98.05	-93.28	505.76	-53.70
98	37	190	7.63	6.04	-6.87	-3.36	2.52	-5.74	419.07	-97.69	-27.13	348.50	-177.44
		181	13.28	-2.90	-40.68	-32.43	-11.16	15.61	787.71	-76.48	46.49	664.75	-301.90
		183	10.11	-1.33	-61.72	-32.49	-30.55	30.18	560.05	-58.19	-57.00	558.86	-27.10
		192	7.47	-6.40	-33.35	-26.61	-13.15	11.67	438.95	-84.81	-80.81	434.95	-45.60
99	8	192	11.33	-10.62	-46.52	-34.84	-22.30	16.82	654.32	-139.72	-137.93	652.54	-37.60
		183	16.35	-4.43	-101.06	-47.58	-57.91	48.04	887.45	-52.65	-50.02	884.83	-49.59
		184	12.61	-4.85	-98.86	-28.35	-75.36	40.70	602.21	-116.15	-99.52	585.58	108.02
		193	10.29	-14.47	-63.87	-33.13	-45.20	23.95	520.60	-161.94	-153.93	512.58	73.54
99	32	192	8.35	-7.97	-34.43	-25.75	-16.65	12.42	481.40	-102.95	-101.65	480.10	-27.50
		183	12.04	-3.28	-74.76	-35.18	-42.86	35.53	652.61	-38.87	-36.96	650.69	-36.36
		184	9.29	-3.55	-73.11	-20.94	-55.73	30.12	442.96	-85.55	-73.35	430.77	79.35
		193	7.59	-10.73	-47.26	-24.45	-33.54	17.69	383.14	-119.31	-113.44	377.27	53.98
99	37	192	7.21	-7.35	-30.28	-22.53	-15.10	10.85	414.03	-89.05	-87.98	412.97	-23.13
		183	10.39	-2.91	-65.59	-30.81	-37.69	31.15	560.26	-33.88	-32.27	558.65	-30.85
		184	8.03	-3.00	-64.11	-18.26	-48.85	26.45	380.67	-73.88	-63.52	370.31	67.85
		193	6.58	-9.52	-41.52	-21.26	-29.77	15.43	329.93	-103.12	-98.17	324.98	46.03
100	7	193	10.31	-15.31	-64.09	-30.77	-48.63	22.69	509.87	-164.26	-153.06	498.67	86.17
		184	12.74	-6.70	-101.74	-28.36	-80.09	39.87	603.19	-104.60	-86.65	585.24	111.26
		185	9.23	-5.99	-95.87	-16.64	-85.22	29.05	347.89	-162.98	-109.02	293.93	157.02
		194	7.98	-14.41	-70.44	-22.25	-62.60	19.44	302.14	-185.19	-153.34	270.28	120.45
100	31	193	7.61	-11.38	-47.51	-22.73	-36.17	16.77	375.25	-121.01	-112.80	367.04	63.27
		184	9.39	-4.95	-75.33	-20.96	-59.32	29.51	443.68	-77.06	-63.90	430.52	81.74
		185	6.81	-4.39	-70.99	-12.28	-63.10	21.52	255.80	-119.82	-80.31	216.29	115.24
		194	5.89	-10.66	-52.23	-16.41	-46.47	14.36	222.27	-136.22	-112.97	199.02	88.29
100	37	193	6.61	-10.16	-42.02	-19.83	-32.36	14.65	323.14	-104.58	-97.64	316.20	54.02
		184	8.14	-4.31	-66.33	-18.33	-52.31	25.94	381.28	-66.62	-55.42	370.08	69.92
		185	5.91	-3.74	-62.50	-10.70	-55.55	18.98	219.53	-102.77	-69.41	186.17	98.18
		194	5.13	-9.34	-46.21	-14.26	-41.30	12.53	191.13	-117.07	-97.67	171.73	74.85
101	7	194	8.06	-14.99	-72.74	-21.62	-66.11	18.40	298.62	-184.78	-148.29	262.14	127.70
		185	9.34	-7.03	-98.87	-16.44	-89.45	27.86	347.74	-158.76	-100.05	289.03	162.14
		186	7.13	-5.51	-94.91	-9.83	-90.58	19.18	119.13	-231.85	-114.09	1.37	165.73
		195	5.61	-11.87	-76.50	-14.59	-73.78	12.96	75.71	-221.74	-145.96	-0.07	129.60
101	31	194	5.95	-11.11	-54.02	-15.96	-49.16	13.60	219.68	-135.91	-109.27	193.04	93.62
		185	6.89	-5.18	-73.30	-12.15	-66.33	20.65	255.69	-116.72	-73.72	212.70	119.01
		186	5.26	-4.05	-70.36	-7.26	-67.15	14.23	87.32	-170.25	-83.99	1.06	121.56
		195	4.13	-8.78	-56.81	-10.77	-54.82	9.57	55.35	-162.81	-107.49	0.03	94.91
101	37	194	5.20	-9.80	-48.08	-13.93	-43.94	11.88	188.89	-116.80	-94.52	166.61	79.46
		185	6.00	-4.51	-64.83	-10.64	-58.69	18.23	219.43	-100.11	-63.78	183.09	101.44
		186	4.56	-3.47	-62.23	-6.33	-59.38	12.63	74.01	-145.34	-72.40	1.07	103.34
		195	3.57	-7.67	-50.55	-9.37	-48.86	8.35	46.50	-138.97	-92.77	0.30	80.21
102	8	195	5.68	-12.41	-79.40	-14.53	-77.28	11.73	74.39	-221.47	-140.10	-6.98	132.11
		186	7.21	-6.14	-98.11	-9.69	-94.56	17.72	119.31	-230.08	-105.74	-5.03	167.28
		187	9.66	-5.53	-96.18	-6.84	-94.86	10.84	-36.56	-385.75	-123.31	-299.00	150.89
		196	8.22	-10.32	-81.64	-10.95	-81.01	6.64	-73.32	-352.26	-141.79	-283.79	120.05
102	32	195	4.19	-9.19	-59.05	-10.74	-57.50	8.66	54.38	-162.61	-103.19	-5.03	96.76
		186	5.32	-4.53	-72.83	-7.17	-70.19	13.16	87.44	-168.94	-77.86	-3.64	122.70
		187	7.13	-4.08	-71.39	-5.06	-70.41	8.06	-27.20	-283.45	-90.72	-219.94	110.64
		196	6.07	-7.64	-60.70	-8.10	-60.25	4.89	-54.35	-258.84	-104.37	-208.82	87.90
102	37	195	3.63	-8.10	-52.81	-9.41	-51.50	7.54	45.67	-138.79	-89.12	-3.99	81.82
		186	4.63	-3.96	-64.71	-6.30	-62.36	11.70	74.13	-144.21	-67.17	-2.91	104.34
		187	6.21	-3.57	-63.42	-4.45	-62.54	7.22	-24.38	-242.62	-78.00	-189.00	93.95
		196	5.29	-6.73	-54.26	-7.11	-53.88	4.23	-48.06	-221.51	-89.91	-179.66	74.21
103	8	196	8.37	-10.93	-84.73	-11.26	-84.40	4.91	-73.13	-354.00	-136.70	-290.43	117.53
		187	9.80	-5.88	-99.57	-6.80	-98.65	9.23	-35.64	-385.00	-116.35	-304.29	147.25
		188	13.34	-9.09	-97.98	-9.18	-97.89	2.85	-121.46	-638.54	-147.22	-612.78	112.50
		197	11.89	-12.04	-84.91	-12.08	-84.87	1.73	-127.23	-586.63	-145.39	-568.47	89.50
103	32	196	6.19	-8.11	-63.08	-8.35	-62.84	3.61	-54.21	-260.11	-100.64	-213.69	86.04
		187	7.24	-4.36	-74.00	-5.04	-73.31	6.88	-26.53	-282.91	-85.61	-223.82	107.97
		188	9.85	-6.75	-72.81	-6.82	-72.74	2.13	-89.43	-469.57	-108.27	-450.74	82.50
		197	8.78	-8.95	-63.20	-8.97	-63.18	1.25	-93.74	-431.58	-106.98	-418.33	65.56
103	37	196	5.41	-7.20	-56.64	-7.39	-56.45	3.07	-47.94	-222.62	-86.75	-183.80	72.62
		187	6.32	-3.86	-66.02	-4.48	-65.40	6.19	-23.80	-242.16	-73.65	-192.31	91.65
		188	8.57	-6.02	-64.94	-6.08	-64.88	1.93	-77.14	-403.13	-92.97	-387.30	70.07
		197	7.66	-7.98	-56.72	-8.00	-56.70	1.01	-81.05	-371.08	-92.06	-360.06	55.44
104	8	197	12.07	-12.80	-88.05	-12.83	-88.01	-1.63	-127.38	-590.80	-141.24	-576.95	78.93
		188	13.53	-9.83	-101.14	-9.88	-101.09	2.27	-122.05	-640.38	-143.12	-619.32	102.34
		189	17.41	-18.73	-97.49	-18.88	-97.34	-3.47	-187.15	-941.99	-188.01	-941.12	25.47
		198	15.25	-17.01	-86.18	-17.10	-86.09	2.52	-161.81	-820.76	-162.32	-820.25	18.20
104	32	197	8.92	-9.52	-65.62	-9.55	-65.59	-1.29	-93.84	-434.66	-103.94	-424.56	57.79
		188	9.99	-7.32	-75.25	-7.36	-75.20	1.74	-89.87	-470.93	-105.26	-455.53	75.03

		189	12.84	-13.93	-72.54	-14.05	-72.42	-2.64	-137.63	-692.77	-138.26	-692.14	18.70
		198	11.26	-12.68	-64.23	-12.75	-64.16	1.89	-119.07	-603.94	-119.43	-603.57	13.35
104	37	197	7.79	-8.53	-59.16	-8.57	-59.12	-1.39	-81.11	-373.75	-89.49	-365.37	48.79
		188	8.71	-6.57	-67.40	-6.62	-67.35	1.73	-77.50	-404.29	-90.42	-391.37	63.68
		189	11.15	-12.46	-64.99	-12.58	-64.87	-2.56	-118.19	-594.91	-118.72	-594.37	15.95
		198	9.81	-11.42	-57.87	-11.49	-57.80	1.74	-102.44	-519.65	-102.75	-519.34	11.38
105	8	200	6.66	63.84	-1.32	63.54	-1.01	-4.44	221.83	-120.95	105.02	-4.14	-162.46
		191	13.10	88.58	-2.70	88.31	-2.44	-4.89	540.24	-252.07	256.98	31.19	-379.73
		190	14.25	8.76	-11.88	-6.53	3.42	-9.04	770.57	-210.85	12.58	547.14	-411.53
		199	8.15	16.21	-8.52	9.07	-1.37	-11.21	437.68	-126.06	-45.73	357.35	-197.06
105	32	200	4.89	46.98	-1.03	46.75	-0.81	-3.30	162.69	-88.65	77.11	-3.07	-119.10
		191	9.62	65.20	-2.02	65.01	-1.83	-3.57	396.84	-185.12	188.80	22.91	-278.91
		190	10.47	6.40	-8.78	-4.89	2.52	-6.62	566.28	-154.80	9.07	402.41	-302.18
		199	5.99	11.93	-6.34	6.65	-1.06	-8.28	321.67	-92.45	-33.83	263.04	-144.37
105	37	200	4.19	40.45	-1.10	40.24	-0.89	-2.93	138.27	-75.14	65.84	-2.71	-101.05
		191	8.24	56.16	-1.85	56.01	-1.69	-2.98	339.25	-158.14	161.53	19.58	-238.35
		190	8.96	5.36	-7.68	-4.49	2.17	-5.61	484.94	-132.08	7.21	345.64	-257.96
		199	5.12	10.25	-5.68	5.65	-1.08	-7.22	275.56	-78.57	-29.69	226.67	-122.16
106	8	199	7.48	13.47	-8.48	6.63	-1.64	-10.16	415.82	-113.97	-76.12	377.97	-136.45
		190	12.03	-1.58	-9.22	-8.75	-2.05	-1.83	708.58	-140.21	-21.19	589.56	-294.72
		192	11.65	-6.92	-49.73	-38.66	-17.99	18.75	672.25	-143.44	-138.85	667.67	-60.96
		201	9.91	-10.19	-24.27	-24.26	-10.21	-0.43	525.79	-177.96	-176.44	524.28	-32.63
106	32	199	5.50	9.84	-6.36	4.83	-1.35	-7.49	305.79	-83.74	-56.17	278.22	-99.88
		190	8.84	-1.29	-6.87	-6.55	-1.61	-1.29	520.84	-102.99	-15.76	433.60	-216.36
		192	8.58	-5.10	-36.82	-28.57	-13.35	13.91	494.57	-105.68	-102.33	491.22	-44.68
		201	7.29	-7.65	-17.93	-17.92	-7.66	-0.30	387.17	-131.14	-130.05	386.07	-23.79
106	37	199	4.70	8.24	-5.88	3.99	-1.64	-6.48	262.53	-71.66	-48.86	239.73	-84.25
		190	7.56	-1.52	-6.20	-6.01	-1.71	-0.93	446.37	-88.04	-14.08	372.40	-184.54
		192	7.38	-4.42	-32.42	-25.00	-11.84	12.36	425.27	-91.36	-88.57	422.48	-37.87
		201	6.28	-7.07	-15.65	-15.65	-7.08	-0.21	334.06	-113.48	-112.61	333.18	-19.75
107	8	201	9.58	-13.28	-23.38	-23.36	-13.30	0.48	516.57	-176.98	-176.79	516.37	-11.70
		192	11.54	-9.15	-51.10	-35.55	-24.69	20.26	659.37	-132.99	-130.83	657.20	-41.34
		193	10.21	-12.27	-64.36	-32.45	-44.18	25.38	515.07	-167.80	-159.27	506.54	75.86
		202	9.06	-21.64	-36.03	-29.14	-28.54	7.19	452.07	-205.00	-201.43	448.50	48.27
107	32	201	7.05	-10.02	-17.30	-17.28	-10.04	0.38	380.40	-130.43	-130.30	380.26	-8.40
		192	8.50	-6.79	-37.90	-26.30	-18.40	15.04	485.10	-98.01	-96.43	483.53	-30.25
		193	7.53	-9.04	-47.69	-23.97	-32.77	18.82	379.07	-123.61	-117.36	372.83	55.68
		202	6.69	-16.06	-26.72	-21.51	-21.28	5.33	333.01	-151.04	-148.44	330.41	35.37
107	37	201	6.06	-9.42	-15.18	-15.15	-9.45	0.42	328.30	-112.90	-112.81	328.20	-6.55
		192	7.35	-6.05	-33.58	-23.06	-16.57	13.37	417.19	-84.80	-83.51	415.89	-25.48
		193	6.52	-7.81	-42.12	-20.91	-29.02	16.67	326.43	-106.81	-101.54	321.16	47.49
		202	5.82	-14.25	-23.68	-18.72	-19.21	4.71	287.76	-130.62	-128.47	285.60	29.96
108	7	202	9.11	-22.73	-37.60	-28.27	-32.06	7.19	444.89	-202.53	-196.86	439.22	60.33
		193	10.30	-13.49	-66.51	-31.19	-48.82	25.00	509.30	-163.30	-152.44	498.44	84.77
		194	7.89	-13.00	-71.23	-22.52	-61.72	21.53	300.87	-187.37	-155.36	268.86	120.84
		203	7.13	-20.88	-48.65	-23.63	-45.89	8.31	263.98	-200.27	-187.06	250.76	77.19
108	31	202	6.73	-16.87	-27.98	-20.88	-23.98	5.34	327.73	-149.23	-145.08	323.59	44.25
		193	7.60	-9.98	-49.37	-23.05	-36.29	18.55	374.83	-120.30	-112.34	366.87	62.25
		194	5.83	-9.58	-52.85	-16.63	-45.80	15.98	221.34	-137.82	-114.46	197.98	88.57
		203	5.27	-15.43	-36.20	-17.44	-34.18	6.15	194.40	-147.40	-137.83	184.83	56.39
108	37	202	5.86	-14.98	-25.12	-18.24	-21.86	4.73	283.20	-129.05	-125.59	279.73	37.62
		193	6.60	-8.73	-43.85	-20.16	-32.42	16.45	322.77	-103.97	-97.25	316.05	53.15
		194	5.07	-8.27	-46.88	-14.50	-40.66	14.20	190.32	-118.45	-98.95	170.83	75.10
		203	4.60	-13.48	-32.44	-15.18	-30.74	5.42	167.83	-126.97	-119.21	160.07	47.19
109	7	203	7.19	-21.20	-51.45	-23.39	-49.25	7.85	259.75	-198.72	-182.32	243.35	85.15
		194	7.98	-13.81	-73.99	-22.07	-65.73	20.71	298.07	-185.12	-148.87	261.82	127.29
		195	5.77	-11.23	-76.87	-15.02	-73.07	15.32	75.44	-222.17	-146.43	-0.30	129.63
		204	4.29	-16.35	-59.80	-17.30	-58.85	6.36	33.86	-200.25	-164.58	-1.81	84.14
109	31	203	5.32	-15.68	-38.36	-17.28	-36.75	5.82	191.28	-146.26	-134.36	179.38	62.25
		194	5.90	-10.19	-54.98	-16.31	-48.87	15.38	219.28	-136.17	-109.70	192.81	93.32
		195	4.26	-8.28	-57.10	-11.10	-54.28	11.39	55.16	-163.13	-107.84	-0.14	94.93
		204	3.18	-12.08	-44.54	-12.78	-43.84	4.70	24.62	-147.06	-121.23	-1.21	61.38
109	37	203	4.66	-13.75	-34.62	-15.10	-33.28	5.13	165.12	-125.97	-116.26	155.41	52.27
		194	5.15	-8.89	-49.05	-14.27	-43.66	13.68	188.54	-117.02	-94.89	166.41	79.20
		195	3.69	-7.17	-50.86	-9.69	-48.34	10.19	46.33	-139.25	-93.07	0.15	80.23
		204	2.79	-10.56	-40.03	-11.15	-39.44	4.13	20.24	-125.63	-104.74	-0.65	51.10
110	8	204	4.36	-16.81	-62.74	-17.48	-62.06	5.51	31.67	-200.10	-160.39	-8.04	87.33
		195	5.85	-11.83	-79.95	-14.93	-76.85	14.20	74.24	-221.51	-140.25	-7.02	132.02
		196	8.29	-10.12	-81.66	-11.30	-80.48	9.09	-72.97	-351.91	-141.13	-283.75	119.86
		205	6.93	-13.33	-67.68	-13.56	-67.45	3.53	-108.24	-310.51	-146.11	-272.65	78.90
110	32	204	3.23	-12.44	-46.80	-12.93	-46.30	4.08	23.00	-146.95	-118.17	-5.77	63.74
		195	4.31	-8.74	-59.48	-11.05	-57.17	10.56	54.27	-162.64	-103.30	-5.07	96.70
		196	6.13	-7.49	-60.72	-8.37	-59.84	6.78	-54.10	-258.58	-103.88	-208.79	87.76
		205	5.13	-9.87	-50.44	-10.04	-50.28	2.60	-80.13	-228.18	-107.60	-200.72	57.55
110	37	204	2.85	-10.92	-42.30	-11.34	-41.89	3.58	18.86	-125.51	-102.16	-4.49	53.15
		195	3.75	-7.65	-53.25	-9.70	-51.20	9.46	45.58	-138.82	-89.22	-4.01	81.77
		196	5.35	-6.57	-54.29	-7.37	-53.49	6.12	-47.84	-221.29	-89.49	-179.63	74.09

		205	4.49	-8.70	-45.47	-8.84	-45.33	2.26	-70.49	-195.37	-92.86	-173.00	47.89
111	8	205	7.09	-13.95	-70.63	-14.04	-70.54	2.20	-108.00	-313.02	-142.36	-278.66	76.57
		196	8.46	-10.69	-84.87	-11.52	-84.05	7.79	-72.59	-353.46	-135.82	-290.23	117.31
		197	11.91	-12.00	-84.83	-12.18	-84.64	3.69	-126.29	-585.65	-144.17	-567.77	88.86
		206	10.65	-13.17	-72.48	-13.20	-72.45	1.47	-128.51	-541.38	-136.71	-533.18	57.62
111	32	205	5.25	-10.35	-52.71	-10.41	-52.65	1.61	-79.95	-230.04	-104.86	-205.13	55.84
		196	6.25	-7.93	-63.20	-8.55	-62.58	5.82	-53.82	-259.72	-99.99	-213.55	85.88
		197	8.79	-8.92	-63.14	-9.06	-63.00	2.76	-93.05	-430.86	-106.09	-417.82	65.08
		206	7.88	-9.79	-54.07	-9.82	-54.05	1.07	-94.73	-398.55	-100.67	-392.61	42.06
111	37	205	4.61	-9.17	-47.75	-9.22	-47.70	1.36	-70.32	-197.00	-90.57	-176.74	46.42
		196	5.47	-7.01	-56.77	-7.58	-56.20	5.29	-47.60	-222.29	-86.20	-183.68	72.48
		197	7.67	-7.96	-56.66	-8.09	-56.53	2.52	-80.45	-370.47	-91.29	-359.62	55.03
		206	6.89	-8.76	-48.90	-8.78	-48.88	0.90	-82.03	-343.53	-86.84	-338.73	35.12
112	8	206	10.82	-13.90	-75.48	-13.93	-75.44	-1.47	-128.30	-544.74	-133.86	-539.18	47.80
		197	12.12	-12.73	-87.99	-12.90	-87.81	3.62	-126.41	-589.05	-140.07	-575.38	78.33
		198	15.24	-16.99	-86.14	-17.00	-86.14	-0.49	-161.80	-820.55	-162.31	-820.04	18.25
		207	13.67	-14.85	-75.42	-15.07	-75.21	3.61	-145.63	-741.68	-145.87	-741.43	12.16
112	32	206	8.00	-10.35	-56.38	-10.38	-56.35	-1.16	-94.56	-401.03	-98.58	-397.01	34.85
		197	8.96	-9.47	-65.58	-9.61	-65.44	2.75	-93.13	-433.36	-103.09	-423.41	57.35
		198	11.25	-12.66	-64.20	-12.67	-64.19	-0.42	-119.06	-603.78	-119.43	-603.41	13.39
		207	10.10	-11.09	-56.32	-11.25	-56.16	2.71	-107.23	-546.13	-107.41	-545.95	8.91
112	37	206	7.02	-9.29	-51.23	-9.33	-51.19	-1.23	-81.87	-345.70	-85.09	-342.48	28.95
		197	7.83	-8.49	-59.12	-8.63	-58.98	2.65	-80.50	-372.64	-88.75	-364.39	48.42
		198	9.80	-11.40	-57.84	-11.41	-57.84	-0.57	-102.43	-519.50	-102.75	-519.19	11.41
		207	8.83	-10.06	-51.12	-10.21	-50.97	2.50	-92.50	-471.16	-92.65	-471.01	7.55
113	8	209	3.08	47.95	-2.09	47.80	-1.94	-2.80	47.00	-26.22	26.19	-5.40	-33.03
		200	6.58	62.95	-1.34	62.93	-1.31	-1.19	234.23	-122.77	107.78	3.68	-170.74
		199	8.14	13.74	-5.78	7.53	0.43	-9.09	440.06	-127.00	-46.55	359.62	-197.85
		208	5.68	16.62	-8.39	9.88	-1.64	-11.10	293.99	-94.78	-93.47	292.68	-22.49
113	32	209	2.26	35.30	-1.60	35.18	-1.49	-2.09	34.07	-18.87	19.20	-4.00	-23.79
		200	4.83	46.30	-1.02	46.29	-1.00	-0.83	171.81	-89.98	79.14	2.68	-125.19
		199	5.98	10.01	-4.23	5.49	0.30	-6.63	323.42	-93.15	-34.43	264.71	-144.95
		208	4.19	12.22	-6.23	7.26	-1.27	-8.18	216.62	-69.83	-68.96	215.75	-15.78
113	37	209	1.94	30.43	-1.58	30.32	-1.47	-1.89	27.65	-14.88	16.32	-3.55	-18.80
		200	4.12	39.78	-0.99	39.77	-0.98	-0.58	146.09	-76.29	67.58	2.22	-106.28
		199	5.10	8.31	-3.57	4.55	0.19	-5.52	277.06	-79.18	-30.21	228.09	-122.67
		208	3.64	10.49	-5.57	6.21	-1.29	-7.10	187.41	-60.42	-59.92	186.91	-11.08
114	7	208	6.25	14.32	-9.88	7.89	-3.45	-10.69	313.91	-112.82	-112.80	313.89	-3.04
		199	7.47	9.12	-6.22	4.93	-2.03	-6.83	425.72	-112.58	-73.93	387.07	-138.95
		201	9.90	-9.24	-24.98	-24.65	-9.57	2.23	523.29	-178.26	-177.00	522.02	-29.74
		210	9.26	-1.77	-23.03	-16.50	-8.30	-9.81	471.80	-205.16	-204.84	471.49	14.54
114	31	208	4.62	10.48	-7.39	5.77	-2.69	-7.87	231.38	-83.19	-83.18	231.37	-1.59
		199	5.49	6.56	-4.62	3.55	-1.62	-4.95	313.05	-82.72	-54.57	284.90	-101.73
		201	7.29	-6.90	-18.50	-18.23	-7.16	1.74	385.32	-131.37	-130.46	384.41	-21.66
		210	6.82	-1.44	-17.03	-12.20	-6.27	-7.21	347.91	-151.27	-151.03	347.67	10.97
114	37	208	4.02	8.81	-6.77	4.85	-2.81	-6.78	200.40	-72.18	-72.17	200.40	0.72
		199	4.68	5.15	-4.13	2.81	-1.79	-4.03	268.74	-70.80	-47.50	245.44	-85.84
		201	6.29	-6.22	-16.33	-15.99	-6.56	1.82	332.45	-113.70	-112.98	331.73	-17.93
		210	5.89	-1.66	-14.94	-10.67	-5.93	-6.20	301.81	-131.16	-130.92	301.57	10.30
115	7	210	9.08	-4.53	-23.59	-17.04	-11.08	-9.05	470.06	-204.53	-203.34	468.88	28.25
		201	9.58	-12.68	-25.08	-23.99	-13.77	3.51	517.49	-175.42	-175.24	517.31	-11.19
		202	9.00	-19.11	-38.27	-29.31	-28.07	9.56	450.30	-205.73	-201.99	446.56	49.38
		211	8.85	-17.29	-28.73	-24.21	-21.81	-5.60	429.37	-223.61	-222.73	428.50	23.89
115	31	210	6.69	-3.55	-17.49	-12.62	-8.42	-6.65	346.64	-150.80	-149.91	345.75	21.05
		201	7.05	-9.49	-18.64	-17.76	-10.37	2.70	381.07	-129.29	-129.16	380.94	-8.02
		202	6.64	-14.12	-28.45	-21.65	-20.91	7.16	331.71	-151.59	-148.86	328.98	36.19
		211	6.54	-12.94	-21.28	-17.88	-16.34	-4.10	316.69	-164.81	-164.18	316.06	17.38
115	37	210	5.81	-3.72	-15.46	-11.10	-8.09	-5.68	300.73	-130.76	-129.93	299.90	18.95
		201	6.06	-8.65	-16.66	-15.63	-9.68	2.68	328.84	-111.93	-111.85	328.75	-6.22
		202	5.77	-12.31	-25.42	-18.91	-18.82	6.56	286.62	-131.10	-128.84	284.35	30.66
		211	5.71	-11.80	-18.79	-15.59	-15.00	-3.48	274.93	-142.69	-142.20	274.44	14.31
116	7	211	8.88	-19.37	-29.81	-24.28	-24.89	-5.21	423.11	-220.14	-218.09	421.05	36.29
		202	9.07	-20.45	-40.25	-28.59	-32.11	9.74	444.24	-202.42	-196.68	438.50	60.64
		203	7.05	-19.57	-49.74	-23.97	-45.33	10.65	263.46	-200.90	-187.64	250.20	77.33
		212	6.69	-21.39	-36.74	-21.75	-36.38	-2.34	246.39	-199.53	-197.90	244.76	26.88
116	31	211	6.56	-14.49	-22.16	-17.95	-18.71	-3.81	312.07	-162.25	-160.76	310.58	26.51
		202	6.70	-15.13	-30.00	-21.14	-24.00	7.30	327.24	-149.14	-144.95	323.05	44.48
		203	5.21	-14.43	-37.03	-17.71	-33.75	7.96	194.02	-147.87	-138.26	184.42	56.49
		212	4.95	-15.81	-27.44	-16.06	-27.19	-1.70	181.75	-146.97	-145.84	180.62	19.27
116	37	211	5.74	-13.21	-19.85	-15.71	-17.35	-3.22	270.92	-140.46	-139.26	269.72	22.21
		202	5.83	-13.28	-27.07	-18.52	-21.83	6.69	282.77	-128.99	-125.49	279.27	37.82
		203	4.55	-12.51	-33.25	-15.46	-30.30	7.25	167.50	-127.37	-119.58	159.71	47.28
		212	4.35	-13.82	-24.94	-14.00	-24.76	-1.40	157.90	-126.98	-126.20	157.11	14.93
117	7	212	6.75	-21.67	-39.69	-22.00	-39.35	-2.43	241.67	-197.62	-194.63	238.68	36.09
		203	7.13	-20.08	-52.69	-23.72	-49.04	10.27	259.43	-199.00	-182.62	243.05	85.10
		204	4.32	-15.85	-60.13	-17.67	-58.31	8.78	33.68	-200.23	-164.73	-1.81	83.92
		213	3.60	-17.01	-48.15	-17.03	-48.13	-0.66	2.64	-172.23	-166.69	-2.89	30.61

117	31	212	4.99	-16.03	-29.71	-16.26	-29.48	-1.77	178.27	-145.56	-143.45	176.16	26.06
		203	5.27	-14.83	-39.30	-17.54	-36.59	7.68	191.05	-146.47	-134.58	179.17	62.22
		204	3.19	-11.70	-44.79	-13.06	-43.42	6.57	24.49	-147.05	-121.35	-1.21	61.22
		213	2.67	-12.57	-35.97	-12.58	-35.96	-0.47	1.88	-126.66	-122.82	-1.97	21.89
117	37	212	4.39	-14.07	-27.21	-14.23	-27.04	-1.46	154.87	-125.75	-124.19	153.31	20.83
		203	4.61	-12.92	-35.54	-15.36	-33.10	7.01	164.93	-126.16	-116.46	155.23	52.24
		204	2.76	-10.18	-40.28	-11.43	-39.03	6.02	20.13	-125.62	-104.84	-0.65	50.96
		213	2.37	-11.00	-32.71	-11.00	-32.70	-0.35	1.44	-108.82	-106.20	-1.18	16.80
118	8	213	3.66	-17.46	-51.07	-17.50	-51.03	-1.21	-0.20	-171.84	-164.66	-7.38	34.36
		204	4.40	-16.36	-63.23	-17.77	-61.82	8.01	31.50	-199.95	-160.45	-8.00	87.08
		205	6.98	-13.17	-67.69	-13.83	-67.03	5.98	-108.27	-309.98	-145.85	-272.40	78.54
		214	6.00	-13.73	-56.31	-13.73	-56.31	-0.10	-135.44	-274.98	-142.74	-267.68	31.08
118	32	213	2.72	-12.92	-38.22	-12.95	-38.19	-0.88	-0.23	-126.37	-121.35	-5.25	24.66
		204	3.24	-12.10	-47.18	-13.15	-46.12	6.00	22.88	-146.84	-118.21	-5.75	63.55
		205	5.16	-9.75	-50.45	-10.25	-49.95	4.49	-80.15	-227.79	-107.41	-200.53	57.29
		214	4.44	-10.18	-42.09	-10.18	-42.09	-0.06	-100.06	-202.30	-105.17	-197.19	22.29
118	37	213	2.42	-11.35	-34.96	-11.38	-34.94	-0.72	-0.37	-108.54	-105.01	-3.90	19.22
		204	2.83	-10.59	-42.68	-11.56	-41.70	5.51	18.75	-125.42	-102.20	-4.46	52.99
		205	4.53	-8.57	-45.49	-9.05	-45.01	4.16	-70.51	-195.04	-92.70	-172.84	47.66
		214	3.92	-8.98	-38.32	-8.98	-38.32	-0.03	-87.32	-173.97	-90.92	-170.37	17.29
119	8	214	6.17	-14.33	-59.21	-14.36	-59.18	-1.12	-135.02	-277.80	-140.99	-271.83	28.59
		205	7.16	-13.78	-70.81	-14.22	-70.36	5.03	-108.00	-312.42	-142.08	-278.34	76.19
		206	10.66	-13.12	-72.42	-13.32	-72.22	3.41	-128.32	-540.78	-136.45	-532.65	57.35
		215	9.80	-12.74	-61.47	-12.74	-61.47	0.42	-129.32	-517.48	-130.75	-516.06	23.49
119	32	214	4.57	-10.64	-44.32	-10.66	-44.30	-0.83	-99.74	-204.39	-103.90	-200.22	20.46
		205	5.30	-10.22	-52.85	-10.55	-52.51	3.79	-79.95	-229.60	-104.65	-204.89	55.56
		206	7.88	-9.76	-54.02	-9.91	-53.87	2.57	-94.59	-398.11	-100.48	-392.22	41.86
		215	7.25	-9.48	-45.98	-9.49	-45.98	0.31	-95.34	-381.31	-96.34	-380.31	16.91
119	37	214	4.05	-9.45	-40.56	-9.46	-40.54	-0.74	-87.04	-175.80	-89.92	-172.92	15.72
		205	4.66	-9.04	-47.90	-9.37	-47.57	3.54	-70.32	-196.62	-90.40	-176.54	46.18
		206	6.90	-8.73	-48.85	-8.87	-48.71	2.40	-81.91	-343.15	-86.67	-338.39	34.95
		215	6.38	-8.51	-41.97	-8.52	-41.97	0.28	-82.62	-329.81	-83.34	-329.09	13.32
120	8	215	9.97	-13.38	-64.46	-13.48	-64.36	-2.20	-128.97	-520.67	-129.53	-520.11	14.80
		206	10.86	-13.82	-75.54	-14.04	-75.32	3.67	-128.12	-544.06	-133.64	-538.54	47.60
		207	13.66	-14.96	-75.22	-14.97	-75.21	0.68	-145.63	-741.61	-145.88	-741.36	12.21
		216	12.72	-12.80	-65.13	-13.05	-64.88	3.63	-138.75	-707.49	-138.83	-707.41	6.90
120	32	215	7.39	-9.97	-48.28	-10.05	-48.21	-1.68	-95.08	-383.66	-95.47	-383.28	10.52
		206	8.03	-10.29	-56.43	-10.46	-56.26	2.80	-94.43	-400.53	-98.42	-396.55	34.70
		207	10.09	-11.17	-56.17	-11.18	-56.17	0.46	-107.23	-546.08	-107.42	-545.90	8.95
		216	9.41	-9.58	-48.76	-9.77	-48.57	2.74	-102.26	-521.43	-102.32	-521.37	5.04
120	37	215	6.51	-8.99	-44.29	-9.06	-44.21	-1.64	-82.39	-331.86	-82.64	-331.61	7.86
		206	7.05	-9.23	-51.28	-9.41	-51.10	2.73	-81.76	-345.27	-84.95	-342.08	28.82
		207	8.82	-10.13	-50.97	-10.14	-50.97	0.26	-92.50	-471.11	-92.66	-470.96	7.58
		216	8.26	-8.76	-44.66	-8.95	-44.47	2.58	-88.51	-451.35	-88.56	-451.31	4.21
121	7	218	3.06	35.77	-2.09	35.67	-2.00	-1.90	76.35	-95.76	-9.58	-9.84	86.06
		209	2.97	46.91	-1.10	46.91	-1.10	0.26	50.56	-28.93	27.04	-5.40	-36.28
		208	5.59	14.25	-5.96	8.99	-0.70	-8.87	295.39	-94.16	-92.56	293.78	-24.95
		217	7.82	13.85	-10.53	5.25	-1.93	-11.65	360.00	-168.37	-125.78	317.41	143.84
121	31	218	2.27	26.36	-1.60	26.28	-1.53	-1.42	56.90	-71.18	-7.00	-7.28	64.04
		209	2.18	34.51	-0.85	34.51	-0.85	0.24	36.68	-20.86	19.83	-4.01	-26.19
		208	4.12	10.39	-4.36	6.57	-0.54	-6.46	217.63	-69.37	-68.29	216.55	-17.60
		217	5.79	10.18	-7.81	3.85	-1.48	-8.59	266.20	-124.60	-92.76	234.35	106.92
121	37	218	2.01	22.81	-1.58	22.74	-1.50	-1.31	51.30	-63.59	-5.88	-6.41	57.44
		209	1.86	29.67	-0.84	29.66	-0.84	0.35	29.89	-16.60	16.85	-3.57	-20.88
		208	3.57	8.63	-3.67	5.52	-0.56	-5.35	188.22	-60.00	-59.35	187.57	-12.66
		217	5.08	8.72	-6.92	3.28	-1.48	-7.45	233.31	-109.53	-80.47	204.25	95.50
122	7	217	8.09	11.88	-12.72	3.38	-4.22	-11.70	375.08	-174.77	-142.33	342.64	129.55
		208	6.14	11.36	-7.26	6.89	-2.79	-7.96	313.65	-112.25	-112.19	313.59	-4.84
		210	9.30	-3.85	-21.07	-17.32	-7.60	-7.11	471.33	-205.21	-204.83	470.94	16.23
		219	10.25	4.94	-29.00	-14.98	-9.08	-16.71	524.04	-230.03	-226.04	520.05	54.70
122	31	217	5.98	8.67	-9.48	2.45	-3.26	-8.61	277.21	-129.18	-104.95	252.98	96.23
		208	4.53	8.22	-5.39	5.01	-2.19	-5.78	231.16	-82.76	-82.74	231.13	-2.92
		210	6.86	-3.03	-15.53	-12.82	-5.73	-5.15	347.56	-151.31	-151.01	347.26	12.21
		219	7.58	3.52	-21.46	-11.08	-6.86	-12.31	387.00	-169.69	-166.72	384.03	40.56
122	37	217	5.25	7.23	-8.54	2.00	-3.31	-7.43	242.49	-113.06	-91.03	220.46	85.72
		208	3.94	6.61	-4.80	4.11	-2.31	-4.71	200.13	-71.79	-71.79	200.13	-0.44
		210	5.93	-3.24	-13.42	-11.29	-5.37	-4.15	301.49	-131.21	-130.91	301.19	11.38
		219	6.62	2.67	-18.86	-9.72	-6.47	-10.64	337.55	-147.39	-144.72	334.88	35.90
123	7	219	10.30	2.59	-30.25	-15.82	-11.84	-16.30	521.67	-225.91	-220.46	516.22	63.57
		210	9.12	-7.04	-21.41	-17.78	-10.66	-6.24	468.96	-204.73	-203.46	467.69	29.27
		211	8.79	-19.52	-26.54	-24.78	-21.28	-3.04	429.53	-224.18	-223.21	428.56	25.18
		220	9.37	-5.12	-35.83	-19.97	-20.99	-15.35	459.85	-220.42	-220.24	459.67	-11.33
123	31	219	7.62	1.73	-22.43	-11.72	-8.99	-12.00	385.24	-166.63	-162.58	381.20	47.07
		210	6.72	-5.47	-15.80	-13.18	-8.09	-4.49	345.82	-150.96	-150.00	344.86	21.80
		211	6.49	-14.67	-19.57	-18.32	-15.93	-2.14	316.80	-165.23	-164.53	316.10	18.33
		220	6.93	-3.94	-26.57	-14.75	-15.76	-11.30	339.61	-162.52	-162.37	339.46	-8.65
123	37	219	6.67	0.92	-19.86	-10.33	-8.61	-10.35	336.00	-144.69	-141.08	332.39	41.48

		210	5.80	-5.65	-13.75	-11.65	-7.75	-3.55	299.99	-130.90	-130.01	299.10	19.60
		211	5.66	-13.61	-16.99	-16.03	-14.57	-1.52	275.03	-143.07	-142.52	274.48	15.14
		220	6.07	-3.92	-23.53	-12.89	-14.56	-9.77	296.26	-140.89	-140.73	296.09	-8.46
124	7	220	9.36	-7.13	-37.11	-20.61	-23.63	-14.91	451.72	-215.35	-215.33	451.71	2.92
		211	8.82	-22.10	-27.30	-24.78	-24.61	-2.60	422.99	-220.79	-218.64	420.85	37.07
		212	6.64	-22.18	-35.90	-22.19	-35.90	0.12	246.80	-199.83	-198.21	245.17	26.92
		221	6.55	-12.02	-38.17	-17.69	-32.49	-10.78	255.45	-184.59	-182.42	253.28	-30.80
124	31	220	6.92	-5.46	-27.57	-15.24	-17.79	-10.98	333.60	-158.76	-158.76	333.59	1.86
		211	6.52	-16.60	-20.22	-18.33	-18.49	-1.81	311.98	-162.73	-161.17	310.43	27.09
		212	4.91	-16.39	-26.82	-16.40	-26.82	0.19	182.06	-147.20	-146.06	180.92	19.30
		221	4.85	-8.98	-28.45	-13.07	-24.35	-7.93	188.80	-136.11	-134.43	187.12	-23.31
124	37	220	6.07	-5.39	-24.61	-13.37	-16.62	-9.47	291.01	-137.61	-137.61	291.01	0.67
		211	5.70	-15.28	-17.93	-16.09	-17.12	-1.22	270.85	-140.89	-139.63	269.59	22.72
		212	4.31	-14.32	-24.40	-14.34	-24.37	0.50	158.17	-127.19	-126.40	157.38	14.96
		221	4.28	-8.13	-25.66	-11.41	-22.38	-6.84	165.19	-118.08	-116.33	163.45	-22.15
125	7	221	6.59	-13.17	-40.29	-18.45	-35.00	-10.74	250.31	-182.59	-181.67	249.39	-19.95
		212	6.70	-22.36	-39.15	-22.36	-39.15	0.07	241.91	-197.93	-194.96	238.94	36.03
		213	3.52	-17.26	-47.82	-17.36	-47.71	1.81	2.77	-172.09	-166.72	-2.61	30.19
		222	3.09	-12.73	-42.81	-14.15	-41.38	-6.39	-0.25	-155.72	-151.17	-4.80	-26.20
125	31	221	4.89	-9.84	-30.10	-13.65	-26.29	-7.91	185.00	-134.64	-133.90	184.27	-15.30
		212	4.96	-16.54	-29.32	-16.54	-29.32	0.15	178.45	-145.80	-143.70	176.35	26.02
		213	2.61	-12.75	-35.73	-12.84	-35.64	1.43	1.97	-126.57	-122.84	-1.76	21.58
		222	2.30	-9.44	-32.04	-10.46	-31.01	-4.70	0.24	-114.98	-111.39	-3.35	-20.02
125	37	221	4.32	-8.95	-27.38	-11.97	-24.36	-6.82	161.87	-116.78	-115.95	161.04	-15.18
		212	4.36	-14.49	-26.89	-14.51	-26.88	0.47	155.03	-125.96	-124.42	153.48	20.79
		213	2.32	-11.15	-32.48	-11.27	-32.37	1.56	1.54	-108.76	-106.22	-0.99	16.53
		222	2.08	-8.36	-29.31	-9.17	-28.50	-4.03	1.65	-100.31	-96.37	-2.29	-19.64
126	8	222	3.16	-13.41	-45.47	-14.93	-43.96	-6.80	-3.09	-155.23	-151.91	-6.40	-22.21
		213	3.59	-17.70	-50.94	-17.75	-50.89	1.32	-0.13	-171.71	-164.72	-7.13	33.93
		214	6.01	-13.83	-56.11	-13.96	-55.98	2.36	-135.56	-274.59	-142.67	-267.48	30.63
		223	5.68	-11.44	-47.99	-11.72	-47.71	-3.20	-130.81	-274.08	-132.98	-271.90	-17.53
126	32	222	2.36	-9.97	-34.09	-11.05	-33.00	-5.00	-1.85	-114.62	-111.97	-4.50	-17.07
		213	2.67	-13.10	-38.13	-13.14	-38.08	1.07	-0.17	-126.28	-121.39	-5.06	24.35
		214	4.45	-10.25	-41.94	-10.36	-41.83	1.83	-100.14	-202.01	-105.12	-197.04	21.95
		223	4.22	-8.49	-35.97	-8.69	-35.77	-2.35	-96.26	-202.22	-98.02	-200.45	-13.57
126	37	222	2.14	-8.88	-31.38	-9.73	-30.52	-4.31	-0.14	-99.97	-96.96	-3.15	-17.06
		213	2.38	-11.51	-34.89	-11.57	-34.82	1.23	-0.31	-108.48	-105.05	-3.73	18.94
		214	3.93	-9.05	-38.18	-9.17	-38.06	1.87	-87.39	-173.73	-90.88	-170.25	17.00
		223	3.75	-7.55	-33.09	-7.70	-32.93	-1.99	-82.79	-175.79	-84.90	-173.68	-13.84
127	8	223	5.84	-12.05	-50.83	-12.48	-50.40	-4.04	-130.64	-276.35	-133.58	-273.41	-20.49
		214	6.19	-14.45	-59.16	-14.51	-59.10	1.68	-135.15	-277.41	-140.95	-271.61	28.15
		215	9.80	-12.73	-61.40	-12.85	-61.29	2.38	-129.31	-517.30	-130.71	-515.90	23.27
		224	9.44	-10.92	-52.06	-10.93	-52.05	-0.72	-127.85	-521.81	-128.09	-521.57	-9.83
127	32	223	4.34	-8.96	-38.16	-9.27	-37.85	-2.98	-96.14	-203.89	-98.49	-201.54	-15.75
		214	4.59	-10.72	-44.29	-10.77	-44.24	1.33	-99.83	-204.10	-103.88	-200.06	20.13
		215	7.25	-9.48	-45.93	-9.57	-45.84	1.82	-95.33	-381.18	-96.32	-380.19	16.74
		224	7.00	-8.15	-39.07	-8.16	-39.06	-0.51	-94.26	-384.91	-94.46	-384.71	-7.67
127	37	223	3.87	-8.01	-35.28	-8.26	-35.04	-2.58	-82.70	-177.24	-85.40	-174.54	-15.73
		214	4.06	-9.52	-40.54	-9.58	-40.48	1.43	-87.11	-175.56	-89.89	-172.78	15.43
		215	6.37	-8.51	-41.93	-8.60	-41.83	1.79	-82.61	-329.69	-83.31	-328.99	13.18
		224	6.18	-7.37	-36.06	-7.38	-36.06	-0.40	-81.71	-334.24	-81.96	-333.99	-8.00
128	8	224	9.62	-11.44	-55.10	-11.66	-54.88	-3.08	-127.67	-524.71	-128.46	-523.91	-17.75
		215	9.99	-13.41	-64.47	-13.57	-64.30	2.87	-128.97	-520.49	-129.52	-519.95	14.62
		216	12.72	-12.95	-64.93	-12.96	-64.91	0.79	-138.75	-707.48	-138.83	-707.40	6.92
		225	12.44	-10.88	-55.55	-11.12	-55.31	3.29	-141.28	-719.31	-141.28	-719.30	2.03
128	32	224	7.14	-8.54	-41.40	-8.71	-41.24	-2.31	-94.13	-387.04	-94.75	-386.42	-13.49
		215	7.39	-9.99	-48.29	-10.12	-48.16	2.22	-95.08	-383.53	-95.45	-383.16	10.38
		216	9.41	-9.69	-48.61	-9.70	-48.60	0.55	-102.26	-521.42	-102.32	-521.36	5.05
		225	9.21	-8.16	-41.72	-8.35	-41.54	2.50	-104.22	-530.66	-104.23	-530.65	1.45
128	37	224	6.31	-7.76	-38.40	-7.91	-38.25	-2.15	-81.60	-336.10	-82.27	-335.43	-13.00
		215	6.51	-8.99	-44.31	-9.14	-44.16	2.26	-82.38	-331.75	-82.62	-331.51	7.74
		216	8.25	-8.87	-44.50	-8.87	-44.50	0.40	-88.51	-451.34	-88.56	-451.29	4.22
		225	8.11	-7.54	-38.64	-7.73	-38.45	2.42	-90.54	-461.04	-90.55	-461.03	1.10
129	7	227	6.48	25.35	-2.70	25.33	-2.68	-0.81	234.05	-245.81	-10.62	-1.13	239.88
		218	2.83	34.75	-0.40	34.72	-0.37	1.02	67.20	-94.93	-7.81	-19.91	80.84
		217	7.69	11.28	-8.33	4.65	-1.70	-9.28	362.84	-166.20	-124.23	320.87	142.98
		226	12.88	10.55	-17.14	-4.71	-1.88	-13.77	602.14	-307.91	-156.42	450.65	338.99
129	31	227	4.80	18.72	-2.05	18.70	-2.03	-0.62	173.49	-181.95	-7.62	-0.84	177.69
		218	2.10	25.58	-0.33	25.56	-0.30	0.80	50.14	-70.57	-5.70	-14.74	60.19
		217	5.68	8.20	-6.10	3.39	-1.29	-6.76	268.30	-123.00	-91.61	236.91	106.29
		226	9.53	7.75	-12.68	-3.49	-1.44	-10.16	445.52	-227.75	-115.36	333.13	251.08
129	37	227	4.23	16.34	-1.97	16.32	-1.95	-0.61	153.39	-160.07	-5.93	-0.74	156.71
		218	1.87	22.07	-0.39	22.04	-0.36	0.85	45.38	-63.07	-4.74	-12.96	54.07
		217	4.97	6.74	-5.16	2.80	-1.22	-5.60	235.13	-108.13	-79.47	206.47	94.95
		226	8.37	6.61	-11.12	-3.07	-1.44	-8.83	391.33	-199.84	-100.13	291.62	221.37
130	7	226	12.72	8.43	-21.49	-6.58	-6.48	-14.96	612.93	-274.41	-171.88	510.40	283.67
		217	7.66	9.28	-9.15	2.73	-2.60	-8.82	360.32	-174.80	-143.31	328.83	125.95

		219	10.21	2.40	-27.05	-16.02	-8.63	-14.26	527.53	-230.49	-225.68	522.73	60.17
		228	13.08	9.08	-39.49	-17.00	-13.40	-24.22	689.75	-243.53	-239.73	685.95	59.43
130	31	226	9.41	6.12	-15.94	-4.89	-4.93	-11.03	453.37	-202.84	-126.78	377.31	210.07
		217	5.66	6.67	-6.76	1.95	-2.05	-6.41	266.28	-129.21	-105.68	242.75	93.56
		219	7.54	1.58	-19.95	-11.87	-6.50	-10.42	389.58	-170.03	-166.45	386.00	44.60
		228	9.67	6.59	-29.23	-12.58	-10.06	-17.87	509.87	-179.70	-176.88	507.05	43.97
130	37	226	8.26	4.99	-14.12	-4.36	-4.77	-9.56	397.80	-177.54	-110.07	330.33	185.11
		217	4.95	5.24	-5.92	1.50	-2.18	-5.26	232.87	-113.09	-91.67	211.45	83.38
		219	6.58	0.74	-17.30	-10.48	-6.08	-8.75	339.81	-147.70	-144.49	336.59	39.44
		228	8.47	5.38	-25.73	-11.05	-9.30	-15.53	446.31	-156.25	-153.76	443.83	38.63
131	7	228	13.01	6.82	-41.81	-17.73	-17.26	-24.31	682.64	-224.99	-219.60	677.25	69.74
		219	10.13	0.20	-27.43	-16.59	-10.64	-13.49	517.52	-229.55	-223.89	511.87	64.74
		220	9.36	-7.65	-33.72	-20.84	-20.53	-13.04	463.56	-220.77	-220.63	463.43	-9.54
		229	10.38	2.79	-43.33	-15.09	-25.45	-22.47	539.43	-189.63	-182.13	531.94	-73.53
131	31	228	9.62	4.87	-31.00	-13.13	-13.00	-17.93	504.61	-165.98	-161.99	500.62	51.57
		219	7.49	-0.12	-20.27	-12.30	-8.08	-9.85	382.17	-169.33	-165.13	377.97	47.94
		220	6.92	-5.89	-24.93	-15.42	-15.40	-9.52	342.35	-162.77	-162.66	342.25	-7.33
		229	7.68	1.93	-32.16	-11.16	-19.07	-16.58	398.78	-139.86	-134.25	393.18	-54.65
131	37	228	8.44	3.71	-27.44	-11.58	-12.15	-15.57	441.69	-144.20	-140.69	438.18	45.21
		219	6.54	-0.96	-17.71	-10.90	-7.77	-8.22	333.29	-147.06	-143.32	329.54	42.23
		220	6.06	-5.88	-21.82	-13.53	-14.17	-7.96	298.66	-141.11	-140.99	298.54	-7.31
		229	6.75	1.27	-28.57	-9.77	-17.53	-14.41	349.19	-121.40	-116.29	344.07	-48.78
132	7	229	10.31	0.85	-44.98	-16.41	-27.72	-22.21	528.21	-181.06	-177.15	524.30	-52.55
		220	9.31	-9.75	-34.53	-21.19	-23.09	-12.35	452.61	-217.24	-217.23	452.59	3.11
		221	6.53	-14.29	-36.04	-18.22	-32.11	-8.37	257.13	-184.32	-182.12	254.93	-31.11
		230	6.57	-3.32	-41.15	-11.80	-32.67	-15.78	287.55	-156.67	-136.22	267.09	-93.10
132	31	229	7.63	0.45	-33.44	-12.15	-20.84	-16.38	390.49	-133.52	-130.58	387.55	-39.15
		220	6.89	-7.49	-25.59	-15.69	-17.38	-9.01	334.26	-160.17	-160.16	334.25	2.00
		221	4.84	-10.70	-26.82	-13.47	-24.05	-6.08	190.05	-135.92	-134.21	188.34	-23.54
		230	4.88	-2.56	-30.68	-8.72	-24.52	-11.63	212.83	-115.68	-100.34	197.49	-69.32
132	37	229	6.72	-0.15	-29.89	-10.68	-19.36	-14.22	341.91	-115.83	-113.10	339.18	-35.24
		220	6.04	-7.41	-22.62	-13.81	-16.22	-7.51	291.58	-138.84	-138.84	291.58	0.79
		221	4.27	-9.80	-24.07	-11.81	-22.06	-4.97	166.28	-117.91	-116.14	164.51	-22.36
		230	4.33	-2.55	-27.69	-7.62	-22.63	-10.08	187.21	-100.85	-86.68	173.04	-62.29
133	7	230	6.63	-4.71	-43.12	-13.08	-34.75	-15.86	283.09	-154.69	-139.27	267.68	-80.69
		221	6.58	-15.32	-38.30	-18.81	-34.81	-8.25	251.28	-182.88	-181.91	250.31	-20.49
		222	3.08	-13.91	-41.62	-14.47	-41.06	-3.90	0.40	-155.62	-150.90	-4.33	-26.74
		231	3.59	-6.46	-40.20	-9.44	-37.22	-9.58	30.43	-160.00	-118.01	-11.56	-78.95
133	31	230	4.92	-3.61	-32.21	-9.68	-26.14	-11.70	209.54	-114.21	-102.62	197.95	-60.15
		221	4.88	-11.48	-28.59	-13.92	-26.15	-5.99	185.72	-134.85	-134.08	184.95	-15.70
		222	2.30	-10.33	-31.14	-10.71	-30.76	-2.78	0.73	-114.92	-111.19	-3.00	-20.42
		231	2.67	-4.83	-30.12	-6.98	-27.97	-7.05	23.21	-118.49	-86.95	-8.33	-58.95
133	37	230	4.38	-3.56	-29.27	-8.51	-24.32	-10.14	184.32	-99.54	-88.76	173.53	-54.28
		221	4.31	-10.50	-25.95	-12.25	-24.20	-4.89	162.51	-116.98	-116.11	161.64	-15.53
		222	2.08	-9.19	-28.46	-9.42	-28.23	-2.10	2.09	-100.26	-96.20	-1.98	-19.99
		231	2.38	-4.41	-27.67	-6.13	-25.96	-6.08	22.66	-104.44	-75.20	-6.58	-53.49
134	8	231	3.61	-7.34	-42.67	-10.45	-39.57	-10.01	28.60	-159.46	-121.56	-9.30	-75.44
		222	3.16	-14.53	-44.52	-15.14	-43.90	-4.25	-2.51	-155.32	-151.84	-5.99	-22.80
		223	5.65	-11.91	-47.46	-11.92	-47.45	-0.72	-130.69	-274.17	-133.00	-271.87	-18.02
		232	5.92	-7.45	-41.44	-8.17	-40.71	-4.91	-97.74	-305.83	-116.88	-286.68	-60.15
134	32	231	2.68	-5.51	-32.03	-7.74	-29.79	-7.37	21.87	-118.09	-89.61	-6.62	-56.35
		222	2.36	-10.80	-33.38	-11.22	-32.96	-3.04	-1.42	-114.69	-111.92	-4.19	-17.51
		223	4.19	-8.85	-35.58	-8.85	-35.57	-0.43	-96.17	-202.29	-98.03	-200.43	-13.93
		232	4.40	-5.55	-31.16	-6.07	-30.64	-3.60	-71.71	-226.00	-86.20	-211.51	-45.01
134	37	231	2.40	-5.05	-29.61	-6.84	-27.83	-6.38	21.52	-104.06	-77.61	-4.94	-51.21
		222	2.14	-9.65	-30.73	-9.91	-30.46	-2.34	0.25	-100.05	-96.92	-2.88	-17.44
		223	3.72	-7.87	-32.72	-7.87	-32.72	-0.07	-82.70	-175.88	-84.90	-173.67	-14.16
		232	3.93	-5.01	-28.98	-5.41	-28.58	-3.06	-61.01	-197.59	-74.81	-183.79	-41.15
135	8	232	6.06	-8.08	-44.21	-8.99	-43.30	-5.67	-97.77	-306.92	-119.68	-285.01	-64.05
		223	5.81	-12.56	-50.44	-12.60	-50.40	-1.24	-130.58	-276.49	-133.67	-273.40	-21.00
		224	9.43	-10.99	-51.96	-11.03	-51.92	1.28	-127.95	-522.09	-128.21	-521.83	-10.11
		233	9.54	-8.13	-43.63	-8.18	-43.58	-1.31	-124.86	-552.94	-128.45	-549.34	-39.07
135	32	232	4.51	-6.04	-33.30	-6.69	-32.64	-4.17	-71.74	-226.81	-88.30	-210.25	-47.89
		223	4.32	-9.34	-37.87	-9.36	-37.85	-0.82	-96.09	-204.00	-98.56	-201.53	-16.13
		224	6.99	-8.20	-38.99	-8.23	-38.96	1.03	-94.34	-385.11	-94.55	-384.90	-7.87
		233	7.07	-6.09	-32.88	-6.12	-32.85	-0.93	-92.09	-408.27	-94.82	-405.54	-29.24
135	37	232	4.03	-5.48	-31.12	-6.00	-30.61	-3.60	-61.04	-198.29	-76.72	-182.60	-43.66
		223	3.84	-8.36	-35.03	-8.36	-35.02	-0.42	-82.64	-177.34	-85.45	-174.54	-16.06
		224	6.17	-7.41	-35.99	-7.46	-35.95	1.15	-81.77	-334.43	-82.04	-334.16	-8.18
		233	6.26	-5.58	-30.78	-5.60	-30.76	-0.71	-79.92	-355.82	-82.54	-353.20	-26.76
136	8	233	9.72	-8.54	-46.70	-8.85	-46.38	-3.48	-125.06	-555.35	-130.27	-550.15	-47.03
		224	9.60	-11.65	-54.96	-11.74	-54.87	1.93	-127.77	-525.04	-128.58	-524.22	-18.00
		225	12.44	-11.02	-55.38	-11.03	-55.38	0.54	-141.29	-719.42	-141.30	-719.41	2.05
		234	12.81	-8.96	-46.40	-9.24	-46.13	3.19	-153.29	-777.12	-153.31	-777.11	-2.64
136	32	233	7.21	-6.40	-35.23	-6.64	-35.00	-2.59	-92.24	-410.05	-96.17	-406.12	-35.10
		224	7.12	-8.70	-41.31	-8.77	-41.24	1.54	-94.21	-387.29	-94.84	-386.65	-13.67
		225	9.21	-8.28	-41.59	-8.28	-41.59	0.39	-104.24	-530.74	-104.24	-530.74	1.47

136	37	234	9.49	-6.76	-35.01	-6.97	-34.79	2.45	-113.20	-573.85	-113.21	-573.84	-2.00
		233	6.40	-5.91	-33.13	-6.11	-32.92	-2.34	-80.07	-357.36	-83.77	-353.67	-31.81
		224	6.29	-7.89	-38.33	-7.98	-38.24	1.71	-81.66	-336.31	-82.35	-335.63	-13.16
137	7	225	8.11	-7.66	-38.50	-7.66	-38.50	0.31	-90.55	-461.10	-90.56	-461.10	1.11
		234	8.38	-6.33	-32.90	-6.55	-32.68	2.42	-98.69	-500.32	-98.69	-500.31	-1.90
		236	14.91	14.80	-11.53	14.80	-11.53	0.19	659.12	-468.63	8.99	181.49	557.24
137	31	227	6.04	25.04	5.24	24.81	5.47	2.12	150.86	-279.61	-6.56	-122.19	207.32
		226	13.99	5.49	-17.63	-5.22	-6.92	-11.53	681.16	-306.88	-144.55	518.83	366.12
		235	20.78	11.88	-35.56	-23.59	-0.09	-20.61	1013.18	-489.26	-232.85	756.76	565.25
137	37	236	11.04	10.99	-8.59	10.99	-8.58	0.12	487.90	-346.63	6.99	134.28	412.39
		227	4.48	18.48	3.84	18.30	4.02	1.61	111.97	-206.99	-4.62	-90.40	153.60
		226	10.34	3.93	-12.97	-3.89	-5.15	-8.43	503.98	-227.00	-106.59	383.57	271.14
137	37	235	15.37	8.74	-26.28	-17.43	-0.11	-15.22	749.66	-361.79	-171.87	559.74	418.35
		236	9.71	9.79	-7.70	9.79	-7.70	0.03	429.28	-304.13	7.24	117.90	362.50
		227	3.97	16.09	3.25	15.89	3.44	1.56	99.48	-182.16	-3.30	-79.38	135.58
138	7	226	9.06	3.03	-11.15	-3.51	-4.61	-7.07	442.64	-199.18	-92.44	335.91	238.98
		235	13.50	7.49	-23.00	-15.24	-0.26	-13.28	658.52	-317.10	-149.64	491.06	367.88
		235	22.62	5.09	-50.81	-24.21	-21.51	-27.92	1180.93	-352.10	-192.30	1021.12	468.45
138	31	226	11.27	8.00	-13.92	-6.70	0.78	-10.30	532.69	-294.19	-197.63	436.13	265.56
		228	13.68	6.48	-41.47	-19.42	-15.57	-23.90	730.05	-233.94	-226.60	722.70	83.83
		237	17.30	10.09	-52.18	-15.37	-26.72	-30.61	966.65	-227.72	-225.37	964.30	-52.86
138	37	235	16.74	3.66	-37.62	-17.91	-16.05	-20.62	873.67	-260.22	-141.87	755.32	346.69
		226	8.33	5.72	-10.26	-5.00	0.46	-7.51	394.00	-217.48	-145.83	322.35	196.67
		228	10.11	4.59	-30.62	-14.39	-11.64	-17.56	539.69	-172.60	-167.16	534.24	62.02
139	7	237	12.80	7.37	-38.67	-11.38	-19.92	-22.62	714.92	-168.07	-166.33	713.18	-39.14
		235	14.70	2.88	-33.12	-15.73	-14.51	-17.99	767.11	-227.61	-123.28	662.78	304.78
		226	7.30	4.39	-8.88	-4.52	0.02	-6.23	345.64	-190.40	-126.80	282.04	173.35
139	31	228	8.85	3.40	-26.71	-12.70	-10.61	-15.02	472.51	-150.03	-145.23	467.71	54.48
		237	11.24	6.15	-34.16	-10.02	-17.98	-19.76	626.99	-146.26	-144.72	625.45	-34.49
		237	17.01	8.03	-59.47	-18.51	-32.93	-32.97	960.42	-153.23	-153.22	960.41	-1.92
139	37	228	12.81	4.83	-37.63	-17.92	-14.88	-21.18	672.65	-241.77	-236.89	667.76	66.67
		229	10.49	0.26	-42.53	-16.59	-25.68	-20.90	552.88	-182.60	-175.52	545.80	-71.81
		238	11.43	7.07	-48.98	-6.78	-35.12	-24.18	634.25	-122.71	-86.28	597.83	-162.00
140	7	237	12.59	5.80	-44.11	-13.72	-24.60	-24.36	710.32	-112.95	-112.95	710.31	-1.47
		228	9.47	3.32	-27.83	-13.29	-11.22	-15.54	497.21	-178.39	-174.78	493.59	49.29
		229	7.76	-0.02	-31.49	-12.28	-19.22	-15.34	408.73	-134.66	-129.36	403.44	-53.38
140	31	238	8.46	5.14	-36.41	-5.02	-26.25	-17.86	469.18	-90.52	-63.45	442.11	-120.07
		237	11.07	4.65	-39.11	-12.10	-22.36	-21.27	622.96	-97.85	-97.85	622.96	-1.45
		228	8.30	2.09	-24.40	-11.78	-10.54	-13.23	435.18	-155.10	-151.92	432.00	43.20
140	37	229	6.82	-0.69	-27.72	-10.82	-17.59	-13.09	357.91	-116.82	-111.99	353.08	-47.67
		238	7.46	4.23	-32.54	-4.39	-23.92	-15.58	411.78	-78.65	-54.49	387.62	-106.14
		238	11.44	4.76	-51.39	-9.65	-36.99	-24.52	629.60	-109.16	-86.41	606.85	-127.64
141	7	229	10.30	-1.54	-42.38	-16.74	-27.18	-19.74	529.92	-183.62	-179.21	525.52	-55.89
		230	6.59	-5.63	-39.32	-12.36	-32.58	-13.47	289.92	-153.83	-133.33	269.42	-93.15
		239	6.66	1.88	-40.69	-4.77	-34.04	-15.45	327.72	-120.53	-64.17	271.36	-148.62
141	31	238	8.48	3.39	-38.26	-7.15	-27.72	-18.11	465.73	-80.49	-63.56	448.80	-94.66
		229	7.62	-1.39	-31.44	-12.41	-20.42	-14.48	391.75	-135.41	-132.11	388.45	-41.62
		230	4.89	-4.33	-29.26	-9.15	-24.43	-9.85	214.59	-113.58	-98.20	199.21	-69.36
141	37	239	4.95	1.32	-30.39	-3.52	-25.56	-11.40	242.75	-89.13	-47.15	200.76	-110.32
		238	7.49	2.58	-34.35	-6.31	-25.46	-15.79	408.73	-69.79	-54.61	393.55	-83.87
		229	6.71	-2.01	-27.90	-10.96	-18.95	-12.32	343.02	-117.51	-114.45	339.96	-37.41
141	7	230	4.34	-4.28	-26.26	-8.04	-22.50	-8.28	188.75	-99.01	-84.81	174.55	-62.32
		239	4.41	0.93	-27.64	-3.06	-23.64	-9.91	214.09	-78.16	-40.36	176.30	-98.07
		239	6.73	0.51	-43.04	-6.49	-36.04	-16.00	325.52	-117.31	-70.17	278.38	-136.58
141	31	230	6.66	-6.90	-41.10	-13.30	-34.70	-13.34	284.66	-154.35	-138.45	268.76	-82.02
		231	3.42	-8.03	-38.72	-9.74	-37.00	-7.05	31.14	-159.58	-117.15	-11.29	-79.33
		240	4.31	-1.40	-35.92	-4.16	-33.16	-9.36	72.42	-170.71	-71.09	-207.20	-119.57
141	37	239	5.00	0.28	-32.21	-4.81	-27.12	-11.81	241.12	-86.75	-51.61	205.98	-101.43
		230	4.94	-5.28	-30.67	-9.85	-26.09	-9.76	210.70	-113.96	-102.01	198.75	-61.13
		231	2.54	-6.02	-28.99	-7.22	-27.79	-5.11	23.74	-118.19	-86.31	-8.13	-59.22
142	8	240	3.21	-1.09	-27.00	-3.08	-25.01	-6.89	54.27	-126.50	-52.35	-19.87	-88.92
		239	4.47	-0.06	-29.46	-4.24	-25.27	-10.27	212.66	-76.04	-44.33	180.95	-90.28
		230	4.40	-5.18	-27.78	-8.70	-24.25	-8.20	185.34	-99.34	-88.22	174.23	-55.14
142	32	231	2.25	-5.52	-26.60	-6.37	-25.76	-4.13	23.13	-104.18	-74.65	-6.40	-53.74
		240	2.86	-1.11	-25.06	-2.69	-23.48	-5.95	49.89	-111.71	-45.18	-16.64	-79.53
		240	4.33	-2.27	-38.45	-5.22	-35.51	-9.89	72.21	-169.51	-76.13	-21.18	-117.70
142	37	231	3.44	-8.82	-41.40	-10.61	-39.61	-7.42	29.38	-159.47	-121.13	-8.95	-75.96
		232	5.85	-8.18	-40.68	-8.36	-40.51	-2.38	-97.77	-306.19	-117.21	-286.75	-60.62
		241	6.35	-3.32	-34.36	-4.07	-33.60	-4.79	-60.07	-343.78	-92.44	-311.41	-90.20
142	32	240	3.22	-1.75	-28.95	-3.87	-26.83	-7.29	54.12	-125.61	-56.10	-15.39	-87.53
		231	2.56	-6.62	-31.07	-7.87	-29.82	-5.38	22.45	-118.10	-89.29	-6.36	-56.74
		232	4.34	-6.10	-30.60	-6.22	-30.48	-1.66	-71.73	-226.27	-86.45	-211.56	-45.36
142	37	241	4.72	-2.49	-25.97	-3.03	-25.43	-3.51	-43.95	-254.17	-68.22	-229.91	-67.17
		240	2.88	-1.74	-27.03	-3.43	-25.34	-6.33	49.79	-110.90	-48.53	-12.58	-78.31
		231	2.27	-6.10	-28.72	-6.98	-27.83	-4.38	22.03	-104.08	-77.33	-4.72	-51.55
142	37	232	3.87	-5.51	-28.46	-5.56	-28.40	-1.12	-61.02	-197.84	-75.02	-183.84	-41.46
		241	4.22	-2.31	-24.56	-2.72	-24.15	-2.97	-37.00	-222.61	-59.34	-200.26	-60.40

143	8	241	6.46	-3.90	-37.13	-4.83	-36.20	-5.48	-59.60	-342.92	-96.42	-306.10	-95.27
		232	5.98	-8.85	-43.60	-9.09	-43.37	-2.83	-97.97	-307.39	-120.20	-285.16	-64.51
		233	9.52	-8.25	-43.49	-8.27	-43.47	0.75	-125.54	-553.70	-129.25	-549.99	-39.69
143	32	242	9.88	-4.96	-35.00	-4.99	-34.97	-1.01	-120.64	-601.01	-128.06	-593.60	-59.21
		241	4.80	-2.94	-28.10	-3.60	-27.43	-4.03	-43.60	-253.53	-71.18	-225.95	-70.92
		232	4.45	-6.62	-32.84	-6.77	-32.69	-1.99	-71.88	-227.16	-88.68	-210.36	-48.23
143	37	233	7.06	-6.18	-32.77	-6.19	-32.76	0.65	-92.59	-408.83	-95.40	-406.02	-29.70
		242	7.34	-3.74	-26.54	-3.76	-26.52	-0.70	-89.04	-444.10	-94.61	-438.53	-44.12
		241	4.30	-2.75	-26.70	-3.26	-26.18	-3.48	-36.68	-222.05	-62.01	-196.72	-63.67
144	8	232	3.97	-6.01	-30.72	-6.09	-30.64	-1.42	-61.16	-198.61	-77.06	-182.71	-43.96
		233	6.25	-5.65	-30.69	-5.68	-30.66	0.87	-80.35	-356.32	-83.05	-353.62	-27.16
		242	6.51	-3.51	-25.39	-3.52	-25.38	-0.46	-77.47	-388.14	-82.64	-382.97	-39.74
144	32	242	10.04	-5.32	-38.03	-5.60	-37.75	-3.00	-121.38	-601.67	-131.40	-591.65	-68.67
		233	9.68	-8.87	-46.48	-8.93	-46.42	1.48	-125.75	-556.74	-131.07	-551.42	-47.58
		234	12.82	-9.14	-46.21	-9.15	-46.20	0.55	-153.34	-777.41	-153.35	-777.40	-2.61
144	37	243	13.77	-6.86	-37.13	-7.31	-36.68	3.67	-174.60	-878.87	-174.67	-878.79	-7.39
		242	7.46	-4.02	-28.87	-4.22	-28.67	-2.23	-89.59	-444.59	-97.10	-437.08	-51.09
		233	7.18	-6.65	-35.08	-6.70	-35.03	1.22	-92.75	-411.07	-96.77	-407.06	-35.51
144	32	234	9.50	-6.89	-34.86	-6.90	-34.85	0.42	-113.23	-574.06	-113.24	-574.05	-1.98
		243	10.21	-5.20	-28.20	-5.56	-27.85	2.82	-129.03	-649.52	-129.09	-649.46	-5.51
		242	6.63	-3.81	-27.69	-3.97	-27.53	-1.97	-77.96	-388.58	-84.86	-381.68	-45.78
144	37	233	6.37	-6.09	-33.02	-6.17	-32.94	1.47	-80.51	-358.27	-84.29	-354.49	-32.17
		234	8.39	-6.48	-32.73	-6.48	-32.73	0.39	-98.71	-500.48	-98.72	-500.47	-1.88
		243	9.04	-4.98	-27.11	-5.34	-26.74	2.82	-112.84	-568.02	-112.89	-567.97	-4.99
145	7	245	61.26	-16.91	-145.74	-31.48	-131.17	-40.79	3108.94	-925.13	-10.70	2194.50	1689.00
		236	20.19	73.26	16.40	21.60	68.06	16.39	42.39	-1173.51	-20.73	-1110.38	269.75
		235	35.38	-1.98	-80.57	-35.83	-46.71	-38.92	1852.71	-478.17	-96.48	1471.02	862.55
145	31	244	25.24	-1.85	-25.52	-20.53	-6.84	-9.66	1256.29	-651.69	-530.00	1134.60	466.23
		245	45.33	-12.40	-107.83	-23.15	-97.08	-30.17	2300.41	-684.13	-7.36	1623.64	1249.73
		236	14.94	54.19	12.12	15.99	50.32	12.16	31.73	-868.26	-15.01	-821.51	199.71
145	37	235	26.17	-1.59	-59.51	-26.51	-34.59	-28.68	1370.81	-353.59	-71.00	1088.22	638.31
		244	18.67	-1.37	-18.89	-15.19	-5.08	-7.15	929.48	-481.85	-391.73	839.36	345.05
		245	39.81	-10.51	-94.69	-19.86	-85.35	-26.44	2020.96	-599.70	-4.67	1425.92	1097.87
145	32	236	13.12	47.57	10.62	14.10	44.08	10.79	29.06	-762.58	-12.12	-721.41	175.79
		235	22.96	-1.79	-51.95	-23.26	-30.48	-24.82	1204.05	-309.91	-61.11	955.26	561.04
		244	16.39	-1.22	-16.62	-13.34	-4.50	-6.30	816.25	-422.15	-342.73	736.83	303.38
146	7	244	42.96	-13.92	-103.15	-45.73	-71.34	-42.73	2563.96	-121.20	-37.00	2479.76	467.98
		235	18.17	8.79	-26.50	-14.40	-3.32	-16.75	809.90	-536.52	-412.34	685.72	389.59
		237	20.20	6.00	-65.88	-24.78	-35.10	-35.57	1194.74	-114.91	-114.84	1194.67	9.83
146	31	246	19.72	10.07	-65.67	-2.38	-53.22	-28.07	1150.27	-149.61	-32.77	1033.43	-371.79
		244	31.79	-10.36	-76.41	-33.84	-52.92	-31.62	1897.00	-89.30	-26.94	1834.64	346.38
		235	13.44	6.32	-19.55	-10.68	-2.56	-12.28	599.11	-396.65	-304.67	507.14	288.32
146	37	237	14.94	4.26	-48.73	-18.36	-26.10	-26.21	883.69	-84.57	-84.52	883.63	7.25
		246	14.60	7.42	-48.76	-1.77	-39.57	-20.78	850.94	-110.52	-24.02	764.45	-275.10
		244	27.93	-9.28	-67.39	-29.74	-46.93	-27.76	1666.03	-77.23	-22.26	1611.05	304.66
146	32	235	11.77	4.97	-16.98	-9.45	-2.56	-10.42	525.81	-347.36	-266.28	444.72	253.43
		237	13.11	3.19	-42.74	-16.23	-23.32	-22.69	775.23	-72.85	-72.80	775.18	6.31
		246	12.84	6.40	-43.37	-1.58	-35.39	-18.26	746.99	-96.49	-20.37	670.86	-241.69
147	7	246	20.73	4.74	-78.16	-9.49	-63.93	-31.26	1221.23	42.64	54.33	1209.54	-116.80
		237	16.60	7.12	-53.53	-16.78	-29.64	-29.64	938.38	-182.81	-180.83	936.39	-47.14
		238	11.41	4.32	-50.92	-8.78	-37.83	-23.49	642.71	-85.87	-55.27	612.11	-146.14
147	31	247	12.59	6.95	-44.45	3.63	-41.14	-12.62	714.06	-59.23	14.91	639.92	-227.68
		246	15.35	3.44	-58.05	-7.03	-47.58	-23.12	903.44	31.81	40.47	894.78	-86.44
		237	12.28	5.05	-39.65	-12.45	-22.15	-21.82	694.00	-134.85	-133.37	692.53	-34.93
147	37	238	8.45	3.03	-37.78	-6.51	-28.23	-17.27	475.43	-63.25	-40.50	452.68	-108.34
		247	9.33	5.12	-33.16	2.69	-30.74	-9.32	528.38	-43.75	11.25	473.39	-168.64
		246	13.51	2.83	-51.70	-6.21	-42.66	-20.28	793.07	28.79	36.43	785.44	-75.99
147	32	237	10.79	3.75	-34.96	-11.06	-20.16	-18.81	608.61	-117.11	-115.80	607.30	-30.85
		238	7.45	2.17	-33.51	-5.76	-25.59	-14.83	417.25	-54.65	-34.32	396.91	-95.82
		247	8.24	4.43	-30.01	2.38	-27.96	-8.14	464.26	-38.16	10.57	415.53	-148.69
148	7	247	12.25	3.43	-49.67	-1.85	-44.39	-15.89	702.24	-29.48	25.03	647.73	-192.13
		238	11.58	2.87	-48.72	-8.75	-37.10	-21.55	636.23	-110.61	-84.91	610.54	-136.13
		239	6.65	-0.50	-39.28	-5.60	-34.17	-13.11	327.11	-115.08	-57.25	269.28	-149.08
148	31	248	6.72	3.07	-33.67	0.67	-31.26	-9.08	355.22	-88.19	5.30	261.74	-180.87
		247	9.08	2.48	-37.08	-1.37	-33.23	-11.74	519.63	-21.71	18.74	479.18	-142.34
		238	8.58	1.94	-36.23	-6.50	-27.79	-15.84	470.64	-81.57	-62.45	451.53	-100.95
148	37	239	4.94	-0.49	-29.30	-4.15	-25.64	-9.59	242.30	-85.11	-42.04	199.23	-110.67
		248	5.00	2.25	-25.28	0.50	-23.54	-6.70	263.18	-65.34	4.10	193.74	-134.12
		247	8.03	2.01	-33.64	-1.23	-30.40	-10.25	456.58	-18.75	17.15	420.67	-125.61
148	32	238	7.57	1.12	-32.40	-5.79	-25.49	-13.56	413.05	-70.76	-53.64	395.93	-89.39
		239	4.41	-0.80	-26.51	-3.66	-23.65	-8.08	213.72	-74.65	-35.87	174.95	-98.38
		248	4.46	1.89	-23.39	0.47	-21.97	-5.83	232.29	-57.66	4.18	170.44	-118.78
149	7	248	6.81	1.75	-36.54	-1.00	-33.78	-9.90	356.31	-86.30	-0.63	270.64	-174.87
		239	6.83	-1.38	-41.28	-6.46	-36.20	-13.30	328.01	-116.16	-67.37	279.23	-138.89
		240	4.15	-2.97	-34.50	-4.49	-32.98	-6.76	74.26	-171.92	-69.63	-28.03	-121.32
149	31	249	4.68	1.09	-27.16	-0.18	-25.88	-5.86	109.00	-180.86	-18.82	-53.03	-143.91
		248	5.07	1.25	-27.47	-0.75	-25.47	-7.31	263.98	-63.93	-0.30	200.35	-129.69

		239	5.08	-1.16	-30.86	-4.80	-27.23	-9.73	242.97	-85.90	-49.54	206.61	-103.13
		240	3.08	-2.27	-25.92	-3.33	-24.86	-4.90	55.63	-127.40	-51.27	-20.49	-90.21
		249	3.48	0.79	-20.57	-0.12	-19.66	-4.32	81.22	-133.97	-13.79	-38.96	-106.85
149	37	248	4.53	0.95	-25.55	-0.68	-23.92	-6.37	233.02	-56.43	0.29	176.30	-114.89
		239	4.54	-1.45	-28.16	-4.27	-25.34	-8.21	214.30	-75.32	-42.52	181.50	-91.79
		240	2.73	-2.21	-24.05	-2.95	-23.30	-3.96	51.10	-112.52	-44.24	-17.19	-80.68
		249	3.11	0.63	-19.60	-0.09	-18.89	-3.74	73.17	-118.18	-11.69	-33.31	-95.06
150	8	249	4.72	0.34	-29.84	-1.06	-28.43	-6.35	110.91	-179.52	-24.05	-44.55	-144.85
		240	4.16	-3.70	-37.24	-5.33	-35.61	-7.22	73.94	-170.44	-75.08	-21.42	-119.21
		241	6.27	-4.06	-33.60	-4.23	-33.44	-2.21	-59.65	-344.86	-92.98	-311.53	-91.63
		250	6.73	-0.24	-24.49	-0.65	-24.07	-3.14	-17.45	-379.05	-50.74	-345.76	-104.56
150	32	249	3.51	0.21	-22.63	-0.79	-21.62	-4.69	82.64	-132.98	-17.68	-32.66	-107.55
		240	3.09	-2.82	-28.04	-3.97	-26.90	-5.24	55.40	-126.30	-55.33	-15.57	-88.65
		241	4.66	-3.05	-25.40	-3.15	-25.30	-1.53	-43.64	-254.98	-68.62	-229.99	-68.23
		250	5.01	-0.19	-18.71	-0.49	-18.42	-2.30	-12.58	-280.27	-37.47	-255.38	-77.74
150	37	249	3.14	0.08	-21.66	-0.72	-20.87	-4.09	74.44	-117.26	-15.16	-27.66	-95.64
		240	2.75	-2.74	-26.19	-3.55	-25.38	-4.28	50.92	-111.52	-47.86	-12.74	-79.30
		241	4.15	-2.80	-24.05	-2.85	-24.01	-0.99	-36.71	-223.34	-59.71	-200.34	-61.34
		250	4.48	-0.22	-18.35	-0.43	-18.14	-1.95	-9.97	-245.52	-32.66	-222.83	-69.50
151	8	250	6.83	-0.63	-27.30	-1.18	-26.75	-3.79	-13.94	-376.14	-52.33	-337.75	-111.49
		241	6.36	-4.71	-36.56	-4.92	-36.35	-2.58	-60.31	-343.90	-97.60	-306.61	-95.84
		242	9.83	-5.05	-34.84	-5.09	-34.80	1.11	-123.21	-601.28	-131.29	-593.20	-61.64
		251	10.31	-1.84	-24.94	-1.84	-24.94	-0.06	-98.90	-651.68	-105.15	-645.43	-58.46
151	32	250	5.09	-0.49	-20.88	-0.88	-20.49	-2.80	-9.98	-278.11	-38.66	-249.43	-82.86
		241	4.73	-3.54	-27.68	-3.67	-27.55	-1.80	-44.12	-254.27	-72.06	-226.33	-71.35
		242	7.30	-3.80	-26.43	-3.84	-26.39	0.93	-90.93	-444.31	-97.00	-438.24	-45.92
		251	7.66	-1.40	-19.18	-1.40	-19.18	9.66e-03	-73.07	-481.77	-77.76	-477.08	-43.56
151	37	250	4.56	-0.50	-20.51	-0.81	-20.21	-2.44	-7.69	-243.60	-33.77	-217.52	-73.98
		241	4.23	-3.28	-26.35	-3.34	-26.28	-1.24	-37.13	-222.71	-62.79	-197.05	-64.06
		242	6.48	-3.54	-25.30	-3.60	-25.24	1.16	-79.12	-388.35	-84.75	-382.72	-41.34
		251	6.82	-1.36	-19.16	-1.36	-19.15	0.19	-63.81	-421.81	-68.17	-417.46	-39.24
152	8	251	10.28	-2.25	-27.72	-2.38	-27.58	-1.85	-97.88	-639.91	-107.41	-630.37	-71.26
		242	10.01	-5.58	-38.01	-5.70	-37.89	1.93	-125.10	-606.08	-135.70	-595.48	-70.62
		243	13.79	-7.17	-36.65	-7.21	-36.60	1.16	-175.67	-880.89	-175.76	-880.80	-8.24
		252	15.13	-4.29	-27.51	-5.27	-26.53	4.66	-199.76	-1010.90	-199.83	-1010.84	-7.26
152	32	251	7.64	-1.72	-21.30	-1.82	-21.21	-1.36	-72.31	-473.08	-79.45	-465.94	-53.01
		242	7.43	-4.20	-28.87	-4.30	-28.77	1.57	-92.34	-447.86	-100.28	-439.92	-52.54
		243	10.23	-5.44	-27.83	-5.48	-27.79	0.89	-129.82	-651.01	-129.89	-650.94	-6.14
		252	11.22	-3.30	-21.17	-4.06	-20.42	3.59	-147.75	-747.65	-147.80	-747.61	-5.44
152	37	251	6.81	-1.70	-21.25	-1.77	-21.18	-1.18	-63.15	-414.23	-69.70	-407.68	-47.51
		242	6.61	-3.92	-27.77	-4.06	-27.63	1.83	-80.36	-391.48	-87.66	-384.19	-47.07
		243	9.05	-5.23	-26.71	-5.27	-26.67	0.89	-113.52	-569.31	-113.59	-569.24	-5.54
		252	9.96	-3.31	-21.21	-4.06	-20.46	3.60	-129.57	-655.64	-129.62	-655.59	-5.01
153	8	4	420.36	46.25	-360.79	-25.47	-289.07	-155.07	2.499e+04	-3296.65	-1343.12	2.304e+04	7172.80
		245	161.78	161.02	-86.80	-14.08	88.30	112.84	-495.99	-1.066e+04	-502.82	-1.065e+04	-263.41
		244	133.17	20.39	-171.82	-72.91	-78.52	-96.06	8159.30	-586.74	135.72	7436.84	2407.64
		253	90.34	-1.15	-189.82	-70.54	-120.43	90.98	3045.30	-3392.36	997.95	-1345.01	-2998.09
153	32	4	311.03	34.37	-267.11	-18.58	-214.16	-114.71	1.849e+04	-2437.28	-990.98	1.705e+04	5308.49
		245	119.71	119.35	-64.13	-10.27	65.48	83.56	-366.83	-7888.37	-371.90	-7883.30	-195.21
		244	98.53	14.99	-127.09	-54.01	-58.09	-71.01	6037.33	-433.54	101.36	5502.43	1781.89
		253	66.83	-1.09	-140.57	-52.33	-89.33	67.24	2252.38	-2510.80	736.89	-995.31	-2218.52
153	37	4	273.24	30.66	-235.13	-15.48	-188.99	-100.67	1.625e+04	-2134.72	-861.50	1.497e+04	4667.05
		245	105.15	105.50	-56.04	-8.53	57.99	73.60	-321.71	-6928.20	-326.21	-6923.69	-172.46
		244	86.53	12.87	-111.52	-47.67	-50.97	-62.17	5303.77	-378.93	92.01	4832.82	1566.66
		253	58.68	-1.74	-123.87	-46.43	-79.18	58.83	1975.70	-2207.89	642.46	-874.66	-1949.41
154	8	253	54.57	-62.96	-186.09	-89.93	-159.12	-50.92	3159.75	-234.39	-220.48	3145.84	-216.86
		244	32.36	-23.13	-53.02	-34.34	-41.81	-14.47	1968.55	-217.90	-214.80	1965.46	-82.17
		246	19.90	6.87	-108.47	-15.14	-86.46	-45.32	1156.69	179.60	194.00	1142.28	-117.75
		254	20.70	58.28	-49.58	48.52	-39.82	30.93	1254.41	260.05	286.34	1228.13	-159.51
154	32	253	40.39	-46.61	-137.90	-66.52	-117.99	-37.70	2337.84	-173.14	-162.87	2327.57	-160.23
		244	23.95	-17.27	-39.27	-25.48	-31.06	-10.64	1456.34	-160.99	-158.71	1454.06	-60.69
		246	14.73	4.99	-80.35	-11.20	-64.15	-33.46	855.71	133.20	143.86	845.05	-87.09
		254	15.33	43.10	-36.89	35.90	-29.70	22.89	928.09	192.23	211.70	908.62	-118.09
154	37	253	35.51	-41.01	-121.82	-58.36	-104.46	-33.19	2053.25	-151.17	-142.24	2044.33	-139.98
		244	21.03	-15.67	-34.65	-22.61	-27.70	-9.14	1278.56	-140.65	-138.67	1276.59	-52.94
		246	12.95	4.10	-70.86	-9.83	-56.93	-29.15	751.23	118.01	127.37	741.88	-76.40
		254	13.50	37.79	-33.09	31.54	-26.84	20.10	815.04	168.27	185.44	797.88	-103.95
155	8	254	22.97	-6.86	-60.31	-7.02	-60.15	2.94	1306.73	-80.86	-14.92	1240.78	-295.22
		246	22.34	8.02	-69.18	2.66	-63.83	-19.61	1304.75	25.40	44.06	1286.09	-153.41
		247	11.95	0.46	-46.01	-3.20	-42.35	-12.52	691.37	-59.73	46.90	584.75	-262.13
		255	11.67	5.39	-32.20	5.05	-31.86	3.54	689.84	49.81	87.06	652.59	-149.85
155	32	254	17.01	-5.07	-44.94	-5.19	-44.82	2.18	966.81	-59.81	-11.01	918.01	-218.43
		246	16.54	5.84	-51.39	1.94	-47.49	-14.43	965.24	19.00	32.83	951.41	-113.54
		247	8.85	0.26	-34.26	-2.38	-31.62	-9.17	511.65	-44.14	34.92	432.58	-194.15
		255	8.66	3.99	-24.15	3.75	-23.91	2.62	510.49	36.81	64.42	482.88	-110.99
155	37	254	14.98	-4.46	-40.49	-4.56	-40.39	1.91	849.07	-52.46	-9.59	806.20	-191.86
		246	14.56	4.85	-45.79	1.60	-42.54	-12.40	847.36	17.37	29.56	835.17	-99.84

		247	7.83	-8.45e-03	-30.77	-2.11	-28.67	-7.77	449.76	-38.62	31.40	379.74	-171.16
		255	7.66	3.53	-22.28	3.32	-22.07	2.31	448.67	32.16	56.59	424.25	-97.85
156	8	255	12.38	-0.34	-35.62	-0.44	-35.52	1.86	700.71	-27.36	26.28	647.07	-190.20
		247	12.73	2.78	-47.61	-0.22	-44.61	-11.92	727.94	-31.95	35.67	660.32	-216.36
		248	7.28	0.69	-32.39	-0.66	-31.03	-6.55	379.39	-119.61	13.85	245.94	-220.87
		256	5.75	1.26	-19.40	1.24	-19.38	0.53	314.48	-34.53	35.22	244.74	-139.56
156	32	255	9.18	-0.26	-26.77	-0.33	-26.69	1.38	518.54	-20.28	19.46	478.80	-140.84
		247	9.44	1.97	-35.53	-0.19	-33.37	-8.73	538.68	-23.58	26.60	488.50	-160.30
		248	5.41	0.46	-24.30	-0.49	-23.35	-4.75	281.13	-88.64	10.43	182.05	-163.77
		256	4.28	0.94	-14.78	0.93	-14.77	0.40	232.97	-25.63	26.08	181.25	-103.44
156	37	255	8.13	-0.24	-24.83	-0.30	-24.77	1.22	455.78	-17.93	17.14	420.70	-124.04
		247	8.35	1.46	-32.19	-0.24	-30.49	-7.37	473.42	-20.51	24.03	428.88	-141.47
		248	4.84	0.23	-22.42	-0.45	-21.74	-3.88	248.29	-78.33	9.76	160.20	-144.95
		256	3.83	0.86	-14.37	0.85	-14.36	0.36	205.57	-22.79	22.99	159.79	-91.42
157	8	256	6.03	0.14	-22.31	0.13	-22.31	0.22	321.10	-44.01	22.97	254.12	-141.31
		248	7.38	0.42	-35.21	-1.01	-33.78	-6.99	382.24	-108.35	7.47	266.42	-208.34
		249	5.32	-0.19	-26.02	-0.59	-25.61	-3.20	143.09	-215.64	-11.54	-61.01	-177.65
		257	3.42	0.77	-12.41	0.76	-12.39	-0.44	87.79	-145.60	19.48	-77.30	-106.19
157	32	256	4.49	0.10	-17.02	0.09	-17.02	0.16	237.87	-32.64	17.02	188.21	-104.73
		248	5.49	0.24	-26.47	-0.77	-25.47	-5.08	283.23	-80.31	5.70	197.22	-154.50
		249	3.95	-0.17	-19.71	-0.44	-19.44	-2.27	106.49	-159.76	-8.40	-44.86	-131.87
		257	2.55	0.58	-9.71	0.57	-9.70	-0.32	65.27	-107.69	14.44	-56.86	-78.78
157	37	256	4.02	0.07	-16.59	0.07	-16.59	0.14	209.88	-28.94	15.01	165.94	-92.54
		248	4.92	-2.33e-03	-24.61	-0.73	-23.88	-4.17	250.13	-70.99	5.55	173.59	-136.82
		249	3.51	-0.24	-18.81	-0.40	-18.65	-1.70	95.56	-140.97	-6.94	-38.47	-117.21
		257	2.29	0.54	-10.22	0.54	-10.21	-0.28	58.35	-94.42	12.76	-48.83	-69.90
158	8	257	3.47	0.12	-15.20	0.10	-15.18	-0.61	89.82	-144.36	15.21	-69.75	-109.11
		249	5.33	-0.76	-28.89	-1.23	-28.41	-3.62	144.07	-212.81	-18.26	-50.48	-177.71
		250	7.07	-0.80	-23.94	-0.81	-23.92	-0.56	4.99	-400.73	-43.42	-352.32	-131.52
		258	6.56	0.72	-9.67	0.65	-9.60	-0.83	22.42	-392.38	9.74	-379.70	-71.41
158	32	257	2.59	0.09	-11.86	0.07	-11.84	-0.46	66.78	-106.76	11.27	-51.26	-80.94
		249	3.96	-0.61	-21.92	-0.93	-21.60	-2.59	107.22	-157.66	-13.40	-37.05	-131.91
		250	5.25	-0.60	-18.31	-0.61	-18.30	-0.32	4.10	-296.39	-32.05	-260.24	-97.75
		258	4.88	0.54	-7.77	0.49	-7.73	-0.62	16.69	-289.97	7.22	-280.50	-53.06
158	37	257	2.34	0.06	-12.36	0.04	-12.34	-0.42	59.70	-93.61	9.95	-43.86	-71.78
		249	3.52	-0.67	-21.02	-0.86	-20.83	-2.00	96.21	-139.12	-11.39	-31.52	-117.23
		250	4.69	-0.55	-18.01	-0.55	-18.01	0.02	4.94	-259.95	-27.89	-227.12	-87.28
		258	4.37	0.50	-8.82	0.47	-8.79	-0.56	15.01	-253.52	6.39	-244.90	-47.33
159	8	258	6.71	0.12	-12.34	0.02	-12.24	-1.08	30.24	-390.57	13.00	-373.33	-83.42
		250	7.15	-1.34	-26.84	-1.38	-26.80	-0.94	4.48	-398.82	-49.25	-345.09	-137.05
		251	10.50	-1.33	-25.33	-1.50	-25.16	2.04	-86.35	-660.78	-96.04	-651.09	-73.95
		259	10.96	0.61	-10.63	0.57	-10.59	-0.69	-6.50	-697.70	-7.56	-696.64	-26.97
159	32	258	4.99	0.08	-9.83	0.01	-9.76	-0.82	22.49	-288.63	9.63	-275.76	-61.94
		250	5.32	-1.02	-20.54	-1.04	-20.52	-0.61	3.72	-294.96	-36.38	-254.86	-101.83
		251	7.79	-0.99	-19.49	-1.14	-19.34	1.62	-63.76	-488.55	-71.02	-481.28	-55.08
		259	8.14	0.45	-8.61	0.43	-8.58	-0.51	-4.80	-515.86	-5.59	-515.07	-20.15
159	37	258	4.47	0.06	-10.87	5.24e-03	-10.81	-0.78	20.13	-252.32	8.49	-240.68	-55.10
		250	4.75	-0.98	-20.24	-0.98	-20.23	-0.26	4.60	-258.67	-31.77	-222.31	-90.83
		251	6.94	-0.91	-19.48	-1.08	-19.31	1.79	-55.56	-427.90	-62.27	-421.19	-49.55
		259	7.26	0.42	-9.95	0.40	-9.93	-0.46	-4.17	-451.89	-4.93	-451.14	-18.34
160	8	259	11.72	1.95	-12.88	1.37	-12.29	-2.88	64.69	-701.54	59.41	-696.26	-63.37
		251	10.36	-2.08	-29.80	-2.58	-29.30	3.69	-101.59	-646.71	-110.11	-638.19	-67.61
		252	15.13	-4.88	-24.73	-5.21	-24.40	2.54	-215.62	-1023.92	-216.09	-1023.45	-19.57
		3	15.99	-1.88	-22.08	-3.29	-20.68	5.13	-128.06	-1055.95	-135.63	-1048.38	83.46
160	32	259	8.71	1.52	-10.32	1.08	-9.88	-2.22	47.90	-518.65	43.96	-514.71	-47.08
		251	7.70	-1.57	-22.94	-1.97	-22.54	2.90	-75.06	-478.13	-81.46	-471.73	-50.39
		252	11.22	-3.76	-19.02	-4.01	-18.76	1.95	-159.50	-757.36	-159.85	-757.00	-14.57
		3	11.89	-1.52	-17.48	-2.59	-16.41	3.99	-94.81	-781.52	-100.39	-775.94	61.64
160	37	259	7.76	1.56	-11.59	1.17	-11.20	-2.25	42.21	-454.15	38.63	-450.57	-42.00
		251	6.87	-1.48	-23.02	-1.94	-22.56	3.11	-65.57	-418.72	-71.51	-412.78	-45.41
		252	9.95	-3.78	-19.00	-4.04	-18.75	1.94	-139.95	-664.38	-140.27	-664.05	-13.10
		3	10.62	-1.74	-19.00	-2.79	-17.95	4.11	-83.47	-687.11	-88.30	-682.29	53.78
161	7	262	113.16	146.06	-207.98	-34.31	-27.61	-176.99	7277.99	173.31	426.92	7024.38	-1318.15
		6	417.04	39.07	-580.41	-262.80	-278.55	309.64	2074.98	-2.487e+04	-4782.36	-1.802e+04	1.174e+04
		260	99.80	122.51	-209.89	68.96	-156.34	-122.20	4406.38	-2334.54	1143.88	927.97	-3368.73
		261	125.55	64.61	-257.77	-82.63	-110.53	160.59	-92.99	-7523.97	-1869.96	-5747.00	3169.70
161	31	262	83.17	107.40	-152.99	-25.21	-20.38	-130.17	5349.50	127.49	313.92	5163.07	-968.90
		6	306.55	28.81	-427.01	-193.32	-204.88	227.83	1525.40	-1.828e+04	-3514.71	-1.324e+04	8627.54
		260	73.37	90.23	-154.38	50.82	-114.97	-89.92	3238.77	-1716.08	840.83	681.86	-2476.15
		261	92.29	47.48	-189.57	-60.73	-81.37	118.07	-68.31	-5530.24	-1374.22	-4224.33	2329.67
161	37	262	71.27	92.16	-131.48	-21.59	-17.74	-111.80	4584.30	109.60	269.41	4424.49	-830.41
		6	262.76	24.99	-367.19	-166.18	-176.02	196.03	1307.98	-1.567e+04	-3010.53	-1.135e+04	7393.07
		260	62.91	77.90	-132.63	43.99	-98.72	-77.40	2775.42	-1471.06	720.74	583.63	-2122.13
		261	79.11	40.64	-162.79	-52.03	-70.13	101.31	-58.44	-4738.98	-1176.88	-3620.54	1996.00
162	7	261	27.38	0.08	-95.17	-10.43	-84.66	29.84	146.72	-1457.68	136.82	-1447.77	125.65
		260	65.82	-31.48	-183.91	-73.61	-141.78	68.17	-872.91	-1482.05	-1672.98	-3381.99	1416.84
		263	30.38	36.69	-100.13	35.96	-99.39	9.98	147.06	-1543.89	144.47	-1541.30	66.18

		264	27.08	5.92	-112.07	-24.05	-82.10	51.36	-530.89	-1636.65	-711.42	-1456.12	408.70
162	31	261	20.14	0.05	-70.10	-7.64	-62.42	21.91	108.02	-1071.58	100.76	-1064.32	92.25
		260	48.39	-23.19	-135.42	-54.24	-104.37	50.21	-641.62	-3073.91	-1229.49	-2486.05	1041.29
		263	22.34	27.00	-73.79	26.44	-73.24	7.43	108.20	-1135.01	106.30	-1133.11	48.55
		264	19.91	4.31	-82.53	-17.69	-60.53	37.77	-390.15	-1203.10	-522.70	-1070.55	300.31
162	37	261	17.30	-5.99e-03	-60.58	-6.48	-54.11	18.71	93.14	-918.80	86.98	-912.64	78.71
		260	41.50	-20.03	-116.80	-46.90	-89.94	43.34	-549.89	-2634.23	-1053.02	-2131.11	891.94
		263	19.19	23.22	-63.88	22.71	-63.36	6.68	93.05	-973.32	91.45	-971.72	41.30
		264	17.09	3.56	-71.24	-15.22	-52.46	32.44	-334.12	-1031.41	-447.24	-918.29	257.06
163	7	264	24.19	8.04	-93.76	-4.51	-81.20	33.47	-122.05	-1376.83	-129.04	-1369.84	93.40
		263	28.77	-2.32	-110.97	-9.89	-103.40	27.66	-414.36	-1726.66	-458.17	-1682.85	235.74
		265	19.72	5.80	-91.03	0.66	-85.90	21.70	-18.35	-1036.12	-19.47	-1034.99	-33.82
		266	15.27	0.51	-80.95	-10.49	-69.94	27.84	-144.78	-867.47	-149.55	-862.69	-58.55
163	31	264	17.80	5.88	-69.19	-3.33	-59.98	24.63	-89.52	-1012.25	-94.65	-1007.13	68.56
		263	21.17	-1.71	-81.90	-7.31	-76.30	20.44	-304.49	-1269.30	-336.64	-1237.15	173.17
		265	14.51	4.28	-67.22	0.48	-63.41	16.05	-13.38	-761.77	-14.21	-760.94	-24.88
		266	11.24	0.35	-59.77	-7.71	-51.71	20.49	-106.22	-637.87	-109.73	-634.36	-43.03
163	37	264	15.32	4.93	-60.18	-2.90	-52.36	21.17	-76.11	-868.26	-80.45	-863.92	58.46
		263	18.20	-1.49	-71.24	-6.41	-66.32	17.86	-260.68	-1088.29	-288.08	-1060.88	148.09
		265	12.49	3.74	-58.60	0.39	-55.24	14.08	-11.13	-653.45	-11.84	-652.74	-21.40
		266	9.70	0.22	-52.10	-6.60	-45.27	17.62	-90.40	-547.48	-93.39	-544.49	-36.88
164	7	266	16.45	2.06	-83.19	-6.50	-74.64	25.62	-55.68	-898.98	-65.61	-889.04	-90.98
		265	18.91	0.90	-94.94	-4.05	-89.99	21.23	-115.92	-1025.68	-119.85	-1021.75	-59.65
		267	12.42	1.35	-82.76	-2.80	-78.61	18.22	64.25	-590.11	13.74	-539.61	-174.64
		268	10.82	-0.65	-74.31	-6.68	-68.27	20.20	73.84	-531.37	12.97	-470.50	-182.03
164	31	266	12.12	1.47	-61.53	-4.79	-55.27	18.85	-40.73	-661.03	-48.03	-653.73	-66.88
		265	13.92	0.66	-70.21	-3.01	-66.54	15.71	-85.10	-754.10	-87.99	-751.21	-43.87
		267	9.14	1.01	-61.24	-2.07	-58.16	13.49	47.27	-433.84	10.18	-396.75	-128.32
		268	7.98	-0.50	-55.00	-4.91	-50.59	14.86	54.35	-390.66	9.70	-346.01	-133.71
164	37	266	10.47	1.13	-53.96	-4.16	-48.67	16.24	-34.28	-567.32	-40.52	-561.08	-57.34
		265	12.00	0.56	-61.53	-2.68	-58.30	13.80	-72.58	-646.88	-75.06	-644.40	-37.69
		267	7.90	0.92	-53.78	-1.79	-51.06	11.88	40.64	-372.06	8.99	-340.41	-109.81
		268	6.91	-0.50	-48.38	-4.20	-44.67	12.79	46.82	-335.08	8.85	-297.10	-114.28
165	7	268	11.14	-0.89	-77.54	-5.96	-72.47	19.05	79.49	-536.92	13.42	-470.85	-190.68
		267	12.47	0.29	-86.22	-3.11	-82.81	16.82	51.45	-593.08	-8.63	-533.00	-187.38
		269	7.46	0.45	-77.39	-2.15	-74.80	13.97	217.67	-271.28	52.30	-105.91	-231.33
		270	7.29	-1.68	-71.94	-4.85	-68.77	14.59	231.96	-243.04	77.32	-88.40	-222.58
165	31	268	8.21	-0.69	-57.49	-4.40	-53.79	14.02	58.50	-394.74	10.03	-346.27	-140.07
		267	9.19	0.21	-63.89	-2.31	-61.37	12.47	37.85	-436.01	-6.26	-391.90	-137.69
		269	5.49	0.34	-57.39	-1.58	-55.47	10.36	159.94	-199.30	38.49	-77.85	-169.93
		270	5.36	-1.26	-53.38	-3.57	-51.07	10.72	170.43	-178.48	56.95	-65.01	-163.45
165	37	268	7.13	-0.73	-50.86	-3.83	-47.76	12.07	50.39	-338.57	9.14	-297.32	-119.75
		267	7.95	0.16	-56.42	-2.06	-54.20	11.00	32.57	-373.91	-5.09	-336.25	-117.86
		269	4.74	0.33	-50.81	-1.37	-49.11	9.17	136.86	-170.45	33.16	-66.75	-145.31
		270	4.60	-1.16	-47.37	-3.07	-45.46	9.19	145.81	-152.42	49.20	-55.81	-139.57
166	7	270	7.30	-2.23	-75.17	-4.76	-72.64	13.34	229.68	-243.96	67.05	-81.34	-224.90
		269	7.56	-0.13	-80.78	-2.16	-78.75	12.63	213.89	-274.90	38.45	-99.46	-234.46
		271	10.41	-0.17	-74.86	-1.48	-73.55	9.79	459.90	-52.42	85.35	322.13	-227.16
		272	9.68	-2.73	-71.72	-4.00	-70.45	9.29	445.89	-21.96	122.22	301.71	-216.02
166	31	270	5.37	-1.69	-55.87	-3.53	-54.03	9.80	168.74	-179.15	49.41	-59.82	-165.15
		269	5.58	-0.10	-60.00	-1.61	-58.50	9.37	157.15	-201.95	28.32	-73.12	-172.24
		271	7.67	-0.12	-55.65	-1.09	-54.68	7.27	338.02	-38.37	62.76	236.89	-166.85
		272	7.14	-2.04	-53.35	-2.96	-52.43	6.80	327.70	-15.89	89.91	221.90	-158.61
166	37	270	4.62	-1.60	-49.85	-3.10	-48.35	8.38	144.37	-152.99	42.75	-51.37	-141.03
		269	4.83	-0.12	-53.42	-1.45	-52.09	8.31	134.48	-172.71	24.45	-62.69	-147.28
		271	6.66	-0.10	-49.70	-0.95	-48.85	6.44	289.62	-32.38	53.86	203.37	-142.59
		272	6.18	-1.86	-47.75	-2.59	-47.02	5.73	280.69	-12.81	77.29	190.58	-135.37
167	7	272	9.77	-3.23	-75.24	-4.04	-74.44	7.59	443.81	-21.82	112.55	309.44	-210.98
		271	10.54	-0.21	-78.14	-1.26	-77.09	8.97	455.45	-58.61	70.61	326.23	-223.00
		273	15.31	-2.18	-75.65	-2.40	-75.43	4.01	827.36	103.39	142.28	788.47	-163.23
		274	13.92	-6.04	-72.34	-6.25	-72.13	3.73	763.58	130.35	176.72	717.21	-164.96
167	31	272	7.20	-2.43	-56.05	-3.01	-55.48	5.53	326.17	-15.79	82.81	227.57	-154.91
		271	7.78	-0.17	-58.18	-0.95	-57.40	6.67	334.75	-42.93	51.93	239.90	-163.79
		273	11.29	-1.63	-56.38	-1.79	-56.22	2.95	608.25	76.06	104.58	579.72	-119.87
		274	10.27	-4.52	-53.92	-4.67	-53.78	2.67	561.41	95.94	129.94	527.41	-121.12
167	37	272	6.25	-2.26	-50.44	-2.70	-50.00	4.58	279.39	-12.72	71.22	195.44	-132.19
		271	6.77	-0.18	-52.24	-0.87	-51.55	5.94	286.83	-36.28	44.59	205.96	-139.96
		273	9.79	-1.50	-50.79	-1.63	-50.66	2.52	521.64	65.38	89.65	497.38	-102.38
		274	8.91	-4.13	-48.62	-4.22	-48.53	2.06	481.65	82.63	111.51	452.77	-103.39
168	7	274	14.13	-6.80	-76.01	-6.80	-76.01	0.24	770.69	133.33	172.19	731.83	-152.50
		273	15.22	-2.09	-78.86	-2.27	-78.68	3.71	808.86	100.36	133.71	775.52	-150.05
		5	22.49	-13.26	-75.46	-13.69	-75.03	-5.16	1384.29	273.75	275.09	1382.95	-38.48
		275	19.49	-13.96	-71.90	-14.06	-71.80	2.43	1177.38	235.55	236.91	1176.01	-35.86
168	31	274	10.42	-5.10	-56.74	-5.10	-56.74	0.03	566.64	98.13	126.62	538.15	-111.97
		273	11.23	-1.59	-58.85	-1.72	-58.71	2.76	594.65	73.83	98.29	570.19	-110.18
		5	16.57	-9.89	-56.36	-10.23	-56.03	-3.95	1017.60	201.23	202.21	1016.62	-28.26
		275	14.37	-10.43	-53.68	-10.50	-53.61	1.77	865.68	173.19	174.19	864.68	-26.34

168	37	274	9.06	-4.68	-51.44	-4.68	-51.43	-0.45	486.13	84.50	108.69	461.94	-95.55
		273	9.76	-1.52	-53.27	-1.64	-53.15	2.48	509.96	63.48	84.26	489.18	-94.06
		5	14.33	-8.93	-51.20	-9.29	-50.83	-3.90	872.44	172.52	173.35	871.60	-24.14
		275	12.45	-9.48	-48.69	-9.54	-48.63	1.45	742.78	148.60	149.45	741.93	-22.54
169	8	277	18.17	105.17	7.33	29.35	83.16	-40.86	707.66	-622.03	-488.29	573.92	399.93
		262	81.89	-30.43	-246.47	-111.95	-164.95	104.72	943.85	-4183.35	-1619.79	-1619.71	2563.60
		261	34.79	6.77	-53.80	-7.24	-39.79	25.54	229.61	-2011.11	-25.93	-1755.58	712.24
		276	37.71	2.01	-119.73	-68.75	-48.98	60.06	226.69	-2027.99	-491.15	-1310.14	1050.34
169	32	277	13.36	77.31	5.38	21.62	61.07	-30.07	520.10	-457.00	-358.76	421.85	293.84
		262	60.20	-22.33	-181.30	-82.31	-121.32	77.06	693.78	-3074.72	-1190.41	-1190.52	1884.25
		261	25.58	5.02	-39.63	-5.31	-29.30	18.83	168.84	-1478.27	-18.87	-1290.56	523.40
		276	27.72	1.43	-88.02	-50.51	-36.08	44.14	166.54	-1490.51	-360.80	-963.17	771.84
169	37	277	11.46	66.30	4.62	18.74	52.18	-25.91	445.55	-390.98	-306.98	361.54	251.42
		262	51.61	-18.98	-155.78	-70.54	-104.23	66.29	594.63	-2634.45	-1019.61	-1020.20	1614.54
		261	21.94	4.45	-34.23	-4.51	-25.27	16.31	144.92	-1267.01	-15.58	-1106.50	448.17
		276	23.74	1.09	-75.45	-43.20	-31.16	37.79	142.43	-1276.94	-308.52	-826.00	660.84
170	8	276	21.00	8.38	-46.04	-19.77	-17.88	27.19	133.45	-1194.78	-87.73	-973.60	494.83
		261	41.00	-0.93	-139.65	-48.50	-92.09	65.85	-307.41	-2434.43	-645.48	-2096.36	777.68
		264	21.74	13.86	-84.91	-1.43	-69.63	35.72	-111.39	-1239.10	-116.71	-1233.78	77.25
		278	19.39	3.41	-78.34	-27.29	-47.64	39.59	-112.07	-1152.66	-138.59	-1126.14	163.98
170	32	276	15.44	6.08	-33.91	-14.52	-13.32	19.99	98.11	-878.20	-64.27	-715.82	363.55
		261	30.15	-0.69	-102.86	-35.68	-67.86	48.49	-225.90	-1789.39	-474.25	-1541.04	571.50
		264	16.00	10.22	-62.61	-1.07	-51.33	26.35	-81.69	-911.02	-85.58	-907.12	56.70
		278	14.27	2.45	-57.70	-20.05	-35.20	29.11	-82.15	-847.53	-101.60	-828.08	120.43
170	37	276	13.25	4.94	-29.29	-12.39	-11.96	17.11	84.15	-752.60	-54.39	-614.06	311.01
		261	25.87	-0.58	-88.80	-30.67	-58.71	41.82	-193.44	-1533.54	-405.81	-1321.16	489.38
		264	13.75	8.85	-54.31	-0.97	-44.50	22.88	-69.40	-781.52	-72.69	-778.22	48.33
		278	12.27	1.92	-49.83	-17.16	-30.75	24.97	-69.68	-727.26	-86.19	-710.74	102.90
171	8	278	17.54	4.70	-67.32	-16.52	-46.10	32.83	-27.61	-1014.87	-35.63	-1006.86	88.61
		264	24.03	5.11	-99.58	-14.59	-79.89	40.92	-247.53	-1406.28	-272.25	-1381.56	167.43
		266	15.96	4.74	-79.27	-6.23	-68.30	28.31	-31.41	-876.03	-41.52	-865.93	-91.81
		279	13.71	0.23	-67.14	-14.70	-52.21	27.99	10.29	-769.00	2.88	-761.59	-75.65
171	32	278	12.91	3.38	-49.70	-12.15	-34.17	24.15	-20.05	-746.28	-25.92	-740.41	65.03
		264	17.68	3.76	-73.51	-10.76	-59.00	30.18	-181.78	-1033.88	-199.91	-1015.74	122.98
		266	11.75	3.51	-58.58	-4.59	-50.48	20.91	-22.90	-644.16	-30.32	-636.74	-67.48
		279	10.10	0.12	-49.60	-10.81	-38.67	20.59	7.83	-565.59	2.39	-560.15	-55.58
171	37	278	11.13	2.65	-43.30	-10.44	-30.20	20.74	-16.39	-640.56	-21.35	-635.60	55.40
		264	15.22	3.22	-64.02	-9.35	-51.46	26.21	-155.25	-886.71	-170.68	-871.28	105.11
		266	10.13	3.07	-51.21	-3.99	-44.15	18.26	-19.02	-552.84	-25.36	-546.50	-57.81
		279	8.73	-0.08	-43.30	-9.27	-34.10	17.69	7.57	-485.82	2.95	-481.19	-47.53
172	7	279	13.69	-0.02	-67.86	-12.61	-55.28	26.37	33.93	-751.09	21.11	-738.27	-99.51
		266	16.17	2.29	-84.65	-8.59	-73.78	28.76	-73.18	-891.57	-81.79	-882.96	-83.48
		268	10.89	0.91	-74.96	-6.51	-67.53	22.54	88.11	-532.53	28.52	-472.94	-182.85
		280	9.77	-2.83	-64.45	-10.83	-56.45	20.71	124.97	-473.79	71.56	-420.38	-170.67
172	31	279	10.09	-0.09	-50.23	-9.29	-41.04	19.40	25.20	-552.42	15.79	-543.01	-73.12
		266	11.91	1.68	-62.65	-6.35	-54.62	21.25	-53.60	-655.58	-59.92	-649.26	-61.37
		268	8.02	0.68	-55.51	-4.80	-50.03	16.67	64.84	-391.51	21.13	-347.80	-134.31
		280	7.20	-2.13	-47.74	-7.97	-41.91	15.23	91.97	-348.38	52.84	-309.25	-125.29
172	37	279	8.73	-0.32	-44.18	-8.03	-36.46	16.70	22.45	-474.54	14.44	-466.52	-62.60
		266	10.29	1.42	-55.04	-5.55	-48.07	18.57	-45.31	-562.65	-50.71	-557.24	-52.61
		268	6.94	0.61	-48.90	-4.17	-44.12	14.62	55.83	-335.81	18.65	-298.63	-114.80
		280	6.25	-2.00	-42.11	-6.86	-37.24	13.09	79.18	-298.96	46.08	-265.85	-106.88
173	7	280	9.90	-3.35	-67.20	-10.25	-60.30	19.83	128.10	-471.51	67.46	-410.87	-180.77
		268	10.99	-0.08	-78.53	-6.62	-71.99	21.68	77.99	-534.12	13.04	-469.18	-188.51
		270	7.44	-0.89	-72.52	-5.23	-68.19	17.08	231.16	-240.40	79.17	-88.40	-220.39
		281	6.83	-4.55	-64.75	-8.51	-60.80	14.91	238.68	-205.30	109.16	-75.78	-201.81
173	31	280	7.30	-2.54	-49.87	-7.57	-44.84	14.58	94.27	-346.69	49.84	-302.26	-132.73
		268	8.10	-0.08	-58.24	-4.90	-53.42	16.04	57.40	-392.69	9.75	-345.04	-138.48
		270	5.48	-0.66	-53.83	-3.86	-50.63	12.64	169.84	-176.54	58.31	-65.01	-161.84
		281	5.02	-3.40	-48.09	-6.27	-45.22	10.95	175.34	-150.68	80.42	-55.76	-148.11
173	37	280	6.35	-2.41	-44.27	-6.58	-40.10	12.53	81.14	-297.50	43.51	-259.87	-113.28
		268	7.02	-0.11	-51.60	-4.30	-47.41	14.08	49.45	-336.81	8.91	-296.27	-118.39
		270	4.72	-0.58	-47.81	-3.36	-45.03	11.12	145.31	-150.76	50.37	-55.81	-138.19
		281	4.29	-3.09	-42.82	-5.44	-40.48	9.36	149.97	-128.41	69.53	-47.97	-126.19
174	7	281	6.86	-5.12	-67.84	-8.37	-64.59	13.91	238.36	-204.90	100.43	-66.96	-205.22
		270	7.47	-1.50	-75.89	-5.10	-72.29	15.97	227.95	-241.82	67.21	-81.07	-222.88
		272	9.77	-2.40	-72.02	-4.42	-70.00	11.68	444.01	-20.42	121.42	302.17	-213.91
		282	8.80	-5.97	-66.32	-7.54	-64.76	9.60	414.63	1.70	136.37	279.96	-193.58
174	31	281	5.04	-3.84	-50.47	-6.19	-48.12	10.21	175.11	-150.38	74.01	-49.28	-150.62
		270	5.50	-1.13	-56.42	-3.78	-53.76	11.82	167.48	-177.58	49.52	-59.62	-163.67
		272	7.21	-1.79	-53.58	-3.28	-52.09	8.64	326.32	-14.77	89.32	222.23	-157.06
		282	6.49	-4.46	-49.37	-5.58	-48.25	7.02	304.70	1.61	100.36	205.95	-142.05
174	37	281	4.32	-3.53	-45.21	-5.44	-43.30	8.71	149.76	-128.14	64.05	-42.43	-128.35
		270	4.75	-1.05	-50.40	-3.35	-48.10	10.40	143.29	-151.64	42.85	-51.20	-139.77
		272	6.25	-1.62	-47.96	-2.90	-46.69	7.58	279.51	-11.85	76.79	190.87	-134.05
		282	5.62	-4.04	-44.32	-4.92	-43.44	5.90	260.92	2.55	86.43	177.04	-120.98
175	7	282	8.93	-6.59	-69.48	-7.67	-68.40	8.18	415.85	1.24	128.10	288.99	-191.06

		272	9.89	-2.77	-75.48	-4.34	-73.91	10.56	442.16	-22.04	111.39	308.73	-210.08
		274	13.99	-5.91	-72.50	-6.40	-72.02	5.67	763.41	127.19	171.72	718.89	-162.31
		283	12.59	-8.67	-68.02	-9.12	-67.57	5.11	685.13	123.60	162.72	646.01	-142.96
175	31	282	6.59	-4.93	-51.80	-5.70	-51.03	5.96	305.60	1.27	94.29	212.58	-140.20
		272	7.30	-2.08	-56.23	-3.24	-55.08	7.82	324.96	-15.95	81.96	227.05	-154.25
		274	10.32	-4.43	-54.04	-4.78	-53.69	4.16	561.29	93.62	126.26	528.65	-119.18
		283	9.29	-6.49	-50.73	-6.80	-50.42	3.70	503.84	91.04	119.69	475.19	-104.92
175	37	282	5.72	-4.51	-46.76	-5.10	-46.17	4.94	261.70	2.26	81.25	182.71	-119.39
		272	6.35	-1.93	-50.62	-2.92	-49.63	6.87	278.35	-12.86	70.50	194.99	-131.63
		274	8.96	-4.05	-48.72	-4.33	-48.44	3.55	481.56	80.63	108.37	453.83	-101.73
		283	8.08	-5.90	-45.85	-6.13	-45.63	2.97	432.61	78.63	102.87	408.37	-89.41
176	7	283	12.74	-9.51	-71.07	-9.58	-71.00	2.02	688.57	124.58	155.97	657.17	-129.31
		274	14.20	-6.33	-75.99	-6.80	-75.51	5.73	764.96	128.18	165.42	727.72	-149.42
		275	19.46	-13.94	-72.12	-13.95	-72.12	-0.67	1174.70	234.04	235.31	1173.43	-34.55
		284	16.83	-13.27	-69.39	-13.73	-68.93	5.07	992.27	196.35	197.20	991.41	-26.04
176	31	283	9.41	-7.12	-53.09	-7.16	-53.05	1.35	506.38	91.75	114.74	483.39	-94.89
		274	10.48	-4.75	-56.72	-5.10	-56.37	4.25	562.43	94.34	121.64	535.13	-109.70
		275	14.35	-10.41	-53.86	-10.42	-53.85	-0.62	863.71	172.08	173.01	862.78	-25.39
		284	12.42	-9.93	-51.84	-10.26	-51.50	3.73	729.79	144.41	145.03	729.16	-19.13
176	37	283	8.19	-6.51	-48.24	-6.52	-48.22	0.73	434.82	79.22	98.65	415.39	-80.83
		274	9.11	-4.39	-51.40	-4.69	-51.09	3.76	482.54	81.24	104.42	459.36	-93.61
		275	12.43	-9.43	-48.89	-9.45	-48.87	-0.94	741.08	147.64	148.44	740.29	-21.71
		284	10.78	-9.06	-47.10	-9.33	-46.83	3.20	626.87	124.03	124.57	626.34	-16.35
177	8	286	11.96	21.40	5.12	19.80	6.71	-4.84	244.03	-591.07	-389.28	42.24	357.49
		277	25.37	2.50	-14.72	0.94	-13.16	4.95	457.71	-1394.32	-755.55	-181.05	880.34
		276	26.17	9.15	-56.18	-38.66	-8.37	28.94	235.37	-1477.10	-226.14	-1015.60	759.82
		285	16.33	0.51	-27.64	-16.96	-10.18	13.66	148.85	-928.74	-166.92	-612.97	490.47
177	32	286	8.79	15.80	3.69	14.61	4.87	-3.59	179.25	-434.17	-285.98	31.07	262.57
		277	18.65	1.88	-10.89	0.71	-9.72	3.69	336.38	-1024.65	-555.20	-133.07	646.95
		276	19.24	6.76	-41.36	-28.42	-6.19	21.34	172.94	-1085.62	-166.00	-746.68	558.30
		285	12.00	0.33	-20.30	-12.42	-7.55	10.02	109.23	-682.49	-122.45	-450.81	360.21
177	37	286	7.53	13.79	2.93	12.76	3.97	-3.19	153.23	-371.16	-244.61	26.67	224.38
		277	15.98	1.78	-9.55	0.70	-8.47	3.33	288.09	-877.41	-475.31	-114.00	554.04
		276	16.50	5.90	-35.65	-24.33	-5.42	18.50	148.01	-930.07	-141.58	-640.48	477.85
		285	10.27	0.15	-17.33	-10.49	-6.69	8.53	93.03	-584.36	-104.16	-387.17	307.72
178	8	285	13.08	2.95	-22.87	-13.34	-6.59	12.46	78.89	-773.17	-84.39	-609.89	335.35
		276	24.16	6.32	-69.50	-32.81	-30.37	37.89	34.46	-1387.64	-245.16	-1108.03	565.21
		278	17.86	7.49	-65.86	-18.39	-39.98	35.05	-23.70	-1046.06	-36.95	-1032.81	115.61
		287	13.75	1.50	-47.00	-21.50	-24.00	24.22	59.28	-803.57	46.16	-790.45	105.57
178	32	285	9.62	2.06	-16.86	-9.78	-5.01	9.16	57.92	-568.26	-61.78	-448.56	246.23
		276	17.77	4.64	-51.25	-24.14	-22.48	27.94	25.33	-1019.93	-179.98	-814.62	415.27
		278	13.14	5.53	-48.60	-13.53	-29.54	25.86	-17.18	-769.19	-26.89	-759.48	84.88
		287	10.12	1.03	-34.64	-15.80	-17.82	17.80	43.86	-591.08	34.27	-581.48	77.46
178	37	285	8.26	1.45	-14.58	-8.30	-4.84	7.82	49.45	-486.87	-52.15	-385.27	210.16
		276	15.25	3.97	-44.45	-20.72	-19.76	24.20	21.71	-873.99	-153.55	-698.73	355.33
		278	11.31	4.82	-42.27	-11.64	-25.81	22.45	-13.95	-660.17	-22.17	-651.95	72.43
		287	8.73	0.63	-29.97	-13.49	-15.84	15.26	38.54	-507.96	30.46	-499.88	65.95
179	8	287	13.21	0.49	-44.84	-18.29	-26.07	22.33	62.76	-765.70	57.01	-759.95	68.78
		278	17.97	5.24	-72.37	-20.28	-46.85	36.46	-53.56	-1044.82	-66.63	-1031.75	113.06
		279	13.56	2.69	-66.20	-13.41	-50.10	29.15	39.04	-754.12	29.25	-744.32	-87.60
		288	11.68	-3.00	-50.78	-17.59	-36.19	22.00	115.04	-640.09	107.63	-632.68	-74.43
179	32	287	9.73	0.25	-33.14	-13.45	-19.44	16.42	46.44	-563.26	42.24	-559.06	50.41
		278	13.23	3.84	-53.48	-14.94	-34.71	26.90	-39.14	-768.28	-48.71	-758.70	83.00
		279	9.99	1.98	-48.96	-9.88	-37.10	21.53	28.96	-554.64	21.77	-547.46	-64.36
		288	8.61	-2.30	-37.54	-12.94	-26.90	16.18	84.89	-470.98	79.47	-465.55	-54.65
179	37	287	8.41	-0.14	-28.98	-11.55	-17.56	14.10	40.78	-484.17	37.28	-480.66	42.74
		278	11.40	3.24	-46.76	-12.91	-30.61	23.38	-32.78	-659.38	-40.88	-651.28	70.80
		279	8.62	1.71	-42.92	-8.54	-32.67	18.77	25.67	-476.42	19.56	-470.31	-55.05
		288	7.46	-2.26	-32.86	-11.11	-24.00	13.88	73.84	-405.22	69.26	-400.63	-46.64
180	8	288	11.65	-3.95	-52.20	-16.58	-39.57	21.21	116.71	-628.39	105.87	-617.56	-89.19
		279	13.65	1.17	-69.83	-13.94	-54.72	29.06	29.62	-752.82	18.18	-741.39	-93.90
		280	9.70	-1.25	-65.27	-11.01	-55.51	23.01	132.42	-472.46	78.05	-418.09	-173.02
		289	8.85	-6.54	-53.32	-14.39	-45.47	17.48	170.86	-412.77	130.09	-371.99	-148.79
180	32	288	8.59	-3.02	-38.68	-12.21	-29.49	15.60	86.11	-462.38	78.18	-454.44	-65.51
		279	10.06	0.83	-51.73	-10.29	-40.61	21.47	22.03	-553.69	13.64	-545.30	-69.00
		280	7.15	-0.93	-48.38	-8.12	-41.20	17.01	97.45	-347.39	57.61	-307.56	-127.02
		289	6.53	-4.90	-39.54	-10.60	-33.84	12.84	125.74	-303.60	95.93	-273.79	-109.13
180	37	288	7.46	-2.96	-34.16	-10.56	-26.55	13.39	74.88	-397.83	68.15	-391.11	-55.99
		279	8.70	0.62	-45.63	-8.95	-36.06	18.74	19.73	-475.61	12.59	-468.46	-59.06
		280	6.20	-0.84	-42.78	-7.04	-36.59	14.88	83.87	-298.08	50.16	-264.37	-108.35
		289	5.68	-4.48	-35.02	-9.15	-30.35	10.99	108.25	-260.81	83.24	-235.79	-92.77
181	7	289	8.91	-7.28	-55.92	-14.07	-49.14	16.85	170.46	-408.32	123.66	-361.52	-157.80
		280	9.80	-2.19	-68.50	-10.88	-59.81	22.37	128.51	-471.11	68.46	-411.07	-179.99
		281	7.05	-3.56	-65.52	-8.90	-60.17	17.40	240.19	-205.24	110.53	-75.57	-202.34
		290	6.06	-8.11	-56.65	-11.83	-52.93	12.91	235.61	-165.25	137.51	-67.15	-172.33
181	31	289	6.58	-5.46	-41.56	-10.38	-36.64	12.38	125.44	-300.32	91.21	-266.09	-115.77
		280	7.23	-1.65	-50.86	-8.04	-44.48	16.54	94.57	-346.40	50.57	-302.40	-132.15

		281	5.19	-2.64	-48.68	-6.58	-44.75	12.87	176.46	-150.64	81.43	-55.61	-148.50
		290	4.45	-6.04	-42.13	-8.73	-39.44	9.47	173.06	-121.19	101.32	-49.45	-126.35
181	37	289	5.74	-5.01	-37.09	-9.03	-33.08	10.61	107.99	-258.01	79.21	-229.23	-98.50
		280	6.28	-1.53	-45.25	-7.03	-39.76	14.49	81.41	-297.25	44.15	-259.99	-112.79
		281	4.46	-2.36	-43.39	-5.74	-40.01	11.28	150.92	-128.37	70.39	-47.84	-126.52
		290	3.79	-5.43	-37.69	-7.59	-35.53	8.06	147.95	-102.98	87.63	-42.66	-107.23
182	7	290	6.08	-8.72	-59.61	-11.80	-56.53	12.12	235.64	-163.58	129.79	-57.73	-176.22
		281	7.08	-4.22	-68.77	-8.76	-64.23	16.49	238.80	-204.94	100.87	-67.01	-205.38
		282	8.93	-5.39	-66.76	-7.87	-64.28	12.08	414.42	1.20	135.72	279.90	-193.62
		291	7.73	-8.94	-60.24	-10.48	-58.70	8.74	370.44	25.94	140.47	255.91	-162.29
182	31	290	4.47	-6.51	-44.41	-8.73	-42.19	8.89	173.08	-119.96	95.65	-42.53	-129.21
		281	5.21	-3.16	-51.18	-6.49	-47.85	12.20	175.43	-150.41	74.34	-49.31	-150.74
		282	6.59	-4.02	-49.71	-5.84	-47.89	8.93	304.55	1.24	99.89	205.90	-142.09
		291	5.70	-6.66	-44.90	-7.76	-43.80	6.39	272.20	19.56	103.43	188.33	-118.97
182	37	290	3.82	-5.90	-39.99	-7.66	-38.22	7.55	147.96	-101.91	82.81	-36.76	-109.70
		281	4.49	-2.87	-45.89	-5.72	-43.04	10.70	150.04	-128.17	64.34	-42.46	-128.45
		282	5.72	-3.62	-44.64	-5.17	-43.09	7.81	260.79	2.23	86.02	177.00	-121.01
		291	4.94	-6.00	-40.47	-6.85	-39.62	5.36	232.99	18.37	89.22	162.14	-100.93
183	7	291	7.87	-9.61	-63.24	-10.70	-62.15	7.56	372.37	25.89	133.08	265.19	-160.15
		282	9.08	-5.93	-70.10	-7.91	-68.12	11.10	415.37	0.50	127.12	288.75	-191.05
		283	12.63	-8.40	-68.17	-9.24	-67.33	7.04	683.96	122.51	161.27	645.20	-142.34
		292	11.20	-10.42	-63.30	-11.02	-62.71	5.56	603.30	117.37	146.16	574.51	-114.71
183	31	291	5.80	-7.18	-47.21	-7.95	-46.44	5.50	273.62	19.52	98.00	195.14	-117.40
		282	6.70	-4.44	-52.27	-5.89	-50.82	8.20	305.25	0.72	93.57	212.40	-140.19
		283	9.32	-6.28	-50.85	-6.89	-50.24	5.18	502.98	90.24	118.63	474.59	-104.47
		292	8.27	-7.79	-47.26	-8.20	-46.84	4.04	443.83	86.53	107.57	422.79	-84.11
183	37	291	5.04	-6.51	-42.80	-7.08	-42.22	4.54	234.23	18.33	84.61	167.95	-99.58
		282	5.83	-4.05	-47.20	-5.28	-45.97	7.18	261.40	1.79	80.63	182.55	-119.38
		283	8.10	-5.72	-45.95	-6.22	-45.45	4.45	431.88	77.94	101.96	407.86	-89.02
		292	7.20	-7.07	-42.86	-7.38	-42.55	3.30	381.61	74.98	92.63	363.96	-71.41
184	7	292	11.33	-11.33	-66.16	-11.47	-66.03	2.73	605.32	118.19	140.63	582.88	-102.11
		283	12.85	-8.80	-71.69	-9.67	-70.81	7.35	686.46	123.43	154.60	655.29	-128.75
		284	16.82	-13.55	-69.01	-13.63	-68.94	2.01	992.42	196.43	197.29	991.56	-26.18
		293	14.70	-12.42	-66.11	-13.17	-65.36	6.31	848.52	167.16	167.74	847.95	-19.83
184	31	292	8.37	-8.48	-49.47	-8.56	-49.39	1.89	445.32	87.12	103.51	428.93	-74.85
		283	9.48	-6.59	-53.55	-7.23	-52.91	5.45	504.83	90.91	113.73	482.00	-94.49
		284	12.41	-10.13	-51.56	-10.18	-51.51	1.37	729.90	144.47	145.10	729.27	-19.23
		293	10.85	-9.30	-49.42	-9.85	-48.88	4.65	624.35	123.00	123.42	623.93	-14.56
184	37	292	7.30	-7.72	-45.11	-7.76	-45.07	1.23	382.94	75.45	89.17	369.22	-63.49
		283	8.26	-6.04	-48.65	-6.59	-48.09	4.83	433.49	78.50	97.79	414.20	-80.48
		284	10.78	-9.23	-46.86	-9.25	-46.84	0.84	626.95	124.09	124.62	626.42	-16.43
		293	9.45	-8.53	-45.03	-8.98	-44.58	4.03	537.22	105.82	106.18	536.86	-12.42
185	8	295	6.63	23.70	-0.79	23.55	-0.64	-1.88	102.84	-320.64	-221.69	3.89	179.20
		286	12.64	16.66	-1.79	16.64	-1.78	0.51	232.07	-673.82	-414.91	-26.83	409.28
		285	15.64	5.48	-26.27	-16.64	-4.14	14.60	149.48	-888.14	-142.59	-596.07	466.64
		294	8.53	2.41	-9.38	-2.99	-3.98	5.87	61.11	-504.43	-44.84	-398.49	220.66
185	32	295	4.87	17.50	-0.65	17.39	-0.53	-1.42	75.38	-235.31	-162.81	2.88	131.41
		286	9.28	12.28	-1.36	12.27	-1.35	0.42	170.46	-494.99	-304.82	-19.71	300.64
		285	11.50	4.07	-19.37	-12.22	-3.08	10.80	109.71	-652.66	-104.57	-438.38	342.70
		294	6.27	1.75	-6.89	-2.15	-2.99	4.30	44.69	-370.67	-32.69	-293.29	161.72
185	37	295	4.17	15.29	-0.77	15.18	-0.66	-1.32	63.92	-200.47	-139.10	2.55	111.62
		286	7.93	10.67	-1.31	10.65	-1.29	0.53	145.69	-423.28	-260.75	-16.84	257.01
		285	9.86	3.62	-16.78	-10.40	-2.76	9.46	93.48	-558.82	-88.83	-376.51	292.72
		294	5.36	1.44	-5.88	-1.66	-2.78	3.62	37.59	-317.33	-27.13	-252.61	137.05
186	8	294	8.00	2.06	-11.36	-3.17	-6.13	6.54	42.03	-477.18	-11.67	-423.49	158.10
		285	13.98	4.43	-30.54	-15.09	-11.02	17.36	64.66	-811.49	-102.83	-644.00	344.52
		287	13.41	4.07	-45.85	-20.25	-21.52	24.95	65.72	-784.35	54.98	-773.61	94.94
		296	10.49	-1.85	-27.99	-16.01	-13.83	13.03	121.27	-605.21	119.13	-603.06	39.42
186	32	294	5.89	1.46	-8.43	-2.30	-4.67	4.80	30.85	-350.83	-8.30	-311.68	115.80
		285	10.28	3.25	-22.59	-11.10	-8.25	12.84	47.47	-596.43	-75.33	-473.62	252.97
		287	9.87	3.00	-33.87	-14.90	-15.97	18.43	48.60	-576.96	40.75	-569.10	69.64
		296	7.73	-1.45	-20.65	-11.76	-10.34	9.57	89.53	-445.54	87.97	-443.99	28.78
186	37	294	5.07	1.10	-7.51	-1.86	-4.54	4.09	26.31	-300.94	-6.21	-268.42	97.90
		285	8.84	2.78	-19.83	-9.51	-7.54	11.26	40.50	-511.01	-63.76	-406.75	215.94
		287	8.52	2.60	-29.57	-12.80	-14.17	16.07	42.61	-495.86	36.01	-489.26	59.25
		296	6.70	-1.55	-17.91	-10.04	-9.43	8.17	77.98	-384.08	76.73	-382.83	24.02
187	8	296	10.48	-3.10	-29.39	-15.30	-17.19	13.11	120.40	-596.66	119.98	-596.25	17.19
		287	13.33	2.51	-48.50	-19.22	-26.76	25.23	56.14	-770.98	49.84	-764.67	71.95
		288	11.58	-0.82	-51.74	-17.57	-34.98	23.92	119.67	-634.99	111.85	-627.16	-76.44
		297	10.34	-7.76	-36.71	-18.30	-26.17	13.93	174.71	-547.23	168.81	-541.33	-64.97
187	32	296	7.73	-2.41	-21.76	-11.26	-12.91	9.64	88.89	-439.27	88.60	-438.98	12.43
		287	9.82	1.81	-35.91	-14.16	-19.93	18.64	41.57	-567.14	36.96	-562.54	52.74
		288	8.53	-0.62	-38.31	-12.95	-25.98	17.68	88.30	-467.23	82.57	-461.50	-56.13
		297	7.63	-5.83	-27.17	-13.47	-19.53	10.23	128.82	-402.96	124.51	-398.65	-47.66
187	37	296	6.71	-2.48	-19.16	-9.68	-11.96	8.26	77.46	-378.75	77.25	-378.53	9.99
		287	8.49	1.45	-31.60	-12.23	-17.93	16.28	36.60	-487.47	32.76	-483.63	44.74
		288	7.39	-0.61	-33.72	-11.19	-23.14	15.44	76.76	-401.99	71.92	-397.15	-47.91

188	8	297	6.63	-5.39	-23.89	-11.59	-17.69	8.73	111.72	-347.67	108.12	-344.07	-40.52
		297	10.35	-8.83	-38.76	-17.87	-29.72	13.75	172.19	-539.67	163.34	-530.82	-78.86
		288	11.60	-2.11	-54.40	-17.23	-39.28	23.70	115.53	-628.01	105.00	-617.48	-87.85
		289	8.75	-4.89	-54.57	-14.78	-44.67	19.84	172.91	-411.54	132.00	-370.64	-149.11
188	32	298	8.14	-11.23	-42.82	-16.57	-37.47	11.85	193.95	-360.07	169.55	-335.67	-113.67
		297	7.64	-6.64	-28.78	-13.17	-22.24	10.10	126.96	-397.39	120.50	-390.92	-57.88
		288	8.56	-1.61	-40.36	-12.71	-29.26	17.52	85.25	-462.09	77.53	-454.38	-64.53
		289	6.46	-3.63	-40.50	-10.90	-33.23	14.67	127.24	-302.69	97.34	-272.79	-109.37
188	37	298	6.01	-8.36	-31.81	-12.21	-27.96	8.69	142.76	-265.00	125.00	-247.25	-83.21
		297	6.66	-6.15	-25.59	-11.40	-20.34	8.64	110.11	-342.88	104.67	-337.44	-49.33
		288	7.42	-1.56	-35.79	-11.04	-26.31	15.32	74.14	-397.58	67.61	-391.05	-55.15
		289	5.61	-3.25	-35.98	-9.47	-29.76	12.84	109.54	-260.03	84.45	-234.94	-92.98
189	7	298	5.24	-7.50	-28.37	-10.56	-25.31	7.39	122.99	-228.20	108.34	-213.55	-70.23
		298	8.18	-11.91	-45.51	-16.44	-40.98	11.48	192.35	-355.24	163.05	-325.93	-123.24
		289	8.82	-5.83	-57.47	-14.55	-48.75	19.34	170.77	-407.79	124.23	-361.25	-157.36
		290	6.26	-7.01	-57.55	-12.24	-52.32	15.40	236.10	-164.97	138.15	-67.02	-172.31
189	31	299	5.03	-11.59	-49.14	-14.02	-46.71	9.24	215.56	-123.02	154.94	-62.40	-129.80
		298	6.04	-8.88	-33.90	-12.14	-30.64	8.42	141.58	-261.44	120.23	-240.09	-90.27
		289	6.51	-4.35	-42.74	-10.75	-36.34	14.31	125.67	-299.93	91.64	-265.90	-115.44
		290	4.60	-5.20	-42.82	-9.04	-38.98	11.39	173.43	-120.99	101.79	-49.35	-126.33
189	37	299	3.71	-8.61	-36.62	-10.35	-34.87	6.76	158.32	-90.13	114.18	-45.99	-94.97
		298	5.28	-7.99	-30.52	-10.57	-27.94	7.17	121.96	-225.14	104.28	-207.46	-76.33
		289	5.67	-3.94	-38.24	-9.39	-32.79	12.54	108.19	-257.67	79.58	-229.06	-98.23
		290	3.95	-4.63	-38.35	-7.91	-35.08	9.99	148.26	-102.81	88.03	-42.58	-107.21
190	8	299	3.25	-7.65	-32.99	-9.02	-31.62	5.72	135.29	-76.32	98.80	-39.82	-79.94
		299	5.08	-12.14	-52.09	-14.13	-50.10	8.68	215.48	-120.65	148.56	-53.73	-134.22
		290	6.29	-7.68	-60.67	-12.15	-56.21	14.72	235.69	-163.43	130.09	-57.83	-176.05
		291	7.84	-8.25	-60.76	-10.78	-58.23	11.25	369.94	25.89	140.33	255.49	-162.10
190	32	300	6.53	-11.19	-54.75	-12.31	-53.63	6.90	315.79	56.97	139.85	232.91	-120.76
		299	3.76	-9.03	-38.89	-10.45	-37.47	6.35	158.25	-88.38	109.50	-39.63	-98.22
		290	4.63	-5.72	-45.22	-8.99	-41.95	10.88	173.12	-119.85	95.88	-42.60	-129.09
		291	5.79	-6.14	-45.29	-7.99	-43.44	8.31	271.83	19.52	103.33	188.03	-118.83
190	37	300	4.82	-8.33	-40.87	-9.12	-40.07	5.03	232.01	42.52	103.02	171.52	-88.34
		299	3.30	-8.09	-35.26	-9.17	-34.18	5.33	135.22	-74.74	94.84	-34.36	-82.75
		290	3.97	-5.16	-40.76	-7.92	-38.00	9.53	148.00	-101.77	83.00	-36.78	-109.59
		291	5.03	-5.52	-40.85	-7.08	-39.29	7.27	232.70	18.36	89.14	161.92	-100.80
191	7	300	4.19	-7.45	-37.04	-8.05	-36.44	4.17	198.51	38.56	89.02	148.06	-74.33
		300	6.68	-11.87	-57.68	-12.64	-56.92	5.87	317.91	57.25	134.05	241.10	-118.83
		291	8.00	-8.87	-63.99	-10.92	-61.94	10.43	371.77	25.84	132.88	264.74	-159.90
		292	11.23	-10.08	-63.53	-11.15	-62.46	7.49	602.55	117.18	145.92	573.81	-114.55
191	31	301	9.97	-11.47	-59.03	-12.04	-58.46	5.17	532.62	115.69	132.97	515.35	-83.09
		300	4.93	-8.84	-43.13	-9.38	-42.59	4.26	233.57	42.72	98.77	177.52	-86.92
		291	5.91	-6.62	-47.78	-8.12	-46.28	7.72	273.18	19.49	97.86	194.81	-117.22
		292	8.29	-7.53	-47.43	-8.31	-46.65	5.52	443.28	86.38	107.39	422.27	-83.99
191	37	301	7.37	-8.56	-44.12	-8.96	-43.72	3.76	392.07	85.35	97.92	379.50	-60.80
		300	4.30	-7.95	-39.31	-8.35	-38.92	3.48	199.85	38.70	85.43	153.12	-73.12
		291	5.15	-5.98	-43.34	-7.25	-42.07	6.76	233.85	18.30	84.48	167.67	-99.42
		292	7.23	-6.84	-43.01	-7.48	-42.37	4.78	381.14	74.85	92.47	363.52	-71.31
192	7	301	6.44	-7.75	-40.17	-8.05	-39.88	3.08	337.89	74.16	84.52	327.54	-51.22
		301	10.10	-12.39	-61.80	-12.53	-61.67	2.54	534.73	116.18	129.04	521.86	-72.24
		292	11.43	-10.45	-67.02	-11.59	-65.88	7.97	604.51	118.00	140.43	582.08	-102.03
		293	14.68	-12.86	-65.55	-13.07	-65.34	3.32	848.50	167.18	167.76	847.92	-19.93
192	31	302	13.09	-11.71	-62.79	-12.57	-61.93	6.57	743.07	145.92	146.28	742.71	-14.61
		301	7.47	-9.26	-46.27	-9.34	-46.18	1.76	393.64	85.70	95.05	384.29	-52.83
		292	8.45	-7.81	-50.12	-8.66	-49.27	5.91	444.73	86.98	103.36	428.34	-74.79
		293	10.84	-9.63	-49.01	-9.77	-48.87	2.36	624.34	123.01	123.44	623.91	-14.63
192	37	302	9.67	-8.78	-46.99	-9.41	-46.36	4.85	547.14	107.44	107.70	546.88	-10.71
		301	6.55	-8.41	-42.36	-8.45	-42.32	1.15	339.29	74.43	82.09	331.62	-44.40
		292	7.38	-7.12	-45.69	-7.85	-44.96	5.26	382.43	75.33	89.05	368.71	-63.44
		293	9.44	-8.82	-44.66	-8.90	-44.58	1.74	537.20	105.83	106.19	536.84	-12.48
193	8	302	8.46	-8.08	-42.95	-8.60	-42.43	4.24	472.03	92.68	92.90	471.81	-9.10
		304	3.22	27.27	-1.64	27.21	-1.58	-1.32	16.30	-117.09	-106.95	6.16	35.36
		295	6.55	22.39	-0.95	22.37	-0.93	0.80	103.79	-330.29	-223.98	-2.52	186.67
		294	8.67	5.19	-11.66	-3.98	-2.49	8.39	61.71	-507.39	-44.64	-401.04	221.85
193	32	303	5.42	4.65	-3.89	3.33	-2.57	3.09	33.43	-326.02	32.02	-324.62	22.42
		304	2.37	20.14	-1.27	20.10	-1.23	-1.00	11.77	-85.73	-78.52	4.56	25.50
		295	4.81	16.51	-0.74	16.49	-0.72	0.64	76.07	-242.40	-164.50	-1.83	136.90
		294	6.38	3.87	-8.64	-2.91	-1.86	6.23	45.14	-372.85	-32.54	-295.16	162.59
193	37	303	4.00	3.44	-2.89	2.50	-1.95	2.25	24.77	-240.17	23.84	-239.23	15.73
		304	2.04	17.61	-1.31	17.56	-1.26	-0.96	9.41	-72.39	-67.00	4.03	20.29
		295	4.10	14.35	-0.77	14.32	-0.74	0.71	64.51	-206.55	-140.54	-1.49	116.34
		294	5.47	3.50	-7.61	-2.40	-1.71	5.55	37.99	-319.20	-27.01	-254.20	137.81
194	8	303	3.47	3.04	-2.59	2.34	-1.89	1.86	21.93	-207.57	21.40	-207.04	11.05
		303	6.00	3.83	-6.68	2.43	-5.28	3.56	53.12	-347.60	53.09	-347.58	3.17
		294	8.28	4.33	-14.87	-4.16	-6.38	9.54	40.61	-486.36	-13.92	-431.83	160.50
		296	10.45	0.90	-30.19	-16.32	-12.98	15.45	120.97	-603.37	119.08	-601.49	36.92
		305	9.54	-5.40	-17.51	-12.89	-10.02	5.88	167.51	-532.45	166.50	-531.44	-26.65

194	32	303	4.43	2.81	-5.04	1.82	-4.05	2.61	39.35	-256.14	39.34	-256.13	1.69
		294	6.09	3.20	-11.09	-3.05	-4.83	7.09	29.81	-357.57	-9.95	-317.81	117.56
		296	7.70	0.65	-22.35	-12.01	-9.69	11.44	89.31	-444.19	87.94	-442.83	26.94
		305	7.04	-4.09	-12.92	-9.47	-7.54	4.31	123.64	-392.51	122.88	-391.74	-19.87
194	37	303	3.87	2.44	-4.75	1.68	-3.99	2.21	34.74	-221.63	34.74	-221.63	-0.63
		294	5.25	2.81	-10.00	-2.59	-4.61	6.32	25.43	-306.71	-7.62	-273.66	99.42
		296	6.67	0.53	-19.64	-10.33	-8.78	10.05	77.80	-382.91	76.70	-381.81	22.44
		305	6.13	-3.90	-11.23	-8.11	-7.03	3.63	107.64	-340.06	106.93	-339.34	-17.94
195	8	305	9.65	-7.04	-19.28	-12.99	-13.33	6.12	167.23	-530.99	164.77	-528.53	-41.34
		296	10.50	-0.66	-32.32	-15.81	-17.17	15.82	118.58	-597.77	118.19	-597.38	16.70
		297	10.26	-5.39	-38.72	-18.70	-25.41	16.32	175.11	-545.76	169.02	-539.67	-65.96
		306	9.87	-13.76	-25.90	-18.16	-21.50	5.84	204.76	-505.88	200.85	-501.97	-52.61
195	32	305	7.13	-5.33	-14.32	-9.57	-10.08	4.49	123.43	-391.43	121.60	-389.60	-30.67
		296	7.74	-0.54	-24.00	-11.65	-12.88	11.71	87.56	-440.08	87.28	-439.80	12.07
		297	7.57	-4.01	-28.72	-13.78	-18.95	12.08	129.12	-401.87	124.67	-397.43	-48.39
		306	7.29	-10.26	-19.22	-13.37	-16.10	4.27	150.97	-372.91	148.12	-370.07	-38.50
195	37	305	6.22	-5.03	-12.75	-8.26	-9.52	3.81	107.45	-339.15	105.79	-337.49	-27.20
		296	6.72	-0.62	-21.33	-10.09	-11.87	10.32	76.33	-379.42	76.12	-379.21	9.68
		297	6.58	-3.61	-25.43	-11.93	-17.11	10.60	111.98	-346.74	108.26	-343.02	-41.15
		306	6.36	-9.25	-17.06	-11.55	-14.76	3.56	130.88	-323.05	128.55	-320.72	-32.43
196	8	306	9.88	-14.66	-28.32	-18.06	-24.92	5.90	201.30	-499.41	194.93	-493.04	-66.49
		297	10.29	-6.68	-41.07	-18.33	-29.42	16.28	171.85	-539.19	162.93	-530.27	-79.14
		298	8.04	-9.54	-44.29	-17.04	-36.79	14.30	194.45	-359.61	170.03	-335.19	-113.72
		307	7.70	-15.65	-34.89	-17.15	-33.39	5.16	194.49	-327.40	185.21	-318.12	-68.99
196	32	306	7.30	-10.93	-21.11	-13.32	-18.71	4.32	148.41	-368.13	143.77	-363.50	-48.72
		297	7.60	-4.99	-30.54	-13.53	-22.01	12.05	126.72	-397.03	120.19	-390.51	-58.09
		298	5.94	-7.07	-32.94	-12.57	-27.44	10.58	143.13	-264.66	125.35	-246.89	-83.25
		307	5.70	-11.59	-26.03	-12.65	-24.97	3.76	143.22	-241.23	136.53	-234.54	-50.24
196	37	306	6.38	-9.82	-19.06	-11.57	-17.32	3.62	128.65	-318.90	124.81	-315.07	-41.27
		297	6.61	-4.55	-27.30	-11.77	-20.09	10.59	109.90	-342.57	104.42	-337.08	-49.51
		298	5.17	-6.27	-29.45	-10.93	-24.80	9.29	123.32	-227.91	108.65	-213.24	-70.26
		307	4.98	-10.19	-23.54	-10.96	-22.77	3.10	123.59	-208.58	118.32	-203.31	-41.51
197	7	307	7.74	-16.03	-37.85	-17.24	-36.65	4.98	192.59	-322.35	179.95	-309.72	-79.66
		298	8.09	-10.40	-47.10	-16.86	-40.63	13.98	192.53	-354.96	163.28	-325.71	-123.11
		299	5.12	-10.56	-50.02	-14.42	-46.15	11.73	215.55	-122.81	155.22	-62.48	-129.51
		308	4.45	-13.80	-43.97	-14.56	-43.21	4.72	182.40	-86.13	157.52	-61.24	-77.86
197	31	307	5.73	-11.88	-28.31	-12.73	-27.46	3.63	141.80	-237.50	132.68	-228.38	-58.10
		298	5.98	-7.73	-35.11	-12.46	-30.38	10.35	141.71	-261.24	120.40	-239.93	-90.18
		299	3.76	-7.83	-37.28	-10.66	-34.45	8.69	158.31	-89.98	114.38	-46.05	-94.75
		308	3.29	-10.22	-32.84	-10.75	-32.31	3.43	134.00	-63.08	116.10	-45.18	-56.64
197	37	307	5.02	-10.48	-25.85	-11.10	-25.23	3.01	122.35	-205.37	115.06	-198.08	-48.33
		298	5.22	-6.90	-31.67	-10.89	-27.68	9.11	122.08	-224.97	104.43	-207.32	-76.25
		299	3.21	-6.92	-33.61	-9.33	-31.20	7.65	135.29	-76.19	98.97	-39.87	-79.76
		308	2.90	-8.99	-29.84	-9.38	-29.45	2.83	114.63	-53.37	100.50	-39.25	-46.62
198	8	308	4.50	-14.27	-46.94	-14.85	-46.36	4.30	182.21	-83.43	153.21	-54.43	-82.84
		299	5.14	-11.18	-53.11	-14.45	-49.84	11.24	215.35	-120.46	148.75	-53.86	-133.89
		300	6.63	-10.55	-55.28	-12.60	-53.22	9.37	315.28	57.20	139.90	232.59	-120.43
		309	5.49	-12.20	-50.95	-12.72	-50.43	4.47	258.57	91.31	134.26	215.63	-73.07
198	32	308	3.34	-10.58	-35.13	-10.98	-34.72	3.12	133.85	-61.08	112.95	-40.19	-60.31
		299	3.78	-8.31	-39.66	-10.70	-37.27	8.32	158.16	-88.24	109.65	-39.72	-97.98
		300	4.90	-7.84	-41.26	-9.35	-39.76	6.93	231.64	42.69	103.05	171.28	-88.10
		309	4.06	-9.06	-38.09	-9.43	-37.72	3.24	189.97	67.90	98.94	158.93	-53.16
198	37	308	2.95	-9.36	-32.12	-9.64	-31.84	2.52	114.48	-51.57	97.89	-34.98	-49.80
		299	3.23	-7.41	-35.99	-9.42	-33.98	7.30	135.15	-74.62	94.97	-34.45	-82.54
		300	4.27	-7.00	-37.40	-8.27	-36.13	6.08	198.19	38.71	89.05	147.85	-74.12
		309	3.56	-8.06	-34.70	-8.32	-34.44	2.64	162.57	60.73	85.64	137.66	-43.78
199	7	309	5.64	-12.84	-53.83	-13.15	-53.52	3.56	260.85	91.52	130.58	221.79	-71.33
		300	6.80	-11.17	-58.42	-12.84	-56.75	8.72	317.37	57.47	134.11	240.74	-118.51
		301	9.99	-11.10	-59.30	-12.18	-58.23	7.12	532.20	115.72	132.95	514.96	-82.95
		310	9.08	-11.73	-55.86	-12.15	-55.43	4.31	482.19	116.16	123.03	475.31	-49.71
199	31	309	4.18	-9.55	-40.31	-9.77	-40.09	2.57	191.66	68.04	96.26	163.44	-51.89
		300	5.02	-8.32	-43.68	-9.54	-42.46	6.45	233.18	42.89	98.81	177.25	-86.69
		301	7.39	-8.29	-44.33	-9.07	-43.54	5.26	391.76	85.37	97.91	379.22	-60.70
		310	6.72	-8.75	-41.80	-9.05	-41.50	3.13	355.29	85.73	90.68	350.34	-36.18
199	37	309	3.67	-8.54	-36.94	-8.68	-36.80	2.03	164.02	60.81	83.41	141.42	-42.69
		300	4.39	-7.47	-39.83	-8.50	-38.80	5.68	199.51	38.84	85.46	152.89	-72.91
		301	6.46	-7.50	-40.36	-8.16	-39.70	4.58	337.62	74.18	84.51	327.29	-51.13
		310	5.91	-7.90	-38.21	-8.12	-37.99	2.57	307.32	74.60	78.49	303.42	-29.87
200	7	310	9.24	-12.60	-58.61	-12.68	-58.54	1.83	484.71	116.22	120.74	480.19	-40.53
		301	10.19	-11.47	-62.74	-12.65	-61.55	7.70	534.33	116.20	129.04	521.49	-72.15
		302	13.07	-12.20	-62.20	-12.47	-61.93	3.66	742.90	145.88	146.24	742.54	-14.64
		311	12.06	-11.22	-59.99	-12.04	-59.17	6.27	677.85	132.89	133.06	677.68	-9.66
200	31	310	6.84	-9.41	-43.92	-9.45	-43.88	1.25	357.16	85.77	89.00	353.93	-29.44
		301	7.54	-8.57	-46.97	-9.44	-46.09	5.73	393.34	85.71	95.04	384.01	-52.76
		302	9.66	-9.15	-46.55	-9.33	-46.36	2.62	547.02	107.41	107.68	546.76	-10.74
		311	8.92	-8.42	-44.93	-9.02	-44.33	4.65	499.61	97.95	98.07	499.49	-7.06
200	37	310	6.02	-8.53	-40.37	-8.54	-40.36	0.74	308.97	74.60	77.11	306.47	-24.09

		301	6.61	-7.78	-42.99	-8.54	-42.23	5.12	339.03	74.44	82.09	331.38	-44.34
		302	8.45	-8.41	-42.55	-8.53	-42.43	2.01	471.92	92.66	92.88	471.70	-9.12
		311	7.83	-7.76	-41.21	-8.27	-40.70	4.10	432.63	84.81	84.91	432.53	-5.94
201	7	313	3.32	31.18	-1.85	31.15	-1.82	-0.87	82.50	-113.13	-41.53	10.90	-94.23
		304	3.14	26.33	-0.92	26.28	-0.88	1.14	18.08	-119.69	-107.89	6.29	38.55
		303	5.41	6.39	-5.58	2.49	-1.68	5.61	32.51	-327.45	30.77	-325.72	24.95
		312	7.36	5.97	-2.21	5.56	-1.81	1.77	142.49	-394.01	88.46	-339.98	-161.47
201	31	313	2.46	23.04	-1.42	23.02	-1.40	-0.67	61.42	-83.90	-30.53	8.06	-70.05
		304	2.30	19.42	-0.72	19.38	-0.68	0.89	13.07	-87.63	-79.22	4.66	27.86
		303	3.99	4.77	-4.18	1.86	-1.27	4.19	24.09	-241.20	22.91	-240.03	17.59
		312	5.45	4.42	-1.68	4.14	-1.40	1.28	105.65	-291.24	65.35	-250.94	-119.87
201	37	313	2.17	20.14	-1.43	20.12	-1.41	-0.67	55.21	-74.31	-26.18	7.08	-62.59
		304	1.97	16.87	-0.75	16.82	-0.70	0.93	10.50	-73.99	-67.61	4.12	22.32
		303	3.45	4.31	-3.84	1.68	-1.20	3.81	21.30	-208.40	20.60	-207.70	12.66
		312	4.79	3.92	-1.61	3.72	-1.40	1.04	93.50	-254.90	57.08	-218.47	-106.60
202	8	312	7.68	4.44	-4.95	4.05	-4.56	1.87	146.50	-406.47	105.52	-365.50	-144.84
		303	5.96	5.47	-8.50	1.68	-4.71	6.21	52.26	-347.33	52.20	-347.27	5.03
		305	9.60	-2.63	-20.16	-13.49	-9.30	8.51	167.36	-532.22	166.22	-531.09	-28.19
		314	10.59	-9.04	-13.16	-13.12	-9.08	-0.39	212.19	-573.21	203.86	-564.87	-80.50
202	32	312	5.68	3.28	-3.79	3.01	-3.51	1.36	108.46	-300.31	77.93	-269.78	-107.46
		303	4.40	4.06	-6.42	1.24	-3.60	4.64	38.71	-255.92	38.68	-255.89	3.06
		305	7.08	-1.96	-14.96	-9.94	-6.98	6.32	123.54	-392.33	122.68	-391.47	-21.00
		314	7.81	-6.81	-9.70	-9.66	-6.85	-0.32	156.61	-423.15	150.44	-416.97	-59.52
202	37	312	4.99	2.88	-3.72	2.68	-3.52	1.13	95.49	-262.38	67.97	-234.86	-95.34
		303	3.83	3.60	-6.04	1.10	-3.54	4.22	34.17	-221.36	34.17	-221.36	0.56
		305	6.12	-1.79	-13.25	-8.59	-6.45	5.63	107.56	-339.89	106.76	-339.09	-18.92
		314	6.82	-6.36	-8.41	-8.33	-6.44	-0.39	136.31	-368.55	130.86	-363.11	-52.14
203	8	314	10.63	-12.30	-13.59	-13.45	-12.44	-0.40	207.99	-570.66	197.42	-560.10	-90.07
		305	9.58	-4.37	-22.01	-13.54	-12.84	8.81	167.23	-530.13	164.66	-527.56	-42.26
		306	9.80	-11.34	-28.19	-18.75	-20.79	8.36	205.27	-506.27	201.17	-502.17	-53.84
		315	10.20	-16.72	-22.77	-17.95	-21.54	-2.44	209.02	-520.38	208.08	-519.43	-26.25
203	32	314	7.86	-9.26	-10.08	-9.92	-9.42	-0.32	153.49	-421.26	145.68	-413.45	-66.56
		305	7.08	-3.28	-16.40	-9.99	-9.69	6.56	123.44	-390.79	121.52	-388.87	-31.35
		306	7.24	-8.42	-20.96	-13.83	-15.55	6.21	151.35	-373.20	148.37	-370.22	-39.41
		315	7.54	-12.34	-17.04	-13.23	-16.14	-1.84	154.12	-384.07	153.45	-383.40	-18.98
203	37	314	6.88	-8.38	-9.20	-8.62	-8.96	-0.37	133.55	-366.89	126.69	-360.04	-58.18
		305	6.17	-3.04	-14.77	-8.69	-9.13	5.86	107.47	-338.56	105.73	-336.82	-27.80
		306	6.31	-7.49	-18.72	-12.00	-14.21	5.50	131.22	-323.30	128.78	-320.85	-33.22
		315	6.60	-10.72	-15.59	-11.46	-14.84	-1.76	133.66	-334.23	133.17	-333.74	-15.22
204	8	315	10.19	-17.35	-25.46	-18.06	-24.75	-2.29	204.00	-512.20	201.56	-509.77	-41.71
		306	9.83	-12.54	-30.49	-18.57	-24.45	8.48	201.84	-499.51	195.34	-493.00	-67.24
		307	7.63	-14.49	-35.95	-17.68	-32.76	7.63	194.75	-327.88	185.47	-318.59	-69.03
		316	7.57	-15.81	-33.86	-15.97	-33.70	-1.69	174.98	-319.91	174.51	-319.44	-15.21
204	32	315	7.54	-12.81	-19.12	-13.33	-18.60	-1.73	150.41	-378.02	148.66	-376.27	-30.38
		306	7.26	-9.32	-22.75	-13.72	-18.36	6.30	148.82	-368.21	144.08	-363.47	-49.28
		307	5.64	-10.72	-26.81	-13.05	-24.49	5.66	143.40	-241.57	136.73	-234.90	-50.26
		316	5.60	-11.65	-25.34	-11.78	-25.21	-1.29	128.94	-236.06	128.64	-235.75	-10.52
204	37	315	6.61	-11.17	-17.71	-11.61	-17.26	-1.65	130.41	-328.95	129.03	-327.57	-25.12
		306	6.34	-8.33	-20.59	-11.96	-16.96	5.60	129.02	-318.96	125.09	-315.04	-41.75
		307	4.93	-9.41	-24.24	-11.36	-22.29	5.01	123.76	-208.89	118.49	-203.63	-41.53
		316	4.92	-10.09	-23.16	-10.22	-23.03	-1.29	111.58	-205.26	111.43	-205.11	-6.86
205	8	316	7.61	-16.19	-36.75	-16.34	-36.60	-1.75	173.16	-314.79	171.62	-313.24	-27.41
		307	7.68	-15.01	-38.97	-17.67	-36.31	7.52	192.83	-322.71	180.23	-310.11	-79.60
		308	4.34	-13.18	-44.49	-14.96	-42.72	7.24	182.19	-86.25	157.59	-61.65	-77.46
		317	4.06	-13.15	-42.92	-13.15	-42.91	0.31	145.35	-63.78	143.03	-61.46	-21.90
205	32	316	5.64	-11.95	-27.56	-12.07	-27.45	-1.34	127.59	-232.27	126.53	-231.21	-19.52
		307	5.68	-11.12	-29.14	-13.06	-27.20	5.58	141.98	-237.76	132.89	-228.67	-58.06
		308	3.21	-9.76	-33.23	-11.06	-31.93	5.37	133.85	-63.18	116.14	-45.47	-56.34
		317	3.01	-9.71	-32.11	-9.71	-32.11	0.18	106.97	-46.91	105.42	-45.36	-15.35
205	37	316	4.96	-10.42	-25.38	-10.54	-25.26	-1.34	110.39	-201.94	109.69	-201.25	-14.69
		307	4.97	-9.81	-26.58	-11.43	-24.97	4.95	122.51	-205.57	115.25	-198.31	-48.28
		308	2.82	-8.58	-30.17	-9.68	-29.07	4.75	114.51	-53.42	100.56	-39.46	-46.35
		317	2.67	-8.47	-29.32	-8.47	-29.32	-0.01	92.17	-40.31	91.30	-39.44	-10.69
206	8	317	4.13	-13.65	-45.77	-13.65	-45.77	-0.12	145.14	-61.18	141.49	-57.52	-27.21
		308	4.40	-13.71	-47.59	-15.16	-46.15	6.85	182.02	-83.45	153.32	-54.75	-82.42
		309	5.56	-11.74	-51.32	-13.00	-50.06	6.94	258.07	91.63	134.29	215.41	-72.66
		318	4.92	-11.42	-49.52	-11.55	-49.39	2.15	213.89	116.05	122.66	207.29	-24.55
206	32	317	3.07	-10.10	-34.30	-10.10	-34.30	-0.14	106.81	-44.98	104.32	-42.49	-19.26
		308	3.26	-10.16	-35.62	-11.22	-34.56	5.08	133.71	-61.10	113.03	-40.42	-60.00
		309	4.11	-8.71	-38.36	-9.64	-37.44	5.15	189.60	68.13	98.96	158.77	-52.86
		318	3.65	-8.47	-37.06	-8.55	-36.97	1.54	157.46	85.94	90.44	152.96	-17.37
206	37	317	2.73	-8.87	-31.52	-8.87	-31.51	-0.30	92.00	-38.61	90.46	-37.07	-14.09
		308	2.88	-8.99	-32.56	-9.88	-31.67	4.49	114.37	-51.59	97.97	-35.19	-49.53
		309	3.61	-7.75	-34.94	-8.53	-34.16	4.55	162.25	60.93	85.66	137.52	-43.52
		318	3.24	-7.50	-33.88	-7.55	-33.83	1.18	135.85	75.63	78.43	133.05	-12.69
207	7	318	5.07	-12.04	-52.34	-12.08	-52.30	1.28	216.23	115.92	121.36	210.79	-22.71
		309	5.73	-12.35	-54.39	-13.34	-53.40	6.38	260.36	91.84	130.64	221.56	-70.94

		310	9.10	-11.38	-56.13	-12.28	-55.23	6.28	482.03	116.22	123.05	475.20	-49.51
		319	8.67	-11.05	-54.14	-11.33	-53.86	3.47	458.32	115.15	115.99	457.48	-16.94
207	31	318	3.77	-8.94	-39.23	-8.97	-39.20	0.89	159.18	85.83	89.51	155.50	-16.01
		309	4.24	-9.18	-40.73	-9.91	-40.00	4.74	191.30	68.28	96.31	163.27	-51.60
		310	6.74	-8.49	-42.00	-9.15	-41.34	4.65	355.17	85.78	90.69	350.26	-36.04
		319	6.42	-8.24	-40.55	-8.44	-40.35	2.52	338.15	84.99	85.57	337.58	-12.01
207	37	318	3.35	-7.96	-36.08	-7.98	-36.07	0.59	137.32	75.50	77.72	135.10	-11.51
		309	3.74	-8.21	-37.33	-8.83	-36.71	4.20	163.71	61.01	83.45	141.28	-42.44
		310	5.92	-7.67	-38.39	-8.23	-37.83	4.09	307.22	74.64	78.50	303.35	-29.74
		319	5.67	-7.44	-37.18	-7.59	-37.03	2.08	293.95	73.98	74.34	293.60	-8.87
208	7	319	8.83	-11.86	-56.90	-11.88	-56.87	1.09	460.96	115.01	115.24	460.72	-8.96
		310	9.30	-11.77	-59.48	-12.80	-58.45	6.91	484.57	116.28	120.76	480.09	-40.36
		311	12.05	-11.69	-59.44	-11.94	-59.19	3.44	677.78	132.87	133.05	677.61	-9.65
		320	11.66	-10.88	-58.02	-11.64	-57.27	5.91	655.24	128.58	128.62	655.20	-4.91
208	31	319	6.55	-8.85	-42.68	-8.87	-42.66	0.71	340.11	84.89	85.04	339.96	-6.15
		310	6.88	-8.79	-44.58	-9.55	-43.82	5.15	357.06	85.81	89.02	353.85	-29.31
		311	8.92	-8.77	-44.52	-8.94	-44.35	2.47	499.56	97.93	98.06	499.44	-7.06
		320	8.63	-8.17	-43.49	-8.72	-42.94	4.39	483.54	94.88	94.92	483.50	-3.56
208	37	319	5.80	-8.02	-39.33	-8.02	-39.33	0.32	295.67	73.88	73.94	295.60	-3.84
		310	6.06	-7.97	-40.96	-8.64	-40.29	4.65	308.88	74.64	77.12	306.40	-23.98
		311	7.83	-8.08	-40.83	-8.20	-40.72	1.92	432.58	84.80	84.90	432.48	-5.94
		320	7.61	-7.54	-39.99	-8.02	-39.51	3.92	420.61	82.53	82.56	420.58	-2.91
209	7	322	6.96	37.07	-2.64	37.07	-2.64	0.13	249.47	-259.71	-13.02	2.79	-254.47
		313	3.39	30.23	-0.43	30.15	-0.36	1.51	83.25	-106.09	-43.55	20.72	-89.05
		312	7.27	7.11	-3.76	4.93	-1.57	4.35	139.95	-396.76	86.53	-343.35	-160.67
		321	12.64	3.03	-0.72	2.86	-0.55	0.78	315.28	-637.13	141.54	-463.39	-367.82
209	31	322	5.15	27.41	-2.01	27.41	-2.01	0.07	184.66	-192.33	-9.74	2.06	-188.40
		313	2.51	22.32	-0.36	22.26	-0.29	1.17	61.97	-78.67	-32.03	15.33	-66.22
		312	5.38	5.29	-2.84	3.65	-1.19	3.27	103.77	-293.27	63.93	-253.43	-119.29
		321	9.35	2.25	-0.58	2.14	-0.46	0.55	233.20	-471.25	104.44	-342.49	-272.26
209	37	322	4.53	24.00	-1.93	24.00	-1.93	-0.03	162.43	-169.51	-8.87	1.79	-165.88
		313	2.22	19.44	-0.43	19.37	-0.36	1.17	55.66	-69.68	-27.49	13.46	-59.23
		312	4.73	4.75	-2.68	3.21	-1.14	3.01	91.87	-256.65	55.85	-220.63	-106.09
		321	8.22	2.00	-0.65	1.94	-0.58	0.40	204.61	-413.42	90.84	-299.65	-239.51
210	7	321	12.44	0.43	-4.91	0.40	-4.88	-0.39	276.04	-641.24	156.41	-521.62	-308.90
		312	7.29	5.97	-5.50	3.61	-3.15	4.63	146.23	-392.23	106.18	-352.18	-141.28
		314	10.75	-7.81	-14.65	-13.90	-8.56	2.14	212.78	-576.87	203.35	-567.44	-85.81
		323	13.27	-5.33	-23.41	-17.12	-11.62	-8.61	242.33	-727.29	232.93	-717.88	-95.04
210	31	321	9.20	0.32	-3.77	0.30	-3.75	-0.30	204.07	-474.20	115.43	-385.56	-228.61
		312	5.39	4.42	-4.21	2.66	-2.45	3.48	108.27	-289.77	78.42	-259.92	-104.83
		314	7.93	-5.85	-10.86	-10.26	-6.44	1.62	157.05	-425.86	150.06	-418.87	-63.45
		323	9.81	-4.00	-17.37	-12.64	-8.74	-6.40	178.83	-537.46	171.90	-530.52	-70.14
210	37	321	8.09	0.29	-3.75	0.27	-3.73	-0.31	178.69	-415.68	100.41	-337.40	-201.00
		312	4.72	3.92	-4.16	2.29	-2.53	3.24	95.34	-253.10	68.41	-226.17	-93.04
		314	6.89	-5.33	-9.61	-8.93	-6.01	1.57	136.70	-370.93	130.53	-364.77	-55.61
		323	8.60	-3.68	-15.42	-10.99	-8.10	-5.69	155.57	-469.96	149.55	-463.94	-61.06
211	8	323	13.23	-7.42	-25.93	-17.16	-16.19	-9.25	223.70	-719.85	211.71	-707.85	-105.72
		314	10.48	-9.83	-15.45	-14.03	-11.25	2.45	211.47	-566.87	200.62	-556.02	-91.25
		315	10.19	-18.83	-20.87	-18.83	-20.87	-0.10	209.53	-524.24	208.46	-523.17	-28.00
		324	11.17	-9.66	-34.60	-16.59	-27.67	-11.17	180.93	-583.53	179.76	-582.36	29.88
211	32	323	9.79	-5.57	-19.30	-12.68	-12.19	-6.86	165.05	-531.95	156.20	-523.11	-78.01
		314	7.74	-7.37	-11.52	-10.37	-8.53	1.86	156.07	-418.45	148.05	-410.43	-67.43
		315	7.53	-13.90	-15.63	-13.90	-15.62	-0.04	154.50	-386.92	153.74	-386.16	-20.27
		324	8.26	-7.15	-25.77	-12.24	-20.69	-8.30	133.43	-431.15	132.52	-430.25	22.56
211	37	323	8.58	-5.14	-17.34	-11.09	-11.40	-6.10	143.46	-465.12	135.79	-457.45	-67.86
		314	6.77	-6.76	-10.44	-9.07	-8.12	1.77	135.82	-364.40	128.78	-357.36	-58.94
		315	6.58	-12.11	-14.31	-12.11	-14.31	0.06	133.99	-336.73	133.42	-336.16	-16.36
		324	7.25	-6.28	-23.19	-10.63	-18.84	-7.39	115.77	-376.74	114.85	-375.82	21.28
212	8	324	11.12	-10.89	-36.81	-17.06	-30.63	-11.04	173.05	-572.86	172.97	-572.77	7.97
		315	10.15	-18.65	-24.06	-18.66	-24.05	0.25	205.82	-513.23	203.36	-510.78	-41.93
		316	7.53	-16.54	-33.18	-16.56	-33.15	0.69	174.67	-321.57	174.22	-321.13	-14.92
		325	7.68	-10.43	-40.67	-12.38	-38.73	-7.42	137.71	-333.91	133.36	-329.56	45.05
212	32	324	8.23	-8.09	-27.48	-12.61	-22.96	-8.20	127.59	-423.25	127.52	-423.18	6.37
		315	7.50	-13.78	-18.08	-13.80	-18.07	0.23	151.75	-378.78	149.99	-377.02	-30.54
		316	5.57	-12.21	-24.82	-12.23	-24.79	0.54	128.71	-237.29	128.42	-237.00	-10.30
		325	5.69	-7.69	-30.38	-9.13	-28.94	-5.53	101.60	-246.76	98.25	-243.41	34.00
212	37	324	7.23	-7.18	-24.92	-11.01	-21.10	-7.30	110.64	-369.80	110.53	-369.70	7.15
		315	6.57	-12.05	-16.77	-12.07	-16.75	0.31	131.60	-329.61	130.21	-328.22	-25.26
		316	4.89	-10.64	-22.63	-10.67	-22.61	0.55	111.38	-206.34	111.24	-206.20	-6.67
		325	5.02	-6.66	-27.59	-7.92	-26.33	-4.98	88.34	-215.78	84.93	-212.38	32.00
213	8	325	7.74	-11.28	-43.08	-13.21	-41.15	-7.59	136.35	-329.86	134.24	-327.74	31.35
		316	7.58	-16.75	-36.30	-16.77	-36.28	0.71	173.32	-315.73	171.84	-314.24	-26.90
		317	4.01	-13.26	-42.77	-13.53	-42.51	2.78	144.97	-64.19	142.76	-61.98	-21.39
		326	3.92	-9.50	-45.72	-9.74	-45.48	-2.93	116.75	-63.83	111.22	-58.30	31.11
213	32	325	5.74	-8.34	-32.24	-9.76	-30.81	-5.65	100.59	-243.76	98.93	-242.09	23.88
		316	5.61	-12.38	-27.22	-12.40	-27.20	0.56	127.71	-232.96	126.69	-231.94	-19.14
		317	2.97	-9.80	-31.99	-10.00	-31.79	2.08	106.69	-47.21	105.22	-45.74	-14.97

		326	2.91	-7.01	-34.20	-7.19	-34.02	-2.20	86.34	-47.40	81.97	-43.03	23.77
213	37	325	5.07	-7.29	-29.47	-8.53	-28.23	-5.09	87.43	-213.14	85.63	-211.34	23.18
		316	4.94	-10.85	-25.03	-10.87	-25.01	0.57	110.50	-202.55	109.84	-201.90	-14.35
		317	2.64	-8.58	-29.17	-8.76	-29.00	1.90	91.94	-40.59	91.12	-39.78	-10.37
		326	2.61	-6.08	-31.20	-6.26	-31.02	-2.07	75.77	-42.23	70.96	-37.42	23.33
214	8	326	4.01	-10.13	-48.41	-10.46	-48.09	-3.50	116.46	-62.12	112.55	-58.20	26.15
		317	4.08	-13.75	-45.82	-13.93	-45.64	2.41	144.90	-61.49	141.40	-57.99	-26.66
		318	4.94	-11.23	-49.65	-11.79	-49.09	4.63	213.61	116.26	122.64	207.22	-24.10
		327	4.98	-8.85	-50.19	-8.86	-50.18	0.65	212.71	101.51	104.71	209.51	18.60
214	31	326	2.98	-7.49	-36.25	-7.73	-36.00	-2.65	86.13	-46.09	82.99	-42.95	20.13
		317	3.03	-10.18	-34.32	-10.31	-34.19	1.79	106.64	-45.16	104.27	-42.79	-18.84
		318	3.66	-8.33	-37.14	-8.74	-36.72	3.43	157.31	86.11	90.44	152.97	-17.03
		327	3.70	-6.55	-37.55	-6.56	-37.54	0.42	157.46	74.66	77.27	154.85	14.47
214	37	326	2.68	-6.57	-33.28	-6.80	-33.05	-2.46	75.56	-41.12	71.96	-37.52	20.15
		317	2.71	-8.97	-31.52	-9.09	-31.40	1.65	91.87	-38.82	90.41	-37.36	-13.74
		318	3.25	-7.38	-33.95	-7.74	-33.58	3.10	135.69	75.74	78.42	133.01	-12.40
		327	3.32	-5.79	-34.38	-5.79	-34.38	0.25	138.38	64.01	67.16	135.23	14.97
215	8	327	5.12	-9.45	-53.00	-9.45	-53.00	-0.25	213.88	101.52	105.59	209.80	21.01
		318	5.11	-11.83	-52.69	-12.25	-52.27	4.12	215.89	116.15	121.39	210.64	-22.27
		319	8.68	-10.76	-54.42	-11.46	-53.71	5.50	458.39	115.25	116.06	457.58	-16.68
		328	8.72	-9.43	-53.81	-9.66	-53.58	3.19	461.75	111.03	111.44	461.34	11.96
215	32	327	3.81	-7.02	-39.73	-7.02	-39.73	-0.24	158.25	74.66	77.94	154.96	16.25
		318	3.79	-8.79	-39.49	-9.10	-39.18	3.07	158.94	86.00	89.54	155.40	-15.68
		319	6.43	-8.02	-40.75	-8.54	-40.23	4.08	338.21	85.07	85.62	337.66	-11.82
		328	6.47	-7.03	-40.31	-7.20	-40.15	2.33	341.18	81.97	82.30	340.84	9.31
215	37	327	3.42	-6.25	-36.54	-6.25	-36.54	-0.37	139.12	64.03	67.87	135.28	16.54
		318	3.37	-7.84	-36.29	-8.11	-36.02	2.76	137.18	75.64	77.76	135.07	-11.22
		319	5.68	-7.24	-37.34	-7.69	-36.89	3.62	294.08	74.06	74.40	293.74	-8.70
		328	5.74	-6.36	-36.99	-6.48	-36.86	1.94	298.22	71.41	71.83	297.81	9.68
216	7	328	8.89	-10.19	-56.50	-10.21	-56.48	0.83	464.15	111.06	112.14	463.07	19.50
		319	8.86	-11.18	-57.64	-12.00	-56.83	6.09	461.20	115.12	115.34	460.98	-8.72
		320	11.65	-11.33	-57.53	-11.54	-57.31	3.16	655.38	128.60	128.65	655.34	-4.91
		329	11.88	-10.59	-56.90	-11.37	-56.12	5.96	675.54	133.10	133.10	675.54	-0.42
216	31	328	6.60	-7.61	-42.39	-7.62	-42.38	0.53	342.94	81.99	82.84	342.09	14.86
		319	6.57	-8.35	-43.24	-8.95	-42.63	4.56	340.29	84.97	85.11	340.15	-5.97
		320	8.63	-8.50	-43.12	-8.65	-42.97	2.28	483.64	94.90	94.93	483.60	-3.56
		329	8.81	-7.95	-42.68	-8.52	-42.10	4.45	499.15	98.35	98.35	499.15	-0.25
216	37	328	5.87	-6.91	-39.12	-6.92	-39.12	0.21	299.69	71.42	72.34	298.77	14.46
		319	5.81	-7.56	-39.84	-8.11	-39.29	4.17	295.83	73.95	74.01	295.77	-3.69
		320	7.61	-7.85	-39.65	-7.95	-39.54	1.81	420.69	82.55	82.57	420.66	-2.91
		329	7.79	-7.34	-39.31	-7.85	-38.80	4.02	436.24	85.95	85.95	436.24	-0.02
217	8	331	15.40	48.25	-10.71	48.15	-10.61	2.45	490.10	-665.50	-0.98	-174.43	-571.26
		322	6.77	36.27	4.47	36.09	4.66	2.41	284.37	-181.13	-17.59	120.83	-222.22
		321	13.71	3.91	-6.35	2.71	-5.16	3.29	313.95	-714.12	129.10	-529.26	-394.81
		330	20.86	4.62	-11.02	-10.68	4.28	-2.27	521.99	-1037.37	242.42	-757.81	-598.15
217	32	331	11.40	35.68	-7.98	35.61	-7.90	1.78	362.42	-492.58	-1.09	-129.08	-422.69
		322	5.02	26.80	3.27	26.65	3.42	1.83	210.49	-134.21	-13.11	89.40	-164.55
		321	10.14	2.91	-4.76	2.00	-3.84	2.48	232.22	-528.21	95.25	-391.24	-292.23
		330	15.43	3.37	-8.15	-7.89	3.11	-1.71	385.86	-767.45	178.92	-560.51	-442.53
217	37	331	10.02	31.27	-7.16	31.22	-7.11	1.47	317.68	-433.25	-2.13	-113.44	-371.31
		322	4.43	23.41	2.75	23.26	2.90	1.75	185.18	-118.48	-11.82	78.51	-144.96
		321	8.89	2.62	-4.35	1.74	-3.47	2.31	203.75	-463.43	82.80	-342.48	-257.04
		330	13.52	2.82	-7.14	-6.88	2.56	-1.59	337.76	-673.76	155.73	-491.73	-388.58
218	7	330	22.03	-4.03	-24.37	-14.09	-14.31	-10.17	378.44	-1190.50	201.24	-1013.30	-496.61
		321	11.62	5.25	-3.01	0.79	1.46	4.11	295.43	-564.34	181.27	-450.19	-291.75
		323	13.80	-7.92	-24.37	-19.21	-13.08	-7.63	234.59	-767.28	220.33	-753.02	-118.67
		332	17.41	-2.34	-43.16	-21.26	-24.24	-20.36	233.79	-985.84	233.72	-985.76	9.76
218	31	330	16.30	-3.03	-18.12	-10.43	-10.72	-7.54	279.60	-880.71	148.45	-749.57	-367.38
		321	8.59	3.87	-2.35	0.56	0.96	3.10	218.42	-417.28	133.82	-332.69	-215.92
		323	10.20	-5.98	-18.01	-14.20	-9.79	-5.60	173.10	-567.06	162.58	-556.53	-87.64
		332	12.88	-1.76	-32.02	-15.71	-18.07	-15.08	172.53	-729.01	172.47	-728.95	7.47
218	37	330	14.32	-2.83	-16.18	-9.16	-9.84	-6.67	244.26	-773.13	128.97	-657.84	-322.50
		321	7.53	3.36	-2.46	0.43	0.47	2.91	191.31	-365.64	116.58	-290.91	-189.84
		323	8.93	-5.63	-15.76	-12.44	-8.95	-4.75	150.52	-495.97	141.36	-486.81	-76.43
		332	11.30	-1.64	-28.39	-13.73	-16.30	-13.31	150.08	-639.01	150.01	-638.94	7.35
219	7	332	17.27	-3.30	-50.60	-21.78	-32.13	-23.08	163.33	-980.27	161.96	-978.90	-39.61
		323	13.03	-9.17	-21.77	-17.47	-13.47	-5.97	239.83	-710.37	228.51	-699.05	-103.10
		324	11.25	-12.07	-33.61	-18.21	-27.47	-9.72	174.72	-596.85	173.67	-595.80	28.35
		333	12.36	-2.53	-50.71	-10.11	-43.13	-17.54	110.94	-660.69	93.29	-643.03	115.37
219	31	332	12.78	-2.51	-37.58	-16.11	-23.99	-17.09	120.38	-724.89	119.38	-723.89	-29.06
		323	9.63	-6.97	-16.12	-12.93	-10.17	-4.36	176.98	-524.94	168.64	-516.59	-76.07
		324	8.32	-9.01	-24.96	-13.46	-20.51	-7.15	128.82	-441.00	128.02	-440.19	21.43
		333	9.15	-1.87	-37.71	-7.45	-32.13	-13.00	81.82	-488.55	68.61	-475.34	85.79
219	37	332	11.22	-2.41	-33.47	-14.13	-21.76	-15.05	104.21	-635.40	103.38	-634.58	-24.70
		323	8.44	-6.71	-14.22	-11.37	-9.57	-3.65	153.94	-458.93	146.71	-451.71	-66.15
		324	7.30	-8.17	-22.22	-11.76	-18.63	-6.13	111.71	-385.40	110.88	-384.57	20.27
		333	8.04	-1.63	-33.74	-6.46	-28.91	-11.49	71.02	-428.17	58.93	-416.08	76.75

220	8	333	12.41	-4.55	-52.71	-12.17	-45.10	-17.57	100.53	-657.99	91.90	-649.36	80.45
		324	11.09	-13.05	-34.39	-17.56	-29.88	-8.72	175.21	-574.37	175.04	-574.20	11.14
		325	7.68	-11.94	-39.54	-12.96	-38.53	-5.19	134.99	-336.25	130.62	-331.89	45.15
220	32	334	7.92	-4.24	-49.12	-6.26	-47.10	-9.30	90.31	-356.83	66.36	-332.89	100.67
		333	9.19	-3.39	-39.26	-8.99	-33.66	-13.02	74.09	-486.53	67.60	-480.04	59.97
		324	8.21	-9.75	-25.63	-12.99	-22.39	-6.40	129.19	-424.36	129.06	-424.23	8.73
220	37	325	5.69	-8.85	-29.50	-9.57	-28.78	-3.80	99.59	-248.49	96.22	-245.13	34.06
		334	5.87	-3.12	-36.63	-4.61	-35.14	-6.91	66.79	-264.01	48.77	-245.99	75.08
		333	8.09	-3.04	-35.32	-7.87	-30.49	-11.52	64.15	-426.35	58.10	-420.30	54.14
221	8	324	7.21	-8.83	-23.12	-11.40	-20.55	-5.48	112.06	-370.78	111.88	-370.61	9.22
		325	5.01	-7.78	-26.70	-8.35	-26.13	-3.22	86.57	-217.30	83.15	-213.88	32.06
		334	5.19	-2.66	-33.08	-3.97	-31.78	-6.17	58.59	-231.86	41.77	-215.03	67.85
221	32	334	8.00	-5.36	-51.52	-7.65	-49.22	-10.03	88.29	-355.28	70.37	-337.36	87.33
		325	7.74	-12.56	-41.96	-13.49	-41.02	-5.17	135.73	-331.20	133.43	-328.91	32.63
		326	3.93	-10.05	-45.23	-10.05	-45.23	-0.44	115.98	-64.28	110.31	-58.61	31.46
221	37	335	3.93	-4.68	-49.51	-4.99	-49.20	-3.73	102.48	-83.26	66.46	-47.23	73.44
		334	5.94	-3.96	-38.48	-5.65	-36.79	-7.45	65.28	-262.85	51.76	-249.34	65.22
		325	5.74	-9.31	-31.38	-9.98	-30.71	-3.79	100.13	-244.76	98.34	-242.96	24.83
221	32	326	2.92	-7.43	-33.81	-7.43	-33.81	-0.29	85.78	-47.73	81.30	-43.26	24.03
		335	2.93	-3.44	-37.00	-3.68	-36.77	-2.79	76.19	-62.09	48.95	-34.84	55.00
		334	5.26	-3.47	-34.95	-4.94	-33.48	-6.65	57.23	-230.83	44.48	-218.08	59.24
221	37	325	5.07	-8.25	-28.63	-8.76	-28.11	-3.21	87.04	-214.02	85.11	-212.10	24.02
		326	2.62	-6.51	-30.80	-6.51	-30.80	-0.15	75.29	-42.53	70.37	-37.62	23.56
		335	2.63	-2.96	-33.66	-3.18	-33.45	-2.57	68.15	-56.11	42.27	-30.24	50.46
222	8	335	4.04	-5.33	-52.19	-5.79	-51.73	-4.60	101.59	-82.98	69.47	-50.85	69.98
		326	4.03	-10.62	-48.12	-10.65	-48.10	-0.94	116.09	-62.66	112.03	-58.60	26.64
		327	4.95	-8.83	-50.19	-9.07	-49.95	3.18	212.87	101.53	104.87	209.52	19.00
222	32	336	5.49	-5.11	-51.61	-5.11	-51.61	0.41	238.33	63.54	79.56	222.30	50.44
		335	3.01	-3.95	-39.06	-4.29	-38.72	-3.44	75.53	-61.89	51.20	-37.56	52.45
		326	3.00	-7.87	-36.04	-7.89	-36.03	-0.66	85.85	-46.54	82.60	-43.29	20.48
222	37	327	3.68	-6.54	-37.56	-6.73	-37.38	2.39	157.51	74.66	77.37	154.79	14.76
		336	4.09	-3.78	-38.63	-3.78	-38.62	0.27	176.61	46.54	58.75	164.40	37.94
		335	2.72	-3.46	-35.73	-3.77	-35.42	-3.15	67.56	-55.95	44.35	-32.74	48.25
222	32	326	2.70	-6.95	-33.04	-6.96	-33.03	-0.49	75.34	-41.48	71.64	-37.78	20.47
		327	3.29	-5.79	-34.35	-5.96	-34.18	2.20	138.51	64.01	67.27	135.25	15.23
		336	3.67	-3.33	-35.31	-3.33	-35.31	0.13	156.09	39.33	51.24	144.18	35.34
223	8	336	5.61	-5.60	-54.42	-5.61	-54.42	-0.63	237.71	63.21	81.70	219.22	53.71
		327	5.10	-9.44	-53.20	-9.59	-53.05	2.59	214.10	101.68	105.91	209.87	21.39
		328	8.72	-9.17	-54.02	-9.79	-53.40	5.24	462.30	111.61	112.06	461.85	12.48
223	32	337	9.13	-6.90	-54.28	-7.20	-53.98	3.74	485.22	103.77	106.53	482.45	32.35
		336	4.18	-4.16	-40.79	-4.17	-40.78	-0.51	176.16	46.29	60.36	162.09	40.37
		327	3.80	-7.01	-39.88	-7.13	-39.77	1.95	158.42	74.77	78.18	155.02	16.53
223	37	328	6.47	-6.84	-40.47	-7.30	-40.01	3.91	341.58	82.40	82.76	341.22	9.70
		337	6.78	-5.16	-40.67	-5.37	-40.45	2.75	358.94	76.66	78.78	356.82	24.37
		336	3.76	-3.71	-37.48	-3.72	-37.47	-0.59	155.69	39.10	52.75	142.04	37.48
224	8	327	3.40	-6.26	-36.67	-6.37	-36.56	1.81	139.29	64.12	68.08	135.34	16.79
		328	5.73	-6.18	-37.13	-6.59	-36.72	3.52	298.59	71.79	72.23	298.14	10.02
		337	6.03	-4.68	-37.31	-4.85	-37.14	2.36	315.10	66.97	69.09	312.99	22.81
224	32	337	9.27	-7.71	-56.90	-7.75	-56.86	1.44	485.72	104.24	108.62	481.34	40.64
		328	8.89	-9.62	-57.25	-10.34	-56.53	5.81	465.09	111.62	112.75	463.95	19.96
		329	11.88	-11.04	-56.42	-11.28	-56.18	3.33	675.78	133.16	133.16	675.78	-0.43
224	37	338	12.67	-10.17	-56.58	-11.21	-55.54	6.88	735.64	145.98	146.00	735.62	3.76
		337	6.89	-5.76	-42.69	-5.79	-42.66	1.00	359.32	77.02	80.35	355.99	30.49
		328	6.60	-7.18	-42.95	-7.72	-42.41	4.36	343.65	82.41	83.30	342.76	15.20
224	32	329	8.80	-8.28	-42.31	-8.46	-42.13	2.42	499.33	98.39	98.39	499.33	-0.25
		338	9.40	-7.63	-42.44	-8.41	-41.66	5.15	544.21	107.99	108.01	544.20	2.85
		337	6.14	-5.26	-39.36	-5.27	-39.34	0.67	315.46	67.29	70.52	312.23	28.13
224	37	328	5.86	-6.51	-39.61	-7.01	-39.11	4.02	300.39	71.80	72.76	299.44	14.77
		329	7.79	-7.65	-38.93	-7.78	-38.81	1.98	436.48	86.00	86.00	436.48	-0.03
		338	8.34	-7.04	-39.09	-7.74	-38.39	4.69	477.81	94.81	94.83	477.79	2.71
225	7	340	59.47	53.74	-108.51	52.18	-106.95	-15.84	977.02	-3019.23	81.57	-2123.78	-1666.32
		331	18.94	67.19	41.14	51.03	57.30	12.64	1155.79	-51.34	23.85	1080.60	-291.73
		330	34.07	-10.03	-44.19	-16.38	-37.83	-13.30	511.49	-1846.85	109.57	-1444.93	-886.75
225	31	339	27.68	14.62	-31.96	-31.89	14.55	1.81	696.47	-1273.29	556.77	-1133.58	-505.63
		340	44.00	39.76	-80.33	38.60	-79.17	-11.74	722.27	-2234.43	59.47	-1571.63	-1233.05
		331	14.02	49.72	30.37	37.72	42.36	9.39	855.22	-38.29	17.32	799.61	-215.86
225	37	330	25.20	-7.47	-32.68	-12.13	-28.02	-9.79	378.09	-1366.49	80.64	-1069.04	-656.09
		339	20.47	10.77	-23.63	-23.58	10.72	1.31	514.76	-941.97	411.40	-838.61	-374.01
		340	38.66	34.93	-70.71	33.90	-69.68	-10.39	632.39	-1964.30	49.37	-1381.28	-1083.52
225	32	331	12.31	43.69	26.43	33.02	37.10	8.39	751.36	-34.64	14.14	702.58	-189.63
		330	22.12	-6.72	-28.65	-10.67	-24.70	-8.43	330.94	-1200.31	69.42	-938.79	-656.25
		339	17.94	9.29	-20.71	-20.67	9.25	1.05	450.34	-826.95	359.59	-736.20	-328.16
226	8	339	41.89	-16.67	-91.95	-49.09	-59.52	-37.28	176.34	-2515.63	86.03	-2425.31	-484.73
		330	18.83	7.51	-6.04	-5.48	6.95	2.70	558.11	-837.96	413.15	-692.99	-425.87
		332	20.11	-4.69	-56.80	-31.53	-29.96	-26.04	132.83	-1208.61	131.06	-1206.85	-48.64
226	32	341	20.19	3.91	-82.75	-9.58	-69.27	-31.41	133.48	-1141.95	45.85	-1054.32	322.63
		339	31.00	-12.38	-68.13	-36.32	-44.18	-27.60	129.83	-1861.46	62.98	-1794.60	-358.68

		330	13.92	5.47	-4.52	-4.08	5.03	2.05	412.53	-619.74	305.28	-512.48	-314.98
		332	14.87	-3.58	-42.03	-23.33	-22.28	-19.22	97.75	-893.87	96.46	-892.58	-35.78
		341	14.94	2.90	-61.35	-7.07	-51.39	-23.26	98.64	-844.79	33.64	-779.78	238.96
226	37	339	27.24	-11.00	-60.15	-31.91	-39.24	-24.30	111.96	-1635.54	53.14	-1576.73	-315.16
		330	12.20	4.54	-4.14	-3.66	4.06	1.98	361.02	-543.50	266.84	-449.32	-276.25
		332	13.05	-3.47	-36.93	-20.48	-19.92	-16.72	84.14	-783.92	83.05	-782.83	-30.73
		341	13.13	2.57	-54.29	-6.15	-45.56	-20.50	86.27	-741.60	28.62	-683.95	210.73
227	7	341	21.57	-0.02	-88.85	-12.40	-76.47	-30.76	-26.59	-1222.54	-31.59	-1217.54	77.14
		332	16.82	-3.54	-46.22	-21.32	-28.44	-21.04	188.38	-957.47	188.37	-957.46	3.16
		333	12.38	-4.66	-52.68	-11.58	-45.76	-16.86	78.02	-670.06	64.34	-656.38	100.23
		342	13.82	2.87	-61.87	1.37	-60.37	-9.74	41.76	-727.95	-3.73	-682.46	181.51
227	31	341	15.96	-0.04	-65.93	-9.17	-56.80	-22.77	-20.02	-904.38	-23.75	-900.65	57.29
		332	12.45	-2.77	-34.26	-15.79	-21.24	-15.51	138.93	-708.02	138.93	-708.01	2.60
		333	9.16	-3.51	-39.11	-8.56	-34.05	-12.43	57.43	-495.47	47.18	-485.21	74.58
		342	10.23	2.14	-45.99	1.03	-44.88	-7.23	30.86	-538.53	-3.02	-504.65	134.69
227	37	341	14.04	-0.10	-58.54	-8.06	-50.58	-20.04	-18.71	-793.80	-22.08	-790.43	51.00
		332	10.93	-2.90	-30.30	-13.91	-19.29	-13.43	120.59	-620.56	120.58	-620.54	3.15
		333	8.05	-3.26	-34.76	-7.49	-30.53	-10.75	49.49	-434.22	40.06	-424.78	66.88
		342	9.01	1.94	-41.09	0.96	-40.11	-6.40	26.97	-472.78	-3.50	-442.31	119.58
228	8	342	13.55	-0.67	-65.96	-3.40	-63.23	-13.07	16.92	-717.48	-13.40	-687.16	146.13
		333	12.52	-5.76	-51.00	-11.45	-45.30	-15.01	100.76	-663.77	90.45	-653.45	88.19
		334	7.88	-5.75	-48.48	-6.93	-47.30	-7.00	84.37	-355.39	59.90	-330.91	100.82
		343	8.13	0.11	-53.81	-0.35	-53.35	-4.95	49.85	-372.96	0.89	-324.00	135.29
228	32	342	10.04	-0.50	-49.09	-2.51	-47.08	-9.69	12.43	-530.78	-10.19	-508.16	108.52
		333	9.27	-4.33	-37.95	-8.48	-33.80	-11.05	74.27	-490.81	66.52	-483.07	65.71
		334	5.84	-4.27	-36.12	-5.12	-35.27	-5.14	62.40	-262.95	43.99	-244.53	75.19
		343	6.03	0.10	-40.10	-0.24	-39.76	-3.69	37.06	-276.11	0.45	-239.51	100.62
228	37	342	8.85	-0.45	-44.02	-2.20	-42.27	-8.57	10.65	-465.93	-9.82	-445.47	96.62
		333	8.16	-4.03	-34.01	-7.46	-30.58	-9.55	64.35	-430.12	57.16	-422.93	59.19
		334	5.17	-3.78	-32.51	-4.46	-31.83	-4.38	54.76	-230.95	37.56	-213.75	67.96
		343	5.34	0.15	-36.13	-0.16	-35.82	-3.32	33.13	-243.05	-0.28	-209.64	90.06
229	8	343	8.23	-1.06	-56.65	-1.78	-55.94	-6.25	48.44	-373.60	5.25	-330.42	127.91
		334	8.06	-6.32	-50.75	-7.60	-49.47	-7.44	86.38	-357.09	67.68	-338.39	89.12
		335	4.01	-5.24	-49.09	-5.27	-49.06	-1.16	102.50	-84.00	65.02	-46.52	74.73
		344	3.93	-0.73	-50.67	-0.79	-50.61	-1.69	99.58	-107.68	18.33	-26.44	101.18
229	32	343	6.11	-0.79	-42.28	-1.31	-41.75	-4.65	36.01	-276.59	3.70	-244.29	95.16
		334	5.98	-4.71	-37.88	-5.63	-36.96	-5.46	63.88	-264.20	49.77	-250.09	66.55
		335	2.99	-3.87	-36.67	-3.89	-36.65	-0.82	76.22	-62.65	47.88	-34.31	55.96
		344	2.93	-0.53	-37.85	-0.57	-37.81	-1.28	74.20	-80.23	13.44	-19.46	75.44
229	37	343	5.42	-0.68	-38.29	-1.15	-37.83	-4.16	32.19	-243.49	2.64	-213.93	85.29
		334	5.30	-4.22	-34.34	-4.96	-33.60	-4.66	56.02	-232.03	42.73	-218.74	60.43
		335	2.69	-3.39	-33.31	-3.40	-33.30	-0.59	68.22	-56.64	41.34	-29.77	51.32
		344	2.64	-0.41	-34.38	-0.45	-34.33	-1.21	66.89	-72.24	11.39	-16.75	68.13
230	8	344	4.05	-1.30	-53.45	-1.45	-53.30	-2.76	98.62	-109.29	21.89	-32.55	100.33
		335	4.13	-5.82	-51.98	-5.90	-51.89	-1.95	101.51	-83.89	68.36	-50.74	71.05
		336	5.44	-5.03	-51.66	-5.22	-51.47	2.97	238.99	63.21	79.83	222.38	51.42
		345	6.18	-1.32	-51.35	-1.33	-51.33	0.92	266.75	20.90	41.84	245.81	68.63
230	32	344	3.02	-0.97	-39.98	-1.08	-39.87	-2.07	73.49	-81.42	16.09	-24.02	74.81
		335	3.08	-4.32	-38.89	-4.38	-38.83	-1.41	75.49	-62.57	50.39	-37.47	53.25
		336	4.05	-3.72	-38.66	-3.87	-38.51	2.25	177.11	46.29	58.95	164.45	38.68
		345	4.60	-0.97	-38.42	-0.98	-38.41	0.66	197.70	15.12	30.92	181.90	51.33
230	37	344	2.73	-0.85	-36.50	-0.95	-36.40	-1.92	66.25	-73.31	13.80	-20.86	67.59
		335	2.79	-3.84	-35.54	-3.88	-35.50	-1.12	67.56	-56.58	43.64	-32.66	48.96
		336	3.63	-3.29	-35.32	-3.43	-35.18	2.10	156.57	39.09	51.43	144.23	36.01
		345	4.12	-0.83	-35.10	-0.84	-35.10	0.49	174.78	12.18	27.05	159.91	46.86
231	8	345	6.30	-1.41	-54.15	-1.41	-54.15	-0.47	264.62	18.04	42.31	240.35	73.45
		336	5.56	-5.61	-54.85	-5.72	-54.73	2.36	238.30	63.74	82.45	219.60	53.99
		337	9.09	-6.63	-54.35	-7.36	-53.62	5.86	485.13	105.93	109.02	482.03	34.12
		346	9.81	-3.27	-55.08	-3.69	-54.66	4.63	516.79	81.48	84.30	513.96	34.94
231	32	345	4.69	-1.05	-40.58	-1.05	-40.58	-0.38	196.12	13.01	31.29	177.83	54.90
		336	4.14	-4.17	-41.10	-4.26	-41.02	1.79	176.60	46.69	60.92	162.37	40.58
		337	6.74	-4.95	-40.72	-5.49	-40.18	4.38	358.88	78.26	80.63	356.51	25.69
		346	7.29	-2.44	-41.26	-2.75	-40.95	3.43	382.58	60.28	62.43	380.42	26.27
231	37	345	4.21	-0.93	-37.25	-0.94	-37.25	-0.47	173.36	10.31	27.46	156.21	50.01
		336	3.72	-3.73	-37.75	-3.81	-37.67	1.70	156.11	39.45	53.26	142.29	37.69
		337	5.99	-4.48	-37.37	-4.97	-36.88	3.99	315.09	68.37	70.73	312.73	24.00
		346	6.49	-2.22	-37.83	-2.48	-37.58	3.00	336.79	52.92	55.03	334.67	24.43
232	8	346	9.78	-3.95	-57.19	-4.06	-57.08	2.40	506.90	80.60	85.48	502.02	45.33
		337	9.27	-7.14	-57.96	-7.98	-57.13	6.45	488.97	107.33	112.02	484.28	42.02
		338	12.67	-10.69	-55.56	-11.12	-55.13	4.35	737.47	146.94	146.97	737.43	4.47
		347	13.91	-9.37	-57.98	-11.09	-56.25	9.00	822.11	162.16	162.18	822.09	3.28
232	32	346	7.26	-2.96	-42.90	-3.04	-42.83	1.73	375.27	59.63	63.32	371.57	33.96
		337	6.89	-5.34	-43.49	-5.97	-42.86	4.86	361.73	79.30	82.86	358.17	31.52
		338	9.40	-8.03	-41.67	-8.34	-41.36	3.20	545.56	108.70	108.72	545.53	3.37
		347	10.33	-7.03	-43.48	-8.32	-42.19	6.74	608.85	120.10	120.12	608.84	2.52
232	37	346	6.48	-2.72	-39.52	-2.77	-39.47	1.36	330.40	52.34	55.88	326.86	31.18
		337	6.13	-4.85	-40.11	-5.44	-39.52	4.51	317.62	69.30	72.74	314.18	29.06

		338	8.33	-7.43	-38.36	-7.67	-38.11	2.74	478.98	95.43	95.45	478.95	3.17
		347	9.18	-6.47	-40.03	-7.66	-38.85	6.18	536.72	105.89	105.91	536.71	2.51
233	7	2	414.07	142.75	-411.15	118.96	-387.35	-112.31	3552.95-2.400e+04	1799.89-2.225e+04	-6725.81		
		340	158.70	254.31	2.21	80.41	176.11	116.62	1.030e+04	464.53	466.39	1.030e+04	135.41
		339	127.78	18.20	-159.67	-93.56	-47.91	-85.95	703.09	-7885.10	20.30	-7202.31	-2323.29
		348	84.27	-114.49	-243.56	-157.73	-200.32	60.92	3077.69	-3052.22	-1213.38	1238.85	2809.02
233	31	2	306.42	105.63	-304.28	88.01	-286.66	-83.14	2625.59-1.777e+04	1326.72-1.647e+04	-4979.87		
		340	117.44	188.18	1.57	59.47	130.28	86.33	7625.13	343.73	345.13	7623.72	101.12
		339	94.56	13.40	-118.12	-69.24	-35.47	-63.56	519.04	-5835.72	13.33	-5330.01	-1719.86
		348	62.37	-84.74	-180.23	-116.69	-148.28	45.06	2279.49	-2257.41	-895.24	917.32	2079.55
233	37	2	269.33	92.83	-267.53	77.32	-252.01	-73.15	2295.80-1.562e+04	1149.15-1.448e+04	-4385.33		
		340	103.23	165.37	1.18	52.17	114.38	75.97	6702.39	302.00	303.31	6701.07	91.84
		339	83.10	11.57	-103.69	-60.88	-31.24	-55.69	452.10	-5130.92	6.23	-4685.06	-1513.44
		348	54.83	-74.54	-158.37	-102.47	-130.45	39.51	2009.69	-1979.85	-778.15	807.99	1830.34
234	7	348	56.79	-62.11	-233.94	-78.43	-217.62	-50.38	285.35	-3069.19	270.83	-3054.67	220.22
		339	31.43	-18.93	-68.57	-51.23	-36.27	-23.67	225.46	-1945.78	225.01	-1945.33	31.44
		341	21.27	6.08	-122.95	-12.08	-104.79	-44.87	-145.92	-1155.87	-152.15	-1149.63	79.11
		349	21.95	51.53	-81.22	41.82	-71.52	34.56	-282.30	-1253.52	-298.47	-1237.36	124.27
234	31	348	42.03	-45.96	-173.24	-58.04	-161.16	-37.31	210.60	-2271.23	199.89	-2260.52	162.69
		339	23.26	-14.15	-50.73	-37.93	-26.95	-17.45	166.55	-1439.58	166.21	-1439.23	23.41
		341	15.74	4.45	-91.04	-8.94	-77.65	-33.15	-108.45	-855.08	-113.09	-850.44	58.69
		349	16.25	38.13	-60.22	30.97	-53.06	25.56	-208.59	-927.41	-220.62	-915.39	92.19
234	37	348	36.94	-40.41	-152.65	-51.03	-142.02	-32.86	183.26	-1996.08	173.96	-1986.78	142.09
		339	20.43	-12.89	-44.56	-33.41	-24.03	-15.13	145.42	-1264.14	145.11	-1263.82	21.05
		341	13.82	3.73	-80.18	-7.86	-68.59	-28.96	-96.83	-750.62	-101.00	-746.45	52.06
		349	14.30	33.51	-53.29	27.27	-47.06	22.41	-182.32	-814.38	-193.08	-803.62	81.76
235	8	349	24.57	-5.19	-94.93	-5.59	-94.54	5.95	80.10	-1296.06	25.79	-1241.75	267.93
		341	23.18	3.82	-83.99	-1.24	-78.93	-20.45	-17.96	-1304.10	-26.26	-1295.80	102.97
		342	13.08	-2.50	-63.48	-3.90	-62.09	-9.11	35.36	-694.50	-29.80	-629.35	208.11
		350	13.49	4.72	-62.32	4.00	-61.60	6.91	-57.55	-713.75	-81.25	-690.05	122.42
235	32	349	18.19	-3.85	-70.46	-4.14	-70.17	4.39	59.24	-958.94	19.00	-918.70	198.37
		341	17.15	2.77	-62.30	-0.93	-58.60	-15.07	-13.55	-964.73	-19.74	-958.54	76.47
		342	9.69	-1.87	-47.14	-2.88	-46.13	-6.68	26.17	-513.88	-22.35	-465.35	154.44
		350	9.99	3.50	-46.32	2.97	-45.79	5.10	-42.51	-528.04	-60.14	-510.40	90.83
235	37	349	16.01	-3.40	-62.56	-3.65	-62.32	3.82	51.96	-842.28	16.43	-806.74	174.68
		341	15.08	2.26	-55.23	-0.87	-52.10	-13.04	-12.74	-846.83	-18.34	-841.23	68.09
		342	8.53	-1.71	-41.95	-2.53	-41.12	-5.70	23.03	-451.42	-20.63	-407.77	137.14
		350	8.81	3.10	-41.35	2.66	-40.90	4.44	-37.11	-463.59	-52.92	-447.78	80.58
236	8	350	14.15	-0.08	-66.24	-0.41	-65.92	4.62	17.56	-720.23	-19.73	-682.94	161.62
		342	13.93	-0.39	-65.48	-1.70	-64.16	-9.17	13.08	-737.44	-23.16	-701.19	160.89
		343	8.33	-1.29	-53.37	-1.40	-53.27	-2.35	67.53	-383.16	-5.21	-310.42	165.80
		351	7.64	1.14	-50.73	0.89	-50.48	3.58	11.11	-346.09	-29.40	-305.58	113.26
236	32	350	10.48	-0.07	-49.31	-0.31	-49.07	3.41	13.06	-532.86	-14.65	-505.16	119.83
		342	10.32	-0.32	-48.71	-1.27	-47.75	-6.72	9.65	-545.58	-17.40	-518.54	119.52
		343	6.18	-0.96	-39.75	-1.03	-39.68	-1.68	50.26	-283.79	-4.08	-229.45	123.29
		351	5.67	0.85	-37.82	0.67	-37.63	2.64	8.38	-256.16	-21.81	-225.97	84.11
236	37	350	9.25	-0.08	-44.23	-0.28	-44.03	2.97	11.69	-467.94	-13.02	-443.22	106.04
		342	9.10	-0.39	-43.59	-1.16	-42.82	-5.72	8.38	-479.08	-16.13	-454.56	106.54
		343	5.48	-0.84	-35.75	-0.89	-35.70	-1.32	45.14	-250.21	-4.31	-200.76	110.27
		351	5.02	0.78	-34.10	0.63	-33.95	2.28	7.88	-225.26	-19.33	-198.06	74.86
237	8	351	7.92	0.13	-53.80	9.59e-03	-53.67	2.58	20.46	-351.94	-18.12	-313.36	113.48
		343	8.50	-1.51	-56.34	-1.71	-56.14	-3.32	58.29	-387.53	-1.37	-327.87	151.78
		344	4.43	-1.10	-50.42	-1.12	-50.40	0.96	123.28	-130.81	12.89	-20.43	125.95
		352	3.24	0.65	-45.96	0.55	-45.87	2.14	72.57	-92.24	-15.24	-4.43	82.23
237	32	351	5.87	0.09	-40.17	2.88e-03	-40.08	1.90	15.30	-260.50	-13.45	-231.75	84.27
		343	6.31	-1.14	-42.04	-1.28	-41.89	-2.41	43.41	-287.01	-1.21	-242.39	112.92
		344	3.31	-0.81	-37.65	-0.83	-37.64	0.76	91.85	-97.46	9.40	-15.00	93.86
		352	2.42	0.49	-34.35	0.42	-34.28	1.57	54.04	-68.58	-11.32	-3.22	61.17
237	37	351	5.21	0.06	-36.41	-0.01	-36.34	1.63	13.96	-229.10	-11.95	-203.19	75.01
		343	5.61	-1.06	-38.02	-1.16	-37.92	-1.95	39.06	-252.99	-1.69	-212.24	101.20
		344	2.99	-0.69	-34.16	-0.71	-34.14	0.81	82.77	-87.75	7.80	-12.78	84.64
		352	2.18	0.46	-31.24	0.41	-31.18	1.33	48.59	-61.28	-10.09	-2.60	54.80
238	8	352	3.38	0.07	-48.79	0.04	-48.76	1.23	72.03	-94.25	-11.84	-10.38	83.13
		344	4.53	-1.63	-53.35	-1.63	-53.35	-0.03	120.88	-131.68	17.36	-28.16	124.21
		345	6.36	-1.08	-51.52	-1.31	-51.29	3.43	282.24	4.61	36.15	250.71	88.09
		353	6.57	0.54	-45.79	0.51	-45.76	1.18	281.98	-16.77	-7.46	272.67	51.91
238	32	352	2.52	0.05	-36.52	0.03	-36.50	0.89	53.63	-70.07	-8.79	-7.64	61.85
		344	3.38	-1.22	-39.91	-1.22	-39.90	0.02	90.08	-98.10	12.74	-20.76	92.59
		345	4.73	-0.79	-38.55	-0.97	-38.37	2.58	209.27	2.97	26.70	185.54	65.83
		353	4.88	0.41	-34.27	0.39	-34.25	0.86	208.81	-12.54	-5.55	201.82	38.72
238	37	352	2.28	0.02	-33.40	7.89e-03	-33.38	0.73	48.21	-62.60	-7.83	-6.56	55.41
		344	3.06	-1.10	-36.40	-1.11	-36.40	0.16	81.20	-88.33	10.83	-17.96	83.53
		345	4.24	-0.68	-35.20	-0.85	-35.03	2.41	185.32	1.15	23.31	163.16	59.92
		353	4.36	0.40	-31.34	0.38	-31.33	0.69	184.03	-11.45	-4.96	177.53	35.04
239	8	353	6.71	0.31	-48.31	0.31	-48.31	0.02	280.84	-22.88	-10.20	268.16	60.75
		345	6.47	-1.82	-54.50	-1.93	-54.39	2.49	280.96	4.93	39.91	245.98	91.82
		346	9.97	-1.69	-55.88	-2.47	-55.11	6.42	522.74	72.16	76.83	518.08	45.61

		354	10.75	0.10	-50.46	0.08	-50.44	0.99	551.24	5.34	5.83	550.75	16.29
239	32	353	4.99	0.23	-36.22	0.23	-36.22	-8.58e-03	207.95	-17.08	-7.57	198.44	45.27
		345	4.81	-1.35	-40.84	-1.44	-40.75	1.89	208.31	3.21	29.52	182.00	68.59
		346	7.40	-1.26	-41.86	-1.84	-41.29	4.81	387.04	53.35	56.90	383.49	34.24
		354	7.98	0.08	-37.80	0.07	-37.79	0.71	408.18	3.95	4.32	407.81	12.30
239	37	353	4.47	0.18	-33.30	0.18	-33.30	-0.09	183.24	-15.50	-6.73	174.47	40.82
		345	4.32	-1.22	-37.48	-1.31	-37.39	1.79	184.43	1.37	25.89	159.92	62.34
		346	6.59	-1.13	-38.40	-1.66	-37.87	4.40	340.88	46.71	50.17	337.42	31.69
		354	7.10	0.10	-34.65	0.09	-34.64	0.56	359.64	3.46	3.84	359.26	11.61
240	8	354	11.42	5.19	-50.60	4.86	-50.27	-4.30	556.03	-51.01	-47.64	552.66	45.10
		346	10.03	-3.08	-63.28	-4.57	-61.79	9.35	511.99	83.35	87.21	508.13	40.48
		347	13.67	-10.27	-51.67	-11.48	-50.46	6.97	830.52	174.35	174.59	830.28	12.49
		1	15.50	-7.76	-75.66	-10.15	-73.28	12.49	840.54	100.91	107.55	833.90	-69.79
240	32	354	8.48	3.89	-37.97	3.64	-37.72	-3.26	411.67	-37.85	-35.31	409.14	33.66
		346	7.46	-2.30	-47.47	-3.42	-46.35	7.03	379.05	61.67	64.62	376.11	30.44
		347	10.14	-7.72	-38.75	-8.60	-37.86	5.17	615.16	129.15	129.33	614.98	9.36
		1	11.52	-5.82	-56.69	-7.61	-54.90	9.37	623.15	74.85	79.75	618.25	-51.59
240	37	354	7.55	3.57	-35.01	3.31	-34.75	-3.13	362.50	-33.58	-31.22	360.14	30.49
		346	6.65	-2.09	-43.72	-3.13	-42.68	6.51	333.78	54.19	57.08	330.88	28.32
		347	9.02	-7.15	-35.67	-7.90	-34.91	4.59	542.55	113.95	114.13	542.38	8.64
		1	10.27	-5.36	-51.99	-7.00	-50.34	8.61	551.42	66.37	70.61	547.17	-45.17
241	7	358	35.39	44.85	-121.38	-70.14	-6.40	76.76	1957.65	-97.52	424.07	1436.07	-894.37
		355	61.71	-6.74	-231.26	-16.81	-221.19	46.47	3374.52	37.16	131.46	3280.23	-552.98
		356	14.42	11.49	-50.59	10.79	-49.88	-6.58	749.98	-44.65	-20.34	725.67	136.84
		357	19.12	15.89	-88.09	-7.54	-64.66	43.44	1092.25	47.82	51.72	1088.35	63.71
241	31	358	26.19	33.00	-89.93	-51.89	-5.05	56.83	1447.40	-72.54	313.54	1061.31	-661.64
		355	45.58	-5.02	-170.24	-12.44	-162.81	34.23	2494.31	27.38	97.15	2424.54	-408.97
		356	10.64	8.53	-36.98	8.01	-36.46	-4.84	554.08	-32.96	-15.04	536.16	100.98
		357	14.13	11.78	-64.94	-5.50	-47.66	32.05	807.04	35.52	38.35	804.20	46.67
241	37	358	22.99	28.38	-79.36	-45.54	-5.43	50.00	1267.62	-64.94	274.62	928.06	-580.67
		355	39.77	-4.51	-146.69	-10.95	-140.25	29.57	2182.42	23.67	84.97	2121.12	-358.56
		356	9.23	7.58	-31.01	7.13	-30.57	-4.14	483.91	-28.69	-13.18	468.40	87.80
		357	12.33	10.44	-56.29	-4.57	-41.28	27.86	705.14	31.63	33.96	702.81	39.50
242	7	357	15.97	13.78	-71.54	-11.26	-46.49	38.85	928.38	94.04	96.67	925.75	-46.76
		356	20.61	-0.03	-71.76	-0.39	-71.41	5.04	1150.90	30.94	31.60	1150.25	-27.05
		359	9.77	2.16	-21.63	2.07	-21.54	1.49	571.12	-16.06	-7.44	562.49	70.65
		360	9.55	6.52	-40.35	-4.99	-28.84	20.17	580.91	7.61	30.87	557.64	113.11
242	31	357	11.81	10.19	-52.85	-8.31	-34.35	28.70	686.00	69.59	71.58	684.00	-34.99
		356	15.22	-0.04	-52.70	-0.30	-52.43	3.74	850.49	22.85	23.35	850.00	-20.17
		359	7.20	1.62	-15.67	1.54	-15.60	1.13	421.87	-11.85	-5.50	415.51	52.10
		360	7.04	4.82	-29.73	3.69	-21.21	14.89	428.98	5.85	22.96	411.88	83.33
242	37	357	10.32	8.92	-46.14	-7.23	-29.98	25.07	599.52	61.12	63.03	597.61	-31.95
		356	13.25	-0.07	-44.99	-0.31	-44.74	3.32	743.48	19.94	20.40	743.03	-18.21
		359	6.24	1.48	-12.70	1.40	-12.62	1.09	368.21	-10.32	-4.84	362.73	45.20
		360	6.13	4.22	-25.70	-3.24	-18.24	12.95	374.05	5.84	20.52	359.38	72.03
243	7	360	9.65	6.18	-41.98	-5.14	-30.66	20.43	580.07	7.58	28.55	559.09	107.56
		359	10.35	0.50	-26.10	0.33	-25.92	2.14	606.54	1.35	6.62	601.28	56.21
		361	5.25	1.49	-2.70	0.99	-2.20	1.36	335.22	-17.58	-0.18	317.82	76.39
		362	6.23	2.05	-22.48	-2.90	-17.53	9.85	370.52	-58.73	2.07	309.72	149.66
243	31	360	7.13	4.54	-31.00	-3.82	-22.64	15.07	428.36	5.82	21.24	412.95	79.22
		359	7.64	0.37	-19.04	0.23	-18.91	1.62	448.06	1.01	4.88	444.18	41.43
		361	3.86	1.16	-1.82	0.74	-1.40	1.04	247.54	-12.98	-0.14	234.69	56.40
		362	4.60	1.46	-16.55	-2.15	-12.95	7.21	273.56	-43.24	1.65	228.66	110.49
243	37	360	6.21	3.88	-27.02	-3.39	-19.75	13.10	373.53	5.80	19.01	360.32	68.44
		359	6.63	0.33	-15.88	0.19	-15.73	1.51	391.14	0.92	4.25	387.82	35.86
		361	3.33	1.27	-1.07	0.69	-0.48	1.01	215.80	-11.33	-0.15	204.62	49.14
		362	4.01	1.08	-14.30	-1.92	-11.30	6.09	238.35	-37.32	1.85	199.18	96.25
244	7	362	6.37	1.21	-24.76	-3.36	-20.18	9.90	373.27	-57.34	1.81	314.13	148.23
		361	5.42	0.65	-5.63	0.25	-5.23	1.53	340.70	-14.08	2.28	324.33	74.41
		363	2.90	5.64	0.43	0.69	5.37	1.14	155.46	-36.97	1.04	117.45	76.62
		364	4.51	-1.30	-14.48	-1.91	-13.86	2.77	219.63	-113.45	-12.19	118.36	153.22
244	31	362	4.71	0.81	-18.31	-2.51	-14.99	7.25	275.60	-42.22	1.46	231.91	109.43
		361	4.00	0.50	-4.03	0.18	-3.71	1.16	251.59	-10.40	1.68	239.51	54.94
		363	2.14	4.25	0.32	0.52	4.05	0.88	114.79	-27.35	0.76	86.68	56.61
		364	3.34	-1.02	-10.78	-1.42	-10.38	1.93	162.24	-83.83	-8.90	87.32	113.24
244	37	362	4.12	0.44	-16.05	-2.28	-13.33	6.12	240.14	-36.42	1.68	202.03	95.33
		361	3.46	0.53	-3.13	0.15	-2.75	1.12	219.35	-9.07	1.44	208.84	47.86
		363	1.88	4.00	0.28	0.49	3.79	0.86	100.03	-23.98	0.65	75.40	49.48
		364	2.96	-1.07	-9.72	-1.28	-9.52	1.31	141.63	-73.25	-7.46	75.84	99.04
245	8	364	4.59	-1.97	-16.97	-2.43	-16.51	2.59	220.37	-112.12	-11.75	120.00	152.64
		363	2.83	3.34	-0.35	0.13	2.86	1.24	156.78	-35.74	1.59	119.46	76.11
		365	2.11	4.75	0.34	0.57	4.51	1.00	46.01	-109.37	1.23	-64.59	70.37
		366	3.87	-0.93	-16.31	-1.39	-15.85	-2.61	101.45	-181.15	-21.83	-57.87	140.14
245	32	364	3.40	-1.52	-12.72	-1.82	-12.42	1.81	162.80	-82.85	-8.59	88.55	112.81
		363	2.09	2.47	-0.28	0.09	2.09	0.95	115.78	-26.43	1.17	88.18	56.25
		365	1.55	3.39	0.24	0.44	3.19	0.77	34.02	-80.86	0.91	-47.75	52.03
		366	2.88	-0.66	-12.40	-1.04	-12.03	-2.08	75.08	-133.95	-16.07	-42.80	103.65

245	37	364	3.01	-1.47	-11.73	-1.65	-11.56	1.33	142.24	-72.43	-7.28	77.09	98.70
		363	1.83	2.09	-0.36	0.06	1.66	0.93	101.04	-23.17	1.01	76.86	49.18
		365	1.36	2.63	0.15	0.41	2.36	0.77	29.80	-70.79	0.78	-41.77	45.57
246	8	366	2.55	-0.49	-11.86	-0.92	-11.43	-2.17	65.95	-117.33	-13.89	-37.49	90.88
		366	3.87	-1.51	-18.85	-1.89	-18.46	-2.56	101.94	-180.37	-21.59	-56.85	140.05
		365	2.12	2.37	-0.45	0.05	1.87	1.08	47.14	-108.42	1.90	-63.18	70.64
246	32	367	4.20	0.72	-3.37	0.54	-3.19	0.84	13.50	-260.39	0.72	-247.60	57.78
		368	4.96	0.73	-24.25	-1.42	-22.10	-7.02	17.74	-286.20	-34.02	-234.45	114.25
		366	2.88	-1.10	-14.36	-1.42	-14.04	-2.04	75.44	-133.37	-15.90	-42.04	103.58
246	37	365	1.57	1.60	-0.41	0.04	1.16	0.83	34.85	-80.16	1.40	-46.71	52.23
		367	3.12	0.54	-2.88	0.41	-2.76	0.65	10.00	-192.39	0.53	-182.92	42.74
		368	3.68	0.59	-18.51	-1.07	-16.86	-5.38	13.23	-211.54	-25.11	-173.20	84.55
247	8	366	2.55	-0.94	-13.80	-1.31	-13.44	-2.14	66.27	-116.82	-13.74	-36.82	90.82
		365	1.40	1.02	-0.67	0.01	0.34	0.83	30.53	-70.17	1.21	-40.85	45.75
		367	2.78	0.50	-3.61	0.39	-3.50	0.66	8.79	-168.10	0.45	-159.76	37.49
247	32	368	3.27	0.63	-17.82	-0.96	-16.23	-5.18	11.91	-185.04	-21.88	-151.25	74.24
		368	5.04	-0.15	-26.85	-2.21	-24.80	-7.12	16.74	-285.28	-34.48	-234.06	113.34
		367	4.33	0.43	-5.66	0.22	-5.45	1.11	19.39	-259.14	5.58	-245.33	60.47
247	37	369	7.70	0.28	-18.71	0.28	-18.71	-0.13	-3.97	-452.65	-6.25	-450.38	31.84
		370	7.53	2.06	-35.87	-2.48	-31.34	-12.30	-45.35	-438.68	-58.83	-425.20	71.56
		368	3.74	-0.09	-20.51	-1.67	-18.93	-5.45	12.49	-210.85	-25.45	-172.90	83.87
247	8	367	3.23	0.32	-4.65	0.17	-4.49	0.85	14.35	-191.46	4.12	-181.23	44.73
		369	5.72	0.21	-14.59	0.21	-14.59	-0.09	-2.94	-334.44	-4.62	-332.76	23.57
		370	5.60	1.57	-27.37	-1.87	-23.93	-9.36	-33.47	-324.13	-43.47	-314.12	52.98
248	32	368	3.33	-0.04	-19.81	-1.56	-18.29	-5.26	11.26	-184.43	-22.18	-150.99	73.66
		367	2.88	0.27	-5.38	0.14	-5.25	0.86	12.60	-167.28	3.60	-158.27	39.23
		369	5.10	0.20	-14.78	0.20	-14.78	-0.04	-2.56	-292.23	-4.05	-290.74	20.73
248	37	370	4.99	1.47	-26.27	-1.73	-23.08	-8.86	-29.13	-283.24	-37.99	-274.38	46.61
		370	7.71	1.27	-45.04	-5.88	-37.89	-16.73	-53.59	-432.77	-62.69	-423.67	58.03
		369	8.23	4.61	-18.89	3.90	-18.19	4.00	47.49	-452.14	42.33	-446.98	50.51
248	8	11	12.77	-5.01	-61.79	-8.11	-58.69	-12.91	-81.82	-695.54	-85.61	-691.75	-48.06
		371	10.49	-0.45	-36.77	-8.20	-29.03	-14.87	-137.78	-668.90	-138.29	-668.39	16.38
		370	5.74	0.97	-34.38	-4.46	-28.94	-12.75	-39.57	-319.75	-46.33	-313.00	42.99
248	32	369	6.12	3.52	-14.73	2.99	-14.20	3.07	35.11	-334.05	31.28	-330.23	37.37
		11	9.52	-3.86	-47.34	-6.21	-44.99	-9.84	-60.48	-514.08	-63.28	-511.28	-35.49
		371	7.79	-0.42	-28.02	-6.25	-22.19	-11.27	-101.82	-494.29	-102.19	-493.92	12.13
248	37	370	5.14	0.90	-33.06	-4.21	-27.95	-12.14	-34.49	-279.40	-40.49	-273.39	37.86
		369	5.47	3.39	-15.00	2.88	-14.49	3.02	30.73	-291.85	27.36	-288.48	32.80
		11	8.54	-3.80	-45.83	-6.02	-43.61	-9.41	-52.93	-449.69	-55.36	-447.26	-30.96
249	8	371	6.91	-0.66	-26.83	-6.01	-21.48	-10.55	-89.02	-432.12	-89.35	-431.79	10.68
		373	13.39	11.67	-21.61	-15.30	5.37	13.04	734.63	-190.16	59.82	484.65	-410.71
		358	27.46	14.42	-89.52	-63.79	-11.32	44.86	1604.82	-88.81	241.00	1275.02	-670.67
249	32	357	17.47	20.74	-81.01	-13.58	-46.68	48.11	1033.31	60.02	60.46	1032.87	20.68
		372	11.98	20.22	-59.15	-33.22	-5.71	37.23	741.84	-28.62	-22.82	736.04	-66.57
		373	9.93	8.67	-16.30	-11.47	3.84	9.86	543.31	-140.88	44.44	358.00	-304.05
249	37	358	20.32	10.64	-66.44	-47.26	-8.54	33.32	1186.44	-65.93	178.23	942.28	-496.15
		357	12.91	15.47	-59.86	-9.95	-34.44	35.62	763.52	44.50	44.81	763.20	14.97
		372	8.84	15.00	-43.86	-24.57	-4.30	27.63	548.06	-20.97	-16.62	543.71	-49.57
250	7	373	8.76	7.68	-15.18	-10.48	2.98	9.24	476.15	-124.06	39.48	312.60	-267.24
		358	17.84	9.21	-58.86	-41.64	-8.00	29.59	1038.62	-58.38	156.25	823.98	-435.19
		357	11.29	13.92	-52.34	-8.43	-29.99	31.32	667.32	39.30	39.54	667.09	12.26
250	31	372	7.70	13.23	-38.75	-21.50	-4.01	24.47	478.77	-17.83	-13.84	474.79	-44.29
		372	11.09	17.14	-55.21	-25.76	-12.31	35.55	677.31	-6.14	-1.75	672.93	-54.55
		357	15.53	13.07	-71.13	-16.07	-41.99	40.06	916.01	84.55	86.34	914.21	-38.55
250	37	360	9.23	9.12	-40.78	-4.50	-27.16	22.23	561.54	12.32	29.07	544.79	94.44
		374	8.19	8.80	-45.39	-16.23	-20.36	27.02	500.81	-24.13	-10.13	486.81	84.58
		372	8.20	12.69	-41.01	-19.08	-9.23	26.40	500.33	-4.32	-1.02	497.02	-40.72
251	7	357	11.48	9.73	-52.63	-11.86	-31.03	29.67	676.83	62.59	63.95	675.47	-28.85
		360	6.81	6.81	-30.11	-3.32	-19.98	16.47	414.68	9.32	21.63	402.36	69.57
		374	6.04	6.45	-33.61	-12.05	-15.11	19.97	369.69	-17.48	-7.19	359.40	62.27
251	31	372	7.20	11.18	-36.53	-16.85	-8.50	23.49	436.77	-3.11	7.63e-03	433.65	-36.90
		357	10.04	8.75	-46.21	-10.33	-27.13	26.16	591.42	55.08	56.38	590.12	-26.37
		360	5.93	6.17	-26.23	-2.90	-17.17	14.54	361.59	8.82	19.38	351.03	60.13
251	37	374	5.25	5.47	-29.58	-10.72	-13.39	17.47	321.90	-14.16	-5.34	313.08	53.72
		374	7.99	6.90	-45.45	-16.84	-21.71	26.06	491.94	-22.96	-11.61	480.59	75.59
		360	9.41	7.71	-43.13	-6.36	-29.07	22.75	568.14	16.14	30.06	554.21	86.57
251	7	362	5.79	3.95	-23.87	-3.02	-16.90	12.05	351.05	-42.09	1.22	307.74	123.09
		375	5.68	-2.02	-31.86	-11.54	-22.35	13.90	328.31	-61.56	-25.62	292.37	112.79
		374	5.90	5.00	-33.71	-12.52	-16.18	19.27	363.13	-16.62	-8.28	354.80	55.63
251	31	360	6.95	5.73	-31.91	-4.71	-21.47	16.85	419.56	12.13	22.37	409.33	63.76
		362	4.28	2.91	-17.64	-2.24	-12.48	8.91	259.17	-30.95	1.04	227.18	90.87
		375	4.20	-1.69	-23.57	-8.60	-16.66	10.17	242.30	-45.23	-18.65	215.72	83.28
251	37	374	5.15	4.06	-29.84	-11.20	-14.58	16.86	316.17	-13.41	-6.29	309.05	47.91
		360	6.06	5.11	-28.01	-4.17	-18.74	14.87	365.88	11.26	20.03	357.12	55.05
		362	3.72	2.52	-15.40	-1.99	-10.89	7.78	225.78	-26.58	1.34	197.86	79.16
252	7	375	3.67	-2.07	-20.70	-7.76	-15.02	8.58	210.81	-38.72	-15.43	187.51	72.60
		375	5.77	-3.24	-33.47	-12.06	-24.65	13.74	327.16	-60.46	-25.91	292.60	110.45

		362	5.93	2.88	-26.15	-3.78	-19.50	12.20	354.16	-39.15	2.33	312.68	120.81
		364	3.90	-0.21	-15.36	-2.08	-13.49	4.99	194.23	-88.76	-13.21	118.68	125.19
		376	4.10	-7.47	-26.03	-8.23	-25.27	3.68	179.52	-97.31	-37.66	119.88	113.82
252	31	375	4.27	-2.61	-24.82	-9.00	-18.44	10.05	241.45	-44.42	-18.87	215.90	81.56
		362	4.38	2.09	-19.38	-2.82	-14.48	9.02	261.48	-28.78	1.86	230.84	89.19
		364	2.88	-0.21	-11.44	-1.55	-10.11	3.63	143.46	-65.57	-9.65	87.55	92.53
		376	3.05	-5.67	-19.44	-6.15	-18.96	2.53	132.59	-71.83	-27.60	88.35	84.17
252	37	375	3.74	-2.97	-22.01	-8.15	-16.83	8.47	210.07	-38.02	-15.62	187.67	71.10
		362	3.82	1.70	-17.13	-2.55	-12.88	7.87	227.80	-24.68	2.06	201.07	77.69
		364	2.49	-0.37	-10.29	-1.39	-9.27	3.01	125.17	-57.25	-8.10	76.02	80.94
		376	2.72	-5.37	-17.70	-5.58	-17.48	1.61	115.65	-62.57	-23.41	76.50	73.79
253	7	376	4.18	-8.01	-28.51	-8.70	-27.83	3.69	179.52	-96.40	-37.41	120.52	113.13
		364	3.86	-0.93	-17.84	-2.61	-16.16	5.06	195.33	-87.13	-12.48	120.68	124.55
		366	3.28	-1.53	-15.33	-1.53	-15.33	-0.16	75.18	-155.23	-23.79	-56.26	114.05
		377	3.20	-5.51	-30.25	-6.12	-29.64	-3.84	56.05	-150.20	-48.34	-45.81	103.12
253	32	376	3.12	-6.24	-21.37	-6.59	-21.02	2.29	132.44	-71.07	-27.20	88.57	83.69
		364	2.86	-0.86	-13.26	-1.98	-12.14	3.55	144.14	-64.32	-9.01	88.83	92.03
		366	2.42	-1.15	-11.82	-1.16	-11.81	-0.41	55.71	-114.85	-17.44	-41.71	84.41
		377	2.42	-4.02	-23.21	-4.65	-22.57	-3.42	41.72	-111.17	-35.41	-34.04	76.44
253	37	376	2.78	-5.75	-19.65	-5.94	-19.46	1.62	115.66	-61.98	-23.25	76.93	73.35
		364	2.52	-0.89	-12.21	-1.79	-11.31	3.06	125.89	-56.19	-7.63	77.33	80.53
		366	2.13	-1.01	-11.26	-1.04	-11.24	-0.51	48.98	-100.60	-15.08	-36.54	74.02
		377	2.19	-3.48	-21.71	-4.19	-20.99	-3.55	36.95	-97.45	-30.58	-29.91	67.20
254	8	377	3.27	-6.02	-33.31	-6.72	-32.61	-4.31	56.45	-149.70	-47.74	-45.51	103.07
		366	3.33	-1.99	-18.21	-2.00	-18.21	-0.32	76.39	-154.28	-22.80	-55.09	114.20
		368	4.71	-0.61	-22.84	-1.79	-21.67	-4.97	-0.49	-268.99	-37.56	-231.92	92.62
		378	4.66	-2.69	-38.44	-5.89	-35.24	-10.22	-24.03	-251.16	-62.74	-212.45	85.41
254	32	377	2.45	-4.45	-25.18	-5.03	-24.61	-3.41	41.89	-110.72	-35.14	-33.69	76.30
		366	2.47	-1.49	-13.85	-1.50	-13.84	-0.32	56.55	-114.08	-16.79	-40.74	84.47
		368	3.50	-0.44	-17.43	-1.34	-16.53	-3.80	-0.26	-198.80	-27.72	-171.33	68.55
		378	3.46	-1.94	-29.11	-4.42	-26.63	-7.83	-17.56	-185.64	-46.28	-156.93	63.26
254	37	377	2.22	-3.92	-23.68	-4.57	-23.02	-3.53	37.10	-97.05	-30.35	-29.60	67.07
		366	2.18	-1.35	-13.28	-1.37	-13.27	-0.42	49.72	-99.93	-14.51	-35.69	74.07
		368	3.12	-0.38	-16.77	-1.22	-15.93	-3.61	0.06	-173.85	-24.16	-149.63	60.21
		378	3.09	-1.60	-27.42	-4.04	-24.98	-7.55	-14.84	-162.40	-40.24	-136.99	55.71
255	8	378	4.77	-3.32	-41.30	-6.52	-38.10	-10.55	-24.20	-250.62	-62.76	-212.06	85.11
		368	4.83	-1.02	-25.20	-1.90	-24.32	-4.53	2.21	-267.24	-35.32	-229.71	93.29
		370	7.36	-0.09	-34.46	-3.98	-30.57	-10.90	-57.12	-431.30	-66.16	-422.26	57.46
		379	7.08	-2.14	-45.26	-8.01	-39.39	-14.78	-75.63	-398.18	-87.00	-386.81	59.49
255	32	378	3.55	-2.42	-31.31	-4.90	-28.83	-8.09	-17.69	-185.24	-46.30	-156.63	63.04
		368	3.59	-0.75	-19.24	-1.43	-18.57	-3.47	1.73	-197.50	-26.07	-169.69	69.04
		370	5.47	-0.07	-26.29	-3.01	-23.35	-8.28	-42.17	-318.66	-48.88	-311.95	42.55
		379	5.26	-1.57	-34.30	-6.05	-29.82	-11.25	-55.80	-294.14	-64.25	-285.69	44.07
255	37	378	3.17	-2.09	-29.60	-4.51	-27.17	-7.80	-14.95	-162.04	-40.27	-136.73	55.52
		368	3.21	-0.70	-18.58	-1.32	-17.96	-3.28	1.80	-172.70	-22.72	-148.18	60.64
		370	4.88	-0.12	-25.23	-2.82	-22.53	-7.78	-36.77	-278.42	-42.72	-272.48	37.44
		379	4.69	-1.38	-32.38	-5.63	-28.12	-10.67	-48.56	-256.85	-56.06	-249.35	38.82
256	8	379	7.23	-2.56	-48.77	-9.11	-42.23	-16.11	-77.56	-400.49	-88.44	-389.62	58.25
		370	7.32	-2.19	-35.65	-5.43	-32.41	-9.90	-55.43	-422.88	-64.44	-413.87	56.84
		371	10.86	-0.52	-44.01	-7.90	-36.62	-16.33	-129.94	-663.70	-130.17	-663.46	11.23
		380	9.93	-3.01	-48.33	-8.93	-42.41	-15.27	-115.77	-578.40	-116.17	-578.00	13.60
256	32	379	5.38	-1.88	-37.01	-6.89	-32.00	-12.28	-57.24	-295.84	-65.31	-287.77	43.15
		370	5.44	-1.67	-27.21	-4.11	-24.77	-7.51	-40.93	-312.44	-47.62	-305.75	42.09
		371	8.07	-0.44	-33.55	-6.02	-27.97	-12.40	-96.02	-490.43	-96.19	-490.26	8.32
		380	7.37	-2.29	-36.62	-6.77	-32.14	-11.56	-85.52	-427.27	-85.82	-426.97	10.07
256	37	379	4.80	-1.67	-35.07	-6.45	-30.29	-11.70	-49.82	-258.34	-56.99	-251.17	38.00
		370	4.86	-1.67	-26.18	-3.87	-23.97	-7.01	-35.69	-272.99	-41.62	-267.07	37.03
		371	7.18	-0.58	-32.17	-5.79	-26.97	-11.71	-83.93	-428.69	-84.09	-428.54	7.34
		380	6.55	-2.27	-34.53	-6.40	-30.40	-10.78	-74.68	-373.11	-74.95	-372.84	8.85
257	8	382	7.89	18.43	-17.59	-1.49	2.32	17.91	395.27	-86.07	27.20	282.01	-204.18
		373	14.17	12.26	-32.74	-20.34	-0.15	20.11	777.71	-141.34	97.78	538.59	-403.22
		372	11.77	20.33	-55.51	-26.75	-8.43	36.80	720.10	-34.51	-28.81	714.41	-65.30
		381	8.42	15.70	-41.25	-24.84	-0.71	25.79	481.51	-71.03	-63.88	474.36	-62.44
257	32	382	5.85	13.74	-13.29	-1.21	1.67	13.44	292.46	-63.89	20.43	208.13	-151.45
		373	10.50	9.15	-24.57	-15.20	-0.22	15.10	575.15	-104.79	72.49	397.87	-298.51
		372	8.71	15.17	-41.25	-19.78	-6.29	27.39	531.99	-25.32	-21.04	527.72	-48.62
		381	6.22	11.68	-30.74	-18.49	-0.57	19.22	355.54	-52.22	-46.83	350.16	-46.55
257	37	382	5.19	12.33	-12.41	-1.35	1.27	12.30	256.62	-56.59	18.76	181.27	-133.88
		373	9.26	8.22	-22.52	-13.78	-0.52	13.87	503.97	-92.45	64.03	347.49	-262.38
		372	7.64	13.69	-36.70	-17.31	-5.70	24.52	464.72	-21.63	-17.72	460.80	-43.45
		381	5.41	10.41	-27.55	-16.49	-0.65	17.25	310.10	-44.92	-39.94	305.13	-41.74
258	7	381	8.07	13.94	-41.14	-23.56	-3.64	25.68	468.43	-64.58	-59.75	463.61	-50.48
		372	11.12	17.47	-55.54	-24.84	-13.23	36.04	669.78	-10.91	-5.81	664.68	-58.73
		374	8.33	10.88	-46.52	-16.40	-19.24	28.66	499.35	-29.67	-16.43	486.11	82.63
		383	7.85	2.94	-42.39	-26.38	-13.07	21.67	421.17	-79.43	-72.40	414.14	58.91
258	31	381	5.95	10.34	-30.71	-17.58	-2.80	19.15	345.82	-47.39	-43.74	342.16	-37.75
		372	8.23	13.00	-41.32	-18.42	-9.90	26.82	494.77	-7.86	-4.01	490.92	-43.80

		374	6.15	8.05	-34.51	-12.18	-14.28	21.26	368.61	-21.57	-11.85	358.88	60.84
		383	5.79	2.05	-31.49	-19.67	-9.77	16.02	310.68	-58.22	-53.06	305.52	43.30
258	37	381	5.17	9.14	-27.84	-15.90	-2.80	17.29	301.22	-40.41	-36.90	297.71	-34.43
		372	7.23	11.67	-37.00	-16.29	-9.04	24.06	431.92	-6.22	-2.61	428.31	-39.58
		374	5.35	7.10	-30.59	-10.83	-12.66	18.82	320.96	-17.74	-9.41	312.63	52.47
		383	5.02	1.40	-28.07	-17.77	-8.90	14.05	269.82	-49.36	-44.98	265.45	37.12
259	7	383	7.50	0.68	-42.50	-25.92	-15.90	21.00	410.88	-75.77	-69.22	404.33	56.09
		374	8.01	8.73	-46.98	-17.10	-21.14	27.78	490.06	-26.68	-15.90	479.28	73.86
		375	5.79	-0.03	-33.44	-11.73	-21.75	15.94	327.10	-62.77	-27.58	291.91	111.72
		384	5.49	-12.13	-33.61	-21.25	-24.49	10.62	296.19	-91.12	-67.54	272.61	92.61
259	31	383	5.53	0.32	-31.61	-19.35	-11.94	15.53	303.07	-55.51	-50.71	298.27	41.22
		374	5.91	6.42	-34.90	-12.72	-15.76	20.60	361.75	-19.37	-11.45	353.83	54.35
		375	4.26	-0.15	-24.80	-8.74	-16.21	11.74	241.41	-46.13	-20.11	215.38	82.50
		384	4.06	-9.30	-24.90	-15.88	-18.33	7.70	218.44	-66.97	-49.50	200.98	68.41
259	37	383	4.78	-0.31	-28.28	-17.55	-11.05	13.61	263.17	-47.00	-42.92	259.10	35.31
		374	5.14	5.51	-31.09	-11.37	-14.20	18.25	314.97	-15.83	-9.07	308.21	46.80
		375	3.69	-0.55	-21.96	-7.88	-14.62	10.16	210.03	-39.51	-16.69	187.22	71.92
		384	3.55	-9.22	-21.99	-14.44	-16.78	6.28	189.59	-57.38	-41.96	174.17	59.75
260	7	384	5.57	-13.52	-34.96	-21.46	-27.02	10.35	293.22	-90.07	-67.39	270.55	90.43
		375	5.69	-1.36	-35.09	-12.32	-24.13	15.80	326.13	-61.46	-27.73	292.40	109.25
		376	3.95	-6.57	-26.74	-8.42	-24.89	5.82	178.46	-97.06	-38.39	119.78	112.79
		385	4.32	-15.61	-33.78	-15.64	-33.75	0.70	159.38	-106.07	-66.78	120.09	94.27
260	31	384	4.12	-10.37	-25.97	-16.05	-20.28	7.51	216.26	-66.19	-49.39	199.45	66.81
		375	4.21	-1.17	-26.08	-9.20	-18.05	11.64	240.69	-45.16	-20.22	215.75	80.67
		376	2.93	-5.01	-19.95	-6.29	-18.67	4.18	131.79	-71.65	-28.14	88.29	83.42
		385	3.22	-11.69	-25.34	-11.70	-25.33	0.26	117.66	-78.24	-49.01	88.42	69.81
260	37	384	3.62	-10.24	-23.12	-14.63	-18.74	6.10	187.68	-56.70	-41.87	172.85	58.35
		375	3.68	-1.54	-23.27	-8.32	-16.49	10.07	209.41	-38.66	-16.79	187.54	70.33
		376	2.61	-4.86	-18.08	-5.71	-17.23	3.25	114.96	-62.40	-23.88	76.44	73.13
		385	2.88	-10.64	-23.43	-10.67	-23.40	-0.60	102.46	-67.96	-41.76	76.26	61.47
261	8	385	4.43	-16.25	-36.54	-16.25	-36.54	0.16	158.15	-105.24	-66.21	119.12	93.58
		376	4.06	-7.53	-29.08	-9.03	-27.59	5.47	178.29	-95.93	-37.79	120.15	112.08
		377	3.11	-6.21	-29.88	-6.41	-29.68	-2.17	55.20	-149.46	-48.31	-45.95	102.32
		386	3.35	-10.06	-43.28	-11.67	-41.67	-7.13	34.32	-139.26	-68.19	-36.75	85.35
261	32	385	3.29	-12.14	-27.46	-12.14	-27.46	-0.11	116.77	-77.65	-48.62	87.74	69.29
		376	3.01	-5.71	-21.77	-6.74	-20.74	3.95	131.69	-70.83	-27.73	88.59	82.89
		377	2.30	-4.61	-22.53	-4.79	-22.36	-1.76	40.96	-110.54	-35.56	-34.03	75.75
		386	2.51	-7.43	-32.61	-8.72	-31.31	-5.56	25.60	-103.02	-50.17	-27.25	63.28
261	37	385	2.95	-10.93	-25.40	-10.96	-25.38	-0.62	101.86	-67.58	-41.72	76.00	60.94
		376	2.68	-5.31	-19.98	-6.08	-19.21	3.27	115.00	-61.77	-23.71	76.95	72.65
		377	2.03	-4.10	-21.01	-4.32	-20.80	-1.89	36.28	-96.89	-30.71	-29.90	66.58
		386	2.29	-6.50	-30.28	-7.88	-28.91	-5.55	23.04	-90.37	-43.29	-24.04	55.88
262	8	386	3.41	-10.63	-45.76	-12.14	-44.25	-7.12	34.13	-139.13	-68.10	-36.90	85.21
		377	3.18	-6.69	-32.47	-6.86	-32.30	-2.08	55.63	-148.82	-47.86	-45.34	102.22
		378	4.70	-3.98	-37.12	-6.08	-35.02	-8.08	-24.26	-250.62	-62.32	-212.55	84.66
		387	4.78	-6.42	-51.07	-10.03	-47.46	-12.17	-41.21	-228.12	-73.91	-195.42	71.01
262	32	386	2.56	-7.88	-34.51	-9.09	-33.30	-5.55	25.46	-102.93	-50.11	-27.36	63.18
		377	2.35	-4.99	-24.53	-5.13	-24.38	-1.70	41.28	-110.07	-35.23	-33.56	75.67
		378	3.49	-2.94	-28.09	-4.56	-26.47	-6.19	-17.74	-185.24	-45.97	-157.00	62.71
		387	3.55	-4.72	-38.52	-7.52	-35.72	-9.32	-30.16	-168.63	-54.48	-144.31	52.69
262	37	386	2.34	-6.96	-32.18	-8.24	-30.90	-5.55	22.93	-90.29	-43.24	-24.12	55.80
		377	2.09	-4.48	-23.00	-4.66	-22.82	-1.83	36.56	-96.47	-30.43	-29.48	66.52
		378	3.12	-2.60	-26.40	-4.17	-24.83	-5.91	-14.99	-162.04	-39.97	-137.06	55.22
		387	3.18	-4.09	-35.89	-6.86	-33.13	-8.96	-25.58	-147.55	-47.26	-125.87	46.63
263	8	387	4.90	-7.13	-53.54	-10.67	-50.01	-12.31	-41.06	-228.81	-73.99	-195.89	71.40
		378	4.80	-4.70	-39.56	-6.62	-37.65	-7.94	-23.70	-250.00	-62.08	-211.62	84.92
		379	7.12	-3.28	-44.34	-7.93	-39.69	-13.01	-73.87	-398.34	-84.74	-387.47	58.38
		388	7.16	-5.49	-56.48	-10.64	-51.33	-15.37	-75.63	-363.00	-84.12	-354.50	48.67
263	32	387	3.65	-5.26	-40.43	-8.01	-37.68	-9.43	-30.05	-169.13	-54.54	-144.65	52.97
		378	3.57	-3.50	-29.97	-4.98	-28.49	-6.08	-17.32	-184.78	-45.79	-156.31	62.90
		379	5.29	-2.44	-33.59	-5.99	-30.05	-9.90	-54.51	-294.25	-62.58	-286.18	43.25
		388	5.32	-4.06	-42.63	-8.01	-38.68	-11.70	-55.75	-268.05	-62.08	-261.72	36.11
263	37	387	3.27	-4.64	-37.80	-7.34	-35.09	-9.07	-25.49	-147.98	-47.31	-126.15	46.87
		378	3.20	-3.16	-28.27	-4.58	-26.85	-5.81	-14.63	-161.64	-39.82	-136.45	55.39
		379	4.72	-2.25	-31.66	-5.58	-28.34	-9.32	-47.43	-256.95	-54.60	-249.78	38.10
		388	4.75	-3.61	-39.79	-7.40	-36.01	-11.08	-48.38	-233.81	-54.06	-228.13	31.94
264	8	388	7.30	-5.69	-59.52	-11.40	-53.80	-16.58	-76.23	-364.57	-84.15	-356.66	47.11
		379	7.23	-5.26	-45.72	-8.95	-42.02	-11.66	-74.72	-398.34	-85.20	-387.86	57.28
		380	9.97	-1.60	-50.59	-9.01	-43.17	-17.56	-114.74	-576.66	-115.09	-576.31	12.66
		389	9.44	-5.81	-59.53	-11.01	-54.33	-15.89	-99.20	-500.91	-99.40	-500.71	9.03
264	32	388	5.43	-4.20	-44.98	-8.59	-40.59	-12.64	-56.21	-269.21	-62.10	-263.31	34.95
		379	5.37	-3.96	-34.66	-6.77	-31.85	-8.86	-55.14	-294.25	-62.92	-286.47	42.43
		380	7.40	-1.20	-38.35	-6.83	-32.72	-13.33	-84.76	-425.98	-85.02	-425.72	9.37
		389	7.02	-4.36	-44.93	-8.31	-40.98	-12.03	-73.25	-369.86	-73.40	-369.71	6.69
264	37	388	4.85	-3.74	-42.15	-7.97	-37.92	-12.02	-48.79	-234.80	-54.07	-229.52	30.90
		379	4.80	-3.74	-32.74	-6.34	-30.14	-8.28	-47.99	-256.94	-54.89	-250.04	37.36
		380	6.58	-1.17	-36.24	-6.46	-30.95	-12.55	-74.02	-371.99	-74.25	-371.76	8.24

		389	6.24	-4.09	-41.94	-7.76	-38.27	-11.20	-63.88	-322.53	-64.01	-322.39	5.90
265	7	391	5.09	24.53	-16.38	5.45	2.71	20.41	232.51	-44.73	-17.09	204.87	-83.05
		382	8.19	18.98	-20.19	-2.63	1.42	19.48	411.48	-81.63	31.22	298.62	-207.16
		381	8.45	18.11	-42.65	-23.54	-1.00	28.21	483.85	-70.33	-64.26	477.78	-57.67
		390	6.98	10.96	-35.57	-24.91	0.30	19.56	349.08	-89.22	-88.19	348.05	-21.22
265	31	391	3.78	18.35	-12.40	3.96	1.99	15.34	171.92	-33.09	-12.15	150.98	-62.08
		382	6.08	14.20	-15.26	-2.06	1.00	14.65	304.46	-60.64	23.44	220.38	-153.72
		381	6.24	13.55	-31.86	-17.54	-0.77	21.10	357.23	-51.66	-47.07	352.64	-43.07
		390	5.16	8.19	-26.64	-18.69	0.24	14.62	257.38	-65.42	-64.61	256.57	-16.19
265	37	391	3.39	16.76	-11.79	3.24	1.73	14.25	150.65	-29.11	-9.11	130.64	-56.53
		382	5.42	12.97	-14.45	-2.19	0.72	13.63	267.40	-54.03	21.67	191.71	-136.39
		381	5.43	12.38	-28.96	-15.81	-0.77	19.26	311.25	-44.18	-39.83	306.90	-39.09
		390	4.50	7.45	-24.41	-17.22	0.26	13.32	223.16	-55.60	-54.70	222.27	-15.78
266	7	390	6.86	8.73	-36.18	-24.96	-2.49	19.44	347.32	-88.53	-87.95	346.75	-15.82
		381	8.04	15.67	-43.40	-23.29	-4.44	27.99	469.19	-61.64	-57.12	464.67	-48.76
		383	7.87	4.90	-43.83	-25.91	-13.02	23.50	418.16	-79.76	-72.87	411.27	58.17
		392	7.23	-7.95	-39.37	-34.08	-13.24	11.76	353.28	-114.21	-109.94	349.01	44.44
266	31	390	5.06	6.48	-27.12	-18.73	-1.90	14.54	256.06	-64.90	-64.43	255.60	-12.20
		381	5.93	11.68	-32.44	-17.38	-3.39	20.92	346.38	-45.22	-41.79	342.95	-36.48
		383	5.81	3.57	-32.62	-19.33	-9.73	17.44	308.46	-58.46	-53.41	303.41	42.76
		392	5.33	-6.05	-29.38	-25.53	-9.90	8.66	260.29	-83.77	-80.65	257.17	32.61
266	37	390	4.40	5.74	-24.92	-17.31	-1.86	13.24	221.94	-55.08	-54.53	221.39	-12.28
		381	5.17	10.51	-29.52	-15.72	-3.30	19.03	301.70	-38.49	-35.20	298.41	-33.31
		383	5.05	2.94	-29.26	-17.47	-8.85	15.51	267.89	-49.57	-45.29	263.60	36.65
		392	4.62	-5.86	-26.59	-23.41	-9.04	7.47	225.08	-71.25	-68.62	222.45	27.78
267	7	392	6.98	-10.63	-39.34	-33.68	-16.28	11.42	348.37	-111.88	-107.55	344.05	44.39
		383	7.55	2.64	-44.28	-25.77	-15.87	22.93	409.29	-76.10	-69.66	402.85	55.51
		384	5.55	-10.04	-35.43	-21.32	-24.15	12.62	295.37	-92.08	-68.66	271.96	92.32
		393	5.56	-27.75	-31.54	-29.79	-29.51	1.89	267.22	-115.94	-103.09	254.37	69.00
267	31	392	5.14	-8.11	-29.36	-25.24	-12.23	8.40	256.67	-82.05	-78.89	253.50	32.58
		383	5.57	1.83	-32.99	-19.24	-11.91	17.02	301.90	-55.75	-51.04	297.19	40.79
		384	4.09	-7.70	-26.32	-15.93	-18.08	9.25	217.84	-67.67	-50.33	200.50	68.20
		393	4.11	-21.02	-23.39	-22.31	-22.11	1.18	196.86	-85.19	-75.63	187.30	51.03
267	37	392	4.45	-7.92	-26.61	-23.19	-11.34	7.22	221.91	-69.75	-67.08	219.25	27.77
		383	4.83	1.23	-29.69	-17.45	-11.01	15.12	262.15	-47.21	-43.21	258.16	34.94
		384	3.52	-7.61	-23.42	-14.49	-16.55	7.84	189.06	-57.99	-42.68	173.76	59.56
		393	3.59	-20.03	-20.72	-20.45	-20.30	0.33	170.16	-72.93	-64.39	161.62	44.76
268	7	393	5.64	-28.82	-33.17	-29.70	-32.30	1.74	264.01	-114.55	-102.01	251.48	67.73
		384	5.51	-11.51	-36.78	-21.56	-26.73	12.37	292.50	-90.84	-68.31	269.97	90.16
		385	4.21	-15.36	-33.88	-15.78	-33.46	2.78	159.17	-106.59	-67.37	119.96	94.25
		394	4.73	-20.46	-44.89	-21.92	-43.42	-5.80	141.19	-112.62	-91.70	120.28	69.80
268	31	393	4.17	-21.79	-24.72	-22.25	-24.25	1.07	194.50	-84.16	-74.84	185.18	50.10
		384	4.07	-8.82	-27.37	-16.12	-20.07	9.06	215.72	-66.76	-50.07	199.03	66.61
		385	3.13	-11.55	-25.37	-11.80	-25.11	1.86	117.50	-78.62	-49.45	88.32	69.79
		394	3.52	-15.19	-33.81	-16.41	-32.58	-4.62	104.11	-82.99	-67.32	88.44	51.82
268	37	393	3.66	-20.41	-22.46	-20.43	-22.43	0.23	168.11	-72.04	-63.71	159.77	43.95
		384	3.57	-8.71	-24.53	-14.69	-18.54	7.67	187.22	-57.20	-42.46	172.48	58.17
		385	2.79	-10.69	-23.28	-10.77	-23.20	1.01	102.32	-68.29	-42.15	76.17	61.45
		394	3.16	-13.46	-31.62	-15.03	-30.05	-5.11	90.28	-71.81	-57.44	75.91	46.08
269	8	394	4.83	-20.90	-47.98	-22.53	-46.35	-6.45	139.23	-111.71	-90.72	118.24	69.47
		385	4.32	-16.15	-36.51	-16.39	-36.26	2.24	157.94	-105.71	-66.76	118.99	93.55
		386	3.19	-10.97	-42.29	-11.80	-41.46	-5.01	34.29	-139.33	-68.28	-36.76	85.37
		395	3.63	-12.72	-57.16	-15.85	-54.03	-11.37	12.54	-123.91	-82.51	-28.86	62.73
269	32	394	3.60	-15.53	-36.12	-16.85	-34.80	-5.05	102.69	-82.34	-66.65	86.99	51.56
		385	3.21	-12.10	-27.40	-12.25	-27.25	1.50	116.61	-77.99	-49.03	87.65	69.26
		386	2.39	-8.15	-31.83	-8.82	-31.16	-3.93	25.58	-103.08	-50.23	-27.26	63.29
		395	2.73	-9.40	-43.00	-11.85	-40.54	-8.74	9.56	-91.68	-60.68	-21.44	46.66
269	37	394	3.22	-13.82	-33.48	-15.25	-32.05	-5.10	89.31	-71.48	-57.24	75.07	45.68
		385	2.86	-10.99	-25.25	-11.06	-25.18	1.00	101.72	-67.88	-42.08	75.91	60.92
		386	2.17	-7.25	-29.48	-7.96	-28.77	-3.92	23.03	-90.42	-43.34	-24.05	55.90
		395	2.50	-8.24	-39.71	-10.71	-37.25	-8.46	9.16	-80.47	-52.29	-19.03	41.61
270	8	395	3.70	-13.34	-59.52	-16.31	-56.55	-11.33	11.96	-124.05	-82.44	-29.65	62.67
		386	3.25	-11.51	-44.79	-12.26	-44.03	-4.96	34.14	-139.21	-68.16	-36.90	85.25
		387	4.81	-7.55	-49.92	-10.10	-47.37	-10.07	-40.91	-227.96	-73.47	-195.40	70.93
		396	5.09	-8.84	-64.59	-12.73	-60.71	-14.20	-57.04	-202.03	-78.36	-180.70	51.35
270	32	395	2.78	-9.88	-44.81	-12.20	-42.48	-8.71	9.13	-91.79	-60.63	-22.02	46.62
		386	2.43	-8.56	-33.75	-9.18	-33.14	-3.89	25.47	-102.98	-50.15	-27.36	63.21
		387	3.58	-5.59	-37.63	-7.57	-35.66	-7.71	-29.94	-168.51	-54.16	-144.29	52.63
		396	3.79	-6.52	-48.60	-9.53	-45.59	-10.85	-41.75	-149.34	-57.71	-133.37	38.24
270	37	395	2.55	-8.73	-41.52	-11.07	-39.19	-8.43	8.80	-80.57	-52.25	-19.52	41.58
		386	2.21	-7.67	-31.40	-8.32	-30.75	-3.88	22.94	-90.34	-43.27	-24.12	55.82
		387	3.20	-4.98	-34.99	-6.90	-33.07	-7.34	-25.38	-147.44	-46.98	-125.85	46.57
		396	3.41	-5.72	-44.95	-8.67	-42.01	-10.35	-35.43	-130.66	-49.94	-116.15	34.22
271	8	396	5.22	-9.54	-66.97	-13.34	-63.17	-14.28	-56.92	-203.12	-78.26	-181.78	51.62
		387	4.93	-8.36	-52.25	-10.71	-49.89	-9.89	-40.66	-228.57	-73.46	-195.78	71.33
		388	7.16	-6.45	-55.59	-10.64	-51.40	-13.73	-75.02	-362.51	-83.39	-354.14	48.34
		397	7.40	-8.11	-69.09	-12.55	-64.66	-15.84	-74.72	-330.56	-79.21	-326.07	33.60

271	32	396	3.89	-7.06	-50.44	-10.00	-47.49	-10.91	-41.66	-150.14	-57.64	-134.17	38.44
		387	3.67	-6.22	-39.42	-8.04	-37.60	-7.57	-29.75	-168.96	-54.14	-144.57	52.92
		388	5.32	-4.80	-41.95	-8.01	-38.74	-10.44	-55.30	-267.69	-61.54	-261.45	35.86
		397	5.50	-6.01	-52.01	-9.42	-48.60	-12.05	-55.03	-243.95	-58.41	-240.57	25.02
271	37	396	3.50	-6.25	-46.79	-9.13	-43.91	-10.41	-35.36	-131.35	-49.88	-116.83	34.39
		387	3.30	-5.60	-36.78	-7.37	-35.02	-7.21	-25.22	-147.83	-46.97	-126.08	46.83
		388	4.75	-4.36	-39.10	-7.40	-36.06	-9.82	-47.99	-233.49	-53.58	-227.90	31.73
		397	4.91	-5.37	-48.18	-8.65	-44.90	-11.39	-47.63	-212.38	-50.73	-209.28	22.39
272	8	397	7.55	-8.30	-72.04	-13.24	-67.09	-17.05	-74.99	-331.86	-79.12	-327.74	32.28
		388	7.29	-8.10	-57.14	-11.41	-53.83	-12.31	-75.57	-363.66	-83.39	-355.85	46.80
		389	9.47	-4.38	-61.13	-11.05	-54.47	-18.27	-99.13	-500.73	-99.33	-500.53	8.99
		398	9.31	-9.01	-71.70	-13.45	-67.26	-16.09	-88.06	-446.46	-88.14	-446.37	5.55
272	32	397	5.61	-6.15	-54.28	-9.95	-50.48	-12.99	-55.24	-244.90	-58.34	-241.80	24.04
		388	5.42	-6.07	-43.13	-8.60	-40.60	-9.35	-55.71	-268.53	-61.54	-262.71	34.72
		389	7.04	-3.26	-46.16	-8.33	-41.09	-13.86	-73.20	-369.73	-73.35	-369.58	6.67
		398	6.92	-6.74	-53.98	-10.12	-50.59	-12.18	-64.98	-329.43	-65.04	-329.36	4.13
272	37	397	5.02	-5.49	-50.46	-9.17	-46.78	-12.33	-47.82	-213.19	-50.67	-210.34	21.50
		388	4.84	-5.62	-40.30	-7.98	-37.94	-8.73	-48.36	-234.21	-53.58	-228.99	30.71
		389	6.27	-2.99	-43.16	-7.78	-38.37	-13.02	-63.84	-322.42	-63.97	-322.29	5.88
		398	6.16	-6.22	-50.02	-9.38	-46.87	-11.32	-56.55	-286.67	-56.61	-286.61	3.68
273	8	400	3.60	27.15	-17.90	5.48	3.76	22.51	170.81	-48.72	-48.71	170.80	-1.12
		391	5.29	26.16	-18.14	5.16	2.86	22.12	238.72	-44.41	-14.88	209.19	-86.54
		390	7.07	13.65	-38.24	-25.20	0.61	22.50	350.77	-88.44	-87.44	349.77	-20.95
		399	6.78	2.66	-37.61	-33.49	-1.46	12.20	291.59	-109.09	-107.96	290.46	21.23
273	32	400	2.67	20.34	-13.54	3.99	2.81	16.93	125.74	-35.49	-35.48	125.73	-1.58
		391	3.93	19.57	-13.71	3.76	2.10	16.62	176.51	-32.86	-10.56	154.21	-64.59
		390	5.22	10.23	-28.64	-18.86	0.46	16.86	258.70	-64.90	-64.11	257.91	-15.93
		399	5.01	2.04	-28.23	-25.15	-1.04	9.15	214.63	-79.92	-79.14	213.85	15.15
273	37	400	2.37	18.51	-12.67	3.38	2.46	15.59	108.69	-29.73	-29.65	108.61	-3.33
		391	3.51	17.73	-12.84	3.15	1.73	15.27	154.58	-28.85	-8.10	133.82	-58.11
		390	4.56	9.36	-26.08	-17.07	0.35	15.43	224.81	-55.55	-54.73	223.99	-15.10
		399	4.37	1.95	-25.78	-22.97	-0.86	8.36	185.40	-68.07	-67.52	184.84	11.87
274	7	399	6.68	-0.55	-36.86	-32.68	-4.74	11.60	295.35	-111.61	-110.18	293.91	24.11
		390	6.91	10.74	-38.11	-24.87	-2.51	21.72	349.16	-87.49	-86.95	348.62	-15.26
		392	7.27	-6.12	-40.93	-33.93	-13.12	13.95	352.46	-113.80	-109.42	348.08	44.98
		401	6.94	-19.66	-43.31	-43.22	-19.74	-1.41	320.21	-137.70	-134.01	316.51	40.97
274	31	399	4.93	-0.39	-27.74	-24.62	-3.52	8.70	217.28	-81.69	-80.70	216.29	17.22
		390	5.10	8.01	-28.59	-18.66	-1.91	16.28	257.42	-64.12	-63.69	256.99	-11.78
		392	5.36	-4.66	-30.57	-25.42	-9.81	10.34	259.69	-83.47	-80.27	256.49	33.01
		401	5.12	-14.65	-32.56	-32.48	-14.73	-1.18	235.55	-100.98	-98.27	232.84	30.06
274	37	399	4.30	-0.30	-25.86	-23.03	-3.13	8.02	186.86	-68.93	-68.25	186.18	13.16
		390	4.44	7.27	-26.37	-17.23	-1.87	14.96	223.13	-54.40	-53.89	222.62	-11.91
		392	4.66	-4.50	-27.77	-23.32	-8.95	9.15	224.57	-70.99	-68.29	221.87	28.12
		401	4.45	-13.19	-30.25	-30.12	-13.32	-1.48	202.47	-85.80	-83.51	200.18	25.58
275	7	401	6.71	-22.84	-42.69	-42.55	-22.98	-1.65	317.73	-136.02	-132.34	314.05	40.70
		392	7.03	-8.75	-41.02	-33.61	-16.17	13.58	347.70	-111.48	-107.08	343.30	44.71
		393	5.49	-25.63	-33.51	-29.85	-29.29	3.93	266.58	-116.18	-103.31	253.71	69.00
		402	6.10	-27.61	-49.20	-36.36	-40.45	-10.60	250.85	-130.81	-125.69	245.73	43.92
275	31	401	4.95	-17.08	-32.11	-31.99	-17.21	-1.37	233.72	-99.75	-97.05	231.02	29.87
		392	5.18	-6.68	-30.66	-25.19	-12.14	10.06	256.17	-81.76	-78.54	252.95	32.82
		393	4.06	-19.39	-24.91	-22.36	-21.94	2.75	196.39	-85.37	-75.80	186.82	51.03
		402	4.51	-20.48	-37.09	-27.29	-30.29	-8.17	184.51	-96.06	-92.21	180.67	32.60
275	37	401	4.29	-15.57	-29.89	-29.69	-15.76	-1.66	200.89	-84.74	-82.45	198.60	25.45
		392	4.49	-6.51	-27.89	-23.15	-11.24	8.88	221.49	-69.49	-66.77	218.77	27.97
		393	3.54	-18.40	-22.24	-20.50	-20.14	1.91	169.75	-73.08	-64.53	161.20	44.75
		402	3.95	-18.15	-34.79	-25.20	-27.74	-8.22	158.56	-82.03	-78.49	155.02	28.97
276	7	402	6.18	-28.56	-50.84	-36.08	-43.33	-10.53	247.83	-129.24	-124.16	242.76	43.44
		393	5.58	-26.96	-34.89	-29.77	-32.08	3.79	263.48	-114.77	-102.23	250.94	67.73
		394	4.63	-21.38	-43.89	-22.04	-43.24	-3.77	140.99	-112.89	-92.03	120.13	69.72
		403	5.38	-19.78	-62.91	-25.51	-57.18	-14.64	128.97	-113.72	-106.93	122.19	40.01
276	31	402	4.58	-21.23	-38.35	-27.09	-32.50	-8.12	182.29	-94.90	-91.09	178.49	32.25
		393	4.12	-20.41	-25.99	-22.31	-24.08	2.65	194.10	-84.33	-75.00	184.78	50.10
		394	3.44	-15.93	-33.01	-16.50	-32.44	-3.06	103.96	-83.19	-67.56	88.33	51.76
		403	4.01	-14.64	-47.34	-19.12	-42.87	-11.24	94.89	-83.67	-78.50	89.71	29.95
276	37	402	4.02	-18.96	-36.01	-25.04	-29.93	-8.17	156.65	-81.04	-77.53	153.14	28.67
		393	3.61	-19.35	-23.41	-20.49	-22.27	1.82	167.76	-72.18	-63.84	159.42	43.95
		394	3.08	-14.32	-30.72	-15.12	-29.92	-3.54	90.15	-71.98	-57.65	75.81	46.02
		403	3.60	-12.87	-44.13	-17.57	-39.43	-11.17	81.63	-72.00	-66.95	76.58	27.38
277	8	403	5.49	-20.29	-66.08	-26.17	-60.20	-15.32	126.48	-112.59	-105.57	119.46	40.36
		394	4.73	-21.85	-46.96	-22.64	-46.16	-4.41	139.02	-111.95	-91.02	118.09	69.39
		395	3.50	-13.77	-56.09	-15.93	-53.93	-9.31	12.41	-123.87	-82.62	-28.83	62.61
		404	4.10	-12.69	-73.78	-17.54	-68.94	-16.50	-7.61	-104.79	-90.06	-22.34	34.85
277	32	403	4.08	-15.05	-49.68	-19.59	-45.14	-11.68	93.11	-82.88	-77.55	87.77	30.17
		394	3.52	-16.28	-35.31	-16.94	-34.65	-3.48	102.54	-82.52	-66.87	86.88	51.50
		395	2.62	-10.22	-42.16	-11.91	-40.47	-7.15	9.46	-91.65	-60.76	-21.42	46.57
		404	3.08	-9.37	-55.41	-13.11	-51.67	-12.57	-5.38	-77.47	-66.20	-16.65	26.18
277	37	403	3.66	-13.38	-45.79	-17.76	-41.40	-11.08	80.50	-71.65	-66.58	75.44	27.30

		394	3.14	-14.61	-32.64	-15.32	-31.92	-3.52	89.18	-71.63	-57.43	74.98	45.63
		395	2.39	-9.08	-38.86	-10.76	-37.18	-6.86	9.07	-80.44	-52.36	-19.01	41.54
		404	2.82	-8.21	-50.92	-11.84	-47.29	-11.92	-3.99	-67.86	-56.97	-14.89	24.02
278	8	404	4.17	-13.36	-76.05	-18.01	-71.40	-16.43	-8.51	-104.90	-89.94	-23.47	34.90
		395	3.56	-14.36	-58.47	-16.39	-56.44	-9.23	11.83	-123.99	-82.53	-29.63	62.55
		396	5.09	-9.86	-63.59	-12.77	-60.68	-12.15	-57.04	-201.78	-78.25	-180.57	51.18
		405	5.67	-9.50	-79.63	-13.51	-75.61	-16.29	-71.98	-177.18	-79.66	-169.50	27.37
278	32	404	3.13	-9.88	-57.15	-13.47	-53.57	-12.52	-6.03	-77.56	-66.11	-17.48	26.22
		395	2.67	-10.67	-43.99	-12.26	-42.40	-7.09	9.04	-91.74	-60.70	-22.01	46.53
		396	3.79	-7.31	-47.82	-9.56	-45.58	-9.27	-41.75	-149.15	-57.63	-133.28	38.12
		405	4.23	-7.01	-59.80	-10.11	-56.71	-12.41	-52.73	-130.90	-58.62	-125.01	20.62
278	37	404	2.88	-8.73	-52.67	-12.21	-49.19	-11.86	-4.54	-67.95	-56.89	-15.60	24.06
		395	2.45	-9.55	-40.69	-11.12	-39.12	-6.81	8.72	-80.53	-52.31	-19.51	41.50
		396	3.41	-6.52	-44.16	-8.69	-41.99	-8.77	-35.43	-130.50	-49.86	-116.07	34.11
		405	3.81	-6.15	-55.01	-9.16	-52.00	-11.74	-44.88	-114.34	-50.59	-108.63	19.09
279	8	405	5.80	-10.16	-82.00	-14.10	-78.06	-16.35	-71.90	-178.39	-79.51	-170.77	27.44
		396	5.22	-10.66	-65.86	-13.38	-63.15	-11.93	-56.91	-202.84	-78.13	-181.63	51.44
		397	7.39	-8.93	-68.33	-12.57	-64.69	-14.24	-74.60	-330.26	-79.06	-325.80	33.47
		406	7.87	-9.82	-82.76	-13.51	-79.07	-15.98	-74.63	-308.03	-75.82	-306.84	16.62
279	32	405	4.33	-7.52	-61.63	-10.56	-58.59	-12.45	-52.67	-131.79	-58.51	-125.95	20.68
		396	3.89	-7.93	-49.57	-10.02	-47.48	-9.10	-41.66	-149.94	-57.54	-134.05	38.31
		397	5.50	-6.64	-51.42	-9.43	-48.63	-10.82	-54.95	-243.73	-58.30	-240.37	24.93
		406	5.85	-7.28	-62.17	-10.12	-59.34	-12.15	-54.93	-227.10	-55.85	-226.18	12.54
279	37	405	3.90	-6.66	-56.84	-9.61	-53.90	-11.80	-44.83	-115.10	-50.50	-109.43	19.13
		396	3.51	-7.14	-45.91	-9.15	-43.90	-8.60	-35.35	-131.17	-49.79	-116.73	34.28
		397	4.91	-6.01	-47.58	-8.66	-44.93	-10.16	-47.55	-212.19	-50.63	-209.11	22.31
		406	5.22	-6.52	-57.27	-9.25	-54.54	-11.45	-47.45	-197.12	-48.36	-196.21	11.66
280	8	406	8.01	-10.05	-85.63	-14.19	-81.50	-17.18	-74.70	-309.44	-75.78	-308.36	15.87
		397	7.52	-10.38	-70.01	-13.27	-67.12	-12.81	-74.88	-331.52	-78.98	-327.42	32.18
		398	9.34	-7.73	-73.05	-13.47	-67.31	-18.50	-88.05	-446.41	-88.14	-446.33	5.57
		407	9.50	-12.47	-84.32	-16.02	-80.77	-15.59	-81.71	-414.98	-81.73	-414.97	2.36
280	32	406	5.96	-7.46	-64.39	-10.64	-61.21	-13.08	-54.99	-228.13	-55.83	-227.29	11.98
		397	5.59	-7.76	-52.71	-9.97	-50.50	-9.72	-55.16	-244.65	-58.24	-241.57	23.96
		398	6.94	-5.75	-55.02	-10.13	-50.64	-14.03	-64.97	-329.40	-65.04	-329.33	4.15
		407	7.06	-9.32	-63.36	-12.03	-60.65	-11.80	-60.24	-305.90	-60.25	-305.89	1.78
280	37	406	5.34	-6.67	-59.50	-9.75	-56.42	-12.39	-47.51	-198.00	-48.34	-197.17	11.12
		397	5.00	-7.12	-48.87	-9.19	-46.81	-9.06	-47.75	-212.97	-50.58	-210.14	21.43
		398	6.18	-5.23	-51.07	-9.39	-46.91	-13.16	-56.55	-286.65	-56.61	-286.59	3.69
		407	6.28	-8.55	-58.41	-11.08	-55.88	-10.95	-52.27	-265.39	-52.28	-265.38	1.66
281	8	409	4.78	20.74	-21.94	-2.76	1.56	21.23	172.42	-89.11	-70.14	153.45	67.84
		400	3.69	28.91	-18.89	5.66	4.36	23.89	172.45	-48.41	-48.37	172.41	-2.97
		399	6.86	4.70	-39.29	-33.45	-1.14	14.92	292.95	-108.72	-107.58	291.82	21.35
		408	7.26	-9.53	-49.70	-49.70	-9.53	-0.03	290.76	-138.55	-128.15	280.35	66.02
281	32	409	3.54	15.66	-16.62	-2.18	1.22	16.05	126.44	-64.84	-51.23	112.83	49.19
		400	2.74	21.69	-14.30	4.13	3.26	17.99	126.97	-35.28	-35.22	126.92	-2.94
		399	5.07	3.60	-29.51	-25.12	-0.79	11.24	215.64	-79.65	-78.86	214.85	15.24
		408	5.37	-6.99	-37.39	-37.39	-6.99	0.04	213.57	-101.42	-93.89	206.04	48.11
281	37	409	3.09	14.57	-15.62	-2.21	1.15	15.00	107.94	-54.07	-43.20	97.06	40.54
		400	2.45	19.82	-13.44	3.51	2.87	16.63	109.79	-29.58	-29.43	109.65	-4.51
		399	4.43	3.49	-27.06	-22.94	-0.64	10.44	186.30	-67.84	-67.28	185.74	11.95
		408	4.70	-6.05	-34.32	-34.32	-6.05	0.22	183.31	-86.16	-79.98	177.13	40.33
282	8	408	7.17	-13.04	-49.15	-49.11	-13.08	-1.13	296.89	-139.90	-130.04	287.03	64.89
		399	6.75	1.59	-38.95	-33.40	-3.97	13.94	294.06	-110.09	-108.78	292.76	22.96
		401	6.98	-19.37	-44.29	-44.28	-19.38	0.46	318.48	-136.38	-132.57	314.67	41.43
		410	7.10	-22.89	-67.48	-55.22	-35.15	-19.91	323.66	-153.66	-150.59	320.59	38.15
282	32	408	5.30	-9.67	-36.98	-36.96	-9.70	-0.79	218.07	-102.42	-95.28	210.94	47.30
		399	4.99	1.22	-29.27	-25.09	-2.97	10.49	216.45	-80.65	-79.74	215.54	16.44
		401	5.15	-14.46	-33.20	-33.19	-14.46	0.29	234.39	-100.08	-97.29	231.60	30.42
		410	5.24	-17.01	-50.67	-41.49	-26.20	-14.99	237.81	-112.72	-110.46	235.56	28.05
282	37	408	4.62	-8.67	-33.98	-33.97	-8.68	-0.53	187.18	-87.04	-81.17	181.32	39.69
		399	4.35	1.14	-26.87	-22.95	-2.79	9.72	186.97	-68.69	-68.03	186.31	13.02
		401	4.48	-13.10	-30.21	-30.20	-13.11	0.23	202.41	-85.69	-83.30	200.02	26.13
		410	4.57	-15.25	-46.32	-37.97	-23.59	-13.77	204.37	-96.38	-94.42	202.41	24.19
283	7	410	7.07	-25.10	-66.16	-52.49	-38.77	-19.35	323.35	-152.31	-149.38	320.42	37.18
		401	6.76	-22.54	-42.67	-42.66	-22.56	0.53	317.24	-136.04	-132.25	313.45	41.26
		402	6.03	-29.59	-47.21	-36.56	-40.24	-8.61	250.84	-131.04	-125.83	245.64	44.28
		411	7.28	-22.35	-77.24	-39.62	-59.97	-25.49	253.00	-135.37	-134.79	252.42	15.05
283	32	410	5.18	-18.61	-50.81	-40.39	-29.04	-15.07	235.94	-110.70	-108.57	233.81	27.11
		401	4.99	-16.85	-32.68	-32.68	-16.85	0.07	232.29	-98.98	-96.24	229.55	30.02
		402	4.45	-21.92	-36.29	-27.92	-30.28	-7.09	183.61	-95.60	-91.66	179.66	32.95
		411	5.39	-16.50	-59.06	-30.37	-45.19	-19.95	184.53	-98.58	-98.10	184.05	11.68
283	37	410	4.50	-16.85	-46.51	-36.99	-26.36	-13.85	202.77	-94.66	-92.81	200.92	23.41
		401	4.33	-15.46	-29.77	-29.77	-15.46	0.02	200.59	-84.73	-82.38	198.24	25.80
		402	3.90	-19.69	-33.23	-25.34	-27.59	-6.68	158.55	-82.17	-78.58	154.96	29.19
		411	4.75	-14.69	-54.00	-27.67	-41.03	-18.49	158.57	-84.53	-84.03	158.07	10.97
284	8	411	7.36	-23.22	-80.17	-40.13	-63.26	-26.02	247.83	-132.38	-131.71	247.16	15.87
		402	6.10	-30.39	-49.85	-36.95	-43.30	-9.20	246.35	-128.59	-123.40	241.16	43.80

		403	5.33	-21.08	-62.56	-26.07	-57.57	-13.49	128.30	-113.33	-106.36	121.33	40.43
		412	6.37	-15.64	-87.29	-25.57	-77.37	-24.75	125.79	-108.80	-108.60	125.59	6.91
284	32	411	5.45	-17.27	-60.19	-30.11	-47.36	-19.65	182.08	-97.19	-96.67	181.57	12.01
		402	4.51	-22.65	-37.48	-27.68	-32.45	-7.02	181.29	-94.48	-90.60	177.41	32.50
		403	3.97	-15.66	-46.96	-19.50	-43.12	-10.27	94.44	-83.42	-78.13	89.15	30.22
		412	4.74	-11.57	-65.48	-19.14	-57.91	-18.73	92.34	-79.93	-79.75	92.16	5.60
284	37	411	4.81	-15.49	-55.16	-27.47	-43.18	-18.21	156.47	-83.33	-82.80	155.94	11.26
		402	3.96	-20.45	-34.45	-25.16	-29.74	-6.61	156.55	-81.21	-77.66	153.01	28.81
		403	3.54	-13.98	-43.05	-17.65	-39.38	-9.66	81.65	-72.10	-67.08	76.62	27.34
		412	4.25	-10.19	-59.89	-17.35	-52.73	-17.45	79.18	-68.68	-68.42	78.91	6.22
285	8	412	6.44	-16.43	-89.28	-25.93	-79.78	-24.53	123.99	-108.26	-108.02	123.75	7.43
		403	5.41	-21.63	-64.73	-26.26	-60.10	-13.34	126.46	-112.77	-105.79	119.48	40.27
		404	4.01	-13.76	-72.76	-17.57	-68.96	-14.50	-7.70	-104.73	-90.18	-22.25	34.64
		413	4.78	-10.26	-92.80	-16.06	-87.00	-21.10	-17.60	-89.54	-89.29	-17.85	4.18
285	32	412	4.80	-12.18	-67.00	-19.42	-59.76	-18.56	91.02	-79.54	-79.33	90.81	5.99
		403	4.02	-16.09	-48.63	-19.65	-45.07	-10.16	93.09	-83.01	-77.71	87.79	30.10
		404	3.00	-10.20	-54.62	-13.13	-51.69	-11.03	-5.44	-77.43	-66.29	-16.58	26.03
		413	3.59	-7.56	-69.59	-12.00	-65.15	-16.00	-13.08	-65.86	-65.61	-13.34	3.65
285	37	412	4.30	-10.82	-61.43	-17.65	-54.60	-17.29	78.04	-68.35	-68.05	77.75	6.55
		403	3.60	-14.43	-44.73	-17.82	-41.34	-9.55	80.49	-71.76	-66.71	75.45	27.24
		404	2.74	-9.06	-50.11	-11.86	-47.30	-10.36	-4.05	-67.82	-57.04	-14.83	23.89
		413	3.28	-6.59	-63.68	-10.84	-59.43	-14.98	-11.53	-56.87	-56.38	-12.02	4.68
286	8	413	4.87	-10.95	-95.05	-16.59	-89.40	-21.04	-18.61	-89.51	-89.24	-18.89	4.40
		404	4.08	-14.40	-75.03	-18.03	-71.41	-14.38	-8.61	-104.84	-90.06	-23.39	34.70
		405	5.65	-10.40	-78.79	-13.52	-75.66	-14.28	-72.12	-176.99	-79.70	-169.41	27.16
		414	6.52	-8.37	-95.78	-12.11	-92.04	-17.67	-77.78	-163.32	-77.82	-163.27	1.88
286	32	413	3.65	-8.09	-71.32	-12.41	-67.00	-15.95	-13.82	-65.85	-65.57	-14.10	3.81
		404	3.06	-10.70	-56.36	-13.49	-53.57	-10.94	-6.11	-77.51	-66.20	-17.42	26.07
		405	4.21	-7.71	-59.15	-10.11	-56.74	-10.86	-52.84	-130.76	-58.65	-124.95	20.47
		414	4.86	-6.17	-71.82	-9.04	-68.95	-13.43	-57.16	-120.37	-57.22	-120.31	1.91
286	37	413	3.34	-7.12	-65.41	-11.25	-61.29	-14.94	-12.16	-56.86	-56.34	-12.68	4.82
		404	2.80	-9.56	-51.86	-12.23	-49.20	-10.28	-4.61	-67.90	-56.97	-15.55	23.93
		405	3.79	-6.87	-54.34	-9.16	-52.04	-10.19	-44.97	-114.22	-50.62	-108.57	18.96
		414	4.38	-5.40	-65.78	-8.17	-63.01	-12.63	-49.09	-104.41	-49.26	-104.24	3.03
287	8	414	6.65	-8.98	-98.19	-12.66	-94.51	-17.74	-77.73	-164.44	-77.76	-164.40	1.79
		405	5.78	-11.17	-81.05	-14.11	-78.10	-14.03	-72.05	-178.20	-79.56	-170.69	27.23
		406	7.85	-10.50	-82.15	-13.52	-79.13	-14.39	-74.66	-307.95	-75.83	-306.78	16.51
		415	8.55	-10.47	-96.89	-13.24	-94.11	-15.24	-74.07	-298.89	-74.07	-298.89	-0.82
287	32	414	4.96	-6.63	-73.68	-9.46	-70.85	-13.48	-57.12	-121.19	-57.17	-121.14	1.84
		405	4.31	-8.30	-60.89	-10.56	-58.63	-10.67	-52.79	-131.65	-58.55	-125.89	20.52
		406	5.84	-7.81	-61.70	-10.13	-59.38	-10.93	-54.95	-227.04	-55.86	-226.13	12.46
		415	6.36	-7.76	-72.67	-9.90	-70.53	-11.58	-54.50	-220.07	-54.50	-220.07	-0.26
287	37	414	4.47	-5.86	-67.64	-8.59	-64.91	-12.69	-49.06	-105.11	-49.22	-104.95	2.97
		405	3.89	-7.45	-56.08	-9.61	-53.93	-10.01	-44.93	-114.98	-50.53	-109.38	19.00
		406	5.21	-7.05	-56.78	-9.26	-54.58	-10.23	-47.47	-197.07	-48.37	-196.17	11.59
		415	5.67	-6.95	-66.64	-9.01	-64.58	-10.91	-47.02	-190.25	-47.03	-190.25	0.68
288	8	415	8.70	-10.74	-99.70	-13.88	-96.56	-16.42	-74.09	-300.40	-74.10	-300.39	-0.98
		406	7.97	-11.80	-83.96	-14.20	-81.55	-12.95	-74.73	-309.37	-75.80	-308.30	15.78
		407	9.54	-11.37	-85.49	-16.04	-80.83	-18.00	-81.71	-414.96	-81.72	-414.94	2.37
		416	10.00	-16.08	-96.74	-18.57	-94.26	-13.93	-80.14	-406.85	-80.14	-406.85	-0.83
288	32	415	6.47	-7.97	-74.84	-10.39	-72.42	-12.49	-54.52	-221.17	-54.52	-221.17	-0.40
		406	5.93	-8.81	-63.09	-10.65	-61.25	-9.82	-55.01	-228.08	-55.84	-227.25	11.91
		407	7.08	-8.48	-64.26	-12.04	-60.70	-13.65	-60.23	-305.88	-60.25	-305.87	1.79
		416	7.42	-12.03	-72.58	-13.92	-70.68	-10.54	-59.00	-299.52	-59.00	-299.52	-0.56
288	37	415	5.78	-7.14	-68.83	-9.49	-66.47	-11.82	-47.04	-191.19	-47.05	-191.19	0.51
		406	5.30	-8.04	-58.18	-9.76	-56.46	-9.13	-47.53	-197.95	-48.35	-197.13	11.07
		407	6.31	-7.70	-59.32	-11.09	-55.92	-12.80	-52.26	-265.38	-52.28	-265.37	1.67
		416	6.59	-11.00	-66.62	-12.77	-64.85	-9.77	-51.00	-258.84	-51.00	-258.84	-0.35
289	8	418	5.95	-2.41	-31.93	-20.52	-13.82	14.37	209.10	-155.35	-80.37	134.12	147.33
		409	4.82	23.40	-22.40	-2.71	3.71	22.67	166.20	-88.35	-71.55	149.40	63.20
		408	7.33	-9.34	-49.78	-49.64	-9.48	2.43	294.04	-136.83	-126.01	283.23	67.40
		417	8.32	-23.69	-82.39	-75.57	-30.51	-18.81	344.58	-181.99	-154.33	316.92	117.46
289	32	418	4.40	-1.48	-24.23	-15.49	-10.22	11.06	153.12	-113.28	-58.69	98.53	107.53
		409	3.57	17.67	-16.99	-2.14	2.82	17.15	121.88	-64.30	-52.27	109.85	45.78
		408	5.42	-6.83	-37.45	-37.33	-6.95	1.93	215.99	-100.15	-92.32	208.17	49.12
		417	6.16	-17.62	-61.89	-56.93	-22.59	-13.97	252.67	-133.17	-112.99	232.49	85.91
289	37	418	3.85	-0.52	-22.82	-14.30	-9.04	10.84	130.09	-95.10	-49.46	84.45	90.53
		409	3.13	16.46	-16.04	-2.17	2.59	16.07	104.05	-53.67	-44.12	94.51	37.61
		408	4.75	-5.84	-34.41	-34.25	-5.99	2.13	185.43	-85.06	-78.63	179.00	41.20
		417	5.41	-15.78	-56.63	-52.49	-19.92	-12.33	215.75	-113.06	-96.03	198.73	72.86
290	7	417	8.16	-26.09	-81.86	-71.59	-36.35	-21.61	366.05	-180.08	-155.33	341.29	113.62
		408	7.19	-11.81	-47.59	-47.55	-11.85	1.26	293.65	-142.12	-132.29	283.81	64.73
		410	7.10	-24.85	-64.54	-54.45	-34.94	-17.29	327.68	-155.14	-151.65	324.19	40.92
		419	9.53	-21.80	-106.54	-63.19	-65.16	-42.36	374.41	-165.38	-164.49	373.51	21.98
290	31	417	6.03	-19.50	-61.62	-54.13	-26.99	-16.11	268.25	-131.65	-113.60	250.20	83.02
		408	5.31	-8.72	-35.93	-35.89	-8.76	1.04	215.57	-103.94	-96.84	208.47	47.10
		410	5.25	-18.50	-48.56	-41.02	-26.04	-13.03	240.62	-113.70	-111.13	238.05	30.06

		419	7.03	-16.24	-80.09	-47.70	-48.63	-31.92	274.50	-121.14	-120.47	273.84	16.26
290	37	417	5.30	-17.71	-57.52	-51.23	-24.00	-14.52	227.33	-110.57	-95.56	212.32	69.60
		408	4.65	-7.59	-33.83	-33.77	-7.65	1.25	183.90	-87.42	-81.74	178.22	38.83
		410	4.58	-16.60	-45.22	-38.35	-23.47	-12.23	205.47	-96.39	-94.19	203.27	25.70
		419	6.13	-14.59	-74.39	-44.94	-44.05	-29.90	233.06	-102.49	-101.88	232.45	14.26
291	8	419	9.66	-23.07	-109.73	-62.15	-70.64	-43.12	366.04	-155.62	-154.68	365.10	22.08
		410	6.90	-26.34	-65.59	-54.08	-37.85	-17.87	319.93	-152.29	-149.32	316.96	37.37
		411	7.25	-24.09	-77.30	-40.91	-60.49	-24.74	252.45	-134.47	-133.80	251.78	16.08
		420	9.14	-15.48	-113.56	-37.25	-91.79	-40.76	271.10	-126.43	-125.19	269.86	-22.15
291	32	419	7.13	-17.23	-82.30	-46.77	-52.76	-32.40	268.59	-114.09	-113.39	267.90	16.34
		410	5.08	-19.68	-49.23	-40.64	-28.27	-13.42	235.09	-111.71	-109.52	232.89	27.49
		411	5.36	-17.93	-57.97	-30.68	-45.22	-18.65	185.48	-98.73	-98.20	184.96	12.16
		420	6.77	-11.49	-85.11	-27.97	-68.63	-30.69	198.88	-92.72	-91.86	198.02	-15.86
291	37	419	6.24	-15.65	-75.11	-43.03	-47.73	-29.63	229.89	-97.41	-96.78	229.26	14.39
		410	4.41	-17.94	-44.94	-37.22	-25.67	-12.20	202.04	-95.52	-93.62	200.14	23.73
		411	4.72	-16.15	-52.87	-27.96	-41.06	-17.15	159.38	-84.64	-84.11	158.85	11.39
		420	5.99	-10.22	-77.57	-25.57	-62.22	-28.25	170.12	-79.24	-78.61	169.48	-12.52
292	8	420	9.19	-16.82	-115.06	-37.51	-94.37	-40.05	267.48	-123.75	-122.80	266.52	-19.33
		411	7.29	-24.97	-78.32	-40.34	-62.96	-24.16	248.05	-133.08	-132.41	247.39	15.92
		412	6.33	-16.96	-86.25	-25.64	-77.57	-22.94	126.24	-108.80	-108.60	126.04	6.83
		421	7.58	-9.86	-113.25	-20.18	-102.92	-31.00	134.11	-99.54	-95.89	130.46	-28.98
292	32	420	6.82	-12.52	-86.26	-28.17	-70.61	-30.16	196.23	-90.76	-90.10	195.57	-13.80
		411	5.40	-18.62	-58.77	-30.26	-47.13	-18.22	182.25	-97.70	-97.18	181.73	12.04
		412	4.71	-12.59	-64.66	-19.19	-58.06	-17.33	92.67	-79.93	-79.75	92.49	5.54
		421	5.64	-7.27	-84.84	-15.11	-76.99	-23.38	98.19	-72.95	-70.40	95.64	-20.74
292	37	420	6.04	-11.24	-78.74	-25.79	-64.20	-27.75	167.86	-77.57	-77.10	167.38	-10.76
		411	4.76	-16.86	-53.72	-27.61	-42.97	-16.76	156.61	-83.77	-83.24	156.08	11.29
		412	4.21	-11.23	-59.04	-17.40	-52.87	-16.03	79.46	-68.67	-68.42	79.20	6.17
		421	5.05	-6.36	-77.31	-13.71	-69.96	-21.63	83.51	-62.20	-60.35	81.65	-16.35
293	8	421	7.65	-10.88	-115.28	-21.00	-105.16	-30.89	132.67	-98.98	-95.60	129.29	-27.76
		412	6.39	-17.69	-88.07	-25.92	-79.84	-22.62	124.21	-108.46	-108.23	123.99	7.23
		413	4.73	-11.20	-92.00	-16.01	-87.19	-19.13	-17.47	-89.57	-89.35	-17.69	3.96
		422	5.64	-6.29	-112.50	-11.59	-107.20	-23.12	-7.23	-88.12	-78.68	-16.67	-25.97
293	32	421	5.70	-8.06	-86.40	-15.74	-78.72	-23.30	97.13	-72.54	-70.18	94.78	-19.84
		412	4.76	-13.16	-66.07	-19.42	-59.81	-17.09	91.18	-79.68	-79.48	90.98	5.84
		413	3.54	-8.29	-68.97	-11.96	-65.29	-14.48	-12.99	-65.88	-65.65	-13.22	3.50
		422	4.22	-4.61	-84.25	-8.65	-80.21	-17.49	-5.88	-64.37	-57.78	-12.47	-18.49
293	37	421	5.11	-7.13	-78.89	-14.32	-71.70	-21.55	82.61	-61.86	-60.16	80.90	-15.58
		412	4.26	-11.81	-60.47	-17.64	-54.64	-15.81	78.18	-68.46	-68.18	77.89	6.42
		413	3.23	-7.34	-63.02	-10.80	-59.56	-13.45	-11.46	-56.87	-56.41	-11.92	4.55
		422	3.83	-3.96	-76.80	-7.80	-72.97	-16.27	-6.48	-54.33	-49.57	-11.24	-14.32
294	8	422	5.75	-6.97	-114.85	-12.21	-109.61	-23.19	-7.93	-88.00	-78.72	-17.21	-25.63
		413	4.81	-11.87	-94.20	-16.52	-89.55	-19.00	-18.51	-89.60	-89.36	-18.76	4.16
		414	6.49	-9.11	-95.14	-12.06	-92.19	-15.66	-77.94	-163.28	-77.97	-163.25	1.66
		423	7.54	-5.80	-111.82	-8.72	-108.89	-17.36	-66.50	-167.62	-71.47	-162.65	-21.85
294	32	422	4.30	-5.13	-86.07	-9.13	-82.07	-17.54	-6.39	-64.28	-57.81	-12.86	-18.24
		413	3.60	-8.81	-70.66	-12.35	-67.11	-14.38	-13.75	-65.91	-65.65	-14.01	3.64
		414	4.84	-6.75	-71.32	-9.01	-69.06	-11.88	-57.28	-120.34	-57.33	-120.29	1.74
		423	5.62	-4.25	-83.74	-6.50	-81.49	-13.17	-49.09	-123.13	-52.50	-119.73	-15.52
294	37	422	3.91	-4.48	-78.62	-8.27	-74.84	-16.32	-6.93	-54.25	-49.59	-11.59	-14.10
		413	3.29	-7.86	-64.73	-11.20	-61.39	-13.36	-12.11	-56.90	-56.41	-12.60	4.68
		414	4.35	-5.99	-65.25	-8.14	-63.10	-11.08	-49.20	-104.37	-49.35	-104.22	2.88
		423	5.04	-3.68	-76.40	-5.84	-74.24	-12.35	-42.72	-105.74	-45.06	-103.40	-11.92
295	8	423	7.66	-6.27	-114.35	-9.17	-111.45	-17.47	-66.52	-168.24	-71.55	-163.22	-22.05
		414	6.62	-9.81	-97.45	-12.61	-94.65	-15.41	-77.92	-164.42	-77.94	-164.39	1.56
		415	8.53	-11.01	-96.44	-13.25	-94.21	-13.65	-74.21	-299.03	-74.22	-299.02	-0.98
		424	9.38	-9.88	-110.58	-11.60	-108.85	-13.07	-71.82	-302.98	-73.06	-301.74	-16.85
295	32	423	5.71	-4.62	-85.69	-6.85	-83.46	-13.26	-49.10	-123.60	-52.55	-120.14	-15.67
		414	4.93	-7.28	-73.10	-9.43	-70.96	-11.69	-57.26	-121.18	-57.31	-121.13	1.67
		415	6.34	-8.19	-72.33	-9.91	-70.61	-10.36	-54.61	-220.17	-54.61	-220.17	-0.38
		424	6.97	-7.33	-82.82	-8.66	-81.49	-9.94	-52.83	-222.75	-53.69	-221.89	-12.02
295	37	423	5.14	-4.05	-78.35	-6.20	-76.20	-12.44	-42.73	-106.14	-45.11	-103.76	-12.04
		414	4.45	-6.53	-67.04	-8.56	-65.01	-10.90	-49.19	-105.09	-49.33	-104.94	2.82
		415	5.66	-7.38	-66.28	-9.02	-64.64	-9.68	-47.12	-190.34	-47.12	-190.33	0.57
		424	6.21	-6.55	-75.65	-7.85	-74.36	-9.38	-45.53	-191.71	-46.14	-191.10	-9.38
296	7	424	9.50	-10.35	-112.47	-12.17	-110.65	-13.51	-72.40	-306.08	-73.69	-304.78	-17.34
		415	8.63	-12.26	-97.51	-13.83	-95.95	-11.46	-74.59	-301.80	-74.60	-301.79	-1.64
		416	10.02	-15.33	-96.80	-18.46	-93.67	-15.67	-80.48	-408.61	-80.48	-408.61	-0.92
		425	10.76	-19.61	-107.37	-20.75	-106.23	-9.94	-83.86	-424.45	-83.91	-424.40	-4.22
296	31	424	7.07	-7.67	-84.37	-9.09	-82.95	-10.36	-53.23	-224.90	-54.12	-224.01	-12.35
		415	6.42	-9.14	-73.24	-10.36	-72.02	-8.75	-54.86	-222.12	-54.87	-222.11	-0.84
		416	7.44	-11.43	-72.72	-13.85	-70.30	-11.95	-59.23	-300.70	-59.23	-300.70	-0.62
		425	7.98	-14.66	-80.50	-15.55	-79.62	-7.59	-61.61	-311.86	-61.65	-311.82	-3.03
296	37	424	6.32	-6.76	-77.81	-8.27	-76.29	-10.25	-45.65	-192.55	-46.25	-191.96	-9.33
		415	5.75	-8.24	-67.80	-9.50	-66.54	-8.56	-47.14	-191.31	-47.14	-191.31	0.42
		416	6.62	-10.31	-67.38	-12.78	-64.91	-11.63	-51.00	-258.89	-51.00	-258.89	-0.35
		425	7.07	-13.35	-74.09	-14.28	-73.17	-7.42	-52.74	-266.89	-52.77	-266.86	-2.39

297	7	427	9.91	-41.78	-69.79	-41.78	-69.78	0.38	371.37	-317.72	-83.51	137.15	326.40
		418	5.30	5.69	-30.21	-20.20	-4.33	16.10	137.95	-147.63	-86.02	76.33	117.47
		417	8.42	-27.41	-80.21	-73.13	-34.49	-17.99	385.01	-181.76	-144.96	348.21	139.65
297	31	426	11.97	-48.34	-138.87	-113.76	-73.45	-40.53	471.47	-247.63	-209.34	433.18	161.47
		427	7.21	-31.47	-52.09	-31.51	-52.05	0.94	271.62	-231.77	-60.66	100.51	238.45
		418	3.93	4.61	-23.09	-15.33	-3.15	12.44	100.77	-107.46	-62.81	56.12	85.47
297	37	417	6.23	-20.40	-60.34	-55.25	-25.49	-13.31	282.14	-132.81	-105.96	255.30	102.07
		426	8.79	-36.39	-104.51	-86.23	-54.67	-30.19	344.97	-181.07	-153.01	316.91	118.20
		427	5.95	-29.11	-47.51	-29.59	-47.04	2.92	228.51	-193.00	-49.68	85.18	199.68
297	37	418	3.48	5.31	-22.61	-14.68	-2.62	12.59	84.39	-88.75	-52.49	48.14	70.44
		417	5.48	-18.24	-56.20	-52.16	-22.29	-11.71	239.09	-111.30	-88.94	216.73	85.64
		426	7.53	-33.86	-97.50	-82.29	-49.07	-27.14	290.62	-152.15	-128.40	266.87	99.76
298	8	426	14.40	-45.25	-158.31	-111.41	-92.15	-55.70	554.15	-206.66	-169.10	516.58	164.84
		417	8.23	-23.56	-79.03	-72.23	-30.36	-18.19	332.80	-188.08	-166.33	311.06	104.18
		419	9.84	-24.24	-110.86	-67.35	-67.75	-43.31	386.84	-159.32	-157.43	384.95	32.04
298	32	428	13.37	-17.39	-164.93	-62.20	-120.12	-67.85	458.33	-161.73	-158.86	455.46	-42.10
		426	10.61	-34.03	-118.68	-84.12	-68.59	-41.61	406.11	-151.26	-123.69	378.54	120.86
		417	6.09	-17.60	-59.35	-54.42	-22.53	-13.48	244.07	-137.66	-121.80	228.21	76.19
298	37	419	7.26	-18.11	-83.09	-50.69	-50.51	-32.49	283.85	-116.79	-115.39	282.44	23.65
		428	9.90	-12.97	-123.66	-46.91	-89.73	-51.03	335.99	-118.51	-116.44	333.92	-30.61
		426	9.20	-31.32	-108.09	-78.08	-61.33	-37.46	346.23	-128.50	-104.86	322.58	103.28
298	37	417	5.33	-16.02	-54.28	-50.21	-20.09	-11.79	208.49	-116.96	-103.59	195.12	64.59
		419	6.33	-16.47	-75.59	-46.63	-45.43	-29.55	242.91	-99.69	-98.44	241.66	20.65
		428	8.70	-11.71	-112.72	-43.41	-81.03	-46.87	286.70	-101.03	-99.36	285.03	-25.42
299	8	428	13.73	-19.73	-169.65	-60.87	-128.51	-66.90	451.38	-129.52	-128.86	450.73	-19.50
		419	9.44	-24.25	-106.42	-62.33	-68.34	-40.97	362.93	-162.42	-161.68	362.19	19.70
		420	9.22	-17.08	-114.27	-38.04	-93.32	-39.97	275.13	-123.44	-122.35	274.04	-20.76
299	32	429	11.38	-6.61	-150.65	-23.08	-134.18	-45.83	300.79	-104.87	-92.93	288.85	-68.55
		428	10.17	-14.79	-127.17	-45.89	-96.07	-50.27	330.91	-94.89	-94.43	330.45	-14.04
		419	6.97	-18.16	-79.79	-46.92	-51.03	-30.75	266.31	-119.08	-118.53	265.76	14.59
299	37	420	6.83	-12.72	-85.61	-28.56	-69.78	-30.06	201.84	-90.53	-89.77	201.08	-14.84
		429	8.44	-4.89	-112.79	-17.34	-100.33	-34.48	220.42	-76.79	-68.18	211.80	-49.86
		428	8.96	-13.54	-115.86	-42.41	-87.00	-46.05	282.44	-80.84	-80.49	282.09	-11.29
299	37	419	6.09	-16.63	-72.70	-43.19	-46.14	-28.00	227.93	-101.67	-101.16	227.42	12.90
		420	6.04	-11.47	-77.90	-26.10	-63.27	-27.53	172.65	-77.36	-76.82	172.10	-11.65
		429	7.49	-4.30	-102.52	-15.89	-90.93	-31.68	187.89	-65.32	-58.33	180.89	-41.50
300	8	429	11.46	-9.54	-153.50	-26.13	-136.91	-45.97	299.91	-98.75	-89.01	290.16	-61.57
		420	9.14	-18.05	-113.41	-37.27	-94.19	-38.25	267.84	-125.21	-124.14	266.77	-20.47
		421	7.59	-10.91	-113.07	-20.20	-103.78	-29.37	134.91	-98.59	-94.95	131.26	-28.96
300	32	430	8.81	-3.79	-137.57	-10.65	-130.72	-29.50	149.92	-86.27	-67.84	131.49	-63.36
		429	8.51	-7.11	-114.97	-19.65	-102.43	-34.58	219.78	-72.32	-65.30	212.75	-44.74
		420	6.78	-13.47	-84.99	-27.99	-70.48	-28.77	196.49	-91.83	-91.08	195.75	-14.63
300	37	421	5.65	-8.09	-84.67	-15.13	-77.64	-22.12	98.78	-72.25	-69.71	96.23	-20.72
		430	6.55	-2.77	-102.94	-7.97	-97.74	-22.22	109.58	-63.05	-49.80	96.33	-45.96
		429	7.56	-6.40	-104.67	-18.04	-93.03	-31.76	187.36	-61.51	-55.85	181.69	-37.12
300	37	420	6.00	-12.24	-77.46	-25.63	-64.07	-26.34	168.07	-78.47	-77.94	167.54	-11.47
		421	5.05	-7.20	-77.07	-13.72	-70.55	-20.33	84.01	-61.61	-59.75	82.15	-16.33
		430	5.86	-2.35	-93.51	-7.21	-88.65	-20.48	92.70	-53.30	-42.67	82.07	-37.94
301	8	430	8.90	-5.19	-140.33	-12.25	-133.27	-30.07	149.41	-85.07	-67.47	131.82	-61.78
		421	7.63	-11.77	-114.40	-20.68	-105.48	-28.90	133.05	-99.09	-95.61	129.56	-28.23
		422	5.58	-7.04	-112.03	-11.50	-107.57	-21.16	-7.00	-88.04	-78.50	-16.54	-26.12
301	32	431	6.90	-2.20	-130.03	-5.62	-126.61	-20.62	16.68	-94.58	-57.66	-20.24	-52.39
		430	6.63	-3.83	-105.06	-9.19	-99.71	-22.65	109.21	-62.17	-49.52	96.56	-44.81
		421	5.68	-8.75	-85.71	-15.50	-78.96	-21.77	97.41	-72.62	-70.19	94.98	-20.19
301	37	422	4.18	-5.19	-83.88	-8.58	-80.49	-15.98	-5.71	-64.31	-57.65	-12.37	-18.60
		431	5.15	-1.58	-97.27	-4.18	-94.66	-15.57	11.57	-68.96	-42.32	-15.07	-37.89
		430	5.94	-3.37	-95.62	-8.37	-90.62	-20.88	92.38	-52.56	-42.43	82.25	-36.95
301	37	421	5.09	-7.85	-78.17	-14.10	-71.92	-20.01	82.83	-61.92	-60.16	81.07	-15.87
		422	3.79	-4.56	-76.40	-7.73	-73.23	-14.75	-6.34	-54.27	-49.46	-11.16	-14.41
		431	4.66	-1.28	-88.38	-3.74	-85.91	-14.45	8.17	-57.85	-36.25	-13.43	-30.97
302	8	431	7.01	-2.85	-132.63	-6.32	-129.16	-20.93	16.58	-94.20	-57.50	-20.12	-52.14
		422	5.68	-7.65	-114.27	-12.00	-109.92	-21.10	-7.71	-88.12	-78.72	-17.11	-25.83
		423	7.50	-6.34	-111.39	-8.63	-109.11	-15.32	-66.70	-167.67	-71.76	-162.61	-22.02
302	32	432	8.55	-2.50	-125.75	-4.29	-123.96	-14.73	-44.27	-181.23	-57.76	-167.74	-40.82
		431	5.24	-2.08	-99.27	-4.72	-96.62	-15.81	11.49	-68.69	-42.20	-14.99	-37.71
		422	4.25	-5.66	-85.61	-8.97	-82.30	-15.93	-6.23	-64.36	-57.81	-12.79	-18.39
302	37	423	5.59	-4.68	-83.40	-6.43	-81.65	-11.61	-49.23	-123.17	-52.71	-119.70	-15.64
		432	6.37	-1.81	-94.05	-3.18	-92.68	-11.17	-32.81	-132.93	-42.38	-123.35	-29.45
		431	4.74	-1.78	-90.37	-4.27	-87.87	-14.66	8.09	-57.61	-36.14	-13.37	-30.82
302	37	422	3.87	-5.04	-78.13	-8.13	-75.05	-14.71	-6.80	-54.32	-49.59	-11.52	-14.23
		423	5.02	-4.13	-76.04	-5.78	-74.38	-10.78	-42.85	-105.76	-45.24	-103.37	-12.03
		432	5.70	-1.51	-85.50	-2.83	-84.18	-10.46	-28.89	-113.58	-36.26	-106.21	-23.87
303	8	432	8.68	-2.67	-128.45	-4.48	-126.64	-14.97	-44.03	-180.92	-57.64	-167.31	-40.96
		423	7.62	-6.89	-113.89	-9.06	-111.71	-15.09	-66.81	-168.34	-71.93	-163.22	-22.21
		424	9.36	-10.30	-110.27	-11.62	-108.95	-11.44	-72.34	-303.26	-73.62	-301.98	-17.18
303	32	433	10.25	-7.72	-122.67	-8.47	-121.92	-9.25	-66.06	-315.94	-69.32	-312.68	-28.36
		432	6.46	-1.95	-96.12	-3.34	-94.73	-11.36	-32.64	-132.70	-42.29	-123.04	-29.55

		423	5.68	-5.10	-85.32	-6.76	-83.66	-11.43	-49.32	-123.66	-52.83	-120.14	-15.78
		424	6.95	-7.65	-82.58	-8.68	-81.56	-8.70	-53.21	-222.96	-54.10	-222.07	-12.26
		433	7.61	-5.72	-91.75	-6.30	-91.17	-7.07	-48.56	-231.98	-50.87	-229.67	-20.45
303	37	432	5.80	-1.67	-87.57	-3.01	-86.23	-10.65	-28.75	-113.39	-36.17	-105.96	-23.94
		423	5.11	-4.55	-77.95	-6.12	-76.38	-10.61	-42.92	-106.18	-45.35	-103.76	-12.14
		424	6.19	-6.88	-75.40	-7.86	-74.42	-8.13	-45.86	-191.88	-46.49	-191.25	-9.58
		433	6.76	-5.10	-83.49	-5.68	-82.91	-6.72	-41.75	-198.85	-43.52	-197.09	-16.54
304	7	433	10.37	-8.07	-124.68	-8.87	-123.88	-9.61	-66.99	-318.28	-70.41	-314.86	-29.09
		424	9.46	-11.35	-111.67	-12.21	-110.81	-9.24	-72.96	-306.71	-74.30	-305.37	-17.64
		425	10.79	-19.03	-108.04	-20.78	-106.29	-12.36	-83.95	-424.77	-84.01	-424.72	-4.29
		434	11.74	-22.31	-117.19	-22.51	-116.99	-4.34	-91.69	-461.75	-91.83	-461.61	-7.25
304	31	433	7.70	-5.97	-93.37	-6.60	-92.74	-7.41	-49.21	-233.53	-51.63	-231.11	-20.95
		424	7.03	-8.45	-83.74	-9.12	-83.07	-7.07	-53.64	-225.36	-54.57	-224.44	-12.58
		425	8.00	-14.21	-81.03	-15.57	-79.66	-9.45	-61.69	-312.10	-61.72	-312.06	-3.09
		434	8.69	-16.68	-87.71	-16.84	-87.55	-3.37	-67.26	-338.71	-67.36	-338.61	-5.24
304	37	433	6.86	-5.24	-85.60	-5.94	-84.90	-7.48	-42.08	-198.84	-43.84	-197.08	-16.55
		424	6.28	-7.59	-77.12	-8.29	-76.41	-6.97	-46.00	-192.93	-46.62	-192.31	-9.52
		425	7.09	-12.87	-74.64	-14.30	-73.21	-9.28	-52.81	-267.11	-52.83	-267.08	-2.44
		434	7.65	-15.19	-80.23	-15.37	-80.05	-3.49	-57.21	-288.09	-57.29	-288.01	-4.21
305	7	436	47.69	-18.77	-335.57	-44.06	-310.28	-85.87	1624.02	-944.02	-212.05	892.05	1159.28
		427	10.13	30.60	-65.44	-51.94	17.10	33.39	-37.86	-538.83	-42.49	-534.19	47.96
		426	21.85	-37.56	-184.21	-118.72	-103.05	-72.91	874.74	-300.34	-165.06	739.47	375.04
		435	16.46	-171.07	-176.21	-172.02	-175.25	2.00	620.96	-304.41	-292.16	608.72	-105.75
305	31	436	35.11	-14.10	-250.63	-32.73	-232.00	-63.72	1188.83	-690.78	-154.56	652.62	848.74
		427	7.50	23.32	-50.02	-39.32	12.62	25.90	-27.42	-394.88	-30.61	-391.68	34.12
		426	16.07	-28.04	-138.01	-89.82	-76.23	-54.56	640.64	-219.65	-120.43	541.41	274.80
		435	12.15	-129.19	-133.92	-131.30	-131.81	2.35	453.75	-222.59	-213.69	444.85	-77.04
305	37	436	30.27	-13.04	-227.61	-29.15	-211.50	-56.55	1003.41	-582.18	-128.33	549.56	716.69
		427	6.63	22.71	-49.10	-37.36	10.97	26.56	-22.14	-334.77	-24.25	-332.65	25.62
		426	13.82	-25.34	-126.78	-85.22	-66.90	-49.89	541.68	-184.75	-100.35	457.28	232.79
		435	10.59	-119.77	-130.98	-128.15	-122.61	4.87	380.35	-187.07	-179.79	373.07	-63.85
306	8	435	25.88	-90.49	-296.31	-181.52	-205.27	-102.22	1032.32	-51.57	-26.83	1007.59	161.86
		426	11.80	-42.72	-133.18	-96.68	-79.21	-44.38	421.81	-298.78	-282.45	405.49	107.23
		428	14.91	-23.67	-183.52	-75.17	-132.02	-74.70	530.05	-91.87	-91.80	529.98	-6.59
		437	17.60	11.13	-224.16	-13.16	-199.86	-71.60	505.89	-167.71	-121.87	460.04	-169.65
306	32	435	19.12	-68.08	-222.43	-137.59	-152.92	-76.80	756.54	-37.69	-19.44	738.30	119.00
		426	8.67	-32.24	-99.89	-73.05	-59.08	-33.09	309.00	-218.82	-206.84	297.02	78.61
		428	11.04	-17.74	-137.55	-56.68	-98.61	-56.12	388.61	-67.29	-67.24	388.56	-4.55
		437	13.06	8.59	-167.93	-9.80	-149.54	-53.93	370.64	-122.81	-89.35	337.18	-124.06
306	37	435	16.71	-62.57	-203.42	-129.07	-136.91	-70.32	645.18	-31.86	-15.94	629.26	102.58
		426	7.47	-30.02	-91.06	-67.93	-53.15	-29.61	263.03	-186.28	-176.01	252.76	67.14
		428	9.72	-16.23	-125.20	-52.40	-89.03	-51.31	331.78	-57.28	-57.26	331.75	-3.09
		437	11.57	8.42	-152.76	-8.76	-135.58	-49.74	315.72	-104.47	-76.32	287.57	-105.06
307	8	437	18.78	-12.96	-243.59	-38.76	-217.79	-72.70	544.10	-41.48	-32.81	535.43	-70.73
		428	13.21	-19.27	-161.12	-57.68	-122.71	-63.03	442.12	-152.56	-150.16	439.72	-37.70
		429	11.71	-8.22	-158.26	-25.27	-141.21	-47.62	305.97	-87.51	-77.27	295.73	-62.67
		438	13.52	5.21	-175.53	1.42	-171.75	-25.88	331.42	-80.25	-48.83	300.01	-109.29
307	32	437	13.94	-9.79	-182.55	-29.34	-163.00	-54.73	398.68	-30.30	-24.02	392.40	-51.51
		428	9.78	-14.49	-120.70	-43.49	-91.69	-47.32	324.11	-111.77	-110.05	322.38	-27.38
		429	8.70	-6.12	-118.51	-18.99	-105.64	-35.79	224.22	-64.08	-56.69	216.83	-45.54
		438	10.04	3.98	-131.26	1.12	-128.41	-19.44	242.73	-58.64	-35.83	219.91	-79.72
307	37	437	12.35	-9.11	-166.25	-27.41	-147.95	-50.40	339.75	-25.57	-20.42	334.61	-43.03
		428	8.59	-13.40	-109.75	-40.22	-82.93	-43.19	276.60	-95.24	-93.85	275.21	-22.67
		429	7.73	-5.52	-107.73	-17.41	-95.83	-32.78	191.13	-54.47	-48.51	185.17	-37.79
		438	8.90	3.80	-118.92	1.16	-116.28	-17.81	206.56	-49.56	-30.66	187.66	-66.96
308	8	438	13.45	-3.99	-184.79	-10.29	-178.49	-33.15	328.04	-60.77	-34.02	301.29	-98.42
		429	11.49	-9.12	-151.49	-23.42	-137.19	-42.79	301.70	-101.78	-90.80	290.72	-65.66
		430	8.82	-5.25	-138.44	-11.52	-132.18	-28.20	150.12	-83.87	-64.93	131.18	-63.82
		439	9.83	1.12	-155.40	-0.95	-153.33	-17.87	167.38	-70.48	-31.03	127.93	-88.47
308	32	438	9.99	-2.99	-138.28	-7.75	-133.52	-24.93	240.24	-44.38	-24.96	220.83	-71.75
		429	8.53	-6.82	-113.43	-17.60	-102.64	-32.15	221.09	-74.53	-66.61	213.17	-47.73
		430	6.56	-3.89	-103.58	-8.62	-98.84	-21.21	109.72	-61.28	-47.66	96.10	-46.30
		439	7.31	0.87	-116.15	-0.69	-114.59	-13.44	122.28	-51.37	-22.78	93.68	-64.41
308	37	438	8.87	-2.74	-125.57	-7.17	-121.14	-22.90	204.39	-37.41	-21.38	188.36	-60.17
		429	7.57	-6.23	-103.13	-16.15	-93.21	-29.38	188.47	-63.38	-56.97	182.06	-39.66
		430	5.87	-3.44	-94.04	-7.82	-89.67	-19.42	92.80	-51.77	-40.85	81.87	-38.22
		439	6.53	0.89	-105.20	-0.57	-103.74	-12.37	103.26	-43.06	-19.51	79.71	-53.77
309	8	439	9.91	-1.27	-159.04	-3.63	-156.68	-19.16	167.24	-69.16	-29.69	127.77	-88.17
		430	8.93	-5.42	-139.78	-11.38	-133.82	-27.67	150.44	-85.29	-66.93	132.08	-63.17
		431	6.86	-2.87	-129.80	-5.67	-127.00	-18.64	17.50	-95.10	-57.08	-20.52	-53.25
		440	7.86	0.38	-142.43	-0.79	-141.26	-12.90	43.66	-100.43	-28.10	-28.66	-72.04
309	32	439	7.37	-0.94	-118.94	-2.72	-117.15	-14.42	122.17	-50.41	-21.80	93.55	-64.19
		430	6.65	-4.02	-104.62	-8.53	-100.12	-20.80	109.96	-62.33	-49.13	96.76	-45.82
		431	5.12	-2.10	-97.08	-4.22	-94.95	-14.04	12.17	-69.34	-41.89	-15.28	-38.52
		440	5.86	0.32	-106.42	-0.58	-105.53	-9.74	31.42	-73.27	-20.61	-21.24	-52.35
309	37	439	6.59	-0.82	-107.93	-2.49	-106.26	-13.27	103.14	-42.24	-18.68	79.58	-53.58
		430	5.95	-3.61	-95.14	-7.76	-90.99	-19.04	93.00	-52.67	-42.09	82.42	-37.81

		431	4.62	-1.81	-88.15	-3.78	-86.17	-12.91	8.67	-58.16	-35.88	-13.61	-31.50
		440	5.28	0.36	-96.40	-0.49	-95.55	-9.03	25.29	-61.58	-17.62	-18.67	-43.43
310	8	440	7.99	-0.29	-145.22	-1.52	-143.99	-13.28	44.43	-100.27	-27.64	-28.20	-72.35
		431	6.96	-3.31	-132.26	-6.07	-129.49	-18.68	17.33	-94.76	-57.18	-20.25	-52.92
		432	8.52	-2.73	-125.49	-4.08	-124.14	-12.78	-44.03	-181.58	-57.88	-167.73	-41.38
		441	9.41	-4.62e-04	-134.82	-0.70	-134.12	-9.67	-14.79	-196.32	-32.43	-178.68	-53.77
310	32	440	5.96	-0.20	-108.57	-1.14	-107.63	-10.02	31.98	-73.16	-20.27	-20.91	-52.52
		431	5.20	-2.44	-98.97	-4.54	-96.87	-14.08	12.04	-69.09	-41.97	-15.08	-38.27
		432	6.34	-2.00	-93.84	-3.02	-92.81	-9.67	-32.64	-133.17	-42.46	-123.35	-29.86
		441	6.99	0.03	-100.71	-0.51	-100.17	-7.34	-11.12	-143.94	-23.76	-131.30	-38.97
310	37	440	5.37	-0.15	-98.53	-1.04	-97.64	-9.30	25.75	-61.49	-17.33	-18.41	-43.62
		431	4.70	-2.16	-90.04	-4.10	-88.09	-12.94	8.55	-57.94	-35.94	-13.45	-31.29
		432	5.68	-1.72	-85.27	-2.69	-84.30	-8.95	-28.76	-113.77	-36.32	-106.21	-24.20
		441	6.24	0.10	-91.24	-0.42	-90.72	-6.88	-10.21	-122.83	-20.24	-112.80	-32.08
311	7	441	9.52	0.31	-136.57	-0.45	-135.81	-10.16	-12.46	-197.13	-31.07	-178.53	-55.59
		432	8.62	-3.17	-127.60	-4.31	-126.47	-11.84	-44.11	-182.85	-58.44	-168.52	-42.23
		433	10.20	-8.09	-121.62	-8.53	-121.18	-7.01	-67.82	-317.88	-71.46	-314.25	-29.92
		442	11.17	-3.37	-131.45	-3.50	-131.32	-4.15	-47.66	-335.51	-51.06	-332.11	-31.07
311	31	441	7.08	0.25	-102.13	-0.33	-101.54	-7.74	-9.45	-144.42	-22.74	-131.13	-40.22
		432	6.42	-2.33	-95.55	-3.21	-94.67	-9.02	-32.71	-134.00	-42.84	-123.87	-30.40
		433	7.57	-6.00	-91.01	-6.35	-90.67	-5.41	-49.82	-233.23	-52.39	-230.67	-21.53
		442	8.28	-2.48	-98.19	-2.59	-98.07	-3.26	-34.97	-245.94	-37.36	-243.54	-22.37
311	37	441	6.34	0.31	-93.14	-0.30	-92.54	-7.49	-8.99	-122.30	-19.20	-112.09	-32.44
		432	5.78	-1.98	-87.53	-2.88	-86.63	-8.74	-28.91	-113.64	-36.36	-106.19	-24.00
		433	6.73	-5.30	-83.22	-5.68	-82.84	-5.46	-42.59	-198.60	-44.47	-196.73	-16.98
		442	7.32	-2.13	-89.18	-2.27	-89.05	-3.46	-29.74	-208.68	-31.50	-206.92	-17.66
312	7	442	11.21	-2.56	-133.63	-2.74	-133.45	-4.84	-46.25	-328.84	-49.67	-325.42	-30.92
		433	10.35	-8.83	-124.76	-9.06	-124.53	-5.19	-69.18	-319.64	-72.75	-316.07	-29.70
		434	11.75	-22.10	-117.10	-22.58	-116.62	-6.73	-92.59	-463.35	-92.76	-463.17	-8.01
		443	12.81	-22.79	-125.86	-22.99	-125.66	4.54	-99.31	-509.07	-99.38	-509.00	-5.29
312	31	442	8.31	-1.87	-99.88	-2.02	-99.73	-3.80	-33.92	-241.05	-36.34	-238.63	-22.26
		433	7.69	-6.56	-93.41	-6.75	-93.22	-4.02	-50.82	-234.51	-53.34	-231.99	-21.38
		434	8.70	-16.51	-87.66	-16.89	-87.28	-5.21	-67.92	-339.88	-68.04	-339.76	-5.80
		443	9.46	-17.02	-93.98	-17.16	-93.84	3.29	-72.72	-372.80	-72.77	-372.75	-3.77
312	37	442	7.37	-1.57	-90.94	-1.75	-90.75	-4.06	-28.85	-204.52	-30.63	-202.75	-17.59
		433	6.84	-5.85	-85.54	-6.06	-85.33	-4.11	-43.43	-199.65	-45.28	-197.80	-16.90
		434	7.66	-14.99	-80.26	-15.43	-79.82	-5.33	-57.78	-289.09	-57.88	-289.00	-4.69
		443	8.27	-15.45	-85.29	-15.55	-85.19	2.68	-61.45	-315.11	-61.48	-315.08	-2.84
313	7	30	293.31	159.41	-810.78	-9.07	-642.29	-367.53	1.472e+04	-3207.64	-700.55	1.221e+04	6218.14
		436	111.09	117.76	-297.48	-96.97	-82.75	207.50	374.66	-6833.83	133.35	-6592.52	-1296.63
		435	84.24	-5.81	-382.27	-158.30	-229.78	-184.81	4342.95	-420.02	31.71	3891.22	1395.54
		444	82.65	-91.76	-617.55	-236.73	-472.59	234.96	2106.19	-2990.42	697.27	-1581.51	-2279.40
313	31	30	215.98	120.99	-611.55	-6.52	-484.04	-277.76	1.079e+04	-2357.24	-519.96	8950.38	4558.00
		436	81.79	90.03	-223.90	-73.66	-60.21	156.82	278.23	-5012.97	101.12	-4835.87	-951.71
		435	62.05	-4.44	-287.72	-119.52	-172.64	-139.13	3182.48	-309.42	22.14	2850.92	1023.64
		444	61.05	-69.23	-466.08	-179.50	-355.81	177.77	1545.54	-2190.02	514.84	-1159.32	-1669.70
313	37	30	186.38	115.98	-574.34	-5.11	-453.25	-262.54	9139.92	-2018.97	-461.75	7582.71	3866.77
		436	70.55	88.40	-208.83	-70.80	-49.62	148.24	247.56	-4264.48	96.60	-4113.52	-811.39
		435	53.63	-4.33	-268.28	-112.62	-160.00	-129.83	2696.70	-267.43	15.24	2414.04	870.61
		444	53.31	-65.04	-438.59	-171.53	-332.10	168.64	1316.53	-1851.48	448.72	-983.67	-1412.84
314	8	444	47.72	-208.93	-633.03	-299.13	-542.83	-173.54	1482.93	-169.20	-163.66	1477.39	95.52
		435	15.60	-22.09	-189.21	-91.20	-120.10	-82.30	667.82	-271.16	-247.18	643.83	-148.13
		437	22.04	-27.62	-337.02	-78.31	-286.34	-114.51	546.74	55.05	62.86	538.93	-61.49
		445	22.22	180.93	-198.16	169.92	-187.15	63.66	530.41	134.51	143.24	521.68	-58.14
314	32	444	35.48	-157.63	-476.73	-225.96	-408.40	-130.90	1086.66	-124.95	-120.90	1082.61	69.95
		435	11.46	-15.22	-141.74	-68.43	-88.53	-62.46	489.20	-198.28	-180.83	471.75	-108.14
		437	16.42	-21.22	-253.09	-59.52	-214.78	-86.11	400.47	40.32	45.97	394.82	-44.75
		445	16.55	136.72	-147.78	128.42	-139.48	47.89	388.78	99.27	105.55	382.50	-42.17
314	37	444	31.60	-146.05	-439.68	-210.02	-375.70	-121.21	926.51	-109.07	-105.62	923.06	59.63
		435	10.08	-10.50	-128.90	-62.47	-76.93	-58.76	416.47	-167.98	-153.42	401.91	-91.09
		437	14.70	-20.64	-231.63	-56.23	-196.04	-79.01	340.89	34.39	38.99	336.29	-37.27
		445	14.81	127.20	-132.79	119.53	-125.12	43.99	331.65	86.48	91.52	326.61	-34.80
315	8	445	20.34	-28.59	-251.27	-29.19	-250.68	-11.49	566.83	-50.80	-30.74	546.78	-109.48
		437	19.81	11.84	-226.49	0.56	-215.21	-50.60	582.39	-78.85	-61.79	565.34	-104.81
		438	12.75	-12.87	-184.28	-19.13	-178.02	-32.15	327.01	-76.12	-23.64	274.52	-135.66
		446	14.42	19.32	-187.34	19.28	-187.30	2.98	319.99	20.88	27.17	313.70	-42.90
315	32	445	15.08	-21.66	-188.01	-22.12	-187.55	-8.68	415.33	-37.33	-22.67	400.66	-80.14
		437	14.69	8.98	-169.60	0.46	-161.08	-38.08	426.78	-57.59	-45.24	414.43	-76.36
		438	9.46	-9.73	-137.85	-14.45	-133.13	-24.13	239.36	-55.57	-17.38	201.17	-99.01
		446	10.71	14.64	-139.90	14.61	-139.86	2.23	234.48	15.45	19.99	229.94	-31.19
315	37	445	13.31	-20.29	-170.51	-20.73	-170.08	-8.07	353.93	-32.10	-19.69	341.52	-68.09
		437	13.00	8.42	-154.13	0.50	-146.21	-34.98	363.82	-48.60	-38.45	353.67	-63.90
		438	8.39	-9.09	-124.99	-13.43	-120.65	-22.01	203.30	-46.77	-14.98	171.50	-83.30
		446	9.51	13.72	-126.27	13.69	-126.24	2.02	199.86	13.57	17.25	196.18	-25.92
316	8	446	14.22	-2.79	-193.57	-2.81	-193.55	-1.95	316.60	-19.44	-1.90	299.06	-74.74
		438	13.78	0.75	-183.48	-3.43	-179.30	-27.44	346.66	-69.89	-32.30	309.07	-119.35
		439	9.74	-2.35	-155.81	-4.14	-154.01	-16.49	181.84	-88.18	-27.77	121.43	-112.53

		447	10.16	2.93	-164.25	2.92	-164.24	-0.79	143.50	-16.31	5.29	121.89	-54.64
316	32	446	10.56	-2.13	-144.65	-2.14	-144.64	-1.48	231.94	-14.18	-1.41	219.16	-54.60
		438	10.23	0.58	-137.27	-2.57	-134.13	-20.59	253.82	-50.97	-23.69	226.54	-87.01
		439	7.24	-1.76	-116.45	-3.11	-115.10	-12.37	132.77	-64.26	-20.39	88.91	-81.97
		447	7.56	2.22	-122.65	2.22	-122.64	-0.61	104.93	-11.81	3.89	89.23	-39.83
316	37	446	9.37	-2.03	-130.86	-2.05	-130.85	-1.42	197.54	-11.92	-1.24	186.86	-46.06
		438	9.08	0.55	-124.56	-2.32	-121.69	-18.76	215.82	-42.80	-20.26	193.28	-72.94
		439	6.46	-1.60	-105.44	-2.84	-104.20	-11.26	111.92	-53.80	-17.49	75.61	-68.55
		447	6.75	2.09	-110.79	2.08	-110.78	-0.62	88.89	-9.67	3.35	75.87	-33.37
317	8	447	10.28	-0.19	-167.56	-0.20	-167.55	-1.28	145.70	-22.58	1.79	121.33	-59.21
		439	10.00	-0.82	-158.68	-2.52	-156.98	-16.27	183.44	-83.26	-27.04	127.23	-108.78
		440	8.02	-0.38	-142.13	-1.20	-141.31	-10.79	61.92	-119.01	-26.04	-31.05	-90.43
		448	8.15	0.81	-148.87	0.80	-148.86	-1.19	34.33	-69.87	1.96	-37.49	-48.22
317	32	447	7.65	-0.15	-125.19	-0.16	-125.18	-0.98	106.54	-16.41	1.31	88.82	-43.18
		439	7.44	-0.61	-118.65	-1.89	-117.37	-12.21	133.95	-60.64	-19.85	93.16	-79.21
		440	5.97	-0.27	-106.19	-0.89	-105.56	-8.11	44.72	-86.81	-19.10	-22.99	-65.74
		448	6.08	0.61	-111.13	0.60	-111.12	-0.91	24.89	-51.16	1.44	-27.71	-35.12
317	37	447	6.84	-0.17	-113.29	-0.18	-113.28	-0.96	90.24	-13.63	1.12	75.49	-36.25
		439	6.64	-0.55	-107.62	-1.71	-106.45	-11.11	112.94	-50.70	-17.01	79.24	-66.17
		440	5.36	-0.21	-96.15	-0.79	-95.58	-7.41	36.42	-72.91	-16.33	-20.16	-54.63
		448	5.47	0.58	-100.41	0.57	-100.40	-0.90	20.51	-43.46	1.24	-24.18	-29.35
318	8	448	8.27	0.02	-151.72	7.73e-03	-151.70	-1.30	35.27	-69.93	2.06	-36.72	-48.90
		440	8.13	-0.67	-144.84	-1.50	-144.02	-10.87	62.16	-118.00	-25.69	-30.14	-90.05
		441	9.51	1.41e-03	-134.47	-0.46	-134.01	-7.87	-3.63	-206.66	-29.42	-180.88	-67.61
		449	9.80	0.38	-137.50	0.37	-137.48	-1.37	7.95	-197.00	1.06	-190.11	-36.96
318	32	448	6.17	6.88e-03	-113.32	-1.91e-03	-113.31	-1.00	25.57	-51.21	1.51	-27.15	-35.61
		440	6.06	-0.50	-108.27	-1.12	-107.64	-8.17	44.90	-86.07	-18.85	-22.33	-65.46
		441	7.06	0.02	-100.43	-0.33	-100.08	-5.94	-3.04	-151.42	-21.56	-132.90	-49.03
		449	7.28	0.29	-102.59	0.28	-102.58	-1.05	5.74	-144.61	0.78	-139.64	-26.87
318	37	448	5.56	-0.02	-102.58	-0.03	-102.57	-0.98	21.07	-43.51	1.29	-23.73	-29.77
		440	5.44	-0.45	-98.22	-1.02	-97.65	-7.47	36.55	-72.28	-16.11	-19.62	-54.39
		441	6.29	0.06	-90.97	-0.27	-90.64	-5.47	-3.57	-128.95	-18.37	-114.16	-40.45
		449	6.48	0.29	-92.66	0.28	-92.65	-1.04	4.68	-123.83	0.68	-119.82	-22.33
319	7	449	9.94	0.73	-139.38	0.70	-139.35	-1.80	12.30	-197.86	4.53	-190.09	-39.67
		441	9.59	-1.11	-136.38	-1.51	-135.98	-7.32	-3.68	-208.38	-29.99	-182.07	-68.51
		442	11.30	-1.15	-131.28	-1.28	-131.14	-4.21	-39.91	-339.44	-45.20	-334.16	-39.45
		450	11.66	-0.80	-129.07	-0.81	-129.07	-0.85	-3.13	-350.68	-4.08	-349.73	-18.12
319	31	449	7.39	0.53	-104.09	0.51	-104.07	-1.37	8.90	-145.15	3.31	-139.56	-28.80
		441	7.13	-0.81	-101.97	-1.12	-101.66	-5.56	-3.12	-152.56	-21.95	-133.72	-49.60
		442	8.38	-0.83	-98.05	-0.94	-97.94	-3.26	-29.33	-248.77	-33.07	-245.03	-28.42
		450	8.63	-0.59	-96.20	-0.59	-96.19	-0.67	-2.29	-257.00	-2.97	-256.33	-13.06
319	37	449	6.58	0.45	-94.50	0.43	-94.48	-1.33	7.18	-123.51	2.79	-119.12	-23.55
		441	6.37	-0.69	-92.94	-1.00	-92.63	-5.36	-3.96	-128.84	-18.53	-114.27	-40.08
		442	7.40	-0.68	-89.04	-0.81	-88.91	-3.35	-25.09	-210.91	-27.86	-208.14	-22.53
		450	7.57	-0.49	-86.71	-0.50	-86.71	-0.71	-1.95	-217.87	-2.45	-217.37	-10.37
320	7	450	12.09	10.79	-125.03	10.20	-124.44	-8.95	34.50	-351.98	31.83	-349.30	-32.04
		442	11.67	-2.71	-141.23	-2.73	-141.21	1.65	-44.98	-336.01	-47.95	-333.03	-29.27
		443	12.45	-23.77	-119.01	-23.87	-118.92	3.05	-104.69	-510.38	-104.86	-510.21	-8.31
		29	14.44	-16.09	-149.60	-18.44	-147.24	17.58	-59.60	-516.39	-63.16	-512.83	40.17
320	31	450	8.95	8.03	-93.26	7.58	-92.81	-6.72	25.20	-258.01	23.28	-256.09	-23.24
		442	8.65	-1.99	-105.50	-2.01	-105.49	1.11	-33.00	-246.29	-35.08	-244.21	-20.96
		443	9.20	-17.75	-88.93	-17.81	-88.87	2.12	-76.64	-373.66	-76.75	-373.54	-5.95
		29	10.65	-11.97	-111.25	-13.72	-109.50	13.07	-43.54	-377.61	-46.17	-374.98	29.53
320	37	450	7.86	7.20	-84.29	6.77	-83.87	-6.20	21.10	-128.92	19.60	-217.42	-18.93
		442	7.66	-1.72	-95.86	-1.73	-95.85	0.63	-28.06	-208.92	-29.53	-207.46	-16.22
		443	8.04	-16.09	-80.89	-16.12	-80.86	1.44	-64.68	-315.54	-64.77	-315.46	-4.59
		29	9.24	-10.73	-99.49	-12.29	-97.93	11.66	-36.47	-317.40	-38.77	-315.10	25.32
321	7	453	53.14	180.98	-22.74	-18.90	177.14	-27.73	1637.70	-2113.68	897.04	-1373.01	-1493.30
		451	166.73	-102.25	-539.80	-223.04	-419.01	195.60	9488.93	-223.46	654.60	8610.87	-2785.16
		355	66.90	60.41	-245.40	54.59	-239.59	41.77	3546.21	15.10	74.57	3486.75	-454.37
		358	43.86	48.08	-182.84	-131.40	-3.36	96.08	2355.32	-254.24	412.61	1688.47	-1138.20
321	31	453	39.27	133.36	-16.89	-14.00	130.47	-20.64	1210.98	-1562.92	663.10	-1015.05	-1104.35
		451	123.21	-75.92	-399.02	-166.02	-308.92	144.89	7014.04	-165.37	483.78	6364.89	-2058.92
		355	49.42	45.09	-180.56	40.83	-176.30	30.73	2621.24	11.09	55.11	2577.22	-336.09
		358	32.45	35.31	-135.70	-97.53	-2.85	71.20	1741.37	-188.43	305.03	1247.91	-841.89
321	37	453	34.32	115.36	-15.04	-12.35	112.67	-18.54	1060.99	-1369.33	580.35	-888.69	-968.03
		451	107.70	-67.47	-349.25	-148.98	-267.74	127.77	6137.64	-145.33	423.07	5569.24	-1802.26
		355	43.15	40.88	-155.32	37.26	-151.70	26.42	2293.54	9.48	48.19	2254.83	-294.81
		358	28.50	30.18	-120.48	-86.63	-3.67	62.88	1524.91	-166.46	267.03	1091.43	-738.43
322	8	454	13.40	20.47	-2.35	20.45	-2.34	-0.53	692.41	-310.42	126.51	255.48	-497.25
		453	25.28	9.02	-50.79	-50.38	8.62	4.93	1344.19	-480.97	383.16	480.06	-911.29
		358	27.23	21.56	-56.38	-47.07	12.25	25.28	1642.12	-207.89	196.82	1237.41	-764.81
		373	13.19	5.27	-32.59	-21.75	-5.58	17.12	691.25	-175.08	80.50	435.66	-395.09
322	32	454	9.91	14.85	-1.70	14.85	-1.69	-0.31	512.28	-229.89	93.68	188.70	-368.03
		453	18.73	6.43	-38.15	-37.79	6.07	3.99	993.95	-355.95	283.27	354.74	-674.00
		358	20.15	15.95	-41.77	-34.78	8.96	18.84	1214.06	-153.99	145.56	914.51	-565.75
		373	9.78	3.95	-24.50	-16.32	-4.23	12.88	511.30	-129.78	59.69	321.82	-292.52

322	37	454	8.70	12.23	-1.38	12.23	-1.38	-0.07	449.45	-202.27	82.44	164.74	-323.25
		453	16.52	4.94	-35.08	-34.58	4.44	4.48	870.68	-312.50	248.07	310.11	-590.77
		358	17.69	13.99	-36.83	-30.38	7.54	16.92	1062.91	-135.54	127.61	799.76	-496.11
323	8	373	8.63	3.58	-22.54	-14.94	-4.03	11.86	448.27	-114.48	52.75	281.03	-257.18
		455	5.71	23.66	-0.40	21.44	1.83	6.96	263.06	-118.28	54.06	90.72	-189.79
		454	14.38	8.92	-15.59	-4.61	-2.07	12.19	724.55	-265.31	267.27	191.97	-493.50
323	32	373	13.74	14.67	-22.05	-10.61	3.24	17.00	748.30	-169.56	65.21	513.53	-400.46
		382	7.82	17.07	-18.99	-2.04	0.12	18.00	392.79	-74.67	44.26	273.86	-203.60
		455	4.24	17.49	-0.37	15.79	1.33	5.24	195.02	-87.92	40.22	66.88	-140.84
323	37	454	10.66	6.61	-11.88	-3.71	-1.55	9.18	536.06	-196.58	197.72	141.76	-365.25
		373	10.18	11.01	-16.65	-7.99	2.36	12.83	553.43	-125.66	48.39	379.38	-296.49
		382	5.80	12.72	-14.25	-1.61	0.08	13.46	290.68	-55.53	33.01	202.14	-151.04
324	8	455	3.76	15.30	-0.55	13.67	1.08	4.81	172.13	-78.20	35.89	58.04	-124.68
		454	9.41	5.85	-11.38	-4.09	-1.44	8.51	470.32	-173.21	173.45	123.66	-320.80
		373	8.99	10.11	-15.55	-7.38	1.94	11.95	485.04	-110.78	42.87	331.40	-260.65
324	32	382	5.13	11.36	-13.03	-1.69	0.02	12.17	255.23	-49.43	29.67	176.12	-133.57
		456	3.73	36.95	-3.90	31.76	1.30	13.61	130.85	-31.15	26.65	73.05	-77.61
		455	7.31	23.87	-8.14	16.82	-1.08	13.27	345.39	-115.91	111.75	117.72	-230.63
324	37	382	7.88	21.55	-17.28	1.84	2.44	19.41	387.29	-85.13	19.33	282.83	-196.05
		391	4.97	24.54	-14.54	7.75	2.25	19.34	229.80	-38.21	-11.28	202.88	-80.56
		456	2.78	27.50	-2.97	23.59	0.95	10.20	97.33	-23.53	20.04	53.77	-58.03
324	32	455	5.43	17.72	-6.18	12.36	-0.82	9.97	255.89	-86.20	82.86	86.83	-171.03
		382	5.85	16.15	-13.08	1.28	1.79	14.61	286.57	-63.21	14.58	208.78	-145.46
		391	3.69	18.32	-10.93	5.70	1.69	14.48	169.96	-28.31	-7.95	149.59	-60.19
324	37	456	2.50	24.56	-2.86	20.93	0.77	9.29	86.75	-21.90	18.42	46.43	-52.49
		455	4.83	15.70	-5.90	10.60	-0.80	9.18	225.43	-76.75	73.19	75.49	-151.08
		382	5.20	14.73	-12.30	0.92	1.51	13.52	251.52	-56.04	13.55	181.93	-128.69
325	8	391	3.28	16.49	-10.04	4.93	1.51	13.15	148.96	-24.98	-5.92	129.90	-54.34
		457	3.32	50.73	-5.48	43.55	1.70	18.76	71.32	-7.25	-7.25	71.32	0.73
		456	4.21	38.59	-6.57	31.49	0.53	16.44	151.99	-31.20	35.61	85.18	-88.18
325	32	391	5.14	28.38	-16.82	8.69	2.87	22.41	226.61	-41.74	-16.90	201.77	-77.78
		400	3.47	27.49	-14.69	9.10	3.69	20.92	165.53	-45.21	-45.12	165.44	4.21
		457	2.48	37.90	-4.15	32.48	1.26	14.09	52.44	-4.96	-4.96	52.44	-0.24
325	37	456	3.14	28.76	-4.99	23.39	0.38	12.35	112.96	-23.57	26.66	62.73	-65.84
		391	3.83	21.26	-12.72	6.40	2.14	16.86	167.58	-30.91	-12.10	148.77	-58.13
		400	2.57	20.59	-11.07	6.72	2.80	15.71	121.86	-32.91	-32.88	121.83	2.33
325	32	457	2.23	34.21	-3.94	29.19	1.08	12.89	45.25	-3.39	-3.29	45.15	-2.26
		456	2.83	25.81	-4.76	20.76	0.29	11.35	100.44	-21.96	24.22	54.26	-59.33
		391	3.42	19.41	-11.95	5.58	1.89	15.57	146.82	-27.19	-9.55	129.17	-52.53
326	8	400	2.28	18.72	-10.24	5.89	2.59	14.39	105.34	-27.51	-27.51	105.34	0.03
		458	3.97	61.45	-7.21	52.74	1.51	22.86	91.24	-58.30	-30.42	63.36	58.24
		457	3.45	52.73	-6.62	43.95	2.16	21.07	72.68	-6.40	-6.38	72.66	-1.29
326	32	400	3.67	31.21	-17.96	9.46	3.79	24.42	168.43	-45.43	-45.34	168.34	4.41
		409	4.51	22.06	-18.26	1.68	2.12	20.16	161.92	-86.09	-64.04	139.86	70.59
		458	2.95	46.05	-5.47	39.45	1.14	17.22	66.63	-42.08	-22.04	46.59	42.15
326	37	457	2.58	39.42	-5.03	32.78	1.61	15.85	53.48	-4.37	-4.31	53.43	-1.74
		400	2.73	23.45	-13.59	6.99	2.87	18.41	123.99	-33.08	-33.04	123.95	2.49
		409	3.33	16.65	-13.81	1.18	1.67	15.23	118.72	-62.63	-46.79	102.88	51.21
327	8	458	2.63	41.95	-5.17	35.77	1.01	15.90	56.11	-34.16	-18.14	40.09	34.49
		457	2.34	35.69	-4.82	29.47	1.41	14.61	46.26	-2.99	-2.72	46.00	-3.58
		400	2.44	21.56	-12.77	6.15	2.64	17.08	107.17	-27.65	-27.65	107.17	0.17
327	32	409	2.91	15.46	-12.88	0.91	1.67	14.16	101.30	-52.20	-39.51	88.61	42.27
		459	4.63	62.77	-13.09	56.71	-7.02	20.58	98.31	-97.08	-38.83	40.06	89.38
		458	4.16	64.15	-6.77	53.19	4.19	25.64	78.78	-62.65	-33.15	49.29	57.46
327	37	409	4.92	24.92	-22.04	1.34	1.54	23.48	181.03	-83.20	-61.87	159.70	71.98
		418	5.20	1.30	-25.95	-14.42	-10.23	13.46	160.57	-150.84	-70.13	79.85	136.45
		459	3.45	47.22	-9.87	42.58	-5.23	15.60	71.99	-70.57	-28.25	29.67	65.13
327	32	458	3.10	48.10	-5.18	39.78	3.14	19.34	57.40	-45.26	-24.06	36.20	41.55
		409	3.64	18.86	-16.70	0.92	1.24	17.78	132.80	-60.52	-45.19	117.47	52.25
		418	3.84	1.27	-19.70	-10.87	-7.56	10.35	117.44	-109.97	-51.26	58.73	99.52
327	37	459	3.09	43.50	-9.19	39.04	-4.73	14.67	61.04	-58.61	-23.57	26.00	54.45
		458	2.77	43.91	-5.03	36.07	2.80	17.94	47.97	-36.86	-19.90	31.02	33.93
		409	3.20	17.72	-15.71	0.70	1.31	16.71	113.52	-50.42	-38.10	101.20	43.22
328	7	418	3.36	1.93	-18.54	-9.97	-6.65	10.10	99.37	-92.30	-43.34	50.41	83.59
		460	5.19	59.40	-47.91	59.37	-47.89	-1.74	53.44	-14.33	1.61	37.50	28.75
		459	5.08	64.33	-3.63	55.97	4.73	22.32	23.20	-173.66	-70.46	-80.00	98.31
328	31	418	6.12	-1.67	-34.19	-15.89	-19.97	16.13	282.82	-114.09	-57.93	226.66	138.33
		427	8.17	-28.81	-43.19	-29.28	-42.72	-2.55	127.17	-420.23	-54.53	-238.53	257.78
		460	3.91	45.10	-35.89	45.09	-35.88	-0.95	40.14	-9.58	1.58	28.99	20.74
328	37	459	3.78	48.48	-2.93	42.06	3.49	16.99	16.42	-126.70	-51.56	-58.72	71.47
		418	4.53	-0.83	-25.92	-11.99	-14.75	12.47	207.39	-82.93	-42.14	166.60	100.89
		427	6.02	-21.90	-32.19	-22.07	-32.02	-1.31	92.30	-307.05	-39.78	-174.96	187.89
329	7	460	3.67	43.30	-32.93	43.30	-32.93	0.26	37.26	-5.28	2.60	29.37	16.53
		459	3.40	45.40	-3.36	39.01	3.03	16.46	12.04	-105.58	-43.48	-50.07	58.72
		418	3.97	0.61	-24.78	-11.29	-12.88	12.67	176.21	-68.13	-34.70	142.78	83.97
329	7	427	5.23	-20.59	-29.50	-20.65	-29.44	0.72	75.37	-257.35	-33.15	-148.83	155.98
		461	21.57	88.98	-124.11	88.98	-124.11	-0.15	1122.31	-166.03	403.63	552.65	-639.84

		460	13.19	83.07	-17.75	70.61	-5.29	-33.19	-223.26	-869.56	-296.37	-796.45	204.70
		427	20.79	-15.04	-154.59	-21.69	-147.94	29.73	959.57	59.28	64.24	954.60	66.65
		436	50.39	79.74	-105.05	-45.64	20.33	-86.31	211.11	-2827.07	-159.36	-2456.60	994.13
329	31	461	16.03	68.57	-92.64	68.57	-92.64	0.68	827.85	-118.59	297.84	411.42	-469.80
		460	9.67	62.27	-13.50	53.18	-4.42	-24.62	-165.15	-637.31	-218.26	-584.21	149.17
		427	15.35	-10.71	-115.82	-16.02	-110.51	23.01	704.57	44.67	48.19	701.04	48.11
		436	36.99	58.67	-78.39	-34.78	15.06	-63.84	152.82	-2073.31	-117.10	-1803.39	726.65
329	37	461	14.32	69.02	-83.99	68.96	-83.93	3.12	718.98	-90.74	258.99	369.25	-401.09
		460	8.23	57.30	-13.07	49.72	-5.49	-21.82	-144.90	-540.38	-188.40	-496.88	123.73
		427	13.41	-8.04	-106.36	-13.98	-100.41	23.44	601.52	41.76	44.42	598.87	38.43
		436	31.56	50.50	-71.01	-33.78	13.27	-56.02	123.51	-1762.22	-100.27	-1538.44	609.84
330	7	452	107.98	111.96	-41.48	109.25	-38.77	20.21	7010.76	-126.86	2806.89	4077.01	-3511.85
		461	61.78	68.51	-115.56	21.28	-68.32	-80.40	-1983.46	-4679.81	-2365.77	-4297.50	940.57
		436	132.88	101.92	-318.58	51.51	-268.17	136.58	8039.45	846.81	1749.59	7136.67	-2382.94
		30	350.20	277.38	-187.58	-64.77	154.57	-204.99	-1570.58-2.290e+04	-5702.39-1.876e+04	2064.01	3005.68	8428.35
330	31	452	79.39	86.24	-28.54	83.96	-26.26	16.00	5156.02	-86.34	1317.28	1.533e+04	-2578.54
		461	45.27	51.79	-86.37	16.50	-51.09	-60.25	-1459.93	-3427.79	-1739.27	-3148.46	686.77
		436	97.88	77.47	-240.52	39.31	-202.36	103.34	5898.41	623.23	1288.36	5233.29	-1751.07
		30	257.40	210.86	-141.79	-49.92	118.99	-154.78	-1159.11-1.680e+04	-4189.50-1.377e+04	1317.28	1.533e+04	6181.86
330	37	452	68.13	86.70	-18.29	83.73	-15.31	17.42	4428.65	-52.01	1771.86	2604.79	-2201.28
		461	38.36	48.98	-78.63	16.91	-46.57	-55.35	-1257.83	-2899.68	-1491.89	-2665.61	574.03
		436	84.57	74.64	-226.56	38.36	-190.28	98.04	5021.12	536.70	1111.80	4446.02	-1499.42
		30	220.61	203.23	-134.18	-50.23	119.28	-145.88	-1008.50-1.431e+04	-3584.75-1.173e+04	1317.28	1.533e+04	5256.36
331	7	462	215.90	418.02	74.71	146.23	346.50	-139.42	-1404.17-1.380e+04	-2470.65-1.273e+04	1317.28	1.533e+04	3476.14
		18	375.33	34.88	-606.11	-15.96	-555.27	173.22	2.280e+04	-275.59	1783.53	2.074e+04	-6579.04
		451	180.41	-193.80	-423.49	-195.37	-421.92	18.94	1.081e+04	-378.76	758.59	9670.65	-3380.79
		453	82.91	185.71	-104.72	-84.20	165.18	74.44	2926.02	-2530.57	1973.55	-1578.10	-2071.24
331	31	462	159.57	308.11	53.45	106.63	254.93	-103.51	-1037.75-1.020e+04	-1825.80	-9412.73	2569.03	2569.03
		18	277.37	25.07	-447.22	-13.03	-409.11	128.62	1.686e+04	-204.42	1317.28	1.533e+04	-4862.52
		451	133.27	-143.97	-311.85	-145.01	-310.82	13.14	7989.40	-279.95	561.01	7148.44	-2499.40
		453	61.31	136.87	-78.00	-62.49	121.37	55.60	2162.95	-1871.14	1458.54	-1166.73	-1531.49
331	37	462	139.56	266.80	41.11	88.66	219.25	-92.03	-907.50	-8924.07	-1596.23	-8235.33	2246.53
		18	242.50	19.72	-388.80	-15.34	-353.73	114.43	1.475e+04	-181.10	1149.32	1.342e+04	-4253.12
		451	116.33	-128.24	-269.15	-128.78	-268.60	8.75	6992.14	-244.93	491.75	6255.46	-2188.30
		453	53.75	118.52	-70.18	-55.51	103.86	50.52	1892.99	-1639.19	1275.44	-1021.64	-1341.61
332	8	463	31.06	57.52	0.42	22.98	34.96	-27.91	-61.44	-1942.98	-237.24	-1767.18	547.60
		462	60.15	40.80	-88.05	22.65	-69.90	44.82	3733.37	157.54	951.32	2939.60	-1486.04
		453	15.02	64.76	-44.37	-0.55	20.94	-53.50	39.76	-723.39	-577.99	-105.64	-299.70
		454	32.61	26.91	-49.44	-5.98	-16.55	37.81	1759.11	-345.44	633.47	780.20	-1049.72
332	32	463	22.97	42.74	0.08	16.78	26.03	-20.82	-45.41	-1436.06	-175.25	-1306.21	404.61
		462	44.48	29.46	-65.71	15.75	-52.00	33.41	2759.55	116.35	703.11	2172.79	-1098.48
		453	11.11	47.34	-33.07	-0.84	15.11	-39.41	29.80	-535.05	-427.17	-78.08	-222.04
		454	24.14	19.96	-36.89	-4.79	-12.14	28.19	1300.79	-255.89	468.32	576.58	-776.46
332	37	463	20.15	38.01	-0.59	14.11	23.31	-18.74	-39.67	-1256.13	-153.02	-1142.78	353.60
		462	38.97	23.84	-59.27	11.00	-46.43	30.03	2414.38	101.58	615.09	1900.87	-961.23
		453	9.73	39.90	-29.65	-1.91	12.17	-34.05	27.13	-468.99	-373.53	-68.33	-195.56
		454	21.21	17.65	-33.22	-5.23	-10.35	25.31	1139.49	-225.30	409.98	504.21	-680.77
333	8	464	5.22	35.89	0.52	35.15	1.27	-5.09	70.17	-218.14	70.03	-218.00	6.32
		463	8.65	25.97	-10.29	23.18	-7.50	9.66	524.57	10.85	214.02	321.40	-251.19
		454	9.92	8.27	4.06	5.96	6.37	-2.09	397.81	-350.36	70.72	-23.27	-371.12
		455	10.28	25.72	-10.97	19.03	-4.28	14.16	519.72	-138.09	125.40	256.23	-322.34
333	32	464	3.86	26.52	0.38	25.96	0.94	-3.79	52.01	-161.24	51.92	-161.14	4.50
		463	6.40	18.91	-7.68	16.80	-5.57	7.19	387.89	7.94	158.28	237.55	-185.80
		454	7.33	5.89	3.00	4.17	4.71	-1.42	294.64	-259.53	52.38	-17.27	-274.89
		455	7.63	19.06	-8.22	14.01	-3.17	10.60	384.82	-102.67	92.87	189.28	-238.93
333	37	464	3.38	23.15	0.31	22.63	0.83	-3.40	45.91	-141.07	45.85	-141.00	3.48
		463	5.61	15.76	-6.95	13.77	-4.95	6.42	339.77	6.76	138.72	207.81	-162.88
		454	6.42	4.60	2.53	3.01	4.12	-0.88	259.34	-228.48	46.14	-15.28	-241.97
		455	6.74	16.79	-7.50	12.09	-2.79	9.60	338.42	-91.35	81.74	165.32	-210.78
334	8	465	3.82	56.33	-1.08	56.32	-1.07	-0.78	49.19	-36.12	44.40	-31.33	-19.63
		464	3.48	37.46	-2.39	36.99	-1.92	4.28	134.93	-24.48	92.70	17.75	-70.35
		455	6.95	23.68	-3.77	19.61	0.30	9.75	312.54	-150.90	81.73	79.91	-231.72
		456	4.41	38.23	-4.61	33.75	-0.13	13.11	173.50	-37.13	34.47	101.90	-99.78
334	32	465	2.84	41.90	-0.81	41.89	-0.81	-0.58	36.66	-26.80	33.02	-23.17	-14.74
		464	2.57	27.67	-1.77	27.32	-1.42	3.18	100.00	-18.21	68.67	13.11	-52.17
		455	5.17	17.58	-2.91	14.45	0.21	7.37	231.73	-112.17	60.59	58.96	-171.95
		456	3.28	28.46	-3.46	25.08	-0.08	9.82	129.00	-28.10	25.73	75.18	-74.56
334	37	465	2.53	37.33	-0.77	37.33	-0.76	-0.52	32.87	-23.73	29.44	-20.30	-13.50
		464	2.26	24.14	-1.56	23.82	-1.25	2.84	88.19	-16.24	60.50	11.45	-46.10
		455	4.60	15.62	-2.93	12.53	0.16	6.91	204.60	-99.78	53.51	51.31	-152.19
		456	2.95	25.44	-3.16	22.31	-0.03	8.93	114.85	-26.29	23.16	65.40	-67.34
335	8	466	4.44	83.14	-0.99	83.13	-0.97	1.07	13.94	-8.10	13.38	-7.54	3.48
		465	3.65	57.62	-2.07	57.32	-1.77	4.27	54.27	-17.72	44.26	-7.71	-24.90
		456	4.19	39.04	-5.33	33.91	-0.20	14.19	151.62	-39.88	33.18	78.56	-93.02
		457	3.20	52.06	-4.44	46.66	0.96	16.61	68.02	-0.30	0.20	67.51	5.84
335	32	466	3.32	62.07	-0.75	62.06	-0.74	0.81	10.45	-5.91	10.13	-5.59	2.28
		465	2.71	42.86	-1.54	42.63	-1.31	3.18	40.45	-13.24	32.92	-5.71	-18.64

		456	3.13	29.12	-4.06	25.21	-0.15	10.69	112.86	-30.17	24.77	57.92	-69.57
		457	2.39	38.90	-3.34	34.82	0.74	12.47	49.97	0.22	0.44	49.74	3.35
335	37	466	3.00	55.92	-0.72	55.91	-0.71	0.73	9.59	-5.03	9.49	-4.93	1.21
		465	2.42	38.20	-1.37	37.99	-1.16	2.86	36.27	-11.95	29.34	-5.03	-16.91
		456	2.83	26.18	-3.88	22.45	-0.15	9.91	100.82	-28.20	22.32	50.30	-62.97
		457	2.16	35.14	-3.06	31.35	0.72	11.41	43.07	1.15	1.15	43.07	0.41
336	8	467	6.03	117.01	-1.26	116.92	-1.18	3.14	20.49	-28.28	-8.99	1.20	23.85
		466	4.55	84.36	-1.78	84.04	-1.46	5.27	14.56	-8.63	14.09	-8.16	3.25
		457	3.31	53.49	-6.14	47.08	0.27	18.48	69.61	-0.10	0.52	68.99	6.54
		458	4.28	63.20	-5.41	56.54	1.25	20.32	92.15	-67.56	-20.76	45.34	72.70
336	32	467	4.51	87.58	-0.96	87.52	-0.90	2.35	14.91	-20.40	-6.36	0.86	17.28
		466	3.39	62.98	-1.33	62.74	-1.09	3.94	10.92	-6.30	10.66	-6.04	2.10
		457	2.48	40.01	-4.66	35.14	0.21	13.93	51.11	0.38	0.68	50.82	3.87
		458	3.18	47.37	-4.08	42.32	0.96	15.31	67.13	-48.74	-15.01	33.40	52.64
336	37	467	4.08	79.50	-0.92	79.45	-0.86	2.13	12.38	-16.52	-4.83	0.69	14.19
		466	3.06	56.74	-1.21	56.52	-0.98	3.57	10.01	-5.39	9.94	-5.31	1.04
		457	2.25	36.28	-4.43	31.66	0.19	12.92	43.99	1.34	1.36	43.97	0.85
		458	2.81	43.18	-3.79	38.45	0.94	14.14	56.11	-39.51	-12.27	28.88	43.16
337	8	468	8.59	153.56	-3.09	153.42	-2.94	4.79	44.08	-52.72	-39.40	30.77	33.34
		467	6.11	119.63	-0.04	119.21	0.39	7.12	8.67	-37.94	-8.32	-20.95	22.43
		458	4.60	64.77	-8.65	56.74	-0.62	22.91	115.40	-62.32	-16.29	69.37	77.86
		459	4.72	63.81	-6.29	59.23	-1.70	17.33	63.61	-130.12	-45.13	-21.37	96.13
337	32	468	6.43	115.20	-2.32	115.09	-2.21	3.59	32.41	-38.41	-28.68	22.69	24.37
		467	4.57	89.56	-0.04	89.24	0.28	5.34	6.24	-27.58	-5.87	-15.47	16.21
		458	3.42	48.59	-6.55	42.47	-0.44	17.31	84.28	-44.91	-11.72	51.09	56.45
		459	3.51	48.00	-4.78	44.49	-1.26	13.15	46.27	-94.77	-32.97	-15.54	69.98
337	37	468	5.83	105.23	-2.14	105.13	-2.04	3.26	27.85	-32.16	-24.02	19.70	20.55
		467	4.15	81.32	-0.07	81.02	0.23	4.88	4.99	-22.93	-4.43	-13.51	13.20
		458	3.04	44.42	-6.17	38.60	-0.35	16.15	71.02	-36.26	-9.42	44.17	46.47
		459	3.13	44.22	-4.51	40.84	-1.13	12.37	38.30	-79.20	-27.85	-13.05	58.28
338	8	469	12.12	155.87	-15.29	155.85	-15.27	-2.07	268.63	-96.54	-79.62	251.71	76.76
		468	8.17	162.46	9.41	161.81	10.07	10.02	-66.90	-139.78	-67.10	-139.57	-3.83
		459	5.86	61.45	-18.73	55.60	-12.87	20.86	212.54	-79.27	8.57	124.70	133.86
		460	5.39	61.37	-15.76	58.90	-13.29	-13.58	-165.73	-285.99	-167.40	-284.33	-14.04
338	32	469	9.04	117.16	-11.37	117.14	-11.35	-1.54	198.55	-70.57	-57.88	185.86	57.05
		468	6.12	121.90	6.98	121.40	7.48	7.52	-48.96	-103.22	-49.15	-103.03	-3.20
		459	4.36	46.28	-14.08	41.77	-9.57	15.87	156.17	-57.45	6.64	92.08	97.89
		460	4.00	46.32	-11.87	44.55	-10.10	-10.00	-121.67	-209.74	-123.05	-208.36	-10.94
338	37	469	8.12	107.58	-10.15	107.56	-10.14	-1.42	173.67	-59.79	-48.27	162.15	50.58
		468	5.57	111.38	6.18	110.93	6.63	6.88	-41.60	-90.13	-41.90	-89.83	-3.83
		459	3.88	42.80	-12.95	38.38	-8.52	15.07	134.04	-47.20	6.59	80.25	82.80
		460	3.58	43.10	-10.98	41.67	-9.55	-8.66	-104.24	-179.69	-105.98	-177.95	-11.35
339	7	470	47.46	22.29	-148.81	-5.28	-121.25	-62.90	2610.06	-39.16	406.13	2164.77	990.65
		469	23.26	189.19	68.73	184.60	73.31	23.04	-302.57	-1348.01	-542.60	-1107.98	-439.68
		460	13.63	27.05	-69.87	20.63	-63.46	-24.09	761.40	177.26	393.54	545.12	282.06
		461	30.64	156.30	-65.94	118.23	-27.87	-83.74	-384.63	-1826.83	-1048.19	-1163.28	-718.80
339	31	470	35.12	16.86	-110.15	-3.61	-89.69	-46.69	1930.51	-29.07	302.23	1599.21	734.48
		469	17.21	142.17	51.05	138.89	54.32	16.96	-222.15	-995.33	-399.19	-818.29	-324.87
		460	10.08	20.65	-51.93	16.15	-47.43	-17.49	563.02	131.09	290.65	403.47	208.47
		461	22.68	118.54	-49.92	89.92	-21.30	-63.27	-280.77	-1343.36	-771.86	-852.27	-529.77
339	37	470	30.85	15.97	-96.89	-2.21	-78.71	-41.49	1693.16	-25.90	270.89	1396.37	649.71
		469	15.14	131.88	45.43	129.34	47.96	14.58	-189.62	-867.52	-343.33	-713.80	-283.86
		460	8.85	20.23	-46.41	17.00	-43.18	-14.30	493.33	114.92	253.54	354.71	182.32
		461	19.94	113.36	-47.46	86.77	-20.87	-59.74	-234.39	-1153.38	-666.11	-721.67	-458.66
340	7	17	385.85	12.66	-245.18	-74.40	-158.12	-121.93	2.542e+04	1065.65	6544.23	1.994e+04	1.017e+04
		470	164.91	143.85	-88.03	60.58	-4.75	111.24	-1755.14	-1.137e+04	-3717.27	-9409.36	-3875.38
		461	71.20	84.04	-167.19	-5.71	-77.44	-120.39	4702.33	1568.23	2542.27	3728.20	1450.51
		452	100.28	18.80	-37.25	16.87	-35.32	-10.22	-109.29	-6666.13	-3254.88	-3520.54	-3275.73
340	31	17	285.13	8.09	-180.21	-56.35	-115.77	-89.34	1.879e+04	781.30	4830.08	1.474e+04	7517.74
		470	121.78	105.75	-64.76	45.27	-4.28	81.57	-1293.99	-8401.08	-2740.17	-6954.90	-2861.24
		461	52.83	63.50	-125.21	-3.16	-58.55	-90.20	3481.58	1155.61	1877.67	2759.52	1076.16
		452	73.95	16.31	-24.97	14.51	-23.17	-8.43	-73.80	-4912.69	-2399.72	-2586.77	-2417.63
340	37	17	249.22	3.07	-154.49	-53.67	-97.75	-75.64	1.643e+04	663.35	4203.43	1.289e+04	6579.95
		470	106.19	90.73	-55.72	41.20	-6.19	69.29	-1121.53	-7337.13	-2373.80	-6084.87	-2493.07
		461	46.87	60.03	-114.80	0.65	-55.42	-82.80	3064.65	999.80	1638.20	2426.26	954.28
		452	64.17	22.35	-13.98	19.23	-10.86	-10.19	-42.35	-4251.98	-2080.12	-2214.21	-2103.75
341	7	493	12.53	-8.60	-118.70	-8.62	-118.68	1.39	-117.52	-515.66	-138.40	-494.79	88.74
		494	14.43	7.03	-106.32	6.59	-105.88	7.06	38.83	-577.48	26.56	-565.22	86.08
		21	18.41	-13.87	-118.51	-15.84	-116.54	-14.23	-132.45	-915.00	-133.88	-913.57	-33.41
		492	15.22	-21.60	-102.22	-21.94	-101.88	5.23	-169.89	-773.11	-173.70	-769.31	47.77
341	31	493	9.19	-6.35	-88.17	-6.37	-88.15	1.14	-85.12	-374.28	-100.53	-358.87	64.96
		494	10.55	5.19	-78.64	4.85	-78.30	5.31	28.30	-419.21	19.28	-410.19	62.89
		21	13.44	-10.25	-87.44	-11.70	-85.99	-10.48	-96.30	-665.00	-97.32	-663.98	-24.08
		492	11.13	-16.02	-76.01	-16.29	-75.74	4.00	-123.23	-560.73	-126.02	-557.94	34.80
341	37	493	7.82	-5.55	-78.53	-5.57	-78.51	1.34	-68.89	-305.60	-82.35	-292.13	54.82
		494	8.87	4.51	-68.99	4.18	-68.66	4.92	23.48	-342.47	15.72	-334.72	52.71
		21	11.23	-8.96	-76.04	-10.21	-74.79	-9.06	-79.17	-545.78	-79.95	-544.99	-19.11

		492	9.34	-14.18	-67.97	-14.47	-67.68	3.93	-100.35	-456.46	-102.70	-454.11	28.82
342	7	496	10.74	-12.59	-104.28	-13.75	-103.12	10.27	-84.14	-424.87	-97.46	-411.56	66.03
		493	12.54	-7.14	-113.31	-8.02	-112.42	9.67	-89.52	-513.70	-110.11	-493.10	91.17
		492	15.11	-20.19	-107.54	-20.29	-107.44	2.99	-144.82	-738.19	-145.63	-737.37	22.00
		495	12.17	-17.94	-101.20	-20.01	-99.12	12.97	-108.66	-548.35	-109.17	-547.83	15.05
342	31	496	7.89	-9.35	-77.75	-10.24	-76.87	7.73	-60.75	-307.65	-70.60	-297.80	48.32
		493	9.20	-5.25	-84.22	-5.95	-83.53	7.38	-64.76	-372.75	-79.93	-357.58	66.65
		492	11.05	-14.99	-79.87	-15.07	-79.79	2.31	-105.00	-535.28	-105.60	-534.68	16.05
		495	8.90	-13.33	-75.47	-14.91	-73.89	9.79	-78.54	-396.44	-78.92	-396.06	10.98
342	37	496	6.72	-8.33	-70.17	-9.18	-69.32	7.21	-48.53	-248.81	-57.18	-240.16	40.72
		493	7.82	-4.52	-75.22	-5.26	-74.48	7.20	-52.17	-304.00	-65.29	-290.89	55.95
		492	9.27	-13.32	-71.13	-13.41	-71.03	2.33	-85.36	-435.36	-85.88	-434.85	13.40
		495	7.50	-11.90	-68.19	-13.45	-66.64	9.22	-63.08	-318.57	-63.41	-318.24	9.15
343	7	498	8.84	-14.41	-89.39	-16.52	-87.28	12.42	-77.85	-344.40	-82.29	-339.96	34.12
		496	10.72	-11.29	-104.66	-13.90	-102.05	15.40	-83.21	-418.70	-96.26	-405.65	64.87
		495	12.17	-18.05	-100.66	-19.65	-99.07	11.36	-108.48	-549.10	-108.99	-548.59	14.97
		497	10.09	-14.14	-90.30	-17.64	-86.80	15.95	-85.63	-435.42	-85.82	-435.23	8.11
343	31	498	6.49	-10.73	-66.88	-12.34	-65.28	9.35	-56.20	-248.62	-59.51	-245.31	25.03
		496	7.87	-8.34	-78.08	-10.35	-76.07	11.67	-60.07	-303.15	-69.73	-293.50	47.48
		495	8.90	-13.43	-75.05	-14.64	-73.84	8.55	-78.42	-396.98	-78.79	-396.60	10.92
		497	7.38	-10.53	-67.58	-13.19	-64.91	12.03	-61.66	-313.65	-61.80	-313.51	5.92
343	37	498	5.55	-9.66	-61.11	-11.19	-59.59	8.73	-44.86	-198.60	-47.87	-195.60	21.30
		496	6.73	-7.28	-70.63	-9.30	-68.61	11.13	-47.99	-245.09	-56.48	-236.59	40.03
		495	7.49	-12.02	-67.73	-13.20	-66.56	8.00	-62.97	-318.99	-63.29	-318.67	9.11
		497	6.23	-9.48	-61.79	-12.04	-59.22	11.30	-48.76	-248.31	-48.88	-248.18	4.94
344	7	500	7.63	-14.42	-74.73	-16.64	-72.51	11.36	-78.07	-316.23	-78.07	-316.23	0.71
		498	8.90	-12.68	-90.89	-16.66	-86.90	17.20	-77.83	-342.75	-82.25	-338.33	33.94
		497	10.06	-14.56	-89.37	-17.45	-86.48	14.42	-85.71	-435.36	-85.91	-435.16	8.36
		499	8.97	-11.19	-77.39	-15.07	-73.50	15.56	-78.52	-399.42	-78.54	-399.40	2.32
344	31	500	5.60	-10.77	-56.15	-12.46	-54.47	8.58	-56.42	-227.80	-56.42	-227.80	0.59
		498	6.54	-9.39	-68.05	-12.44	-65.00	13.03	-56.18	-247.42	-59.48	-244.12	24.90
		497	7.36	-10.86	-66.86	-13.05	-64.67	10.86	-61.72	-313.59	-61.87	-313.45	6.10
		499	6.56	-8.37	-58.15	-11.32	-55.20	11.76	-56.41	-287.04	-56.42	-287.03	1.68
344	37	500	4.78	-9.81	-52.07	-11.42	-50.45	8.10	-45.26	-180.36	-45.26	-180.36	0.71
		498	5.60	-8.28	-62.35	-11.30	-59.33	12.41	-44.84	-197.59	-47.84	-194.59	21.19
		497	6.20	-9.81	-61.08	-11.90	-58.99	10.14	-48.80	-248.21	-48.93	-248.08	5.09
		499	5.53	-7.63	-53.93	-10.48	-51.08	11.12	-44.16	-225.03	-44.17	-225.02	1.37
345	7	502	7.47	-12.77	-62.56	-14.57	-60.76	9.29	-80.02	-352.56	-84.28	-348.29	-33.83
		500	7.69	-12.43	-76.71	-16.71	-72.42	16.04	-78.00	-315.71	-78.01	-315.71	0.50
		499	8.94	-11.70	-76.56	-14.93	-73.33	14.11	-78.41	-398.89	-78.43	-398.87	2.37
		501	9.06	-9.12	-65.49	-12.74	-61.87	13.81	-88.09	-447.56	-88.13	-447.52	-3.71
345	31	502	5.48	-9.59	-47.27	-10.96	-45.90	7.06	-57.80	-254.31	-60.96	-251.14	-24.74
		500	5.65	-9.23	-57.69	-12.52	-54.40	12.18	-56.37	-227.41	-56.37	-227.41	0.43
		499	6.54	-8.76	-57.52	-11.21	-55.07	10.65	-56.33	-286.64	-56.34	-286.63	1.72
		501	6.62	-6.87	-49.47	-9.62	-46.72	10.47	-63.37	-322.06	-63.39	-322.03	-2.74
345	37	502	4.66	-8.86	-44.65	-10.20	-43.31	6.79	-46.26	-202.47	-49.08	-199.65	-20.80
		500	4.83	-8.23	-53.64	-11.48	-50.39	11.71	-45.22	-180.01	-45.22	-180.01	0.58
		499	5.50	-8.03	-53.29	-10.37	-50.95	10.02	-44.08	-224.65	-44.09	-224.64	1.40
		501	5.57	-6.40	-46.70	-9.07	-44.03	10.02	-49.88	-253.87	-49.91	-253.85	-2.39
346	7	504	8.38	-9.84	-53.25	-11.34	-51.75	7.91	-88.82	-450.95	-101.53	-438.24	-66.64
		502	7.49	-10.71	-64.76	-14.60	-60.87	13.96	-79.71	-353.49	-84.06	-349.14	-34.24
		501	9.03	-9.65	-64.77	-12.64	-61.78	12.48	-87.91	-446.96	-87.94	-446.93	-3.54
		503	10.51	-7.36	-55.79	-10.78	-52.37	12.41	-116.02	-587.59	-116.23	-587.37	-10.07
346	31	504	6.15	-7.44	-40.53	-8.59	-39.39	6.05	-64.15	-326.39	-73.58	-316.95	-48.83
		502	5.50	-8.00	-48.97	-10.99	-45.98	10.65	-57.57	-254.99	-60.80	-251.75	-25.05
		501	6.60	-7.27	-48.91	-9.54	-46.64	9.45	-63.23	-321.62	-63.26	-321.59	-2.62
		503	7.69	-5.60	-42.45	-8.20	-39.84	9.45	-83.80	-424.50	-83.96	-424.34	-7.41
346	37	504	5.23	-7.05	-39.21	-8.18	-38.08	5.92	-51.32	-263.50	-59.72	-255.10	-41.38
		502	4.69	-7.25	-46.37	-10.23	-43.38	10.39	-46.06	-203.02	-48.94	-200.14	-21.07
		501	5.55	-6.81	-46.12	-8.99	-43.94	9.00	-49.76	-253.49	-49.79	-253.46	-2.29
		503	6.47	-5.40	-41.01	-7.93	-38.49	9.14	-67.07	-340.11	-67.21	-339.96	-6.38
347	7	506	10.01	-6.35	-45.73	-7.78	-44.29	7.38	-104.11	-589.31	-123.12	-570.31	-94.13
		504	8.45	-7.70	-55.93	-11.41	-52.22	12.85	-89.30	-457.00	-102.07	-444.23	-67.31
		503	10.44	-7.90	-54.46	-10.76	-51.60	11.19	-116.43	-586.33	-116.66	-586.09	-10.50
		505	13.48	-5.61	-49.67	-9.25	-46.02	12.13	-161.47	-825.28	-161.82	-824.93	-15.31
347	31	506	7.35	-4.86	-35.18	-5.95	-34.09	5.65	-75.37	-427.84	-89.45	-413.76	-69.03
		504	6.20	-5.79	-42.59	-8.65	-39.74	9.84	-64.49	-330.80	-73.97	-321.32	-49.33
		503	7.63	-6.01	-41.42	-8.19	-39.24	8.50	-84.09	-423.59	-84.27	-423.42	-7.72
		505	9.87	-4.35	-38.17	-7.11	-35.41	9.26	-117.10	-598.62	-117.36	-598.36	-11.28
347	37	506	6.27	-4.79	-35.19	-5.85	-34.14	5.56	-60.86	-349.66	-73.31	-337.21	-58.64
		504	5.28	-5.40	-41.28	-8.25	-38.42	9.71	-51.57	-267.16	-60.02	-258.72	-41.83
		503	6.42	-5.82	-39.97	-7.91	-37.88	8.19	-67.31	-339.39	-67.47	-339.23	-6.63
		505	8.35	-4.46	-38.08	-7.11	-35.44	9.05	-95.28	-487.47	-95.53	-487.23	-9.72
348	7	507	12.84	2.27	-41.69	2.27	-41.69	-0.04	32.00	-698.60	22.94	-689.53	-80.87
		506	9.94	-4.16	-52.95	-9.98	-47.13	15.81	-143.56	-597.43	-163.19	-577.79	-92.33
		505	13.47	-6.24	-40.21	-9.62	-36.83	10.17	-188.74	-869.10	-192.33	-865.50	-49.33
		39	18.03	-6.52	-66.08	-9.93	-62.67	13.84	-160.81	-1070.20	-163.96	-1067.05	53.42

348	31	507	9.45	1.77	-32.58	1.77	-32.58	-0.05	23.39	-507.72	16.67	-501.00	-59.37
		506	7.30	-3.20	-40.74	-7.65	-36.28	12.14	-104.08	-433.92	-118.68	-419.32	-67.84
		505	9.84	-4.86	-30.89	-7.41	-28.34	7.74	-136.95	-630.63	-139.60	-627.98	-36.05
		39	13.27	-5.09	-51.28	-7.70	-48.68	10.66	-117.09	-778.85	-119.34	-776.59	38.56
348	37	507	8.13	1.83	-34.16	1.83	-34.16	-0.10	19.63	-416.69	13.66	-410.73	-50.66
		506	6.25	-3.18	-40.75	-7.56	-36.37	12.06	-84.56	-355.25	-97.63	-342.17	-58.04
		505	8.26	-5.04	-30.78	-7.43	-28.39	7.48	-111.68	-514.26	-113.96	-511.98	-30.21
		39	11.43	-5.33	-52.69	-7.90	-50.12	10.72	-96.78	-642.60	-98.53	-640.86	30.79
349	7	508	10.52	-1.89	-117.23	-3.31	-115.80	12.73	-3.68	-356.16	-84.83	-275.01	148.38
		509	10.96	0.87	-114.28	0.55	-113.96	6.03	41.46	-353.03	-5.34	-306.23	127.56
		494	13.88	0.14	-105.88	-0.07	-105.66	4.81	-9.18	-580.41	-21.80	-567.80	83.94
		493	12.59	-5.65	-113.23	-6.12	-112.76	7.08	-94.58	-522.99	-123.11	-494.46	106.80
349	31	508	7.74	-1.38	-87.07	-2.46	-86.00	9.55	-2.10	-259.08	-61.70	-199.48	108.46
		509	8.04	0.64	-84.61	0.39	-84.37	4.53	30.37	-256.57	-3.91	-222.29	93.06
		494	10.15	0.13	-78.23	-0.04	-78.06	3.63	-6.62	-421.42	-15.89	-412.15	61.32
		493	9.23	-4.17	-84.06	-4.53	-83.70	5.36	-68.42	-379.58	-89.43	-358.56	78.08
349	37	508	6.66	-1.16	-77.56	-2.18	-76.53	8.80	0.15	-213.39	-50.80	-162.45	91.01
		509	6.85	0.54	-74.51	0.30	-74.27	4.19	25.70	-210.55	-3.30	-181.55	77.52
		494	8.52	0.17	-68.36	1.03e-04	-68.19	3.41	-5.23	-344.54	-13.19	-336.59	51.34
		493	7.83	-3.63	-74.74	-4.00	-74.38	5.09	-55.08	-309.86	-73.26	-291.69	65.58
350	7	510	8.89	-8.79	-104.79	-11.62	-101.96	16.24	-39.65	-295.50	-97.24	-237.92	106.85
		508	10.37	-1.35	-117.30	-3.65	-115.01	16.15	-16.55	-338.35	-83.18	-271.72	130.39
		493	12.42	-7.26	-111.45	-8.27	-110.44	10.21	-91.18	-513.18	-114.55	-489.81	96.51
		496	10.61	-11.69	-101.58	-13.60	-99.67	12.98	-82.18	-423.19	-100.10	-405.27	76.09
350	31	510	6.56	-6.50	-78.10	-8.64	-75.95	12.21	-28.23	-214.73	-70.66	-172.30	78.19
		508	7.63	-0.96	-87.17	-2.72	-85.41	12.18	-11.52	-246.05	-60.48	-197.09	95.31
		493	9.10	-5.34	-82.76	-6.12	-81.97	7.76	-65.97	-372.36	-83.17	-355.16	70.53
		496	7.79	-8.66	-75.69	-10.12	-74.24	9.76	-59.30	-306.45	-72.53	-293.22	55.63
350	37	510	5.68	-5.68	-70.39	-7.73	-68.34	11.33	-21.21	-176.16	-57.97	-139.40	65.91
		508	6.58	-0.70	-77.77	-2.45	-76.03	11.45	-7.79	-202.42	-49.73	-160.49	80.02
		493	7.73	-4.57	-73.65	-5.39	-72.83	7.49	-53.15	-303.65	-68.00	-288.80	59.15
		496	6.63	-7.66	-68.18	-9.06	-66.78	9.09	-47.27	-247.91	-58.81	-236.37	46.72
351	7	511	7.08	-13.61	-87.34	-17.15	-83.80	15.78	-66.45	-230.90	-90.91	-206.43	58.52
		510	8.98	-7.59	-105.43	-11.95	-101.07	20.19	-38.71	-291.15	-93.43	-236.43	104.02
		496	10.60	-10.90	-102.08	-13.85	-99.14	16.12	-82.18	-418.70	-98.67	-402.21	72.64
		498	8.74	-13.57	-87.40	-16.51	-84.46	14.44	-77.47	-343.44	-83.71	-337.20	40.26
351	31	511	5.23	-10.09	-65.33	-12.79	-62.64	11.89	-47.91	-167.34	-66.09	-149.16	42.91
		510	6.62	-5.57	-78.62	-8.90	-75.29	15.24	-27.55	-211.54	-67.89	-171.20	76.12
		496	7.78	-8.05	-76.09	-10.31	-73.83	12.19	-59.31	-303.17	-71.49	-290.99	53.12
		498	6.42	-10.09	-65.35	-12.32	-63.12	10.87	-55.91	-247.93	-60.54	-243.29	29.48
351	37	511	4.55	-8.95	-59.62	-11.53	-57.04	11.13	-38.02	-135.86	-54.31	-119.57	36.45
		510	5.75	-4.73	-71.00	-7.99	-67.74	14.34	-20.71	-173.45	-55.70	-138.46	64.19
		496	6.64	-7.00	-68.61	-9.24	-66.37	11.54	-47.32	-245.14	-57.97	-234.48	44.65
		498	5.47	-9.02	-59.59	-11.15	-57.46	10.16	-44.59	-198.06	-48.75	-193.91	24.90
352	7	512	5.67	-15.66	-70.89	-18.53	-68.02	12.25	-88.86	-194.89	-88.97	-194.78	3.39
		511	7.18	-12.11	-88.68	-17.43	-83.36	19.47	-66.24	-229.37	-90.41	-205.21	57.94
		498	8.77	-12.26	-88.25	-16.62	-83.89	17.68	-77.37	-342.23	-83.51	-336.09	39.84
		500	7.53	-13.58	-72.90	-16.58	-69.89	13.01	-77.95	-315.28	-78.04	-315.19	4.59
352	31	512	4.18	-11.65	-53.26	-13.84	-51.07	9.28	-64.66	-140.61	-64.74	-140.53	2.57
		511	5.30	-8.93	-66.38	-13.00	-62.31	14.73	-47.76	-166.23	-65.73	-148.26	42.49
		498	6.44	-9.07	-66.02	-12.40	-62.69	13.37	-55.84	-247.04	-60.40	-242.48	29.17
		500	5.53	-10.13	-54.75	-12.41	-52.46	9.84	-56.33	-227.10	-56.40	-227.04	3.38
352	37	512	3.65	-10.44	-49.37	-12.57	-47.24	8.86	-53.31	-112.07	-53.41	-111.97	2.45
		511	4.63	-7.75	-60.73	-11.74	-56.74	13.98	-37.91	-134.92	-54.02	-118.81	36.10
		498	5.51	-7.97	-60.30	-11.24	-57.03	12.67	-44.54	-197.30	-48.63	-193.21	24.66
		500	4.71	-9.16	-50.66	-11.36	-48.46	9.30	-45.19	-179.77	-45.25	-179.71	2.92
353	7	513	5.35	-14.37	-58.40	-16.07	-56.71	8.47	-68.98	-234.34	-89.63	-213.69	-54.66
		512	5.72	-13.99	-72.64	-18.69	-67.93	15.93	-88.97	-194.31	-89.05	-194.23	2.90
		500	7.55	-12.03	-74.10	-16.64	-69.49	16.27	-77.89	-314.75	-77.97	-314.67	4.34
		502	7.36	-11.99	-60.78	-14.47	-58.29	10.73	-79.28	-352.27	-82.93	-348.61	-31.36
353	31	513	3.94	-10.73	-44.13	-12.04	-42.82	6.49	-49.95	-169.63	-65.28	-154.29	-40.00
		512	4.23	-10.35	-54.62	-13.97	-51.01	12.12	-64.74	-140.18	-64.81	-140.12	2.21
		500	5.55	-8.93	-55.68	-12.46	-52.15	12.35	-56.29	-226.71	-56.35	-226.65	3.19
		502	5.40	-8.98	-45.90	-10.88	-44.00	8.15	-57.25	-254.10	-59.97	-251.37	-22.98
353	37	513	3.41	-9.73	-41.71	-11.07	-40.37	6.41	-40.32	-137.03	-54.03	-123.33	-33.72
		512	3.70	-9.11	-50.77	-12.71	-47.17	11.71	-53.39	-111.70	-53.47	-111.62	2.14
		500	4.73	-7.94	-51.62	-11.42	-48.15	11.82	-45.15	-179.42	-45.21	-179.36	2.76
		502	4.58	-8.25	-43.28	-10.11	-41.42	7.85	-45.78	-202.30	-48.24	-199.84	-19.49
354	7	514	6.13	-10.15	-49.90	-11.20	-48.86	6.37	-40.04	-316.40	-90.78	-265.65	-107.00
		513	5.33	-12.80	-60.25	-16.22	-56.83	12.27	-68.60	-235.48	-89.93	-214.15	-55.72
		502	7.36	-10.37	-62.11	-14.49	-57.99	14.01	-78.99	-352.76	-82.79	-348.96	-32.03
		504	8.29	-9.09	-51.63	-11.23	-49.49	9.30	-87.38	-451.62	-99.08	-439.93	-64.21
354	31	514	4.52	-7.62	-37.99	-8.44	-37.17	4.93	-28.56	-229.89	-66.13	-192.31	-78.45
		513	3.93	-9.51	-45.56	-12.16	-42.91	9.41	-49.66	-170.47	-65.50	-154.62	-40.78
		502	5.40	-7.73	-46.93	-10.90	-43.76	10.68	-57.03	-254.45	-59.87	-251.62	-23.48
		504	6.08	-6.86	-39.29	-8.50	-37.65	7.10	-63.09	-326.89	-71.79	-318.19	-47.11
354	37	514	3.89	-7.03	-36.77	-7.90	-35.90	5.02	-21.62	-188.50	-54.78	-155.35	-66.59

		513	3.40	-8.48	-43.17	-11.20	-40.44	9.33	-40.05	-137.76	-54.20	-123.60	-34.39
		502	4.59	-6.98	-44.32	-10.14	-41.17	10.38	-45.58	-202.60	-48.15	-200.03	-19.91
		504	5.16	-6.47	-37.97	-8.09	-36.35	6.96	-50.38	-263.95	-58.20	-256.13	-40.11
355	7	515	7.21	-4.27	-43.20	-5.14	-42.33	5.76	-25.65	-396.29	-84.70	-337.24	-135.64
		514	6.08	-8.87	-51.70	-11.58	-48.99	10.42	-39.65	-322.11	-93.49	-268.27	-110.95
		504	8.30	-7.36	-52.80	-11.14	-49.02	12.55	-86.39	-456.24	-99.09	-443.54	-67.36
		506	9.92	-5.60	-44.99	-7.85	-42.74	9.16	-106.07	-589.43	-122.29	-573.22	-87.04
355	31	515	5.31	-3.23	-33.25	-3.90	-32.57	4.45	-18.02	-288.44	-61.71	-244.75	-99.53
		514	4.47	-6.62	-39.38	-8.74	-37.26	8.05	-28.24	-234.09	-68.10	-194.23	-81.34
		504	6.08	-5.53	-40.19	-8.44	-37.28	9.61	-62.34	-330.27	-71.79	-320.83	-49.42
		506	7.28	-4.29	-34.62	-6.01	-32.89	7.02	-76.78	-427.92	-88.83	-415.87	-63.92
355	37	515	4.60	-3.06	-33.29	-3.75	-32.60	4.51	-12.72	-238.14	-51.13	-199.73	-84.75
		514	3.85	-6.01	-38.18	-8.22	-35.97	8.14	-21.25	-192.12	-56.38	-156.98	-69.06
		504	5.16	-5.13	-38.87	-8.04	-35.97	9.46	-49.71	-266.82	-58.18	-258.35	-42.04
		506	6.21	-4.23	-34.63	-5.91	-32.96	6.94	-61.98	-349.70	-72.74	-338.94	-54.58
356	7	516	8.40	0.65	-30.79	0.64	-30.78	-0.58	35.83	-445.23	3.93	-413.33	-119.70
		515	7.38	-2.45	-46.28	-4.98	-43.75	10.22	-15.54	-415.63	-87.60	-343.57	-153.75
		506	9.98	-2.54	-48.36	-7.58	-43.33	14.33	-118.14	-602.95	-139.30	-581.80	-99.04
		507	12.37	-0.19	-40.31	-0.30	-40.19	2.14	-17.70	-702.49	-22.41	-697.78	-56.60
356	31	516	6.20	0.49	-24.23	0.49	-24.22	-0.44	26.41	-323.87	2.87	-300.33	-87.71
		515	5.44	-1.83	-35.60	-3.78	-33.65	7.87	-10.55	-302.68	-63.84	-249.39	-112.82
		506	7.33	-1.95	-37.20	-5.79	-33.35	10.99	-85.53	-437.93	-101.25	-422.20	-72.76
		507	9.10	-0.15	-31.52	-0.24	-31.43	1.65	-12.80	-510.63	-16.32	-507.11	-41.71
356	37	516	5.39	0.47	-25.90	0.47	-25.89	-0.42	22.90	-266.76	2.40	-246.26	-74.28
		515	4.70	-1.68	-35.62	-3.64	-33.66	7.91	-6.20	-250.43	-52.95	-203.67	-96.09
		506	6.25	-1.92	-37.19	-5.68	-33.42	10.89	-69.08	-358.51	-83.15	-344.44	-62.24
		507	7.83	-0.18	-33.11	-0.26	-33.02	1.65	-10.31	-419.33	-13.52	-416.12	-36.09
357	7	517	8.94	-1.22	-121.07	-4.38	-117.90	19.22	106.11	-245.49	-69.29	-70.09	175.80
		518	8.59	0.40	-124.29	-0.12	-123.78	7.99	103.60	-196.82	-11.88	-81.33	146.14
		509	10.83	0.84	-111.93	0.33	-111.41	7.59	35.62	-354.36	-13.97	-304.77	129.92
		508	10.43	-1.49	-114.52	-3.38	-112.63	14.49	-3.02	-357.65	-89.83	-270.85	152.47
357	31	517	6.60	-0.88	-89.93	-3.26	-87.55	14.36	77.69	-179.21	-50.47	-51.04	128.45
		518	6.33	0.29	-92.10	-0.10	-91.71	5.98	75.58	-143.55	-8.67	-59.30	106.60
		509	7.94	0.64	-82.79	0.25	-82.40	5.68	26.12	-257.55	-10.20	-221.24	94.77
		508	7.67	-1.08	-85.00	-2.51	-83.57	10.85	-1.63	-260.16	-65.35	-196.44	111.42
357	37	517	5.75	-0.72	-80.10	-2.94	-77.89	13.07	65.62	-149.64	-41.79	-42.22	107.63
		518	5.49	0.24	-81.33	-0.13	-80.96	5.47	62.96	-119.44	-7.21	-49.27	88.74
		509	6.75	0.60	-72.66	0.23	-72.29	5.20	22.19	-211.41	-8.50	-180.72	78.91
		508	6.58	-0.86	-75.51	-2.21	-74.16	9.95	0.54	-214.29	-53.84	-159.91	93.41
358	7	519	7.32	-7.55	-105.53	-13.47	-99.61	23.34	43.83	-202.29	-97.31	-61.16	121.73
		517	8.67	-0.65	-121.70	-5.15	-117.20	22.90	80.96	-219.96	-69.04	-69.96	150.46
		508	10.24	-1.46	-114.46	-4.32	-111.60	17.75	-17.81	-339.44	-88.32	-268.93	133.07
		510	8.78	-8.07	-102.50	-11.61	-98.95	17.94	-39.38	-293.94	-100.33	-232.98	108.63
358	31	519	5.42	-5.56	-78.62	-10.02	-74.16	17.49	32.38	-147.78	-70.93	-44.47	89.10
		517	6.41	-0.43	-90.43	-3.84	-87.02	17.20	59.35	-160.59	-50.28	-50.96	109.97
		508	7.54	-1.02	-84.99	-3.20	-82.81	13.37	-12.44	-246.84	-64.23	-195.05	97.25
		510	6.47	-5.95	-76.33	-8.63	-73.65	13.47	-28.03	-213.59	-72.93	-168.69	79.47
358	37	519	4.78	-4.79	-70.77	-8.98	-66.58	16.08	28.27	-123.73	-58.90	-36.55	75.18
		517	5.62	-0.21	-80.69	-3.48	-77.41	15.90	50.36	-134.14	-41.61	-42.17	92.25
		508	6.49	-0.70	-75.61	-2.84	-73.47	12.49	-8.56	-203.06	-52.86	-158.76	81.57
		510	5.60	-5.16	-68.63	-7.71	-66.08	12.46	-21.06	-175.20	-59.90	-136.36	66.92
359	7	520	5.39	-14.40	-84.35	-20.32	-78.42	19.47	-6.50	-154.02	-105.84	-54.68	69.18
		519	7.46	-6.48	-106.39	-14.28	-98.60	26.79	42.09	-199.06	-95.77	-61.21	119.33
		510	8.85	-7.09	-102.92	-12.21	-97.79	21.56	-39.32	-290.14	-97.39	-232.07	105.80
		511	6.97	-13.00	-85.21	-17.24	-80.98	16.97	-66.53	-229.70	-93.22	-203.01	60.36
359	31	520	4.00	-10.65	-63.07	-15.13	-58.59	14.65	-4.36	-112.59	-77.29	-39.66	50.74
		519	5.53	-4.72	-79.31	-10.63	-73.40	20.16	31.10	-145.42	-69.82	-44.50	87.35
		510	6.53	-5.18	-76.68	-9.09	-72.77	16.25	-28.00	-210.81	-70.79	-168.02	77.41
		511	5.14	-9.63	-63.69	-12.84	-60.48	12.78	-47.96	-166.47	-67.79	-146.65	44.23
359	37	520	3.57	-9.34	-57.50	-13.59	-53.25	13.65	-2.38	-94.54	-64.64	-32.28	43.15
		519	4.89	-3.88	-71.57	-9.56	-65.89	18.76	27.21	-121.78	-57.99	-36.58	73.72
		510	5.66	-4.33	-69.06	-8.14	-65.25	15.24	-21.07	-172.84	-58.13	-135.78	65.20
		511	4.47	-8.50	-57.98	-11.57	-54.91	11.93	-38.06	-135.15	-55.75	-117.46	37.48
360	7	521	3.66	-18.01	-65.63	-21.55	-62.09	12.49	-51.70	-108.60	-108.14	-52.16	5.11
		520	5.56	-12.69	-85.98	-20.74	-77.92	22.93	-6.80	-152.95	-105.47	-54.28	68.45
		511	7.05	-11.44	-86.29	-17.55	-80.18	20.49	-66.54	-228.23	-92.82	-201.95	59.66
		512	5.55	-15.11	-68.84	-18.52	-65.43	13.09	-89.24	-193.52	-89.49	-193.27	5.12
360	31	521	2.73	-13.35	-49.31	-16.06	-46.60	9.49	-37.39	-79.49	-79.13	-37.75	3.85
		520	4.13	-9.32	-64.34	-15.46	-58.21	17.32	-4.57	-111.82	-77.03	-39.37	50.21
		511	5.21	-8.42	-64.53	-13.08	-59.87	15.49	-47.98	-165.40	-67.50	-145.88	43.72
		512	4.10	-11.23	-51.68	-13.83	-49.08	9.92	-64.94	-139.61	-65.13	-139.42	3.81
360	37	521	2.46	-11.83	-45.72	-14.49	-43.06	9.12	-30.11	-67.05	-66.69	-30.46	3.61
		520	3.70	-7.97	-58.84	-13.91	-52.90	16.34	-2.56	-93.91	-64.44	-32.03	42.71
		511	4.54	-7.24	-58.89	-11.80	-54.33	14.66	-38.08	-134.24	-55.52	-116.80	37.05
		512	3.56	-10.02	-47.79	-12.55	-45.26	9.45	-53.54	-111.23	-53.74	-111.03	3.40
361	7	522	3.30	-16.73	-53.08	-17.88	-51.94	6.34	-13.06	-149.75	-103.22	-59.59	-64.77
		521	3.76	-16.19	-67.58	-21.81	-61.95	16.05	-51.27	-108.76	-108.41	-51.61	4.43

		512	5.60	-13.31	-70.30	-18.68	-64.93	16.65	-89.35	-192.93	-89.55	-192.73	4.55
		513	5.24	-13.88	-56.39	-15.95	-54.32	9.15	-69.11	-233.30	-88.10	-214.30	-52.52
361	31	522	2.45	-12.45	-40.12	-13.36	-39.21	4.93	-9.28	-109.50	-75.65	-43.14	-47.40
		521	2.81	-11.94	-50.83	-16.27	-46.50	12.23	-37.08	-79.60	-79.34	-37.35	3.35
		512	4.13	-9.83	-52.82	-13.96	-48.70	12.66	-65.02	-139.18	-65.17	-139.02	3.39
		513	3.86	-10.35	-42.59	-11.95	-40.98	7.00	-50.03	-168.86	-64.16	-154.73	-38.47
361	37	522	2.17	-11.15	-37.94	-12.15	-36.94	5.09	-6.93	-92.05	-64.14	-34.84	-39.96
		521	2.55	-10.38	-47.28	-14.71	-42.94	11.88	-29.84	-67.16	-66.89	-30.12	3.19
		512	3.60	-8.58	-48.97	-12.69	-44.87	12.20	-53.62	-110.85	-53.79	-110.68	3.04
		513	3.33	-9.35	-40.16	-10.98	-38.54	6.89	-40.38	-136.39	-53.08	-123.69	-32.53
362	7	523	4.33	-10.90	-46.14	-11.20	-45.84	3.21	43.75	-213.06	-85.88	-83.43	-128.40
		522	3.34	-15.35	-54.78	-18.09	-52.04	10.04	-11.44	-151.30	-103.46	-59.28	-66.35
		513	5.20	-12.14	-57.91	-16.06	-54.00	12.81	-68.49	-234.39	-88.19	-214.69	-53.67
		514	6.03	-9.73	-47.93	-11.06	-46.60	7.00	-40.46	-315.55	-87.47	-268.53	-103.55
362	31	523	3.20	-8.15	-35.10	-8.40	-34.85	2.59	32.39	-155.92	-62.97	-60.56	-94.15
		522	2.51	-11.37	-41.45	-13.53	-39.28	7.77	-8.09	-110.64	-75.83	-42.90	-48.56
		513	3.83	-9.00	-43.77	-12.04	-40.73	9.82	-49.57	-169.67	-64.23	-155.01	-39.31
		514	4.44	-7.29	-36.47	-8.33	-35.43	5.41	-28.86	-229.26	-63.70	-194.42	-75.95
362	37	523	2.78	-7.42	-33.92	-7.76	-33.59	2.96	28.50	-131.47	-53.50	-49.47	-79.96
		522	2.33	-10.01	-39.32	-12.35	-36.98	7.94	-5.90	-93.04	-64.30	-34.63	-40.96
		513	3.31	-7.96	-41.37	-11.08	-38.26	9.71	-39.96	-137.09	-53.13	-123.92	-33.25
		514	3.82	-6.71	-35.26	-7.80	-34.16	5.48	-21.87	-187.97	-52.71	-157.13	-64.59
363	7	524	5.31	-3.68	-39.52	-3.86	-39.35	2.50	79.34	-255.69	-51.86	-124.48	-163.53
		523	4.34	-9.97	-47.56	-11.39	-46.13	7.18	47.01	-217.40	-86.34	-84.05	-132.20
		514	5.96	-8.14	-49.41	-11.25	-46.30	10.89	-39.46	-320.58	-89.38	-270.65	-107.44
		515	7.14	-4.02	-41.12	-5.12	-40.03	6.28	-26.60	-397.15	-80.30	-343.46	-130.44
363	31	524	3.92	-2.77	-30.38	-2.92	-30.24	2.00	58.51	-187.12	-37.99	-90.62	-119.97
		523	3.23	-7.41	-36.21	-8.56	-35.06	5.64	34.79	-159.11	-63.30	-61.02	-96.94
		514	4.38	-6.06	-37.61	-8.48	-35.19	8.40	-28.10	-232.96	-65.09	-195.97	-78.80
		515	5.26	-3.04	-31.65	-3.89	-30.80	4.86	-18.72	-289.05	-58.48	-249.30	-95.74
363	37	524	3.42	-2.57	-30.33	-2.76	-30.15	2.26	50.78	-157.78	-32.17	-74.83	-102.08
		523	2.92	-6.61	-35.09	-7.94	-33.76	6.01	30.57	-134.20	-53.75	-49.88	-82.37
		514	3.76	-5.45	-36.42	-7.97	-33.90	8.47	-21.13	-191.17	-53.83	-158.46	-67.02
		515	4.54	-2.88	-31.69	-3.74	-30.82	4.92	-13.33	-238.61	-48.37	-203.57	-81.64
364	7	525	5.60	0.51	-24.94	0.50	-24.92	-0.63	94.49	-257.65	12.71	-175.86	-148.70
		524	5.64	-2.70	-41.13	-3.84	-39.99	6.50	104.55	-282.95	-48.40	-129.99	-189.41
		515	7.32	-1.90	-43.73	-4.80	-40.83	10.63	-15.07	-417.43	-82.21	-350.29	-150.02
		516	8.30	0.70	-29.05	0.70	-29.04	0.12	30.56	-446.96	3.75	-420.14	-109.93
364	31	525	4.14	0.38	-19.71	0.37	-19.70	-0.46	69.34	-188.15	9.31	-128.13	-108.87
		524	4.15	-2.00	-31.62	-2.90	-30.73	5.08	76.98	-207.10	-35.46	-94.65	-138.92
		515	5.38	-1.41	-33.64	-3.65	-31.41	8.19	-10.21	-303.98	-59.88	-254.31	-110.11
		516	6.12	0.53	-22.89	0.53	-22.89	0.11	22.57	-325.15	2.76	-305.34	-80.60
364	37	525	3.65	0.35	-21.34	0.34	-21.33	-0.40	59.05	-157.35	7.86	-106.17	-91.96
		524	3.59	-1.78	-31.59	-2.75	-30.61	5.31	66.41	-174.70	-30.02	-78.27	-118.12
		515	4.64	-1.26	-33.66	-3.50	-31.41	8.23	-5.93	-251.48	-49.57	-207.85	-93.87
		516	5.32	0.51	-24.56	0.51	-24.56	0.16	19.70	-267.87	2.37	-250.54	-68.43
365	7	526	8.73	-1.41	-129.08	-7.45	-123.03	27.12	240.44	-174.39	-63.06	129.10	183.82
		527	9.42	0.58	-137.42	-0.30	-136.55	10.95	225.29	-108.11	-16.63	133.81	148.77
		518	8.48	0.90	-121.52	0.10	-120.71	9.90	102.18	-197.43	-17.44	-77.81	146.73
		517	8.85	-0.80	-118.60	-4.64	-114.76	20.90	105.35	-246.14	-75.83	-64.95	175.66
365	31	526	6.42	-1.03	-95.88	-5.55	-91.36	20.22	174.90	-127.66	-45.99	93.24	134.31
		527	6.93	0.42	-101.89	-0.23	-101.24	8.17	163.64	-79.15	-12.12	96.61	108.54
		518	6.25	0.68	-89.97	0.07	-89.36	7.39	74.55	-144.00	-12.72	-56.73	107.03
		517	6.53	-0.57	-88.03	-3.45	-85.15	15.61	77.14	-179.68	-55.25	-47.29	128.34
365	37	526	5.52	-0.84	-85.43	-5.00	-81.28	18.28	144.06	-107.75	-38.29	74.60	112.54
		527	5.96	0.36	-90.18	-0.25	-89.57	7.41	134.02	-66.85	-10.05	77.23	90.46
		518	5.40	0.64	-79.21	0.07	-78.64	6.70	62.10	-119.83	-10.58	-47.15	89.11
		517	5.68	-0.40	-78.21	-3.07	-75.54	14.16	65.15	-150.03	-45.78	-39.09	107.54
366	8	528	6.77	-8.43	-108.04	-19.76	-96.70	31.63	166.81	-156.49	-99.59	109.91	123.12
		526	8.32	-0.84	-130.72	-8.93	-122.63	31.40	210.62	-149.46	-61.66	122.82	154.62
		517	8.61	-0.17	-120.15	-5.57	-114.75	24.87	80.38	-219.24	-73.89	-64.97	149.74
		519	7.29	-7.07	-104.45	-14.05	-97.47	25.12	44.83	-201.06	-100.39	-55.84	120.91
366	32	528	4.98	-6.19	-80.37	-14.69	-71.88	23.62	121.32	-114.67	-72.81	79.47	90.14
		526	6.13	-0.56	-97.05	-6.66	-90.96	23.48	153.33	-109.44	-45.01	88.89	113.05
		517	6.36	-0.06	-89.13	-4.14	-85.04	18.63	58.90	-160.14	-53.88	-47.36	109.47
		519	5.39	-5.19	-77.67	-10.43	-72.42	18.78	33.05	-146.94	-73.26	-40.63	88.50
366	37	528	4.31	-5.30	-71.53	-13.01	-63.82	21.24	100.90	-97.04	-61.33	65.19	76.11
		526	5.28	-0.31	-85.83	-5.95	-80.19	21.23	127.78	-92.43	-37.73	73.08	95.15
		517	5.54	0.16	-78.62	-3.67	-74.79	16.96	49.84	-134.49	-45.06	-39.59	92.12
		519	4.71	-4.41	-69.05	-9.22	-64.24	16.96	28.30	-123.55	-61.41	-33.84	74.67
367	8	529	5.29	-16.71	-81.34	-26.65	-71.40	23.32	116.77	-142.95	-122.40	96.21	70.12
		528	6.78	-7.07	-109.10	-20.73	-95.45	34.74	164.07	-154.66	-99.62	109.04	120.47
		519	7.42	-5.87	-105.07	-14.89	-96.06	28.51	42.95	-197.89	-98.96	-55.98	118.49
		520	5.35	-13.94	-83.35	-20.86	-76.43	20.79	-4.54	-153.28	-107.67	-50.16	68.58
367	32	529	3.90	-12.33	-60.72	-19.80	-53.24	17.48	84.64	-104.86	-89.68	69.47	51.44
		528	5.03	-5.13	-81.23	-15.42	-70.94	26.02	119.32	-113.33	-72.85	78.83	88.21
		519	5.49	-4.24	-78.18	-11.06	-71.36	21.40	31.68	-144.62	-72.21	-40.74	86.73

		520	3.97	-10.29	-62.19	-15.50	-56.97	15.60	-3.02	-112.09	-78.69	-36.42	50.28
367	37	529	3.39	-10.69	-54.66	-17.54	-47.81	15.95	69.84	-89.01	-75.99	56.81	43.58
		528	4.44	-4.15	-72.51	-13.70	-62.96	23.70	99.21	-95.93	-61.37	64.65	74.49
		519	4.82	-3.39	-69.67	-9.81	-63.25	19.60	27.15	-121.62	-60.55	-33.93	73.19
		520	3.50	-8.92	-55.90	-13.75	-51.07	14.27	-2.04	-94.40	-66.26	-30.18	42.51
368	8	530	4.57	-21.79	-59.50	-26.21	-55.08	12.13	91.16	-131.19	-131.00	90.97	6.54
		529	5.26	-14.56	-83.46	-27.09	-70.92	26.58	116.04	-142.66	-122.31	95.70	69.64
		520	5.51	-12.06	-84.74	-21.29	-75.50	24.20	-4.88	-152.29	-107.34	-49.82	67.86
		521	3.60	-17.67	-64.56	-21.89	-60.35	13.41	-48.97	-108.59	-108.21	-49.35	4.75
368	32	530	3.38	-16.11	-44.65	-19.48	-41.27	9.21	65.80	-96.34	-96.20	65.65	4.88
		529	3.88	-10.66	-62.37	-20.14	-52.88	20.01	84.11	-104.65	-89.63	69.09	51.09
		520	4.10	-8.83	-63.28	-15.84	-56.27	18.24	-3.26	-111.36	-78.45	-36.17	49.75
		521	2.68	-13.08	-48.39	-16.29	-45.18	10.15	-35.49	-79.50	-79.22	-35.78	3.54
368	37	530	2.96	-14.05	-40.86	-17.29	-37.63	8.73	53.80	-82.15	-82.02	53.67	4.17
		529	3.38	-8.98	-56.37	-17.89	-47.46	18.51	69.39	-88.85	-75.96	56.50	43.29
		520	3.63	-7.41	-57.05	-14.08	-50.39	16.92	-2.24	-93.80	-66.08	-29.97	42.07
		521	2.39	-11.45	-44.13	-14.51	-41.07	9.52	-29.32	-67.27	-67.04	-29.55	2.94
369	7	531	4.72	-19.87	-46.52	-20.22	-46.17	3.01	118.22	-141.23	-122.42	99.41	-67.28
		530	4.65	-19.44	-60.91	-26.22	-54.13	15.33	95.25	-131.33	-131.20	95.12	5.43
		521	3.66	-15.49	-65.29	-21.85	-58.93	16.62	-49.98	-109.12	-108.93	-50.18	3.37
		522	3.22	-16.32	-51.01	-17.71	-49.62	6.80	-12.33	-149.56	-101.19	-60.71	-65.56
369	31	531	3.49	-14.77	-35.16	-15.07	-34.86	2.47	85.40	-103.94	-90.15	71.61	-49.21
		530	3.44	-14.32	-45.84	-19.53	-40.62	11.71	68.55	-96.48	-96.38	68.45	4.12
		521	2.73	-11.41	-49.06	-16.30	-44.17	12.66	-36.14	-79.87	-79.72	-36.29	2.57
		522	2.38	-12.13	-38.53	-13.24	-37.42	5.28	-8.74	-109.37	-74.16	-43.95	-47.99
369	37	531	3.07	-13.17	-33.27	-13.61	-32.83	2.94	68.42	-89.53	-77.80	56.68	-41.42
		530	3.01	-12.35	-42.72	-17.58	-37.50	11.46	54.06	-82.55	-82.43	53.95	3.95
		521	2.47	-9.84	-45.52	-14.72	-40.63	12.27	-29.05	-67.39	-67.22	-29.21	2.50
		522	2.11	-10.83	-36.35	-12.04	-35.15	5.42	-6.46	-91.94	-62.89	-35.51	-40.49
370	7	532	5.40	-11.46	-42.84	-11.50	-42.79	-1.19	176.70	-161.40	-86.95	102.24	-140.11
		531	4.90	-18.91	-47.88	-20.53	-46.26	6.65	120.44	-142.55	-122.98	100.87	-69.01
		522	3.29	-14.73	-52.47	-17.91	-49.29	10.49	-10.64	-151.08	-101.32	-60.41	-67.18
		523	4.27	-10.53	-44.07	-10.94	-43.67	3.67	43.84	-212.75	-81.34	-87.57	-128.26
370	31	532	4.00	-8.59	-32.51	-8.61	-32.49	-0.67	128.47	-118.98	-64.21	73.70	-102.73
		531	3.63	-13.99	-36.25	-15.32	-34.91	5.28	87.03	-104.92	-90.57	72.68	-50.49
		522	2.47	-10.89	-39.67	-13.39	-37.16	8.11	-7.50	-110.49	-74.26	-43.73	-49.18
		523	3.15	-7.87	-33.52	-8.21	-33.17	2.94	32.45	-155.69	-59.65	-63.59	-94.05
370	37	532	3.52	-7.87	-31.19	-7.87	-31.19	0.07	105.60	-103.10	-56.02	58.51	-87.23
		531	3.21	-12.26	-34.46	-13.88	-32.85	5.76	69.81	-90.40	-78.18	57.59	-42.52
		522	2.28	-9.52	-37.54	-12.21	-34.85	8.26	-5.39	-92.91	-62.98	-35.32	-41.52
		523	2.73	-7.14	-32.34	-7.58	-31.90	3.31	28.56	-131.27	-50.67	-52.04	-79.91
371	7	533	5.77	-3.08	-37.44	-3.10	-37.42	-0.81	223.72	-163.77	-26.08	86.02	-185.46
		532	5.71	-11.43	-43.42	-11.66	-43.18	2.75	181.30	-163.20	-84.61	102.71	-144.56
		523	4.30	-9.40	-45.22	-11.11	-43.51	7.63	47.15	-217.00	-81.48	-88.36	-132.03
		524	5.26	-3.40	-37.44	-3.67	-37.18	2.98	78.52	-256.38	-46.58	-131.27	-162.01
371	31	533	4.27	-2.33	-28.69	-2.34	-28.68	-0.47	163.17	-120.77	-19.43	61.83	-136.04
		532	4.23	-8.51	-33.00	-8.74	-32.77	2.35	131.86	-120.32	-62.50	74.04	-106.01
		523	3.20	-6.97	-34.41	-8.35	-33.04	5.98	34.89	-158.81	-59.74	-64.18	-96.83
		524	3.88	-2.55	-28.78	-2.77	-28.56	2.37	57.91	-187.62	-34.12	-95.59	-118.86
371	37	533	3.74	-2.20	-28.36	-2.20	-28.36	0.01	135.82	-104.82	-17.49	48.50	-115.71
		532	3.74	-7.63	-31.81	-8.03	-31.41	3.08	108.53	-104.30	-54.56	58.79	-90.07
		523	2.88	-6.17	-33.30	-7.74	-31.73	6.33	30.67	-133.94	-50.72	-52.55	-82.30
		524	3.38	-2.35	-28.73	-2.62	-28.47	2.63	50.27	-158.19	-28.86	-79.06	-101.16
372	7	534	4.78	0.53	-21.97	0.52	-21.95	-0.49	211.47	-136.18	23.51	51.78	-173.25
		533	6.64	-3.05	-37.94	-3.34	-37.64	3.22	251.00	-189.18	-19.00	80.83	-214.36
		524	5.59	-2.24	-38.83	-3.63	-37.44	7.00	103.58	-283.83	-42.51	-137.75	-187.76
		525	5.54	0.83	-23.01	0.83	-23.01	-0.25	93.22	-258.63	17.22	-182.64	-144.79
372	31	534	3.52	0.39	-17.37	0.39	-17.36	-0.35	154.20	-100.16	17.22	36.83	-126.80
		533	4.91	-2.27	-29.10	-2.53	-28.84	2.62	183.19	-139.41	-14.22	58.00	-157.21
		524	4.11	-1.65	-29.86	-2.75	-28.76	5.46	76.27	-207.74	-31.13	-100.34	-137.72
		525	4.10	0.63	-18.23	0.63	-18.23	-0.17	68.40	-188.88	12.61	-133.09	-106.02
372	37	534	3.03	0.35	-18.80	0.34	-18.80	-0.27	128.24	-86.08	14.56	27.60	-106.96
		533	4.31	-2.04	-28.86	-2.40	-28.50	3.08	152.86	-120.67	-13.01	45.20	-133.63
		524	3.56	-1.42	-29.83	-2.61	-28.64	5.69	65.81	-175.23	-26.32	-83.10	-117.13
		525	3.61	0.59	-19.86	0.59	-19.85	-0.08	58.26	-157.97	10.66	-110.37	-89.59
373	7	535	11.68	-1.51	-142.42	-13.10	-130.82	38.72	397.70	-124.50	-58.19	331.38	173.87
		536	13.41	1.04	-156.60	-0.44	-155.12	15.21	399.67	-64.01	-19.78	355.44	136.21
		527	9.28	1.16	-134.45	-0.10	-133.19	13.01	224.28	-108.66	-21.88	137.50	146.16
		526	8.63	-0.92	-126.59	-7.89	-119.62	28.77	239.76	-175.00	-69.65	134.41	180.54
373	31	535	8.57	-1.09	-105.81	-9.76	-97.14	28.85	288.62	-91.26	-42.49	239.86	127.07
		536	9.85	0.77	-116.18	-0.34	-115.07	11.34	289.88	-46.91	-14.41	257.38	99.44
		527	6.82	0.87	-99.62	-0.08	-98.67	9.69	162.91	-79.56	-15.95	99.30	106.66
		526	6.34	-0.65	-93.97	-5.87	-88.75	21.45	174.40	-128.10	-50.81	97.12	131.93
373	37	535	7.29	-0.88	-94.32	-8.77	-86.43	25.97	235.56	-77.44	-35.54	193.66	106.58
		536	8.40	0.67	-103.04	-0.35	-102.02	10.23	235.98	-39.79	-11.95	208.15	83.08
		527	5.86	0.81	-87.93	-0.06	-87.06	8.74	133.40	-67.20	-13.25	79.45	88.95
		526	5.43	-0.47	-83.53	-5.25	-78.74	19.35	143.64	-108.12	-42.32	77.84	110.62

374	7	537	8.79	-10.12	-108.99	-29.98	-89.13	39.61	314.06	-132.96	-104.13	285.23	109.80
		535	11.31	-1.28	-141.72	-15.55	-127.45	42.43	374.31	-105.12	-57.19	326.38	143.81
		526	8.22	-0.19	-126.73	-9.20	-117.71	32.55	213.21	-149.87	-67.69	131.04	151.93
		528	6.69	-7.80	-104.74	-20.08	-92.46	32.24	169.97	-156.36	-104.20	117.81	119.58
374	31	537	6.44	-7.44	-81.15	-22.31	-66.28	29.58	227.41	-97.58	-76.27	206.10	80.44
		535	8.30	-0.87	-105.34	-11.60	-94.62	31.70	271.50	-77.07	-41.78	236.21	105.16
		526	6.04	-0.06	-94.12	-6.86	-87.32	24.35	155.01	-109.75	-49.38	94.65	111.08
		528	4.93	-5.72	-77.96	-14.94	-68.74	24.10	123.44	-114.59	-76.17	85.02	87.58
374	37	537	5.46	-6.37	-72.92	-20.00	-59.28	26.86	183.94	-83.19	-64.53	165.28	68.10
		535	7.07	-0.53	-94.07	-10.47	-84.13	28.83	221.11	-65.47	-34.96	190.61	88.38
		526	5.19	0.21	-83.79	-6.17	-77.41	22.25	127.41	-92.77	-41.13	75.77	93.30
		528	4.26	-4.84	-69.94	-13.37	-61.40	21.97	101.05	-97.18	-63.92	67.80	74.07
375	7	538	6.85	-19.46	-74.95	-34.83	-59.59	24.83	254.29	-146.31	-137.34	245.31	59.29
		537	8.70	-8.45	-110.13	-30.87	-87.71	42.16	310.54	-132.43	-105.13	283.24	106.52
		528	6.67	-6.27	-105.55	-21.02	-90.79	35.32	167.24	-154.52	-104.15	116.87	116.91
		529	5.22	-16.00	-78.30	-26.74	-67.57	23.53	120.78	-142.76	-125.05	103.07	65.98
375	31	538	5.01	-14.37	-56.02	-25.90	-44.48	18.64	183.52	-107.55	-100.87	176.85	43.58
		537	6.37	-6.12	-82.08	-22.98	-65.22	31.57	224.83	-97.20	-77.01	204.65	78.05
		528	4.95	-4.51	-78.62	-15.65	-67.47	26.49	121.44	-113.25	-76.13	84.33	85.64
		529	3.85	-11.80	-58.49	-19.89	-50.40	17.67	87.37	-104.74	-91.62	74.26	48.46
375	37	538	4.22	-12.51	-50.98	-23.18	-40.31	17.22	146.45	-92.22	-86.22	140.46	37.35
		537	5.41	-4.97	-73.99	-20.66	-58.30	28.93	181.75	-82.88	-65.17	164.05	66.12
		528	4.41	-3.54	-70.72	-14.05	-60.22	24.40	99.37	-96.06	-63.91	67.22	72.46
		529	3.32	-10.23	-53.15	-17.81	-45.56	16.37	70.41	-89.19	-77.60	58.82	41.41
376	7	539	6.11	-25.97	-49.47	-30.92	-44.53	9.58	229.75	-151.62	-151.55	229.67	5.45
		538	6.84	-16.70	-77.75	-35.08	-59.37	28.01	252.75	-146.27	-137.28	243.76	59.23
		529	5.19	-13.64	-80.18	-27.16	-66.67	26.77	120.06	-142.48	-124.97	102.54	65.51
		530	4.51	-21.13	-56.51	-25.96	-51.68	12.15	96.16	-131.22	-131.20	96.14	1.98
376	31	539	4.47	-19.21	-37.23	-22.99	-33.44	7.34	165.39	-111.68	-111.62	165.33	4.17
		538	5.01	-12.23	-58.18	-26.11	-44.31	21.10	182.40	-107.53	-100.84	175.70	43.54
		529	3.82	-9.97	-59.96	-20.21	-49.71	20.18	86.84	-104.55	-91.57	73.87	48.12
		530	3.33	-15.62	-42.45	-19.32	-38.74	9.25	69.21	-96.40	-96.38	69.20	1.61
376	37	539	3.77	-16.82	-34.68	-20.57	-30.94	7.27	130.57	-96.49	-96.42	130.49	4.10
		538	4.23	-10.35	-53.20	-23.41	-40.14	19.72	145.49	-92.23	-86.22	139.48	37.32
		529	3.31	-8.35	-54.68	-18.14	-44.89	18.92	69.95	-89.05	-77.59	58.49	41.13
		530	2.90	-13.68	-39.30	-17.34	-35.65	8.96	54.63	-82.45	-82.42	54.60	1.88
377	7	540	6.45	-22.68	-39.50	-22.84	-39.34	-1.62	258.30	-154.38	-145.41	249.32	-60.20
		539	6.14	-23.22	-52.54	-31.36	-44.39	13.14	229.81	-152.64	-152.55	229.72	5.97
		530	4.57	-18.72	-58.67	-26.29	-51.11	15.65	96.62	-131.83	-131.82	96.60	1.59
		531	4.66	-19.54	-44.40	-19.97	-43.96	3.27	119.58	-141.58	-120.38	98.38	-71.32
377	31	540	4.73	-16.93	-29.78	-17.00	-29.71	-0.96	186.25	-114.02	-107.43	179.66	-43.99
		539	4.49	-17.08	-39.59	-23.34	-33.33	10.09	165.43	-112.44	-112.37	165.35	4.55
		530	3.37	-13.76	-44.12	-19.58	-38.30	11.95	69.55	-96.85	-96.84	69.54	1.33
		531	3.44	-14.51	-33.53	-14.89	-33.15	2.66	86.40	-104.20	-88.65	70.86	-52.16
377	37	540	4.01	-15.26	-28.01	-15.26	-28.01	-0.07	148.06	-99.47	-93.85	142.43	-36.89
		539	3.80	-14.69	-37.05	-20.93	-30.80	10.03	130.59	-97.17	-97.08	130.50	4.43
		530	2.95	-11.78	-41.01	-17.61	-35.19	11.68	54.91	-82.86	-82.84	54.89	1.64
		531	3.02	-12.90	-31.64	-13.44	-31.10	3.13	69.27	-89.75	-76.55	56.06	-43.87
378	7	541	7.46	-10.52	-41.49	-12.11	-39.90	-6.83	334.69	-143.37	-97.83	289.16	-140.34
		540	6.58	-23.12	-39.58	-23.35	-39.35	1.94	261.35	-156.44	-147.20	252.11	-61.45
		531	4.83	-18.37	-45.52	-20.26	-43.63	6.91	121.88	-142.84	-120.80	99.83	-73.14
		532	5.34	-11.07	-40.80	-11.09	-40.78	-0.82	177.48	-161.53	-81.79	97.74	-143.78
378	31	541	5.48	-7.99	-31.30	-9.05	-30.24	-4.86	242.42	-106.27	-72.68	208.83	-102.88
		540	4.82	-17.14	-29.96	-17.40	-29.70	1.79	188.49	-115.55	-108.76	181.70	-44.91
		531	3.58	-13.57	-34.43	-15.12	-32.88	5.47	88.09	-105.14	-88.97	71.92	-53.50
		532	3.95	-8.29	-30.94	-8.30	-30.94	-0.39	129.04	-119.07	-60.43	70.40	-105.41
378	37	541	4.68	-7.60	-29.47	-8.22	-28.85	-3.63	196.29	-93.98	-64.77	167.08	-87.32
		540	4.10	-15.11	-28.52	-15.68	-27.96	2.70	149.96	-100.83	-95.04	144.16	-37.68
		531	3.15	-11.83	-32.66	-13.69	-30.80	5.95	70.71	-90.59	-76.85	56.97	-45.03
		532	3.47	-7.58	-29.61	-7.59	-29.61	0.34	106.09	-103.17	-52.80	55.73	-89.46
379	7	542	8.10	-1.75	-37.94	-2.27	-37.42	-4.31	406.82	-103.69	-5.09	308.21	-201.53
		541	7.69	-11.93	-40.81	-12.23	-40.50	-2.96	341.13	-142.41	-92.93	291.66	-146.54
		532	5.64	-10.92	-41.05	-11.25	-40.73	3.13	181.99	-163.23	-79.19	97.95	-148.15
		533	5.71	-2.76	-35.39	-2.76	-35.38	-0.36	223.06	-164.53	-19.82	78.35	-187.48
379	31	542	5.95	-1.38	-28.90	-1.73	-28.55	-3.07	295.63	-77.25	-4.39	222.77	-147.84
		541	5.66	-8.99	-30.84	-9.16	-30.67	-1.88	247.17	-105.61	-69.10	210.66	-107.45
		532	4.18	-8.13	-31.18	-8.43	-30.88	2.64	132.37	-120.34	-58.52	70.55	-108.63
		533	4.22	-2.09	-27.11	-2.09	-27.11	-0.12	162.70	-121.33	-14.83	56.20	-137.50
379	37	542	5.10	-1.45	-28.04	-1.65	-27.84	-2.33	242.54	-69.58	-5.87	178.83	-125.80
		541	4.85	-8.36	-29.22	-8.38	-29.19	-0.67	200.42	-93.54	-61.77	168.65	-91.27
		532	3.69	-7.25	-30.00	-7.75	-29.49	3.36	108.98	-104.31	-51.18	55.84	-92.25
		533	3.69	-1.96	-26.78	-1.96	-26.78	0.35	135.43	-105.28	-13.57	43.72	-116.90
380	7	543	7.28	0.59	-21.26	0.59	-21.26	-0.12	398.05	-70.20	35.71	292.15	-195.89
		542	8.69	-2.76	-37.29	-2.76	-37.29	-0.02	429.46	-118.62	7.03	303.81	-230.39
		533	6.58	-2.61	-35.64	-3.01	-35.23	3.65	250.13	-190.08	-11.99	72.05	-216.06
		534	4.73	0.89	-20.00	0.89	-19.99	-0.25	210.38	-137.19	29.21	43.97	-173.63
380	31	543	5.34	0.44	-16.72	0.44	-16.72	-0.07	289.17	-51.97	26.16	211.04	-143.35

		542	6.39	-2.09	-28.45	-2.10	-28.45	0.21	312.32	-88.27	4.54	219.52	-169.01
		533	4.87	-1.93	-27.33	-2.28	-26.99	2.95	182.56	-140.07	-9.07	51.57	-158.44
		534	3.48	0.67	-15.85	0.67	-15.85	-0.15	153.40	-100.90	21.39	31.11	-127.06
380	37	543	4.54	0.39	-17.84	0.39	-17.84	5.58e-03	236.98	-45.82	22.16	169.00	-120.84
		542	5.50	-1.99	-27.76	-2.02	-27.73	0.89	257.01	-79.19	1.86	175.96	-143.81
		533	4.26	-1.70	-27.10	-2.16	-26.64	3.40	152.34	-121.22	-8.62	39.74	-134.62
		534	2.99	0.62	-17.29	0.62	-17.29	-0.05	127.56	-86.71	18.08	22.77	-107.11
381	7	544	15.10	-0.67	-164.49	-24.08	-141.08	57.33	579.35	-81.05	-49.40	547.70	141.07
		545	18.45	1.77	-187.44	-0.82	-184.85	21.99	621.49	-36.29	-19.06	604.26	105.04
		536	13.25	1.80	-153.27	-0.18	-151.28	17.42	398.02	-64.68	-24.55	357.89	130.22
		535	11.56	-0.98	-139.93	-13.84	-127.07	40.26	396.77	-125.27	-64.37	335.86	167.59
381	31	544	11.07	-0.46	-122.24	-17.93	-104.77	42.69	420.19	-59.44	-36.13	396.88	103.14
		545	13.53	1.31	-139.13	-0.63	-137.20	16.38	450.87	-26.57	-13.89	438.18	76.78
		536	9.72	1.35	-113.63	-0.13	-112.15	12.97	288.67	-47.40	-17.90	259.16	95.11
		535	8.48	-0.69	-103.90	-10.29	-94.29	29.99	287.94	-91.82	-47.01	243.13	122.52
381	37	544	9.38	-0.27	-109.05	-16.10	-93.23	38.35	342.07	-50.55	-30.40	321.92	86.64
		545	11.52	1.15	-123.64	-0.61	-121.88	14.73	367.40	-22.47	-11.50	356.43	64.46
		536	8.28	1.24	-100.54	-0.11	-99.19	11.65	234.97	-40.21	-14.86	209.61	79.58
		535	7.20	-0.48	-92.41	-9.22	-83.68	26.96	234.98	-77.91	-39.32	196.39	102.89
382	7	546	10.51	-11.83	-111.58	-46.67	-76.75	47.55	461.96	-118.08	-108.31	452.19	74.64
		544	14.64	-1.68	-161.04	-28.88	-133.84	59.96	560.10	-71.27	-50.98	539.80	111.37
		535	11.19	-0.33	-139.09	-15.95	-123.48	43.85	373.58	-105.57	-62.03	330.04	137.71
		537	8.70	-9.32	-107.33	-30.83	-85.82	40.56	314.56	-133.31	-107.77	289.02	103.86
382	31	546	7.68	-8.70	-83.06	-34.73	-57.03	35.47	334.20	-86.72	-79.48	326.96	54.74
		544	10.73	-1.15	-119.73	-21.53	-99.35	44.74	406.09	-52.27	-37.30	391.12	81.49
		535	8.21	-0.15	-103.32	-11.88	-91.59	32.75	270.97	-77.40	-45.31	238.88	100.74
		537	6.37	-6.83	-79.87	-22.94	-63.76	30.28	227.78	-97.84	-78.94	208.88	76.14
382	37	546	6.43	-7.46	-74.55	-31.15	-50.86	32.07	269.32	-74.14	-67.71	262.89	46.55
		544	9.10	-0.70	-107.02	-19.41	-88.31	40.48	330.14	-44.46	-31.42	317.10	68.67
		535	6.98	0.18	-92.06	-10.69	-81.20	29.73	220.66	-65.75	-37.93	192.84	84.81
		537	5.39	-5.77	-71.61	-20.55	-56.83	27.47	184.25	-83.42	-66.78	167.62	64.62
383	7	547	7.87	-21.49	-68.33	-44.62	-45.19	23.42	371.79	-148.18	-146.06	369.68	33.08
		546	10.48	-10.11	-112.68	-46.81	-75.98	49.17	457.01	-118.39	-109.60	448.22	70.55
		537	8.60	-7.42	-108.09	-31.61	-83.89	43.02	311.07	-132.75	-108.65	286.97	100.57
		538	6.76	-18.72	-73.27	-35.48	-56.51	25.17	255.42	-146.86	-139.68	248.23	53.28
383	31	547	5.73	-15.88	-51.03	-33.18	-33.73	17.57	268.00	-109.10	-107.51	266.42	24.41
		546	7.65	-7.33	-83.97	-34.85	-56.45	36.76	330.58	-86.95	-80.43	324.06	51.77
		537	6.30	-5.33	-80.50	-23.53	-62.30	32.20	225.22	-97.43	-79.59	207.38	73.74
		538	4.94	-13.79	-54.72	-26.38	-42.13	18.89	184.35	-107.95	-102.59	178.99	39.22
383	37	547	4.73	-13.90	-46.32	-29.65	-30.57	16.21	212.80	-94.11	-92.63	211.32	21.21
		546	6.42	-5.98	-75.64	-31.31	-50.31	33.51	266.24	-74.34	-68.54	260.43	44.08
		537	5.33	-4.18	-72.40	-21.12	-55.46	29.48	182.07	-83.08	-67.35	166.35	62.63
		538	4.15	-11.94	-49.67	-23.60	-38.01	17.44	147.15	-92.56	-87.69	142.28	33.81
384	7	548	7.09	-28.96	-39.56	-35.15	-33.38	5.22	335.43	-164.32	-164.31	335.42	2.60
		547	7.90	-18.27	-71.90	-44.58	-45.59	26.81	369.27	-147.72	-145.50	367.06	33.75
		538	6.74	-15.70	-75.80	-35.63	-55.86	28.29	253.84	-146.79	-139.59	246.64	53.23
		539	6.03	-25.44	-47.56	-31.03	-41.97	9.61	231.22	-152.34	-152.34	231.21	-0.79
384	31	548	5.16	-21.47	-29.75	-26.12	-25.10	4.11	241.12	-121.32	-121.31	241.11	2.08
		547	5.75	-13.40	-53.78	-33.16	-34.02	20.19	266.15	-108.77	-107.11	264.49	24.89
		538	4.93	-11.46	-56.68	-26.51	-41.63	21.31	183.19	-107.91	-102.54	177.82	39.19
		539	4.41	-18.79	-35.75	-23.07	-31.47	7.37	166.46	-112.21	-112.21	166.46	-0.36
384	37	548	4.24	-18.95	-27.69	-23.29	-23.35	4.37	189.22	-105.73	-105.71	189.21	2.34
		547	4.76	-11.38	-49.11	-29.70	-30.80	18.85	211.22	-93.87	-92.33	209.68	21.62
		538	4.15	-9.58	-51.68	-23.76	-37.50	19.90	146.16	-92.55	-87.67	141.28	33.79
		539	3.70	-16.40	-33.21	-20.63	-28.98	7.29	131.47	-96.94	-96.94	131.47	0.40
385	7	549	7.86	-20.30	-36.22	-24.96	-31.57	-7.24	373.83	-170.03	-167.27	371.06	-38.70
		548	7.08	-25.43	-43.56	-35.78	-33.21	8.97	334.48	-165.51	-165.47	334.44	4.37
		539	6.05	-22.35	-50.48	-31.44	-41.40	13.15	231.30	-153.38	-153.38	231.30	-0.25
		540	6.39	-22.32	-37.45	-22.49	-37.28	-1.60	260.29	-155.20	-144.03	249.12	-67.20
385	31	549	5.73	-15.44	-26.98	-18.55	-23.87	-5.12	269.03	-125.90	-123.88	267.00	-28.21
		548	5.15	-18.75	-32.83	-26.61	-24.97	6.99	240.41	-122.20	-122.17	240.37	3.38
		539	4.42	-16.41	-38.01	-23.39	-31.03	10.10	166.52	-112.98	-112.98	166.52	0.04
		540	4.68	-16.67	-28.19	-16.74	-28.11	-0.94	187.71	-114.61	-106.42	179.52	-49.08
385	37	549	4.75	-14.79	-24.37	-16.58	-22.58	-3.73	212.14	-110.89	-109.18	210.43	-23.45
		548	4.24	-16.22	-30.76	-23.80	-23.19	7.26	188.58	-106.50	-106.46	188.54	3.45
		539	3.72	-14.02	-35.46	-20.97	-28.51	10.04	131.50	-97.63	-97.62	131.50	0.74
		540	3.96	-15.03	-26.38	-15.03	-26.38	-0.04	149.30	-99.98	-93.02	142.34	-41.08
386	7	550	9.73	-6.85	-43.29	-13.13	-37.00	-13.76	492.02	-145.60	-123.38	469.81	-116.92
		549	7.92	-23.93	-33.21	-25.87	-31.27	-3.77	376.87	-174.29	-171.67	374.26	-37.87
		540	6.51	-22.71	-37.14	-22.98	-36.87	1.95	263.58	-157.30	-145.80	252.08	-68.62
		541	7.40	-9.94	-39.69	-11.47	-38.15	-6.58	336.77	-143.87	-92.69	285.60	-148.25
386	31	550	7.11	-5.38	-32.39	-9.80	-27.98	-9.99	355.67	-108.35	-91.95	339.27	-85.69
		549	5.77	-18.16	-24.71	-19.25	-23.62	-2.44	271.25	-129.05	-127.13	269.34	-27.60
		540	4.77	-16.83	-28.08	-17.12	-27.78	1.80	190.12	-116.17	-107.74	181.69	-50.12
		541	5.44	-7.55	-29.90	-8.57	-28.88	-4.67	243.95	-106.64	-68.91	206.23	-108.64
386	37	550	5.95	-5.67	-29.68	-8.86	-26.49	-8.15	285.68	-97.17	-82.85	271.36	-72.64
		549	4.79	-17.07	-22.51	-17.27	-22.31	-1.03	214.01	-113.64	-112.03	212.40	-22.91

		540	4.05	-14.77	-26.66	-15.42	-26.00	2.71	151.35	-101.37	-94.20	144.17	-41.97
		541	4.64	-7.20	-28.03	-7.79	-27.44	-3.45	197.61	-94.29	-61.58	164.90	-92.09
387	7	551	11.30	0.72	-42.07	-1.02	-40.34	-8.44	628.07	-59.11	9.50	559.45	-206.01
		550	9.96	-9.52	-41.73	-13.19	-38.06	-10.24	502.86	-144.10	-118.48	477.25	-126.16
		541	7.63	-11.32	-38.58	-11.58	-38.32	-2.67	343.18	-142.54	-87.12	287.76	-154.42
387	31	542	8.01	-1.35	-35.90	-1.78	-35.47	-3.84	406.29	-104.50	2.27	299.53	-207.69
		551	8.27	0.42	-31.80	-0.80	-30.58	-6.15	455.73	-44.93	5.87	404.92	-151.18
		550	7.28	-7.39	-31.22	-9.86	-28.74	-7.27	363.66	-107.31	-88.39	344.73	-92.49
		541	5.61	-8.54	-29.11	-8.67	-28.98	-1.66	248.68	-105.70	-64.84	207.82	-113.19
		542	5.88	-1.07	-27.33	-1.35	-27.05	-2.72	295.25	-77.84	1.01	216.40	-152.31
387	37	551	6.97	0.02	-30.09	-0.86	-29.20	-5.10	371.70	-43.35	1.47	326.88	-128.81
		550	6.11	-7.50	-28.59	-9.00	-27.09	-5.42	292.59	-96.49	-79.95	276.04	-78.51
		541	4.80	-7.93	-27.46	-7.94	-27.45	-0.47	201.73	-93.62	-58.14	166.25	-96.02
		542	5.03	-1.15	-26.48	-1.31	-26.32	-2.00	242.25	-70.08	-1.26	173.43	-129.45
388	7	552	11.00	0.73	-22.27	0.70	-22.24	0.82	653.97	-26.77	51.08	576.12	-216.64
		551	11.62	-1.36	-40.23	-1.64	-39.94	-3.30	646.20	-54.71	32.83	558.67	-231.71
		542	8.60	-2.29	-34.93	-2.29	-34.93	0.39	428.47	-119.83	14.85	293.79	-236.02
		543	7.18	0.94	-19.32	0.94	-19.32	0.05	395.85	-71.76	42.05	282.04	-200.67
388	31	552	8.04	0.54	-17.36	0.52	-17.34	0.63	474.61	-20.05	37.45	417.12	-158.54
		551	8.51	-1.11	-30.46	-1.28	-30.29	-2.24	469.14	-41.79	23.07	404.29	-170.09
		542	6.32	-1.73	-26.64	-1.75	-26.63	0.52	311.60	-89.16	10.27	212.16	-173.10
		543	5.26	0.71	-15.23	0.71	-15.23	0.07	287.56	-53.13	30.80	203.63	-146.80
388	37	552	6.74	0.48	-18.08	0.46	-18.06	0.63	387.39	-18.44	31.79	337.16	-133.65
		551	7.19	-1.27	-29.00	-1.33	-28.93	-1.33	383.49	-40.97	16.36	326.16	-145.08
		542	5.43	-1.64	-25.96	-1.70	-25.91	1.19	256.42	-79.94	6.76	169.72	-147.13
		543	4.47	0.66	-16.34	0.65	-16.34	0.16	235.63	-46.82	26.06	162.75	-123.59
389	7	553	19.48	3.56	-202.62	-48.32	-150.74	89.47	801.69	-35.52	-29.40	795.58	71.27
		554	25.76	1.54	-243.51	-3.72	-238.25	35.53	921.22	-13.02	-10.87	919.08	44.72
		545	18.22	3.96	-182.83	0.80	-179.67	24.09	617.54	-36.18	-21.89	603.25	95.58
		544	14.99	-0.52	-162.53	-25.70	-137.36	58.69	577.58	-83.17	-55.56	549.97	132.23
389	31	553	14.28	2.72	-150.62	-35.97	-111.94	66.60	581.70	-26.12	-21.62	577.20	52.15
		554	18.90	1.12	-180.87	-2.81	-176.94	26.45	669.06	-9.52	-7.92	667.46	32.86
		545	13.37	2.97	-135.64	0.61	-133.28	17.93	447.98	-26.49	-15.95	437.44	69.93
		544	10.98	-0.34	-120.72	-19.13	-101.93	43.69	418.90	-60.99	-40.63	398.53	96.74
389	37	553	12.12	2.67	-134.56	-32.27	-99.62	59.79	474.34	-22.46	-18.54	470.42	43.97
		554	16.11	0.91	-161.10	-2.65	-157.54	23.75	547.59	-7.99	-6.56	546.16	28.12
		545	11.36	2.74	-120.29	0.61	-118.15	16.07	364.97	-22.41	-13.24	355.80	58.90
		544	9.29	-0.16	-107.53	-17.19	-90.50	39.22	340.97	-51.85	-34.17	323.29	81.46
390	7	555	11.73	-12.10	-111.66	-70.97	-52.78	48.94	608.63	-111.40	-111.40	608.62	1.17
		553	18.57	-1.98	-191.86	-59.05	-134.78	87.06	784.73	-45.88	-43.49	782.34	44.53
		544	14.56	0.26	-158.53	-28.42	-129.86	61.08	559.09	-70.65	-53.54	541.97	102.40
		546	10.44	-10.80	-111.18	-48.48	-73.50	48.60	463.05	-118.89	-111.12	455.28	66.79
390	31	555	8.54	-8.88	-83.06	-52.81	-39.14	36.46	440.28	-81.88	-81.88	440.28	0.99
		553	13.60	-1.34	-142.71	-44.02	-100.02	64.90	569.30	-33.69	-31.91	567.52	32.66
		544	10.67	0.32	-117.80	-21.16	-96.32	45.56	405.35	-51.82	-39.17	392.70	74.99
		546	7.62	-7.91	-82.72	-36.08	-54.55	36.25	335.00	-87.32	-81.54	329.22	49.06
390	37	555	7.08	-7.58	-74.39	-47.33	-34.65	32.80	354.68	-70.18	-70.18	354.68	1.27
		553	11.53	-0.76	-127.76	-39.72	-88.80	58.56	463.89	-28.75	-27.18	462.32	27.78
		544	9.03	0.70	-105.07	-19.00	-85.37	41.18	329.51	-44.08	-32.99	318.42	63.42
		546	6.37	-6.68	-74.13	-32.36	-48.46	32.75	269.98	-74.65	-69.46	264.79	41.97
391	7	556	8.85	-20.47	-59.96	-51.95	-28.48	15.88	458.09	-141.63	-141.10	457.56	-17.82
		555	11.88	-11.63	-113.24	-69.00	-55.87	50.38	600.88	-111.42	-111.41	600.87	-2.62
		546	10.38	-8.66	-110.98	-47.76	-71.89	49.72	458.24	-118.48	-111.67	451.43	62.30
		547	7.77	-20.38	-67.32	-45.64	-42.07	23.40	373.11	-149.19	-147.98	371.90	25.11
391	31	556	6.42	-15.19	-44.68	-38.60	-21.27	11.93	329.78	-104.52	-104.13	329.39	-12.90
		555	8.66	-8.45	-84.35	-51.37	-41.43	37.62	434.61	-81.91	-81.91	434.61	-1.77
		546	7.58	-6.23	-82.65	-35.55	-53.33	37.16	331.48	-87.02	-81.95	326.40	45.79
		547	5.65	-15.04	-50.24	-33.93	-31.34	17.55	268.96	-109.84	-108.92	268.04	18.64
391	37	556	5.26	-13.48	-40.25	-34.42	-19.31	11.05	260.40	-90.93	-90.62	260.09	-10.43
		555	7.20	-6.94	-75.90	-46.13	-36.71	34.16	349.90	-70.26	-70.26	349.90	-1.01
		546	6.34	-4.89	-74.29	-31.90	-47.28	33.84	266.98	-74.41	-69.83	262.41	39.25
		547	4.65	-13.06	-45.49	-30.32	-28.23	16.18	213.60	-94.73	-93.84	212.70	16.55
392	7	557	7.78	-22.05	-35.97	-35.83	-22.20	-1.43	393.22	-159.46	-159.37	393.13	-7.26
		556	8.82	-17.75	-64.10	-52.20	-29.66	20.25	455.37	-140.63	-140.21	454.96	-15.77
		547	7.78	-16.90	-70.28	-45.21	-41.97	26.64	370.54	-148.25	-146.97	369.27	25.69
		548	7.01	-27.67	-38.49	-35.23	-30.94	4.97	336.78	-165.25	-165.20	336.73	-5.27
392	31	557	5.62	-16.69	-26.67	-26.60	-16.76	-0.85	281.79	-118.09	-118.02	281.72	-5.22
		556	6.41	-13.07	-47.88	-38.81	-22.14	15.28	327.77	-103.80	-103.50	327.47	-11.41
		547	5.66	-12.35	-52.53	-33.63	-31.26	20.06	267.08	-109.16	-108.19	266.11	19.06
		548	5.09	-20.52	-28.88	-26.18	-23.23	3.91	242.10	-122.00	-121.97	242.07	-3.61
392	37	557	4.53	-15.79	-23.65	-23.65	-15.79	-0.07	218.29	-104.05	-104.00	218.24	-4.10
		556	5.26	-11.25	-43.51	-34.70	-20.06	14.37	258.67	-90.37	-90.13	258.43	-9.20
		547	4.67	-10.34	-47.84	-30.09	-28.09	18.72	211.99	-94.19	-93.25	211.05	16.90
		548	4.18	-18.11	-26.70	-23.34	-21.47	4.20	190.05	-106.31	-106.29	190.04	-2.27
393	7	558	8.58	-11.27	-37.03	-24.92	-23.38	-12.86	436.67	-176.43	-176.43	436.67	-0.25
		557	7.81	-21.46	-37.29	-36.84	-21.90	2.62	390.69	-160.30	-160.26	390.65	-4.69
		548	6.98	-23.96	-42.13	-35.79	-30.30	8.66	335.83	-166.33	-166.31	335.81	-3.48

		549	7.81	-19.21	-34.95	-24.51	-29.66	-7.44	376.32	-171.43	-167.28	372.17	-47.51
393	31	558	6.22	-8.83	-27.40	-18.50	-17.72	-9.28	313.12	-130.99	-130.99	313.12	-0.08
		557	5.65	-16.07	-27.83	-27.38	-16.52	2.26	279.92	-118.70	-118.68	279.89	-3.33
		548	5.07	-17.64	-31.70	-26.61	-22.73	6.75	241.40	-122.80	-122.79	241.38	-2.30
		549	5.69	-14.64	-25.96	-18.22	-22.38	-5.27	270.85	-126.93	-123.89	267.82	-34.61
393	37	558	5.06	-9.28	-24.10	-16.47	-16.92	-7.41	243.22	-116.48	-116.48	243.22	0.26
		557	4.56	-14.60	-25.36	-24.43	-15.53	3.02	216.64	-104.57	-104.55	216.62	-2.50
		548	4.16	-15.18	-29.55	-23.79	-20.94	7.04	189.42	-107.01	-107.01	189.41	-1.15
		549	4.70	-14.12	-23.20	-16.27	-21.05	-3.86	213.69	-111.77	-109.22	211.15	-28.65
394	7	559	11.84	-1.06	-46.89	-15.09	-32.86	-21.12	618.13	-166.20	-163.68	615.61	-44.35
		558	8.51	-14.93	-33.88	-26.36	-22.45	-9.27	435.69	-182.73	-182.70	435.66	4.60
		549	7.87	-22.78	-31.55	-25.43	-28.90	-4.03	379.76	-175.98	-172.03	375.82	-46.67
		550	9.73	-5.89	-41.95	-12.24	-35.60	-13.73	497.00	-147.40	-120.39	469.99	-129.14
394	31	559	8.62	-1.16	-34.86	-11.23	-24.80	-15.42	445.83	-123.91	-122.05	443.98	-32.44
		558	6.17	-11.66	-24.94	-19.60	-17.01	-6.51	312.39	-135.63	-135.61	312.36	3.49
		549	5.73	-17.36	-23.35	-18.93	-21.79	-2.63	273.37	-130.29	-127.41	270.49	-33.98
		550	7.10	-4.66	-31.34	-9.13	-26.87	-9.96	359.33	-109.68	-89.76	339.41	-94.58
394	37	559	7.12	-2.20	-31.20	-10.09	-23.31	-12.91	354.82	-111.83	-110.23	353.22	-27.31
		558	5.00	-12.20	-21.54	-17.52	-16.22	-4.63	242.52	-120.51	-120.48	242.49	3.35
		549	4.74	-16.60	-20.81	-16.98	-20.43	-1.20	215.80	-114.70	-112.29	213.40	-28.09
		550	5.94	-5.01	-28.55	-8.27	-25.30	-8.12	288.82	-98.31	-81.02	271.52	-79.98
395	7	560	15.64	4.26	-52.03	0.12	-47.89	-14.70	896.46	-30.28	4.77	861.41	-176.77
		559	12.18	-3.75	-45.96	-15.50	-34.21	-18.92	635.42	-174.52	-170.83	631.73	-54.55
		550	9.96	-8.52	-40.04	-12.21	-36.35	-10.13	508.66	-144.71	-113.66	477.61	-139.01
		551	11.22	1.33	-40.04	-0.22	-38.50	-7.84	629.03	-59.64	18.49	550.89	-218.41
395	31	560	11.41	3.01	-39.01	0.02	-36.02	-10.80	650.11	-24.18	1.81	624.12	-129.82
		559	8.87	-3.25	-34.08	-11.57	-25.76	-13.69	458.54	-130.12	-127.40	455.82	-39.94
		550	7.28	-6.64	-29.89	-9.14	-27.40	-7.20	367.93	-107.77	-84.85	345.01	-101.85
		551	8.21	0.88	-30.24	-0.20	-29.16	-5.70	456.46	-45.33	12.48	398.65	-160.20
395	37	560	9.52	2.19	-35.90	-0.19	-33.51	-9.23	528.99	-26.97	-3.88	505.91	-110.91
		559	7.33	-4.31	-30.23	-10.49	-24.06	-11.04	365.70	-117.46	-115.09	363.33	-33.76
		550	6.10	-6.83	-27.18	-8.36	-25.66	-5.36	296.26	-96.89	-76.95	276.32	-86.26
		551	6.90	0.47	-28.54	-0.31	-27.76	-4.69	372.40	-43.70	7.12	321.57	-136.25
396	7	561	16.44	1.25	-23.74	0.87	-23.37	3.04	1025.32	18.13	74.41	969.05	-231.32
		560	15.81	0.80	-49.25	-0.17	-48.28	-6.89	921.75	13.36	57.97	877.15	-196.29
		551	11.50	-0.68	-37.73	-0.89	-37.51	-2.82	645.19	-56.30	41.54	547.35	-243.03
		552	10.84	1.04	-20.41	0.99	-20.36	0.96	647.36	-29.90	57.27	560.19	-226.80
396	31	561	11.99	0.92	-18.38	0.65	-18.11	2.27	744.54	13.04	54.60	702.98	-169.32
		560	11.54	0.46	-36.97	-0.20	-36.31	-4.93	668.74	7.82	40.99	635.58	-144.30
		551	8.42	-0.59	-28.54	-0.72	-28.42	-1.88	468.43	-42.97	29.47	395.99	-178.32
		552	7.92	0.78	-15.92	0.75	-15.89	0.74	469.77	-22.36	41.97	405.45	-165.89
396	37	561	9.99	0.79	-18.74	0.57	-18.52	2.05	609.00	10.21	46.49	572.71	-142.87
		560	9.64	-8.65e-03	-34.20	-0.43	-33.77	-3.79	545.12	0.20	29.92	515.39	-123.75
		551	7.10	-0.78	-27.11	-0.82	-27.07	-1.00	382.95	-41.99	21.85	319.11	-151.83
		552	6.63	0.73	-16.62	0.69	-16.59	0.76	383.30	-20.45	35.59	327.27	-139.59
397	7	562	25.35	21.44	-264.54	-109.46	-133.65	142.48	1109.26	-27.80	33.38	1103.68	-77.46
		563	38.94	-15.00	-374.42	-33.43	-355.99	79.28	1398.51	-9.43	-5.79	1394.87	-71.49
		554	25.38	16.71	-232.38	11.94	-227.60	34.16	910.04	3.19	4.15	909.08	29.45
		553	19.53	0.21	-208.19	-56.93	-151.05	92.97	797.06	-52.59	-47.68	792.14	64.42
397	31	562	18.61	16.10	-196.67	-81.43	-99.13	106.02	805.95	19.96	24.06	801.86	-56.57
		563	28.61	-11.43	-278.44	-25.23	-264.64	59.11	1017.29	-6.94	-4.31	1014.66	-51.81
		554	18.63	12.60	-172.49	9.05	-168.94	25.39	660.89	2.35	3.07	660.17	21.76
		553	14.32	0.18	-154.80	-42.49	-112.13	69.23	578.31	-38.61	-34.97	574.67	47.23
397	37	562	15.87	14.92	-175.71	-72.93	-87.86	95.02	660.69	15.60	19.09	657.21	-47.31
		563	24.49	-11.10	-249.05	-23.72	-236.43	53.34	837.78	-5.99	-3.89	835.68	-42.02
		554	15.87	11.83	-153.25	8.66	-150.09	22.64	540.76	2.03	2.70	540.09	19.00
		553	12.15	0.24	-138.41	-38.49	-99.68	62.21	471.47	-32.94	-29.73	468.26	40.08
398	7	564	14.45	-5.91	-98.78	-91.42	-13.26	25.08	754.22	-127.38	-103.62	730.46	-142.78
		562	22.91	-1.39	-241.50	-134.95	-107.94	119.29	1074.10	-56.07	-49.22	1067.25	-87.71
		553	18.66	3.69	-188.36	-53.38	-131.29	87.76	786.91	-36.26	-35.06	785.71	31.44
		555	11.67	-10.33	-117.05	-77.94	-49.44	51.42	610.22	-117.90	-117.85	610.16	-6.40
398	31	564	10.54	-4.25	-73.33	-67.92	-9.66	18.56	546.07	-93.81	-76.31	528.57	-104.38
		562	16.79	-0.84	-179.83	-100.71	-79.96	88.89	780.23	-41.28	-36.25	775.21	-64.02
		553	13.67	2.94	-139.99	-39.70	-97.35	65.39	570.89	-26.65	-25.75	569.99	23.17
		555	8.50	-7.54	-87.11	-58.05	-36.60	38.32	441.43	-86.64	-86.60	441.39	-4.48
398	37	564	8.77	-3.35	-65.18	-60.53	-8.00	16.30	441.43	-81.02	-65.88	426.29	-87.64
		562	14.24	-0.14	-161.60	-91.20	-70.54	80.07	639.04	-35.58	-31.31	634.78	-53.46
		553	11.57	3.25	-124.95	-35.55	-86.15	58.90	465.21	-22.83	-22.00	464.39	20.05
		555	7.07	-6.27	-78.15	-52.20	-32.22	34.52	355.60	-74.20	-74.18	355.58	-3.09
399	7	565	9.76	-13.32	-49.83	-49.81	-13.33	0.74	505.66	-124.64	-108.16	489.17	-100.59
		564	13.46	-11.76	-106.06	-90.18	-27.64	35.29	737.06	-125.90	-103.91	715.08	-135.97
		555	11.75	-9.66	-110.93	-70.19	-50.40	49.65	605.31	-109.72	-109.44	605.03	-14.10
		556	9.03	-18.80	-60.53	-53.41	-25.91	15.69	458.56	-144.72	-143.51	457.34	-27.03
399	31	565	7.08	-9.97	-36.97	-36.96	-9.99	0.63	363.57	-92.54	-80.32	351.35	-73.66
		564	9.81	-8.56	-78.94	-67.09	-20.41	26.34	533.50	-92.78	-76.59	517.31	-99.38
		555	8.56	-6.95	-82.56	-52.24	-37.28	37.06	437.84	-80.66	-80.46	437.65	-10.09
		556	6.56	-13.91	-45.09	-39.69	-19.31	11.79	330.11	-106.78	-105.90	329.23	-19.56

399	37	565	5.75	-9.13	-32.81	-32.78	-9.16	0.81	285.65	-82.32	-71.48	274.80	-62.24
		564	8.14	-7.06	-70.84	-60.11	-17.79	23.85	430.80	-80.33	-66.34	416.80	-83.40
		555	7.09	-5.47	-74.08	-46.83	-32.72	33.57	352.58	-69.19	-69.05	352.44	-7.76
		556	5.38	-12.23	-40.58	-35.42	-17.39	10.94	260.66	-92.83	-92.12	259.96	-15.78
400	7	566	7.62	-8.59	-33.97	-29.40	-13.17	-9.75	389.46	-128.24	-126.28	387.50	-31.84
		565	9.69	-13.64	-53.00	-51.89	-14.75	6.51	503.84	-127.71	-112.60	488.73	-96.50
		556	8.96	-15.75	-62.86	-52.69	-25.92	19.38	457.21	-140.31	-139.18	456.08	-25.89
		557	7.90	-19.83	-36.01	-35.79	-20.05	-1.87	393.61	-160.70	-160.26	393.18	-15.56
400	31	566	5.49	-6.74	-25.09	-21.80	-10.03	-7.04	277.48	-95.59	-94.11	276.00	-23.45
		565	7.02	-10.15	-39.43	-38.54	-11.04	5.03	362.20	-94.80	-83.59	350.99	-70.68
		556	6.51	-11.54	-46.91	-39.17	-19.28	14.63	329.11	-103.56	-102.74	328.30	-18.74
		557	5.71	-14.98	-26.69	-26.57	-15.10	-1.17	282.07	-119.00	-118.68	281.76	-11.21
400	37	566	4.35	-7.14	-21.89	-19.31	-9.72	-5.61	209.63	-86.21	-84.81	208.24	-20.27
		565	5.70	-9.08	-35.36	-34.33	-10.11	5.11	284.37	-84.28	-74.31	274.40	-59.80
		556	5.36	-9.77	-42.49	-34.99	-17.27	13.75	259.79	-90.14	-89.49	259.13	-15.11
		557	4.61	-14.11	-23.63	-23.61	-14.12	-0.37	218.52	-104.82	-104.58	218.27	-8.89
401	7	567	8.22	-0.85	-35.41	-20.18	-16.08	-17.16	418.51	-159.24	-155.61	414.89	45.63
		566	7.59	-11.05	-32.49	-31.00	-12.54	-5.46	385.81	-128.63	-126.89	384.07	-29.86
		557	7.93	-18.94	-36.90	-36.68	-19.15	1.96	391.34	-160.59	-160.27	391.02	-13.31
		558	8.53	-9.72	-36.20	-24.30	-21.62	-13.17	438.55	-178.15	-178.02	438.42	-8.88
401	31	567	5.93	-1.07	-26.15	-14.98	-12.25	-12.47	297.82	-118.74	-116.06	295.14	33.34
		566	5.46	-8.57	-23.99	-23.02	-9.54	-3.74	274.77	-95.86	-94.55	273.46	-22.01
		557	5.74	-14.17	-27.49	-27.25	-14.40	1.76	280.39	-118.91	-118.68	280.16	-9.56
		558	6.18	-7.64	-26.75	-18.04	-16.35	-9.51	314.50	-132.26	-132.17	314.41	-6.31
401	37	567	4.72	-2.33	-22.83	-13.29	-11.88	-10.23	223.82	-107.25	-104.87	221.44	27.96
		566	4.33	-8.75	-20.97	-20.50	-9.23	-2.35	207.26	-86.42	-85.17	206.02	-19.07
		557	4.65	-12.83	-24.87	-24.30	-13.40	2.56	217.02	-104.72	-104.55	216.85	-7.49
		558	5.02	-8.15	-23.39	-16.05	-15.49	-7.62	244.36	-117.58	-117.52	244.30	-4.72
402	7	568	13.03	4.22	-46.87	-17.04	-25.60	-25.18	659.66	-201.44	-189.45	647.66	100.93
		567	7.92	-4.60	-31.65	-21.45	-14.80	-13.11	408.08	-163.67	-159.23	403.64	50.17
		558	8.43	-12.96	-33.10	-25.89	-20.17	-9.66	437.26	-183.85	-183.83	437.24	-3.46
		559	11.93	0.20	-45.97	-14.25	-31.52	-21.41	626.88	-171.85	-167.75	622.78	-57.07
402	31	568	9.46	2.74	-34.71	-12.65	-19.31	-18.42	473.89	-150.34	-141.43	464.97	74.06
		567	5.71	-3.96	-23.26	-15.94	-11.28	-9.37	290.14	-122.01	-118.72	286.84	36.68
		558	6.10	-10.15	-24.34	-19.24	-15.25	-6.81	313.53	-136.45	-136.44	313.52	-2.31
		559	8.68	-0.21	-34.13	-10.61	-23.74	-15.64	452.25	-128.07	-125.06	449.25	-41.67
402	37	568	7.73	1.19	-30.60	-11.25	-18.16	-15.52	370.95	-136.20	-128.23	362.98	63.08
		567	4.51	-5.24	-19.93	-14.24	-10.93	-7.16	217.18	-110.10	-107.18	214.25	30.82
		558	4.94	-10.71	-20.89	-17.20	-14.41	-4.90	243.47	-121.18	-121.18	243.47	-1.25
		559	7.16	-1.30	-30.38	-9.52	-22.16	-13.09	360.29	-115.42	-112.86	357.72	-34.82
403	7	569	21.54	6.92	-71.98	-3.34	-61.72	-26.54	1202.38	-62.19	-61.35	1201.54	-32.58
		568	13.46	3.82	-46.96	-19.96	-23.18	-25.34	670.36	-249.12	-235.78	657.01	109.96
		559	12.34	-2.34	-45.45	-14.56	-33.22	-19.43	648.37	-179.02	-173.25	642.60	-68.86
		560	15.75	5.35	-50.16	1.59	-46.41	-13.95	910.34	-31.79	13.97	864.59	-202.52
403	31	569	15.70	4.94	-53.56	-2.56	-46.06	-19.55	871.57	-48.19	-47.56	870.94	-24.07
		568	9.77	2.30	-34.62	-14.83	-17.49	-18.41	481.71	-185.54	-175.63	471.79	80.72
		559	8.98	-2.18	-33.64	-10.88	-24.95	-14.07	468.05	-133.43	-129.18	463.81	-50.34
		560	11.50	3.83	-37.58	1.12	-34.87	-10.24	660.36	-25.32	8.57	626.48	-148.62
403	37	569	13.04	3.76	-48.00	-2.53	-41.72	-16.90	707.87	-49.27	-48.69	707.29	-21.01
		568	7.98	0.36	-30.04	-13.24	-16.44	-15.11	377.51	-166.85	-158.01	368.66	68.83
		559	7.42	-3.33	-29.64	-9.88	-23.08	-11.38	373.82	-120.29	-116.65	370.18	-42.25
		560	9.58	2.97	-34.48	0.81	-32.31	-8.74	537.93	-28.03	1.88	508.02	-126.62
404	7	570	26.04	1.43	-23.72	0.09	-22.38	5.64	1700.83	93.73	124.89	1669.67	-221.59
		569	22.19	-1.97	-69.55	-3.91	-67.61	-11.31	1291.86	60.14	61.83	1290.17	-45.68
		560	15.74	2.84	-46.87	1.97	-46.00	-6.50	926.04	15.79	72.78	869.06	-220.51
		561	16.03	1.87	-21.84	1.28	-21.25	3.69	998.89	10.13	76.23	932.79	-246.95
404	31	570	19.00	1.01	-18.33	0.06	-17.39	4.17	1237.48	68.71	91.71	1214.48	-162.32
		569	16.18	-1.59	-51.80	-2.98	-50.41	-8.24	937.21	41.68	42.97	935.91	-34.04
		560	11.48	1.97	-35.15	1.38	-34.56	-4.64	671.96	9.59	51.90	629.65	-161.97
		561	11.69	1.39	-16.90	0.97	-16.48	2.75	725.13	7.15	55.91	676.38	-180.63
404	37	570	15.83	0.75	-18.62	0.03	-17.90	3.66	1020.01	58.29	78.33	999.98	-137.36
		569	13.43	-1.83	-46.58	-2.90	-45.51	-6.84	763.69	27.60	28.88	762.41	-30.65
		560	9.58	1.32	-32.40	0.95	-32.03	-3.54	548.09	1.67	39.37	510.39	-138.49
		561	9.72	1.25	-17.23	0.91	-16.88	2.50	592.45	5.14	47.54	550.05	-152.00
405	8	571	32.88	141.62	-269.39	-254.92	127.16	75.74	1680.08	243.21	431.97	1491.32	-485.38
		572	76.71	-176.54	-1002.87	-438.91	-740.49	384.67	2344.54	-331.16	-296.43	2309.81	-302.83
		563	38.72	158.98	-318.67	158.06	-317.74	21.03	1353.65	218.75	231.57	1340.82	-119.98
		562	29.27	22.04	-401.34	-199.24	-180.06	211.48	1055.88	-158.60	-157.47	1054.76	-36.89
405	32	571	24.22	106.07	-198.80	-188.63	95.91	54.74	1225.06	176.61	315.11	1086.56	-355.01
		572	56.59	-132.61	-748.67	-330.49	-550.80	287.66	1709.52	-242.54	-217.35	1684.33	-220.31
		563	28.52	119.96	-236.25	119.32	-235.61	15.15	985.86	160.03	169.40	976.49	-87.44
		562	21.59	16.50	-299.48	-149.22	-133.76	157.80	768.03	-116.24	-115.43	767.22	-26.81
405	37	571	20.91	96.25	-172.38	-164.87	88.75	44.27	1025.23	146.36	263.96	907.63	-299.21
		572	49.07	-121.24	-672.41	-304.58	-489.07	259.69	1429.62	-205.27	-184.51	1408.86	-183.05
		563	24.63	111.27	-207.58	110.81	-207.12	12.12	822.60	134.97	142.85	814.73	-73.16
		562	18.73	14.93	-268.57	-135.31	-118.33	141.50	639.00	-98.36	-97.68	638.33	-22.31
406	7	573	18.03	13.06	-72.40	-67.46	8.12	-19.95	919.91	-158.41	18.99	742.52	-399.78

		571	28.84	1.54	-240.93	-224.49	-14.89	60.95	1378.08	-273.65	-195.10	1299.53	-351.52
		562	22.58	5.92	-227.52	-137.25	-84.35	113.68	1132.42	32.25	46.42	1118.24	-124.07
		564	15.20	-8.37	-110.36	-102.08	-16.65	27.86	733.39	-190.88	-167.66	710.17	-144.65
406	31	573	13.19	10.09	-53.71	-49.91	6.29	-15.10	667.83	-117.38	13.28	537.17	-292.45
		571	21.14	1.31	-179.35	-167.21	-10.83	45.23	1002.48	-200.75	-143.12	944.84	-256.95
		562	16.52	4.65	-168.94	-102.25	-62.04	84.43	822.91	23.27	33.65	812.52	-90.55
		564	11.09	-6.12	-82.11	-75.93	-12.30	20.77	530.73	-140.23	-123.15	513.65	-105.68
406	37	573	11.09	10.23	-47.64	-43.84	6.43	-14.34	545.79	-103.76	9.19	432.84	-246.19
		571	17.95	1.69	-161.02	-150.42	-8.91	40.16	825.76	-170.86	-121.76	776.67	-215.68
		562	13.92	4.97	-150.30	-92.02	-53.31	75.18	675.05	18.54	27.35	666.24	-75.54
		564	9.25	-5.16	-73.56	-67.97	-10.74	18.73	428.20	-119.98	-105.28	413.50	-88.54
407	7	574	10.25	2.90	-39.34	-30.09	-6.35	-17.47	533.96	-96.12	-16.02	453.86	-209.90
		573	16.69	-2.56	-86.00	-85.68	-2.88	-5.14	829.60	-196.19	-79.74	713.15	-325.42
		564	13.74	-7.60	-103.06	-91.07	-19.59	31.64	758.75	-105.36	-73.48	726.87	-162.89
		565	9.96	-12.49	-51.35	-51.34	-12.50	0.51	496.65	-143.93	-125.18	477.91	-107.97
407	31	574	7.44	2.08	-29.09	-22.21	-4.80	-12.93	384.24	-72.91	-13.19	324.53	-154.05
		573	12.18	-1.79	-63.77	-63.53	-2.03	-3.80	601.41	-145.08	-59.23	515.56	-238.15
		564	10.02	-5.39	-76.64	-67.75	-14.29	23.56	549.38	-77.74	-54.29	525.93	-118.99
		565	7.23	-9.33	-38.10	-38.09	-9.34	0.47	356.97	-106.68	-92.81	343.10	-78.98
407	37	574	6.11	1.62	-25.52	-19.35	-4.54	-11.37	303.10	-69.92	-15.85	249.03	-131.33
		573	10.16	-1.26	-56.45	-56.25	-1.46	-3.34	488.70	-127.23	-52.76	414.24	-200.81
		564	8.33	-4.01	-68.56	-60.66	-11.91	21.16	444.19	-67.62	-47.43	424.01	-99.61
		565	5.89	-8.47	-33.81	-33.79	-8.49	0.72	280.02	-94.31	-82.11	267.82	-66.47
408	7	575	6.28	7.63	-28.41	-12.20	-8.58	-17.93	333.44	-66.72	-50.71	317.44	-78.42
		574	10.29	-1.21	-40.94	-36.22	-5.93	-12.86	513.39	-133.99	-64.88	444.28	-199.91
		565	9.80	-10.60	-51.92	-51.33	-11.19	4.91	510.15	-119.34	-98.76	489.58	-111.93
		566	7.74	-6.87	-34.05	-29.46	-11.47	-10.19	385.86	-134.45	-131.62	383.03	-38.27
408	31	575	4.50	5.33	-20.97	-9.04	-6.60	-13.10	235.41	-51.27	-39.02	223.16	-57.98
		574	7.46	-1.11	-30.20	-26.80	-4.52	-9.35	368.95	-100.62	-49.09	317.42	-146.76
		565	7.11	-7.83	-38.61	-38.12	-8.32	3.82	366.85	-88.65	-73.42	351.62	-81.89
		566	5.58	-5.41	-25.13	-21.83	-8.71	-7.36	274.83	-100.17	-98.06	272.72	-28.08
408	37	575	3.51	3.69	-18.28	-8.01	-6.59	-10.96	170.94	-51.34	-39.05	158.65	-50.81
		574	6.08	-1.67	-26.25	-23.54	-4.37	-7.69	289.42	-93.28	-46.60	242.74	-125.24
		565	5.78	-6.83	-34.52	-33.94	-7.41	3.96	288.40	-79.01	-65.58	274.97	-68.94
		566	4.44	-5.80	-21.87	-19.30	-8.37	-5.89	207.36	-90.20	-88.27	205.42	-23.91
409	7	576	6.48	9.44	-28.38	-7.32	-11.63	-18.79	304.79	-103.29	-93.30	294.80	63.07
		575	6.24	3.10	-25.78	-15.34	-7.34	-13.87	325.96	-79.51	-66.07	312.51	-72.61
		566	7.68	-8.39	-32.07	-30.17	-10.28	-6.42	385.92	-127.73	-124.46	382.65	-40.86
		567	8.09	0.62	-34.36	-19.64	-14.11	-17.27	417.50	-156.64	-153.52	414.37	42.25
409	31	576	4.63	6.62	-20.96	-5.45	-8.89	-13.68	212.55	-77.96	-70.58	205.17	45.71
		575	4.46	1.86	-18.91	-11.39	-5.66	-9.98	229.83	-60.71	-50.40	219.53	-53.74
		566	5.53	-6.53	-23.66	-22.41	-7.79	-4.47	274.87	-95.17	-92.73	272.43	-29.97
		567	5.83	0.06	-25.34	-14.56	-10.72	-12.55	297.06	-116.89	-114.56	294.73	30.97
409	37	576	3.55	4.67	-18.28	-4.90	-8.71	-11.32	145.33	-73.40	-66.92	138.85	37.09
		575	3.45	0.25	-16.10	-10.14	-5.71	-7.87	165.88	-59.49	-49.11	155.49	-47.25
		566	4.40	-6.73	-20.63	-19.94	-7.42	-3.02	207.40	-85.70	-83.47	205.17	-25.48
		567	4.63	-1.22	-22.00	-12.89	-10.33	-10.31	223.10	-105.83	-103.72	220.99	26.28
410	7	577	12.44	6.59	-40.57	-11.65	-22.33	-22.96	541.17	-260.87	-174.87	455.18	248.14
		576	5.92	6.25	-23.37	-9.61	-7.51	-14.77	297.39	-89.86	-74.96	282.49	74.49
		567	7.97	-2.80	-31.83	-20.73	-13.90	-14.11	405.89	-174.07	-170.80	402.62	43.44
		568	12.88	5.44	-44.12	-16.27	-22.41	-24.59	665.73	-192.69	-181.32	654.36	98.13
410	31	577	9.01	4.57	-29.98	-8.63	-16.78	-16.79	385.03	-194.92	-130.97	321.08	181.66
		576	4.21	4.13	-17.12	-7.17	-5.82	-10.61	207.15	-68.34	-57.29	196.10	54.06
		567	5.73	-2.57	-23.36	-15.41	-10.53	-10.11	288.54	-129.59	-127.15	286.10	31.88
		568	9.35	3.66	-32.63	-12.08	-16.89	-17.99	478.31	-144.00	-135.53	469.83	72.13
410	37	577	7.30	3.04	-26.23	-7.61	-15.57	-14.09	289.31	-177.50	-120.06	231.88	153.34
		576	3.17	2.08	-14.50	-6.47	-5.95	-8.29	140.89	-65.99	-56.12	131.02	44.10
		567	4.53	-3.84	-19.92	-13.76	-10.01	-7.82	215.85	-116.38	-114.15	213.62	27.14
		568	7.63	2.08	-28.63	-10.72	-15.83	-15.14	374.61	-131.08	-123.41	366.94	61.82
411	7	578	29.98	12.30	-105.56	-5.41	-87.85	-42.11	1401.91	-394.73	-268.35	1275.53	459.45
		577	10.74	18.61	-30.17	-20.82	9.26	-19.20	511.83	-252.69	-126.36	385.50	283.95
		568	14.16	5.33	-48.03	-18.05	-24.65	-26.48	682.10	-278.46	-259.64	663.29	133.11
		569	22.23	2.91	-68.19	-8.09	-57.19	-25.71	1266.83	-91.25	-85.50	1261.08	-88.21
411	31	578	21.87	8.92	-78.11	-4.06	-65.13	-31.00	1015.05	-293.96	-200.40	921.49	337.23
		577	7.77	13.26	-22.14	-15.41	6.52	-13.89	363.76	-189.76	-95.68	269.67	207.91
		568	10.28	3.47	-35.40	-13.43	-18.50	-19.27	490.42	-207.08	-193.05	476.39	97.92
		569	16.20	1.99	-50.67	-6.04	-42.64	-18.93	918.99	-69.76	-65.49	914.72	-64.84
411	37	578	18.23	7.26	-68.61	-3.75	-57.60	-26.72	820.72	-264.37	-181.93	738.28	287.51
		577	6.28	10.01	-18.88	-13.56	4.69	-11.20	272.14	-175.96	-91.03	187.21	175.63
		568	8.42	1.54	-30.64	-12.02	-17.07	-15.89	385.24	-185.27	-172.56	372.52	84.21
		569	13.46	1.23	-45.20	-5.47	-38.49	-16.32	748.63	-68.43	-64.63	744.83	-55.59
412	7	579	52.63	-0.25	-56.97	-27.37	-29.84	-28.33	3636.51	434.42	434.66	3636.27	27.63
		578	26.18	-48.42	-90.73	-52.56	-86.59	12.58	1452.75	-247.85	-161.55	1366.45	373.25
		569	22.77	9.79	-75.24	5.00	-70.46	-19.60	1358.58	168.37	172.01	1354.94	-65.72
		570	24.81	12.63	-24.42	5.63	-17.43	14.50	1574.34	14.69	46.22	1542.81	-219.49
412	31	579	38.49	-0.68	-42.72	-20.36	-23.05	-20.97	2655.89	319.25	319.42	2655.71	20.30
		578	19.04	-35.69	-67.19	-38.79	-64.10	9.38	1051.26	-186.51	-122.96	987.70	273.18

		569	16.60	7.01	-55.94	3.53	-52.46	-14.39	986.29	121.44	124.19	983.55	-48.63
		570	18.09	9.27	-18.68	4.25	-13.66	10.73	1144.49	10.64	33.82	1121.32	-160.44
412	37	579	32.34	-2.14	-39.40	-18.22	-23.32	-18.46	2221.78	273.44	273.60	2221.62	17.36
		578	15.67	-30.92	-59.20	-33.73	-56.39	8.46	847.96	-173.86	-118.96	793.06	230.40
		569	13.78	5.40	-49.98	2.53	-47.11	-12.28	805.91	96.64	99.22	803.32	-42.75
		570	15.05	7.96	-18.40	4.00	-14.44	9.42	940.25	8.61	28.49	920.37	-134.64
413	7	580	53.49	364.78	-58.84	276.24	29.69	-172.24	1046.64	-1992.73	-1988.06	1041.97	-119.09
		1361	58.27	189.17	-204.25	-197.80	182.73	-49.94	3914.72	1232.61	3303.02	1844.32	-1125.38
		572	108.07	-496.50	-1117.09	-658.97	-954.63	272.82	4125.07	-338.79	147.64	3638.65	-1390.95
		571	41.55	320.24	-431.80	-421.74	310.18	86.37	1343.93	431.38	560.84	1214.47	-318.41
413	31	580	39.01	267.53	-46.89	199.53	21.11	-129.45	761.66	-1454.88	-1451.47	758.24	-86.94
		1361	42.34	139.62	-144.97	-140.11	134.76	-36.87	2854.29	893.38	2408.82	1338.85	-821.64
		572	79.25	-376.92	-828.01	-495.89	-709.04	198.78	3011.78	-247.27	108.22	2656.30	-1015.96
		571	30.58	239.15	-317.36	-309.68	231.47	64.91	976.93	312.89	408.08	881.75	-232.69
413	37	580	32.50	227.79	-52.25	159.73	15.81	-120.12	628.30	-1215.53	-1212.66	625.44	-72.63
		1361	34.73	121.55	-107.72	-103.13	116.96	-32.12	2372.36	725.19	2003.82	1093.74	-686.46
		572	67.37	-361.52	-732.03	-462.11	-631.44	164.78	2516.57	-206.32	91.80	2218.45	-850.22
		571	26.35	217.13	-271.99	-264.46	209.59	60.25	802.45	254.74	336.45	720.73	-195.14
414	7	581	15.68	150.42	21.12	136.23	35.32	-40.42	664.27	-302.44	-243.84	605.67	-230.69
		1362	22.90	79.05	-121.00	-39.67	-2.29	-98.26	1052.65	42.07	391.15	703.57	-480.54
		571	32.94	1.61	-213.84	-207.62	-4.62	36.09	1653.47	-442.73	-174.49	1385.24	-700.23
		573	19.72	7.17	-148.10	-145.61	4.68	-19.51	911.12	-179.43	73.79	657.90	-460.47
414	31	581	11.35	109.44	14.40	98.34	25.50	-30.53	481.33	-221.37	-177.73	437.69	-169.59
		1362	16.79	59.15	-88.45	-27.87	-1.43	-72.61	767.01	28.03	284.17	510.87	-351.68
		571	24.18	1.52	-159.15	-154.91	-2.73	25.78	1204.15	-324.51	-128.02	1007.65	-511.62
		573	14.38	5.44	-108.13	-106.29	3.60	-14.35	661.84	-133.63	53.06	475.14	-337.12
414	37	581	9.14	90.39	8.53	78.56	20.36	-28.78	390.46	-186.87	-147.53	351.13	-145.47
		1362	14.28	54.09	-74.28	-19.77	-0.41	-63.45	635.92	14.73	232.87	417.78	-296.52
		571	20.64	2.51	-142.90	-140.17	-0.21	19.70	996.20	-275.28	-108.98	829.91	-428.71
		573	11.97	5.20	-90.36	-88.75	3.59	-12.31	542.17	-120.26	41.71	380.21	-284.70
415	7	582	8.52	77.67	-7.66	62.38	7.64	-32.73	375.48	-167.85	-131.69	339.32	-135.43
		1363	11.97	31.18	-67.98	-23.47	-13.33	-49.32	615.10	73.45	232.05	456.50	-246.48
		573	17.93	-2.76	-71.29	-70.58	-3.46	-6.90	907.98	-271.13	-46.42	683.28	-463.09
		574	11.73	0.10	-66.48	-60.81	-5.58	-18.59	559.36	-119.80	2.03	437.53	-260.58
415	31	582	6.14	56.71	-6.01	45.38	5.32	-24.13	267.05	-125.09	-97.65	239.61	-100.03
		1363	8.74	23.14	-49.65	-16.57	-9.94	-36.24	445.19	49.44	167.69	326.94	-181.15
		573	13.11	-1.67	-52.94	-52.38	-2.24	-5.35	659.46	-200.26	-34.79	493.99	-338.93
		574	8.53	-0.05	-48.67	-44.46	-4.26	-13.68	403.25	-91.01	-0.17	312.40	-191.43
415	37	582	4.88	47.40	-6.38	37.40	3.63	-20.93	200.50	-113.02	-86.46	173.94	-87.30
		1363	7.32	20.58	-41.59	-12.04	-8.97	-31.04	359.63	27.52	134.52	252.64	-155.20
		573	11.04	-0.29	-47.15	-46.50	-0.95	-5.49	539.88	-174.87	-31.98	396.99	-285.86
		574	7.04	-0.42	-41.09	-37.34	-4.16	-11.76	320.53	-87.78	-5.50	238.26	-163.78
416	7	583	5.87	58.63	-7.51	49.97	1.16	-22.32	213.26	-91.15	-82.01	204.12	-51.95
		1364	6.70	27.40	-40.09	0.78	-13.48	-32.98	335.33	45.51	112.90	267.94	-122.43
		574	10.86	-0.60	-32.73	-27.65	-5.68	-11.72	546.21	-168.50	-42.66	420.37	-272.22
		575	6.96	3.47	-41.30	-30.20	-7.63	-19.33	331.87	-63.17	-37.65	306.35	-97.10
416	31	583	4.20	42.84	-5.69	36.54	0.61	-16.31	145.82	-69.49	-62.28	138.60	-38.76
		1364	4.86	19.98	-29.37	0.77	-10.16	-24.06	238.24	28.69	80.54	186.39	-90.42
		574	7.90	-0.56	-24.16	-20.46	-4.25	-8.58	393.60	-126.41	-32.77	299.96	-199.82
		575	5.01	2.30	-30.31	-22.16	-5.84	-14.11	234.50	-49.10	-29.54	214.94	-71.86
416	37	583	3.25	35.90	-5.44	30.71	-0.25	-13.69	90.27	-67.98	-59.78	82.08	-35.07
		1364	3.99	16.64	-24.86	1.30	-9.52	-20.04	178.80	8.26	61.18	125.88	-78.90
		574	6.51	-0.85	-21.05	-17.99	-3.91	-7.24	312.31	-116.82	-32.63	228.11	-170.42
		575	3.98	1.19	-25.81	-18.88	-5.74	-11.79	171.09	-51.04	-31.33	151.38	-63.17
417	7	584	5.23	46.53	-6.67	41.59	-1.73	-15.45	141.18	-84.95	-77.60	133.82	40.10
		1365	3.48	23.38	-28.61	8.20	-13.43	-23.64	174.60	47.19	49.70	172.08	-17.72
		575	6.07	3.80	-20.50	-9.12	-7.57	-12.12	321.35	-83.03	-54.60	292.92	-103.38
		576	6.24	5.64	-36.17	-20.99	-9.54	-20.10	305.13	-95.61	-76.23	285.75	85.98
417	31	584	3.73	34.03	-5.05	30.47	-1.49	-11.24	90.89	-65.11	-59.62	85.39	28.75
		1365	2.41	16.93	-21.01	6.06	-10.14	-17.15	116.73	31.92	34.20	114.45	-13.72
		575	4.35	2.45	-15.04	-6.80	-5.79	-8.73	226.82	-63.64	-41.94	205.12	-76.37
		576	4.45	3.85	-26.56	-15.44	-7.27	-14.64	212.79	-72.47	-58.13	198.44	62.34
417	37	584	2.87	28.61	-4.79	25.80	-1.97	-9.28	36.71	-64.57	-59.39	31.53	22.31
		1365	1.66	13.73	-17.99	5.32	-9.58	-14.00	64.07	17.18	21.82	59.43	-13.99
		575	3.39	0.98	-12.80	-6.15	-5.67	-6.89	164.66	-63.31	-41.77	143.13	-66.67
		576	3.40	2.36	-22.69	-13.28	-7.04	-12.13	145.57	-69.27	-56.56	132.87	50.67
418	7	585	7.25	23.45	-14.49	16.60	-7.64	-14.59	207.00	-225.34	-119.78	101.44	185.73
		1366	4.91	14.65	-24.17	3.19	-12.71	-17.71	194.72	-38.99	15.21	140.52	98.63
		576	5.98	4.74	-22.71	-5.04	-12.93	-13.15	279.64	-91.62	-73.93	261.96	79.07
		577	13.65	9.73	-40.64	-18.81	-12.10	-24.96	604.98	-298.74	-140.00	446.24	343.88
418	31	585	5.23	17.10	-10.76	12.16	-5.82	-10.64	138.90	-171.01	-91.22	59.12	135.50
		1366	3.48	10.52	-17.77	2.37	-9.62	-12.81	131.22	-33.05	8.69	89.48	71.52
		576	4.26	3.12	-16.68	-3.79	-9.77	-9.44	194.13	-69.57	-56.45	181.01	57.34
		577	9.90	6.88	-29.90	-13.85	-9.17	-18.24	432.19	-223.29	-105.46	314.36	251.70
418	37	585	4.21	14.23	-9.59	10.28	-5.64	-8.86	77.75	-165.12	-88.41	1.05	112.90
		1366	2.60	8.25	-15.25	2.12	-9.12	-10.31	76.33	-44.52	-0.53	32.34	58.15
		576	3.21	1.51	-14.29	-3.54	-9.24	-7.37	129.86	-66.91	-55.14	118.09	46.66

		577	8.10	5.05	-25.74	-11.96	-8.74	-15.31	330.66	-203.62	-98.60	225.64	212.32
419	7	586	18.38	-0.73	-90.11	-83.84	-7.00	-22.84	642.25	-695.44	-290.74	237.54	614.48
		1367	9.51	11.49	-30.19	-8.60	-10.10	-20.82	400.15	-183.34	-12.88	229.69	265.34
		577	12.45	-11.36	-43.70	-14.59	-40.48	-9.69	504.27	-329.77	-138.34	312.84	350.74
		578	33.13	70.72	-67.66	7.07	-4.01	-68.97	1659.01	-437.77	-168.51	1389.75	701.48
419	31	586	13.42	-0.76	-66.27	-61.65	-5.38	-16.78	454.97	-519.54	-218.21	153.64	450.39
		1367	6.86	8.20	-22.16	-6.25	-7.71	-15.16	279.98	-140.75	-12.47	151.70	193.69
		577	9.02	-8.58	-32.27	-10.81	-30.04	-6.91	358.87	-246.72	-104.28	216.43	256.85
		578	24.20	51.82	-50.03	5.12	-3.33	-50.75	1204.01	-326.21	-127.21	1005.01	514.70
419	37	586	11.26	-1.38	-56.93	-52.94	-5.37	-14.34	335.88	-473.04	-201.52	64.36	381.99
		1367	5.50	6.26	-18.92	-5.14	-7.52	-12.54	195.90	-141.25	-20.35	75.00	161.70
		577	7.32	-8.07	-28.18	-9.55	-26.69	-5.26	270.21	-225.85	-97.73	142.09	217.12
		578	20.27	43.91	-43.86	4.16	-4.10	-43.69	982.69	-294.03	-119.82	808.48	438.26
420	8	40	362.35	52.01	-356.21	-245.99	-58.21	-181.23	2.398e+04	1308.23	6644.79	1.865e+04	9618.78
		1368	155.12	-5.13	-239.90	-124.11	-120.92	117.38	-2817.17	-1.137e+04	-3994.60	-1.019e+04	-2945.95
		578	71.31	59.89	-154.48	-42.67	-51.92	-107.09	3722.79	-703.51	1407.27	1612.01	2210.78
		579	100.88	128.00	-86.22	74.15	-32.37	92.93	657.65	-5813.67	-3019.69	-2136.32	-3205.37
420	32	40	266.32	37.52	-262.11	-180.64	-43.94	-133.31	1.762e+04	954.92	4884.02	1.369e+04	7073.88
		1368	114.35	-3.87	-176.74	-91.25	-89.36	86.43	-2078.75	-8380.56	-2943.77	-7515.54	-2168.63
		578	52.36	43.88	-113.80	-31.47	-38.45	-78.76	2727.46	-524.37	1031.60	1171.50	1624.41
		579	74.19	93.81	-64.23	54.26	-24.68	68.45	474.41	-4281.75	-2219.38	-1587.96	-2357.03
420	37	40	228.14	30.41	-225.05	-154.08	-40.56	-114.43	1.508e+04	804.34	4183.83	1.170e+04	6067.95
		1368	98.67	-3.30	-152.30	-77.97	-77.63	74.50	-1798.71	-7235.80	-2539.00	-6495.52	-1864.66
		578	44.74	37.12	-97.93	-27.22	-33.59	-67.45	2318.43	-464.50	877.90	976.03	1390.60
		579	63.65	79.49	-57.11	45.80	-23.42	58.89	388.04	-3686.64	-1901.13	-1397.47	-2021.72
421	7	589	15.41	145.31	-184.92	-23.36	-16.24	-165.08	31.63	-62.12	-36.27	5.79	41.89
		984	12.53	250.22	55.80	245.88	60.15	28.73	-53.73	-321.11	-78.82	-296.02	-77.97
		587	40.46	-604.29	-769.72	-645.57	-728.45	-71.58	539.77	95.91	102.69	532.99	-54.44
		588	18.92	228.91	-195.01	-143.38	177.28	138.64	1.23	-68.34	-67.64	0.53	-6.95
421	31	589	11.59	108.19	-138.24	-17.81	-12.25	-123.18	12.77	-59.33	-31.11	-15.45	35.19
		984	9.27	185.50	40.29	182.31	43.48	21.30	-44.96	-258.70	-58.55	-245.10	-52.16
		587	29.81	-449.59	-573.47	-481.49	-541.58	-54.16	372.16	68.69	74.26	366.59	-40.73
		588	13.94	169.66	-145.55	-107.15	131.26	103.09	-15.88	-51.15	-50.89	-16.13	-2.97
421	37	589	10.83	97.12	-125.92	-17.30	-11.50	-111.48	-11.07	-106.41	-40.97	-76.51	44.23
		984	9.01	164.04	32.18	161.29	34.93	18.85	-48.98	-301.56	-52.17	-298.37	-28.22
		587	25.78	-402.54	-516.30	-434.98	-483.86	-51.36	241.10	52.12	59.76	233.46	-37.21
		588	12.39	149.88	-131.82	-97.49	115.56	92.15	-46.50	-67.78	-47.41	-66.87	4.30
422	8	588	14.83	97.98	-208.75	-192.77	82.00	68.17	113.52	-17.69	-16.66	112.50	-11.55
		587	40.72	-286.71	-898.19	-480.67	-704.23	284.57	103.95	-86.61	-39.14	56.48	82.42
		590	20.94	285.91	-190.27	251.16	-155.52	-123.86	48.84	30.10	31.21	47.72	4.44
		591	23.33	13.58	-442.03	-135.84	-292.61	213.90	62.29	-55.33	-25.26	32.21	51.31
422	32	588	10.88	72.54	-155.05	-143.42	60.91	50.11	68.24	-15.09	-14.45	67.59	-7.30
		587	30.41	-213.54	-668.94	-358.55	-523.93	212.15	64.01	-65.53	-28.07	26.54	58.73
		590	15.50	213.24	-141.67	187.34	-115.77	-92.32	26.53	21.06	22.23	25.35	2.25
		591	17.40	9.69	-329.15	-101.35	-218.12	159.05	38.06	-42.95	-19.39	14.49	36.79
422	37	588	9.33	63.50	-136.95	-127.28	53.82	42.97	27.94	-17.19	-16.84	27.59	-3.94
		587	27.23	-190.05	-595.32	-320.23	-465.14	189.24	32.20	-62.43	-22.71	-7.52	46.70
		590	13.99	190.37	-126.21	167.30	-103.15	-82.29	17.65	2.16	17.65	2.16	-0.15
		591	15.51	7.53	-292.70	-90.57	-194.60	140.81	18.13	-42.48	-18.25	-6.09	29.69
423	7	591	12.47	25.81	-225.27	-19.70	-179.76	96.72	90.28	-16.80	-9.43	82.91	27.11
		590	11.82	-31.33	-226.35	-31.60	-226.08	-7.26	87.07	-7.40	2.29	77.39	28.66
		592	7.79	26.26	-126.07	24.02	-123.82	-18.34	53.76	-0.08	6.16	47.51	17.24
		593	8.06	-6.29	-155.30	-21.72	-139.87	45.41	61.33	-18.80	-10.14	52.67	24.88
423	31	591	9.17	18.91	-167.99	-14.67	-134.41	71.75	55.02	-14.33	-8.37	49.07	19.43
		590	8.62	-23.45	-168.86	-23.65	-168.66	-5.41	52.45	-6.02	1.56	44.88	19.64
		592	5.71	19.63	-94.41	17.96	-92.74	-13.71	32.13	-0.35	4.25	27.53	11.32
		593	5.93	-4.95	-116.00	-16.25	-104.71	33.57	37.69	-14.69	-8.28	31.28	17.16
423	37	591	8.20	16.03	-151.72	-13.17	-122.52	63.60	13.05	-20.93	-11.81	3.93	15.06
		590	7.18	-21.46	-152.71	-21.64	-152.52	-4.89	12.70	-11.85	0.93	-0.07	12.26
		592	4.84	17.87	-86.52	16.35	-85.00	-12.49	6.88	-4.26	2.76	-0.14	5.38
		593	5.21	-5.30	-105.38	-14.83	-95.84	29.38	9.39	-16.18	-9.75	2.96	11.09
424	7	593	8.21	6.08	-150.47	-7.95	-136.43	44.73	61.17	-16.24	-9.51	54.45	21.80
		592	7.49	-0.58	-134.74	-1.39	-133.94	-10.35	54.78	-2.35	3.44	48.99	17.24
		594	5.17	4.52	-93.24	3.92	-92.64	-7.65	29.17	-2.28	2.59	24.31	11.37
		595	5.71	-1.34	-107.32	-5.37	-103.29	20.27	34.21	-12.81	-8.31	29.71	13.83
424	31	593	6.04	4.32	-112.48	-5.94	-102.23	33.05	37.50	-12.85	-7.84	32.48	15.08
		592	5.49	-0.45	-100.94	-1.05	-100.34	-7.75	32.82	-1.96	2.36	28.51	11.47
		594	3.82	3.38	-70.20	2.93	-69.75	-5.74	17.48	-1.63	1.72	14.12	7.27
		595	4.23	-1.14	-80.49	-4.02	-77.61	14.86	20.95	-9.56	-6.57	17.96	9.07
424	37	593	5.23	3.21	-102.46	-5.39	-93.86	28.90	8.97	-14.76	-9.45	3.65	9.89
		592	4.64	-0.46	-92.59	-1.01	-92.05	-7.07	6.90	-5.07	1.47	0.36	5.96
		594	3.36	3.07	-65.51	2.66	-65.10	-5.29	3.27	-2.28	0.91	0.08	2.75
		595	3.73	-1.43	-74.17	-3.69	-71.91	12.61	4.51	-8.69	-7.12	2.95	4.26
425	7	595	5.89	-0.15	-110.21	-4.97	-105.39	22.52	34.15	-12.63	-8.74	30.26	12.91
		594	5.27	1.08	-97.11	0.78	-96.81	-5.42	29.30	-2.28	2.06	24.96	10.87
		596	3.81	1.58	-74.67	1.38	-74.47	-3.90	8.14	-4.64	1.36	2.14	6.38
		597	4.45	-1.58	-87.52	-2.78	-86.32	10.08	8.73	-9.78	-7.21	6.17	6.40

425	31	595	4.37	-0.26	-82.72	-3.72	-79.25	16.55	20.89	-9.45	-6.86	18.30	8.47
		594	3.90	0.79	-73.14	0.57	-72.91	-4.07	17.55	-1.63	1.38	14.54	6.98
		596	2.88	1.18	-56.56	1.03	-56.41	-2.94	4.90	-2.85	0.88	1.16	3.87
		597	3.35	-1.26	-65.95	-2.09	-65.12	7.29	5.24	-6.71	-5.38	3.91	3.76
425	37	595	3.86	-0.66	-76.38	-3.41	-73.64	14.16	4.40	-8.64	-7.27	3.03	4.00
		594	3.44	0.69	-68.34	0.48	-68.13	-3.75	3.26	-2.28	0.76	0.23	2.76
		596	2.73	1.08	-53.84	0.95	-53.70	-2.75	0.81	-0.77	0.37	-0.33	0.71
		597	3.11	-1.36	-61.76	-1.93	-61.18	5.86	1.37	-4.88	-4.88	1.37	0.19
426	7	597	4.59	-1.96	-90.47	-3.60	-88.83	11.92	8.65	-9.72	-7.40	6.32	6.11
		596	3.94	0.74	-77.67	0.67	-77.60	-2.35	8.17	-4.63	1.12	2.41	6.37
		598	3.55	0.96	-64.71	0.92	-64.67	-1.67	1.04	-19.32	0.61	-18.89	2.90
		599	4.09	-2.02	-78.65	-2.26	-78.41	4.24	-5.96	-16.78	-6.32	-16.43	1.92
426	36	597	3.44	-1.70	-68.62	-2.65	-67.68	7.89	0.60	-6.06	-5.41	-0.05	-1.97
		596	3.03	0.52	-59.96	0.47	-59.91	-1.85	0.63	-1.81	0.18	-1.36	-0.94
		598	2.65	0.71	-51.08	0.67	-51.04	-1.38	5.66	-0.34	0.06	5.26	-1.49
		599	3.08	-1.64	-60.54	-1.73	-60.45	2.30	6.25	-3.31	-2.02	4.96	-3.26
426	37	597	3.21	-1.66	-64.00	-2.50	-63.17	7.16	1.26	-4.86	-4.86	1.25	0.06
		596	2.82	0.48	-56.09	0.43	-56.04	-1.65	0.80	-0.80	0.34	-0.35	0.72
		598	2.42	0.68	-47.89	0.65	-47.86	-1.22	0.30	-0.54	0.16	-0.40	-0.31
		599	2.81	-1.57	-56.60	-1.64	-56.53	1.95	0.69	-3.30	-2.52	-0.10	-1.59
427	7	599	4.23	-2.57	-81.61	-3.00	-81.18	5.85	-5.89	-16.88	-6.32	-16.45	2.13
		598	3.67	0.73	-67.24	0.73	-67.24	-0.15	1.35	-19.37	0.75	-18.77	3.48
		600	3.62	0.39	-60.91	0.39	-60.91	-0.57	-0.37	-38.00	-0.37	-38.00	0.07
		601	4.23	-3.65	-76.37	-3.66	-76.36	-0.46	-7.16	-36.48	-7.16	-36.48	-0.06
427	35	599	3.18	-2.07	-61.53	-2.23	-61.37	3.07	10.49	-2.72	-1.04	8.81	-4.40
		598	2.78	0.54	-52.34	0.54	-52.34	-0.16	10.43	-0.81	-0.14	9.77	-2.65
		600	2.80	0.24	-48.89	0.23	-48.88	-0.61	23.67	0.44	0.49	23.62	-1.03
		601	3.15	-2.87	-58.45	-2.91	-58.41	-1.54	21.52	2.74	3.15	21.12	-2.73
427	37	599	2.91	-1.99	-58.88	-2.16	-58.71	3.10	0.58	-3.26	-2.42	-0.27	-1.59
		598	2.51	0.51	-49.81	0.51	-49.81	-0.09	0.28	-0.59	0.15	-0.46	-0.31
		600	2.34	0.25	-46.30	0.25	-46.30	-0.50	1.22	-0.07	0.14	1.01	-0.48
		601	2.73	-2.74	-55.82	-2.78	-55.78	-1.36	1.27	-1.58	-0.49	0.18	-1.38
428	21	601	4.36	-5.62	-82.85	-5.81	-82.67	-3.74	26.75	4.44	4.89	26.30	-3.13
		600	3.85	5.26	-64.72	5.01	-64.47	4.14	30.49	-2.46	-2.22	30.26	-2.75
		45	4.52	-8.77	-80.14	-10.97	-77.93	-12.35	50.92	6.64	6.96	50.59	3.76
		602	3.84	-14.65	-69.48	-14.73	-69.40	-2.08	48.79	10.62	10.66	48.75	-1.25
428	35	601	3.32	-4.29	-62.94	-4.44	-62.79	-2.99	21.00	3.53	3.86	20.67	-2.38
		600	2.95	4.01	-49.33	3.82	-49.15	3.16	23.91	-1.92	-1.74	23.73	-2.12
		45	3.47	-6.70	-61.24	-8.39	-59.55	-9.45	39.73	5.17	5.43	39.47	2.95
		602	2.93	-11.13	-52.75	-11.20	-52.68	-1.65	38.16	8.30	8.33	38.13	-0.97
428	37	601	2.91	-4.10	-60.18	-4.24	-60.04	-2.76	1.13	-1.35	-0.36	0.14	-1.21
		600	2.46	3.80	-46.85	3.61	-46.66	3.09	1.21	-0.36	-0.11	0.96	-0.58
		45	2.82	-6.35	-57.95	-7.96	-56.35	-8.96	4.72	0.67	0.67	4.72	0.07
		602	2.35	-10.63	-50.49	-10.69	-50.43	-1.45	3.31	0.81	0.83	3.28	-0.24
429	7	604	5.84	66.77	-48.41	23.20	-4.84	-55.86	100.11	13.07	18.64	94.54	21.31
		985	7.34	143.88	1.39	110.21	35.07	-60.53	68.11	7.73	7.87	67.97	2.89
		588	10.72	6.62	-184.60	-184.60	6.61	-0.92	67.28	-50.60	-50.39	67.06	5.01
		603	3.30	33.29	-23.95	-21.89	31.23	-10.66	68.75	-9.68	-5.13	64.20	18.33
429	31	604	4.35	49.93	-36.54	17.07	-3.68	-41.97	61.26	4.99	11.20	55.05	17.63
		985	5.47	106.82	0.32	81.34	25.80	-45.44	34.33	2.89	3.48	33.75	4.26
		588	7.85	4.47	-137.84	-137.83	4.47	-0.80	32.38	-39.51	-39.10	31.97	5.38
		603	2.29	24.60	-18.47	-16.84	22.97	-8.22	38.71	-10.18	-5.31	33.85	14.63
429	37	604	4.01	45.50	-34.39	14.69	-3.57	-38.89	22.60	-20.27	1.55	0.78	21.43
		985	5.01	94.97	-2.01	70.79	22.18	-41.96	0.24	-27.87	-4.45	-23.18	10.49
		588	6.71	2.57	-125.03	-125.02	2.57	-1.07	-22.50	-45.85	-40.15	-28.20	10.03
		603	2.01	21.50	-18.60	-16.82	19.72	-8.26	4.71	-28.08	-9.52	-13.84	16.25
430	8	603	4.75	42.76	-55.12	-49.07	36.72	-23.56	37.33	-24.07	-21.09	34.35	13.19
		588	12.20	0.40	-226.06	-204.87	-20.79	65.95	38.24	-44.31	-43.48	37.41	8.26
		591	12.38	18.82	-229.45	-92.50	-118.14	123.47	72.13	-24.82	-17.23	64.55	26.04
		605	7.64	11.65	-127.55	-104.03	-11.87	52.16	47.10	-40.59	-36.51	43.02	18.48
430	32	603	3.42	31.63	-41.38	-36.76	27.01	-17.78	17.49	-20.13	-16.93	14.29	10.50
		588	9.00	-0.23	-168.29	-152.60	-15.92	48.89	14.95	-34.10	-33.20	14.05	6.59
		591	9.21	13.65	-170.63	-68.84	-88.14	91.63	43.71	-19.82	-13.92	37.81	18.43
		605	5.61	8.10	-94.81	-77.45	-9.27	38.54	26.20	-30.97	-27.71	22.95	13.25
430	37	603	2.90	27.72	-37.60	-33.11	23.23	-16.51	-2.24	-24.65	-17.22	-9.68	10.55
		588	7.85	-1.47	-149.49	-135.76	-15.20	42.94	-12.64	-33.38	-30.96	-15.07	6.66
		591	8.17	11.25	-151.28	-61.13	-78.90	80.78	19.17	-20.56	-14.44	13.05	14.34
		605	4.82	5.73	-83.82	-68.84	-9.25	33.42	5.80	-29.03	-25.41	2.17	10.64
431	8	605	6.99	18.31	-110.51	-90.59	-1.61	46.58	53.10	-35.58	-32.46	49.98	16.35
		591	12.88	7.76	-247.57	-86.99	-152.82	123.35	54.66	-29.51	-21.44	46.59	24.78
		593	8.03	15.69	-145.37	1.86	-131.54	45.11	40.44	-17.30	-11.79	34.92	16.97
		606	6.80	3.14	-129.29	-55.32	-70.82	65.76	44.35	-32.73	-30.03	41.65	14.17
431	32	605	5.12	13.03	-82.11	-67.45	-1.63	34.35	30.62	-27.44	-24.90	28.08	11.87
		591	9.62	5.41	-184.34	-64.79	-114.13	91.61	31.33	-23.31	-16.79	24.81	17.71
		593	5.92	11.56	-108.46	1.42	-98.32	33.37	23.74	-13.50	-9.39	19.62	11.67
		606	5.05	1.85	-96.18	-41.17	-53.16	48.64	26.73	-24.74	-22.80	24.78	9.82
431	37	605	4.37	9.98	-72.53	-59.98	-2.58	29.63	9.56	-26.25	-23.30	6.62	9.84

		591	8.61	3.89	-164.01	-57.65	-102.47	80.91	9.87	-24.05	-16.45	2.27	14.14
		593	5.15	9.97	-97.17	1.34	-88.54	29.16	8.55	-13.37	-9.47	4.64	8.39
		606	4.45	0.30	-85.28	-36.59	-48.40	42.38	11.06	-22.50	-20.88	9.44	7.21
432	7	606	5.67	-0.56	-110.37	-48.58	-62.34	54.47	64.06	-28.72	-26.93	62.27	12.78
		593	8.05	2.62	-150.59	-19.93	-128.03	54.28	60.19	-16.71	-11.76	55.24	18.86
		595	5.84	3.50	-107.33	-2.09	-101.73	24.27	33.64	-12.13	-8.96	30.47	11.62
		607	5.06	-6.77	-96.42	-25.93	-77.26	36.75	38.91	-23.65	-23.13	38.39	5.71
432	31	606	4.21	-0.98	-82.28	-36.21	-47.05	40.29	39.84	-21.99	-20.70	38.55	8.84
		593	5.93	1.72	-112.59	-14.86	-96.00	40.26	36.77	-13.14	-9.48	33.11	13.02
		595	4.33	2.51	-80.53	-1.55	-76.46	17.91	20.60	-9.14	-7.04	18.51	7.61
		607	3.74	-5.41	-72.09	-19.32	-58.18	27.09	24.59	-17.76	-17.48	24.30	3.47
432	37	606	3.79	-2.64	-74.27	-32.63	-44.28	35.34	10.93	-21.72	-20.67	9.88	5.77
		593	5.19	0.84	-102.60	-13.42	-88.35	35.66	8.08	-14.57	-10.80	4.30	8.44
		595	3.83	1.96	-74.29	-1.37	-70.96	15.58	4.43	-8.56	-7.49	3.37	3.57
		607	3.28	-5.99	-65.73	-17.40	-54.32	23.48	8.29	-16.53	-16.51	8.27	0.65
433	7	607	5.02	-8.03	-95.83	-27.25	-76.61	36.30	38.59	-23.40	-23.14	38.32	4.05
		595	5.92	0.33	-110.61	-7.05	-103.24	27.64	33.60	-12.37	-9.70	30.94	10.74
		597	4.53	-0.14	-88.24	-2.33	-86.04	13.73	8.25	-9.37	-7.80	6.69	5.01
		608	4.21	-9.69	-83.32	-15.76	-77.25	20.25	11.63	-18.54	-18.42	11.51	-1.88
433	31	607	3.71	-6.37	-71.71	-20.30	-57.77	26.77	24.35	-17.59	-17.46	24.22	2.34
		595	4.39	0.11	-83.03	-5.26	-77.66	20.43	20.56	-9.32	-7.55	18.79	7.05
		597	3.40	-0.17	-66.50	-1.74	-64.93	10.08	5.06	-6.57	-5.79	4.27	2.92
		608	3.15	-7.44	-62.58	-11.76	-58.27	14.81	7.84	-13.72	-13.53	7.65	-2.01
433	37	607	3.26	-6.90	-65.59	-18.28	-54.21	23.21	8.10	-16.42	-16.41	8.10	-0.05
		595	3.89	-0.30	-76.71	-4.74	-72.26	17.89	4.34	-8.73	-7.82	3.43	3.33
		597	3.16	-0.37	-62.27	-1.59	-61.05	8.60	1.58	-5.13	-5.13	1.58	0.06
		608	2.88	-7.36	-57.99	-10.64	-54.70	12.47	4.82	-12.40	-11.56	3.97	-3.72
434	8	608	4.37	-10.93	-87.25	-17.55	-80.63	21.48	9.53	-18.98	-18.29	8.83	-4.40
		597	4.73	-1.16	-93.03	-3.97	-90.22	15.81	5.34	-8.58	-8.11	4.87	2.53
		599	4.10	-1.71	-80.95	-2.40	-80.25	7.38	-5.64	-9.25	-5.69	-9.20	-0.43
		609	3.81	-10.41	-80.16	-11.81	-78.76	9.78	-4.24	-17.33	-12.46	-9.11	-6.33
434	32	608	3.27	-8.35	-65.44	-13.08	-60.72	15.73	6.50	-14.09	-13.40	5.81	-3.71
		597	3.55	-0.94	-69.97	-2.96	-67.95	11.64	3.19	-6.15	-5.98	3.02	1.26
		599	3.06	-1.33	-61.09	-1.81	-60.61	5.36	-3.43	-5.17	-3.86	-4.74	-0.75
		609	2.85	-7.88	-60.30	-8.84	-59.34	7.02	-1.42	-12.18	-8.71	-4.89	-5.03
434	37	608	2.95	-8.05	-59.69	-11.69	-56.04	13.23	4.65	-12.37	-11.33	3.61	-4.08
		597	3.25	-1.04	-64.37	-2.67	-62.74	10.02	1.47	-5.13	-5.13	1.47	-0.08
		599	2.83	-1.35	-56.80	-1.69	-56.45	4.39	0.66	-3.28	-2.63	0.01	-1.46
		609	2.67	-7.40	-55.51	-8.03	-54.87	5.49	2.32	-9.37	-6.52	-0.53	-5.02
435	7	609	3.94	-11.04	-81.07	-12.77	-79.35	10.86	-9.75	-19.45	-13.61	-15.60	-4.75
		599	4.24	-1.71	-81.78	-2.80	-80.69	9.29	-6.43	-16.18	-6.63	-15.98	1.38
		601	4.16	-4.73	-75.63	-4.80	-75.57	2.19	-7.45	-36.18	-7.45	-36.18	-0.16
		610	4.12	-11.18	-77.27	-11.36	-77.09	3.43	-10.49	-38.51	-10.89	-38.11	-3.33
435	36	609	3.01	-8.47	-61.62	-9.41	-60.68	7.01	6.94	-9.25	-5.67	3.36	-6.72
		599	3.20	-1.47	-62.87	-2.09	-62.25	6.18	5.81	-3.05	-1.97	4.73	-2.90
		601	3.02	-3.84	-58.77	-3.85	-58.76	0.85	12.13	1.15	1.50	11.77	-1.95
		610	2.89	-8.58	-59.03	-8.64	-58.98	1.69	9.74	-2.25	-0.30	7.79	-4.43
435	37	609	2.75	-8.02	-57.63	-8.82	-56.83	6.25	2.17	-9.33	-6.25	-0.91	-5.09
		599	2.93	-1.41	-58.93	-1.98	-58.36	5.71	0.55	-3.26	-2.55	-0.15	-1.48
		601	2.68	-3.64	-55.19	-3.65	-55.18	0.70	1.13	-1.40	-0.53	0.26	-1.20
		610	2.61	-8.09	-55.30	-8.13	-55.26	1.32	0.94	-5.85	-2.33	-2.57	-3.39
436	7	610	4.26	-12.02	-80.29	-12.19	-80.11	3.42	-10.59	-38.86	-10.81	-38.64	-2.48
		601	4.27	-4.70	-77.94	-5.01	-77.63	4.80	-7.45	-35.71	-7.47	-35.69	0.76
		602	4.14	-13.75	-73.68	-13.89	-73.54	-2.94	-10.71	-54.68	-10.71	-54.68	-0.04
		611	4.31	-14.85	-77.69	-15.05	-77.48	3.59	-10.52	-53.92	-10.52	-53.92	-0.40
436	35	610	3.05	-9.01	-60.06	-9.04	-60.03	1.21	17.92	0.56	1.91	16.56	-4.66
		601	3.17	-3.89	-59.44	-4.01	-59.32	2.54	21.14	2.93	3.33	20.75	-2.64
		602	3.13	-10.54	-56.79	-10.76	-56.58	-3.12	37.63	7.55	7.56	37.63	-0.20
		611	3.09	-11.27	-58.07	-11.33	-58.01	1.75	30.70	6.30	6.31	30.70	-0.39
436	37	610	2.72	-8.70	-57.68	-8.73	-57.64	1.25	0.64	-5.63	-2.20	-2.79	-3.12
		601	2.77	-3.70	-56.89	-3.83	-56.76	2.66	1.03	-1.30	-0.49	0.22	-1.11
		602	2.55	-10.08	-54.28	-10.28	-54.09	-2.92	3.35	0.75	0.75	3.34	-0.11
		611	2.56	-10.81	-55.80	-10.88	-55.73	1.81	0.43	-0.22	0.17	0.04	-0.32
437	7	613	3.34	40.54	-17.84	32.60	-9.90	-20.01	54.49	-7.49	2.65	44.35	22.93
		986	4.79	82.66	-2.17	76.15	4.35	-22.58	76.72	3.77	4.72	75.77	8.27
		603	4.11	28.84	-49.21	-43.56	23.19	-20.23	78.06	-20.01	-12.50	70.55	26.08
		612	2.48	20.44	-4.23	6.75	9.45	-12.26	88.76	-37.95	-17.84	68.65	46.29
437	31	613	2.44	30.35	-13.68	24.14	-7.46	-15.33	29.99	-11.07	-0.55	19.48	17.92
		986	3.49	61.33	-2.11	56.21	3.01	-17.27	43.51	0.25	1.46	42.30	7.14
		603	2.91	21.25	-37.06	-32.75	16.94	-15.26	45.76	-18.27	-10.89	38.39	20.44
		612	1.83	15.30	-3.85	4.64	6.81	-9.51	55.95	-31.78	-14.65	38.82	34.78
437	37	613	2.15	27.84	-13.59	21.24	-6.99	-15.15	3.63	-37.59	-8.51	-25.45	18.79
		986	2.98	54.42	-3.51	48.93	1.98	-16.96	3.54	-15.56	-5.23	-6.79	9.52
		603	2.61	18.39	-34.61	-30.40	14.18	-14.33	9.14	-34.30	-14.80	-10.36	21.60
		612	1.72	13.98	-5.66	2.94	5.38	-9.75	22.11	-43.72	-17.49	-4.12	32.23
438	7	612	2.38	19.52	-17.31	-8.31	10.52	-15.82	85.12	-35.04	-22.50	72.58	36.74
		603	4.38	17.09	-59.21	-58.77	16.65	-5.76	74.08	-15.54	-12.00	70.55	17.44

		605	6.80	11.63	-109.33	-85.90	-11.80	47.80	78.27	-30.86	-27.96	75.37	17.55
		614	4.35	4.84	-55.75	-53.86	2.94	10.54	85.63	-39.91	-33.21	78.92	28.23
438	31	612	1.79	14.56	-13.47	-6.44	7.53	-12.15	52.56	-29.04	-18.16	41.68	27.74
		603	3.12	12.38	-44.46	-44.10	12.01	-4.51	41.99	-13.92	-10.34	38.40	13.69
		605	4.98	8.12	-81.45	-64.09	-9.24	35.41	47.00	-24.10	-21.81	44.71	12.56
		614	3.13	3.14	-41.55	-40.23	1.83	7.55	53.83	-30.84	-25.45	48.44	20.68
438	37	612	1.76	13.19	-13.97	-6.58	5.80	-12.09	16.55	-39.07	-20.77	-1.75	26.14
		603	2.42	10.01	-41.13	-40.69	9.56	-4.76	2.63	-26.66	-13.74	-10.28	14.54
		605	4.25	5.61	-73.31	-57.96	-9.74	31.24	7.12	-25.88	-22.73	3.98	9.69
		614	2.50	1.38	-37.46	-36.57	0.49	5.82	17.89	-32.27	-25.16	10.78	17.50
439	7	614	4.27	4.05	-54.30	-52.68	2.44	9.57	85.94	-40.64	-36.00	81.30	23.78
		605	6.58	5.65	-110.66	-82.13	-22.88	50.04	78.30	-30.31	-27.38	75.36	17.62
		606	5.86	2.88	-110.58	-49.21	-58.48	56.54	64.37	-29.06	-26.68	61.98	14.74
		615	4.38	-6.93	-72.61	-56.97	-22.57	27.98	73.53	-41.73	-40.69	72.49	10.94
439	31	614	3.07	2.49	-40.47	-39.35	1.38	6.82	54.00	-31.36	-27.57	50.22	17.57
		605	4.83	3.60	-82.48	-61.29	-17.58	37.08	47.20	-23.71	-21.32	44.81	12.79
		606	4.35	1.68	-82.45	-36.66	-44.11	41.90	40.05	-22.20	-20.51	38.36	10.12
		615	3.19	-5.76	-53.98	-42.46	-17.28	20.56	47.24	-31.38	-30.64	46.50	7.59
439	37	614	2.44	0.59	-36.48	-35.75	-0.15	5.15	17.65	-32.45	-27.20	12.41	15.34
		605	4.17	1.33	-74.33	-55.47	-17.53	32.73	8.05	-25.74	-22.13	4.44	10.44
		606	3.89	0.05	-74.44	-32.99	-41.41	37.01	11.06	-21.79	-20.49	9.76	6.40
		615	2.68	-7.10	-48.20	-38.27	-17.03	17.59	18.62	-29.16	-28.62	18.08	5.07
440	8	615	4.10	-10.20	-71.32	-56.59	-24.94	26.15	54.69	-43.59	-43.03	54.13	7.38
		606	5.89	-1.11	-114.29	-51.97	-63.44	56.30	43.32	-31.36	-29.67	41.63	11.08
		607	5.06	-4.50	-97.11	-25.19	-76.42	38.58	27.78	-24.85	-24.64	27.58	3.29
		616	3.55	-18.64	-72.15	-42.80	-47.98	26.63	38.58	-38.65	-38.32	38.24	-5.11
440	32	615	3.00	-8.20	-52.94	-42.10	-19.04	19.17	34.67	-32.60	-32.20	34.27	5.17
		606	4.38	-1.28	-85.13	-38.66	-47.74	41.68	25.97	-23.71	-22.49	24.75	7.69
		607	3.74	-3.62	-72.52	-18.72	-57.42	28.50	17.19	-18.57	-18.48	17.09	1.84
		616	2.61	-14.34	-53.66	-31.83	-36.17	19.54	25.32	-28.76	-28.43	24.99	-4.18
440	37	615	2.55	-8.99	-46.61	-37.38	-18.22	16.18	18.50	-28.88	-28.55	18.17	3.94
		606	3.88	-2.33	-75.86	-34.30	-43.89	36.45	10.44	-21.56	-20.52	9.40	5.68
		607	3.29	-3.96	-65.18	-16.59	-52.55	24.77	8.22	-16.47	-16.46	8.21	0.46
		616	2.26	-14.09	-47.58	-28.25	-33.42	16.54	15.54	-25.22	-24.75	15.07	-4.36
441	8	616	3.54	-20.80	-71.83	-43.23	-49.40	25.33	38.10	-38.39	-37.76	37.48	-6.90
		607	5.08	-6.85	-98.67	-28.89	-76.63	39.21	27.37	-24.78	-24.70	27.29	2.01
		608	4.37	-8.21	-86.02	-15.99	-78.25	23.33	9.77	-19.12	-18.60	9.25	-3.84
		617	3.49	-22.48	-69.82	-29.98	-62.32	17.28	18.35	-33.76	-29.37	13.97	-14.46
441	32	616	2.61	-15.98	-53.48	-32.16	-37.31	18.57	24.98	-28.56	-28.01	24.42	-5.43
		607	3.76	-5.41	-73.73	-21.48	-57.65	28.98	16.88	-18.52	-18.49	16.86	0.97
		608	3.27	-6.29	-64.49	-11.90	-58.88	17.17	6.69	-14.19	-13.65	6.15	-3.31
		617	2.60	-17.01	-52.22	-22.31	-46.91	12.60	13.06	-25.02	-21.51	9.55	-11.01
441	37	616	2.26	-15.64	-47.62	-28.55	-34.71	15.69	15.27	-25.07	-24.36	14.57	-5.29
		607	3.32	-5.64	-66.43	-19.06	-53.00	25.22	7.97	-16.43	-16.43	7.97	-0.15
		608	2.95	-6.07	-58.70	-10.60	-54.18	14.75	4.82	-12.45	-11.58	3.95	-3.76
		617	2.32	-15.90	-47.19	-19.86	-43.22	10.41	10.30	-21.75	-18.17	6.72	-10.10
442	8	617	3.56	-23.69	-71.66	-31.18	-64.17	17.41	17.97	-33.66	-28.55	12.86	-15.41
		608	4.44	-9.44	-88.04	-18.01	-79.47	24.51	9.51	-19.06	-18.34	8.79	-4.48
		609	3.84	-9.54	-80.79	-11.95	-78.38	12.88	-4.18	-17.32	-12.43	-9.06	-6.35
		618	3.26	-20.52	-72.17	-22.10	-70.58	8.91	1.23	-32.36	-19.56	-11.57	-16.31
442	32	617	2.65	-17.91	-53.67	-23.21	-48.37	12.70	12.78	-24.95	-20.89	8.72	-11.69
		608	3.32	-7.22	-66.05	-13.41	-59.86	18.06	6.49	-14.15	-13.44	5.78	-3.76
		609	2.90	-7.23	-60.78	-8.94	-59.07	9.41	-1.38	-12.18	-8.70	-4.85	-5.04
		618	2.47	-15.41	-54.21	-16.49	-53.13	6.39	2.39	-23.18	-13.93	-6.86	-12.29
442	37	617	2.37	-16.74	-48.75	-20.68	-44.80	10.52	10.07	-21.69	-17.61	5.99	-10.63
		608	3.01	-6.95	-60.31	-11.96	-55.30	15.56	4.64	-12.42	-11.36	3.59	-4.11
		609	2.71	-6.79	-55.97	-8.09	-54.67	7.88	2.34	-9.36	-6.54	-0.49	-5.01
		618	2.30	-14.11	-49.70	-14.81	-49.00	4.94	5.07	-18.54	-10.96	-2.51	-11.02
443	7	618	3.39	-21.05	-73.18	-22.86	-71.37	9.53	-4.08	-34.11	-20.08	-18.11	-14.98
		609	3.96	-9.95	-81.45	-12.90	-78.50	14.23	-9.65	-19.40	-13.49	-15.55	-4.77
		610	4.13	-10.81	-77.64	-11.37	-77.08	6.11	-10.27	-38.37	-10.70	-37.94	-3.46
		619	3.96	-17.31	-74.50	-17.53	-74.29	3.53	-11.22	-48.08	-14.25	-45.05	-10.13
443	36	618	2.60	-15.69	-55.30	-16.66	-54.32	6.13	9.21	-19.07	-10.25	0.38	-13.10
		609	3.05	-7.71	-61.83	-9.48	-60.06	9.62	6.95	-9.29	-5.74	3.40	-6.71
		610	2.91	-8.35	-59.29	-8.63	-59.02	3.75	9.78	-2.20	-0.33	7.91	-4.35
		619	2.60	-12.92	-56.41	-13.00	-56.33	1.87	7.30	-10.09	-3.23	0.44	-8.50
443	37	618	2.38	-14.75	-51.72	-15.56	-50.91	5.41	4.86	-18.51	-10.39	-3.26	-11.13
		609	2.79	-7.27	-57.86	-8.87	-56.26	8.85	2.19	-9.33	-6.27	-0.88	-5.09
		610	2.62	-7.87	-55.56	-8.11	-55.32	3.38	0.98	-5.76	-2.31	-2.46	-3.37
		619	2.50	-12.13	-52.83	-12.18	-52.77	1.48	0.86	-14.20	-4.82	-8.52	-7.30
444	7	619	4.09	-18.28	-77.06	-18.47	-76.87	3.38	-11.52	-48.16	-13.81	-45.86	-8.88
		610	4.26	-11.11	-80.43	-12.16	-79.38	8.47	-10.35	-38.46	-10.58	-38.23	-2.55
		611	4.30	-15.04	-77.51	-15.07	-77.47	1.52	-10.41	-53.56	-10.41	-53.56	-0.43
		620	4.45	-15.07	-78.58	-15.37	-78.28	4.34	-11.74	-61.20	-11.78	-61.16	-1.42
444	31	619	3.01	-13.76	-58.19	-13.88	-58.07	2.29	-6.99	-30.95	-9.12	-28.82	-6.82
		610	3.14	-8.45	-60.84	-9.19	-60.10	6.18	-6.37	-23.15	-6.67	-22.84	-2.24
		611	3.12	-11.41	-58.68	-11.42	-58.66	0.94	-5.98	-31.00	-5.99	-31.00	-0.33

		620	3.24	-11.40	-59.30	-11.61	-59.10	3.12	-7.10	-37.34	-7.14	-37.31	-1.03
444	37	619	2.60	-12.81	-54.87	-12.85	-54.83	1.33	0.39	-13.91	-4.50	-9.02	-6.78
		610	2.72	-8.14	-57.67	-8.68	-57.13	5.14	0.69	-5.56	-2.17	-2.70	-3.11
		611	2.56	-10.90	-55.79	-10.90	-55.79	0.22	0.58	-0.07	0.23	0.28	-0.32
		620	2.66	-10.82	-55.81	-10.96	-55.68	2.43	-1.11	-7.55	-1.23	-7.43	-0.85
445	7	622	2.96	35.57	-11.28	35.31	-11.02	-3.47	59.70	-52.25	-9.40	16.84	54.42
		987	3.52	58.31	-4.64	58.12	-4.46	-3.42	49.01	-21.37	-2.75	30.39	31.05
		612	2.47	15.81	-12.72	-4.09	7.18	-13.10	89.04	-41.62	-21.45	68.86	47.21
		621	3.03	12.00	-0.38	9.74	1.88	-4.79	119.31	-72.89	-30.01	76.43	80.02
445	35	622	2.33	24.87	-9.23	24.01	-8.37	-5.35	-5.93	-107.07	-25.55	-87.46	39.99
		987	2.63	38.16	-5.52	37.45	-4.81	-5.53	-9.97	-88.82	-18.73	-80.05	24.79
		612	2.05	10.68	-12.17	-4.63	3.15	-10.74	0.77	-75.41	-27.01	-47.63	36.67
		621	2.01	8.39	-4.01	4.70	-0.32	-5.67	20.67	-88.30	-32.33	-35.30	54.47
445	37	622	1.86	23.89	-8.31	23.34	-7.75	-4.20	10.36	-67.20	-16.08	-40.75	36.77
		987	2.15	37.93	-4.32	37.49	-3.87	-4.32	2.85	-46.05	-10.68	-32.52	21.87
		612	1.73	10.61	-10.50	-3.60	3.71	-9.90	21.79	-46.30	-20.35	-4.17	33.07
		621	1.90	8.50	-2.55	5.49	0.46	-4.92	43.31	-64.87	-25.82	4.26	51.96
446	7	621	2.71	6.90	-6.48	0.75	-0.33	-6.67	105.76	-65.97	-41.16	80.95	60.37
		612	1.91	9.65	-14.96	-10.95	5.65	-9.08	84.71	-32.35	-18.66	71.02	37.61
		614	4.37	4.97	-54.91	-51.64	1.71	13.60	85.84	-43.55	-37.32	79.60	27.71
		623	3.64	-0.36	-35.46	-35.42	-0.40	-1.15	113.75	-57.64	-47.73	103.84	40.00
446	31	621	1.96	5.34	-5.44	0.42	-0.52	-5.37	68.69	-51.94	-31.98	48.73	44.83
		612	1.40	7.11	-11.63	-8.40	3.88	-7.07	52.37	-27.18	-15.29	40.48	28.36
		614	3.15	3.24	-40.90	-38.56	0.89	9.90	53.94	-33.53	-28.53	48.94	20.30
		623	2.59	-0.52	-26.49	-26.44	-0.58	-1.18	75.30	-43.91	-36.17	67.56	29.38
446	37	621	1.68	5.44	-6.85	-0.07	-1.33	-6.11	31.74	-57.54	-32.96	7.17	39.88
		612	1.35	6.16	-12.03	-8.32	2.45	-7.33	17.12	-38.23	-18.15	-2.96	26.61
		614	2.53	1.43	-36.80	-34.97	-0.40	8.16	17.69	-34.48	-28.01	11.23	17.19
		623	1.99	-1.22	-24.15	-23.96	-1.41	-2.08	38.41	-43.14	-34.49	29.76	25.12
447	7	623	3.59	-2.72	-36.06	-35.94	-2.83	-1.92	111.17	-59.66	-52.50	104.01	34.23
		614	4.22	1.07	-55.56	-51.58	-2.91	14.48	86.15	-41.26	-36.21	81.09	24.86
		615	4.32	-5.70	-71.89	-53.85	-23.74	29.47	73.27	-41.74	-40.67	72.21	11.01
		624	3.80	-13.21	-50.78	-49.89	-14.10	5.71	95.06	-55.45	-54.95	94.57	8.61
447	31	623	2.56	-2.35	-26.95	-26.83	-2.47	-1.75	73.35	-45.35	-39.70	67.69	25.28
		614	3.04	0.24	-41.39	-38.52	-2.63	10.54	54.19	-31.83	-27.71	50.08	18.36
		615	3.15	-4.79	-53.50	-40.12	-18.16	21.74	47.05	-31.39	-30.63	46.30	7.65
		624	2.74	-10.27	-37.75	-37.16	-10.86	3.98	63.52	-41.39	-41.04	63.16	6.06
447	37	623	1.96	-3.06	-24.61	-24.30	-3.38	-2.60	36.47	-44.16	-37.59	29.90	22.06
		614	2.45	-1.53	-37.23	-34.94	-3.81	8.73	17.97	-32.94	-27.29	12.32	15.99
		615	2.67	-6.01	-47.95	-36.11	-17.85	18.88	18.51	-29.20	-28.64	17.94	5.15
		624	2.24	-10.58	-33.75	-33.42	-10.90	2.72	34.03	-37.52	-37.26	33.77	4.32
448	7	624	3.66	-16.48	-50.35	-49.64	-17.19	4.85	94.23	-55.49	-55.32	94.06	5.01
		615	4.17	-8.74	-72.04	-53.82	-26.95	28.66	72.77	-41.19	-40.53	72.12	8.60
		616	3.65	-15.61	-71.83	-40.78	-46.66	27.95	48.54	-37.11	-36.96	48.40	-3.50
		625	2.81	-29.81	-50.36	-46.54	-33.63	8.00	66.01	-52.18	-50.34	64.17	-14.63
448	31	624	2.65	-12.78	-37.44	-36.98	-13.24	3.34	62.92	-41.43	-41.31	62.80	3.53
		615	3.05	-7.09	-53.64	-40.11	-20.63	21.14	46.72	-30.99	-30.52	46.25	6.02
		616	2.69	-12.07	-53.61	-30.36	-35.31	20.62	31.92	-27.69	-27.53	31.76	-3.10
		625	2.06	-22.74	-37.39	-34.65	-25.47	5.71	44.99	-38.76	-37.26	43.49	-11.11
448	37	624	2.16	-13.08	-33.50	-33.27	-13.31	2.14	33.56	-37.59	-37.50	33.47	2.54
		615	2.60	-8.24	-48.18	-36.12	-20.31	18.34	18.30	-28.88	-28.50	17.93	4.17
		616	2.34	-12.22	-48.57	-27.26	-33.52	17.90	15.44	-25.22	-24.75	14.97	-4.36
		625	1.79	-22.15	-33.22	-31.13	-24.25	4.34	27.38	-34.67	-32.77	25.48	-10.68
449	7	625	2.74	-32.72	-50.44	-46.60	-36.56	7.31	65.35	-51.98	-49.42	62.79	-17.12
		616	3.70	-17.61	-72.79	-41.96	-48.44	27.40	48.00	-36.83	-36.49	47.65	-5.41
		617	3.55	-19.73	-70.19	-29.20	-60.73	19.70	19.69	-32.72	-29.32	16.30	-12.90
		626	2.78	-35.08	-53.09	-37.23	-50.94	5.84	32.63	-50.55	-40.12	22.19	-27.55
449	31	625	2.02	-24.97	-37.47	-34.70	-27.74	5.19	44.52	-38.62	-36.58	42.48	-12.87
		616	2.73	-13.58	-54.38	-31.24	-36.71	20.21	31.53	-27.49	-27.16	31.20	-4.43
		617	2.65	-14.96	-52.65	-21.75	-45.86	14.48	13.91	-24.29	-21.48	11.10	-9.97
		626	2.07	-26.33	-39.82	-27.73	-38.42	4.11	23.43	-37.39	-29.36	15.40	-20.59
449	37	625	1.77	-24.34	-33.39	-31.19	-26.55	3.88	27.01	-34.57	-32.16	24.61	-11.94
		616	2.38	-13.64	-49.44	-28.08	-35.01	17.56	15.14	-25.06	-24.37	14.44	-5.24
		617	2.41	-14.25	-48.56	-19.57	-43.23	12.43	10.27	-21.77	-18.18	6.68	-10.10
		626	1.85	-24.22	-36.82	-24.95	-36.09	2.95	18.41	-32.88	-24.75	10.27	-18.74
450	8	626	2.91	-36.45	-56.70	-38.27	-54.89	5.78	30.89	-51.69	-38.68	17.88	-30.08
		617	3.67	-21.47	-73.38	-31.00	-63.86	20.09	17.90	-33.69	-28.58	12.79	-15.41
		618	3.36	-19.31	-73.22	-22.01	-70.52	11.77	1.28	-32.35	-19.54	-11.53	-16.33
		627	3.08	-28.74	-64.99	-28.91	-64.82	2.45	8.36	-52.80	-27.34	-17.10	-30.15
450	32	626	2.17	-27.29	-42.53	-28.47	-41.35	4.07	22.27	-38.16	-28.29	12.39	-22.34
		617	2.74	-16.23	-54.99	-23.07	-48.15	14.78	12.73	-24.97	-20.92	8.67	-11.68
		618	2.54	-14.50	-55.01	-16.42	-53.10	8.59	2.43	-23.17	-13.92	-6.83	-12.30
		627	2.30	-21.44	-48.81	-21.54	-48.72	1.61	7.41	-38.10	-19.64	-11.05	-22.35
450	37	626	1.93	-24.70	-38.89	-25.32	-38.27	2.91	18.11	-32.84	-23.81	9.09	-19.45
		617	2.46	-15.11	-50.03	-20.52	-44.62	12.63	10.03	-21.71	-17.63	5.95	-10.63
		618	2.37	-13.28	-50.45	-14.72	-49.01	7.16	5.10	-18.53	-10.95	-2.48	-11.03
		627	2.07	-19.23	-44.77	-19.25	-44.75	0.76	8.88	-31.02	-15.81	-6.32	-19.38

451	7	627	3.22	-29.00	-66.49	-29.23	-66.27	2.89	3.61	-54.61	-27.12	-23.88	-29.06
		618	3.41	-19.72	-74.05	-22.82	-70.96	12.59	-4.02	-34.09	-20.05	-18.06	-15.00
		619	3.96	-16.83	-74.87	-17.48	-74.22	6.12	-11.12	-47.92	-14.18	-44.86	-10.15
451	31	628	4.02	-21.80	-72.14	-21.80	-72.14	0.09	-11.25	-67.45	-19.24	-59.47	-19.62
		627	2.40	-21.68	-50.11	-21.81	-49.98	1.94	4.18	-39.27	-19.39	-15.70	-21.65
		618	2.54	-14.86	-55.81	-17.05	-53.61	9.22	-1.20	-24.26	-14.18	-11.27	-11.44
451	37	619	2.91	-12.68	-56.48	-13.13	-56.03	4.41	-6.65	-30.85	-9.40	-28.10	-7.69
		628	2.96	-16.32	-54.33	-16.32	-54.33	-0.12	-6.66	-45.68	-13.18	-39.15	-14.56
		627	2.17	-19.72	-46.97	-19.76	-46.92	1.07	8.62	-31.02	-14.87	-7.52	-19.48
452	7	618	2.44	-13.85	-52.29	-15.50	-50.64	7.79	4.88	-18.50	-10.39	-3.23	-11.13
		619	2.50	-11.84	-53.06	-12.13	-52.77	3.49	0.92	-14.13	-4.79	-8.41	-7.30
		628	2.53	-14.93	-50.77	-14.94	-50.76	-0.71	0.43	-27.55	-8.22	-18.91	-12.93
452	31	628	4.16	-22.67	-74.85	-22.67	-74.85	-0.19	-11.92	-67.27	-18.38	-60.80	-17.78
		619	4.10	-17.26	-77.69	-18.43	-76.52	8.32	-11.42	-47.95	-13.73	-45.64	-8.90
		620	4.42	-15.37	-78.10	-15.44	-78.03	2.08	-11.68	-60.90	-11.72	-60.86	-1.41
452	37	629	4.72	-15.63	-78.69	-15.69	-78.63	1.95	-15.49	-81.09	-15.61	-80.98	-2.77
		628	3.06	-16.97	-56.43	-16.98	-56.43	-0.35	-7.20	-45.48	-12.55	-40.13	-13.27
		619	3.01	-13.01	-58.65	-13.84	-57.82	6.09	-6.92	-30.82	-9.07	-28.67	-6.83
453	7	620	3.21	-11.62	-58.96	-11.66	-58.92	1.38	-7.05	-37.12	-7.09	-37.09	-1.03
		629	3.44	-11.78	-59.26	-11.82	-59.22	1.36	-9.96	-52.48	-10.05	-52.39	-2.02
		628	2.64	-15.53	-52.92	-15.56	-52.90	-0.97	-0.24	-27.16	-7.65	-19.75	-12.03
453	31	619	2.60	-12.18	-55.23	-12.80	-54.60	5.13	0.45	-13.84	-4.47	-8.92	-6.79
		620	2.65	-11.00	-55.54	-11.01	-55.53	0.70	-1.06	-7.34	-1.18	-7.22	-0.86
		629	2.84	-11.03	-55.36	-11.05	-55.35	0.93	-3.91	-22.16	-4.06	-22.00	-1.66
453	37	631	3.72	37.66	-11.91	36.37	-10.62	7.90	117.21	-93.98	-13.27	36.50	102.62
		988	3.45	48.56	-8.62	47.48	-7.54	7.80	82.58	-57.47	1.26	23.85	69.11
		621	2.99	6.96	-3.63	4.50	-1.16	-4.48	115.98	-78.55	-36.36	73.79	80.17
453	35	630	3.92	2.65	-1.52	1.96	-0.83	1.55	186.24	-107.07	-34.08	113.25	126.81
		631	2.85	25.67	-8.19	25.50	-8.02	2.41	22.83	-120.65	-27.01	-70.81	68.32
		988	2.84	31.23	-7.02	31.12	-6.91	2.03	7.49	-105.97	-17.93	-80.54	47.31
453	37	621	1.95	5.38	-5.65	2.11	-2.38	-5.03	17.85	-91.86	-36.82	-37.19	54.86
		630	2.31	1.00	-2.55	0.42	-1.98	-1.31	61.69	-104.67	-35.77	-7.21	81.94
		631	2.50	24.85	-7.76	24.50	-7.42	3.35	43.74	-88.26	-18.04	-26.48	65.86
454	7	988	2.42	31.14	-6.17	30.89	-5.91	3.05	24.60	-68.99	-9.20	-35.20	44.96
		621	1.84	5.20	-4.34	2.58	-1.72	-4.26	40.94	-68.44	-30.00	2.49	52.22
		630	2.30	1.08	-1.40	0.89	-1.21	-0.67	85.67	-84.90	-28.88	29.65	80.11
454	31	630	3.39	-3.00	-4.06	-3.13	-3.92	-0.35	157.71	-95.30	-54.97	117.39	92.61
		621	2.45	2.64	-3.49	1.04	-1.89	-2.69	109.71	-56.39	-28.98	82.31	61.65
		623	3.75	-0.97	-35.10	-34.96	-1.10	2.13	111.00	-64.28	-55.11	101.83	39.03
454	37	632	4.09	-2.73	-35.93	-34.47	-4.19	-6.80	160.09	-72.05	-59.67	147.71	52.16
		630	2.44	-1.97	-3.52	-2.34	-3.15	-0.66	107.22	-73.37	-42.19	76.05	68.25
		621	1.76	2.10	-3.15	0.64	-1.70	-2.35	71.78	-45.09	-23.00	49.68	45.76
454	35	623	2.67	-1.05	-26.14	-26.07	-1.12	1.34	73.24	-48.78	-41.62	66.08	28.67
		632	2.92	-2.10	-26.86	-25.64	-3.31	-5.36	109.75	-54.40	-44.96	100.31	38.22
		630	1.98	-0.88	-4.83	-2.13	-3.58	-1.84	64.96	-74.56	-41.91	32.31	59.07
455	7	621	1.44	2.31	-4.61	0.15	-2.45	-3.20	35.23	-52.55	-25.15	7.84	40.67
		623	2.06	-1.97	-23.55	-23.54	-1.98	0.43	36.42	-47.21	-39.28	28.49	24.49
		632	2.25	-2.03	-24.52	-22.95	-3.60	-5.73	68.89	-51.52	-42.09	59.46	32.35
455	31	632	4.02	-5.40	-36.85	-34.76	-7.49	-7.83	155.90	-76.25	-67.47	147.12	44.28
		623	3.59	-4.11	-35.67	-35.54	-4.23	1.97	111.14	-58.94	-51.57	103.77	34.62
		624	3.77	-13.14	-50.91	-48.70	-15.36	8.87	94.75	-56.56	-56.08	94.26	8.55
455	37	633	4.18	-13.90	-50.57	-47.93	-16.54	-9.48	131.14	-68.76	-68.69	131.06	3.88
		632	2.87	-4.13	-27.59	-25.86	-5.86	-6.13	106.61	-57.45	-50.70	99.87	32.57
		623	2.56	-3.47	-26.57	-26.51	-3.53	1.21	73.33	-44.84	-39.02	67.51	25.56
455	35	624	2.73	-10.24	-37.83	-36.25	-11.82	6.41	63.29	-42.22	-41.87	62.95	6.01
		633	3.03	-10.45	-37.77	-35.66	-12.56	-7.29	90.36	-51.13	-51.08	90.31	2.64
		632	2.22	-4.00	-25.31	-23.15	-6.16	-6.43	65.99	-53.97	-47.04	59.06	27.98
456	7	623	1.97	-4.38	-23.96	-23.95	-4.39	0.30	36.48	-43.78	-37.03	29.73	22.27
		624	2.23	-10.63	-33.75	-32.55	-11.83	5.13	33.86	-38.26	-38.00	33.60	4.28
		633	2.50	-9.66	-34.32	-31.93	-12.05	-7.29	58.09	-45.72	-45.70	58.07	1.59
456	31	633	4.06	-16.95	-50.91	-47.53	-20.34	-10.18	129.79	-69.01	-69.01	129.78	-0.77
		624	3.63	-16.44	-50.77	-48.67	-18.53	8.22	94.08	-55.68	-55.50	93.90	5.23
		625	2.79	-27.98	-52.12	-45.54	-34.56	10.75	65.90	-52.44	-50.61	64.08	-14.59
456	37	634	3.45	-29.50	-51.29	-46.72	-34.06	-8.86	92.60	-67.69	-62.28	87.18	-28.96
		633	2.95	-12.77	-38.06	-35.36	-15.47	-7.82	89.38	-51.32	-51.32	89.37	-0.66
		624	2.63	-12.76	-37.74	-36.24	-14.25	5.92	62.82	-41.58	-41.45	62.69	3.69
457	8	625	2.05	-21.31	-38.76	-33.89	-26.18	7.83	44.92	-38.96	-37.46	43.43	-11.08
		634	2.54	-22.01	-38.41	-34.77	-25.65	-6.81	64.72	-50.13	-45.95	60.54	-21.51
		633	2.43	-11.88	-34.73	-31.69	-14.93	-7.77	57.27	-45.91	-45.90	57.27	-0.88
457	32	624	2.15	-13.12	-33.69	-32.56	-14.26	4.70	33.50	-37.73	-37.63	33.40	2.66
		625	1.77	-20.64	-34.70	-30.40	-24.94	6.48	27.33	-34.84	-32.96	25.45	-10.65
		634	2.22	-19.88	-35.27	-31.18	-23.97	-6.80	44.84	-44.30	-39.97	40.51	-19.16
457	32	634	3.40	-32.53	-53.09	-47.03	-38.59	-9.38	83.23	-69.30	-61.85	75.78	-32.88
		625	2.74	-31.35	-53.42	-46.47	-38.30	10.25	55.98	-53.84	-50.78	52.91	-18.09
		626	2.95	-33.37	-56.49	-37.21	-52.65	8.60	31.38	-51.89	-40.26	19.74	-28.87
457	32	635	3.13	-35.95	-55.65	-39.56	-52.05	-7.62	49.33	-72.13	-50.06	27.27	-46.83
		634	2.51	-24.24	-39.76	-34.95	-29.05	-7.18	58.45	-51.22	-45.56	52.79	-24.26

		625	2.02	-23.79	-39.71	-34.54	-28.96	7.46	38.30	-39.90	-37.49	35.89	-13.51
		626	2.20	-25.00	-42.29	-27.66	-39.62	6.24	22.62	-38.31	-29.46	13.77	-21.47
		635	2.34	-26.63	-41.80	-29.41	-39.02	-5.87	35.76	-53.09	-36.61	19.28	-34.53
457	37	634	2.20	-21.55	-36.21	-30.97	-26.80	-7.03	44.35	-44.23	-39.02	39.15	-20.83
		625	1.76	-22.45	-35.22	-30.59	-27.07	6.14	26.97	-34.67	-32.28	24.58	-11.89
		626	1.95	-22.67	-38.37	-24.54	-36.50	5.09	18.40	-32.95	-24.82	10.27	-18.75
		635	2.10	-23.31	-38.35	-26.10	-35.57	-5.84	29.48	-45.35	-30.81	14.94	-29.61
458	8	635	3.19	-36.57	-58.49	-39.53	-55.52	-7.50	48.77	-72.10	-47.89	24.55	-48.38
		626	3.04	-34.26	-58.65	-37.82	-55.09	8.61	30.88	-51.79	-38.79	17.87	-30.10
		627	3.06	-27.90	-65.86	-28.65	-65.11	5.28	8.41	-52.84	-27.36	-17.07	-30.19
		636	3.65	-29.85	-66.76	-30.97	-65.64	-6.33	16.77	-78.52	-35.63	-26.13	-47.41
458	32	635	2.39	-27.12	-43.98	-29.40	-41.70	-5.77	35.35	-53.08	-35.01	17.29	-35.66
		626	2.26	-25.66	-43.98	-28.13	-41.51	6.26	22.26	-38.24	-28.37	12.39	-22.36
		627	2.28	-20.83	-49.46	-21.34	-48.95	3.79	7.44	-38.13	-19.66	-11.03	-22.38
		636	2.72	-22.17	-50.08	-23.06	-49.19	-4.90	13.38	-56.88	-25.72	-17.78	-34.91
458	37	635	2.16	-23.82	-40.53	-26.12	-38.23	-5.75	29.15	-45.34	-29.44	13.24	-30.52
		626	2.02	-23.26	-40.15	-24.98	-38.43	5.12	18.11	-32.90	-23.88	9.09	-19.46
		627	2.05	-18.71	-45.32	-19.04	-44.99	2.96	8.91	-31.04	-15.83	-6.30	-19.40
		636	2.42	-19.58	-45.79	-20.55	-44.82	-4.94	13.55	-46.73	-20.95	-12.22	-29.82
459	7	636	3.78	-30.01	-68.63	-30.87	-67.76	-5.71	12.56	-80.53	-34.64	-33.34	-46.54
		627	3.19	-28.09	-67.14	-29.02	-66.22	5.93	3.65	-54.64	-27.14	-23.84	-29.10
		628	4.01	-21.56	-72.39	-21.69	-72.26	2.62	-11.19	-67.35	-19.20	-59.34	-19.64
		637	4.56	-22.91	-74.62	-23.40	-74.13	-5.02	-12.13	-97.30	-26.19	-83.25	-31.62
459	31	636	2.81	-22.34	-51.63	-23.03	-50.95	-4.44	10.53	-58.21	-24.91	-22.77	-34.35
		627	2.37	-21.02	-50.58	-21.65	-49.95	4.28	4.21	-39.30	-19.41	-15.68	-21.68
		628	2.94	-16.15	-54.51	-16.24	-54.43	1.83	-6.61	-45.60	-13.15	-39.05	-14.57
		637	3.35	-17.10	-56.06	-17.49	-55.67	-3.90	-7.37	-67.80	-18.32	-56.85	-23.28
459	37	636	2.52	-20.03	-48.09	-20.80	-47.32	-4.58	13.28	-46.79	-19.57	-13.94	-29.90
		627	2.14	-19.17	-47.33	-19.59	-46.90	3.43	8.65	-31.04	-14.89	-7.50	-19.50
		628	2.52	-14.81	-50.92	-14.85	-50.87	1.25	0.48	-27.50	-8.19	-18.83	-12.94
		637	2.88	-15.47	-51.95	-15.92	-51.50	-4.02	-0.83	-46.68	-12.72	-34.80	-20.09
460	7	637	4.71	-23.55	-77.64	-24.07	-77.13	-5.24	-13.17	-96.88	-24.80	-85.25	-28.96
		628	4.13	-22.12	-75.18	-22.55	-74.75	4.79	-11.85	-67.14	-18.34	-60.66	-17.79
		629	4.71	-15.78	-78.51	-15.79	-78.51	-0.45	-15.43	-80.82	-15.55	-80.71	-2.77
		638	5.34	-16.35	-81.43	-16.40	-81.37	-1.89	-22.40	-116.80	-22.62	-116.58	-4.52
460	31	637	3.47	-17.58	-58.39	-17.99	-57.98	-4.09	-8.18	-67.44	-17.30	-58.32	-21.39
		628	3.04	-16.58	-56.66	-16.89	-56.35	3.49	-7.15	-45.39	-12.51	-40.03	-13.28
		629	3.43	-11.89	-59.14	-11.89	-59.13	-0.48	-9.92	-52.29	-10.01	-52.19	-2.02
		638	3.89	-12.28	-61.16	-12.32	-61.12	-1.48	-15.11	-79.08	-15.28	-78.91	-3.29
460	37	637	2.99	-15.92	-54.31	-16.40	-53.83	-4.26	-1.69	-46.20	-11.84	-36.04	-18.68
		628	2.61	-15.24	-53.06	-15.46	-52.84	2.87	-0.19	-27.10	-7.62	-19.67	-12.03
		629	2.84	-11.11	-55.29	-11.13	-55.27	-0.91	-3.87	-21.99	-4.02	-21.83	-1.66
		638	3.23	-11.35	-56.65	-11.41	-56.60	-1.55	-8.56	-46.04	-8.76	-45.84	-2.72
461	7	640	6.21	43.49	-16.90	35.95	-9.37	19.95	222.66	-130.45	-13.40	105.60	166.23
		989	5.05	45.39	-14.09	39.38	-8.09	17.92	164.30	-77.58	18.79	67.92	118.42
		630	3.92	0.96	-5.16	0.25	-4.44	1.96	178.83	-118.09	-46.86	107.60	126.78
		639	6.50	1.88	-18.20	-16.21	-0.11	6.01	297.07	-137.01	-30.89	190.95	186.56
461	31	640	4.53	32.33	-12.27	27.07	-7.01	14.39	155.31	-101.12	-11.95	66.14	122.13
		989	3.70	33.41	-10.35	29.29	-6.23	12.77	112.84	-63.76	11.05	38.02	87.26
		630	2.80	0.55	-3.84	0.21	-3.50	1.17	123.36	-90.68	-36.17	68.85	93.25
		639	4.68	1.10	-13.29	-12.00	-0.19	4.11	210.23	-104.28	-24.57	130.53	136.80
461	37	640	3.84	28.97	-10.10	25.26	-6.39	11.45	107.52	-104.72	-17.01	19.81	104.51
		989	3.20	28.88	-8.94	26.22	-6.28	9.68	73.06	-78.09	0.61	-5.63	75.51
		630	2.29	0.28	-3.75	0.27	-3.74	0.14	80.84	-91.24	-36.52	26.12	80.14
		639	3.72	0.12	-11.18	-10.58	-0.49	2.54	154.67	-101.40	-27.04	80.32	116.24
462	7	639	5.47	-3.34	-18.74	-18.11	-3.96	3.04	250.97	-120.95	-64.46	194.48	133.48
		630	3.35	0.19	-6.80	-1.90	-4.71	3.20	166.19	-77.52	-32.96	121.63	94.21
		632	4.21	-4.40	-34.36	-33.92	-4.83	-3.58	155.61	-83.24	-71.71	144.08	51.20
		641	5.36	-3.16	-51.23	-46.04	-8.35	-14.92	233.39	-80.36	-66.35	219.39	64.78
462	31	639	3.91	-2.76	-13.67	-13.32	-3.12	1.94	175.80	-91.80	-49.11	133.12	97.98
		630	2.36	-0.23	-4.95	-1.41	-3.76	2.04	113.65	-60.48	-25.97	79.15	69.41
		632	3.01	-3.44	-25.58	-25.20	-3.82	-2.88	106.43	-62.62	-53.84	97.64	37.52
		641	3.86	-2.28	-38.17	-34.16	-6.30	-11.32	163.75	-60.27	-49.79	153.27	47.31
462	37	639	3.03	-3.27	-11.50	-11.44	-3.33	0.71	123.36	-88.49	-47.66	82.53	83.57
		630	1.77	-1.08	-4.38	-1.27	-4.19	0.77	71.26	-64.22	-27.87	34.91	60.03
		632	2.33	-3.57	-23.03	-22.47	-4.13	-3.26	65.90	-58.52	-49.79	57.18	31.77
		641	3.06	-1.80	-34.40	-30.28	-5.92	-10.83	115.43	-55.67	-45.97	105.73	39.56
463	7	641	5.26	-5.90	-52.06	-45.24	-12.72	-16.38	227.30	-87.18	-77.75	217.87	53.63
		632	4.00	-7.22	-34.85	-34.16	-7.91	-4.32	156.22	-74.18	-65.03	147.08	44.99
		633	4.11	-16.05	-48.62	-47.40	-17.27	-6.20	130.69	-70.51	-70.44	130.62	3.79
		642	5.18	-10.40	-66.43	-51.50	-25.34	-24.77	183.58	-77.36	-77.27	183.48	-5.05
463	31	641	3.79	-4.36	-38.84	-33.56	-9.63	-12.41	159.24	-65.27	-58.17	152.14	39.28
		632	2.85	-5.59	-25.99	-25.39	-6.19	-3.44	106.86	-55.94	-48.91	99.84	33.08
		633	2.98	-12.14	-36.23	-35.24	-13.12	-4.77	90.04	-52.42	-52.37	89.99	2.57
		642	3.79	-7.64	-49.59	-38.27	-18.96	-18.62	129.08	-57.38	-57.30	129.00	-3.92
463	37	641	3.01	-3.79	-35.16	-29.78	-9.17	-11.83	111.43	-59.87	-53.17	104.73	33.21
		632	2.19	-5.66	-23.51	-22.67	-6.51	-3.78	66.25	-52.73	-45.51	59.03	28.40

		633	2.43	-11.47	-32.65	-31.50	-12.62	-4.80	57.82	-46.84	-46.82	57.80	1.52
		642	3.19	-6.54	-44.95	-34.16	-17.32	-17.26	91.85	-50.84	-50.73	91.74	-4.02
464	8	642	4.99	-13.06	-68.38	-51.00	-30.44	-25.68	166.98	-79.96	-79.46	166.48	-11.10
		633	3.87	-19.61	-49.50	-47.72	-21.39	-7.07	113.99	-71.30	-71.29	113.99	-0.86
		634	3.31	-33.01	-49.46	-46.85	-35.62	-6.01	84.10	-69.90	-63.84	78.04	-29.95
		643	4.62	-20.34	-70.56	-46.18	-44.72	-25.10	120.74	-82.53	-70.54	108.75	-47.89
464	32	642	3.65	-9.65	-51.01	-37.86	-22.80	-19.26	117.90	-59.15	-58.76	117.51	-8.23
		633	2.81	-14.80	-36.86	-35.44	-16.21	-5.41	78.85	-52.85	-52.84	78.84	-0.71
		634	2.43	-24.68	-36.89	-34.80	-26.77	-4.60	59.08	-51.66	-47.03	54.45	-22.18
		643	3.42	-15.01	-52.67	-34.30	-33.37	-18.83	86.06	-60.90	-51.88	77.04	-35.26
464	37	642	3.12	-8.34	-45.80	-33.42	-20.72	-17.62	90.71	-51.15	-50.79	90.35	-7.14
		633	2.35	-13.71	-32.84	-31.29	-15.26	-5.23	57.26	-45.93	-45.92	57.25	-0.74
		634	2.10	-22.21	-33.09	-30.75	-24.55	-4.47	44.88	-44.59	-40.27	40.56	-19.18
		643	3.00	-12.93	-47.38	-30.34	-29.97	-17.23	67.93	-52.35	-44.26	59.84	-30.13
465	8	643	4.58	-22.08	-72.28	-45.31	-49.05	-25.03	119.78	-82.38	-68.35	105.75	-51.37
		634	3.25	-35.42	-50.12	-46.53	-39.01	-6.31	83.31	-69.53	-62.11	75.88	-32.86
		635	2.99	-37.62	-54.19	-39.10	-52.71	-4.73	49.41	-72.36	-50.27	27.31	-46.93
		644	4.39	-25.27	-72.69	-36.90	-61.06	-20.40	71.64	-92.77	-57.36	36.22	-67.59
465	32	643	3.39	-16.33	-54.01	-33.67	-36.68	-18.78	85.36	-60.79	-50.28	74.85	-37.76
		634	2.40	-26.49	-37.45	-34.57	-29.37	-4.82	58.51	-51.40	-45.75	52.86	-24.26
		635	2.23	-27.92	-40.67	-29.06	-39.53	-3.64	35.82	-53.26	-36.76	19.32	-34.61
		644	3.26	-18.69	-54.33	-27.43	-45.58	-15.34	52.07	-68.15	-41.91	25.84	-49.66
465	37	643	2.98	-14.22	-48.78	-29.80	-33.20	-17.20	67.35	-52.27	-42.89	57.98	-32.14
		634	2.08	-23.86	-33.83	-30.58	-27.11	-4.67	44.40	-44.38	-39.19	39.21	-20.83
		635	1.99	-24.62	-37.20	-25.75	-36.08	-3.60	29.53	-45.49	-30.93	14.97	-29.67
		644	2.90	-16.24	-49.09	-24.32	-41.01	-14.15	43.20	-57.94	-35.20	20.46	-42.22
466	8	644	4.44	-26.27	-75.25	-36.47	-65.06	-19.89	71.12	-92.82	-54.42	32.73	-69.43
		635	3.05	-37.97	-56.98	-39.13	-55.82	-4.56	48.84	-72.31	-48.06	24.59	-48.48
		636	3.56	-30.32	-66.48	-30.66	-66.15	-3.46	16.82	-78.66	-35.69	-26.15	-47.50
		645	4.76	-24.16	-77.87	-28.56	-73.47	-14.72	25.78	-108.51	-43.91	-38.83	-67.10
466	32	644	3.31	-19.45	-56.30	-27.12	-48.64	-14.95	51.70	-68.19	-39.76	23.28	-50.99
		635	2.28	-28.20	-42.82	-29.09	-41.92	-3.51	35.41	-53.23	-35.13	17.32	-35.73
		636	2.64	-22.55	-49.85	-22.82	-49.58	-2.69	13.43	-56.98	-25.76	-17.79	-34.98
		645	3.53	-17.91	-58.22	-21.25	-54.88	-11.11	19.83	-78.76	-31.77	-27.17	-49.24
466	37	644	2.95	-17.01	-51.08	-24.07	-44.01	-13.81	42.89	-57.98	-33.38	18.30	-43.31
		635	2.05	-24.92	-39.34	-25.81	-38.45	-3.47	29.20	-45.47	-29.54	13.27	-30.59
		636	2.35	-20.02	-45.50	-20.31	-45.21	-2.72	13.59	-46.81	-20.99	-12.23	-29.88
		645	3.12	-15.71	-52.68	-18.91	-49.48	-10.38	18.67	-65.04	-26.04	-20.33	-41.76
467	7	645	4.87	-24.55	-79.74	-28.18	-76.11	-13.69	22.18	-110.85	-42.14	-46.54	-66.48
		636	3.67	-30.43	-68.11	-30.62	-67.92	-2.62	12.61	-80.66	-34.69	-33.36	-46.63
		637	4.52	-23.13	-74.57	-23.25	-74.44	-2.51	-12.08	-97.27	-26.16	-83.20	-31.64
		646	5.57	-20.69	-82.58	-22.26	-81.01	-9.73	-14.93	-137.88	-35.37	-117.44	-45.78
467	31	645	3.62	-18.24	-59.77	-21.01	-57.00	-10.36	17.39	-80.33	-30.39	-32.55	-48.85
		636	2.73	-22.68	-51.22	-22.83	-51.07	-2.06	10.57	-58.30	-24.94	-22.78	-34.42
		637	3.32	-17.28	-56.01	-17.38	-55.91	-1.97	-7.33	-67.78	-18.30	-56.82	-23.30
		646	4.10	-15.41	-61.84	-16.61	-60.63	-7.39	-9.54	-97.64	-25.07	-82.11	-33.58
467	37	645	3.21	-16.27	-54.94	-18.95	-52.26	-9.83	18.45	-65.21	-24.19	-22.56	-41.82
		636	2.44	-20.43	-47.62	-20.60	-47.44	-2.19	13.31	-46.87	-19.60	-13.95	-29.96
		637	2.84	-15.68	-51.86	-15.80	-51.74	-2.08	-0.80	-46.67	-12.71	-34.77	-20.11
		646	3.51	-13.85	-56.67	-15.06	-55.47	-7.09	-3.29	-72.07	-18.52	-56.83	-28.56
468	7	646	5.73	-21.20	-85.79	-22.70	-84.29	-9.72	-16.28	-137.35	-33.34	-120.30	-42.12
		637	4.63	-23.91	-77.23	-23.91	-77.23	-0.17	-13.13	-96.83	-24.77	-85.19	-28.97
		638	5.35	-16.23	-81.71	-16.52	-81.41	-4.38	-22.35	-116.55	-22.56	-116.33	-4.51
		647	6.37	-17.17	-87.53	-17.55	-87.15	-5.17	-33.08	-171.15	-33.41	-170.82	-6.71
468	31	646	4.21	-15.80	-64.32	-16.96	-63.16	-7.41	-10.56	-97.21	-23.58	-84.19	-30.96
		637	3.40	-17.87	-58.05	-17.87	-58.05	-0.19	-8.14	-67.41	-17.28	-58.27	-21.40
		638	3.90	-12.18	-61.39	-12.41	-61.15	-3.39	-15.07	-78.89	-15.24	-78.72	-3.28
		647	4.65	-12.86	-65.56	-13.15	-65.27	-3.90	-22.99	-119.19	-23.24	-118.94	-4.88
468	37	646	3.63	-14.21	-59.18	-15.40	-57.99	-7.19	-4.29	-71.55	-17.26	-58.58	-26.54
		637	2.92	-16.27	-53.91	-16.28	-53.90	-0.35	-1.65	-46.17	-11.82	-36.00	-18.69
		638	3.24	-11.24	-56.89	-11.50	-56.63	-3.45	-8.53	-45.88	-8.72	-45.69	-2.71
		647	3.88	-11.77	-60.13	-12.05	-59.85	-3.66	-15.44	-80.94	-15.69	-80.69	-4.03
469	7	649	10.19	53.54	-30.01	30.49	-6.95	37.34	382.67	-182.81	-22.73	222.59	254.75
		990	7.71	48.10	-23.95	29.82	-5.67	31.35	297.80	-77.41	55.04	165.35	179.31
		639	6.41	-2.46	-17.82	-15.21	-5.07	5.77	283.42	-158.26	-55.20	180.37	186.81
		648	10.18	4.39	-53.56	-52.89	3.73	6.16	464.20	-164.67	-24.91	324.45	261.45
469	31	649	7.44	40.18	-21.69	23.58	-5.09	27.41	272.71	-137.99	-18.36	153.09	186.60
		990	5.62	35.46	-17.41	22.49	-4.45	22.74	210.62	-62.98	37.34	110.30	131.85
		639	4.63	-2.04	-12.97	-11.12	-3.89	4.10	200.22	-119.52	-42.11	122.81	136.96
		648	7.38	3.23	-39.61	-39.16	2.78	4.35	332.66	-123.86	-20.10	228.90	191.32
469	37	649	6.23	37.14	-17.50	23.95	-4.31	23.39	206.80	-130.43	-21.07	97.43	157.86
		990	4.70	30.80	-14.37	21.13	-4.70	18.53	154.87	-74.40	22.00	58.47	113.18
		639	3.72	-2.48	-10.73	-9.36	-3.84	3.06	146.15	-113.29	-41.05	73.90	116.30
		648	6.03	2.78	-34.75	-34.49	2.51	3.15	258.00	-115.51	-22.96	165.46	161.25
470	7	648	8.71	-2.99	-50.47	-50.47	-2.99	0.02	396.99	-146.04	-72.70	327.65	181.24
		639	5.50	-0.66	-19.36	-16.07	-3.95	7.12	263.38	-93.82	-30.96	200.52	136.02
		641	5.53	-5.37	-49.02	-45.65	-8.73	-11.64	227.37	-97.80	-84.68	214.25	63.99

		650	7.42	-2.04	-84.84	-68.80	-18.08	-32.72	340.95	-80.74	-68.18	328.40	71.66
470	31	648	6.30	-2.26	-37.19	-37.19	-2.26	-0.16	282.91	-109.54	-57.87	231.24	132.69
		639	3.94	-0.82	-14.10	-11.79	-3.13	5.03	185.10	-71.98	-24.44	137.56	99.81
		641	3.99	-4.01	-36.43	-33.84	-6.61	-8.79	159.32	-73.10	-63.29	149.50	46.75
		650	5.38	-1.34	-63.06	-51.02	-13.37	-24.45	242.69	-60.21	-50.94	233.42	52.16
470	37	648	5.06	-2.12	-32.20	-32.18	-2.13	-0.72	214.17	-101.16	-54.39	167.40	112.07
		639	3.08	-1.79	-11.66	-10.04	-3.42	3.66	131.98	-72.00	-26.36	86.35	85.01
		641	3.17	-3.64	-32.52	-29.90	-6.26	-8.31	111.58	-66.66	-57.61	102.53	39.14
		650	4.42	-0.62	-56.30	-45.20	-11.72	-22.24	182.63	-54.42	-46.32	174.52	43.09
471	7	650	7.23	-5.11	-85.08	-65.49	-24.70	-34.40	331.74	-90.43	-82.78	324.09	56.31
		641	5.22	-7.84	-49.07	-44.66	-12.25	-12.74	228.19	-84.03	-73.98	218.14	55.10
		642	5.10	-13.32	-63.85	-51.47	-25.70	-21.73	183.48	-80.01	-79.91	183.38	-5.08
		651	6.59	-5.77	-95.00	-56.28	-44.49	-44.22	252.64	-77.60	-76.21	251.25	-21.39
471	31	650	5.25	-3.66	-63.28	-48.57	-18.37	-25.70	235.92	-67.33	-61.67	230.25	41.07
		641	3.75	-5.90	-36.52	-33.12	-9.30	-9.63	159.91	-62.96	-55.40	152.35	40.35
		642	3.71	-9.90	-47.58	-38.23	-19.24	-16.27	129.01	-59.32	-59.24	128.92	-3.94
		651	4.84	-4.12	-70.74	-41.83	-33.03	-33.02	179.87	-57.45	-56.38	178.80	-15.92
471	37	650	4.30	-2.84	-56.63	-43.02	-16.45	-23.38	176.83	-60.53	-55.49	171.80	34.20
		641	2.96	-5.46	-32.78	-29.31	-8.93	-9.09	112.05	-57.92	-50.78	104.91	34.09
		642	3.10	-8.83	-42.88	-34.06	-17.64	-14.91	91.79	-52.51	-52.40	91.67	-4.05
		651	4.16	-3.14	-63.56	-37.32	-29.37	-29.95	135.49	-50.58	-49.48	134.39	-14.29
472	8	651	6.42	-7.97	-97.43	-54.93	-50.47	-44.67	236.36	-80.25	-77.74	233.85	-28.09
		642	4.86	-15.78	-65.31	-50.84	-30.25	-22.52	167.32	-79.86	-79.39	166.86	-10.75
		643	4.43	-23.40	-67.91	-45.93	-45.37	-22.25	121.07	-83.11	-71.12	109.07	-48.01
		652	5.95	-11.38	-94.92	-41.74	-64.55	-40.18	164.59	-89.41	-68.89	144.08	-69.21
472	32	651	4.73	-5.79	-72.51	-40.78	-37.52	-33.32	168.87	-59.28	-57.38	166.98	-20.69
		642	3.55	-11.75	-48.64	-37.73	-22.67	-16.84	118.15	-59.07	-58.72	117.79	-7.97
		643	3.27	-17.36	-50.62	-34.10	-33.87	-16.63	86.30	-61.32	-52.30	77.28	-35.35
		652	4.41	-8.31	-70.65	-31.01	-47.95	-30.00	118.26	-65.90	-50.59	102.96	-50.83
472	37	651	4.08	-4.74	-64.60	-36.00	-33.34	-29.90	134.06	-51.08	-49.36	132.35	-17.73
		642	3.00	-10.48	-43.41	-33.25	-20.64	-15.21	90.92	-51.08	-50.75	90.58	-6.93
		643	2.85	-15.28	-45.31	-30.11	-30.47	-15.02	68.14	-52.71	-44.61	60.04	-30.21
		652	3.88	-6.92	-62.99	-27.44	-42.47	-27.01	95.28	-56.49	-43.00	81.79	-43.19
473	8	652	5.93	-12.90	-96.99	-40.61	-69.28	-39.53	163.74	-89.24	-66.07	140.57	-72.96
		643	4.39	-24.93	-69.37	-45.03	-49.27	-22.12	120.11	-82.63	-68.60	106.08	-51.45
		644	4.20	-27.52	-70.81	-36.51	-61.82	-17.56	71.85	-93.12	-57.61	36.34	-67.80
		653	5.73	-15.06	-92.57	-29.95	-77.68	-30.54	96.36	-110.15	-59.35	45.55	-88.95
473	32	652	4.40	-9.48	-72.26	-30.18	-51.55	-29.51	117.63	-65.77	-48.53	100.39	-53.53
		643	3.24	-18.52	-51.77	-33.45	-36.85	-16.54	85.60	-60.97	-50.46	75.09	-37.82
		644	3.12	-20.42	-52.87	-27.13	-46.16	-13.14	52.23	-68.41	-42.10	25.92	-49.81
		653	4.26	-11.09	-68.96	-22.27	-57.78	-22.84	70.13	-80.81	-43.33	32.65	-65.21
473	37	652	3.87	-8.06	-64.63	-26.73	-45.96	-26.60	94.75	-56.38	-41.25	79.62	-45.36
		643	2.83	-16.40	-46.53	-29.56	-33.37	-14.94	67.56	-52.42	-43.05	58.18	-32.20
		644	2.76	-17.98	-47.61	-24.02	-41.57	-11.94	43.34	-58.16	-35.36	20.54	-42.36
		653	3.76	-9.50	-61.65	-19.74	-51.41	-20.72	58.34	-68.49	-36.30	26.15	-55.19
474	8	653	5.80	-16.08	-95.23	-29.31	-82.01	-29.52	96.13	-110.23	-55.73	41.63	-90.97
		644	4.25	-28.33	-73.20	-36.11	-65.42	-16.99	71.33	-93.15	-54.64	32.82	-69.65
		645	4.64	-25.34	-77.01	-28.22	-74.13	-11.85	25.85	-108.85	-44.05	-38.95	-67.30
		654	6.06	-16.20	-92.65	-22.24	-86.60	-20.63	34.38	-139.92	-51.08	-54.45	-87.14
474	32	653	4.31	-11.88	-71.01	-21.80	-61.08	-22.09	69.96	-80.87	-40.68	29.78	-66.68
		644	3.16	-21.04	-54.72	-26.84	-48.91	-12.72	51.85	-68.43	-39.92	23.34	-51.15
		645	3.43	-18.83	-57.54	-20.99	-55.38	-8.90	19.88	-79.01	-31.87	-27.26	-49.39
		654	4.49	-11.98	-69.05	-16.54	-64.48	-15.48	25.98	-101.68	-37.01	-38.69	-63.82
474	37	653	3.82	-10.28	-63.71	-19.36	-54.64	-20.06	58.20	-68.53	-34.07	23.73	-56.39
		644	2.81	-18.59	-49.48	-23.80	-44.27	-11.56	43.02	-58.18	-33.51	18.36	-43.45
		645	3.02	-16.66	-51.96	-18.65	-49.97	-8.16	18.72	-65.25	-26.12	-20.40	-41.89
		654	3.93	-10.43	-61.87	-14.70	-57.60	-14.19	23.57	-84.21	-30.43	-30.21	-53.89
475	7	654	6.17	-16.72	-94.58	-21.73	-89.58	-19.09	31.58	-142.71	-48.67	-62.46	-86.87
		645	4.73	-25.69	-78.63	-27.90	-76.43	-10.57	22.23	-111.20	-42.27	-46.71	-66.68
		646	5.52	-21.22	-82.33	-22.09	-81.46	-7.21	-14.91	-138.02	-35.37	-117.57	-45.82
		655	6.87	-16.58	-93.37	-18.60	-91.35	-12.28	-20.17	-188.45	-46.95	-161.67	-61.56
475	31	654	4.57	-12.41	-70.65	-16.20	-66.86	-14.36	24.10	-103.56	-35.16	-44.30	-63.67
		645	3.51	-19.13	-58.90	-20.79	-57.24	-7.96	17.43	-80.58	-30.49	-32.67	-48.99
		646	4.06	-15.83	-61.64	-16.48	-60.98	-5.45	-9.52	-97.74	-25.07	-82.20	-33.61
		655	5.05	-12.33	-69.71	-13.87	-68.17	-9.27	-13.50	-134.71	-33.57	-114.64	-45.05
475	37	654	4.03	-11.00	-64.18	-14.60	-60.57	-13.37	23.54	-84.53	-28.18	-32.81	-53.99
		645	3.10	-17.18	-54.04	-18.74	-52.48	-7.42	18.49	-65.41	-24.26	-22.66	-41.94
		646	3.46	-14.29	-56.44	-14.93	-55.80	-5.14	-3.27	-72.15	-18.52	-56.91	-28.59
		655	4.32	-11.02	-63.21	-12.52	-61.71	-8.72	-7.15	-103.38	-25.74	-84.80	-37.99
476	7	655	7.04	-17.05	-96.68	-18.88	-94.85	-11.95	-21.67	-188.19	-44.16	-165.70	-56.92
		646	5.61	-22.20	-84.87	-22.53	-84.54	-4.55	-16.27	-137.48	-33.32	-120.43	-42.14
		647	6.40	-16.85	-88.16	-17.70	-87.32	-7.73	-33.00	-170.83	-33.32	-170.51	-6.66
		656	7.78	-18.39	-95.31	-18.88	-94.82	-6.16	-48.14	-247.05	-48.61	-246.59	-9.58
476	31	655	5.18	-12.68	-72.26	-14.09	-70.85	-9.05	-14.63	-134.48	-31.52	-117.58	-41.71
		646	4.12	-16.57	-63.60	-16.82	-63.35	-3.43	-10.56	-97.30	-23.57	-84.29	-30.97
		647	4.67	-12.60	-66.05	-13.26	-65.40	-5.86	-22.93	-118.96	-23.18	-118.71	-4.85
		656	5.68	-13.73	-71.19	-14.10	-70.82	-4.62	-34.06	-174.94	-34.40	-174.60	-6.97

476	37	655	4.44	-11.35	-65.79	-12.75	-64.38	-8.63	-8.21	-103.06	-24.02	-87.25	-35.35
		646	3.53	-15.02	-58.41	-15.26	-58.17	-3.21	-4.28	-71.62	-17.24	-58.66	-26.55
		647	3.90	-11.51	-60.61	-12.16	-59.96	-5.61	-15.39	-80.76	-15.64	-80.51	-4.01
		656	4.74	-12.46	-64.67	-12.81	-64.32	-4.26	-24.92	-128.61	-25.24	-128.29	-5.75
477	7	658	17.04	56.91	-64.07	1.55	-8.71	60.27	605.44	-346.66	-106.51	365.29	413.49
		991	12.20	63.56	-45.54	13.51	4.50	54.36	497.61	-52.48	125.59	319.55	257.38
		648	9.95	-4.25	-51.56	-51.37	-4.43	2.93	437.64	-213.05	-75.56	300.15	265.63
		657	15.88	3.86	-127.74	-127.20	3.32	-8.40	736.63	-185.89	-25.13	575.86	349.95
477	31	658	12.45	43.61	-46.41	3.31	-6.10	44.76	435.92	-256.48	-79.36	258.80	302.10
		991	8.90	47.04	-33.05	10.92	3.07	39.86	357.29	-43.90	88.87	224.52	188.78
		648	7.23	-3.10	-37.96	-37.82	-3.24	2.19	313.27	-158.78	-56.68	211.17	194.34
		657	11.59	3.05	-94.97	-94.56	2.65	-6.29	531.83	-138.40	-20.02	413.45	255.59
477	37	658	10.46	43.24	-37.71	9.80	-4.27	39.85	344.65	-225.41	-71.48	190.71	253.09
		991	7.43	41.44	-27.05	12.54	1.85	33.83	279.45	-55.13	65.12	159.20	160.54
		648	5.92	-2.58	-32.76	-32.62	-2.71	2.01	241.80	-143.38	-52.25	150.67	163.69
		657	9.69	3.32	-84.86	-84.48	2.94	-5.77	425.13	-124.40	-22.13	322.85	213.88
478	7	657	13.65	-6.95	-122.52	-116.77	-12.71	-25.14	628.30	-171.62	-105.43	562.11	220.37
		648	8.76	1.25	-47.64	-46.78	0.39	6.42	412.96	-111.31	-30.86	332.50	188.96
		650	7.79	-4.45	-84.15	-70.54	-18.06	-29.99	336.56	-107.69	-95.92	324.79	71.35
		659	11.25	0.46	-146.16	-94.76	-50.94	-69.96	482.29	-62.15	-57.07	477.21	52.32
478	31	657	9.93	-4.95	-90.61	-86.33	-9.23	-18.66	452.16	-127.34	-78.50	403.31	161.00
		648	6.34	0.82	-35.05	-34.44	0.21	4.64	294.79	-84.12	-24.17	234.85	138.28
		650	5.66	-3.21	-62.44	-52.28	-13.36	-22.32	239.46	-80.00	-71.31	230.77	51.96
		659	8.22	0.59	-108.56	-70.36	-37.61	-52.06	346.22	-46.21	-42.53	342.54	37.85
478	37	657	8.21	-3.71	-79.46	-75.63	-7.54	-16.60	356.66	-113.08	-70.51	314.08	134.86
		648	5.10	0.41	-30.16	-29.70	-0.05	3.74	224.89	-79.77	-25.51	170.63	116.57
		650	4.64	-2.54	-55.39	-46.20	-11.72	-20.03	179.83	-71.32	-63.73	172.24	43.01
		659	6.88	1.30	-96.67	-62.61	-32.76	-46.66	270.21	-41.33	-38.31	267.20	30.48
479	7	659	11.40	-4.14	-146.36	-87.99	-62.50	-69.95	471.17	-76.45	-73.89	468.60	37.36
		650	7.26	-6.10	-81.35	-65.77	-21.69	-30.49	333.74	-87.39	-79.19	325.54	58.18
		651	6.54	-8.50	-94.01	-57.12	-45.39	-42.35	253.88	-80.77	-79.33	252.44	-21.88
		660	9.40	-0.68	-134.10	-51.56	-83.22	-64.80	330.78	-65.05	-59.20	324.94	-47.75
479	31	659	8.32	-2.88	-108.71	-65.31	-46.27	-52.05	338.09	-56.72	-54.86	336.22	27.06
		650	5.27	-4.48	-60.43	-48.76	-16.15	-22.73	237.40	-65.09	-59.02	231.32	42.44
		651	4.80	-6.23	-69.92	-42.43	-33.71	-31.55	180.77	-59.78	-58.67	179.67	-16.28
		660	6.87	-0.34	-99.68	-38.35	-61.67	-48.28	237.22	-48.13	-43.72	232.80	-35.23
479	37	659	6.97	-1.93	-96.82	-58.02	-40.73	-46.65	263.36	-50.32	-48.78	261.82	21.91
		650	4.30	-3.84	-53.82	-43.15	-14.51	-20.48	178.12	-58.58	-53.19	172.72	35.32
		651	4.10	-5.28	-62.55	-37.80	-30.03	-28.37	136.25	-52.57	-51.44	135.11	-14.60
		660	5.78	0.25	-89.02	-34.33	-54.45	-43.49	184.37	-42.34	-38.12	180.16	-30.62
480	7	660	9.55	-3.18	-136.87	-50.69	-89.37	-63.98	329.99	-66.30	-58.93	322.61	-53.56
		651	6.32	-10.28	-93.27	-54.29	-49.27	-41.42	251.35	-78.20	-75.84	248.99	-27.76
		652	5.72	-13.76	-92.20	-41.03	-64.93	-37.35	172.88	-88.18	-68.52	153.21	-68.89
		661	7.42	-3.57	-120.34	-29.91	-94.00	-48.81	216.98	-85.64	-55.20	186.54	-91.03
480	31	660	6.99	-2.22	-101.79	-37.70	-66.32	-47.68	236.63	-49.05	-43.52	231.09	-39.38
		651	4.63	-7.59	-69.43	-40.34	-36.68	-30.86	178.93	-57.89	-56.10	177.14	-20.49
		652	4.23	-10.17	-68.65	-30.52	-48.31	-27.85	123.82	-65.08	-50.36	109.09	-50.64
		661	5.44	-2.53	-89.49	-22.27	-69.75	-36.43	156.14	-63.16	-40.49	133.47	-66.76
480	37	660	5.89	-1.53	-91.08	-33.73	-58.88	-42.97	183.85	-43.11	-37.96	178.70	-33.80
		651	3.96	-6.61	-62.30	-35.97	-32.94	-27.80	134.70	-50.96	-49.23	132.97	-17.84
		652	3.74	-8.89	-61.68	-27.29	-43.27	-25.16	95.76	-56.73	-43.16	82.19	-43.42
		661	4.63	-1.87	-80.05	-20.00	-61.93	-32.99	123.16	-54.88	-34.45	102.73	-56.75
481	8	661	7.48	-5.18	-124.48	-29.85	-99.80	-48.32	209.68	-86.72	-51.98	174.94	-95.34
		652	5.73	-15.19	-94.72	-40.21	-69.70	-36.93	164.44	-89.39	-66.05	141.10	-73.34
		653	5.55	-16.94	-91.26	-29.48	-78.71	-27.84	96.74	-110.55	-59.56	45.74	-89.28
		662	6.82	-6.08	-111.72	-19.01	-98.79	-34.63	120.17	-120.01	-53.33	53.48	-107.57
481	32	661	5.50	-3.75	-92.54	-22.20	-74.09	-36.03	151.28	-63.87	-38.12	125.54	-69.83
		652	4.24	-11.25	-70.50	-29.87	-51.87	-27.51	118.15	-65.88	-48.51	100.78	-53.80
		653	4.12	-12.54	-67.92	-21.90	-58.56	-20.76	70.40	-81.10	-43.48	32.78	-65.46
		662	5.06	-4.43	-83.02	-14.14	-73.31	-25.86	87.47	-87.96	-38.89	38.40	-78.74
481	37	661	4.73	-3.03	-82.19	-19.71	-65.51	-32.28	123.16	-54.65	-32.28	100.80	-58.97
		652	3.72	-9.86	-62.83	-26.42	-46.27	-24.55	95.19	-56.47	-41.23	79.95	-45.60
		653	3.63	-10.98	-60.55	-19.38	-52.15	-18.60	58.57	-68.73	-36.43	26.27	-55.40
		662	4.46	-3.65	-73.65	-12.54	-64.76	-23.31	72.78	-74.37	-32.50	30.91	-66.39
482	8	662	6.90	-7.00	-114.72	-18.43	-103.29	-33.18	120.59	-119.79	-48.93	49.73	-109.60
		653	5.61	-17.80	-93.64	-28.81	-82.63	-26.71	96.48	-110.66	-55.96	41.79	-91.31
		654	5.94	-17.32	-91.93	-21.81	-87.44	-17.75	34.47	-140.64	-51.54	-54.63	-87.54
		663	7.22	-7.93	-106.58	-13.18	-101.33	-22.15	41.66	-166.96	-54.31	-71.00	-103.97
482	32	662	5.12	-5.14	-85.33	-13.72	-76.75	-24.79	87.77	-87.79	-35.68	35.66	-80.21
		653	4.16	-13.20	-69.76	-21.42	-61.55	-19.93	70.22	-81.18	-40.85	29.89	-66.93
		654	4.39	-12.85	-68.48	-16.22	-65.12	-13.26	26.04	-102.21	-37.34	-38.82	-64.12
		663	5.33	-5.84	-79.23	-9.80	-75.27	-16.59	31.14	-121.40	-39.38	-50.87	-76.06
482	37	662	4.52	-4.36	-75.96	-12.21	-68.10	-22.38	73.03	-74.23	-29.80	28.61	-67.59
		653	3.67	-11.63	-62.42	-18.99	-55.06	-17.88	58.42	-68.80	-34.20	23.83	-56.60
		654	3.84	-11.33	-61.25	-14.39	-58.19	-11.97	23.63	-84.65	-30.70	-30.33	-54.14
		663	4.65	-5.00	-70.42	-8.70	-66.72	-15.11	27.60	-100.69	-32.46	-40.63	-64.01
483	7	663	7.33	-8.35	-108.75	-12.60	-104.50	-20.21	40.09	-169.79	-51.35	-78.34	-104.07

		654	6.03	-17.85	-93.62	-21.36	-90.12	-15.93	31.57	-143.52	-49.15	-62.80	-87.28
		655	6.82	-17.14	-93.15	-18.41	-91.88	-9.74	-20.30	-189.12	-47.29	-162.14	-61.87
		664	8.21	-11.38	-103.66	-12.84	-102.20	-11.51	-27.53	-244.83	-59.96	-212.41	-77.43
483	31	663	5.42	-6.18	-81.00	-9.40	-77.79	-15.18	30.14	-123.31	-37.15	-56.02	-76.14
		654	4.46	-13.28	-69.89	-15.91	-67.26	-11.92	24.10	-104.16	-35.51	-44.55	-63.97
		655	5.01	-12.77	-69.52	-13.73	-68.56	-7.31	-13.59	-135.19	-33.81	-114.98	-45.27
		664	6.03	-8.44	-77.18	-9.56	-76.06	-8.68	-19.01	-175.98	-43.11	-151.88	-56.59
483	37	663	4.75	-5.42	-72.89	-8.48	-69.83	-14.04	28.01	-100.94	-29.94	-42.99	-64.14
		654	3.92	-11.89	-63.37	-14.33	-60.94	-10.93	23.55	-85.03	-28.46	-33.02	-54.24
		655	4.28	-11.48	-63.00	-12.38	-62.09	-6.77	-7.22	-103.79	-25.93	-85.08	-38.17
		664	5.14	-7.49	-69.32	-8.58	-68.23	-8.15	-12.28	-138.16	-33.88	-116.56	-47.47
484	7	664	8.40	-11.77	-106.98	-13.01	-105.74	-10.81	-28.80	-245.42	-56.63	-217.59	-72.48
		655	6.92	-18.13	-95.82	-18.70	-95.25	-6.65	-21.81	-189.06	-44.39	-166.48	-57.16
		656	7.80	-18.05	-96.02	-19.04	-95.02	-8.76	-47.94	-246.48	-48.39	-246.03	-9.42
		665	9.50	-19.72	-102.17	-19.88	-102.01	-3.62	-68.70	-348.95	-69.39	-348.25	-13.97
484	31	664	6.17	-8.74	-79.74	-9.70	-78.78	-8.20	-19.96	-176.39	-40.68	-155.67	-53.02
		655	5.08	-13.52	-71.58	-13.95	-71.15	-4.98	-14.73	-135.11	-31.69	-118.15	-41.88
		656	5.70	-13.46	-71.73	-14.22	-70.97	-6.62	-33.91	-174.52	-34.24	-174.19	-6.85
		665	6.93	-14.69	-76.12	-14.81	-76.00	-2.72	-49.11	-249.56	-49.62	-249.04	-10.16
484	37	664	5.28	-7.77	-71.91	-8.74	-70.94	-7.83	-13.14	-138.42	-31.82	-119.74	-44.62
		655	4.35	-12.22	-65.05	-12.61	-64.66	-4.55	-8.28	-103.57	-24.14	-87.71	-35.49
		656	4.76	-12.18	-65.21	-12.92	-64.46	-6.25	-24.80	-128.26	-25.11	-127.96	-5.65
		665	5.79	-13.21	-68.53	-13.33	-68.41	-2.51	-37.64	-191.67	-38.10	-191.22	-8.38
485	7	667	29.81	-99.67	-175.47	-153.47	-121.67	-34.41	1086.54	-1001.75	-577.78	662.57	840.01
		992	20.94	118.60	-100.33	-13.06	31.32	107.19	791.92	-16.18	306.51	469.24	395.77
		657	18.16	18.45	-158.77	-150.47	10.15	-37.44	698.85	-378.82	-221.03	541.07	380.98
		666	22.38	-119.75	-224.97	-222.22	-122.51	-16.80	1235.20	47.46	133.79	1148.88	308.36
485	31	667	21.73	-72.36	-125.58	-108.86	-89.08	-24.70	787.14	-733.54	-422.64	476.24	613.29
		992	15.33	87.94	-73.25	-7.92	22.61	79.14	572.86	-16.91	221.14	334.81	289.36
		657	13.28	14.11	-117.31	-111.34	8.14	-27.36	504.16	-278.70	-162.65	388.10	278.18
		666	16.35	-89.03	-168.64	-166.62	-91.05	-12.53	896.14	33.32	96.47	832.99	224.71
485	37	667	18.06	-58.45	-97.43	-80.65	-75.23	-19.30	637.88	-619.94	-355.71	373.65	512.38
		992	12.95	77.97	-61.33	-1.43	18.07	68.96	461.63	-30.81	176.23	254.58	243.09
		657	11.18	13.88	-102.55	-97.83	9.16	-22.94	401.67	-239.82	-140.01	301.86	232.52
		666	13.73	-79.53	-155.11	-153.37	-81.27	-11.32	730.36	23.52	76.67	677.21	186.41
486	7	666	22.83	-35.96	-318.04	-253.45	-100.55	-118.52	1028.94	-74.50	-47.59	1002.04	170.19
		657	13.80	2.10	-109.16	-107.50	0.44	-13.46	634.55	-145.87	-73.08	561.76	226.95
		659	11.93	-3.35	-162.55	-107.08	-58.82	-75.86	497.84	-81.68	-77.66	493.83	48.08
		668	17.63	14.74	-221.68	-63.80	-143.14	-111.35	584.94	-17.39	-17.36	584.91	4.54
486	31	666	16.72	-26.32	-235.81	-187.97	-74.16	-87.94	744.86	-55.50	-35.83	725.20	123.90
		657	10.04	1.65	-80.72	-79.50	0.43	-9.97	456.84	-108.43	-54.71	403.13	165.76
		659	8.71	-2.30	-120.55	-79.45	-43.41	-56.31	357.55	-60.59	-57.67	354.64	34.78
		668	12.93	11.11	-164.67	-47.47	-106.09	-82.86	421.48	-13.08	-13.06	421.47	2.76
486	37	666	14.14	-22.20	-208.68	-166.51	-64.37	-78.01	601.77	-49.95	-33.45	585.27	102.39
		657	8.29	1.78	-70.77	-69.69	0.69	-8.81	360.97	-96.90	-50.10	314.17	138.70
		659	7.29	-1.47	-106.78	-70.49	-37.77	-50.05	279.59	-53.70	-51.33	277.22	28.01
		668	10.98	10.42	-146.71	-42.54	-93.75	-74.27	334.12	-12.18	-12.18	334.12	0.48
487	7	668	18.90	-4.90	-247.56	-87.73	-164.74	-115.06	631.21	-22.66	-22.66	631.21	-0.44
		659	10.74	-3.55	-137.47	-86.62	-54.40	-64.99	469.23	-73.75	-71.85	467.33	32.07
		660	9.74	-2.48	-141.23	-54.89	-88.83	-67.27	335.94	-64.62	-58.53	329.85	-49.02
		669	13.22	6.97	-171.54	-20.18	-144.39	-64.10	397.41	-45.80	-32.47	384.08	-75.70
487	31	668	13.86	-3.48	-183.85	-65.19	-122.14	-85.57	455.20	-17.01	-17.01	455.20	-0.73
		659	7.83	-2.51	-102.05	-64.30	-40.27	-48.30	336.69	-54.73	-53.35	335.32	23.19
		660	7.12	-1.74	-104.89	-40.79	-65.84	-50.03	240.98	-47.83	-43.23	236.38	-36.16
		669	9.68	5.25	-127.38	-15.06	-107.07	-47.77	286.01	-33.89	-23.90	276.02	-55.63
487	37	668	11.79	-2.59	-163.67	-58.16	-108.10	-76.57	362.08	-15.71	-15.70	362.07	-1.94
		659	6.52	-1.84	-90.71	-57.13	-35.41	-43.09	262.26	-48.58	-47.45	261.14	18.65
		660	5.99	-1.22	-93.38	-36.42	-58.19	-44.78	187.52	-42.11	-37.73	183.14	-31.39
		669	8.19	4.93	-113.37	-13.64	-94.79	-43.04	225.63	-29.84	-20.61	216.41	-47.66
488	7	669	13.38	-0.66	-180.36	-30.16	-150.86	-66.57	403.63	-41.58	-26.96	389.02	-79.32
		660	9.50	-4.19	-134.39	-48.64	-89.94	-61.74	331.87	-66.33	-57.99	323.52	-57.05
		661	7.50	-5.57	-120.75	-29.97	-96.35	-47.06	219.08	-85.92	-54.40	187.55	-92.86
		670	9.59	1.77	-141.71	-12.03	-127.90	-42.31	253.78	-75.91	-35.31	213.17	-108.34
488	31	669	9.81	-0.40	-134.01	-22.46	-111.96	-49.60	290.53	-30.79	-19.89	279.62	-58.18
		660	6.94	-3.04	-99.88	-36.17	-66.75	-45.94	238.02	-49.08	-42.82	231.76	-41.93
		661	5.50	-4.08	-89.74	-22.30	-71.52	-35.05	157.68	-63.37	-39.90	134.21	-68.09
		670	7.04	1.38	-105.21	-8.97	-94.86	-31.56	182.98	-55.93	-25.82	152.88	-79.28
488	37	669	8.32	-0.10	-119.50	-20.19	-99.41	-44.67	229.32	-27.19	-17.26	219.39	-49.49
		660	5.83	-2.49	-89.15	-32.35	-59.28	-41.18	185.08	-43.14	-37.34	179.27	-35.92
		661	4.67	-3.44	-80.08	-19.98	-63.55	-31.52	124.47	-55.08	-33.95	103.34	-57.86
		670	5.99	1.43	-93.58	-8.11	-84.04	-28.55	145.52	-48.43	-21.72	118.81	-66.83
489	7	670	9.74	-0.47	-145.87	-13.25	-133.09	-41.17	255.39	-74.41	-30.05	211.03	-112.52
		661	7.59	-6.44	-121.89	-28.19	-100.14	-45.14	219.04	-86.20	-51.12	183.96	-97.35
		662	6.61	-7.33	-109.98	-18.11	-99.20	-31.48	123.57	-120.97	-53.80	56.41	-109.15
		671	7.16	-0.12	-123.20	-6.95	-116.37	-28.17	141.31	-118.75	-38.50	61.06	-120.12
489	31	670	7.15	-0.31	-108.39	-9.89	-98.80	-30.72	184.16	-54.82	-21.99	151.32	-82.28
		661	5.57	-4.75	-90.65	-20.99	-74.42	-33.63	157.65	-63.57	-37.50	131.59	-71.32

		662	4.91	-5.41	-81.77	-13.48	-73.71	-23.47	89.85	-88.69	-39.21	40.37	-79.91
		671	5.31	-0.04	-91.46	-5.18	-86.32	-21.05	102.64	-86.97	-28.03	43.70	-87.76
489	37	670	6.10	-0.12	-96.67	-8.95	-87.84	-27.83	146.49	-47.49	-18.51	117.51	-69.15
		661	4.74	-4.12	-81.12	-18.84	-66.40	-30.28	124.45	-55.23	-31.92	101.14	-60.37
		662	4.35	-4.72	-73.10	-12.09	-65.73	-21.20	73.88	-75.30	-32.53	31.10	-67.47
		671	4.71	0.11	-81.30	-4.67	-76.52	-19.15	84.07	-73.56	-23.17	33.67	-73.51
490	8	671	7.35	-0.97	-127.87	-6.87	-121.97	-26.71	140.61	-118.17	-32.59	55.03	-121.75
		662	6.76	-8.12	-113.81	-17.67	-104.26	-30.30	122.30	-121.43	-49.04	49.91	-111.37
		663	7.13	-8.54	-106.29	-12.51	-102.33	-19.29	42.78	-169.00	-55.33	-70.90	-105.60
		672	7.89	-1.26	-114.36	-4.25	-111.38	-18.14	49.54	-180.99	-44.66	-86.79	-113.32
490	32	671	5.45	-0.70	-94.92	-5.13	-90.49	-19.94	102.27	-86.53	-23.74	39.49	-88.95
		662	5.02	-6.01	-84.60	-13.14	-77.47	-22.57	89.02	-88.99	-35.75	35.79	-81.50
		663	5.26	-6.33	-78.99	-9.29	-76.02	-14.39	31.96	-122.90	-40.13	-50.81	-77.25
		672	5.82	-0.90	-84.83	-3.16	-82.57	-13.58	36.67	-131.58	-32.44	-62.47	-82.78
490	37	671	4.80	-0.53	-83.97	-4.60	-79.89	-17.98	84.93	-73.01	-19.79	31.72	-74.65
		662	4.41	-5.28	-75.15	-11.67	-68.76	-20.15	74.09	-75.23	-29.86	28.72	-68.67
		663	4.57	-5.54	-70.12	-8.23	-67.43	-12.90	28.29	-101.95	-33.08	-40.58	-65.01
		672	5.05	-0.68	-74.85	-2.80	-72.74	-12.33	31.78	-109.10	-26.83	-50.49	-69.44
491	7	672	8.04	-1.06	-116.86	-3.44	-114.48	-16.42	50.27	-182.16	-39.55	-92.35	-113.18
		663	7.22	-9.14	-108.42	-12.08	-105.49	-16.83	40.49	-171.82	-52.80	-78.52	-105.37
		664	8.17	-11.75	-103.40	-12.63	-102.51	-8.95	-27.82	-247.22	-62.21	-212.83	-79.76
		673	9.31	-4.87	-110.21	-5.43	-109.65	-7.66	-31.53	-292.70	-63.46	-260.77	-85.55
491	31	672	5.94	-0.77	-86.84	-2.58	-85.04	-12.32	37.29	-132.27	-28.67	-66.31	-82.66
		663	5.34	-6.79	-80.73	-9.00	-78.52	-12.58	30.44	-124.80	-38.20	-56.15	-77.10
		664	5.99	-8.73	-76.97	-9.40	-76.30	-6.71	-19.20	-177.75	-44.74	-152.20	-58.29
		673	6.82	-3.60	-81.83	-4.03	-81.40	-5.80	-22.18	-210.99	-45.84	-187.33	-62.51
491	37	672	5.16	-0.64	-77.49	-2.36	-75.77	-11.37	33.07	-108.18	-23.29	-51.82	-69.17
		663	4.66	-6.07	-72.53	-8.11	-70.49	-11.46	28.30	-102.20	-30.80	-43.11	-64.96
		664	5.10	-7.79	-69.11	-8.42	-68.48	-6.18	-12.34	-139.71	-35.19	-116.86	-48.87
		673	5.79	-3.15	-72.80	-3.58	-72.36	-5.50	-15.76	-167.59	-36.72	-146.63	-52.38
492	7	673	9.43	-4.67	-112.96	-5.09	-112.55	-6.68	-30.60	-291.20	-60.42	-261.38	-82.96
		664	8.34	-12.63	-106.91	-12.92	-106.62	-5.24	-29.62	-249.79	-58.67	-220.73	-74.52
		665	9.50	-19.61	-102.27	-20.08	-101.80	-6.23	-68.54	-348.86	-69.24	-348.16	-13.97
		674	11.53	-19.56	-106.76	-19.68	-106.64	3.23	-95.43	-482.28	-96.48	-481.23	-20.17
492	31	673	6.92	-3.46	-83.97	-3.79	-83.65	-5.11	-21.50	-209.96	-43.62	-187.84	-60.66
		664	6.12	-9.41	-79.65	-9.63	-79.44	-3.92	-20.53	-179.57	-42.15	-157.95	-54.50
		665	6.94	-14.60	-76.21	-14.96	-75.85	-4.72	-48.99	-249.49	-49.50	-248.97	-10.16
		674	8.41	-14.53	-79.32	-14.62	-79.23	2.39	-68.66	-347.07	-69.44	-346.29	-14.71
492	37	673	5.90	-3.05	-75.01	-3.40	-74.66	-5.02	-15.19	-166.93	-34.86	-147.26	-50.97
		664	5.22	-8.46	-71.73	-8.66	-71.53	-3.57	-13.54	-141.06	-32.99	-121.61	-45.85
		665	5.79	-13.10	-68.66	-13.47	-68.29	-4.51	-37.53	-191.60	-37.98	-191.14	-8.37
		674	7.01	-12.96	-70.72	-13.03	-70.65	2.09	-54.11	-273.67	-54.79	-272.98	-12.23
493	8	28	241.45	250.51	-1313.57	-281.15	-781.92	-740.87	1.089e+04	-705.92	3308.32	6878.13	5517.63
		993	52.80	44.12	-781.92	-203.02	-534.77	378.25	962.52	-1384.66	775.44	-1197.58	-635.71
		666	59.80	341.27	-498.48	-166.66	9.45	-410.54	1721.95	-335.21	110.46	1276.29	847.46
		675	84.24	2.68	-947.24	-166.82	-777.74	363.71	706.13	-2809.01	-1362.25	-740.62	-1729.87
493	32	28	177.20	186.13	-970.76	-204.82	-579.81	-547.22	7965.58	-521.29	2418.61	5025.68	4038.26
		993	38.86	34.08	-577.65	-147.27	-396.30	279.37	700.00	-1023.05	561.82	-884.87	-467.97
		666	43.98	252.01	-368.77	-124.22	7.46	-303.33	1254.86	-246.65	81.26	926.94	620.36
		675	61.93	-0.82	-702.18	-125.47	-577.53	268.12	514.61	-2061.19	-996.54	-550.05	-1268.40
493	37	28	150.96	164.79	-845.74	-170.67	-510.28	-475.88	6707.71	-452.23	2034.90	4220.57	3409.09
		993	33.44	33.54	-502.44	-121.07	-347.83	242.82	581.46	-886.72	461.25	-766.52	-402.53
		666	37.73	218.86	-322.15	-111.03	7.75	-263.91	1047.46	-211.19	69.66	766.60	524.04
		675	53.05	-8.10	-617.28	-115.14	-510.25	231.84	430.00	-1752.10	-839.92	-482.18	-1076.29
494	7	675	61.89	-194.58	-900.82	-376.68	-718.72	-308.95	1597.85	284.38	364.64	1517.59	314.61
		666	23.32	109.09	-196.62	-138.00	50.48	-120.34	806.36	-154.32	-154.31	806.34	-3.79
		668	25.20	-23.07	-373.49	-161.35	-235.20	-171.27	676.73	79.36	87.51	668.58	69.31
		676	29.44	176.16	-238.48	176.03	-238.35	7.47	686.04	-158.29	-157.34	685.09	-28.30
494	31	675	45.63	-144.49	-668.96	-279.25	-534.20	-229.17	1161.44	207.52	266.19	1102.77	229.19
		666	17.13	81.62	-145.97	-102.16	37.81	-89.73	582.15	-113.43	-113.41	582.13	-3.35
		668	18.53	-17.11	-277.09	-119.89	-174.32	-127.11	488.40	57.59	63.51	482.49	50.12
		676	21.64	130.57	-177.33	130.48	-177.24	5.25	495.20	-115.53	-114.79	494.46	-21.24
494	37	675	39.58	-128.57	-595.36	-247.01	-476.91	-203.12	953.77	173.02	222.30	904.49	189.86
		666	14.63	74.57	-129.79	-89.90	34.68	-81.00	465.15	-97.23	-97.19	465.11	-4.68
		668	15.93	-15.16	-245.78	-106.91	-154.03	-112.88	389.70	47.00	51.81	384.88	40.33
		676	18.55	115.41	-158.58	115.36	-158.53	3.73	395.40	-96.41	-95.63	394.62	-19.62
495	7	676	25.38	-26.92	-313.52	-38.13	-302.32	-55.55	726.61	27.74	27.75	726.60	-2.07
		668	19.28	17.20	-233.96	-44.87	-171.90	-108.34	638.21	-44.44	-42.11	635.87	-39.87
		669	13.31	-6.78	-185.79	-38.08	-154.49	-67.99	409.39	-39.42	-19.78	389.75	-91.80
		677	16.52	20.84	-190.02	18.57	-187.76	-21.72	432.24	-34.08	-28.75	426.91	-49.54
495	31	676	18.65	-19.98	-233.12	-28.33	-224.76	-41.35	524.83	20.20	20.21	524.82	-2.09
		668	14.13	12.87	-173.74	-33.39	-127.48	-80.58	460.42	-32.91	-31.14	458.65	-29.48
		669	9.75	-4.98	-137.93	-28.31	-114.60	-50.58	294.77	-29.28	-14.62	280.10	-67.35
		677	12.12	15.48	-141.07	13.79	-139.38	-16.18	311.18	-24.96	-20.96	307.19	-36.44
495	37	676	15.95	-17.75	-208.39	-25.28	-200.86	-37.13	420.18	16.70	16.74	420.15	-3.61
		668	11.99	11.77	-154.62	-29.93	-112.92	-72.11	366.79	-28.99	-27.29	365.10	-25.83
		669	8.26	-4.23	-122.65	-25.30	-101.58	-45.29	233.00	-26.15	-12.78	219.63	-57.32

		677	10.30	13.79	-125.40	12.25	-123.86	-14.58	245.82	-21.13	-17.40	242.09	-31.35
496	7	677	16.26	-2.21	-201.59	-5.03	-198.77	-23.56	433.66	-18.20	-9.51	424.97	-62.08
		669	13.73	3.34	-180.50	-21.14	-156.02	-62.46	420.91	-56.05	-31.53	396.39	-105.32
		670	9.72	-1.33	-142.86	-13.69	-130.49	-39.96	274.11	-94.01	-36.92	217.03	-133.25
		678	10.98	3.76	-149.34	2.03	-147.62	-16.14	251.10	-42.56	-17.46	226.00	-82.10
496	31	677	11.93	-1.65	-149.76	-3.76	-147.65	-17.56	312.24	-13.43	-6.93	305.74	-45.56
		669	10.06	2.51	-134.07	-15.75	-115.81	-46.48	303.22	-41.41	-23.19	285.00	-77.10
		670	7.12	-0.96	-106.04	-10.19	-96.81	-29.74	197.87	-69.19	-26.99	155.67	-97.41
		678	8.06	2.80	-110.75	1.51	-109.46	-12.02	180.72	-31.32	-12.72	162.12	-59.99
496	37	677	10.15	-1.48	-133.44	-3.40	-131.52	-15.82	246.78	-11.73	-5.76	240.81	-38.83
		669	8.52	2.34	-119.42	-14.17	-102.90	-41.69	240.18	-36.22	-19.92	223.88	-65.11
		670	6.05	-0.76	-94.21	-9.12	-85.85	-26.68	158.11	-59.67	-22.65	121.08	-81.80
		678	6.86	2.53	-98.07	1.36	-96.90	-10.80	142.63	-27.04	-10.53	126.12	-50.28
497	7	678	11.13	0.27	-154.18	-1.01	-152.90	-13.97	253.34	-41.19	-12.21	224.36	-87.73
		670	9.96	-0.36	-145.73	-10.92	-135.17	-37.73	276.81	-94.36	-32.67	215.12	-138.18
		671	7.47	-1.11	-123.02	-6.54	-117.58	-25.16	165.41	-142.28	-40.56	63.69	-144.75
		679	7.34	1.33	-124.41	0.33	-123.41	-11.16	125.04	-79.21	-13.91	59.74	-95.25
497	31	678	8.17	0.19	-114.43	-0.76	-113.47	-10.42	182.37	-30.33	-8.89	160.93	-64.04
		670	7.31	-0.25	-108.25	-8.14	-100.36	-28.10	199.85	-69.43	-23.88	154.30	-100.95
		671	5.53	-0.81	-91.30	-4.87	-87.24	-18.74	120.21	-104.12	-29.53	45.62	-105.69
		679	5.41	1.00	-92.18	0.25	-91.43	-8.32	90.52	-58.01	-10.13	42.64	-69.42
497	37	678	6.98	0.15	-101.64	-0.72	-100.76	-9.41	144.04	-26.24	-7.34	125.15	-53.48
		670	6.23	-0.19	-96.43	-7.34	-89.27	-25.24	159.75	-59.81	-20.05	119.98	-84.56
		671	4.86	-0.66	-81.08	-4.35	-77.39	-16.83	98.65	-87.80	-24.42	35.26	-88.32
		679	4.67	0.93	-81.37	0.24	-80.69	-7.49	73.16	-49.06	-8.38	32.48	-57.59
498	8	679	7.51	0.36	-129.22	-0.27	-128.59	-8.98	124.35	-78.53	-9.01	54.83	-96.29
		671	7.64	-1.54	-127.41	-6.06	-122.88	-23.43	164.28	-141.69	-34.11	56.69	-146.09
		672	8.11	-1.43	-114.22	-3.56	-112.10	-15.33	70.64	-201.96	-45.04	-86.29	-134.73
		680	7.60	0.84	-110.57	0.29	-110.03	-7.78	46.86	-158.29	-10.25	-101.18	-91.95
498	32	679	5.54	0.26	-95.76	-0.21	-95.29	-6.70	90.20	-57.50	-6.57	39.27	-70.20
		671	5.65	-1.14	-94.55	-4.51	-91.18	-17.43	119.53	-103.68	-24.85	40.70	-106.69
		672	5.97	-1.05	-84.70	-2.64	-83.12	-11.41	52.06	-146.89	-32.72	-62.10	-98.38
		680	5.59	0.64	-81.82	0.23	-81.41	-5.81	34.34	-114.83	-7.47	-73.01	-67.00
498	37	679	4.80	0.20	-84.25	-0.24	-83.81	-6.05	74.41	-48.49	-5.48	31.39	-58.62
		671	4.94	-1.01	-83.54	-4.03	-80.52	-15.49	99.36	-87.34	-20.71	32.73	-89.44
		672	5.16	-0.89	-74.68	-2.32	-73.26	-10.15	44.64	-121.90	-27.09	-50.17	-82.47
		680	4.81	0.60	-71.63	0.22	-71.25	-5.24	29.06	-94.69	-6.25	-59.39	-55.87
499	7	680	7.78	0.73	-113.13	0.42	-112.82	-5.89	52.49	-159.69	-2.34	-104.86	-92.88
		672	8.20	-2.29	-116.49	-3.77	-115.01	-12.90	69.29	-203.48	-40.71	-93.48	-133.81
		673	9.51	-2.83	-110.84	-3.19	-110.48	-6.27	-20.54	-304.87	-62.15	-263.26	-100.50
		681	9.77	-0.03	-102.90	-0.24	-102.69	-4.68	3.16	-314.53	-12.65	-298.72	-69.09
499	31	680	5.72	0.53	-83.86	0.30	-83.63	-4.41	38.44	-115.62	-1.72	-75.46	-67.64
		672	6.04	-1.70	-86.54	-2.81	-85.43	-9.62	51.16	-147.82	-29.52	-67.13	-97.70
		673	6.97	-2.10	-82.30	-2.37	-82.02	-4.69	-14.12	-219.94	-44.93	-189.14	-73.43
		681	7.14	-5.00e-04	-76.15	-0.16	-75.99	-3.51	2.46	-226.69	-9.20	-215.03	-50.36
499	37	680	4.93	0.43	-74.16	0.21	-73.94	-4.05	32.51	-93.51	-1.49	-59.51	-55.93
		672	5.23	-1.52	-77.13	-2.53	-76.12	-8.70	44.63	-121.10	-24.02	-52.46	-81.64
		673	5.91	-1.86	-73.20	-2.11	-72.94	-4.29	-8.91	-175.30	-36.11	-148.10	-61.53
		681	5.99	0.06	-66.94	-0.09	-66.79	-3.24	2.56	-179.91	-7.59	-169.75	-41.84
500	7	681	10.24	8.73	-101.95	7.99	-101.21	-9.01	44.21	-308.42	27.72	-291.94	-74.44
		673	9.61	-4.94	-119.53	-4.96	-119.52	1.24	-33.05	-297.16	-67.31	-262.89	-88.75
		674	11.40	-20.66	-100.43	-20.68	-100.41	1.18	-108.53	-500.45	-111.01	-497.97	-31.10
		27	14.13	-13.28	-122.64	-15.27	-120.65	14.62	-78.34	-591.92	-78.77	-591.48	14.89
500	31	681	7.49	6.46	-75.55	5.90	-74.99	-6.74	32.17	-222.10	20.00	-209.93	-54.28
		673	7.05	-3.67	-88.82	-3.68	-88.81	0.91	-23.18	-214.43	-48.66	-188.95	-64.99
		674	8.32	-15.35	-74.64	-15.36	-74.63	0.80	-78.16	-360.34	-79.99	-358.51	-22.65
		27	10.31	-9.83	-90.77	-11.31	-89.29	10.84	-56.67	-427.76	-56.97	-427.46	10.46
500	37	681	6.29	5.69	-66.75	5.16	-66.22	-6.18	26.56	-175.64	15.92	-165.00	-45.14
		673	6.00	-3.28	-79.21	-3.28	-79.20	0.76	-16.21	-171.08	-39.07	-148.23	-54.93
		674	6.92	-13.67	-66.65	-13.68	-66.65	0.45	-61.81	-284.77	-63.40	-283.19	-18.73
		27	8.60	-8.66	-79.81	-9.98	-78.49	9.61	-45.66	-343.17	-45.84	-342.99	7.41
501	7	15	33.30	-16.80	-573.63	-52.78	-537.65	-136.89	108.29	-374.19	-75.28	-190.62	-234.24
		473	13.45	261.19	90.12	173.38	177.93	-85.50	89.82	-267.97	89.82	-267.97	0.61
		682	29.59	123.67	-429.28	15.03	-320.65	-219.70	107.19	-237.57	2.08	-132.47	-158.71
		471	20.00	226.17	-106.31	46.99	72.87	-165.74	142.36	-437.31	113.72	-408.67	125.62
501	31	15	24.72	-12.04	-424.81	-38.60	-398.25	-101.27	86.05	-281.97	-56.74	-139.18	-179.33
		473	9.96	192.60	66.77	127.82	131.55	-62.89	66.71	-203.30	66.70	-203.30	-1.34
		682	21.97	91.03	-316.56	10.87	-236.41	-162.00	78.96	-185.79	-0.53	-106.31	-121.35
		471	14.90	165.55	-79.38	34.02	52.15	-122.13	105.96	-342.16	84.93	-321.13	94.77
501	37	15	21.97	-9.34	-374.23	-32.46	-351.11	-88.89	94.80	-264.23	-53.14	-116.30	-176.72
		473	8.77	167.08	58.91	110.80	115.19	-54.04	59.56	-194.79	59.37	-194.61	-6.88
		682	19.55	78.44	-274.63	8.77	-204.96	-140.52	68.32	-195.21	-7.06	-119.83	-119.09
		471	13.45	139.74	-71.99	27.52	40.22	-105.67	95.27	-360.06	77.12	-341.91	89.07
502	7	31	120.97	172.41	-1025.56	167.04	-1020.20	-80.00	4693.97	239.24	707.16	4226.06	1365.82
		682	50.88	351.51	78.52	84.88	345.15	-41.20	-183.55	-2555.59	-311.52	-2427.61	-535.90
		683	13.12	93.70	-110.27	-83.44	66.87	-68.95	396.47	107.59	319.12	184.94	127.91
		474	66.34	-270.43	-899.42	-271.45	-898.40	-25.30	1892.59	265.94	274.17	1884.36	115.40

502	31	31	90.78	126.80	-758.72	122.84	-754.77	-59.08	3543.07	154.86	498.47	3199.46	1022.81
		682	38.47	259.16	57.68	62.37	254.46	-30.40	-131.60	-1943.63	-222.84	-1852.39	-396.23
		683	9.83	69.03	-81.83	-61.85	49.05	-51.14	293.56	68.15	234.10	127.60	99.33
		474	49.60	-200.10	-665.45	-200.83	-664.73	-18.36	1439.60	211.00	217.60	1433.00	89.80
502	37	31	83.82	108.95	-666.10	105.50	-662.66	-51.53	3336.91	63.74	358.80	3041.85	937.41
		682	36.42	224.67	49.34	53.41	220.61	-26.39	-100.63	-1876.99	-171.27	-1806.36	-347.12
		683	9.03	59.70	-72.63	-54.68	41.76	-45.30	258.56	23.24	199.18	82.62	102.21
		474	45.18	-175.78	-584.39	-176.33	-583.84	-14.99	1389.84	230.68	238.18	1382.34	92.96
503	8	474	73.07	-131.12	-1058.86	-265.50	-924.48	-326.51	1588.13	98.42	342.16	1344.39	551.09
		683	13.37	179.90	-111.54	-103.35	171.71	-48.16	312.29	179.49	242.96	248.81	66.33
		684	25.41	-50.33	-410.71	-195.48	-265.56	-176.75	571.95	100.19	110.33	561.81	68.42
		476	29.16	107.59	-382.26	107.49	-382.16	7.11	415.35	-93.95	-82.75	404.15	-74.68
503	32	474	54.45	-97.04	-782.78	-196.29	-683.53	-241.27	1203.25	72.19	256.17	1019.27	417.42
		683	9.98	132.23	-82.67	-76.57	126.13	-35.70	231.47	126.94	180.50	177.91	52.25
		684	18.87	-37.30	-303.79	-144.36	-196.73	-130.64	429.57	73.90	81.54	421.93	51.58
		476	21.60	79.58	-282.92	79.51	-282.84	5.27	308.79	-71.02	-61.94	299.71	-58.01
503	37	474	49.10	-85.34	-685.79	-172.00	-599.14	-211.01	1146.76	61.49	235.15	973.11	397.88
		683	9.05	113.59	-73.04	-67.55	108.09	-31.55	205.37	90.75	160.77	135.34	55.88
		684	16.82	-32.98	-266.60	-126.01	-173.57	-114.36	397.05	64.19	71.37	389.88	48.35
		476	19.06	69.86	-248.88	69.79	-248.81	4.65	275.33	-67.61	-56.85	264.57	-59.78
504	8	476	29.22	-12.23	-426.35	-16.65	-421.94	-42.52	561.12	30.05	35.05	556.11	51.30
		684	18.38	-16.10	-275.44	-81.78	-209.76	-112.78	441.94	79.67	81.37	440.24	24.76
		685	16.82	-30.56	-260.51	-40.89	-250.17	-47.64	331.38	33.51	33.69	331.20	-7.25
		478	19.54	15.64	-279.21	15.62	-279.20	-2.28	343.46	-4.41	-3.98	343.02	-12.31
504	32	476	21.70	-9.05	-315.60	-12.31	-312.35	-31.43	420.31	22.67	26.39	416.59	38.28
		684	13.64	-11.98	-203.96	-60.40	-155.54	-83.37	329.31	58.65	59.93	328.03	18.55
		685	12.48	-22.56	-192.90	-30.19	-185.27	-35.24	247.04	24.68	24.84	246.89	-5.83
		478	14.50	11.57	-206.87	11.55	-206.86	-1.73	255.99	-3.30	-2.95	255.64	-9.55
504	37	476	19.31	-7.97	-277.79	-10.81	-274.95	-27.54	384.85	21.35	24.69	381.51	34.68
		684	12.11	-10.72	-179.68	-52.73	-137.68	-73.02	295.88	50.52	51.71	294.69	17.03
		685	11.06	-19.66	-169.93	-26.32	-163.26	-30.95	222.36	21.28	21.50	222.15	-6.61
		478	12.86	10.16	-182.65	10.15	-182.63	-1.66	230.24	-3.03	-2.62	229.84	-9.75
505	8	478	19.89	1.41	-292.27	1.22	-292.08	-7.39	352.52	4.79	4.93	352.37	-7.10
		685	16.67	-22.65	-253.79	-32.00	-244.44	-45.53	330.33	30.72	30.91	330.14	-7.47
		686	14.86	-10.04	-240.57	-10.80	-239.80	-13.22	213.93	7.07	8.82	212.19	-18.91
		480	16.06	3.56	-254.16	3.55	-254.15	-1.13	219.12	-1.59	0.34	217.18	-20.57
505	32	478	14.76	1.03	-216.59	0.89	-216.45	-5.50	262.97	3.62	3.74	262.85	-5.61
		685	12.37	-16.73	-188.01	-23.63	-181.11	-33.69	246.19	22.50	22.66	246.03	-5.97
		686	11.02	-7.40	-178.18	-7.96	-177.61	-9.83	159.50	4.97	6.36	158.11	-14.57
		480	11.91	2.64	-188.34	2.63	-188.34	-0.88	163.33	-1.22	0.27	161.84	-15.62
505	37	478	13.11	0.88	-191.38	0.75	-191.25	-4.95	237.26	3.43	3.59	237.11	-6.03
		685	10.98	-14.59	-165.91	-20.62	-159.88	-29.60	221.36	19.00	19.21	221.15	-6.64
		686	9.76	-6.40	-157.11	-6.91	-156.60	-8.79	143.63	3.50	5.04	142.09	-14.62
		480	10.56	2.33	-166.40	2.33	-166.40	-0.94	146.98	-1.22	0.31	145.46	-14.97
506	8	480	16.28	1.08	-259.68	1.06	-259.66	-1.97	220.22	-0.77	1.06	218.38	-20.05
		686	14.96	-9.93	-242.32	-10.76	-241.49	-13.91	214.51	7.86	9.49	212.87	-18.32
		687	13.23	-1.65	-236.04	-1.69	-235.99	-3.35	101.09	-6.07	-2.09	97.11	-20.26
		482	13.99	0.95	-250.22	0.94	-250.21	-1.12	102.07	-4.93	0.28	96.86	-23.02
506	32	480	12.08	0.79	-192.50	0.78	-192.49	-1.50	164.19	-0.60	0.82	162.77	-15.24
		686	11.10	-7.33	-179.55	-7.95	-178.93	-10.34	159.94	5.55	6.85	158.64	-14.11
		687	9.81	-1.20	-174.85	-1.24	-174.81	-2.54	75.63	-4.81	-1.68	72.51	-15.54
		482	10.38	0.71	-185.40	0.70	-185.40	-0.88	76.29	-3.77	0.21	72.31	-17.41
506	37	480	10.72	0.67	-170.27	0.65	-170.26	-1.48	147.86	-0.64	0.81	146.40	-14.63
		686	9.84	-6.38	-158.55	-6.95	-157.99	-9.23	144.06	4.00	5.45	142.62	-14.16
		687	8.69	-1.01	-154.24	-1.04	-154.20	-2.45	69.00	-5.25	-1.92	65.67	-15.36
		482	9.19	0.64	-163.71	0.64	-163.70	-0.94	69.34	-3.71	0.21	65.42	-16.46
507	8	482	14.15	0.19	-253.67	0.18	-253.66	-1.32	102.25	-4.76	0.38	97.11	-22.87
		687	13.33	-2.32	-238.48	-2.38	-238.42	-3.89	101.20	-5.56	-1.62	97.26	-20.13
		688	11.99	0.62	-235.55	0.61	-235.54	-1.77	3.12	-32.01	-10.96	-17.93	-17.21
		484	12.85	0.37	-249.90	0.36	-249.89	-1.71	13.05	-34.28	0.26	-21.50	-21.02
507	32	482	10.50	0.13	-188.02	0.12	-188.02	-1.03	76.44	-3.64	0.29	72.50	-17.30
		687	9.89	-1.71	-176.73	-1.76	-176.68	-2.94	75.72	-4.43	-1.33	72.63	-15.44
		688	8.88	0.47	-174.51	0.46	-174.50	-1.38	2.82	-24.06	-8.23	-13.01	-13.23
		484	9.51	0.28	-185.12	0.27	-185.11	-1.32	10.02	-25.52	0.20	-15.70	-15.89
507	37	482	9.30	0.09	-166.24	0.08	-166.23	-1.07	69.50	-3.58	0.29	65.63	-16.37
		687	8.77	-1.50	-156.12	-1.55	-156.07	-2.80	69.09	-4.91	-1.62	65.80	-15.27
		688	7.83	0.45	-153.99	0.44	-153.98	-1.45	4.19	-22.32	-7.60	-10.54	-13.17
		484	8.38	0.27	-163.30	0.26	-163.29	-1.33	9.97	-22.83	0.18	-13.03	-15.01
508	8	484	12.97	0.03	-252.44	0.01	-252.42	-1.81	13.24	-34.37	0.40	-21.53	-21.13
		688	12.11	0.03	-238.02	0.01	-238.00	-2.18	3.28	-31.82	-10.61	-17.92	-17.17
		689	13.70	-0.98	-237.87	-0.98	-237.87	-0.62	-21.66	-133.68	-22.61	-132.73	-10.27
		486	14.53	0.37	-248.37	0.35	-248.35	-2.32	1.67	-141.12	0.10	-139.55	-14.91
508	32	484	9.61	0.01	-187.06	1.18e-03	-187.05	-1.39	10.16	-25.58	0.30	-15.72	-15.98
		688	8.97	0.02	-176.40	6.77e-03	-176.39	-1.68	2.94	-23.92	-7.97	-13.00	-13.19
		689	10.15	-0.72	-176.24	-0.72	-176.24	-0.53	-16.08	-99.15	-16.86	-98.37	-8.02
		486	10.76	0.29	-183.93	0.27	-183.91	-1.77	1.29	-104.71	0.07	-103.49	-11.32
508	37	484	8.47	-0.01	-165.24	-0.02	-165.23	-1.39	10.11	-22.86	0.28	-13.03	-15.09

		688	7.91	0.01	-155.89	-7.28e-03	-155.87	-1.72	4.29	-22.18	-7.37	-10.51	-13.14
		689	8.96	-0.61	-155.59	-0.61	-155.58	-0.71	-14.21	-87.58	-15.18	-86.61	-8.37
		486	9.49	0.28	-162.07	0.26	-162.05	-1.73	1.31	-92.61	0.04	-91.34	-10.84
509	8	486	14.64	1.57	-249.63	1.53	-249.59	-3.00	3.41	-141.70	1.65	-139.93	-15.89
		689	13.83	-1.88	-240.94	-1.88	-240.93	-0.79	-21.47	-133.76	-22.31	-132.92	-9.66
		690	15.27	-9.63	-241.99	-9.83	-241.79	6.85	-42.95	-246.97	-42.95	-246.97	-0.78
		488	16.31	-1.20	-250.78	-1.20	-250.78	-0.36	-3.23	-255.24	-3.23	-255.23	-1.38
509	32	486	10.85	1.15	-184.93	1.12	-184.90	-2.27	2.59	-105.13	1.23	-103.76	-12.05
		689	10.25	-1.40	-178.59	-1.40	-178.58	-0.66	-15.94	-99.20	-16.64	-98.50	-7.56
		690	11.32	-7.13	-179.33	-7.28	-179.18	5.01	-31.95	-183.36	-31.96	-183.36	-0.88
		488	12.09	-0.88	-185.65	-0.88	-185.65	-0.33	-2.41	-189.64	-2.42	-189.63	-1.22
509	37	486	9.58	0.99	-163.18	0.96	-163.15	-2.17	2.50	-92.96	1.09	-91.55	-11.50
		689	9.06	-1.24	-157.87	-1.24	-157.87	-0.82	-14.11	-87.59	-14.99	-86.72	-7.97
		690	10.00	-6.29	-158.40	-6.41	-158.28	4.18	-28.54	-162.57	-28.56	-162.55	-1.75
		488	10.66	-0.73	-163.38	-0.73	-163.38	-0.47	-2.20	-168.57	-2.22	-168.55	-1.72
510	8	488	16.80	18.67	-245.54	18.19	-245.06	-11.25	16.11	-260.15	15.96	-260.00	-6.41
		690	15.70	-16.27	-255.45	-17.50	-254.21	17.14	-48.15	-243.27	-48.25	-243.17	4.40
		691	14.72	-46.93	-210.81	-47.34	-210.40	8.13	-80.55	-376.98	-80.70	-376.83	-6.74
		14	19.45	-33.65	-306.63	-40.18	-300.10	41.72	-42.92	-345.99	-46.56	-342.36	32.99
510	32	488	12.45	13.81	-181.85	13.45	-181.49	-8.39	11.99	-193.24	11.87	-193.12	-4.98
		690	11.64	-12.05	-189.35	-12.96	-188.45	12.64	-35.85	-180.61	-35.91	-180.55	2.98
		691	10.93	-34.79	-156.31	-35.08	-156.02	5.92	-59.87	-280.15	-59.99	-280.03	-5.09
		14	14.42	-24.91	-226.93	-29.75	-222.10	30.87	-32.01	-257.66	-34.69	-254.99	24.43
510	37	488	10.99	12.14	-160.29	11.80	-159.96	-7.61	10.75	-171.64	10.60	-171.50	-5.10
		690	10.30	-10.64	-167.41	-11.41	-166.64	10.95	-32.10	-160.12	-32.13	-160.10	1.72
		691	9.69	-30.76	-138.36	-30.99	-138.13	4.90	-53.29	-249.22	-53.41	-249.10	-4.78
		14	12.73	-21.94	-199.47	-26.18	-195.23	27.11	-28.83	-230.96	-31.14	-228.66	21.48
511	7	473	12.88	173.08	-46.48	150.68	-24.08	-66.45	-6.73	-262.34	-35.63	-233.44	-80.94
		475	11.22	158.85	4.18	154.88	8.15	24.45	58.29	-268.15	52.01	-261.87	44.82
		692	3.81	47.48	-8.04	-7.52	46.95	5.39	105.87	41.72	47.43	100.16	18.28
		682	16.30	38.98	-183.77	38.62	-183.42	-8.86	232.21	-270.97	216.91	-255.68	86.40
511	31	473	9.59	127.89	-34.11	111.50	-17.72	-48.86	-4.93	-200.37	-27.80	-177.51	-62.82
		475	8.35	117.33	2.98	114.35	5.96	18.24	42.30	-204.20	37.70	-199.60	33.36
		692	2.78	35.01	-6.10	-5.68	34.59	4.14	76.03	30.32	34.77	71.58	13.55
		682	12.19	28.03	-135.63	27.76	-135.37	-6.55	173.50	-211.11	162.23	-199.84	64.87
511	37	473	8.60	111.78	-29.09	97.95	-15.25	-41.92	-4.10	-196.10	-29.02	-171.18	-64.53
		475	7.48	102.41	2.23	99.61	5.02	16.50	34.51	-197.87	30.59	-193.95	29.91
		692	2.33	30.37	-5.84	-5.36	29.88	4.15	59.60	24.73	29.51	54.83	11.98
		682	11.12	22.05	-118.02	21.81	-117.79	-5.75	157.83	-219.37	148.03	-209.57	60.00
512	7	682	12.20	125.83	-2.04	116.43	7.36	33.37	422.79	-42.01	239.74	141.03	227.10
		692	4.21	-44.05	-62.87	-44.21	-62.72	-1.72	50.94	-109.00	37.31	-95.37	-44.66
		693	8.33	48.16	-92.61	-27.59	-16.86	70.18	391.13	157.55	163.18	385.49	35.83
		683	9.76	-91.82	-184.59	-183.71	-92.69	-8.96	287.24	-70.79	-51.98	268.43	79.88
512	31	682	9.05	91.91	-1.78	85.16	4.97	24.22	315.30	-34.65	180.19	100.46	170.37
		692	3.18	-32.71	-46.29	-32.79	-46.21	-1.01	36.75	-86.47	26.94	-76.66	-33.35
		693	6.14	34.97	-68.51	-20.67	-12.87	51.59	288.81	116.66	121.18	284.29	27.51
		683	7.21	-68.04	-136.43	-135.75	-68.73	-6.82	209.64	-55.28	-39.86	194.22	62.03
512	37	682	8.04	76.98	-2.46	71.69	2.82	19.80	285.15	-42.12	167.22	75.81	157.12
		692	3.01	-29.02	-39.98	-29.02	-39.98	-0.05	29.43	-94.69	21.54	-86.80	-30.29
		693	5.34	28.61	-60.10	-18.94	-12.55	44.24	251.92	102.65	107.84	246.73	27.36
		683	6.30	-60.08	-119.38	-118.64	-60.82	-6.60	175.53	-58.44	-39.49	156.58	63.83
513	8	683	14.58	-58.17	-226.81	-185.95	-99.03	-72.26	474.56	29.81	71.78	432.59	130.02
		693	7.44	-14.29	-88.29	-46.68	-55.90	36.71	341.26	80.04	80.57	340.73	11.74
		694	9.86	-110.39	-139.85	-138.73	-111.50	-5.61	375.58	6.93	8.46	374.05	23.69
		684	14.63	-43.72	-209.22	-94.85	-158.09	-76.47	471.36	63.40	63.44	471.33	-3.88
513	32	683	10.87	-43.37	-168.05	-137.57	-73.86	-53.59	352.84	19.44	52.60	319.68	99.78
		693	5.45	-10.78	-65.03	-34.62	-41.19	26.93	249.97	58.54	58.99	249.53	9.20
		694	7.30	-81.70	-103.44	-102.58	-82.56	-4.23	278.38	3.86	5.10	277.14	18.36
		684	10.88	-32.20	-155.07	-70.03	-117.25	-56.72	351.63	46.06	46.08	351.61	-2.61
513	37	683	9.78	-39.16	-148.36	-120.84	-66.68	-47.41	314.75	8.09	44.40	278.45	99.07
		693	4.61	-10.08	-56.17	-30.60	-35.66	22.91	210.52	49.05	49.63	209.93	9.69
		694	6.43	-71.83	-90.76	-89.89	-72.70	-3.96	245.33	-0.81	0.63	243.88	18.79
		684	9.73	-27.81	-137.06	-61.04	-103.83	-50.26	317.32	37.67	37.68	317.31	-1.48
514	8	684	16.43	-53.63	-255.53	-119.96	-189.20	-94.83	437.65	63.30	64.49	436.46	21.13
		694	9.55	-93.65	-113.91	-103.38	-104.18	10.12	384.27	18.82	18.84	384.25	-2.68
		695	11.48	-75.42	-163.75	-76.19	-162.98	-8.19	317.54	8.87	8.90	317.51	-3.07
		685	15.93	-22.79	-240.23	-32.84	-230.18	-45.65	328.92	25.05	25.66	328.32	-13.52
514	32	684	12.21	-39.65	-189.33	-88.64	-140.34	-70.24	326.20	46.30	47.22	325.28	16.09
		694	7.07	-69.44	-84.17	-76.42	-77.19	7.35	284.75	12.76	12.77	284.74	-1.53
		695	8.52	-55.69	-121.26	-56.27	-120.67	-6.16	236.23	5.74	5.76	236.21	-2.30
		685	11.83	-16.76	-177.96	-24.23	-170.50	-33.88	245.13	18.15	18.63	244.65	-10.48
514	37	684	10.88	-34.72	-167.16	-77.52	-124.36	-61.94	293.39	38.88	39.83	292.43	15.57
		694	6.23	-61.44	-73.57	-66.90	-68.11	6.04	250.75	7.34	7.34	250.75	0.09
		695	7.56	-48.55	-106.80	-49.12	-106.23	-5.74	211.05	2.32	2.34	211.03	-2.11
		685	10.50	-14.41	-157.02	-21.07	-150.37	-30.08	220.41	14.64	15.20	219.84	-10.74
515	8	685	15.65	-32.98	-239.63	-44.18	-228.42	-46.79	326.17	27.73	27.94	325.96	-7.92
		695	11.77	-65.68	-167.68	-65.75	-167.60	-2.69	314.81	9.62	9.72	314.71	-5.54

		696	12.45	-25.51	-197.90	-25.61	-197.80	-4.22	210.84	1.90	1.95	210.78	-3.38
		686	14.62	-10.82	-236.30	-12.04	-235.08	-16.59	213.18	6.84	7.98	212.05	-15.25
515	32	685	11.62	-24.32	-177.60	-32.63	-169.28	-34.72	243.05	20.19	20.36	242.87	-6.21
		695	8.73	-48.52	-124.21	-48.57	-124.15	-2.10	234.09	6.30	6.38	234.01	-4.15
		696	9.24	-18.82	-146.53	-18.90	-146.45	-3.22	157.02	0.91	0.96	156.97	-2.74
		686	10.85	-7.95	-175.05	-8.88	-174.12	-12.41	158.93	4.77	5.68	158.02	-11.77
515	37	685	10.33	-21.11	-156.96	-28.50	-149.56	-30.82	218.41	16.64	16.85	218.20	-6.57
		695	7.75	-42.36	-109.54	-42.43	-109.47	-2.20	208.78	2.86	2.93	208.71	-3.82
		696	8.19	-16.36	-129.03	-16.45	-128.94	-3.17	140.85	-0.79	-0.72	140.78	-3.17
		686	9.62	-6.82	-154.44	-7.70	-153.56	-11.35	143.08	3.24	4.26	142.06	-11.88
516	8	686	14.62	-13.12	-237.58	-14.55	-236.15	-17.86	212.87	7.80	8.83	211.84	-14.45
		696	12.52	-25.91	-199.75	-25.96	-199.69	-3.00	209.92	2.12	2.19	209.85	-3.70
		697	11.87	-5.20	-209.55	-5.24	-209.50	-2.99	98.19	-6.69	-6.63	98.12	-2.55
		687	13.19	-2.18	-235.52	-2.38	-235.32	-6.78	99.50	-4.74	-2.55	97.31	-14.94
516	32	686	10.85	-9.67	-176.07	-10.75	-175.00	-13.35	158.69	5.49	6.31	157.87	-11.16
		696	9.29	-19.13	-147.97	-19.17	-147.92	-2.32	156.31	1.08	1.13	156.26	-2.97
		697	8.80	-3.82	-155.20	-3.86	-155.17	-2.31	73.32	-5.25	-5.19	73.25	-2.18
		687	9.78	-1.59	-174.48	-1.74	-174.32	-5.17	74.40	-3.78	-2.05	72.67	-11.51
516	37	686	9.63	-8.38	-155.58	-9.39	-154.57	-12.17	142.86	3.91	4.83	141.94	-11.28
		696	8.24	-16.69	-130.51	-16.74	-130.46	-2.38	140.14	-0.67	-0.59	140.06	-3.36
		697	7.79	-3.28	-136.82	-3.32	-136.78	-2.37	66.42	-5.60	-5.48	66.30	-2.87
		687	8.66	-1.31	-153.94	-1.48	-153.78	-5.05	67.74	-4.21	-2.31	65.84	-11.54
517	8	687	13.27	-3.07	-237.77	-3.31	-237.53	-7.51	99.50	-4.30	-2.13	97.33	-14.86
		697	11.92	-6.44	-211.32	-6.48	-211.28	-2.83	98.00	-6.53	-6.47	97.94	-2.60
		698	10.75	-0.20	-213.23	-0.23	-213.19	-2.69	-14.03	-18.78	-17.70	-15.11	-1.99
		688	12.00	0.52	-235.97	0.43	-235.88	-4.78	-2.07	-27.12	-11.96	-17.24	-12.24
517	32	687	9.85	-2.26	-176.21	-2.45	-176.03	-5.71	74.41	-3.45	-1.73	72.69	-11.45
		697	8.85	-4.76	-156.59	-4.79	-156.56	-2.20	73.17	-5.14	-5.08	73.11	-2.22
		698	7.96	-0.13	-158.00	-0.16	-157.97	-2.09	-9.94	-14.24	-13.29	-10.89	-1.78
		688	8.88	0.40	-174.83	0.33	-174.75	-3.70	-1.11	-20.37	-8.98	-12.49	-9.47
517	37	687	8.73	-1.94	-155.71	-2.14	-155.51	-5.52	67.76	-3.92	-2.03	65.87	-11.48
		697	7.84	-4.14	-138.27	-4.18	-138.23	-2.27	66.28	-5.51	-5.40	66.16	-2.89
		698	7.01	-0.07	-139.51	-0.11	-139.47	-2.17	-7.25	-13.55	-12.25	-8.55	-2.55
		688	7.83	0.41	-154.30	0.32	-154.21	-3.77	0.48	-18.82	-8.29	-10.06	-9.61
518	8	688	12.11	0.18	-238.43	0.06	-238.31	-5.27	-1.84	-26.91	-11.57	-17.19	-12.22
		698	10.86	-0.86	-215.64	-0.89	-215.61	-2.62	-13.95	-18.65	-17.58	-15.03	-1.97
		699	12.31	-4.42	-214.48	-4.45	-214.45	-2.34	-32.96	-128.84	-32.99	-128.81	-1.65
		689	13.62	-2.01	-237.34	-2.05	-237.30	-2.94	-23.93	-132.20	-24.39	-131.74	-7.07
518	32	688	8.97	0.14	-176.72	0.04	-176.62	-4.06	-0.93	-20.21	-8.69	-12.45	-9.45
		698	8.04	-0.63	-159.86	-0.66	-159.83	-2.04	-9.88	-14.14	-13.20	-10.83	-1.77
		699	9.13	-3.27	-159.00	-3.29	-158.98	-1.83	-24.52	-95.40	-24.55	-95.36	-1.51
		689	10.09	-1.48	-175.85	-1.51	-175.82	-2.33	-17.79	-98.01	-18.18	-97.62	-5.58
518	37	688	7.92	0.13	-156.19	0.03	-156.08	-4.09	0.63	-18.67	-8.03	-10.00	-9.60
		698	7.10	-0.56	-141.37	-0.59	-141.34	-2.13	-7.21	-13.47	-12.18	-8.50	-2.54
		699	8.06	-2.88	-140.63	-2.90	-140.60	-1.93	-21.88	-83.74	-21.96	-83.66	-2.22
		689	8.91	-1.26	-155.26	-1.30	-155.22	-2.57	-15.83	-86.44	-16.35	-85.93	-6.01
519	8	689	13.79	-0.87	-240.15	-0.93	-240.10	-3.65	-23.19	-131.82	-23.62	-131.39	-6.85
		699	12.43	-5.30	-217.27	-5.31	-217.26	-1.65	-33.33	-128.50	-33.36	-128.48	-1.48
		700	13.46	-18.61	-211.08	-18.66	-211.03	-2.93	-52.58	-245.83	-52.60	-245.81	-1.89
		690	14.95	-14.85	-238.17	-14.96	-238.07	4.79	-44.97	-246.86	-44.98	-246.85	-1.34
519	32	689	10.22	-0.65	-178.01	-0.69	-177.97	-2.87	-17.24	-97.72	-17.61	-97.36	-5.42
		699	9.21	-3.94	-161.14	-3.95	-161.13	-1.32	-24.80	-95.15	-24.83	-95.12	-1.38
		700	9.99	-13.80	-156.55	-13.84	-156.52	-2.26	-39.03	-182.29	-39.05	-182.27	-1.60
		690	11.08	-11.00	-176.49	-11.07	-176.42	3.40	-33.44	-183.26	-33.45	-183.25	-1.24
519	37	689	9.03	-0.57	-157.39	-0.63	-157.33	-3.04	-15.36	-86.17	-15.85	-85.68	-5.88
		699	8.15	-3.50	-142.73	-3.52	-142.72	-1.47	-22.14	-83.54	-22.21	-83.46	-2.12
		700	8.84	-12.22	-138.70	-12.26	-138.66	-2.27	-34.56	-160.90	-34.59	-160.87	-2.05
		690	9.80	-9.69	-155.88	-9.74	-155.83	2.53	-29.82	-162.43	-29.84	-162.40	-1.90
520	8	690	14.89	-14.92	-237.77	-14.96	-237.73	3.12	-44.87	-244.33	-44.91	-244.29	-2.77
		700	13.64	-19.90	-214.82	-19.90	-214.81	-1.02	-52.98	-247.30	-52.99	-247.29	-1.28
		701	14.38	-40.43	-203.82	-40.71	-203.54	-6.81	-73.52	-366.87	-73.52	-366.87	-0.40
		691	15.76	-43.19	-231.08	-43.86	-230.41	11.21	-73.93	-373.27	-73.93	-373.27	-0.53
520	32	690	11.04	-11.06	-176.28	-11.09	-176.25	2.15	-33.36	-181.40	-33.40	-181.36	-2.30
		700	10.12	-14.77	-159.39	-14.78	-159.38	-0.81	-39.32	-183.39	-39.33	-183.38	-1.14
		701	10.67	-29.99	-151.25	-30.21	-151.03	-5.17	-54.53	-272.12	-54.53	-272.12	-0.33
		691	11.69	-32.02	-171.28	-32.51	-170.79	8.25	-54.93	-277.33	-54.93	-277.33	-0.45
520	37	690	9.77	-9.77	-155.94	-9.79	-155.93	1.35	-29.74	-160.81	-29.80	-160.75	-2.82
		700	8.97	-13.13	-141.41	-13.14	-141.40	-0.91	-34.82	-161.89	-34.84	-161.87	-1.61
		701	9.46	-26.57	-134.26	-26.80	-134.03	-4.96	-48.17	-240.43	-48.17	-240.43	-0.40
		691	10.35	-28.33	-151.42	-28.74	-151.01	7.09	-48.83	-246.52	-48.83	-246.51	-0.58
521	8	475	10.27	161.15	-2.76	155.16	3.23	-30.74	-28.67	-221.32	26.00	-218.65	25.69
		487	11.78	170.26	14.66	166.73	18.19	23.17	43.36	-331.56	15.19	-303.39	98.83
		702	6.03	-69.75	-128.66	-107.84	-90.57	28.16	52.72	-93.43	51.26	-91.97	-14.54
		692	4.08	55.83	-23.09	-5.42	38.16	32.90	116.08	-24.33	106.34	-14.59	35.69
521	32	475	7.63	118.94	-1.97	114.60	2.37	-22.49	20.17	-168.53	18.30	-166.65	18.73
		487	8.76	125.66	10.64	123.02	13.29	17.24	31.63	-250.74	10.46	-229.57	74.35
		702	4.45	-51.31	-95.16	-79.59	-66.88	20.98	38.42	-73.84	37.42	-72.84	-10.54

		692	3.01	41.16	-17.27	-4.20	28.09	24.35	85.98	-22.82	78.78	-15.62	27.04
521	37	475	6.78	103.54	-1.52	100.00	2.02	-18.96	14.36	-163.18	12.99	-161.81	15.54
		487	7.85	109.35	8.70	106.93	11.12	15.43	26.33	-237.22	6.69	-217.58	69.21
		702	3.94	-44.06	-83.43	-69.19	-58.30	18.91	31.82	-80.25	31.17	-79.60	-8.50
		692	2.79	35.62	-15.71	-4.25	24.16	21.38	75.70	-35.84	69.38	-29.52	25.80
522	8	692	4.78	53.91	-27.93	28.42	-2.44	37.90	91.91	-5.86	85.67	0.38	23.90
		702	8.84	32.19	-137.03	-107.58	2.74	64.15	80.35	-53.79	79.51	-52.96	10.55
		703	15.88	111.60	-162.04	-27.98	-22.46	136.79	298.96	-3.31	86.43	209.22	-138.10
		693	9.01	-77.75	-133.80	-131.90	-79.64	10.14	401.97	62.57	66.91	397.63	38.13
522	32	692	3.56	39.59	-20.80	20.78	-1.98	27.97	67.79	-8.72	63.24	-4.17	18.09
		702	6.55	23.81	-101.34	-79.44	1.91	47.56	59.50	-44.33	58.81	-43.63	8.48
		703	11.74	82.13	-119.62	-20.79	-16.69	100.85	219.51	-4.86	63.58	151.07	-103.30
		693	6.65	-57.55	-99.05	-97.61	-58.99	7.58	296.01	45.33	48.80	292.54	29.28
522	37	692	3.20	33.86	-18.68	17.51	-2.33	24.32	58.76	-22.09	54.93	-18.26	17.19
		702	5.81	20.90	-88.83	-69.21	1.28	42.04	52.39	-53.72	51.50	-52.82	9.70
		703	10.27	70.73	-104.14	-18.52	-14.89	87.42	186.82	-12.67	54.46	119.68	-94.26
		693	5.77	-50.65	-87.17	-85.80	-52.02	6.94	254.62	36.45	40.41	250.66	29.12
523	8	693	7.88	-37.83	-141.45	-137.36	-41.91	-20.17	292.71	73.74	80.97	285.47	39.13
		703	17.99	16.82	-209.14	-46.12	-146.20	101.29	524.31	32.40	69.48	487.23	-129.87
		704	10.73	-102.47	-159.66	-125.74	-136.40	28.09	354.02	-15.92	-15.67	353.77	9.63
		694	10.33	-78.82	-121.53	-91.13	-109.22	19.35	411.78	36.78	37.91	410.65	-20.54
523	32	693	5.82	-28.08	-104.63	-101.63	-31.08	-14.86	214.32	53.45	59.33	208.45	30.18
		703	13.30	12.31	-154.29	-34.12	-107.87	74.69	388.05	22.82	50.80	360.07	-97.14
		704	7.92	-75.66	-117.91	-92.86	-100.71	20.76	261.78	-12.89	-12.69	261.57	7.57
		694	7.65	-58.50	-89.68	-67.36	-80.82	14.06	305.43	26.34	27.14	304.63	-14.94
523	37	693	5.09	-24.97	-91.82	-89.26	-27.53	-12.83	180.32	42.96	50.08	173.20	30.46
		703	11.64	10.38	-134.05	-29.92	-93.76	64.78	340.29	16.08	42.49	313.88	-88.68
		704	6.90	-65.95	-102.84	-81.03	-87.75	18.13	228.67	-15.00	-14.73	228.40	8.07
		694	6.73	-51.94	-77.98	-58.93	-71.00	11.54	269.92	20.20	20.81	269.31	-12.30
524	8	694	9.58	-105.04	-114.28	-108.70	-110.62	-4.52	367.50	17.91	18.18	367.23	9.79
		704	13.65	-53.85	-196.69	-104.10	-146.44	68.21	423.34	19.70	22.17	420.87	-31.49
		705	12.03	-34.44	-167.79	-44.42	-157.81	35.08	320.85	-6.87	-5.63	319.62	20.06
		695	11.92	-68.16	-168.98	-68.19	-168.95	1.76	323.20	9.38	9.67	322.91	-9.59
524	32	694	7.10	-77.55	-84.77	-80.36	-81.96	-3.52	272.30	12.15	12.38	272.07	7.74
		704	10.09	-39.82	-145.24	-76.90	-108.16	50.34	313.75	13.83	15.64	311.94	-23.23
		705	8.91	-25.47	-123.95	-32.79	-116.62	25.83	238.30	-5.80	-4.85	237.35	15.22
		695	8.85	-50.34	-125.08	-50.36	-125.06	1.10	240.40	6.11	6.33	240.18	-7.16
524	37	694	6.26	-67.58	-75.15	-70.38	-72.35	-3.65	239.64	7.03	7.33	239.33	8.38
		704	8.84	-34.89	-126.61	-67.13	-94.37	43.79	276.46	9.67	11.21	274.93	-20.16
		705	7.83	-22.32	-108.19	-28.57	-101.95	22.31	211.64	-7.46	-6.49	210.66	14.59
		695	7.84	-43.93	-110.03	-43.93	-110.03	0.29	214.66	2.63	2.83	214.46	-6.51
525	8	695	11.69	-64.54	-165.98	-64.79	-165.74	-4.97	313.90	6.71	6.72	313.89	-2.17
		705	12.85	-34.66	-185.65	-48.03	-172.29	42.88	320.42	4.46	4.70	320.19	8.65
		706	11.77	-7.78	-175.95	-8.23	-175.49	8.76	212.30	-3.22	-2.27	211.34	14.35
		696	12.52	-26.67	-199.56	-26.69	-199.54	-1.81	211.37	1.52	1.57	211.32	-3.14
525	32	695	8.68	-47.66	-122.97	-47.86	-122.77	-3.87	233.40	4.14	4.15	233.39	-1.61
		705	9.51	-25.66	-137.20	-35.47	-127.39	31.60	237.93	2.70	2.88	237.74	6.66
		706	8.72	-5.74	-130.14	-6.07	-129.81	6.40	157.89	-2.79	-2.07	157.17	10.69
		696	9.29	-19.67	-147.75	-19.69	-147.73	-1.54	157.40	0.63	0.67	157.36	-2.54
525	37	695	7.71	-41.58	-108.52	-41.82	-108.28	-4.03	208.11	0.94	0.95	208.10	-1.42
		705	8.37	-22.57	-119.95	-30.97	-111.55	27.33	211.14	0.38	0.59	210.93	6.67
		706	7.69	-5.01	-114.13	-5.27	-113.87	5.35	140.91	-3.76	-3.11	140.27	9.63
		696	8.23	-17.10	-130.08	-17.13	-130.05	-2.01	141.15	-1.09	-1.03	141.09	-2.92
526	8	696	12.56	-25.13	-199.90	-25.23	-199.80	-4.06	210.18	0.97	1.00	210.15	-2.50
		706	11.74	-13.33	-178.71	-14.11	-177.93	11.30	211.33	-1.77	-0.92	210.49	13.36
		707	10.39	-1.39	-178.31	-1.39	-178.31	-0.06	98.81	-7.53	-6.03	97.32	12.51
		697	11.88	-5.43	-209.92	-5.55	-209.79	-5.07	98.29	-6.96	-6.93	98.26	-1.96
526	32	696	9.32	-18.55	-148.08	-18.63	-148.00	-3.20	156.50	0.21	0.24	156.47	-2.05
		706	8.70	-9.86	-132.25	-10.42	-131.69	8.27	157.15	-1.70	-1.07	156.52	9.95
		707	7.70	-1.02	-132.03	-1.02	-132.03	-0.11	73.64	-5.77	-4.70	72.56	9.18
		697	8.81	-3.98	-155.48	-4.09	-155.38	-3.94	73.39	-5.46	-5.42	73.35	-1.73
526	37	696	8.27	-16.16	-130.63	-16.27	-130.53	-3.45	140.27	-1.46	-1.41	140.23	-2.46
		706	7.69	-8.65	-116.20	-9.11	-115.75	6.98	140.19	-2.76	-2.20	139.63	8.95
		707	6.81	-0.85	-116.24	-0.85	-116.24	-0.32	66.25	-5.72	-4.87	65.39	7.80
		697	7.80	-3.39	-137.09	-3.52	-136.96	-4.09	66.46	-5.79	-5.71	66.38	-2.42
527	8	697	11.94	-6.15	-211.52	-6.28	-211.39	-5.28	98.13	-6.92	-6.88	98.09	-1.95
		707	10.47	-2.96	-180.79	-2.96	-180.78	0.78	98.64	-7.32	-5.82	97.15	12.50
		708	9.26	0.47	-181.80	0.45	-181.78	-1.93	-5.31	-24.66	-13.06	-16.91	9.48
		698	10.76	-0.16	-213.34	-0.31	-213.19	-5.72	-14.28	-18.60	-17.82	-15.06	-1.66
527	32	697	8.86	-4.53	-156.75	-4.64	-156.64	-4.10	73.26	-5.43	-5.39	73.23	-1.73
		707	7.76	-2.19	-133.93	-2.19	-133.93	0.51	73.51	-5.62	-4.54	72.43	9.17
		708	6.86	0.36	-134.74	0.34	-134.72	-1.49	-4.05	-17.99	-9.80	-12.24	6.86
		698	7.97	-0.10	-158.09	-0.22	-157.97	-4.43	-10.13	-14.09	-13.37	-10.85	-1.52
527	37	697	7.86	-3.91	-138.43	-4.05	-138.30	-4.23	66.33	-5.78	-5.70	66.25	-2.41
		707	6.88	-1.92	-118.14	-1.92	-118.14	0.22	66.11	-5.59	-4.74	65.25	7.80
		708	6.04	0.34	-119.05	0.32	-119.03	-1.51	-3.86	-14.95	-9.01	-9.79	5.53
		698	7.02	-0.02	-139.61	-0.16	-139.47	-4.51	-7.44	-13.40	-12.33	-8.51	-2.29

528	8	698	10.87	-0.70	-215.74	-0.85	-215.58	-5.77	-14.14	-18.54	-17.71	-14.96	-1.72
		708	9.37	-0.04	-184.33	-0.05	-184.32	-1.44	-5.16	-24.55	-12.79	-16.92	9.47
		709	11.03	-2.31	-186.01	-2.39	-185.93	-3.73	-24.28	-131.09	-24.47	-130.90	4.47
		699	12.31	-4.39	-214.49	-4.54	-214.33	-5.76	-32.99	-128.79	-33.01	-128.77	-1.38
528	32	698	8.05	-0.51	-159.93	-0.63	-159.81	-4.46	-10.03	-14.05	-13.30	-10.78	-1.57
		708	6.95	-0.03	-136.69	-0.04	-136.68	-1.13	-3.94	-17.91	-9.60	-12.25	6.86
		709	8.18	-1.71	-137.99	-1.77	-137.93	-2.83	-18.06	-96.98	-18.18	-96.86	3.13
		699	9.13	-3.24	-159.01	-3.37	-158.89	-4.45	-24.54	-95.36	-24.56	-95.34	-1.29
528	37	698	7.10	-0.42	-141.47	-0.57	-141.32	-4.54	-7.35	-13.37	-12.27	-8.46	-2.33
		708	6.13	-0.04	-120.99	-0.05	-120.98	-1.20	-3.78	-14.88	-8.84	-9.82	5.53
		709	7.23	-1.51	-122.32	-1.57	-122.26	-2.70	-16.09	-84.87	-16.17	-84.80	2.20
		699	8.06	-2.82	-140.66	-2.97	-140.51	-4.52	-21.89	-83.70	-21.96	-83.63	-2.01
529	8	699	12.42	-5.10	-217.18	-5.29	-216.99	-6.25	-33.35	-128.46	-33.38	-128.44	-1.58
		709	11.18	-1.69	-188.84	-1.75	-188.79	-3.13	-23.58	-130.77	-23.75	-130.61	4.24
		710	12.52	-13.58	-189.44	-14.27	-188.75	-10.99	-44.48	-244.88	-44.48	-244.88	-0.59
		700	13.47	-18.45	-211.18	-18.59	-211.04	-5.14	-52.60	-245.77	-52.60	-245.77	-0.18
529	32	699	9.21	-3.78	-161.08	-3.93	-160.93	-4.82	-24.81	-95.12	-24.84	-95.09	-1.45
		709	8.30	-1.26	-140.16	-1.30	-140.12	-2.38	-17.53	-96.76	-17.65	-96.64	2.96
		710	9.29	-10.09	-140.65	-10.61	-140.13	-8.22	-32.96	-181.42	-32.96	-181.41	-0.57
		700	9.99	-13.68	-156.63	-13.79	-156.52	-3.97	-39.04	-182.24	-39.04	-182.24	-0.33
529	37	699	8.15	-3.35	-142.71	-3.52	-142.54	-4.85	-22.12	-83.50	-22.20	-83.42	-2.16
		709	7.35	-1.15	-124.47	-1.19	-124.42	-2.31	-15.63	-84.69	-15.70	-84.63	2.05
		710	8.23	-8.98	-125.05	-9.47	-124.56	-7.51	-29.02	-159.58	-29.03	-159.57	-0.93
		700	8.84	-12.10	-138.76	-12.23	-138.63	-4.03	-34.57	-160.82	-34.58	-160.82	-0.91
530	8	700	13.64	-19.52	-214.64	-19.74	-214.42	-6.65	-52.99	-247.23	-52.99	-247.23	-0.70
		710	12.46	-14.38	-189.32	-14.86	-188.84	-9.17	-44.42	-242.32	-44.42	-242.32	0.88
		711	13.69	-33.40	-187.63	-35.83	-185.20	-19.20	-73.11	-369.22	-73.11	-369.22	0.11
		701	14.37	-40.43	-203.59	-40.57	-203.45	-4.72	-73.53	-366.88	-73.53	-366.88	0.04
530	32	700	10.12	-14.48	-159.27	-14.66	-159.09	-5.11	-39.33	-183.33	-39.33	-183.32	-0.70
		710	9.24	-10.70	-140.61	-11.06	-140.25	-6.84	-32.92	-179.51	-32.92	-179.51	0.52
		711	10.16	-24.79	-139.41	-26.62	-137.58	-14.35	-54.16	-273.54	-54.16	-273.54	0.05
		701	10.66	-29.99	-151.06	-30.10	-150.95	-3.57	-54.54	-272.13	-54.54	-272.13	-6.27e-03
530	37	700	8.97	-12.84	-141.35	-13.04	-141.14	-5.12	-34.83	-161.80	-34.84	-161.79	-1.21
		710	8.20	-9.59	-125.20	-9.93	-124.86	-6.20	-28.99	-157.89	-28.99	-157.89	0.05
		711	9.01	-22.02	-124.28	-23.73	-122.58	-13.08	-47.64	-240.68	-47.64	-240.68	-0.04
		701	9.45	-26.60	-134.02	-26.70	-133.91	-3.40	-48.18	-240.46	-48.18	-240.46	-0.11
531	8	487	11.53	185.43	110.07	110.27	185.24	-3.83	18.76	-273.90	-10.13	-245.01	87.30
		13	49.49	78.43	-730.37	48.06	-700.00	153.76	-58.85	-758.90	-88.92	-728.83	141.93
		483	18.30	-153.78	-359.70	-153.81	-359.67	-2.61	31.01	-199.00	17.81	-185.79	-53.50
		702	19.34	136.38	-280.32	-71.38	-72.56	208.35	51.50	-138.76	48.00	-135.26	25.54
531	32	487	8.57	136.71	81.24	81.38	136.57	-2.71	12.98	-207.28	-8.67	-185.63	65.57
		13	36.68	57.87	-539.08	35.44	-516.65	113.52	-44.02	-570.68	-66.94	-547.76	107.45
		483	13.60	-113.47	-265.39	-113.50	-265.36	-1.90	22.72	-153.19	13.23	-143.69	-39.75
		702	14.32	100.65	-207.02	-52.75	-53.61	153.83	37.96	-108.13	35.19	-105.35	19.95
531	37	487	7.64	118.44	70.72	70.80	118.36	-1.97	8.54	-196.56	-11.33	-176.69	60.68
		13	32.39	50.31	-469.06	30.75	-449.50	98.87	-39.98	-529.36	-62.27	-507.07	102.03
		483	12.11	-98.62	-230.52	-98.64	-230.50	-1.53	19.21	-154.01	11.71	-146.51	-35.26
		702	12.64	87.57	-180.53	-46.10	-46.86	134.05	32.91	-112.68	29.82	-109.59	20.97
532	7	702	22.70	263.70	-160.77	33.32	69.62	211.46	37.47	-380.10	4.44	-347.08	-112.70
		483	23.47	-84.43	-448.65	-119.73	-413.35	107.76	206.54	-167.57	48.07	-9.10	184.86
		490	31.66	217.05	-59.70	112.04	45.31	134.29	194.93	-1308.83	-159.50	-954.40	-638.25
		703	23.44	-127.07	-268.53	-148.71	-246.89	50.92	966.61	140.74	152.83	954.51	99.19
532	31	702	16.82	194.38	-118.75	24.44	51.20	155.99	26.32	-289.31	1.79	-264.78	-84.50
		483	17.43	-62.19	-331.15	-88.32	-305.03	79.66	155.33	-128.44	37.30	-10.41	139.87
		490	23.69	159.84	-43.94	82.48	33.41	98.89	143.94	-989.95	-122.48	-723.53	-480.74
		703	17.40	-93.71	-198.35	-109.82	-182.24	37.76	721.22	104.69	114.14	711.77	75.72
532	37	702	14.85	168.36	-103.63	20.79	43.93	135.50	18.69	-279.90	-3.18	-258.03	-77.78
		483	15.51	-53.66	-288.12	-76.62	-265.16	69.68	144.69	-127.26	38.31	-20.88	132.72
		490	21.65	138.02	-37.84	71.08	29.10	85.39	125.51	-938.26	-121.81	-690.94	-449.36
		703	15.45	-81.29	-173.12	-95.73	-158.69	33.42	652.78	93.69	103.65	642.83	73.95
533	8	703	10.90	-26.28	-172.09	-142.92	-55.45	-58.33	17.89	-312.41	-22.82	-271.70	108.58
		490	56.67	101.20	-510.32	19.80	-428.92	207.72	1871.17	-46.80	236.72	1587.65	-680.74
		489	21.98	-111.99	-349.15	-172.16	-288.97	-103.20	386.85	-202.11	-110.03	294.77	213.90
		704	20.81	20.75	-237.84	-88.79	-128.29	127.78	701.70	40.71	77.40	665.01	-151.35
533	32	703	8.13	-19.52	-126.97	-105.56	-40.93	-42.92	12.08	-240.64	-18.01	-210.55	81.85
		490	42.13	74.60	-376.43	14.50	-316.33	153.28	1400.40	-37.09	175.49	1187.82	-510.29
		489	16.26	-82.53	-257.40	-126.94	-213.00	-76.12	287.04	-151.73	-81.60	216.91	160.79
		704	15.43	15.14	-175.48	-65.57	-94.76	94.18	522.87	29.31	56.68	495.49	-112.97
533	37	703	7.36	-17.31	-110.39	-92.11	-35.58	-36.97	6.79	-243.06	-19.65	-216.61	76.86
		490	37.62	64.65	-326.95	12.25	-274.54	133.32	1280.52	-40.53	155.42	1084.57	-469.53
		489	14.25	-71.43	-223.10	-110.09	-184.44	-66.10	254.17	-140.61	-72.29	185.85	149.34
		704	13.63	12.63	-152.53	-57.20	-82.70	81.59	470.36	23.04	47.85	445.54	-102.40
534	8	704	10.63	-51.65	-133.78	-77.25	-108.17	38.04	403.26	-6.47	-6.46	403.25	1.11
		489	22.67	-106.76	-371.84	-175.12	-303.48	115.97	527.51	20.36	20.74	527.13	-13.81
		485	14.70	93.03	-136.92	89.84	-133.73	-26.89	327.54	-6.45	-4.89	325.98	22.81
		705	15.11	-41.57	-240.98	-71.77	-210.77	71.49	327.84	17.63	18.14	327.33	12.51
534	32	704	7.86	-38.24	-98.73	-57.03	-79.94	27.99	298.78	-5.74	-5.73	298.77	1.28

		489	16.75	-78.73	-274.34	-129.26	-223.81	85.62	391.84	15.09	15.36	391.58	-9.95
		485	10.87	68.67	-100.95	66.33	-98.60	-19.80	243.01	-4.74	-3.55	241.82	17.11
		705	11.17	-30.83	-177.87	-52.99	-155.71	52.61	243.48	12.58	12.99	243.08	9.62
534	37	704	6.89	-33.65	-85.90	-49.68	-69.87	24.10	262.96	-8.19	-8.17	262.94	2.61
		489	14.64	-68.32	-238.43	-112.53	-194.22	74.61	348.33	13.35	13.53	348.15	-7.85
		485	9.49	59.80	-87.49	57.80	-85.48	-17.08	214.98	-4.06	-2.92	213.84	15.78
		705	9.78	-27.32	-154.85	-46.20	-135.97	45.29	216.22	9.52	9.97	215.77	9.61
535	8	705	13.81	-18.35	-193.47	-25.35	-186.47	34.32	324.62	3.06	3.74	323.94	14.69
		485	12.59	-9.63	-156.92	-10.05	-156.50	7.85	336.13	0.08	1.51	334.70	21.85
		491	9.95	9.51	-130.23	9.50	-130.22	-1.10	213.62	-2.20	0.23	211.19	22.76
		706	11.90	-13.20	-181.75	-13.49	-181.46	6.99	212.11	-1.32	0.61	210.18	20.23
535	32	705	10.23	-13.63	-142.96	-18.73	-137.85	25.18	241.08	1.69	2.22	240.55	11.20
		485	9.31	-7.11	-115.80	-7.43	-115.49	5.84	249.46	0.03	1.12	248.37	16.47
		491	7.36	7.03	-96.21	7.03	-96.21	-0.77	158.68	-1.63	0.19	156.86	16.96
		706	8.82	-9.75	-134.42	-9.95	-134.22	4.99	157.71	-1.34	0.11	156.27	15.09
535	37	705	8.99	-12.14	-124.92	-16.37	-120.69	21.43	214.05	-0.40	0.16	213.50	10.87
		485	8.16	-6.20	-100.71	-6.49	-100.43	5.22	220.98	-0.08	1.00	219.90	15.41
		491	6.46	6.15	-84.00	6.15	-83.99	-0.54	141.00	-1.43	0.21	139.35	15.23
		706	7.78	-8.52	-117.84	-8.65	-117.71	3.82	140.64	-2.34	-1.03	139.33	13.62
536	8	706	12.09	-8.52	-182.88	-8.74	-182.66	6.16	212.73	-1.97	-0.24	211.00	19.18
		491	9.98	-0.03	-135.92	-0.04	-135.92	1.01	214.30	-2.48	0.18	211.64	23.86
		472	8.24	1.54	-135.24	1.54	-135.23	0.60	100.04	-5.08	0.11	94.86	22.76
		707	10.42	-1.76	-179.01	-1.83	-178.94	-3.54	99.92	-8.52	-5.31	96.72	18.35
536	32	706	8.96	-6.31	-135.32	-6.46	-135.18	4.38	158.17	-1.81	-0.53	156.88	14.29
		491	7.39	-0.03	-100.49	-0.04	-100.49	0.79	159.19	-1.85	0.14	157.20	17.79
		472	6.11	1.15	-100.10	1.14	-100.10	0.48	74.45	-3.74	0.08	70.63	16.87
		707	7.73	-1.28	-132.55	-1.34	-132.49	-2.78	74.43	-6.47	-4.15	72.10	13.51
536	37	706	7.91	-5.56	-118.88	-5.65	-118.79	3.29	141.05	-2.76	-1.60	139.89	12.86
		491	6.50	-0.05	-87.98	-0.06	-87.97	0.82	141.47	-1.69	0.13	139.65	16.03
		472	5.39	1.02	-88.02	1.02	-88.02	0.55	66.64	-3.24	0.08	63.32	14.87
		707	6.83	-1.06	-116.71	-1.13	-116.64	-2.95	66.83	-6.23	-4.32	64.93	11.64
537	8	707	10.54	-1.81	-181.49	-1.87	-181.44	-3.07	99.95	-8.35	-5.19	96.79	18.23
		472	8.37	0.03	-138.57	0.03	-138.56	0.81	100.13	-5.15	0.10	94.88	22.92
		477	7.47	0.45	-142.13	0.44	-142.11	1.30	11.81	-33.30	0.20	-21.70	19.72
		708	9.26	0.61	-181.62	0.47	-181.48	-5.02	-0.25	-29.46	-12.01	-17.70	14.32
537	32	707	7.82	-1.34	-134.46	-1.38	-134.41	-2.43	74.45	-6.35	-4.05	72.15	13.43
		472	6.20	0.02	-102.64	0.01	-102.63	0.64	74.52	-3.80	0.08	70.65	16.99
		477	5.53	0.34	-105.38	0.33	-105.37	1.01	8.76	-24.44	0.15	-15.83	14.56
		708	6.86	0.47	-134.62	0.36	-134.51	-3.86	-0.30	-21.53	-9.01	-12.83	10.44
537	37	707	6.92	-1.16	-118.62	-1.22	-118.56	-2.64	66.84	-6.12	-4.24	64.96	11.56
		472	5.48	-8.10e-03	-90.48	-0.01	-90.47	0.69	66.69	-3.29	0.07	63.33	14.98
		477	4.88	0.32	-93.23	0.31	-93.22	1.01	7.79	-20.76	0.14	-13.11	12.64
		708	6.05	0.47	-118.97	0.34	-118.84	-3.89	-0.60	-18.03	-8.29	-10.34	8.66
538	8	708	9.38	0.13	-184.12	0.02	-184.01	-4.62	-0.15	-29.38	-11.78	-17.75	14.31
		477	7.58	-0.03	-144.59	-0.05	-144.57	1.39	12.01	-33.53	0.32	-21.83	19.90
		479	9.50	0.45	-147.98	0.43	-147.96	1.73	1.40	-139.71	0.12	-138.44	13.36
		709	11.12	-1.21	-186.85	-1.43	-186.63	-6.34	-22.16	-132.38	-22.66	-131.88	7.36
538	32	708	6.95	0.10	-136.54	7.32e-03	-136.44	-3.57	-0.23	-21.48	-8.84	-12.87	10.43
		477	5.62	-0.03	-107.27	-0.04	-107.26	1.07	8.92	-24.62	0.24	-15.94	14.69
		479	7.05	0.34	-109.89	0.33	-109.87	1.32	1.03	-103.37	0.09	-102.43	9.82
		709	8.24	-0.88	-138.62	-1.06	-138.45	-4.85	-16.49	-97.93	-16.83	-97.59	5.26
538	37	708	6.13	0.10	-120.88	-0.01	-120.77	-3.63	-0.54	-17.99	-8.14	-10.39	8.65
		477	4.97	-0.05	-95.12	-0.06	-95.11	1.07	7.92	-20.92	0.21	-13.21	12.76
		479	6.25	0.33	-97.76	0.31	-97.74	1.29	0.88	-90.46	0.10	-89.68	8.40
		709	7.29	-0.74	-122.92	-0.93	-122.73	-4.76	-14.73	-85.68	-14.96	-85.45	4.03
539	8	709	11.26	-1.98	-189.91	-2.18	-189.71	-6.15	-21.97	-132.55	-22.38	-132.13	6.77
		479	9.60	1.14	-149.25	1.10	-149.21	2.31	3.07	-140.37	1.62	-138.92	14.33
		481	11.70	-0.54	-159.02	-0.54	-159.01	-0.57	-3.05	-252.09	-3.05	-252.09	0.11
		710	12.81	-9.11	-193.18	-10.17	-192.11	-13.97	-42.36	-244.92	-42.37	-244.91	-1.44
539	32	709	8.35	-1.47	-140.96	-1.63	-140.80	-4.71	-16.34	-98.06	-16.63	-97.78	4.82
		479	7.13	0.84	-110.89	0.81	-110.86	1.75	2.26	-103.86	1.21	-102.80	10.54
		481	8.69	-0.40	-118.25	-0.40	-118.25	-0.40	-2.25	-186.68	-2.25	-186.68	8.07e-03
		710	9.50	-6.75	-143.44	-7.56	-142.63	-10.51	-31.38	-181.44	-31.39	-181.43	-1.22
539	37	709	7.40	-1.30	-125.22	-1.47	-125.04	-4.64	-14.59	-85.82	-14.78	-85.63	3.64
		479	6.33	0.73	-98.86	0.70	-98.83	1.68	1.96	-90.91	1.07	-90.02	9.03
		481	7.72	-0.33	-105.75	-0.34	-105.75	-0.26	-1.94	-163.96	-1.94	-163.96	-0.22
		710	8.43	-5.95	-127.60	-6.75	-126.80	-9.81	-27.61	-159.59	-27.62	-159.57	-1.56
540	8	710	13.18	-14.52	-204.75	-17.10	-202.17	-22.03	-47.31	-241.30	-47.53	-241.08	-6.49
		481	12.10	13.09	-155.45	12.75	-155.11	7.53	15.78	-257.23	15.68	-257.13	4.99
		12	15.24	-22.38	-219.80	-29.07	-213.11	-35.72	-41.66	-338.15	-45.40	-334.40	-33.11
		711	12.70	-35.84	-168.33	-38.03	-166.13	-16.91	-79.50	-372.52	-79.62	-372.39	6.09
540	32	710	9.78	-10.78	-152.13	-12.74	-150.17	-16.53	-35.04	-178.76	-35.21	-178.59	-4.95
		481	8.99	9.73	-115.67	9.47	-115.41	5.65	11.68	-190.50	11.62	-190.43	3.62
		12	11.33	-16.67	-163.63	-21.65	-158.65	-26.60	-30.81	-250.27	-33.60	-247.49	-24.56
		711	9.42	-26.61	-125.01	-28.26	-123.37	-12.60	-58.89	-275.97	-58.98	-275.88	4.47
540	37	710	8.69	-9.57	-135.62	-11.45	-133.75	-15.27	-30.78	-157.25	-30.96	-157.06	-4.82
		481	8.00	8.69	-103.67	8.45	-103.43	5.19	10.26	-167.37	10.21	-167.32	2.95

		12	10.10	-14.99	-146.93	-19.48	-142.44	-23.92	-26.96	-219.42	-29.44	-216.95	-21.69
		711	8.35	-23.68	-111.27	-25.18	-109.77	-11.37	-51.78	-242.76	-51.85	-242.69	3.82
541	7	471	26.54	202.08	53.92	54.74	201.26	-11.04	65.39	-1235.35	-76.89	-1093.07	-405.99
		682	58.78	29.34	-626.08	-305.98	-290.77	-327.62	2010.57	336.00	837.03	1509.54	766.79
		31	84.06	623.92	0.33	13.25	611.01	88.81	54.43	-3580.26	-371.10	-3154.73	-1168.59
541	31	471	20.01	148.52	37.90	38.59	147.82	-8.72	47.61	-943.53	-63.44	-832.49	-312.62
		682	43.95	21.68	-462.27	-225.75	-214.85	-241.91	1529.30	256.24	627.44	1158.10	578.60
		31	63.84	459.42	-0.08	9.36	449.98	65.18	32.05	-2767.22	-284.60	-2450.57	-886.64
541	37	471	18.78	127.30	26.96	27.85	126.41	-9.43	39.56	-923.09	-76.62	-806.91	-313.60
		682	40.10	18.93	-402.93	-196.20	-187.80	-210.89	1477.42	248.24	577.00	1148.66	544.08
		31	61.34	396.48	-1.12	6.80	388.56	55.56	3.25	-2809.05	-281.95	-2523.86	-848.95
542	7	66	26.00	54.59	-26.10	-15.96	44.45	-26.75	-453.27	-1864.95	-931.26	-1386.96	-668.05
		714	13.54	4.36	-108.35	-10.60	-93.39	38.25	802.03	3.76	204.46	601.34	346.31
		713	6.16	11.72	-12.18	9.83	-10.28	-6.46	-233.27	-441.88	-319.21	-355.94	-102.68
		712	10.82	44.27	-36.95	42.61	-35.30	11.48	597.72	-120.73	105.75	371.24	333.80
542	31	66	19.83	40.46	-19.86	-12.35	32.95	-19.92	-341.52	-1423.02	-701.43	-1063.10	-509.62
		714	10.29	3.10	-80.21	-7.90	-69.22	28.19	611.83	4.37	155.20	461.00	262.43
		713	4.72	8.57	-9.10	7.09	-7.62	-4.89	-176.69	-338.19	-241.14	-273.73	-79.09
		712	8.23	32.88	-27.25	31.69	-26.07	8.35	453.21	-94.81	77.08	281.32	254.27
542	37	66	19.32	35.77	-19.20	-12.57	29.13	-17.91	-319.02	-1387.98	-655.58	-1051.42	-496.48
		714	9.92	2.31	-70.57	-7.09	-61.17	24.42	596.19	8.81	148.82	456.18	250.28
		713	4.66	7.21	-8.31	5.66	-6.75	-4.66	-167.90	-333.23	-227.62	-273.52	-79.41
		712	7.94	29.27	-23.64	28.37	-22.73	6.87	433.02	-100.78	63.95	268.29	246.57
543	8	712	6.80	64.69	-2.60	47.34	14.75	29.44	87.02	-209.43	-200.71	78.31	-50.07
		713	7.16	10.17	-106.57	-11.64	-84.76	45.50	52.88	-131.77	-77.75	-1.14	84.01
		716	5.19	45.73	-31.39	44.05	-29.71	11.27	36.14	-101.00	-97.27	32.41	-22.32
		715	3.39	-2.77	-45.38	-18.74	-29.42	20.62	46.55	-58.35	-22.65	10.85	-49.70
543	32	712	5.08	47.59	-1.92	34.89	10.78	21.62	62.79	-159.52	-152.78	56.05	-38.12
		713	5.34	7.40	-78.86	-8.67	-62.79	33.59	39.15	-100.17	-58.50	-2.52	63.79
		716	3.86	33.77	-23.21	32.56	-22.00	8.22	26.17	-76.74	-73.94	23.36	-16.76
		715	2.52	-2.14	-33.52	-13.83	-21.84	15.17	34.10	-44.61	-17.46	6.94	-37.42
543	37	712	4.60	40.35	-1.89	29.86	8.60	18.25	47.80	-156.20	-149.12	40.72	-37.35
		713	4.82	6.08	-68.88	-7.71	-55.08	29.05	33.98	-97.31	-54.48	-8.85	61.55
		716	3.43	29.17	-20.39	28.23	-19.45	6.77	20.18	-74.34	-71.73	17.56	-15.49
		715	2.21	-2.18	-29.21	-11.84	-19.55	12.95	28.10	-44.40	-17.86	1.56	-34.92
544	8	715	3.68	21.23	-28.54	14.91	-22.22	16.56	49.53	-68.11	-54.54	35.95	-37.59
		716	3.60	15.05	-46.85	9.80	-41.59	17.25	9.68	-63.78	-63.04	8.94	-7.33
		718	2.97	14.84	-37.01	12.16	-34.33	11.47	11.49	-45.53	-37.13	3.09	-20.21
		717	2.29	1.50	-30.63	-0.60	-28.54	7.94	27.69	-52.28	-21.07	-3.53	-39.01
544	32	715	2.73	15.60	-21.18	11.01	-16.59	12.15	36.06	-51.84	-41.60	25.81	-28.20
		716	2.66	11.05	-34.68	7.22	-30.85	12.67	6.12	-48.27	-47.74	5.60	-5.31
		718	2.20	10.93	-27.39	8.97	-25.44	8.43	8.04	-34.31	-28.15	1.88	-14.94
		717	1.70	1.07	-22.70	-0.44	-21.19	5.79	20.25	-39.51	-16.02	-3.24	-29.19
544	37	715	2.42	13.19	-18.92	9.51	-15.24	10.23	28.72	-50.63	-40.93	19.02	-25.99
		716	2.31	9.33	-30.52	6.19	-27.37	10.74	1.05	-46.01	-45.64	0.68	-4.15
		718	1.92	9.34	-24.16	7.74	-22.55	7.16	5.02	-32.19	-27.03	-0.15	-12.86
		717	1.48	0.79	-20.16	-0.35	-19.02	4.75	16.49	-37.54	-15.57	-5.48	-26.54
545	8	717	2.45	5.58	-32.72	4.00	-31.14	7.62	24.93	-47.47	-22.86	0.32	-34.30
		718	2.87	9.79	-40.43	7.03	-37.66	11.46	7.96	-45.47	-35.78	-1.73	-20.58
		720	2.28	5.50	-38.92	4.00	-37.42	8.02	1.50	-40.89	-21.19	-18.20	-21.14
		719	2.10	1.14	-36.31	0.85	-36.02	3.29	12.12	-45.36	-12.39	-20.85	-28.43
545	32	717	1.81	4.07	-24.33	2.94	-23.20	5.55	18.11	-35.84	-17.39	-0.33	-25.59
		718	2.12	7.18	-30.00	5.16	-27.98	8.42	5.35	-34.24	-27.09	-1.80	-15.23
		720	1.69	4.04	-28.87	2.94	-27.78	5.91	0.81	-30.48	-15.98	-13.70	-15.60
		719	1.56	0.83	-26.96	0.63	-26.76	2.36	8.80	-33.90	-9.37	-15.72	-21.11
545	37	717	1.59	3.36	-21.88	2.52	-21.03	4.54	14.24	-33.93	-16.96	-2.73	-23.01
		718	1.86	6.04	-26.67	4.39	-25.02	7.16	2.38	-32.02	-25.87	-3.77	-13.17
		720	1.48	3.42	-25.69	2.51	-24.78	5.06	-0.58	-27.37	-15.02	-12.93	-13.35
		719	1.41	0.70	-24.12	0.56	-23.99	1.82	6.88	-30.77	-8.92	-14.97	-18.58
546	7	719	2.24	1.32	-39.26	1.05	-38.99	3.28	10.77	-44.56	-12.76	-21.03	-27.35
		720	2.36	4.36	-41.89	2.98	-40.51	7.87	0.23	-41.01	-21.79	-19.00	-20.57
		722	2.53	1.79	-43.00	0.83	-42.05	6.47	-4.24	-45.48	-15.38	-34.34	-18.31
		721	2.67	0.42	-42.87	0.34	-42.79	1.83	2.78	-49.00	-8.85	-37.37	-21.61
546	31	719	1.67	0.95	-29.19	0.77	-29.01	2.36	7.86	-33.31	-9.65	-15.81	-20.35
		720	1.75	3.19	-31.14	2.18	-30.12	5.80	-0.07	-30.62	-16.42	-14.26	-15.24
		722	1.88	1.31	-31.96	0.60	-31.25	4.79	-3.25	-33.70	-11.51	-25.43	-13.54
		721	1.99	0.31	-31.85	0.26	-31.80	1.30	2.01	-36.34	-6.63	-27.70	-16.03
546	37	719	1.50	0.76	-26.12	0.63	-25.99	1.87	6.56	-30.36	-9.12	-14.69	-18.25
		720	1.55	2.68	-27.80	1.82	-26.94	5.04	-0.80	-27.76	-15.39	-13.17	-13.43
		722	1.67	1.11	-28.51	0.49	-27.89	4.23	-3.21	-29.75	-10.54	-22.42	-11.87
		721	1.77	0.27	-28.40	0.24	-28.37	0.98	1.63	-32.21	-6.10	-24.48	-14.20
547	8	721	2.78	0.12	-45.11	0.04	-45.03	1.88	3.28	-49.79	-8.95	-37.56	-22.35
		722	2.65	1.29	-45.52	0.33	-44.56	6.62	-4.00	-46.37	-15.73	-34.63	-18.96
		724	2.95	-0.58	-47.37	-1.64	-46.31	6.97	-8.45	-56.44	-14.04	-50.86	-15.39
		723	3.19	-0.41	-48.81	-0.54	-48.68	2.49	-3.31	-60.42	-8.71	-55.02	-16.71
547	32	721	2.07	0.07	-33.61	0.02	-33.56	1.33	2.35	-36.87	-6.71	-27.81	-16.52
		722	1.97	0.92	-33.91	0.22	-33.21	4.89	-3.10	-34.29	-11.77	-25.62	-13.97

		724	2.19	-0.44	-35.28	-1.23	-34.49	5.18	-6.27	-41.51	-10.40	-37.38	-11.33
		723	2.37	-0.31	-36.33	-0.40	-36.24	1.80	-2.45	-44.45	-6.45	-40.45	-12.33
547	37	721	1.86	5.37e-03	-30.37	-0.03	-30.34	0.96	1.66	-32.17	-6.15	-24.36	-14.25
		722	1.76	0.69	-30.58	0.09	-29.99	4.26	-3.33	-29.75	-10.72	-22.37	-11.86
		724	1.95	-0.45	-31.78	-1.13	-31.10	4.58	-5.56	-35.10	-9.07	-31.60	-9.55
		723	2.10	-0.28	-32.70	-0.35	-32.64	1.43	-2.16	-37.69	-5.61	-34.24	-10.52
548	8	723	3.32	-0.44	-51.30	-0.52	-51.22	2.05	-2.97	-60.15	-8.46	-54.66	-16.85
		724	3.09	-1.02	-50.41	-2.15	-49.28	7.37	-8.61	-56.36	-14.20	-50.77	-15.35
		726	3.30	-4.11	-50.93	-5.67	-49.37	8.40	-13.42	-70.44	-15.43	-68.44	-10.50
		725	3.75	-2.51	-56.11	-3.19	-55.43	6.00	-10.42	-76.65	-11.96	-75.10	-10.00
548	32	723	2.47	-0.34	-38.26	-0.40	-38.20	1.47	-2.20	-44.26	-6.27	-40.19	-12.43
		724	2.30	-0.79	-37.61	-1.62	-36.77	5.48	-6.39	-41.45	-10.52	-37.32	-11.30
		726	2.45	-3.07	-37.99	-4.23	-36.83	6.25	-9.84	-51.60	-11.33	-50.12	-7.73
		725	2.78	-1.88	-41.82	-2.37	-41.32	4.43	-7.63	-56.17	-8.78	-55.02	-7.38
548	37	723	2.20	-0.35	-34.65	-0.39	-34.61	1.12	-1.96	-37.53	-5.47	-34.02	-10.61
		724	2.05	-0.80	-34.08	-1.52	-33.35	4.86	-5.67	-35.06	-9.18	-31.55	-9.53
		726	2.17	-2.80	-34.39	-3.82	-33.37	5.58	-8.23	-42.87	-9.50	-41.60	-6.51
		725	2.46	-1.71	-37.75	-2.12	-37.34	3.83	-6.35	-46.75	-7.36	-45.74	-6.30
549	8	725	3.81	-3.42	-57.84	-3.90	-57.36	5.09	-10.27	-75.33	-11.84	-73.76	-9.99
		726	3.46	-4.51	-54.47	-6.57	-52.41	9.94	-13.78	-70.90	-15.69	-68.98	-10.28
		727	3.57	-9.29	-51.67	-10.32	-50.63	6.54	-17.73	-88.75	-17.80	-88.68	-2.20
		65	4.19	-9.00	-60.35	-11.32	-58.02	10.67	-20.51	-104.26	-20.55	-104.21	-1.96
549	32	725	2.83	-2.57	-43.16	-2.91	-42.82	3.72	-7.52	-55.21	-8.69	-54.04	-7.37
		726	2.57	-3.37	-40.70	-4.91	-39.15	7.43	-10.10	-51.94	-11.52	-50.52	-7.57
		727	2.65	-6.96	-38.58	-7.71	-37.83	4.83	-12.95	-64.82	-13.00	-64.77	-1.62
		65	3.11	-6.71	-45.04	-8.45	-43.30	7.97	-15.00	-76.26	-15.03	-76.22	-1.45
549	37	725	2.51	-2.38	-39.16	-2.64	-38.90	3.09	-6.27	-45.96	-7.29	-44.93	-6.29
		726	2.29	-3.08	-37.06	-4.47	-35.67	6.74	-8.45	-43.16	-9.67	-41.95	-6.37
		727	2.33	-6.39	-35.07	-7.01	-34.45	4.17	-10.59	-53.08	-10.63	-53.04	-1.36
		65	2.73	-6.09	-40.85	-7.66	-39.28	7.21	-12.35	-62.79	-12.38	-62.76	-1.25
550	8	714	8.15	-0.85	-118.77	-56.45	-63.17	-58.87	-32.44	-177.48	-61.23	-148.69	-57.85
		729	3.61	38.19	-29.12	16.32	-7.25	31.53	68.10	-12.82	1.57	53.70	30.94
		728	4.61	11.65	-70.74	6.11	-65.21	-20.63	-27.20	-66.68	-27.83	-66.04	-4.97
		713	6.13	76.15	-16.04	74.57	-14.46	-11.95	70.56	-134.18	-58.34	-5.29	98.87
550	32	714	6.14	-1.22	-88.53	-42.41	-47.33	-43.58	-23.12	-137.01	-45.88	-114.25	-45.54
		729	2.64	28.30	-20.35	12.44	-4.48	22.81	52.01	-9.16	1.45	41.40	23.16
		728	3.45	8.27	-52.37	4.13	-48.22	-15.30	-20.16	-51.91	-20.87	-51.21	-4.67
		713	4.58	56.78	-11.71	55.51	-10.44	-9.25	52.34	-101.55	-43.68	-5.53	74.55
550	37	714	5.74	-2.68	-79.13	-38.64	-43.18	-38.16	-16.38	-141.01	-41.84	-115.55	-50.24
		729	2.24	24.99	-14.40	11.91	-1.32	18.55	51.38	-6.62	2.40	42.36	21.02
		728	3.15	6.24	-45.80	2.50	-42.05	-13.45	-17.29	-55.40	-19.07	-53.61	-8.06
		713	4.12	50.66	-9.86	49.23	-8.43	-9.19	45.75	-96.93	-39.84	-11.33	69.90
551	8	713	6.39	52.70	-70.46	52.52	-70.28	4.77	-24.25	-126.28	-114.37	-36.16	32.76
		728	2.88	20.56	-37.72	20.28	-37.44	4.08	13.13	-44.14	-12.16	-18.86	28.44
		730	3.10	18.97	-43.25	18.27	-42.55	6.56	-12.78	-51.36	-49.20	-14.94	8.87
		716	3.24	11.19	-40.67	6.24	-35.72	15.24	29.44	-57.07	-57.01	29.37	2.40
551	32	713	4.72	38.88	-52.26	38.76	-52.13	3.33	-20.41	-95.59	-86.51	-29.49	24.49
		728	2.14	15.18	-27.67	14.99	-27.48	2.83	9.45	-33.28	-8.73	-15.10	21.13
		730	2.28	13.89	-31.89	13.39	-31.39	4.75	-10.54	-38.81	-37.09	-12.27	6.76
		716	2.39	8.18	-29.96	4.62	-26.40	11.09	21.24	-43.20	-43.13	21.17	2.16
551	37	713	4.09	33.49	-46.08	33.43	-46.01	2.26	-27.50	-91.20	-82.31	-36.39	22.08
		728	1.90	13.14	-23.53	13.03	-23.43	1.95	7.34	-31.44	-6.44	-17.66	18.56
		730	1.93	11.68	-27.62	11.30	-27.24	3.84	-13.45	-36.79	-34.74	-15.50	6.61
		716	2.06	6.81	-25.90	4.05	-23.14	9.10	16.09	-41.25	-41.05	15.90	3.34
552	8	716	3.85	22.05	-43.46	19.22	-40.62	13.34	11.88	-67.67	-67.06	11.27	-6.91
		730	3.03	16.66	-44.85	15.74	-43.93	7.49	-2.47	-40.38	-36.97	-5.88	10.84
		731	2.68	12.76	-39.89	11.10	-38.22	9.23	-6.41	-35.45	-33.46	-8.40	-7.35
		718	2.59	8.44	-36.78	6.74	-35.07	8.61	8.24	-41.65	-32.88	-0.52	-18.98
552	32	716	2.85	16.20	-32.17	14.16	-30.14	9.70	7.81	-51.26	-50.82	7.38	-5.03
		730	2.23	12.23	-33.12	11.57	-32.46	5.42	-2.52	-30.50	-27.77	-5.25	8.31
		731	1.97	9.36	-29.48	8.15	-28.26	6.76	-5.34	-26.62	-25.22	-6.73	-5.27
		718	1.91	6.18	-27.20	4.97	-25.98	6.24	5.56	-31.31	-24.87	-0.88	-14.00
552	37	716	2.48	13.71	-28.31	12.17	-26.76	7.91	2.74	-49.03	-48.72	2.42	-4.05
		730	1.90	10.36	-28.84	9.86	-28.34	4.39	-4.91	-28.91	-25.60	-8.22	8.27
		731	1.70	7.90	-25.77	6.91	-24.78	5.69	-7.08	-24.56	-23.63	-8.02	-3.93
		718	1.65	5.19	-23.90	4.29	-23.01	5.03	2.59	-29.10	-23.66	-2.85	-11.95
553	8	718	2.80	10.12	-39.56	8.44	-37.87	9.00	6.95	-44.22	-35.89	-1.38	-18.90
		731	2.70	11.08	-42.71	9.67	-41.30	8.61	-7.38	-32.48	-30.84	-9.01	-6.20
		732	2.27	6.66	-40.29	5.23	-38.87	8.06	-8.19	-34.55	-23.04	-19.70	-13.08
		720	2.15	4.09	-38.41	3.35	-37.66	5.59	1.02	-40.68	-21.02	-18.64	-20.82
553	32	718	2.07	7.40	-29.33	6.20	-28.13	6.53	4.60	-33.30	-27.17	-1.53	-13.95
		731	1.99	8.11	-31.63	7.08	-30.61	6.31	-6.06	-24.35	-23.22	-7.18	-4.40
		732	1.68	4.87	-29.86	3.83	-28.81	5.93	-6.44	-25.68	-17.31	-14.80	-9.54
		720	1.59	2.99	-28.48	2.46	-27.95	4.04	0.45	-30.33	-15.84	-14.03	-15.36
553	37	718	1.80	6.17	-26.04	5.28	-25.15	5.28	1.69	-31.11	-25.93	-3.49	-11.97
		731	1.72	6.79	-27.90	5.97	-27.07	5.29	-7.71	-22.32	-21.63	-8.39	-3.09
		732	1.47	4.07	-26.41	3.20	-25.54	5.07	-7.14	-22.72	-15.99	-13.87	-7.72

		720	1.39	2.47	-25.30	2.10	-24.93	3.20	-0.90	-27.23	-14.85	-13.27	-13.14
554	7	720	2.27	3.94	-41.35	3.25	-40.66	5.54	-0.52	-40.27	-21.78	-19.01	-19.82
		732	2.37	5.75	-43.10	4.48	-41.82	7.79	-9.41	-33.75	-22.67	-20.49	-12.12
		733	2.48	2.29	-42.59	1.07	-41.37	7.30	-9.79	-40.74	-17.54	-32.99	-13.41
		722	2.53	1.14	-42.50	0.74	-42.10	4.18	-4.54	-45.22	-15.41	-34.35	-18.00
554	31	720	1.68	2.87	-30.73	2.38	-30.24	4.02	-0.63	-30.05	-16.42	-14.27	-14.67
		732	1.76	4.19	-32.00	3.26	-31.07	5.74	-7.29	-25.11	-17.04	-15.37	-8.87
		733	1.84	1.66	-31.64	0.76	-30.74	5.41	-7.41	-30.13	-13.11	-24.43	-9.85
		722	1.88	0.82	-31.57	0.53	-31.29	3.03	-3.47	-33.50	-11.54	-25.44	-13.31
554	37	720	1.49	2.36	-27.40	2.00	-27.04	3.25	-1.32	-27.23	-15.38	-13.18	-12.91
		732	1.57	3.48	-28.48	2.70	-27.69	4.96	-7.43	-22.51	-15.79	-14.14	-7.49
		733	1.63	1.35	-28.19	0.56	-27.40	4.76	-7.03	-26.43	-11.93	-21.53	-8.43
		722	1.67	0.64	-28.13	0.43	-27.92	2.47	-3.41	-29.57	-10.56	-22.42	-11.66
555	8	722	2.65	0.82	-44.97	0.42	-44.57	4.29	-4.32	-46.03	-15.73	-34.61	-18.60
		733	2.61	1.81	-45.19	0.60	-43.99	7.42	-9.62	-41.62	-17.82	-33.42	-13.97
		734	2.77	-1.12	-45.33	-2.46	-43.98	7.59	-11.14	-51.81	-15.38	-47.57	-12.43
		724	2.94	-1.25	-46.76	-1.75	-46.26	4.75	-8.52	-56.30	-13.97	-50.86	-15.18
555	32	722	1.97	0.57	-33.49	0.28	-33.21	3.10	-3.34	-34.04	-11.77	-25.61	-13.70
		733	1.94	1.28	-33.64	0.40	-32.76	5.49	-7.31	-30.72	-13.30	-24.73	-10.21
		734	2.06	-0.86	-33.76	-1.86	-32.76	5.63	-8.28	-38.07	-11.38	-34.97	-9.10
		724	2.18	-0.95	-34.82	-1.31	-34.46	3.47	-6.33	-41.40	-10.34	-37.38	-11.17
555	37	722	1.77	0.35	-30.19	0.15	-29.99	2.47	-3.55	-29.52	-10.71	-22.35	-11.61
		733	1.73	0.92	-30.26	0.18	-29.51	4.77	-7.14	-26.43	-11.98	-21.59	-8.36
		734	1.83	-0.89	-30.38	-1.75	-29.52	4.97	-7.39	-32.10	-9.91	-29.58	-7.48
		724	1.94	-0.93	-31.34	-1.20	-31.06	2.87	-5.61	-35.00	-9.02	-31.60	-9.41
556	8	724	3.06	-1.68	-49.42	-2.14	-48.96	4.68	-8.57	-56.20	-14.07	-50.71	-15.21
		734	2.90	-1.64	-48.06	-2.99	-46.71	7.80	-11.22	-51.90	-15.47	-47.65	-12.44
		735	3.05	-4.79	-47.66	-6.27	-46.18	7.83	-13.14	-63.66	-14.61	-62.19	-8.49
		726	3.30	-4.62	-50.62	-5.57	-49.67	6.54	-13.15	-70.42	-15.05	-68.52	-10.25
556	32	724	2.28	-1.29	-36.86	-1.62	-36.53	3.41	-6.36	-41.33	-10.42	-37.27	-11.20
		734	2.16	-1.27	-35.86	-2.27	-34.86	5.80	-8.34	-38.14	-11.45	-35.03	-9.11
		735	2.26	-3.59	-35.56	-4.69	-34.46	5.82	-9.65	-46.61	-10.72	-45.54	-6.21
		726	2.45	-3.46	-37.75	-4.15	-37.05	4.82	-9.65	-51.58	-11.05	-50.18	-7.54
556	37	724	2.03	-1.27	-33.38	-1.52	-33.13	2.81	-5.65	-34.95	-9.09	-31.51	-9.43
		734	1.93	-1.29	-32.47	-2.16	-31.60	5.13	-7.45	-32.16	-9.97	-29.64	-7.48
		735	2.00	-3.31	-32.21	-4.27	-31.25	5.18	-8.12	-38.67	-9.01	-37.79	-5.11
		726	2.17	-3.19	-34.14	-3.76	-33.57	4.16	-8.07	-42.84	-9.27	-41.64	-6.34
557	8	726	3.40	-5.74	-52.76	-6.35	-52.14	5.35	-13.34	-70.47	-15.17	-68.65	-10.06
		735	3.19	-5.00	-50.75	-6.92	-48.83	9.18	-13.28	-63.93	-14.63	-62.58	-8.16
		736	3.25	-8.90	-48.61	-9.67	-47.83	5.49	-14.83	-75.00	-14.86	-74.97	-1.42
		727	3.63	-8.48	-53.11	-10.34	-51.24	8.93	-17.58	-88.45	-17.64	-88.39	-2.06
557	32	726	2.53	-4.31	-39.40	-4.75	-38.95	3.91	-9.79	-51.63	-11.14	-50.27	-7.40
		735	2.37	-3.75	-37.93	-5.19	-36.50	6.86	-9.75	-46.81	-10.75	-45.82	-5.98
		736	2.41	-6.67	-36.32	-7.23	-35.75	4.04	-10.81	-54.72	-10.84	-54.70	-1.04
		727	2.69	-6.33	-39.67	-7.72	-38.28	6.66	-12.83	-64.60	-12.88	-64.55	-1.51
557	37	726	2.25	-4.00	-35.82	-4.33	-35.49	3.23	-8.19	-42.89	-9.35	-41.74	-6.23
		735	2.11	-3.47	-34.58	-4.76	-33.28	6.22	-8.21	-38.85	-9.03	-38.03	-4.92
		736	2.13	-6.14	-33.06	-6.59	-32.61	3.44	-8.81	-44.66	-8.83	-44.63	-0.86
		727	2.37	-5.78	-36.09	-7.02	-34.85	6.00	-10.50	-52.89	-10.54	-52.86	-1.28
558	7	729	5.14	29.13	-79.93	-12.56	-38.25	-53.00	4.54	-19.35	2.82	-17.63	-6.18
		738	4.12	35.45	-58.31	3.54	-26.39	44.43	4.95	-3.69	-3.24	4.50	1.93
		737	3.02	16.23	-46.43	9.78	-39.98	-19.04	-2.10	-20.65	-2.35	-20.40	2.14
		728	3.35	28.55	-40.04	25.27	-36.77	14.62	-5.29	-48.18	-25.38	-28.08	21.40
558	31	729	3.78	21.10	-58.78	-9.60	-28.08	-38.85	3.88	-15.03	2.32	-13.47	-5.20
		738	2.98	25.95	-42.13	2.88	-19.06	32.22	3.68	-2.65	-2.42	3.45	1.19
		737	2.22	11.73	-34.05	6.99	-29.31	-13.95	-1.60	-15.88	-1.70	-15.78	1.19
		728	2.45	21.01	-29.08	18.78	-26.85	10.34	-4.64	-36.20	-18.94	-21.90	15.71
558	37	729	3.27	17.10	-50.46	-9.39	-23.98	-32.98	5.13	-15.54	2.76	-13.18	-6.58
		738	2.45	21.89	-33.76	3.38	-15.26	26.22	3.45	-2.22	-2.20	3.43	0.31
		737	1.92	9.41	-28.94	5.35	-24.88	-11.79	-1.36	-16.04	-1.37	-16.04	-0.19
		728	2.08	18.13	-23.85	16.73	-22.44	7.55	-6.27	-33.66	-17.12	-22.81	13.40
559	8	728	3.12	19.63	-48.22	18.69	-47.29	-7.91	-11.27	-46.14	-29.85	-27.57	17.40
		737	2.60	13.80	-39.36	12.95	-38.51	6.66	-1.09	-18.35	-4.79	-14.65	7.09
		739	2.56	14.64	-39.92	14.61	-39.90	1.25	-12.25	-22.73	-16.45	-18.52	5.13
		730	2.98	19.82	-41.67	18.32	-40.18	9.47	-2.43	-41.09	-37.02	-6.50	11.86
559	32	728	2.28	14.42	-35.59	13.68	-34.85	-6.04	-9.35	-34.80	-22.30	-21.85	12.72
		737	1.91	10.12	-28.80	9.52	-28.20	4.79	-1.06	-13.89	-3.45	-11.50	5.00
		739	1.89	10.69	-29.35	10.67	-29.33	0.87	-9.39	-17.40	-12.27	-14.52	3.84
		730	2.19	14.57	-30.64	13.52	-29.59	6.81	-2.51	-31.04	-27.79	-5.76	9.06
559	37	728	2.04	12.29	-30.88	11.50	-30.09	-5.78	-11.80	-32.99	-20.10	-24.69	10.35
		737	1.65	8.60	-24.27	8.14	-23.81	3.86	-1.52	-13.59	-2.51	-12.60	3.31
		739	1.66	8.95	-25.14	8.94	-25.13	0.62	-9.13	-17.64	-10.90	-15.87	3.45
		730	1.84	12.41	-26.30	11.66	-25.55	5.35	-4.98	-29.45	-25.58	-8.85	8.93
560	7	730	2.90	15.84	-43.05	15.42	-42.62	4.99	-8.20	-40.01	-38.04	-10.18	7.68
		739	2.66	14.40	-41.93	13.95	-41.49	5.00	-10.64	-21.53	-15.23	-16.95	5.38
		740	2.32	10.62	-38.96	9.96	-38.30	5.69	-16.44	-21.25	-20.29	-17.40	-1.92
		731	2.54	11.33	-39.62	10.46	-38.74	6.61	-8.00	-31.94	-30.48	-9.45	-5.72

560	31	730	2.14	11.61	-31.78	11.32	-31.50	3.52	-6.75	-30.20	-28.62	-8.33	5.87
		739	1.96	10.54	-30.89	10.22	-30.57	3.62	-8.11	-16.43	-11.38	-13.16	4.06
		740	1.72	7.76	-28.74	7.28	-28.26	4.16	-12.67	-15.85	-15.22	-13.30	-1.26
		731	1.87	8.31	-29.25	7.70	-28.63	4.76	-6.40	-23.96	-22.96	-7.40	-4.08
560	37	730	1.84	9.83	-27.71	9.66	-27.54	2.54	-8.07	-28.45	-26.67	-9.85	5.76
		739	1.72	8.89	-26.70	8.65	-26.46	2.92	-7.80	-16.12	-10.37	-13.55	3.84
		740	1.50	6.52	-24.98	6.12	-24.58	3.51	-12.75	-14.32	-14.03	-13.04	-0.61
		731	1.62	7.07	-25.49	6.63	-25.04	3.77	-7.14	-22.11	-21.44	-7.81	-3.10
561	7	731	2.59	10.45	-41.78	9.69	-41.02	6.23	-9.08	-32.06	-30.35	-10.80	-6.03
		740	2.45	10.09	-41.79	9.38	-41.08	6.03	-15.92	-20.61	-19.41	-17.12	-2.05
		741	2.32	6.24	-39.87	5.25	-38.87	6.69	-13.00	-28.71	-18.53	-23.18	-7.51
		732	2.23	5.63	-39.80	4.96	-39.13	5.49	-9.12	-33.58	-22.32	-20.38	-12.19
561	31	731	1.91	7.64	-30.93	7.11	-30.40	4.48	-7.22	-24.05	-22.86	-8.42	-4.33
		740	1.81	7.37	-30.91	6.85	-30.40	4.41	-12.27	-15.37	-14.56	-13.08	-1.36
		741	1.72	4.55	-29.51	3.82	-28.78	4.93	-9.93	-21.31	-13.87	-17.37	-5.41
		732	1.65	4.11	-29.47	3.63	-29.00	3.97	-7.07	-24.98	-16.77	-15.28	-8.93
561	37	731	1.66	6.41	-27.22	6.03	-26.84	3.53	-7.92	-22.19	-21.35	-8.76	-3.37
		740	1.60	6.15	-27.11	5.72	-26.69	3.73	-12.33	-13.86	-13.39	-12.80	-0.71
		741	1.51	3.77	-25.97	3.15	-25.34	4.27	-9.72	-18.91	-12.70	-15.93	-4.30
		732	1.46	3.42	-25.97	3.07	-25.62	3.19	-7.23	-22.37	-15.54	-14.06	-7.54
562	7	732	2.35	5.16	-42.42	4.53	-41.79	5.45	-9.49	-33.61	-22.40	-20.70	-12.03
		741	2.44	5.61	-42.55	4.67	-41.61	6.66	-12.91	-28.64	-18.21	-23.34	-7.44
		742	2.45	2.16	-41.58	1.03	-40.45	6.94	-11.74	-37.15	-16.01	-32.87	-9.51
		733	2.47	1.60	-41.98	1.03	-41.40	4.96	-9.76	-40.70	-17.37	-33.09	-13.32
562	31	732	1.75	3.74	-31.49	3.30	-31.04	3.94	-7.35	-25.00	-16.82	-15.52	-8.81
		741	1.81	4.07	-31.57	3.38	-30.88	4.91	-9.86	-21.25	-13.63	-17.48	-5.36
		742	1.82	1.55	-30.87	0.71	-30.04	5.14	-8.85	-27.45	-11.94	-24.36	-6.92
		733	1.83	1.13	-31.17	0.73	-30.76	3.61	-7.39	-30.10	-12.98	-24.51	-9.78
562	37	732	1.55	3.05	-27.99	2.73	-27.66	3.16	-7.48	-22.40	-15.59	-14.29	-7.43
		741	1.61	3.31	-28.02	2.72	-27.43	4.25	-9.63	-18.87	-12.47	-16.03	-4.26
		742	1.61	1.19	-27.46	0.45	-26.72	4.54	-8.30	-23.98	-10.76	-21.52	-5.71
		733	1.63	0.84	-27.73	0.53	-27.42	2.96	-7.02	-26.40	-11.81	-21.61	-8.36
563	8	733	2.59	1.19	-44.54	0.62	-43.97	5.06	-9.61	-41.57	-17.67	-33.51	-13.88
		742	2.58	1.65	-44.18	0.54	-43.08	7.03	-11.60	-37.99	-16.24	-33.35	-10.04
		743	2.66	-1.46	-43.57	-2.74	-42.30	7.22	-11.74	-47.63	-14.37	-44.99	-9.36
		734	2.76	-1.78	-44.68	-2.45	-44.01	5.31	-11.07	-51.78	-15.24	-47.61	-12.35
563	32	733	1.93	0.81	-33.15	0.41	-32.75	3.67	-7.30	-30.68	-13.19	-24.80	-10.15
		742	1.91	1.14	-32.88	0.33	-32.06	5.20	-8.76	-28.01	-12.08	-24.69	-7.27
		743	1.97	-1.13	-32.44	-2.08	-31.49	5.36	-8.73	-34.98	-10.63	-33.09	-6.79
		734	2.05	-1.37	-33.26	-1.85	-32.78	3.88	-8.23	-38.05	-11.28	-34.99	-9.04
563	37	733	1.72	0.48	-29.79	0.19	-29.50	2.96	-7.13	-26.40	-11.87	-21.66	-8.30
		742	1.71	0.75	-29.49	0.05	-28.79	4.54	-8.30	-24.03	-10.72	-21.61	-5.67
		743	1.75	-1.18	-29.15	-2.00	-28.33	4.74	-7.77	-29.49	-9.20	-28.07	-5.38
		734	1.82	-1.37	-29.90	-1.74	-29.53	3.22	-7.35	-32.08	-9.82	-29.60	-7.42
564	8	734	2.88	-2.34	-47.31	-2.95	-46.69	5.22	-11.13	-51.86	-15.32	-47.67	-12.37
		743	2.78	-2.01	-46.23	-3.28	-44.97	7.37	-11.75	-47.76	-14.36	-45.15	-9.34
		744	2.87	-5.01	-45.40	-6.28	-44.12	7.06	-12.28	-57.46	-13.14	-56.60	-6.18
		735	3.03	-5.33	-47.16	-6.21	-46.28	6.01	-13.04	-63.59	-14.48	-62.15	-8.39
564	32	734	2.14	-1.80	-35.28	-2.24	-34.84	3.81	-8.28	-38.10	-11.34	-35.04	-9.05
		743	2.07	-1.55	-34.48	-2.49	-33.55	5.48	-8.74	-35.09	-10.62	-33.21	-6.79
		744	2.13	-3.76	-33.87	-4.71	-32.92	5.26	-9.03	-42.07	-9.65	-41.45	-4.49
		735	2.25	-4.00	-35.17	-4.65	-34.53	4.43	-9.58	-46.56	-10.63	-45.50	-6.15
564	37	734	1.91	-1.80	-31.92	-2.13	-31.59	3.15	-7.39	-32.13	-9.87	-29.65	-7.43
		743	1.85	-1.60	-31.20	-2.42	-30.37	4.86	-7.77	-29.59	-9.19	-28.17	-5.37
		744	1.89	-3.50	-30.67	-4.33	-29.84	4.68	-7.63	-34.95	-8.10	-34.48	-3.56
		735	1.99	-3.72	-31.83	-4.24	-31.31	3.79	-8.07	-38.62	-8.93	-37.76	-5.06
565	8	735	3.14	-6.34	-49.38	-6.86	-48.86	4.72	-13.18	-63.79	-14.51	-62.46	-8.08
		744	3.01	-5.17	-48.44	-6.86	-46.75	8.39	-12.35	-57.63	-13.13	-56.86	-5.86
		745	3.02	-8.65	-46.42	-9.24	-45.84	4.68	-12.91	-65.38	-12.93	-65.36	-0.88
		736	3.29	-8.12	-49.51	-9.68	-47.94	7.90	-14.83	-75.02	-14.86	-74.98	-1.41
565	32	735	2.34	-4.77	-36.89	-5.14	-36.52	3.43	-9.68	-46.71	-10.65	-45.74	-5.92
		744	2.24	-3.88	-36.22	-5.15	-34.95	6.28	-9.08	-42.20	-9.64	-41.64	-4.26
		745	2.24	-6.48	-34.70	-6.91	-34.27	3.44	-9.42	-47.70	-9.43	-47.69	-0.64
		736	2.44	-6.07	-37.00	-7.24	-35.83	5.89	-10.82	-54.73	-10.84	-54.71	-1.03
565	37	735	2.08	-4.45	-33.57	-4.72	-33.30	2.79	-8.15	-38.76	-8.95	-37.96	-4.86
		744	2.00	-3.62	-33.02	-4.77	-31.87	5.70	-7.67	-35.06	-8.09	-34.64	-3.38
		745	1.98	-5.97	-31.61	-6.30	-31.28	2.90	-7.69	-38.97	-7.70	-38.96	-0.50
		736	2.16	-5.56	-33.72	-6.60	-32.68	5.30	-8.82	-44.67	-8.84	-44.65	-0.85
566	7	738	4.14	33.40	-59.83	4.14	-30.57	-43.26	3.14	-2.58	2.92	-2.36	-1.09
		747	4.75	32.64	-73.72	-8.79	-32.28	51.87	6.52	1.62	5.97	2.17	1.55
		746	3.07	26.35	-39.48	21.44	-34.57	-17.30	8.31	-13.05	7.90	-12.63	2.94
		737	2.96	16.85	-44.41	9.69	-37.25	19.68	-5.48	-18.86	-7.51	-16.83	4.80
566	31	738	3.03	24.28	-43.73	2.86	-22.31	-31.59	2.53	-2.09	2.24	-1.79	-1.13
		747	3.45	23.82	-53.48	-6.21	-23.46	37.67	4.65	1.30	4.35	1.60	0.95
		746	2.24	19.14	-28.81	15.57	-25.24	-12.59	6.02	-9.89	5.80	-9.67	1.88
		737	2.15	12.28	-32.23	7.22	-27.18	14.12	-4.36	-14.27	-5.58	-13.06	3.25
566	37	738	2.55	19.94	-36.71	1.84	-18.61	-26.42	3.06	-2.57	2.21	-1.71	-2.02

		747	2.81	19.85	-43.57	-4.49	-19.23	30.84	3.63	1.36	3.61	1.38	0.22
		746	1.89	15.66	-24.03	12.72	-21.10	-10.39	5.00	-9.55	4.96	-9.52	0.71
		737	1.78	10.19	-26.32	6.51	-22.64	10.99	-4.56	-13.83	-4.95	-13.43	1.87
567	7	737	2.61	14.04	-40.52	13.44	-39.91	-5.72	-4.12	-20.03	-6.94	-17.22	6.08
		746	2.62	13.19	-38.94	12.04	-37.79	7.65	7.40	-14.11	7.37	-14.07	0.85
		748	2.43	13.89	-35.05	13.86	-35.03	-1.11	-2.74	-19.34	-2.92	-19.16	-1.70
		739	2.58	14.97	-39.78	14.58	-39.39	4.61	-10.83	-22.27	-15.28	-17.82	5.57
567	31	737	1.92	10.27	-29.77	9.80	-29.29	-4.35	-3.31	-15.21	-5.14	-13.39	4.29
		746	1.92	9.64	-28.48	8.81	-27.66	5.54	5.42	-10.74	5.41	-10.73	0.43
		748	1.79	10.13	-25.73	10.11	-25.71	-0.82	-2.07	-14.75	-2.20	-14.62	-1.26
		739	1.90	10.97	-29.19	10.71	-28.93	3.24	-8.27	-17.00	-11.43	-13.84	4.20
567	37	737	1.68	8.66	-25.48	8.14	-24.96	-4.18	-3.57	-14.77	-4.52	-13.82	3.12
		746	1.63	8.09	-23.95	7.44	-23.31	4.50	4.61	-10.45	4.61	-10.45	-0.26
		748	1.54	8.42	-21.93	8.40	-21.91	-0.69	-1.95	-14.37	-2.05	-14.27	-1.11
		739	1.65	9.31	-24.89	9.15	-24.73	2.30	-7.99	-16.68	-10.46	-14.22	3.92
568	7	739	2.59	13.88	-41.40	13.85	-41.37	1.29	-11.84	-21.09	-16.04	-16.90	4.61
		748	2.48	11.73	-38.02	11.57	-37.86	2.81	-3.09	-18.37	-3.20	-18.27	-1.26
		749	2.30	9.18	-36.66	8.86	-36.34	3.81	-9.27	-21.73	-10.39	-20.62	-3.55
		740	2.30	10.27	-38.65	9.94	-38.32	4.02	-15.93	-20.63	-19.45	-17.11	-2.03
568	31	739	1.91	10.14	-30.51	10.12	-30.50	0.82	-9.05	-16.09	-12.01	-13.13	3.48
		748	1.83	8.55	-27.98	8.44	-27.87	2.05	-2.33	-14.02	-2.41	-13.95	-0.93
		749	1.70	6.69	-27.02	6.46	-26.79	2.80	-7.02	-16.34	-7.75	-15.61	-2.51
		740	1.70	7.51	-28.50	7.28	-28.27	2.86	-12.28	-15.38	-14.59	-13.07	-1.35
568	37	739	1.67	8.50	-26.42	8.50	-26.41	0.28	-8.76	-15.78	-11.01	-13.53	3.28
		748	1.59	7.11	-24.10	7.02	-24.01	1.69	-2.20	-13.68	-2.25	-13.62	-0.79
		749	1.48	5.54	-23.40	5.34	-23.20	2.40	-6.63	-15.25	-7.03	-14.85	-1.83
		740	1.49	6.31	-24.73	6.16	-24.58	2.15	-12.36	-13.88	-13.43	-12.80	-0.69
569	7	740	2.41	9.59	-41.15	9.34	-40.90	3.57	-15.64	-20.85	-19.22	-17.28	-2.42
		749	2.40	8.45	-39.35	8.07	-38.97	4.26	-9.03	-21.51	-10.21	-20.33	-3.65
		750	2.30	5.34	-38.38	4.64	-37.69	5.47	-10.49	-27.61	-12.97	-25.14	-6.02
		741	2.29	5.61	-39.31	5.17	-38.87	4.39	-12.76	-28.66	-18.15	-23.27	-7.53
569	31	740	1.79	6.98	-30.43	6.81	-30.26	2.53	-12.05	-15.56	-14.41	-13.19	-1.64
		749	1.78	6.14	-29.09	5.86	-28.80	3.13	-6.84	-16.17	-7.62	-15.39	-2.58
		750	1.70	3.87	-28.40	3.35	-27.88	4.04	-7.95	-20.52	-9.66	-18.80	-4.31
		741	1.70	4.07	-29.09	3.77	-28.78	3.16	-9.75	-21.27	-13.59	-17.43	-5.43
569	37	740	1.57	5.78	-26.68	5.68	-26.57	1.87	-12.08	-14.09	-13.27	-12.90	-0.98
		749	1.56	5.03	-25.45	4.79	-25.21	2.68	-6.48	-15.07	-6.92	-14.63	-1.90
		750	1.50	3.13	-24.93	2.68	-24.48	3.54	-7.56	-18.32	-8.71	-17.18	-3.32
		741	1.50	3.33	-25.56	3.11	-25.34	2.51	-9.53	-18.88	-12.43	-15.98	-4.32
570	7	741	2.42	5.05	-41.93	4.65	-41.53	4.32	-12.72	-28.74	-17.98	-23.48	-7.53
		750	2.42	4.74	-41.01	4.07	-40.34	5.49	-10.29	-27.67	-12.77	-25.19	-6.08
		751	2.41	1.66	-40.22	0.74	-39.29	6.15	-10.71	-35.05	-13.01	-32.75	-7.11
		742	2.43	1.52	-40.95	1.01	-40.45	4.61	-11.62	-37.17	-15.84	-32.95	-9.48
570	31	741	1.79	3.64	-31.11	3.36	-30.83	3.11	-9.71	-21.33	-13.46	-17.59	-5.43
		750	1.80	3.41	-30.42	2.92	-29.92	4.06	-7.80	-20.56	-9.52	-18.84	-4.35
		751	1.78	1.16	-29.85	0.48	-29.16	4.56	-8.04	-25.91	-9.66	-24.29	-5.13
		742	1.80	1.05	-30.40	0.69	-30.03	3.35	-8.76	-27.46	-11.81	-24.42	-6.90
570	37	741	1.59	2.90	-27.58	2.70	-27.38	2.46	-9.48	-18.95	-12.31	-16.13	-4.33
		750	1.59	2.68	-26.95	2.25	-26.51	3.56	-7.42	-18.36	-8.57	-17.20	-3.37
		751	1.58	0.80	-26.51	0.18	-25.90	4.06	-7.42	-22.69	-8.61	-21.51	-4.08
		742	1.60	0.71	-27.00	0.43	-26.72	2.75	-8.22	-24.00	-10.64	-21.57	-5.69
571	8	742	2.56	1.03	-43.55	0.54	-43.06	4.68	-11.50	-38.02	-16.09	-33.44	-10.03
		751	2.53	1.12	-42.83	0.22	-41.93	6.22	-10.66	-35.81	-13.23	-33.24	-7.61
		752	2.57	-1.80	-42.06	-2.87	-40.99	6.48	-11.03	-44.24	-12.51	-42.76	-6.86
		743	2.64	-2.12	-42.93	-2.72	-42.32	4.95	-11.68	-47.62	-14.28	-45.02	-9.32
571	32	742	1.90	0.68	-32.40	0.33	-32.05	3.39	-8.68	-28.04	-11.97	-24.75	-7.26
		751	1.88	0.74	-31.86	0.08	-31.19	4.61	-8.01	-26.42	-9.80	-24.62	-5.46
		752	1.91	-1.39	-31.31	-2.19	-30.51	4.82	-8.18	-32.52	-9.23	-31.47	-4.94
		743	1.96	-1.63	-31.95	-2.07	-31.51	3.62	-8.68	-34.98	-10.56	-33.11	-6.77
571	37	742	1.69	0.30	-29.04	0.05	-28.78	2.74	-8.22	-24.05	-10.61	-21.66	-5.67
		751	1.67	0.36	-28.52	-0.23	-27.94	4.07	-7.36	-22.76	-8.54	-21.58	-4.09
		752	1.69	-1.44	-28.09	-2.15	-27.38	4.30	-7.20	-27.52	-7.92	-26.81	-3.73
		743	1.74	-1.66	-28.67	-2.00	-28.34	3.00	-7.73	-29.49	-9.13	-28.09	-5.35
572	8	743	2.76	-2.71	-45.53	-3.26	-44.98	4.82	-11.68	-47.76	-14.27	-45.17	-9.31
		752	2.69	-2.35	-44.69	-3.41	-43.63	6.62	-10.98	-44.38	-12.45	-42.91	-6.84
		753	2.74	-5.13	-43.74	-6.17	-42.70	6.26	-11.29	-52.59	-11.73	-52.14	-4.27
		744	2.85	-5.55	-44.87	-6.26	-44.16	5.27	-12.25	-57.45	-13.11	-56.60	-6.15
572	32	743	2.05	-2.08	-33.95	-2.48	-33.55	3.52	-8.69	-35.08	-10.55	-33.22	-6.76
		752	2.00	-1.82	-33.33	-2.61	-32.54	4.93	-8.15	-32.62	-9.18	-31.59	-4.92
		753	2.04	-3.86	-32.64	-4.64	-31.86	4.66	-8.30	-38.54	-8.61	-38.22	-3.07
		744	2.12	-4.17	-33.47	-4.69	-32.95	3.87	-9.01	-42.06	-9.62	-41.45	-4.47
572	37	743	1.83	-2.11	-30.68	-2.40	-30.38	2.90	-7.73	-29.59	-9.12	-28.19	-5.34
		752	1.79	-1.86	-30.12	-2.57	-29.42	4.40	-7.17	-27.61	-7.87	-26.91	-3.72
		753	1.81	-3.60	-29.54	-4.29	-28.85	4.17	-7.01	-32.16	-7.23	-31.94	-2.31
		744	1.87	-3.90	-30.28	-4.32	-29.87	3.30	-7.61	-34.94	-8.08	-34.48	-3.54
573	8	744	2.97	-6.46	-47.16	-6.84	-46.78	3.94	-12.33	-57.61	-13.09	-56.84	-5.84
		753	2.88	-5.29	-46.77	-6.72	-45.33	7.58	-11.31	-52.70	-11.70	-52.31	-4.02

		754	2.87	-8.51	-44.86	-8.94	-44.43	3.93	-11.69	-59.05	-11.70	-59.04	-0.51
		745	3.06	-7.92	-47.19	-9.25	-45.87	7.09	-12.93	-65.45	-12.95	-65.44	-0.88
573	32	744	2.20	-4.87	-35.24	-5.14	-34.97	2.85	-9.06	-42.18	-9.61	-41.63	-4.24
		753	2.15	-3.98	-34.96	-5.06	-33.89	5.68	-8.31	-38.62	-8.59	-38.34	-2.89
		754	2.13	-6.38	-33.54	-6.69	-33.23	2.88	-8.54	-43.13	-8.54	-43.12	-0.36
		745	2.27	-5.93	-35.28	-6.91	-34.30	5.29	-9.43	-47.75	-9.44	-47.74	-0.64
573	37	744	1.96	-4.56	-32.07	-4.75	-31.88	2.28	-7.65	-35.06	-8.07	-34.64	-3.36
		753	1.92	-3.72	-31.87	-4.71	-30.87	5.19	-7.02	-32.23	-7.21	-32.05	-2.17
		754	1.89	-5.86	-30.56	-6.10	-30.32	2.42	-7.02	-35.46	-7.02	-35.46	-0.26
		745	2.01	-5.43	-32.17	-6.31	-31.30	4.75	-7.70	-39.02	-7.71	-39.02	-0.50
574	7	747	3.98	39.12	-46.28	18.94	-26.11	-36.27	11.22	-11.09	-3.12	3.25	10.69
		756	6.49	38.00	-99.13	-19.08	-42.05	67.60	76.11	-11.85	75.50	-11.25	7.27
		755	4.75	58.22	-35.26	47.29	-24.32	-30.04	21.48	-30.35	15.27	-24.15	-16.82
		746	3.33	13.76	-51.81	3.43	-41.48	23.89	16.18	-13.75	15.20	-12.78	5.31
574	31	747	2.90	28.47	-33.74	13.76	-19.02	-26.44	8.02	-7.90	-2.26	2.37	7.62
		756	4.72	27.69	-72.03	-13.75	-30.59	49.15	55.73	-8.67	55.30	-8.25	5.19
		755	3.46	42.34	-25.67	34.42	-17.75	-21.82	15.84	-22.61	11.18	-17.95	-12.55
		746	2.42	9.98	-37.62	2.59	-30.23	17.24	11.74	-10.40	11.13	-9.78	3.63
574	37	747	2.39	23.51	-28.01	11.26	-15.76	-21.93	6.15	-5.99	-1.83	1.99	5.76
		756	3.88	22.97	-59.07	-10.89	-25.21	40.39	47.08	-7.30	46.79	-7.00	3.97
		755	2.88	34.84	-21.21	28.42	-14.79	-17.86	13.75	-20.35	9.43	-16.03	-11.35
		746	1.99	8.15	-30.76	2.46	-25.07	13.75	9.65	-9.91	9.39	-9.65	2.24
575	7	746	2.93	20.01	-39.01	19.30	-38.29	-6.45	8.95	-16.89	8.89	-16.83	1.23
		755	2.05	9.91	-28.27	9.46	-27.82	4.15	21.23	-17.35	17.07	-13.19	-11.97
		757	2.25	13.23	-30.79	13.23	-30.79	-0.26	4.71	-20.79	1.92	-18.00	-7.96
		748	2.26	10.02	-34.64	9.95	-34.57	1.80	-3.00	-18.36	-3.20	-18.17	-1.72
575	31	746	2.15	14.60	-28.59	14.06	-28.04	-4.81	6.54	-12.80	6.52	-12.77	0.71
		755	1.51	7.25	-20.71	6.92	-20.38	3.03	15.62	-13.06	12.49	-9.93	-8.94
		757	1.65	9.63	-22.58	9.63	-22.58	-0.17	3.42	-15.63	1.39	-13.60	-5.88
		748	1.67	7.33	-25.41	7.29	-25.36	1.21	-2.27	-14.02	-2.41	-13.89	-1.27
575	37	746	1.84	12.17	-24.22	11.65	-23.70	-4.33	5.53	-12.23	5.53	-12.23	-6.11e-03
		755	1.29	6.12	-17.54	5.84	-17.27	2.53	13.44	-12.16	10.55	-9.26	-8.11
		757	1.41	7.97	-19.19	7.97	-19.19	-0.07	2.81	-14.53	1.13	-12.85	-5.13
		748	1.44	6.18	-21.61	6.16	-21.59	0.68	-2.17	-13.72	-2.27	-13.61	-1.11
576	7	748	2.51	12.40	-37.85	12.39	-37.84	-0.83	-3.07	-18.69	-3.19	-18.57	-1.36
		757	2.19	9.51	-33.02	9.39	-32.90	2.27	5.45	-20.07	2.29	-16.91	-8.40
		758	2.17	7.71	-34.23	7.42	-33.94	3.46	-2.63	-22.96	-5.13	-20.47	-6.67
		749	2.25	8.42	-36.20	8.32	-36.10	2.09	-9.09	-21.60	-10.34	-20.35	-3.75
576	31	748	1.85	9.04	-27.87	9.03	-27.86	-0.70	-2.33	-14.25	-2.42	-14.17	-1.00
		757	1.62	6.92	-24.31	6.83	-24.22	1.67	3.95	-15.09	1.66	-12.80	-6.20
		758	1.60	5.60	-25.21	5.38	-25.00	2.56	-2.05	-17.17	-3.81	-15.42	-4.84
		749	1.66	6.13	-26.68	6.07	-26.61	1.46	-6.89	-16.24	-7.72	-15.41	-2.66
576	37	748	1.61	7.51	-24.05	7.49	-24.02	-0.89	-2.23	-13.87	-2.30	-13.81	-0.85
		757	1.40	5.70	-20.96	5.62	-20.88	1.45	3.22	-14.04	1.34	-12.16	-5.38
		758	1.39	4.57	-21.78	4.38	-21.59	2.25	-2.13	-15.69	-3.39	-14.43	-3.93
		749	1.45	5.08	-23.08	5.04	-23.05	1.00	-6.54	-15.13	-7.01	-14.66	-1.96
577	7	749	2.38	8.15	-38.92	8.08	-38.85	1.82	-8.90	-21.60	-10.19	-20.31	-3.84
		758	2.27	6.91	-36.74	6.60	-36.43	3.68	-2.38	-22.91	-4.99	-20.30	-6.83
		759	2.23	4.39	-36.78	3.84	-36.22	4.76	-6.54	-27.41	-8.75	-25.20	-6.43
		750	2.28	4.80	-37.86	4.55	-37.61	3.23	-10.31	-27.66	-12.84	-25.13	-6.12
577	31	749	1.76	5.91	-28.77	5.86	-28.72	1.26	-6.75	-16.23	-7.62	-15.37	-2.72
		758	1.68	4.99	-27.15	4.76	-26.92	2.72	-1.88	-17.13	-3.71	-15.30	-4.95
		759	1.65	3.16	-27.20	2.74	-26.78	3.53	-4.95	-20.37	-6.49	-18.83	-4.62
		750	1.69	3.46	-28.00	3.29	-27.83	2.32	-7.82	-20.55	-9.57	-18.80	-4.39
577	37	749	1.55	4.81	-25.17	4.79	-25.14	0.83	-6.42	-15.10	-6.93	-14.60	-2.03
		758	1.47	4.01	-23.73	3.80	-23.52	2.39	-1.99	-15.63	-3.31	-14.31	-4.03
		759	1.45	2.47	-23.84	2.09	-23.46	3.14	-4.68	-18.20	-5.74	-17.14	-3.63
		750	1.48	2.75	-24.55	2.63	-24.43	1.81	-7.44	-18.35	-8.62	-17.16	-3.40
578	8	750	2.40	4.29	-40.51	4.06	-40.28	3.21	-10.15	-27.98	-13.06	-25.07	-6.59
		759	2.35	3.79	-39.40	3.25	-38.86	4.79	-6.56	-27.70	-9.03	-25.23	-6.80
		760	2.35	1.11	-38.92	0.36	-38.17	5.44	-8.72	-34.07	-10.47	-32.32	-6.43
		751	2.39	1.12	-39.63	0.74	-39.25	3.92	-10.65	-35.74	-13.24	-33.15	-7.64
578	32	750	1.78	3.06	-30.04	2.90	-29.88	2.31	-7.70	-20.76	-9.70	-18.76	-4.70
		759	1.74	2.69	-29.21	2.29	-28.81	3.55	-4.96	-20.56	-6.67	-18.85	-4.88
		760	1.74	0.74	-28.88	0.18	-28.31	4.05	-6.51	-25.16	-7.72	-23.95	-4.59
		751	1.77	0.74	-29.41	0.47	-29.14	2.84	-8.00	-26.37	-9.81	-24.56	-5.48
578	37	750	1.57	2.33	-26.58	2.22	-26.47	1.78	-7.32	-18.41	-8.52	-17.21	-3.44
		759	1.54	2.02	-25.82	1.66	-25.46	3.15	-4.59	-18.22	-5.67	-17.13	-3.68
		760	1.54	0.39	-25.60	-0.13	-25.09	3.62	-5.84	-21.76	-6.60	-21.01	-3.38
		751	1.56	0.37	-26.08	0.17	-25.88	2.29	-7.36	-22.71	-8.54	-21.53	-4.10
579	8	751	2.51	0.56	-42.26	0.21	-41.91	3.89	-10.57	-35.85	-13.15	-33.27	-7.64
		760	2.47	0.53	-41.51	-0.18	-40.79	5.45	-8.63	-34.16	-10.38	-32.41	-6.45
		761	2.49	-2.13	-40.79	-2.98	-39.94	5.68	-9.78	-41.48	-10.66	-40.60	-5.20
		752	2.55	-2.41	-41.45	-2.87	-40.99	4.23	-10.98	-44.26	-12.46	-42.78	-6.86
579	32	751	1.86	0.32	-31.43	0.06	-31.18	2.82	-7.94	-26.45	-9.74	-24.65	-5.49
		760	1.83	0.30	-30.87	-0.24	-30.33	4.05	-6.45	-25.22	-7.66	-24.01	-4.61
		761	1.85	-1.65	-30.36	-2.29	-29.72	4.24	-7.24	-30.52	-7.84	-29.92	-3.71

579	37	752	1.89	-1.86	-30.84	-2.19	-30.51	3.09	-8.15	-32.53	-9.19	-31.49	-4.94
		751	1.66	-0.05	-28.11	-0.24	-27.92	2.27	-7.30	-22.78	-8.48	-21.60	-4.11
		760	1.63	-0.06	-27.60	-0.54	-27.11	3.63	-5.78	-21.82	-6.54	-21.06	-3.40
		761	1.64	-1.68	-27.21	-2.27	-26.62	3.83	-6.29	-25.97	-6.66	-25.60	-2.69
580	8	752	1.67	-1.89	-27.64	-2.15	-27.38	2.57	-7.17	-27.53	-7.88	-26.82	-3.73
		752	2.67	-3.00	-44.04	-3.41	-43.63	4.08	-10.94	-44.39	-12.40	-42.93	-6.84
		761	2.61	-2.68	-43.42	-3.53	-42.57	5.82	-9.72	-41.59	-10.59	-40.72	-5.18
		762	2.64	-5.25	-42.48	-6.06	-41.67	5.45	-10.35	-48.93	-10.57	-48.70	-2.94
580	32	753	2.72	-5.63	-43.25	-6.17	-42.71	4.46	-11.28	-52.61	-11.72	-52.16	-4.27
		752	1.99	-2.31	-32.84	-2.61	-32.54	2.98	-8.12	-32.63	-9.15	-31.60	-4.92
		761	1.94	-2.07	-32.38	-2.71	-31.74	4.35	-7.20	-30.60	-7.80	-30.00	-3.70
		762	1.96	-3.95	-31.70	-4.56	-31.08	4.08	-7.60	-35.90	-7.76	-35.74	-2.09
580	37	753	2.02	-4.24	-32.26	-4.63	-31.87	3.28	-8.29	-38.55	-8.60	-38.24	-3.07
		752	1.77	-2.34	-29.64	-2.56	-29.42	2.46	-7.14	-27.62	-7.84	-26.92	-3.72
		761	1.73	-2.10	-29.23	-2.69	-28.65	3.93	-6.25	-26.04	-6.62	-25.67	-2.68
		762	1.75	-3.69	-28.67	-4.25	-28.11	3.69	-6.43	-30.16	-6.52	-30.07	-1.47
581	8	753	1.79	-3.97	-29.17	-4.29	-28.86	2.79	-7.01	-32.17	-7.22	-31.96	-2.31
		753	2.84	-6.47	-45.60	-6.72	-45.35	3.13	-11.30	-52.72	-11.70	-52.33	-4.02
		762	2.78	-5.42	-45.48	-6.60	-44.30	6.77	-10.34	-49.00	-10.54	-48.80	-2.76
		763	2.76	-8.44	-43.71	-8.73	-43.42	3.18	-10.93	-55.03	-10.93	-55.02	-0.28
581	32	754	2.90	-7.85	-45.54	-8.94	-44.45	6.33	-11.71	-59.13	-11.71	-59.12	-0.51
		753	2.11	-4.88	-34.07	-5.05	-33.90	2.26	-8.31	-38.64	-8.58	-38.36	-2.89
		762	2.07	-4.08	-34.00	-4.98	-33.11	5.09	-7.60	-35.95	-7.74	-35.82	-1.96
		763	2.05	-6.32	-32.68	-6.52	-32.47	2.34	-8.00	-40.26	-8.00	-40.26	-0.19
581	37	754	2.15	-5.87	-34.05	-6.69	-33.24	4.73	-8.55	-43.19	-8.55	-43.18	-0.37
		753	1.88	-4.59	-31.00	-4.71	-30.88	1.77	-7.02	-32.25	-7.20	-32.06	-2.17
		762	1.85	-3.82	-30.98	-4.66	-30.14	4.70	-6.42	-30.21	-6.50	-30.13	-1.38
		763	1.82	-5.79	-29.77	-5.95	-29.61	1.97	-6.64	-33.43	-6.64	-33.43	-0.12
582	7	754	1.91	-5.37	-31.06	-6.10	-30.32	4.27	-7.03	-35.52	-7.03	-35.51	-0.26
		756	6.69	89.29	-24.76	87.09	-22.56	-15.67	90.50	-21.16	81.26	-11.92	-30.76
		765	5.83	83.58	-24.44	79.63	-20.49	20.27	24.85	-54.44	-38.14	8.56	-32.04
		764	1.20	-3.67	-17.61	-4.16	-17.12	2.57	33.63	-21.91	10.72	1.00	-27.34
582	31	755	1.26	-9.67	-18.99	-9.67	-18.98	0.13	17.67	-31.13	11.03	-24.48	-16.73
		756	4.88	65.00	-18.04	63.40	-16.44	-11.41	66.43	-15.61	59.57	-8.74	-22.72
		765	4.26	60.90	-17.77	58.04	-14.91	14.73	18.29	-40.15	-28.15	6.30	-23.60
		764	0.88	-2.61	-12.86	-2.98	-12.48	1.92	24.69	-16.28	7.81	0.60	-20.16
582	37	755	0.93	-6.96	-13.85	-6.96	-13.85	-0.01	13.02	-23.19	8.03	-18.20	-12.48
		756	4.06	53.69	-14.96	52.36	-13.63	-9.45	56.69	-13.58	50.55	-7.44	-19.84
		765	3.55	50.50	-14.60	48.18	-12.28	12.08	15.74	-34.82	-24.51	5.42	-20.38
		764	0.76	-1.94	-10.74	-2.30	-10.37	1.76	21.07	-14.52	6.48	0.07	-17.50
583	7	755	0.82	-5.47	-11.54	-5.49	-11.52	-0.36	11.29	-20.89	6.67	-16.27	-11.29
		755	2.40	18.18	-26.86	17.80	-26.48	-4.11	21.16	-17.07	16.31	-12.22	-12.73
		764	2.00	17.51	-26.35	16.36	-25.21	6.99	17.96	-22.94	3.39	-8.38	-19.58
		766	1.87	8.81	-28.86	8.50	-28.55	3.40	9.39	-20.15	1.30	-12.06	-13.17
583	31	757	2.04	8.30	-29.96	8.30	-29.95	0.28	5.13	-21.74	1.63	-18.24	-9.05
		755	1.76	13.27	-19.71	12.98	-19.42	-3.07	15.57	-12.85	11.93	-9.22	-9.49
		764	1.46	12.78	-19.30	11.94	-18.47	5.11	13.17	-17.04	2.44	-6.31	-14.45
		766	1.37	6.42	-21.15	6.19	-20.92	2.51	6.83	-15.02	0.95	-9.14	-9.69
583	37	757	1.50	6.06	-21.97	6.06	-21.97	0.13	3.72	-16.32	1.17	-13.78	-6.67
		755	1.50	11.07	-16.78	10.79	-16.50	-2.79	13.39	-11.99	10.06	-8.65	-8.57
		764	1.23	10.66	-16.34	9.96	-15.64	4.29	11.19	-15.17	1.93	-5.91	-12.58
		766	1.17	5.32	-17.93	5.11	-17.72	2.20	5.63	-13.56	0.78	-8.71	-8.34
584	7	757	1.29	5.07	-18.67	5.07	-18.67	-0.14	3.02	-15.11	0.92	-13.01	-5.80
		757	2.21	10.06	-32.70	10.06	-32.69	-0.40	5.24	-19.93	1.98	-16.66	-8.46
		766	2.05	9.61	-31.77	9.19	-31.35	4.15	8.66	-20.93	1.01	-13.28	-12.95
		767	2.05	6.71	-32.96	6.32	-32.57	3.93	1.44	-22.62	-3.07	-18.11	-9.39
584	31	758	2.14	7.00	-33.83	6.95	-33.77	1.49	-2.59	-23.05	-5.24	-20.40	-6.87
		757	1.63	7.32	-24.08	7.31	-24.07	-0.36	3.79	-14.99	1.42	-12.62	-6.24
		766	1.51	6.98	-23.38	6.67	-23.07	3.06	6.29	-15.60	0.73	-10.04	-9.53
		767	1.51	4.86	-24.26	4.56	-23.97	2.91	0.96	-16.84	-2.26	-13.62	-6.85
584	37	758	1.58	5.08	-24.91	5.04	-24.88	1.03	-2.03	-17.23	-3.90	-15.37	-4.99
		757	1.42	6.02	-20.78	6.01	-20.77	-0.54	3.07	-13.95	1.13	-12.00	-5.41
		766	1.30	5.71	-20.12	5.44	-19.85	2.64	5.16	-14.06	0.59	-9.49	-8.18
		767	1.31	3.91	-20.91	3.63	-20.64	2.58	0.51	-15.14	-1.96	-12.67	-5.70
585	7	758	1.37	4.12	-21.50	4.10	-21.49	0.68	-2.13	-15.72	-3.47	-14.38	-4.06
		758	2.26	6.67	-36.39	6.62	-36.34	1.41	-2.40	-22.89	-5.10	-20.19	-6.92
		767	2.17	6.26	-35.55	5.86	-35.16	4.04	1.44	-22.72	-3.16	-18.13	-9.48
		768	2.16	3.75	-35.68	3.25	-35.18	4.40	-3.56	-26.34	-6.25	-23.65	-7.35
585	31	759	2.22	3.93	-36.33	3.77	-36.18	2.51	-6.50	-27.42	-8.76	-25.16	-6.50
		758	1.67	4.81	-26.89	4.78	-26.86	0.97	-1.90	-17.11	-3.79	-15.21	-5.02
		767	1.60	4.50	-26.26	4.21	-25.96	3.00	0.95	-16.91	-2.33	-13.63	-6.91
		768	1.59	2.67	-26.37	2.29	-25.99	3.28	-2.72	-19.56	-4.61	-17.67	-5.31
585	37	759	1.64	2.81	-26.86	2.70	-26.75	1.80	-4.92	-20.38	-6.50	-18.80	-4.68
		758	1.46	3.83	-23.49	3.81	-23.48	0.63	-2.02	-15.60	-3.39	-14.23	-4.09
		767	1.40	3.54	-22.91	3.27	-22.64	2.66	0.49	-15.19	-2.02	-12.68	-5.75
		768	1.40	2.01	-23.07	1.65	-22.71	2.97	-2.64	-17.41	-4.00	-16.05	-4.27
		759	1.44	2.13	-23.50	2.06	-23.43	1.40	-4.66	-18.19	-5.75	-17.10	-3.68

586	8	759	2.33	3.38	-38.97	3.23	-38.82	2.51	-6.52	-27.72	-9.04	-25.19	-6.87
		768	2.27	3.14	-38.32	2.66	-37.84	4.42	-3.70	-26.69	-6.58	-23.81	-7.61
		769	2.28	0.64	-37.90	0.04	-37.30	4.78	-6.84	-32.19	-8.35	-30.68	-6.01
		760	2.33	0.60	-38.41	0.35	-38.15	3.15	-8.68	-34.08	-10.45	-32.32	-6.46
586	32	759	1.73	2.38	-28.88	2.28	-28.78	1.80	-4.93	-20.57	-6.68	-18.82	-4.93
		768	1.68	2.21	-28.39	1.85	-28.03	3.30	-2.81	-19.79	-4.83	-17.77	-5.49
		769	1.69	0.38	-28.11	-0.07	-27.66	3.58	-5.09	-23.79	-6.14	-22.74	-4.30
		760	1.72	0.35	-28.48	0.17	-28.30	2.29	-6.48	-25.17	-7.71	-23.95	-4.62
586	37	759	1.53	1.72	-25.51	1.65	-25.43	1.39	-4.57	-18.22	-5.68	-17.10	-3.73
		768	1.49	1.58	-25.06	1.24	-24.72	2.98	-2.61	-17.42	-3.99	-16.04	-4.31
		769	1.49	0.06	-24.89	-0.38	-24.46	3.26	-4.49	-20.62	-5.16	-19.95	-3.21
		760	1.52	2.46e-03	-25.21	-0.14	-25.08	1.86	-5.82	-21.77	-6.58	-21.01	-3.41
587	8	760	2.45	0.05	-41.02	-0.19	-40.78	3.13	-8.60	-34.17	-10.37	-32.40	-6.49
		769	2.40	0.08	-40.50	-0.50	-39.93	4.80	-6.79	-32.25	-8.31	-30.73	-6.03
		770	2.42	-2.40	-39.81	-3.06	-39.15	4.93	-8.59	-38.97	-9.18	-38.37	-4.22
		761	2.47	-2.67	-40.26	-2.99	-39.94	3.44	-9.76	-41.49	-10.64	-40.61	-5.21
587	32	760	1.82	-0.08	-30.49	-0.25	-30.32	2.27	-6.42	-25.23	-7.65	-24.01	-4.64
		769	1.78	-0.05	-30.11	-0.49	-29.68	3.59	-5.05	-23.83	-6.11	-22.78	-4.32
		770	1.80	-1.86	-29.62	-2.36	-29.12	3.70	-6.34	-28.71	-6.75	-28.30	-3.00
		761	1.83	-2.06	-29.94	-2.29	-29.72	2.52	-7.22	-30.53	-7.83	-29.92	-3.72
587	37	760	1.61	-0.42	-27.23	-0.55	-27.10	1.85	-5.76	-21.82	-6.53	-21.05	-3.43
		769	1.58	-0.38	-26.89	-0.79	-26.48	3.28	-4.46	-20.65	-5.13	-19.98	-3.22
		770	1.59	-1.88	-26.53	-2.36	-26.05	3.39	-5.46	-24.56	-5.70	-24.32	-2.13
		761	1.62	-2.09	-26.80	-2.27	-26.62	2.10	-6.28	-25.98	-6.65	-25.60	-2.70
588	8	761	2.59	-3.25	-42.85	-3.53	-42.57	3.29	-9.71	-41.60	-10.58	-40.73	-5.20
		770	2.54	-2.94	-42.45	-3.60	-41.79	5.07	-8.54	-39.04	-9.13	-38.45	-4.21
		771	2.57	-5.36	-41.53	-5.97	-40.92	4.67	-9.57	-46.10	-9.69	-45.98	-2.11
		762	2.63	-5.69	-42.05	-6.06	-41.67	3.66	-10.35	-48.95	-10.57	-48.73	-2.95
588	32	761	1.93	-2.51	-31.94	-2.71	-31.74	2.41	-7.18	-30.61	-7.79	-30.01	-3.71
		770	1.89	-2.27	-31.65	-2.77	-31.15	3.80	-6.31	-28.76	-6.71	-28.36	-2.99
		771	1.91	-4.03	-30.99	-4.50	-30.52	3.51	-7.04	-33.88	-7.12	-33.80	-1.48
		762	1.95	-4.29	-31.36	-4.56	-31.09	2.70	-7.61	-35.92	-7.76	-35.76	-2.10
588	37	761	1.72	-2.53	-28.80	-2.69	-28.65	1.99	-6.24	-26.05	-6.61	-25.67	-2.70
		770	1.69	-2.29	-28.55	-2.77	-28.08	3.50	-5.43	-24.60	-5.67	-24.36	-2.13
		771	1.70	-3.77	-28.02	-4.21	-27.58	3.23	-5.96	-28.67	-6.00	-28.63	-0.98
		762	1.73	-4.03	-28.34	-4.25	-28.12	2.31	-6.43	-30.18	-6.52	-30.08	-1.48
589	8	762	2.74	-6.46	-44.45	-6.60	-44.31	2.32	-10.35	-49.03	-10.54	-48.83	-2.77
		771	2.71	-5.56	-44.50	-6.51	-43.56	5.99	-9.56	-46.14	-9.67	-46.04	-1.99
		772	2.68	-8.39	-42.86	-8.57	-42.69	2.44	-10.44	-52.45	-10.44	-52.45	-0.14
		763	2.79	-7.85	-44.30	-8.73	-43.43	5.58	-10.94	-55.09	-10.94	-55.08	-0.28
589	32	762	2.04	-4.88	-33.21	-4.98	-33.11	1.67	-7.60	-35.97	-7.74	-35.84	-1.97
		771	2.01	-4.19	-33.27	-4.91	-32.55	4.53	-7.03	-33.91	-7.10	-33.84	-1.40
		772	2.00	-6.28	-32.05	-6.41	-31.92	1.80	-7.66	-38.47	-7.66	-38.47	-0.10
		763	2.07	-5.87	-33.13	-6.53	-32.47	4.18	-8.01	-40.31	-8.01	-40.31	-0.20
589	37	762	1.82	-4.60	-30.21	-4.66	-30.14	1.28	-6.42	-30.22	-6.50	-30.14	-1.38
		771	1.80	-3.92	-30.31	-4.62	-29.61	4.24	-5.95	-28.70	-5.99	-28.66	-0.92
		772	1.78	-5.74	-29.20	-5.84	-29.10	1.53	-6.43	-32.29	-6.43	-32.29	-0.04
		763	1.85	-5.35	-30.22	-5.95	-29.62	3.82	-6.65	-33.48	-6.65	-33.48	-0.12
590	7	765	5.60	40.69	-83.93	-5.70	-37.54	-60.24	8.44	-28.76	-27.58	7.26	-6.50
		774	3.90	38.60	-51.07	16.20	-28.67	38.82	9.51	-2.75	8.70	-1.94	-3.05
		773	3.04	16.95	-45.06	9.14	-37.25	-20.58	10.38	-18.79	-4.82	-3.58	-14.57
		764	4.44	53.97	-37.10	40.60	-23.73	32.24	27.52	-24.13	2.76	0.63	-25.80
590	31	765	4.08	29.65	-61.01	-4.04	-27.32	-43.81	6.22	-21.28	-20.40	5.35	-4.81
		774	2.84	28.15	-37.12	11.91	-20.87	28.22	6.98	-2.02	6.38	-1.43	-2.24
		773	2.21	12.33	-32.74	6.70	-27.11	-14.90	7.56	-13.90	-3.57	-2.76	-10.72
		764	3.23	39.24	-26.93	29.59	-17.28	23.35	20.20	-17.90	1.97	0.32	-19.04
590	37	765	3.36	24.59	-50.10	-3.00	-22.52	-36.05	5.39	-18.68	-17.91	4.62	-4.24
		774	2.34	23.43	-30.46	10.21	-17.24	23.18	5.94	-1.74	5.44	-1.23	-1.90
		773	1.82	10.15	-26.83	5.69	-22.37	-12.05	6.27	-12.20	-3.16	-2.77	-9.23
		764	2.66	32.25	-22.00	24.55	-14.30	18.93	17.24	-15.89	1.53	-0.18	-16.54
591	7	764	1.86	11.08	-26.31	11.06	-26.29	-0.90	17.06	-21.45	1.91	-6.30	-18.81
		773	2.59	19.49	-36.45	18.15	-35.11	8.56	12.99	-16.06	-1.23	-1.84	-14.52
		775	1.93	8.56	-30.62	8.44	-30.50	2.10	10.06	-19.98	-0.09	-9.82	-14.21
		766	2.03	12.06	-29.86	11.71	-29.51	3.81	8.53	-20.14	0.97	-12.59	-12.63
591	31	764	1.37	8.10	-19.28	8.08	-19.26	-0.71	12.50	-15.94	1.35	-4.79	-13.89
		773	1.89	14.22	-26.64	13.24	-25.66	6.26	9.49	-11.89	-0.92	-1.48	-10.68
		775	1.41	6.22	-22.41	6.13	-22.32	1.58	7.31	-14.81	-0.07	-7.44	-10.43
		766	1.49	8.76	-21.86	8.52	-21.62	2.71	6.19	-15.02	0.70	-9.53	-9.29
591	37	764	1.17	6.79	-16.33	6.77	-16.30	-0.78	10.60	-14.22	1.00	-4.62	-12.09
		773	1.58	11.85	-22.36	11.02	-21.53	5.26	7.94	-10.46	-0.85	-1.67	-9.19
		775	1.20	5.11	-18.90	5.02	-18.81	1.47	5.98	-13.13	-0.06	-7.08	-8.88
		766	1.27	7.20	-18.45	7.04	-18.29	2.03	5.08	-13.56	0.57	-9.05	-7.99
592	7	766	2.05	9.04	-31.61	8.98	-31.55	1.54	8.36	-20.63	0.58	-12.85	-12.85
		775	2.13	10.57	-34.37	10.08	-33.89	4.64	9.47	-19.26	-0.56	-9.23	-13.69
		776	2.01	6.49	-32.99	6.13	-32.63	3.74	3.80	-21.47	-2.49	-15.17	-10.93
		767	2.06	6.65	-32.80	6.55	-32.71	1.92	1.31	-22.63	-3.21	-18.10	-9.37
592	31	766	1.51	6.55	-23.25	6.52	-23.21	1.06	6.07	-15.37	0.41	-9.72	-9.45

		775	1.56	7.66	-25.25	7.30	-24.89	3.42	6.87	-14.28	-0.41	-7.01	-10.05
		776	1.48	4.67	-24.26	4.40	-23.99	2.79	2.69	-15.93	-1.82	-11.42	-7.98
		767	1.52	4.79	-24.13	4.73	-24.07	1.35	0.86	-16.84	-2.37	-13.62	-6.83
592	37	766	1.30	5.33	-19.99	5.31	-19.97	0.69	4.95	-13.86	0.32	-9.22	-8.11
		775	1.33	6.24	-21.61	5.92	-21.29	2.98	5.59	-12.66	-0.35	-6.72	-8.55
		776	1.27	3.70	-20.85	3.44	-20.59	2.53	1.98	-14.16	-1.54	-10.64	-6.67
		767	1.31	3.82	-20.76	3.78	-20.72	0.99	0.42	-15.14	-2.05	-12.67	-5.68
593	8	767	2.16	5.88	-35.35	5.81	-35.28	1.71	1.04	-22.69	-3.69	-17.96	-9.48
		776	2.13	6.09	-35.83	5.72	-35.46	3.92	3.38	-21.52	-2.93	-15.21	-10.83
		777	2.10	3.32	-35.21	2.91	-34.80	3.97	-1.73	-24.86	-5.19	-21.40	-8.26
		768	2.15	3.34	-35.37	3.22	-35.25	2.15	-3.78	-26.65	-6.65	-23.78	-7.58
593	32	767	1.60	4.22	-26.10	4.17	-26.05	1.21	0.67	-16.88	-2.69	-13.51	-6.91
		776	1.57	4.37	-26.44	4.09	-26.16	2.93	2.40	-15.96	-2.12	-11.44	-7.91
		777	1.55	2.35	-26.01	2.03	-25.69	2.98	-1.35	-18.41	-3.79	-15.97	-5.98
		768	1.59	2.36	-26.13	2.27	-26.04	1.55	-2.87	-19.76	-4.88	-17.75	-5.47
593	37	767	1.40	3.32	-22.71	3.29	-22.68	0.91	0.41	-15.14	-2.12	-12.61	-5.74
		776	1.37	3.46	-22.98	3.19	-22.71	2.68	1.89	-14.09	-1.62	-10.57	-6.62
		777	1.35	1.75	-22.69	1.43	-22.37	2.77	-1.31	-16.11	-3.08	-14.35	-4.80
		768	1.39	1.73	-22.79	1.67	-22.72	1.23	-2.66	-17.40	-4.04	-16.02	-4.29
594	8	768	2.27	2.79	-37.96	2.68	-37.85	2.15	-3.73	-26.67	-6.64	-23.77	-7.63
		777	2.22	2.81	-37.86	2.41	-37.46	4.01	-1.74	-24.86	-5.21	-21.38	-8.26
		778	2.22	0.33	-37.24	-0.14	-36.77	4.16	-5.43	-29.87	-6.95	-28.35	-5.90
		769	2.27	0.21	-37.47	0.04	-37.30	2.51	-6.84	-32.19	-8.37	-30.66	-6.03
594	32	768	1.68	1.94	-28.12	1.86	-28.04	1.55	-2.84	-19.77	-4.87	-17.74	-5.51
		777	1.64	1.95	-28.04	1.65	-27.74	3.01	-1.36	-18.41	-3.81	-15.95	-5.99
		778	1.64	0.14	-27.61	-0.22	-27.25	3.14	-4.04	-22.08	-5.10	-21.03	-4.24
		769	1.68	0.05	-27.78	-0.07	-27.66	1.83	-5.09	-23.78	-6.15	-22.73	-4.32
594	37	768	1.48	1.31	-24.79	1.25	-24.73	1.23	-2.64	-17.40	-4.03	-16.01	-4.32
		777	1.44	1.34	-24.72	1.04	-24.42	2.79	-1.32	-16.10	-3.10	-14.33	-4.80
		778	1.45	-0.17	-24.43	-0.53	-24.07	2.93	-3.54	-19.16	-4.24	-18.46	-3.23
		769	1.48	-0.28	-24.55	-0.38	-24.46	1.51	-4.50	-20.61	-5.17	-19.94	-3.22
595	8	769	2.39	-0.34	-40.09	-0.50	-39.93	2.49	-6.79	-32.24	-8.33	-30.71	-6.05
		778	2.34	-0.22	-39.86	-0.66	-39.41	4.19	-5.41	-29.90	-6.93	-28.38	-5.91
		779	2.36	-2.59	-39.12	-3.08	-38.63	4.20	-7.66	-36.47	-8.13	-35.99	-3.67
		770	2.40	-2.86	-39.35	-3.06	-39.16	2.69	-8.59	-38.97	-9.19	-38.37	-4.24
595	32	769	1.77	-0.37	-29.79	-0.49	-29.68	1.82	-5.06	-23.83	-6.12	-22.77	-4.33
		778	1.74	-0.28	-29.63	-0.62	-29.29	3.16	-4.03	-22.11	-5.08	-21.05	-4.24
		779	1.75	-2.00	-29.11	-2.38	-28.73	3.18	-5.65	-26.90	-5.97	-26.57	-2.61
		770	1.78	-2.21	-29.27	-2.36	-29.12	1.98	-6.34	-28.71	-6.75	-28.30	-3.01
595	37	769	1.57	-0.70	-26.57	-0.79	-26.48	1.50	-4.47	-20.64	-5.14	-19.97	-3.24
		778	1.54	-0.59	-26.44	-0.93	-26.10	2.95	-3.53	-19.17	-4.23	-18.47	-3.23
		779	1.55	-2.02	-26.05	-2.39	-25.67	2.99	-4.84	-23.12	-5.03	-22.93	-1.86
		770	1.58	-2.24	-26.17	-2.36	-26.05	1.67	-5.46	-24.56	-5.70	-24.32	-2.14
596	8	770	2.52	-3.43	-41.96	-3.60	-41.79	2.54	-8.54	-39.05	-9.14	-38.45	-4.23
		779	2.48	-3.12	-41.76	-3.61	-41.27	4.34	-7.63	-36.52	-8.10	-36.05	-3.65
		780	2.51	-5.44	-40.85	-5.88	-40.41	3.91	-8.99	-43.78	-9.06	-43.70	-1.60
		771	2.55	-5.74	-41.16	-5.97	-40.92	2.88	-9.58	-46.12	-9.70	-46.00	-2.12
596	32	770	1.88	-2.65	-31.27	-2.77	-31.15	1.87	-6.31	-28.77	-6.72	-28.36	-3.00
		779	1.85	-2.41	-31.14	-2.79	-30.76	3.29	-5.63	-26.94	-5.95	-26.61	-2.60
		780	1.86	-4.10	-30.48	-4.43	-30.14	2.96	-6.61	-32.22	-6.66	-32.17	-1.12
		771	1.90	-4.33	-30.70	-4.50	-30.53	2.13	-7.04	-33.89	-7.12	-33.81	-1.49
596	37	770	1.67	-2.67	-28.17	-2.77	-28.08	1.56	-5.43	-24.60	-5.67	-24.36	-2.14
		779	1.65	-2.42	-28.08	-2.80	-27.70	3.09	-4.83	-23.15	-5.01	-22.96	-1.85
		780	1.66	-3.83	-27.55	-4.16	-27.22	2.78	-5.63	-27.48	-5.65	-27.45	-0.71
		771	1.68	-4.06	-27.73	-4.21	-27.58	1.85	-5.97	-28.69	-6.01	-28.64	-0.99
597	8	771	2.67	-6.45	-43.62	-6.51	-43.56	1.55	-9.57	-46.16	-9.68	-46.06	-2.00
		780	2.64	-5.68	-43.78	-6.41	-43.05	5.23	-8.98	-43.81	-9.04	-43.75	-1.52
		781	2.63	-8.37	-42.26	-8.46	-42.17	1.69	-10.12	-50.74	-10.12	-50.74	-0.06
		772	2.71	-7.90	-43.36	-8.57	-42.69	4.84	-10.45	-52.49	-10.45	-52.49	-0.15
597	32	771	1.98	-4.87	-32.60	-4.91	-32.55	1.11	-7.03	-33.93	-7.11	-33.85	-1.41
		780	1.97	-4.28	-32.74	-4.85	-32.17	3.98	-6.60	-32.25	-6.65	-32.20	-1.06
		781	1.96	-6.26	-31.60	-6.32	-31.54	1.26	-7.44	-37.29	-7.44	-37.29	-0.04
		772	2.02	-5.90	-32.43	-6.41	-31.92	3.65	-7.66	-38.49	-7.67	-38.49	-0.10
597	37	771	1.77	-4.59	-29.64	-4.62	-29.61	0.82	-5.95	-28.71	-5.99	-28.68	-0.93
		780	1.77	-4.00	-29.82	-4.57	-29.25	3.80	-5.62	-27.50	-5.64	-27.47	-0.67
		781	1.75	-5.71	-28.80	-5.77	-28.75	1.10	-6.31	-31.63	-6.31	-31.63	3.04e-03
		772	1.80	-5.36	-29.58	-5.84	-29.10	3.38	-6.44	-32.32	-6.44	-32.32	-0.04
598	7	774	4.67	35.10	-65.91	1.00	-31.81	-47.76	9.83	-8.05	2.55	-0.76	-8.78
		783	4.22	36.39	-56.22	9.84	-29.67	41.88	12.39	-6.33	6.19	-0.13	-8.81
		782	2.94	17.59	-39.69	10.01	-32.12	-19.41	18.29	-19.03	3.24	-3.99	-18.31
		773	2.98	25.64	-37.92	19.44	-31.72	18.86	13.95	-17.50	0.40	-3.95	-15.57
598	31	774	3.40	25.59	-47.91	0.84	-23.15	-34.74	7.23	-5.94	1.85	-0.56	-6.48
		783	3.07	26.55	-40.85	7.29	-21.59	30.45	9.08	-4.65	4.53	-0.09	-6.47
		782	2.14	12.78	-28.83	7.33	-23.37	-14.05	13.38	-14.04	2.37	-3.03	-13.44
		773	2.17	18.66	-27.54	14.20	-23.08	13.64	10.20	-12.96	0.27	-3.03	-11.46
598	37	774	2.81	21.27	-39.36	1.03	-19.12	-28.59	6.22	-5.19	1.53	-0.49	-5.61
		783	2.54	22.10	-33.48	6.44	-17.82	25.01	7.73	-3.99	3.81	-0.07	-5.52

		782	1.76	10.51	-23.60	6.18	-19.28	-11.35	11.28	-12.20	2.01	-2.93	-11.48
		773	1.78	15.39	-22.54	11.91	-19.05	10.96	8.56	-11.40	0.16	-3.00	-9.86
599	7	773	2.34	13.62	-35.40	13.14	-34.92	-4.84	12.61	-16.04	0.06	-3.49	-14.21
		782	2.12	12.21	-34.16	11.62	-33.58	5.17	15.14	-15.62	3.00	-3.48	-15.03
		784	2.06	9.80	-32.73	9.80	-32.73	0.04	11.41	-18.21	0.04	-6.85	-14.40
		775	2.02	11.73	-31.35	11.26	-30.88	4.47	9.93	-19.64	-0.32	-9.39	-14.07
599	31	773	1.71	9.95	-25.88	9.59	-25.52	-3.57	9.21	-11.88	0.03	-2.69	-10.46
		782	1.55	8.92	-24.97	8.49	-24.54	3.79	11.07	-11.54	2.20	-2.67	-11.04
		784	1.51	7.10	-23.93	7.10	-23.93	0.09	8.28	-13.47	0.04	-5.22	-10.55
		775	1.48	8.52	-22.92	8.19	-22.59	3.20	7.20	-14.56	-0.24	-7.12	-10.33
599	37	773	1.45	8.33	-21.75	8.01	-21.43	-3.10	7.72	-10.47	-0.04	-2.71	-9.00
		782	1.30	7.47	-20.96	7.10	-20.59	3.23	9.29	-10.06	1.86	-2.63	-9.41
		784	1.27	5.77	-20.09	5.76	-20.08	0.26	6.76	-11.80	0.04	-5.08	-8.92
		775	1.25	6.96	-19.27	6.72	-19.04	2.47	5.89	-12.91	-0.20	-6.81	-8.80
600	7	775	2.13	9.57	-34.01	9.54	-33.98	1.12	9.30	-19.23	-0.47	-9.46	-13.54
		784	2.13	9.62	-35.01	9.43	-34.82	2.89	11.33	-18.05	0.22	-6.93	-14.25
		785	1.99	6.36	-33.34	6.16	-33.15	2.77	5.81	-19.67	-1.95	-11.91	-11.73
		776	2.03	6.61	-32.88	6.52	-32.79	1.91	3.70	-21.39	-2.58	-15.10	-10.87
600	31	775	1.57	6.93	-24.98	6.91	-24.96	0.77	6.74	-14.26	-0.34	-7.17	-9.93
		784	1.56	6.96	-25.70	6.82	-25.56	2.16	8.23	-13.34	0.17	-5.29	-10.43
		785	1.46	4.56	-24.50	4.40	-24.35	2.10	4.15	-14.57	-1.42	-8.99	-8.56
		776	1.49	4.75	-24.17	4.69	-24.11	1.36	2.62	-15.87	-1.89	-11.37	-7.94
600	37	775	1.34	5.60	-21.35	5.59	-21.34	0.48	5.49	-12.65	-0.29	-6.86	-8.45
		784	1.33	5.60	-21.93	5.46	-21.79	1.96	6.72	-11.70	0.16	-5.14	-8.82
		785	1.25	3.53	-20.99	3.37	-20.83	2.00	3.20	-12.85	-1.18	-8.48	-7.15
		776	1.28	3.72	-20.73	3.68	-20.68	1.04	1.92	-14.11	-1.59	-10.60	-6.63
601	7	776	2.14	5.91	-35.56	5.85	-35.50	1.57	3.58	-21.33	-2.68	-15.07	-10.81
		785	2.11	5.95	-36.01	5.73	-35.79	3.06	5.74	-19.61	-1.96	-11.91	-11.66
		786	2.05	3.16	-34.94	2.88	-34.66	3.28	0.13	-22.07	-4.00	-17.93	-8.64
		777	2.10	3.15	-34.88	3.07	-34.80	1.74	-1.58	-24.44	-4.96	-21.06	-8.11
601	31	776	1.58	4.22	-26.23	4.18	-26.19	1.12	2.53	-15.83	-1.96	-11.34	-7.89
		785	1.55	4.24	-26.56	4.06	-26.38	2.31	4.10	-14.52	-1.43	-8.99	-8.51
		786	1.51	2.21	-25.80	1.98	-25.58	2.50	7.01e-03	-16.37	-2.93	-13.43	-6.28
		777	1.55	2.20	-25.75	2.14	-25.70	1.26	-1.25	-18.13	-3.64	-15.74	-5.88
601	37	776	1.37	3.21	-22.78	3.19	-22.76	0.84	1.84	-14.07	-1.66	-10.57	-6.59
		785	1.34	3.20	-23.04	3.02	-22.86	2.17	3.16	-12.82	-1.19	-8.47	-7.11
		786	1.31	1.51	-22.50	1.27	-22.26	2.41	-0.27	-14.52	-2.48	-12.31	-5.16
		777	1.35	1.51	-22.44	1.46	-22.40	1.03	-1.34	-16.10	-3.11	-14.33	-4.80
602	8	777	2.22	2.50	-37.56	2.43	-37.49	1.70	-1.78	-24.84	-5.26	-21.36	-8.26
		786	2.17	2.51	-37.63	2.23	-37.35	3.32	-0.07	-22.53	-4.22	-18.38	-8.72
		787	2.16	0.10	-36.83	-0.23	-36.50	3.49	-4.30	-27.16	-5.94	-25.52	-5.90
		778	2.21	-0.03	-36.88	-0.13	-36.78	1.88	-5.45	-29.86	-6.98	-28.33	-5.91
602	32	777	1.64	1.71	-27.81	1.66	-27.76	1.24	-1.39	-18.40	-3.84	-15.94	-5.98
		786	1.60	1.72	-27.86	1.50	-27.65	2.52	-0.13	-16.67	-3.08	-13.73	-6.33
		787	1.60	-0.03	-27.31	-0.30	-27.04	2.67	-3.21	-20.10	-4.35	-18.95	-4.25
		778	1.64	-0.14	-27.33	-0.21	-27.26	1.39	-4.05	-22.08	-5.12	-21.02	-4.25
602	37	777	1.44	1.09	-24.48	1.05	-24.44	1.02	-1.35	-16.09	-3.13	-14.32	-4.80
		786	1.41	1.11	-24.54	0.88	-24.31	2.43	-0.29	-14.51	-2.49	-12.31	-5.14
		787	1.41	-0.33	-24.15	-0.62	-23.86	2.58	-2.83	-17.45	-3.62	-16.66	-3.30
		778	1.44	-0.46	-24.13	-0.52	-24.07	1.18	-3.56	-19.15	-4.26	-18.45	-3.24
603	8	778	2.33	-0.57	-39.52	-0.66	-39.43	1.87	-5.44	-29.89	-6.96	-28.37	-5.91
		787	2.29	-0.43	-39.47	-0.75	-39.15	3.51	-4.30	-27.18	-5.93	-25.55	-5.88
		788	2.31	-2.70	-38.67	-3.04	-38.33	3.48	-6.92	-33.89	-7.34	-33.47	-3.34
		779	2.35	-2.97	-38.74	-3.08	-38.64	1.97	-7.67	-36.47	-8.15	-35.99	-3.68
603	32	778	1.73	-0.55	-29.36	-0.61	-29.29	1.38	-4.04	-22.10	-5.10	-21.04	-4.25
		787	1.70	-0.44	-29.33	-0.69	-29.08	2.68	-3.21	-20.11	-4.35	-18.97	-4.24
		788	1.71	-2.09	-28.77	-2.36	-28.50	2.66	-5.11	-25.03	-5.39	-24.74	-2.38
		779	1.74	-2.30	-28.81	-2.38	-28.73	1.46	-5.66	-26.90	-5.98	-26.57	-2.62
603	37	778	1.53	-0.87	-26.16	-0.93	-26.10	1.17	-3.55	-19.16	-4.25	-18.46	-3.24
		787	1.50	-0.74	-26.17	-1.01	-25.90	2.60	-2.83	-17.46	-3.61	-16.67	-3.30
		788	1.52	-2.10	-25.75	-2.38	-25.47	2.59	-4.38	-21.61	-4.56	-21.44	-1.73
		779	1.54	-2.32	-25.75	-2.39	-25.68	1.26	-4.85	-23.12	-5.04	-22.93	-1.87
604	8	779	2.47	-3.52	-41.36	-3.61	-41.27	1.82	-7.64	-36.52	-8.11	-36.05	-3.66
		788	2.43	-3.22	-41.32	-3.57	-40.97	3.62	-6.91	-33.93	-7.32	-33.51	-3.32
		789	2.46	-5.48	-40.39	-5.77	-40.10	3.14	-8.53	-41.74	-8.58	-41.70	-1.26
		780	2.49	-5.75	-40.55	-5.88	-40.42	2.12	-8.99	-43.79	-9.07	-43.72	-1.61
604	32	779	1.83	-2.72	-30.82	-2.79	-30.76	1.35	-5.64	-26.94	-5.96	-26.62	-2.60
		788	1.81	-2.49	-30.81	-2.76	-30.54	2.77	-5.10	-25.06	-5.38	-24.77	-2.37
		789	1.83	-4.13	-30.14	-4.36	-29.91	2.41	-6.28	-30.77	-6.32	-30.74	-0.88
		780	1.85	-4.34	-30.24	-4.44	-30.14	1.58	-6.62	-32.23	-6.67	-32.18	-1.12
604	37	779	1.63	-2.75	-27.76	-2.80	-27.71	1.15	-4.83	-23.15	-5.03	-22.96	-1.86
		788	1.61	-2.50	-27.79	-2.79	-27.50	2.69	-4.38	-21.63	-4.55	-21.46	-1.72
		789	1.63	-3.85	-27.25	-4.09	-27.01	2.35	-5.37	-26.42	-5.39	-26.41	-0.56
		780	1.65	-4.07	-27.31	-4.16	-27.22	1.41	-5.63	-27.48	-5.65	-27.46	-0.72
605	8	780	2.61	-6.40	-43.07	-6.42	-43.05	0.78	-8.98	-43.83	-9.05	-43.76	-1.53
		789	2.59	-5.77	-43.28	-6.30	-42.74	4.46	-8.52	-41.78	-8.57	-41.74	-1.20
		790	2.60	-8.35	-41.86	-8.38	-41.83	0.92	-9.90	-49.58	-9.90	-49.58	-3.27e-03

		781	2.65	-7.97	-42.67	-8.46	-42.18	4.09	-10.12	-50.76	-10.12	-50.76	-0.07
605	32	780	1.94	-4.84	-32.18	-4.85	-32.17	0.56	-6.61	-32.26	-6.65	-32.21	-1.07
		789	1.93	-4.34	-32.37	-4.77	-31.94	3.42	-6.28	-30.80	-6.31	-30.77	-0.84
		790	1.94	-6.25	-31.31	-6.27	-31.29	0.71	-7.29	-36.50	-7.29	-36.50	3.86e-03
		781	1.98	-5.95	-31.92	-6.33	-31.54	3.11	-7.44	-37.30	-7.44	-37.30	-0.04
605	37	780	1.74	-4.56	-29.26	-4.57	-29.25	0.38	-5.62	-27.50	-5.64	-27.48	-0.68
		789	1.74	-4.05	-29.49	-4.50	-29.04	3.36	-5.37	-26.44	-5.38	-26.43	-0.53
		790	1.74	-5.70	-28.54	-5.71	-28.52	0.66	-6.24	-31.24	-6.24	-31.24	0.03
		781	1.77	-5.39	-29.12	-5.77	-28.75	2.95	-6.31	-31.64	-6.31	-31.64	1.86e-03
606	7	783	4.39	35.85	-58.43	7.64	-30.23	-43.17	13.74	-7.70	6.40	-0.35	-10.17
		792	4.33	36.87	-57.29	9.60	-30.03	42.71	14.88	-7.72	7.33	-0.18	-10.66
		791	2.92	18.70	-37.58	11.24	-30.12	-19.08	22.34	-19.59	4.95	-2.20	-20.66
		782	2.66	17.70	-36.98	11.81	-31.09	16.95	17.80	-18.59	2.97	-3.76	-17.88
606	31	783	3.20	26.14	-42.48	5.66	-22.01	-31.40	10.09	-5.66	4.68	-0.26	-7.48
		792	3.15	26.90	-41.61	7.14	-21.85	31.04	10.90	-5.66	5.37	-0.13	-7.81
		791	2.13	13.58	-27.30	8.20	-21.91	-13.82	16.33	-14.41	3.62	-1.70	-15.14
		782	1.93	12.88	-26.85	8.66	-22.62	12.25	13.02	-13.71	2.17	-2.87	-13.13
606	37	783	2.64	21.73	-34.92	4.99	-18.18	-25.85	8.62	-4.87	3.97	-0.22	-6.41
		792	2.60	22.41	-34.05	6.38	-18.02	25.46	9.24	-4.81	4.53	-0.10	-6.63
		791	1.75	11.13	-22.34	6.84	-18.06	-11.19	13.73	-12.40	3.06	-1.73	-12.84
		782	1.58	10.63	-21.93	7.34	-18.64	9.81	10.95	-11.92	1.82	-2.79	-11.20
607	7	782	2.31	11.94	-34.83	11.10	-33.98	-6.22	15.26	-15.74	2.84	-3.32	-15.19
		791	2.04	10.69	-33.02	10.22	-32.55	4.50	18.79	-16.17	4.55	-1.92	-17.18
		793	2.00	8.96	-31.87	8.92	-31.82	-1.34	14.63	-17.40	1.53	-4.30	-15.74
		784	2.03	10.17	-32.28	10.07	-32.18	2.08	11.56	-18.31	0.25	-7.01	-14.49
607	31	782	1.69	8.72	-25.46	8.10	-24.84	-4.58	11.16	-11.62	2.08	-2.55	-11.15
		791	1.49	7.80	-24.13	7.46	-23.78	3.30	13.73	-11.90	3.33	-1.50	-12.59
		793	1.46	6.46	-23.28	6.43	-23.25	-0.91	10.63	-12.83	1.13	-3.33	-11.52
		784	1.48	7.37	-23.59	7.30	-23.52	1.47	8.39	-13.54	0.19	-5.34	-10.61
607	37	782	1.43	7.31	-21.39	6.76	-20.84	-3.93	9.36	-10.13	1.76	-2.52	-9.51
		791	1.24	6.51	-20.23	6.22	-19.93	2.80	11.51	-10.27	2.82	-1.58	-10.67
		793	1.22	5.14	-19.50	5.13	-19.49	-0.55	8.72	-11.16	0.96	-3.40	-9.69
		784	1.25	5.99	-19.80	5.94	-19.75	1.07	6.87	-11.88	0.18	-5.19	-8.98
608	7	784	2.16	9.16	-34.85	9.16	-34.84	-0.55	11.32	-18.05	0.28	-7.01	-14.23
		793	2.05	8.30	-34.29	8.26	-34.25	1.32	14.41	-17.15	1.53	-4.27	-15.52
		794	1.93	5.77	-33.04	5.70	-32.98	1.59	8.40	-17.75	-0.93	-8.42	-12.53
		785	2.01	6.32	-33.14	6.30	-33.12	0.94	5.79	-19.68	-1.95	-11.94	-11.72
608	31	784	1.58	6.62	-25.58	6.61	-25.57	-0.44	8.22	-13.35	0.21	-5.34	-10.42
		793	1.50	5.97	-25.16	5.93	-25.13	1.02	10.47	-12.66	1.13	-3.31	-11.35
		794	1.42	4.09	-24.27	4.04	-24.22	1.26	6.03	-13.13	-0.68	-6.41	-9.14
		785	1.47	4.52	-24.34	4.51	-24.33	0.67	4.14	-14.58	-1.43	-9.01	-8.55
608	37	784	1.35	5.30	-21.81	5.29	-21.80	-0.49	6.72	-11.71	0.20	-5.19	-8.81
		793	1.27	4.69	-21.43	4.65	-21.39	1.04	8.58	-11.01	0.96	-3.39	-9.55
		794	1.21	3.05	-20.76	2.98	-20.68	1.36	4.74	-11.52	-0.56	-6.22	-7.62
		785	1.26	3.47	-20.82	3.46	-20.81	0.51	3.19	-12.86	-1.18	-8.49	-7.14
609	8	785	2.12	5.50	-35.82	5.49	-35.81	0.55	5.41	-19.85	-2.19	-12.25	-11.59
		794	2.04	4.99	-35.63	4.90	-35.55	1.87	8.02	-18.01	-1.08	-8.92	-12.41
		795	1.99	2.58	-34.68	2.41	-34.51	2.49	1.85	-19.90	-3.15	-14.90	-9.15
		786	2.05	2.79	-34.73	2.77	-34.70	1.03	-0.07	-22.53	-4.24	-18.37	-8.73
609	32	785	1.56	3.91	-26.40	3.91	-26.40	0.39	3.88	-14.69	-1.58	-9.22	-8.46
		794	1.50	3.53	-26.27	3.45	-26.20	1.46	5.78	-13.30	-0.77	-6.75	-9.06
		795	1.46	1.77	-25.60	1.63	-25.47	1.94	1.26	-14.72	-2.30	-11.16	-6.65
		786	1.51	1.93	-25.63	1.91	-25.61	0.77	-0.13	-16.68	-3.09	-13.72	-6.34
609	37	785	1.35	3.00	-22.88	3.00	-22.87	0.31	3.13	-12.82	-1.19	-8.49	-7.09
		794	1.29	2.65	-22.78	2.56	-22.68	1.54	4.72	-11.50	-0.54	-6.24	-7.59
		795	1.27	1.19	-22.31	1.02	-22.14	2.00	0.87	-12.76	-1.85	-10.04	-5.44
		786	1.31	1.31	-22.29	1.29	-22.27	0.67	-0.29	-14.52	-2.50	-12.31	-5.15
610	8	786	2.17	2.26	-37.39	2.23	-37.36	1.00	-0.10	-22.53	-4.25	-18.38	-8.71
		795	2.11	2.06	-37.32	1.90	-37.16	2.52	1.82	-19.89	-3.14	-14.92	-9.12
		796	2.11	-0.11	-36.55	-0.32	-36.34	2.80	-3.12	-24.15	-4.96	-22.31	-5.94
		787	2.16	-0.19	-36.54	-0.23	-36.50	1.21	-4.33	-27.16	-5.97	-25.52	-5.90
610	32	786	1.61	1.52	-27.68	1.50	-27.66	0.74	-0.15	-16.67	-3.10	-13.73	-6.32
		795	1.56	1.37	-27.64	1.24	-27.51	1.96	1.25	-14.72	-2.29	-11.18	-6.63
		796	1.56	-0.19	-27.11	-0.37	-26.93	2.18	-2.34	-17.89	-3.64	-16.60	-4.30
		787	1.60	-0.26	-27.08	-0.29	-27.05	0.91	-3.22	-20.09	-4.37	-18.95	-4.25
610	37	786	1.41	0.90	-24.33	0.88	-24.31	0.65	-0.31	-14.51	-2.51	-12.31	-5.13
		795	1.36	0.79	-24.34	0.63	-24.18	2.02	0.85	-12.75	-1.85	-10.06	-5.42
		796	1.37	-0.48	-23.98	-0.69	-23.77	2.23	-2.11	-15.56	-3.03	-14.64	-3.40
		787	1.40	-0.58	-23.90	-0.61	-23.87	0.83	-2.85	-17.45	-3.64	-16.65	-3.30
611	8	787	2.28	-0.71	-39.19	-0.75	-39.16	1.19	-4.33	-27.18	-5.96	-25.55	-5.88
		796	2.23	-0.63	-39.20	-0.84	-38.99	2.82	-3.13	-24.17	-4.96	-22.35	-5.92
		797	2.26	-2.74	-38.40	-2.96	-38.18	2.76	-6.21	-31.18	-6.61	-30.78	-3.14
		788	2.30	-3.00	-38.38	-3.04	-38.33	1.24	-6.94	-33.89	-7.36	-33.47	-3.34
611	32	787	1.69	-0.66	-29.12	-0.69	-29.09	0.89	-3.23	-20.11	-4.37	-18.97	-4.24
		796	1.66	-0.59	-29.14	-0.76	-28.97	2.19	-2.35	-17.91	-3.63	-16.62	-4.28
		797	1.68	-2.12	-28.58	-2.29	-28.40	2.15	-4.58	-23.06	-4.86	-22.79	-2.25
		788	1.71	-2.32	-28.54	-2.36	-28.51	0.94	-5.12	-25.03	-5.41	-24.74	-2.38

611	37	787	1.50	-0.99	-25.93	-1.01	-25.91	0.81	-2.85	-17.46	-3.63	-16.67	-3.30
		796	1.47	-0.88	-26.01	-1.08	-25.81	2.24	-2.12	-15.57	-3.03	-14.66	-3.39
		797	1.49	-2.12	-25.60	-2.33	-25.39	2.20	-3.95	-20.02	-4.13	-19.84	-1.68
		788	1.51	-2.35	-25.50	-2.38	-25.47	0.87	-4.40	-21.62	-4.57	-21.44	-1.73
612	8	788	2.42	-3.54	-41.01	-3.57	-40.98	1.09	-6.93	-33.93	-7.34	-33.51	-3.32
		797	2.39	-3.26	-41.05	-3.48	-40.83	2.89	-6.20	-31.22	-6.60	-30.82	-3.12
		798	2.42	-5.46	-40.10	-5.62	-39.94	2.35	-8.13	-39.86	-8.16	-39.83	-1.02
		789	2.45	-5.72	-40.16	-5.77	-40.11	1.35	-8.54	-41.75	-8.59	-41.71	-1.26
612	32	788	1.80	-2.74	-30.56	-2.76	-30.54	0.83	-5.11	-25.06	-5.39	-24.77	-2.37
		797	1.77	-2.51	-30.62	-2.69	-30.44	2.25	-4.58	-23.09	-4.85	-22.81	-2.24
		798	1.80	-4.12	-29.93	-4.25	-29.80	1.83	-6.00	-29.42	-6.02	-29.40	-0.71
		789	1.82	-4.32	-29.96	-4.36	-29.92	1.03	-6.29	-30.78	-6.32	-30.75	-0.88
612	37	788	1.60	-2.77	-27.52	-2.79	-27.50	0.75	-4.39	-21.64	-4.56	-21.46	-1.72
		797	1.59	-2.52	-27.64	-2.73	-27.42	2.30	-3.95	-20.03	-4.13	-19.86	-1.66
		798	1.61	-3.84	-27.08	-3.99	-26.93	1.89	-5.16	-25.42	-5.17	-25.41	-0.45
		789	1.62	-4.05	-27.06	-4.09	-27.02	0.97	-5.38	-26.43	-5.40	-26.41	-0.56
613	8	789	2.57	-6.31	-42.74	-6.31	-42.74	0.01	-8.53	-41.79	-8.58	-41.75	-1.21
		798	2.56	-5.79	-42.94	-6.16	-42.58	3.66	-8.13	-39.91	-8.16	-39.88	-0.97
		799	2.58	-8.32	-41.62	-8.32	-41.62	0.11	-9.76	-48.85	-9.76	-48.85	0.06
		790	2.61	-8.05	-42.17	-8.38	-41.84	3.32	-9.90	-49.59	-9.90	-49.59	-4.11e-03
613	32	789	1.91	-4.77	-31.94	-4.77	-31.94	4.60e-05	-6.28	-30.81	-6.31	-30.78	-0.84
		798	1.91	-4.36	-32.12	-4.66	-31.83	2.85	-5.99	-29.46	-6.01	-29.44	-0.68
		799	1.92	-6.23	-31.14	-6.23	-31.13	0.11	-7.20	-36.02	-7.20	-36.02	0.04
		790	1.95	-6.01	-31.55	-6.27	-31.29	2.55	-7.29	-36.51	-7.29	-36.51	3.22e-03
613	37	789	1.72	-4.50	-29.04	-4.50	-29.04	-0.06	-5.37	-26.45	-5.39	-26.43	-0.53
		798	1.72	-4.07	-29.30	-4.40	-28.96	2.90	-5.15	-25.45	-5.16	-25.44	-0.44
		799	1.73	-5.68	-28.40	-5.68	-28.40	0.18	-6.20	-31.04	-6.20	-31.04	0.06
		790	1.75	-5.44	-28.80	-5.72	-28.53	2.50	-6.24	-31.24	-6.24	-31.24	0.03
614	7	792	4.36	37.50	-55.54	11.73	-29.76	-41.64	15.86	-8.38	7.68	-0.20	-11.46
		801	4.37	38.51	-56.21	12.31	-30.01	42.38	17.49	-8.70	9.00	-0.20	-12.26
		800	2.97	19.63	-36.75	11.89	-29.01	-19.40	26.74	-20.43	6.45	-0.14	-23.35
		791	2.61	15.98	-35.90	10.12	-30.04	16.42	21.93	-19.47	4.70	-2.23	-20.41
614	31	792	3.18	27.34	-40.40	8.62	-21.67	-30.29	11.63	-6.15	5.63	-0.15	-8.41
		801	3.18	28.11	-40.79	9.15	-21.83	30.77	12.81	-6.37	6.59	-0.15	-8.98
		800	2.16	14.24	-26.70	8.64	-21.10	-14.07	19.54	-15.00	4.71	-0.18	-17.10
		791	1.89	11.63	-26.04	7.43	-21.84	11.85	16.03	-14.32	3.44	-1.73	-14.96
614	37	792	2.63	22.72	-33.26	7.39	-17.92	-24.97	9.87	-5.24	4.75	-0.12	-7.15
		801	2.62	23.46	-33.28	8.17	-17.99	25.18	10.83	-5.38	5.57	-0.12	-7.59
		800	1.78	11.61	-21.87	7.09	-17.35	-11.44	16.40	-12.83	3.96	-0.39	-14.45
		791	1.55	9.58	-21.21	6.34	-17.97	9.45	13.46	-12.32	2.90	-1.76	-12.68
615	7	791	2.27	11.53	-33.69	10.55	-32.71	-6.58	18.75	-16.13	4.51	-1.89	-17.14
		800	2.02	10.77	-31.94	10.44	-31.60	3.77	22.80	-16.53	6.06	0.21	-19.45
		802	1.92	8.14	-30.81	8.01	-30.68	-2.29	18.61	-16.40	3.03	-0.82	-17.40
		793	1.96	8.81	-31.64	8.80	-31.63	0.48	14.67	-17.48	1.52	-4.33	-15.81
615	31	791	1.66	8.41	-24.63	7.68	-23.91	-4.84	13.70	-11.87	3.30	-1.48	-12.56
		800	1.47	7.84	-23.33	7.60	-23.08	2.75	16.65	-12.15	4.43	0.08	-14.24
		802	1.40	5.82	-22.50	5.73	-22.41	-1.60	13.53	-12.07	2.21	-0.76	-12.71
		793	1.43	6.36	-23.12	6.36	-23.11	0.31	10.66	-12.90	1.12	-3.36	-11.56
615	37	791	1.40	7.01	-20.69	6.37	-20.04	-4.17	11.48	-10.24	2.79	-1.55	-10.64
		800	1.23	6.48	-19.51	6.28	-19.31	2.29	13.94	-10.41	3.72	-0.18	-12.02
		802	1.16	4.45	-18.80	4.40	-18.74	-1.10	11.11	-10.42	1.85	-1.16	-10.66
		793	1.20	5.09	-19.37	5.09	-19.37	0.12	8.75	-11.21	0.95	-3.42	-9.74
616	7	793	2.11	8.34	-34.35	8.25	-34.26	-1.93	14.40	-17.18	1.52	-4.29	-15.52
		802	1.96	7.34	-33.24	7.34	-33.24	0.26	18.32	-16.09	3.02	-0.79	-17.10
		803	1.84	4.84	-32.34	4.82	-32.33	0.68	11.76	-15.52	0.56	-4.32	-13.42
		794	1.95	5.70	-32.91	5.69	-32.91	-0.27	8.40	-17.78	-0.95	-8.44	-12.54
616	31	793	1.55	5.99	-25.20	5.93	-25.14	-1.44	10.46	-12.67	1.12	-3.32	-11.35
		802	1.43	5.23	-24.38	5.23	-24.38	0.25	13.32	-11.85	2.21	-0.74	-12.50
		803	1.35	3.38	-23.75	3.36	-23.74	0.61	8.47	-11.47	0.41	-3.41	-9.79
		794	1.43	4.04	-24.17	4.04	-24.17	-0.19	6.03	-13.15	-0.69	-6.43	-9.15
616	37	793	1.31	4.71	-21.46	4.64	-21.40	-1.29	8.58	-11.02	0.96	-3.40	-9.55
		802	1.21	3.95	-20.73	3.94	-20.72	0.42	10.93	-10.23	1.85	-1.15	-10.47
		803	1.14	2.33	-20.30	2.29	-20.26	0.90	6.73	-10.04	0.34	-3.65	-8.14
		794	1.22	2.98	-20.64	2.98	-20.63	-0.15	4.74	-11.55	-0.57	-6.24	-7.63
617	8	794	2.07	4.89	-35.54	4.88	-35.53	-0.55	8.00	-18.03	-1.09	-8.93	-12.41
		803	1.95	4.02	-34.95	4.00	-34.92	0.99	11.30	-15.85	0.44	-4.99	-13.30
		804	1.91	2.00	-34.32	1.91	-34.23	1.82	4.33	-16.95	-1.67	-10.96	-9.57
		795	2.00	2.42	-34.50	2.42	-34.49	0.23	1.82	-19.90	-3.18	-14.90	-9.15
617	32	794	1.52	3.44	-26.19	3.44	-26.19	-0.39	5.77	-13.31	-0.79	-6.76	-9.06
		803	1.43	2.78	-25.76	2.76	-25.74	0.84	8.16	-11.69	0.33	-3.86	-9.70
		804	1.41	1.33	-25.35	1.25	-25.26	1.48	3.07	-12.55	-1.22	-8.27	-6.97
		795	1.47	1.64	-25.45	1.64	-25.45	0.20	1.25	-14.73	-2.32	-11.16	-6.65
617	37	794	1.31	2.55	-22.68	2.54	-22.67	-0.30	4.71	-11.51	-0.56	-6.25	-7.59
		803	1.23	1.95	-22.34	1.90	-22.29	1.08	6.70	-10.01	0.36	-3.68	-8.11
		804	1.22	0.79	-22.11	0.66	-22.19	1.69	2.36	-10.84	-0.96	-7.53	-5.72
		795	1.27	1.03	-22.13	1.02	-22.13	0.26	0.85	-12.76	-1.87	-10.04	-5.44
618	8	795	2.12	1.89	-37.16	1.89	-37.15	0.20	1.80	-19.90	-3.17	-14.93	-9.12

		804	2.03	1.50	-36.97	1.41	-36.88	1.85	4.31	-16.96	-1.65	-10.99	-9.55
		805	2.06	-0.28	-36.38	-0.41	-36.25	2.18	-1.52	-20.90	-3.67	-18.76	-6.08
		796	2.11	-0.32	-36.34	-0.33	-36.33	0.52	-3.15	-24.15	-4.99	-22.31	-5.94
618	32	795	1.56	1.23	-27.50	1.23	-27.50	0.18	1.23	-14.72	-2.31	-11.18	-6.63
		804	1.50	0.95	-27.38	0.87	-27.30	1.50	3.05	-12.55	-1.21	-8.29	-6.95
		805	1.52	-0.32	-26.99	-0.44	-26.88	1.75	-1.17	-15.51	-2.69	-13.99	-4.41
		796	1.56	-0.36	-26.93	-0.37	-26.93	0.42	-2.36	-17.89	-3.66	-16.59	-4.29
618	37	795	1.37	0.62	-24.18	0.62	-24.17	0.24	0.83	-12.76	-1.87	-10.06	-5.42
		804	1.31	0.40	-24.15	0.28	-24.03	1.71	2.35	-10.84	-0.95	-7.55	-5.71
		805	1.34	-0.59	-23.92	-0.75	-23.76	1.94	-1.14	-13.54	-2.25	-12.43	-3.54
		796	1.37	-0.68	-23.78	-0.69	-23.77	0.47	-2.13	-15.56	-3.05	-14.64	-3.39
619	8	796	2.23	-0.83	-38.99	-0.84	-38.99	0.49	-3.16	-24.17	-4.99	-22.35	-5.92
		805	2.18	-0.79	-39.02	-0.92	-38.90	2.19	-1.53	-20.92	-3.66	-18.79	-6.07
		806	2.22	-2.67	-38.28	-2.79	-38.16	2.04	-5.26	-28.32	-5.68	-27.90	-3.10
		797	2.26	-2.95	-38.19	-2.96	-38.19	0.52	-6.23	-31.18	-6.63	-30.78	-3.14
619	32	796	1.65	-0.76	-28.97	-0.77	-28.97	0.40	-2.37	-17.91	-3.66	-16.62	-4.28
		805	1.62	-0.72	-29.02	-0.83	-28.91	1.76	-1.18	-15.53	-2.69	-14.02	-4.40
		806	1.65	-2.06	-28.50	-2.16	-28.40	1.64	-3.89	-20.99	-4.19	-20.69	-2.23
		797	1.68	-2.29	-28.41	-2.30	-28.40	0.43	-4.60	-23.07	-4.88	-22.79	-2.25
619	37	796	1.46	-1.08	-25.81	-1.09	-25.81	0.45	-2.14	-15.57	-3.05	-14.66	-3.38
		805	1.44	-0.99	-25.95	-1.14	-25.80	1.94	-1.15	-13.55	-2.25	-12.45	-3.53
		806	1.47	-2.06	-25.57	-2.20	-25.43	1.81	-3.38	-18.31	-3.58	-18.12	-1.71
		797	1.49	-2.32	-25.40	-2.33	-25.39	0.48	-3.97	-20.02	-4.14	-19.84	-1.67
620	8	797	2.38	-3.48	-40.83	-3.48	-40.83	0.36	-6.23	-31.22	-6.62	-30.82	-3.11
		806	2.35	-3.18	-40.93	-3.30	-40.80	2.17	-5.27	-28.35	-5.69	-27.93	-3.07
		807	2.40	-5.34	-39.95	-5.40	-39.89	1.51	-7.67	-38.00	-7.70	-37.98	-0.88
		798	2.42	-5.62	-39.96	-5.63	-39.95	0.56	-8.14	-39.87	-8.18	-39.84	-1.01
620	32	797	1.77	-2.69	-30.44	-2.70	-30.44	0.31	-4.60	-23.09	-4.87	-22.82	-2.23
		806	1.75	-2.46	-30.54	-2.56	-30.43	1.74	-3.90	-21.00	-4.19	-20.71	-2.22
		807	1.79	-4.02	-29.83	-4.08	-29.77	1.23	-5.67	-28.09	-5.68	-28.07	-0.62
		798	1.80	-4.24	-29.81	-4.25	-29.81	0.46	-6.00	-29.43	-6.03	-29.41	-0.71
620	37	797	1.58	-2.73	-27.43	-2.73	-27.43	0.36	-3.97	-20.04	-4.14	-19.86	-1.66
		806	1.57	-2.45	-27.60	-2.60	-27.46	1.91	-3.39	-18.33	-3.59	-18.13	-1.70
		807	1.60	-3.75	-27.02	-3.83	-26.94	1.40	-4.90	-24.40	-4.91	-24.39	-0.41
		798	1.61	-3.98	-26.94	-3.99	-26.93	0.52	-5.16	-25.43	-5.17	-25.42	-0.45
621	8	798	2.54	-6.14	-42.60	-6.16	-42.58	-0.79	-8.14	-39.92	-8.17	-39.89	-0.97
		807	2.53	-5.73	-42.73	-5.94	-42.52	2.82	-7.68	-38.05	-7.70	-38.03	-0.83
		808	2.57	-8.26	-41.48	-8.28	-41.46	-0.80	-9.70	-48.49	-9.70	-48.49	0.11
		799	2.59	-8.14	-41.81	-8.33	-41.62	2.51	-9.76	-48.86	-9.76	-48.86	0.06
621	32	798	1.89	-4.65	-31.85	-4.66	-31.83	-0.57	-6.00	-29.47	-6.02	-29.45	-0.68
		807	1.88	-4.31	-31.98	-4.49	-31.80	2.24	-5.67	-28.12	-5.68	-28.11	-0.59
		808	1.91	-6.18	-31.04	-6.19	-31.03	-0.54	-7.16	-35.78	-7.16	-35.78	0.08
		799	1.93	-6.08	-31.29	-6.23	-31.14	1.96	-7.20	-36.02	-7.20	-36.02	0.05
621	37	798	1.70	-4.40	-28.97	-4.41	-28.96	-0.52	-5.16	-25.45	-5.17	-25.44	-0.43
		807	1.70	-4.01	-29.19	-4.25	-28.96	2.41	-4.90	-24.43	-4.91	-24.42	-0.39
		808	1.72	-5.65	-28.33	-5.65	-28.33	-0.36	-6.20	-31.00	-6.20	-31.00	0.09
		799	1.74	-5.50	-28.58	-5.68	-28.40	2.03	-6.21	-31.04	-6.21	-31.04	0.06
622	7	801	4.43	39.10	-54.83	14.08	-29.81	-41.52	18.32	-9.23	9.31	-0.21	-12.93
		810	4.38	40.95	-53.68	16.94	-29.66	41.18	20.72	-9.98	10.96	-0.21	-14.30
		809	3.06	20.21	-36.78	11.69	-28.26	-20.32	32.25	-21.25	8.35	2.65	-26.60
		800	2.60	16.32	-34.39	10.90	-28.98	15.66	26.43	-20.35	6.29	-0.22	-23.16
622	31	801	3.23	28.50	-39.91	10.31	-21.71	-30.23	13.43	-6.77	6.81	-0.16	-9.48
		810	3.18	29.92	-38.90	12.59	-21.57	29.87	15.18	-7.31	8.02	-0.15	-10.48
		809	2.23	14.63	-26.74	8.43	-20.54	-14.76	23.58	-15.59	6.09	1.89	-19.47
		800	1.89	11.87	-24.92	8.00	-21.06	11.28	19.31	-14.95	4.60	-0.23	-16.96
622	37	801	2.68	23.67	-32.94	8.70	-17.98	-24.97	11.37	-5.75	5.75	-0.13	-8.04
		810	2.62	25.06	-31.56	11.24	-17.75	24.32	12.84	-6.19	6.78	-0.13	-8.87
		809	1.83	11.80	-21.96	6.70	-16.86	-12.09	19.81	-13.29	5.08	1.44	-16.45
		800	1.54	9.77	-20.21	6.83	-17.26	8.92	16.19	-12.77	3.86	-0.44	-14.32
623	7	800	2.27	11.88	-32.88	10.71	-31.71	-7.14	22.74	-16.51	6.06	0.18	-19.41
		809	2.01	11.29	-30.82	11.13	-30.66	2.60	27.70	-16.69	7.86	3.15	-22.07
		811	1.84	7.11	-29.86	6.85	-29.61	-3.05	23.46	-14.75	4.97	3.74	-19.09
		802	1.87	7.94	-30.59	7.93	-30.58	-0.64	18.63	-16.49	2.99	-0.85	-17.46
623	31	800	1.66	8.64	-24.03	7.77	-23.16	-5.26	16.61	-12.13	4.43	0.05	-14.21
		809	1.46	8.18	-22.49	8.07	-22.38	1.87	20.24	-12.25	5.73	2.26	-16.15
		811	1.33	4.99	-21.79	4.82	-21.62	-2.14	17.05	-10.83	3.62	2.60	-13.93
		802	1.37	5.69	-22.34	5.68	-22.33	-0.50	13.54	-12.14	2.18	-0.79	-12.76
623	37	800	1.40	7.14	-20.18	6.35	-19.40	-4.56	13.91	-10.39	3.72	-0.20	-11.99
		809	1.21	6.64	-18.75	6.55	-18.66	1.49	16.96	-10.43	4.76	1.77	-13.61
		811	1.09	3.52	-18.15	3.42	-18.05	-1.50	14.00	-9.27	2.99	1.75	-11.62
		802	1.14	4.42	-18.68	4.41	-18.67	-0.53	11.12	-10.48	1.83	-1.18	-10.70
624	7	802	2.04	7.59	-33.46	7.38	-33.25	-2.94	18.30	-16.13	2.99	-0.82	-17.11
		811	1.86	6.40	-32.22	6.39	-32.21	-0.56	23.10	-14.35	5.00	3.74	-18.72
		812	1.74	3.72	-31.68	3.72	-31.68	0.17	15.98	-12.57	2.85	0.56	-14.23
		803	1.87	4.86	-32.31	4.82	-32.27	-1.21	11.76	-15.56	0.52	-4.33	-13.45
624	31	802	1.49	5.41	-24.55	5.25	-24.39	-2.17	13.30	-11.88	2.18	-0.76	-12.50
		811	1.36	4.48	-23.62	4.47	-23.62	-0.33	16.79	-10.55	3.64	2.60	-13.66

		812	1.27	2.51	-23.28	2.51	-23.27	0.28	11.53	-9.29	2.07	0.16	-10.37
		803	1.37	3.39	-23.72	3.36	-23.69	-0.85	8.47	-11.50	0.38	-3.41	-9.81
624	37	802	1.26	4.09	-20.87	3.95	-20.73	-1.88	10.91	-10.25	1.83	-1.17	-10.47
		811	1.13	3.11	-20.05	3.11	-20.05	-0.01	13.78	-9.03	3.02	1.73	-11.38
		812	1.07	1.46	-19.93	1.43	-19.90	0.75	9.20	-8.14	1.72	-0.65	-8.59
		803	1.16	2.32	-20.24	2.30	-20.22	-0.62	6.73	-10.06	0.32	-3.65	-8.16
625	8	803	1.99	4.04	-34.94	3.99	-34.89	-1.41	11.28	-15.88	0.40	-5.00	-13.31
		812	1.85	2.91	-34.32	2.91	-34.31	0.52	15.39	-13.01	2.71	-0.33	-14.12
		813	1.85	1.40	-34.11	1.35	-34.05	1.44	7.71	-13.60	0.65	-6.54	-10.03
		804	1.93	1.91	-34.20	1.90	-34.20	-0.43	4.30	-16.96	-1.71	-10.95	-9.58
625	32	803	1.46	2.79	-25.75	2.75	-25.72	-1.00	8.15	-11.71	0.30	-3.86	-9.71
		812	1.36	1.94	-25.31	1.92	-25.30	0.54	11.14	-9.58	1.99	-0.43	-10.29
		813	1.36	0.88	-25.21	0.82	-25.15	1.24	5.52	-10.09	0.47	-5.04	-7.30
		804	1.42	1.25	-25.24	1.24	-25.24	-0.25	3.05	-12.55	-1.25	-8.26	-6.97
625	37	803	1.25	1.91	-22.30	1.89	-22.27	-0.74	6.69	-10.03	0.34	-3.68	-8.12
		812	1.16	1.14	-21.99	1.10	-21.95	0.92	9.18	-8.13	1.75	-0.70	-8.57
		813	1.18	0.38	-22.07	0.27	-21.96	1.59	4.41	-8.71	0.47	-4.77	-6.01
		804	1.23	0.65	-21.97	0.65	-21.97	-0.05	2.34	-10.84	-0.98	-7.52	-5.72
626	8	804	2.05	1.40	-36.86	1.40	-36.86	-0.45	4.28	-16.97	-1.69	-10.99	-9.55
		813	1.97	0.94	-36.76	0.88	-36.71	1.47	7.70	-13.62	0.67	-6.59	-10.02
		814	2.02	-0.33	-36.37	-0.41	-36.30	1.68	0.95	-17.48	-1.65	-14.88	-6.41
		805	2.06	-0.42	-36.24	-0.42	-36.24	-0.10	-1.55	-20.89	-3.70	-18.75	-6.08
626	32	804	1.51	0.86	-27.29	0.86	-27.29	-0.27	3.03	-12.56	-1.24	-8.29	-6.95
		813	1.45	0.52	-27.26	0.47	-27.20	1.25	5.52	-10.11	0.49	-5.07	-7.30
		814	1.49	-0.35	-27.01	-0.43	-26.94	1.41	0.62	-13.01	-1.23	-11.17	-4.66
		805	1.53	-0.44	-26.87	-0.44	-26.87	-1.93e-03	-1.20	-15.51	-2.72	-13.99	-4.41
626	37	804	1.32	0.27	-24.02	0.27	-24.02	-0.06	2.33	-10.85	-0.98	-7.55	-5.71
		813	1.27	0.02	-24.11	-0.09	-24.01	1.60	4.40	-8.73	0.47	-4.80	-6.01
		814	1.32	-0.59	-24.01	-0.72	-23.88	1.72	0.35	-11.42	-1.03	-10.05	-3.79
		805	1.34	-0.75	-23.75	-0.75	-23.75	0.18	-1.17	-13.53	-2.27	-12.42	-3.53
627	8	805	2.18	-0.93	-38.89	-0.93	-38.89	-0.13	-1.57	-20.92	-3.70	-18.78	-6.06
		814	2.14	-0.83	-39.01	-0.90	-38.94	1.67	0.93	-17.50	-1.65	-14.91	-6.40
		815	2.20	-2.42	-38.28	-2.46	-38.23	1.32	-3.74	-25.31	-4.27	-24.78	-3.34
		806	2.22	-2.79	-38.16	-2.79	-38.16	-0.19	-5.29	-28.32	-5.71	-27.90	-3.08
627	32	805	1.62	-0.83	-28.91	-0.83	-28.91	-0.03	-1.21	-15.52	-2.72	-14.01	-4.40
		814	1.59	-0.74	-29.04	-0.81	-28.97	1.40	0.61	-13.03	-1.23	-11.19	-4.66
		815	1.63	-1.87	-28.52	-1.91	-28.47	1.13	-2.79	-18.80	-3.17	-18.42	-2.42
		806	1.65	-2.17	-28.40	-2.17	-28.40	-0.08	-3.91	-20.98	-4.21	-20.69	-2.22
627	37	805	1.43	-1.14	-25.79	-1.14	-25.79	0.16	-1.18	-13.54	-2.28	-12.44	-3.52
		814	1.41	-0.98	-26.03	-1.10	-25.92	1.71	0.34	-11.43	-1.03	-10.06	-3.78
		815	1.46	-1.86	-25.64	-1.94	-25.55	1.42	-2.47	-16.51	-2.74	-16.24	-1.91
		806	1.47	-2.20	-25.43	-2.20	-25.43	0.10	-3.40	-18.31	-3.60	-18.12	-1.70
628	8	806	2.35	-3.31	-40.81	-3.31	-40.81	-0.35	-5.30	-28.35	-5.71	-27.93	-3.06
		815	2.32	-2.93	-40.92	-2.98	-40.87	1.44	-3.77	-25.32	-4.29	-24.80	-3.31
		816	2.37	-5.06	-39.87	-5.07	-39.86	0.58	-7.01	-36.02	-7.04	-35.99	-0.96
		807	2.40	-5.41	-39.90	-5.41	-39.89	-0.28	-7.69	-38.02	-7.72	-37.99	-0.86
628	32	806	1.75	-2.57	-30.43	-2.57	-30.43	-0.20	-3.92	-21.00	-4.21	-20.71	-2.21
		815	1.73	-2.26	-30.56	-2.31	-30.50	1.22	-2.81	-18.80	-3.18	-18.43	-2.41
		816	1.77	-3.81	-29.78	-3.82	-29.77	0.55	-5.19	-26.65	-5.21	-26.63	-0.69
		807	1.78	-4.08	-29.78	-4.08	-29.78	-0.15	-5.68	-28.10	-5.69	-28.08	-0.61
628	37	806	1.56	-2.60	-27.46	-2.60	-27.46	-0.03	-3.41	-18.33	-3.60	-18.13	-1.69
		815	1.55	-2.25	-27.67	-2.34	-27.58	1.51	-2.49	-16.51	-2.75	-16.25	-1.90
		816	1.59	-3.55	-27.01	-3.58	-26.98	0.85	-4.52	-23.27	-4.53	-23.26	-0.50
		807	1.60	-3.84	-26.94	-3.84	-26.94	0.03	-4.91	-24.41	-4.92	-24.40	-0.40
629	8	807	2.52	-5.87	-42.60	-5.95	-42.53	-1.63	-7.69	-38.07	-7.71	-38.05	-0.82
		816	2.50	-5.51	-42.59	-5.60	-42.49	1.88	-7.03	-36.05	-7.06	-36.02	-0.90
		817	2.56	-8.11	-41.37	-8.21	-41.27	-1.83	-9.69	-48.34	-9.70	-48.34	0.15
		808	2.57	-8.20	-41.55	-8.28	-41.47	1.61	-9.70	-48.51	-9.70	-48.51	0.12
629	32	807	1.88	-4.45	-31.85	-4.50	-31.80	-1.18	-5.68	-28.14	-5.69	-28.12	-0.58
		816	1.87	-4.15	-31.88	-4.23	-31.80	1.56	-5.20	-26.67	-5.22	-26.65	-0.64
		817	1.91	-6.08	-30.97	-6.15	-30.90	-1.30	-7.16	-35.69	-7.16	-35.69	0.11
		808	1.92	-6.13	-31.10	-6.19	-31.03	1.31	-7.16	-35.80	-7.16	-35.80	0.09
629	37	807	1.69	-4.21	-29.01	-4.25	-28.97	-1.01	-4.91	-24.44	-4.92	-24.43	-0.38
		816	1.69	-3.85	-29.14	-3.99	-29.01	1.85	-4.53	-23.29	-4.54	-23.28	-0.47
		817	1.72	-5.57	-28.28	-5.62	-28.24	-1.00	-6.23	-31.04	-6.23	-31.04	0.10
		808	1.73	-5.56	-28.43	-5.66	-28.33	1.49	-6.21	-31.02	-6.21	-31.02	0.09
630	7	810	4.58	40.53	-55.51	15.18	-30.16	-42.33	21.46	-10.35	11.41	-0.30	-14.79
		819	4.38	44.27	-49.92	23.37	-29.03	39.13	24.85	-11.80	13.08	-0.02	-17.12
		818	3.18	20.05	-37.61	10.14	-27.71	-21.75	39.25	-21.69	10.71	6.86	-30.41
		809	2.61	17.41	-32.39	12.85	-27.83	14.38	31.98	-21.27	8.13	2.58	-26.48
630	31	810	3.34	29.54	-40.45	11.07	-21.98	-30.85	15.73	-7.60	8.35	-0.22	-10.85
		819	3.18	32.39	-36.09	17.40	-21.09	28.32	18.23	-8.67	9.56	-5.97e-03	-12.57
		818	2.31	14.43	-27.38	7.18	-20.12	-15.83	28.74	-15.91	7.79	5.04	-22.28
		809	1.89	12.66	-23.43	9.42	-20.19	10.31	23.38	-15.60	5.93	1.84	-19.38
630	37	810	2.77	24.50	-33.55	9.20	-18.24	-25.58	13.33	-6.47	7.05	-0.19	-9.22
		819	2.62	27.30	-28.99	15.60	-17.29	22.84	15.50	-7.43	8.04	0.02	-10.74
		818	1.90	11.39	-22.60	5.25	-16.46	-13.07	24.27	-13.53	6.42	4.31	-18.87

		809	1.53	10.40	-18.87	8.01	-16.47	8.03	19.62	-13.29	4.94	1.40	-16.36
631	7	809	2.30	12.38	-32.37	10.84	-30.83	-8.16	27.59	-16.73	7.85	3.01	-22.03
		818	1.99	11.59	-29.73	11.57	-29.71	1.03	34.01	-16.21	10.07	7.73	-25.08
		820	1.73	5.37	-29.22	5.01	-28.85	-3.51	29.19	-11.63	7.77	9.79	-20.38
		811	1.79	7.18	-29.53	7.12	-29.46	-1.53	23.52	-14.86	4.93	3.73	-19.18
631	31	809	1.68	8.97	-23.66	7.82	-22.51	-6.03	20.16	-12.28	5.72	2.15	-16.12
		818	1.45	8.33	-21.67	8.31	-21.65	0.70	24.88	-11.87	7.32	5.69	-18.35
		820	1.25	3.60	-21.30	3.36	-21.06	-2.44	21.20	-8.50	5.65	7.05	-14.84
		811	1.30	5.08	-21.55	5.04	-21.50	-1.14	17.10	-10.92	3.59	2.60	-14.00
631	37	809	1.41	7.29	-19.87	6.22	-18.81	-5.26	16.88	-10.47	4.76	1.65	-13.58
		818	1.19	6.54	-17.98	6.53	-17.97	0.43	20.94	-10.02	6.01	4.92	-15.47
		820	1.00	1.98	-17.72	1.84	-17.58	-1.62	17.38	-7.14	4.65	5.59	-12.25
		811	1.08	3.73	-17.97	3.68	-17.93	-1.03	14.06	-9.35	2.96	1.75	-11.69
632	7	811	1.96	6.71	-32.56	6.35	-32.20	-3.74	23.05	-14.44	4.93	3.68	-18.73
		820	1.84	5.02	-31.53	4.99	-31.50	-1.04	28.84	-11.13	7.96	9.74	-19.97
		821	1.73	2.46	-31.53	2.46	-31.53	0.13	21.04	-8.27	6.58	6.19	-14.65
		812	1.78	3.84	-31.70	3.76	-31.61	-1.73	16.00	-12.62	2.78	0.60	-14.27
632	31	811	1.43	4.70	-23.87	4.43	-23.61	-2.73	16.75	-10.61	3.59	2.55	-13.67
		820	1.34	3.37	-23.11	3.36	-23.10	-0.64	20.95	-8.14	5.80	7.01	-14.54
		821	1.26	1.54	-23.20	1.53	-23.20	0.31	15.19	-6.14	4.80	4.26	-10.66
		812	1.30	2.60	-23.27	2.54	-23.22	-1.20	11.55	-9.32	2.03	0.20	-10.40
632	37	811	1.20	3.29	-20.27	3.06	-20.04	-2.30	13.74	-9.09	2.97	1.68	-11.39
		820	1.12	1.87	-19.62	1.87	-19.62	-0.15	17.18	-6.85	4.80	5.52	-12.01
		821	1.07	0.49	-20.00	0.44	-19.96	0.97	12.15	-5.47	3.99	2.70	-8.79
		812	1.09	1.49	-19.87	1.46	-19.84	-0.79	9.22	-8.16	1.68	-0.62	-8.62
633	8	812	1.89	2.97	-34.35	2.88	-34.26	-1.86	15.36	-13.05	2.63	-0.32	-14.13
		821	1.83	1.70	-34.24	1.69	-34.23	0.54	20.36	-8.94	6.37	5.05	-14.64
		822	1.81	0.98	-34.37	0.93	-34.32	1.31	12.27	-9.67	4.41	-1.81	-10.52
		813	1.87	1.35	-34.03	1.34	-34.01	-0.80	7.68	-13.60	0.60	-6.51	-10.03
633	32	812	1.39	1.96	-25.32	1.90	-25.26	-1.29	11.12	-9.61	1.93	-0.43	-10.30
		821	1.35	1.01	-25.29	1.00	-25.28	0.60	14.75	-6.60	4.66	3.49	-10.66
		822	1.34	0.57	-25.45	0.52	-25.40	1.18	8.85	-7.23	3.21	-1.59	-7.67
		813	1.38	0.83	-25.14	0.82	-25.13	-0.49	5.50	-10.09	0.44	-5.02	-7.30
633	37	812	1.19	1.11	-21.95	1.08	-21.92	-0.89	9.16	-8.15	1.71	-0.69	-8.57
		821	1.16	0.27	-22.09	0.21	-22.04	1.12	12.21	-5.51	4.06	2.64	-8.83
		822	1.17	0.13	-22.42	0.01	-22.30	1.65	7.22	-6.30	2.80	-1.88	-6.35
		813	1.19	0.26	-21.94	0.26	-21.94	-0.14	4.39	-8.70	0.44	-4.75	-6.01
634	8	813	1.99	0.88	-36.70	0.86	-36.68	-0.83	7.66	-13.62	0.61	-6.58	-10.02
		822	1.93	0.54	-37.02	0.50	-36.97	1.31	12.29	-9.72	4.42	-1.84	-10.55
		823	2.00	-0.12	-36.61	-0.16	-36.57	1.19	4.79	-14.01	1.57	-10.79	-7.08
		814	2.03	-0.41	-36.30	-0.42	-36.29	-0.59	0.90	-17.46	-1.69	-14.87	-6.39
634	32	813	1.47	0.46	-27.19	0.45	-27.18	-0.51	5.49	-10.11	0.44	-5.06	-7.29
		822	1.43	0.23	-27.49	0.18	-27.44	1.18	8.87	-7.27	3.22	-1.62	-7.70
		823	1.48	-0.19	-27.22	-0.23	-27.18	1.07	3.41	-10.49	1.11	-8.19	-5.17
		814	1.50	-0.43	-26.94	-0.43	-26.93	-0.34	0.59	-13.00	-1.26	-11.16	-4.65
634	37	813	1.28	-0.10	-23.99	-0.10	-23.98	-0.16	4.38	-8.72	0.44	-4.79	-6.01
		822	1.26	-0.21	-24.45	-0.33	-24.33	1.64	7.24	-6.33	2.79	-1.89	-6.37
		823	1.32	-0.40	-24.29	-0.49	-24.20	1.49	2.70	-9.31	0.93	-7.55	-4.26
		814	1.32	-0.73	-23.88	-0.73	-23.88	-0.03	0.33	-11.41	-1.05	-10.04	-3.78
635	8	814	2.15	-0.90	-38.95	-0.91	-38.94	-0.63	0.89	-17.48	-1.70	-14.90	-6.39
		823	2.12	-0.62	-39.24	-0.65	-39.21	1.18	4.77	-14.04	1.55	-10.82	-7.09
		824	2.18	-1.90	-38.35	-1.91	-38.34	0.50	-1.17	-22.27	-2.01	-21.44	-4.10
		815	2.20	-2.45	-38.27	-2.47	-38.24	-0.91	-3.78	-25.30	-4.30	-24.78	-3.32
635	32	814	1.59	-0.81	-28.97	-0.82	-28.97	-0.37	0.57	-13.02	-1.26	-11.18	-4.65
		823	1.58	-0.57	-29.24	-0.61	-29.20	1.06	3.40	-10.51	1.10	-8.20	-5.17
		824	1.62	-1.47	-28.59	-1.48	-28.58	0.53	-0.93	-16.58	-1.52	-15.98	-2.99
		815	1.64	-1.90	-28.49	-1.92	-28.48	-0.59	-2.82	-18.79	-3.19	-18.42	-2.41
635	37	814	1.42	-1.11	-25.91	-1.11	-25.91	-0.06	0.31	-11.43	-1.06	-10.05	-3.77
		823	1.41	-0.79	-26.31	-0.88	-26.22	1.48	2.69	-9.33	0.92	-7.56	-4.26
		824	1.45	-1.47	-25.76	-1.51	-25.72	0.93	-0.92	-14.66	-1.37	-14.22	-2.44
		815	1.46	-1.94	-25.56	-1.95	-25.56	-0.30	-2.49	-16.50	-2.76	-16.24	-1.90
636	8	815	2.32	-2.96	-40.91	-2.99	-40.88	-1.08	-3.81	-25.31	-4.32	-24.79	-3.29
		824	2.30	-2.42	-40.99	-2.43	-40.98	0.61	-1.21	-22.25	-2.05	-21.42	-4.10
		825	2.35	-4.55	-39.76	-4.56	-39.75	-0.51	-5.87	-33.69	-5.96	-33.60	-1.55
		816	2.38	-5.03	-39.92	-5.07	-39.88	-1.21	-7.04	-36.04	-7.07	-36.01	-0.94
636	32	815	1.73	-2.30	-30.53	-2.32	-30.51	-0.72	-2.84	-18.79	-3.20	-18.43	-2.39
		824	1.71	-1.87	-30.62	-1.88	-30.61	0.62	-0.96	-16.56	-1.55	-15.97	-2.99
		825	1.75	-3.43	-29.71	-3.43	-29.71	-0.24	-4.36	-24.96	-4.42	-24.90	-1.13
		816	1.77	-3.80	-29.81	-3.82	-29.78	-0.82	-5.20	-26.67	-5.23	-26.65	-0.68
636	37	815	1.55	-2.34	-27.59	-2.34	-27.59	-0.42	-2.51	-16.50	-2.77	-16.24	-1.89
		824	1.55	-1.87	-27.79	-1.91	-27.74	1.02	-0.95	-14.65	-1.40	-14.20	-2.43
		825	1.58	-3.19	-26.97	-3.19	-26.97	0.16	-3.84	-21.90	-3.88	-21.86	-0.90
		816	1.59	-3.57	-27.01	-3.58	-26.99	-0.53	-4.53	-23.28	-4.55	-23.27	-0.49
637	8	816	2.51	-5.43	-42.68	-5.61	-42.51	-2.56	-7.06	-36.08	-7.08	-36.05	-0.87
		825	2.47	-5.08	-42.40	-5.09	-42.38	0.79	-5.93	-33.63	-6.00	-33.56	-1.44
		826	2.55	-7.82	-41.19	-8.11	-40.91	-3.07	-9.66	-47.95	-9.66	-47.95	0.09
		817	2.56	-8.21	-41.29	-8.22	-41.28	0.57	-9.71	-48.40	-9.71	-48.40	0.15

637	32	816	1.87	-4.11	-31.93	-4.24	-31.81	-1.86	-5.22	-26.69	-5.24	-26.67	-0.63
		825	1.84	-3.82	-31.75	-3.84	-31.73	0.75	-4.40	-24.92	-4.45	-24.86	-1.05
		826	1.90	-5.87	-30.83	-6.07	-30.64	-2.22	-7.13	-35.40	-7.13	-35.40	0.06
		817	1.91	-6.14	-30.92	-6.15	-30.91	0.55	-7.17	-35.73	-7.17	-35.73	0.11
637	37	816	1.69	-3.89	-29.11	-3.99	-29.02	-1.57	-4.54	-23.30	-4.55	-23.29	-0.45
		825	1.67	-3.55	-29.05	-3.60	-28.99	1.16	-3.87	-21.87	-3.91	-21.83	-0.83
		826	1.72	-5.41	-28.17	-5.55	-28.03	-1.80	-6.22	-30.89	-6.22	-30.89	0.06
		817	1.72	-5.59	-28.28	-5.62	-28.25	0.85	-6.24	-31.08	-6.24	-31.08	0.11
638	7	819	4.78	41.90	-57.37	15.21	-30.69	-44.01	24.68	-12.07	13.69	-1.07	-16.83
		828	4.42	48.75	-45.21	31.76	-28.22	36.16	32.26	-14.16	16.24	1.86	-22.07
		827	3.28	18.32	-39.37	6.30	-27.35	-23.43	47.40	-21.02	13.15	13.22	-34.21
		818	2.62	18.72	-30.09	15.23	-26.59	12.58	39.77	-21.81	10.55	7.41	-30.75
638	31	819	3.49	30.52	-41.88	11.02	-22.38	-32.12	18.10	-8.90	10.02	-0.82	-12.37
		828	3.22	35.76	-32.54	23.70	-20.48	26.04	23.77	-10.46	11.84	1.47	-16.31
		827	2.38	13.00	-28.72	4.11	-19.84	-17.08	34.77	-15.37	9.55	9.86	-25.07
		818	1.90	13.60	-21.70	11.15	-19.26	8.97	29.13	-15.99	7.67	5.47	-22.53
638	37	819	2.92	25.28	-34.98	8.92	-18.62	-26.80	15.38	-7.73	8.46	-0.81	-10.59
		828	2.65	30.47	-25.68	21.48	-16.69	20.59	20.56	-9.17	9.83	1.57	-14.28
		827	1.95	9.66	-23.94	1.88	-16.15	-14.18	29.60	-12.92	7.79	8.89	-21.25
		818	1.54	11.14	-17.29	9.42	-15.57	6.78	24.64	-13.59	6.30	4.75	-19.10
639	7	818	2.34	12.49	-32.09	10.30	-29.90	-9.64	33.21	-16.44	9.79	6.97	-24.78
		827	2.02	10.78	-29.14	10.78	-29.14	-0.48	43.40	-13.88	13.32	16.20	-28.60
		829	1.70	2.46	-29.47	2.13	-29.14	-3.23	34.97	-5.49	11.83	17.65	-20.02
		820	1.71	5.97	-28.73	5.85	-28.61	-2.08	29.79	-11.76	7.92	10.11	-20.75
639	31	818	1.71	8.98	-23.45	7.33	-21.80	-7.13	24.26	-12.05	7.11	5.10	-18.13
		827	1.47	7.59	-21.21	7.59	-21.21	-0.41	31.86	-10.05	9.68	12.13	-20.92
		829	1.24	1.30	-21.52	1.09	-21.32	-2.14	25.32	-3.91	8.62	12.79	-14.47
		820	1.24	4.11	-20.96	4.01	-20.87	-1.51	21.68	-8.59	5.77	7.32	-15.12
639	37	818	1.42	7.06	-19.69	5.50	-18.14	-6.26	20.31	-10.23	5.79	4.29	-15.26
		827	1.20	5.45	-17.51	5.43	-17.50	-0.53	27.21	-8.16	7.93	11.12	-17.62
		829	1.01	-0.51	-18.00	-0.58	-17.93	-1.07	20.49	-2.97	7.12	10.40	-11.61
		820	1.01	2.60	-17.45	2.52	-17.37	-1.23	17.87	-7.21	4.75	5.90	-12.53
640	7	820	1.86	5.25	-31.86	4.77	-31.38	-4.23	28.59	-11.34	7.71	9.54	-19.94
		829	1.90	2.87	-32.07	2.85	-32.05	-0.72	35.49	-4.80	12.95	17.75	-20.00
		830	1.80	1.37	-32.70	1.36	-32.70	0.46	26.75	-1.85	12.88	12.01	-14.29
		821	1.70	2.62	-31.54	2.53	-31.45	-1.74	21.23	-8.27	6.57	6.40	-14.75
640	31	820	1.35	3.53	-23.35	3.18	-23.00	-3.05	20.76	-8.29	5.61	6.86	-14.51
		829	1.39	1.67	-23.56	1.67	-23.56	-0.31	25.77	-3.43	9.47	12.87	-14.50
		830	1.32	0.72	-24.17	0.70	-24.15	0.64	19.31	-1.50	9.39	8.42	-10.40
		821	1.24	1.65	-23.19	1.59	-23.14	-1.14	15.34	-6.13	4.80	4.42	-10.74
640	37	820	1.11	1.96	-19.80	1.68	-19.53	-2.44	16.97	-6.98	4.61	5.37	-11.97
		829	1.16	0.05	-20.19	0.04	-20.18	0.42	21.08	-2.63	7.96	10.49	-11.79
		830	1.14	-0.25	-21.19	-0.36	-21.08	1.50	15.45	-1.76	7.79	5.90	-8.56
		821	1.04	0.52	-19.90	0.50	-19.89	-0.55	12.32	-5.44	4.01	2.87	-8.86
641	7	821	1.81	2.18	-34.25	2.07	-34.14	-1.97	20.98	-8.33	6.54	6.11	-14.65
		830	1.94	1.17	-35.43	1.16	-35.42	0.68	27.19	-1.99	13.14	12.06	-14.58
		831	1.84	1.26	-35.21	1.25	-35.19	0.80	19.20	-4.06	11.12	4.02	-11.08
		822	1.83	1.25	-34.25	1.22	-34.22	-1.09	12.75	-8.77	4.73	-0.75	-10.40
641	31	821	1.33	1.31	-25.27	1.24	-25.21	-1.31	15.15	-6.19	4.77	4.19	-10.66
		830	1.43	0.57	-26.27	0.55	-26.25	0.79	19.67	-1.61	9.59	8.48	-10.63
		831	1.36	0.78	-26.16	0.75	-26.13	0.86	13.87	-3.26	8.05	2.56	-8.11
		822	1.35	0.73	-25.35	0.71	-25.33	-0.65	9.17	-6.62	3.43	-0.89	-7.60
641	37	821	1.13	0.17	-21.99	0.15	-21.96	-0.68	12.13	-5.52	3.96	2.65	-8.80
		830	1.24	-0.40	-23.28	-0.51	-23.17	1.60	15.86	-1.87	7.97	6.03	-8.81
		831	1.20	0.23	-23.35	0.12	-23.24	1.59	11.12	-3.70	6.48	0.93	-6.87
		822	1.18	7.60e-03	-22.29	7.46e-03	-22.29	-0.06	7.23	-6.28	2.78	-1.83	-6.35
642	8	822	1.95	0.50	-36.97	0.47	-36.95	-0.96	12.22	-9.71	4.33	-1.82	-10.52
		831	1.96	0.54	-38.03	0.51	-38.00	1.04	18.59	-5.22	10.42	2.95	-11.30
		832	2.02	0.44	-37.04	0.44	-37.04	0.40	10.62	-10.74	6.55	-6.67	-8.39
		823	2.02	-0.13	-36.62	-0.16	-36.59	-1.07	4.75	-13.98	1.54	-10.77	-7.06
642	32	822	1.45	0.18	-27.43	0.16	-27.42	-0.56	8.81	-7.26	3.16	-1.60	-7.67
		831	1.46	0.25	-28.31	0.21	-28.27	1.01	13.47	-4.03	7.58	1.86	-8.27
		832	1.50	0.25	-27.58	0.24	-27.57	0.50	7.66	-8.11	4.72	-5.17	-6.14
		823	1.50	-0.21	-27.21	-0.23	-27.19	-0.66	3.38	-10.47	1.09	-8.17	-5.15
642	37	822	1.27	-0.34	-24.32	-0.34	-24.32	-0.10	7.19	-6.32	2.74	-1.88	-6.34
		831	1.29	-0.14	-25.35	-0.24	-25.25	1.58	11.18	-3.69	6.48	1.00	-6.91
		832	1.34	0.04	-24.70	6.48e-04	-24.66	1.02	6.28	-7.35	3.94	-5.01	-5.13
		823	1.32	-0.49	-24.21	-0.49	-24.21	-0.25	2.68	-9.30	0.92	-7.54	-4.24
643	8	823	2.14	-0.62	-39.26	-0.65	-39.22	-1.12	4.72	-14.02	1.51	-10.81	-7.06
		832	2.14	-0.06	-39.66	-0.07	-39.65	0.40	10.59	-10.79	6.51	-6.71	-8.40
		833	2.18	-1.09	-38.29	-1.10	-38.28	-0.61	3.04	-19.52	1.47	-17.95	-5.74
		824	2.19	-1.83	-38.45	-1.91	-38.37	-1.73	-1.20	-22.25	-2.02	-21.43	-4.08
643	32	823	1.59	-0.59	-29.23	-0.61	-29.22	-0.70	3.36	-10.49	1.07	-8.19	-5.15
		832	1.59	-0.14	-29.59	-0.14	-29.58	0.50	7.63	-8.14	4.69	-5.20	-6.15
		833	1.62	-0.85	-28.56	-0.85	-28.56	-0.28	2.13	-14.56	1.00	-13.43	-4.19
		824	1.63	-1.43	-28.65	-1.48	-28.60	-1.18	-0.95	-16.56	-1.54	-15.97	-2.97
643	37	823	1.42	-0.87	-26.24	-0.88	-26.23	-0.28	2.66	-9.31	0.89	-7.55	-4.24

		832	1.43	-0.35	-26.71	-0.39	-26.67	1.02	6.26	-7.37	3.92	-5.03	-5.14
		833	1.46	-0.88	-25.77	-0.88	-25.77	0.22	1.62	-12.97	0.73	-12.08	-3.48
		824	1.46	-1.48	-25.77	-1.50	-25.74	-0.78	-0.94	-14.65	-1.38	-14.21	-2.42
644	8	824	2.31	-2.33	-41.10	-2.42	-41.00	-1.90	-1.24	-22.23	-2.07	-21.40	-4.07
		833	2.29	-1.60	-40.93	-1.61	-40.92	-0.49	3.01	-19.52	1.42	-17.93	-5.78
		834	2.32	-3.77	-39.41	-3.86	-39.31	-1.85	-3.81	-30.89	-4.16	-30.54	-3.07
		825	2.36	-4.41	-39.92	-4.56	-39.78	-2.29	-5.90	-33.71	-5.99	-33.63	-1.52
644	32	824	1.73	-1.82	-30.69	-1.88	-30.63	-1.31	-0.98	-16.54	-1.57	-15.96	-2.97
		833	1.71	-1.25	-30.59	-1.25	-30.59	-0.19	2.11	-14.56	0.96	-13.41	-4.22
		834	1.73	-2.84	-29.45	-2.89	-29.39	-1.24	-2.86	-22.91	-3.12	-22.66	-2.23
		825	1.76	-3.33	-29.82	-3.43	-29.72	-1.62	-4.38	-24.97	-4.44	-24.91	-1.10
644	37	824	1.55	-1.87	-27.80	-1.90	-27.77	-0.91	-0.97	-14.64	-1.41	-14.19	-2.42
		833	1.55	-1.27	-27.80	-1.27	-27.79	0.32	1.60	-12.97	0.70	-12.07	-3.50
		834	1.56	-2.64	-26.74	-2.66	-26.72	-0.72	-2.60	-20.21	-2.79	-20.01	-1.85
		825	1.59	-3.13	-27.05	-3.19	-26.99	-1.21	-3.86	-21.91	-3.90	-21.87	-0.88
645	8	825	2.49	-4.74	-42.76	-5.09	-42.41	-3.65	-5.96	-33.65	-6.03	-33.58	-1.40
		834	2.43	-4.39	-41.96	-4.39	-41.95	-0.55	-3.92	-30.62	-4.23	-30.30	-2.90
		835	2.51	-7.29	-40.78	-7.92	-40.15	-4.57	-9.36	-46.18	-9.37	-46.17	-0.22
		826	2.54	-8.10	-40.94	-8.11	-40.93	-0.67	-9.69	-48.09	-9.69	-48.09	0.10
645	32	825	1.86	-3.59	-32.00	-3.84	-31.75	-2.66	-4.42	-24.93	-4.47	-24.88	-1.02
		834	1.81	-3.30	-31.42	-3.30	-31.42	-0.24	-2.94	-22.72	-3.17	-22.49	-2.11
		835	1.87	-5.48	-30.52	-5.93	-30.07	-3.33	-6.92	-34.12	-6.92	-34.12	-0.16
		826	1.89	-6.07	-30.66	-6.07	-30.65	-0.37	-7.16	-35.51	-7.16	-35.51	0.08
645	37	825	1.69	-3.40	-29.21	-3.60	-29.01	-2.26	-3.89	-21.88	-3.93	-21.84	-0.81
		834	1.65	-3.07	-28.75	-3.07	-28.75	0.27	-2.66	-20.05	-2.84	-19.87	-1.75
		835	1.69	-5.07	-27.88	-5.42	-27.53	-2.81	-6.05	-29.85	-6.05	-29.85	-0.14
		826	1.71	-5.55	-28.05	-5.55	-28.05	0.05	-6.24	-30.97	-6.24	-30.97	0.07
646	7	828	4.99	43.96	-59.92	14.56	-30.52	-46.80	20.62	-16.74	13.47	-9.59	-14.69
		837	4.86	54.75	-41.51	41.90	-28.67	32.74	65.40	-16.65	29.79	18.96	-40.67
		836	3.21	13.36	-42.21	-1.61	-27.24	-24.65	48.14	-20.73	8.16	19.26	-33.98
		827	2.76	19.46	-28.59	16.94	-26.07	10.69	57.75	-20.25	17.57	19.92	-38.98
646	31	828	3.65	32.02	-43.87	10.41	-22.25	-34.25	14.97	-12.61	9.82	-7.46	-10.75
		837	3.56	40.33	-29.71	31.42	-20.80	23.34	49.19	-12.36	21.86	14.96	-30.58
		836	2.32	8.98	-30.92	-2.22	-19.72	-17.93	35.03	-14.85	5.78	14.40	-24.57
		827	2.00	14.09	-20.57	12.36	-18.84	7.55	42.73	-14.81	12.80	15.11	-28.74
646	37	828	3.06	26.52	-37.03	7.98	-18.49	-28.89	12.24	-11.81	8.13	-7.70	-9.05
		837	3.00	34.95	-22.98	28.92	-16.95	17.69	45.83	-11.09	18.63	16.11	-28.43
		836	1.87	5.12	-26.25	-5.22	-15.91	-14.75	28.93	-11.51	4.28	13.14	-19.73
		827	1.64	11.41	-16.24	10.28	-15.11	5.47	37.54	-12.46	10.62	14.46	-24.93
647	7	827	2.33	11.59	-31.78	8.30	-28.50	-11.48	37.43	-15.48	10.28	11.67	-26.45
		836	2.32	6.81	-31.41	6.81	-31.41	0.20	63.36	-6.01	20.43	36.92	-33.69
		838	1.91	-0.70	-32.89	-0.80	-32.78	-1.86	35.89	6.31	16.53	25.67	-14.06
		829	1.79	3.53	-29.16	3.46	-29.09	-1.56	39.25	-5.04	13.99	20.23	-21.92
647	31	827	1.69	8.17	-23.22	5.67	-20.73	-8.49	27.19	-11.30	7.31	8.58	-19.24
		836	1.69	4.36	-22.92	4.35	-22.92	0.21	47.10	-3.87	15.18	28.05	-24.66
		838	1.39	-1.17	-24.22	-1.21	-24.18	-0.94	25.53	4.78	11.97	18.35	-9.87
		829	1.30	2.16	-21.31	2.12	-21.26	-1.03	28.69	-3.53	10.29	14.87	-15.95
647	37	827	1.39	5.92	-19.48	3.49	-17.05	-7.47	22.28	-9.45	5.48	7.36	-15.83
		836	1.42	1.65	-19.11	1.64	-19.11	0.38	42.11	-1.63	13.53	26.95	-20.81
		838	1.16	-2.99	-21.02	-3.01	-21.01	0.55	19.17	4.56	9.68	14.04	-6.97
		829	1.07	0.48	-17.85	0.46	-17.84	-0.50	24.09	-2.48	8.87	12.74	-13.14
648	7	829	1.81	2.88	-31.96	2.41	-31.50	-3.99	34.18	-5.36	11.77	17.05	-19.59
		838	2.17	0.55	-36.61	0.53	-36.58	0.93	42.26	7.73	22.44	27.55	-17.07
		839	1.97	1.46	-36.33	1.46	-36.33	0.14	33.31	6.20	23.30	16.21	-13.08
		830	1.79	1.46	-32.80	1.41	-32.76	-1.19	27.68	-1.55	13.36	12.77	-14.61
648	31	829	1.32	1.63	-23.45	1.32	-23.13	-2.79	24.71	-3.84	8.56	12.32	-14.15
		838	1.60	-0.11	-27.14	-0.15	-27.10	1.08	30.71	5.77	16.53	19.95	-12.35
		839	1.46	0.82	-27.03	0.82	-27.02	0.45	24.04	4.11	16.86	11.29	-9.57
		830	1.31	0.76	-24.21	0.74	-24.20	-0.65	20.06	-1.26	9.79	9.01	-10.65
648	37	829	1.09	-0.14	-19.95	-0.33	-19.76	-1.92	19.86	-2.95	7.04	9.87	-11.32
		838	1.39	-1.64	-24.12	-1.85	-23.91	2.18	25.21	5.23	14.29	16.14	-9.95
		839	1.28	-0.02	-24.29	-0.11	-24.20	1.52	19.22	2.07	13.61	7.68	-8.05
		830	1.12	-0.32	-21.12	-0.32	-21.11	0.15	16.30	-1.47	8.31	6.51	-8.84
649	7	830	1.90	1.17	-35.38	1.10	-35.31	-1.64	26.84	-2.03	12.80	12.01	-14.43
		839	2.11	1.00	-38.95	1.00	-38.94	0.43	35.04	6.26	24.03	17.26	-13.99
		840	1.99	1.86	-36.89	1.85	-36.88	-0.50	28.65	0.65	21.01	8.29	-12.47
		831	1.87	1.30	-35.31	1.25	-35.26	-1.34	19.30	-4.00	11.14	4.16	-11.12
649	32	830	1.38	0.17	-26.26	0.15	-26.23	-0.81	18.77	-2.32	8.92	7.52	-10.52
		839	1.56	0.17	-29.30	0.14	-29.27	0.89	24.62	3.07	16.61	11.09	-10.41
		840	1.49	1.12	-27.71	1.12	-27.71	0.04	19.98	-0.81	14.29	4.87	-9.26
		831	1.39	0.58	-26.33	0.57	-26.31	-0.63	13.52	-3.97	7.62	1.92	-8.27
649	37	830	1.20	-0.57	-23.09	-0.57	-23.09	-0.15	15.55	-1.87	7.75	5.93	-8.67
		839	1.39	-0.37	-26.28	-0.47	-26.17	1.66	20.71	2.34	14.29	8.75	-8.76
		840	1.32	0.76	-24.78	0.73	-24.76	0.72	16.69	-1.22	12.02	3.45	-7.86
		831	1.22	0.12	-23.29	0.12	-23.29	-0.07	11.25	-3.67	6.55	1.04	-6.93
650	8	831	1.99	0.56	-38.07	0.52	-38.03	-1.19	18.44	-5.20	10.27	2.97	-11.24
		840	2.11	1.10	-39.78	1.10	-39.78	-0.23	27.74	-0.63	19.81	7.30	-12.73

		841	2.09	1.30	-37.26	1.26	-37.23	-1.19	19.29	-8.11	13.86	-2.68	-10.92
		832	2.05	0.55	-37.19	0.46	-37.10	-1.84	10.58	-10.70	6.52	-6.64	-8.36
650	32	831	1.48	0.24	-28.31	0.22	-28.30	-0.70	13.36	-4.02	7.47	1.87	-8.23
		840	1.57	0.70	-29.68	0.70	-29.68	0.07	20.15	-0.75	14.37	5.03	-9.35
		841	1.55	0.91	-27.76	0.89	-27.75	-0.69	13.95	-6.18	10.01	-2.24	-7.99
		832	1.52	0.31	-27.67	0.26	-27.62	-1.22	7.63	-8.08	4.70	-5.15	-6.12
650	37	831	1.31	-0.23	-25.28	-0.23	-25.28	-0.14	11.07	-3.69	6.38	1.00	-6.87
		840	1.40	0.33	-26.75	0.31	-26.73	0.74	16.88	-1.13	12.13	3.63	-7.94
		841	1.38	0.67	-24.93	0.67	-24.93	-0.08	11.57	-5.74	8.34	-2.51	-6.74
		832	1.36	0.04	-24.73	0.02	-24.71	-0.71	6.26	-7.33	3.93	-5.00	-5.12
651	8	832	2.17	0.05	-39.81	-0.04	-39.72	-1.88	10.51	-10.75	6.45	-6.69	-8.35
		841	2.20	0.78	-39.87	0.75	-39.84	-1.15	19.18	-8.22	13.73	-2.77	-10.93
		842	2.18	-0.03	-37.69	-0.16	-37.56	-2.17	9.34	-17.62	6.14	-14.42	-8.72
		833	2.21	-0.86	-38.56	-1.08	-38.34	-2.83	3.07	-19.50	1.52	-17.94	-5.71
651	32	832	1.61	-0.07	-29.68	-0.12	-29.63	-1.26	7.57	-8.11	4.65	-5.19	-6.11
		841	1.64	0.51	-29.77	0.50	-29.76	-0.67	13.88	-6.26	9.92	-2.30	-8.00
		842	1.62	-0.05	-28.10	-0.13	-28.03	-1.46	6.69	-13.14	4.39	-10.84	-6.36
		833	1.64	-0.69	-28.75	-0.84	-28.60	-2.00	2.15	-14.54	1.03	-13.43	-4.17
651	37	832	1.45	-0.35	-26.74	-0.37	-26.72	-0.74	6.20	-7.35	3.88	-5.03	-5.10
		841	1.47	0.27	-26.93	0.27	-26.93	-0.05	11.51	-5.80	8.28	-2.57	-6.74
		842	1.45	-0.13	-25.35	-0.16	-25.32	-0.85	5.41	-11.74	3.57	-9.90	-5.32
		833	1.47	-0.77	-25.90	-0.86	-25.81	-1.49	1.64	-12.95	0.76	-12.08	-3.46
652	8	833	2.33	-1.36	-41.21	-1.59	-40.98	-3.01	3.05	-19.49	1.48	-17.91	-5.75
		842	2.29	-0.53	-40.32	-0.63	-40.22	-2.04	9.27	-17.76	6.04	-14.53	-8.76
		843	2.27	-2.68	-38.53	-3.02	-38.18	-3.49	-0.28	-27.97	-1.61	-26.63	-5.93
		834	2.34	-3.49	-39.71	-3.86	-39.34	-3.64	-3.77	-30.88	-4.12	-30.53	-3.06
652	32	833	1.73	-1.08	-30.79	-1.23	-30.64	-2.13	2.14	-14.54	1.00	-13.40	-4.20
		842	1.71	-0.43	-30.13	-0.50	-30.07	-1.36	6.64	-13.25	4.32	-10.93	-6.38
		843	1.69	-2.02	-28.77	-2.25	-28.54	-2.47	-0.31	-20.77	-1.26	-19.82	-4.31
		834	1.75	-2.63	-29.67	-2.89	-29.41	-2.62	-2.83	-22.91	-3.08	-22.66	-2.23
652	37	833	1.56	-1.16	-27.94	-1.26	-27.84	-1.62	1.63	-12.95	0.74	-12.06	-3.49
		842	1.54	-0.51	-27.38	-0.53	-27.36	-0.75	5.37	-11.84	3.51	-9.98	-5.34
		843	1.53	-1.88	-26.08	-2.02	-25.94	-1.85	-0.47	-18.42	-1.23	-17.66	-3.61
		834	1.57	-2.47	-26.92	-2.66	-26.74	-2.10	-2.57	-20.20	-2.76	-20.01	-1.85
653	8	834	2.48	-3.74	-42.64	-4.39	-41.99	-5.00	-3.89	-30.57	-4.21	-30.26	-2.89
		843	2.36	-3.44	-40.94	-3.57	-40.81	-2.20	-0.34	-27.46	-1.65	-26.16	-5.80
		844	2.41	-6.38	-39.97	-7.62	-38.73	-6.33	-8.26	-40.72	-8.30	-40.68	-1.10
		835	2.49	-7.78	-40.31	-7.92	-40.16	-2.17	-9.43	-46.44	-9.43	-46.44	-0.19
653	32	834	1.85	-2.83	-31.92	-3.30	-31.45	-3.66	-2.92	-22.68	-3.15	-22.46	-2.10
		843	1.77	-2.58	-30.64	-2.66	-30.56	-1.48	-0.35	-20.41	-1.29	-19.47	-4.22
		844	1.79	-4.80	-29.89	-5.70	-28.99	-4.66	-6.11	-30.14	-6.14	-30.12	-0.80
		835	1.86	-5.84	-30.17	-5.93	-30.08	-1.49	-6.96	-34.31	-6.96	-34.31	-0.14
653	37	834	1.68	-2.68	-29.16	-3.06	-28.78	-3.15	-2.64	-20.01	-2.82	-19.84	-1.74
		843	1.60	-2.41	-27.99	-2.43	-27.97	-0.85	-0.51	-18.11	-1.25	-17.37	-3.55
		844	1.62	-4.46	-27.25	-5.20	-26.51	-4.03	-5.37	-26.51	-5.40	-26.49	-0.68
		835	1.68	-5.38	-27.58	-5.42	-27.54	-0.97	-6.09	-30.01	-6.09	-30.01	-0.12
654	8	837	5.36	52.96	-60.51	14.58	-22.14	-53.68	-1.80	-110.98	-8.02	-104.76	25.31
		846	9.44	63.03	-55.03	52.44	-44.44	33.74	314.83	-35.84	75.44	203.55	-163.22
		845	2.65	2.24	-48.61	-19.16	-27.22	-25.10	-4.05	-52.19	-52.08	-4.16	2.32
654	32	836	3.98	16.42	-34.32	13.61	-31.51	11.61	142.72	-8.80	55.78	78.14	-74.93
		837	3.98	38.84	-44.32	10.30	-15.78	-39.48	-1.66	-86.26	-6.77	-81.15	20.15
		846	7.08	46.54	-40.11	39.31	-32.88	23.96	243.55	-26.22	58.43	158.90	-125.18
		845	1.91	0.26	-35.90	-15.99	-19.65	-17.99	-4.28	-40.60	-39.93	-4.95	4.89
		836	2.96	11.71	-25.00	9.71	-22.99	8.34	108.60	-5.93	41.93	60.73	-56.49
654	37	837	3.51	33.06	-37.05	8.01	-12.00	-33.60	-2.25	-86.44	-8.09	-80.59	21.40
		846	6.45	40.24	-33.72	35.30	-28.79	18.46	241.23	-22.27	58.05	160.91	-121.30
		845	1.64	-2.99	-31.11	-18.29	-15.80	-14.00	-3.95	-42.89	-38.22	-8.62	12.65
		836	2.63	9.00	-20.85	7.44	-19.29	6.65	103.35	-3.56	38.64	61.16	-52.25
655	8	836	2.14	8.67	-30.77	2.74	-24.85	-14.09	30.43	-20.27	-3.12	13.28	-23.99
		845	4.17	-2.88	-53.05	-6.21	-49.73	12.49	117.78	24.93	37.18	105.53	-31.42
		847	2.51	3.43	-48.00	3.19	-47.76	-3.46	23.69	8.74	21.79	10.63	4.97
		838	2.26	-1.72	-34.95	-2.02	-34.65	3.15	55.85	13.33	29.73	39.45	-20.70
655	32	836	1.54	5.85	-22.46	1.32	-17.93	-10.37	21.13	-14.75	-3.21	9.58	-16.76
		845	3.12	-2.85	-39.83	-5.70	-36.98	9.86	89.33	20.40	29.55	80.18	-23.39
		847	1.88	2.15	-35.90	2.04	-35.79	-2.07	16.57	4.30	14.86	6.01	4.25
		838	1.67	-1.72	-25.87	-2.02	-25.57	2.68	41.55	10.42	22.63	29.34	-15.20
655	37	836	1.22	3.73	-18.76	-0.57	-14.46	-8.84	15.34	-12.22	-4.98	8.10	-12.12
		845	2.86	-4.06	-36.66	-7.80	-32.92	10.40	84.44	23.55	31.68	76.32	-20.71
		847	1.73	1.11	-32.46	1.10	-32.45	-0.48	12.94	-1.49	10.49	0.96	5.42
		838	1.47	-2.54	-22.76	-3.10	-22.21	3.30	37.29	11.03	21.75	26.56	-12.91
656	8	838	2.03	-0.22	-36.21	-0.33	-36.10	-1.99	34.48	6.16	17.59	23.05	-13.89
		847	2.75	-0.05	-50.08	-0.07	-50.05	1.02	47.63	21.48	38.43	30.68	-12.49
		848	2.38	3.01	-43.11	2.78	-42.88	-3.30	40.69	10.79	35.16	16.32	-11.61
		839	1.98	0.79	-37.17	0.77	-37.16	-0.79	36.03	4.58	24.67	15.94	-15.10
656	32	838	1.49	-0.67	-26.78	-0.72	-26.73	-1.15	24.68	4.69	12.85	16.52	-9.83
		847	2.05	-0.40	-37.52	-0.43	-37.48	1.20	35.08	15.30	28.28	22.09	-9.39
		848	1.77	2.08	-32.19	1.94	-32.05	-2.18	29.17	7.28	25.10	11.35	-8.52

		839	1.46	0.36	-27.62	0.35	-27.62	-0.32	26.40	3.06	18.15	11.31	-11.16
656	37	838	1.28	-1.81	-23.47	-1.81	-23.47	-0.15	19.73	4.90	11.12	13.51	-7.32
		847	1.84	-1.15	-34.17	-1.31	-34.02	2.27	30.80	12.57	25.12	18.25	-8.44
		848	1.57	1.51	-28.97	1.47	-28.92	-1.18	23.61	4.97	20.23	8.35	-7.19
		839	1.29	-0.22	-24.52	-0.23	-24.52	0.41	22.71	2.25	15.98	8.97	-9.61
657	8	839	2.09	0.73	-39.50	0.67	-39.45	-1.47	33.02	4.45	21.98	15.49	-13.91
		848	2.47	1.88	-45.50	1.72	-45.34	-2.72	44.91	11.33	38.45	17.80	-13.24
		849	2.29	2.84	-39.00	2.46	-38.62	-3.98	41.64	3.30	34.41	10.54	-15.00
		840	2.05	1.81	-37.56	1.66	-37.41	-2.39	28.03	-0.92	19.91	7.20	-13.01
657	32	839	1.54	0.28	-29.40	0.26	-29.38	-0.84	23.96	2.98	16.00	10.94	-10.18
		848	1.84	1.22	-34.03	1.14	-33.94	-1.76	32.60	7.77	27.79	12.57	-9.81
		849	1.69	2.03	-29.07	1.78	-28.82	-2.78	30.17	2.11	24.86	7.41	-10.99
		840	1.52	1.22	-27.94	1.14	-27.86	-1.59	20.38	-0.99	14.44	4.95	-9.57
657	37	839	1.36	-0.36	-26.29	-0.36	-26.29	-0.05	20.00	2.22	13.69	8.53	-8.50
		848	1.64	0.68	-30.81	0.66	-30.79	-0.81	27.41	5.61	23.27	9.76	-8.55
		849	1.50	1.61	-26.07	1.47	-25.93	-1.95	25.13	1.19	20.65	5.67	-9.34
		840	1.35	0.79	-24.94	0.76	-24.90	-0.94	17.14	-1.39	12.22	3.54	-8.18
658	8	840	2.16	1.34	-40.08	1.20	-39.94	-2.46	27.64	-0.79	19.48	7.37	-12.87
		849	2.39	2.20	-41.57	1.85	-41.23	-3.88	41.89	3.19	34.63	10.45	-15.11
		850	2.19	2.21	-36.47	1.75	-36.02	-4.15	32.30	-6.88	24.52	0.90	-15.63
		841	2.14	1.62	-37.65	1.32	-37.35	-3.43	19.36	-8.23	13.79	-2.66	-11.07
658	32	840	1.60	0.86	-29.89	0.77	-29.80	-1.65	20.07	-0.88	14.11	5.08	-9.45
		849	1.77	1.54	-31.05	1.31	-30.83	-2.71	30.40	2.03	25.07	7.35	-11.07
		850	1.63	1.59	-27.17	1.29	-26.86	-2.95	23.43	-5.23	17.78	0.42	-11.40
		841	1.59	1.14	-28.04	0.94	-27.84	-2.42	14.00	-6.27	9.96	-2.22	-8.10
658	37	840	1.43	0.41	-26.88	0.38	-26.85	-0.98	16.79	-1.24	11.88	3.66	-8.03
		849	1.58	1.12	-28.06	1.00	-27.94	-1.89	25.45	1.13	20.96	5.62	-9.43
		850	1.44	1.30	-24.37	1.11	-24.18	-2.22	19.56	-4.87	14.88	-0.19	-9.61
		841	1.42	0.84	-25.14	0.72	-25.01	-1.81	11.61	-5.81	8.30	-2.50	-6.84
659	8	841	2.25	1.10	-40.25	0.81	-39.96	-3.44	19.19	-8.31	13.61	-2.73	-11.06
		850	2.30	1.65	-39.08	1.24	-38.66	-4.09	31.98	-7.14	24.12	0.72	-15.67
		851	2.14	0.96	-35.65	0.46	-35.15	-4.23	17.46	-17.39	10.70	-10.63	-13.78
		842	2.23	0.42	-38.18	-0.08	-37.67	-4.40	9.56	-17.72	6.31	-14.47	-8.84
659	32	841	1.67	0.74	-30.04	0.55	-29.85	-2.43	13.88	-6.33	9.83	-2.27	-8.09
		850	1.71	1.17	-29.17	0.89	-28.89	-2.91	23.19	-5.43	17.49	0.28	-11.44
		851	1.59	0.69	-26.55	0.35	-26.21	-3.03	12.59	-12.93	7.72	-8.06	-10.03
		842	1.66	0.28	-28.46	-0.07	-28.11	-3.18	6.85	-13.21	4.51	-10.87	-6.44
659	37	841	1.50	0.44	-27.14	0.32	-27.02	-1.82	11.50	-5.85	8.18	-2.54	-6.82
		850	1.52	0.88	-26.39	0.71	-26.21	-2.17	19.37	-5.04	14.64	-0.32	-9.64
		851	1.42	0.55	-23.88	0.32	-23.65	-2.34	10.33	-11.48	6.37	-7.52	-8.41
		842	1.49	0.15	-25.65	-0.11	-25.39	-2.57	5.54	-11.80	3.67	-9.92	-5.38
660	8	842	2.36	-0.06	-40.90	-0.59	-40.38	-4.59	9.54	-17.87	6.27	-14.61	-8.88
		851	2.25	0.52	-38.24	0.11	-37.83	-4.00	16.84	-17.64	10.18	-10.98	-13.61
		852	2.19	-1.27	-36.71	-2.06	-35.92	-5.24	3.09	-25.76	-0.53	-22.14	-9.56
		843	2.31	-2.23	-38.96	-3.02	-38.18	-5.30	0.21	-28.02	-1.22	-26.59	-6.19
660	32	842	1.76	-0.09	-30.56	-0.46	-30.19	-3.32	6.83	-13.33	4.48	-10.98	-6.47
		851	1.68	0.36	-28.55	0.07	-28.27	-2.85	12.14	-13.12	7.34	-8.32	-9.91
		852	1.63	-0.96	-27.36	-1.51	-26.80	-3.79	2.10	-19.14	-0.48	-16.56	-6.95
		843	1.72	-1.68	-29.09	-2.24	-28.54	-3.87	0.05	-20.81	-0.97	-19.79	-4.50
660	37	842	1.58	-0.22	-27.74	-0.49	-27.47	-2.71	5.53	-11.91	3.65	-10.02	-5.41
		851	1.51	0.22	-25.89	0.03	-25.71	-2.17	9.93	-11.65	6.04	-7.76	-8.30
		852	1.46	-0.91	-24.68	-1.31	-24.27	-3.09	1.47	-17.04	-0.60	-14.97	-5.83
		843	1.55	-1.59	-26.37	-2.02	-25.94	-3.24	-0.16	-18.44	-0.98	-17.63	-3.77
661	8	843	2.46	-2.42	-42.11	-3.57	-40.95	-6.68	0.17	-27.25	-1.23	-25.85	-6.04
		852	2.27	-2.21	-38.85	-2.65	-38.41	-3.99	3.26	-26.04	-0.37	-22.40	-9.66
		853	2.21	-5.08	-38.86	-7.21	-36.73	-8.21	-5.48	-28.37	-5.81	-28.04	-2.71
		844	2.36	-7.10	-39.11	-7.60	-38.61	-3.97	-8.27	-40.94	-8.31	-40.90	-1.13
661	32	843	1.83	-1.83	-31.50	-2.67	-30.66	-4.92	0.03	-20.25	-0.98	-19.25	-4.40
		852	1.69	-1.66	-29.02	-1.96	-28.72	-2.84	2.23	-19.36	-0.36	-16.76	-7.03
		853	1.65	-3.82	-29.00	-5.38	-27.43	-6.08	-4.09	-21.14	-4.32	-20.90	-1.97
		844	1.76	-5.34	-29.25	-5.69	-28.91	-2.84	-6.12	-30.30	-6.15	-30.28	-0.83
661	37	843	1.66	-1.74	-28.76	-2.44	-28.06	-4.29	-0.18	-17.97	-0.98	-17.16	-3.69
		852	1.53	-1.56	-26.40	-1.74	-26.21	-2.12	1.59	-17.25	-0.50	-15.17	-5.91
		853	1.49	-3.54	-26.31	-4.88	-24.97	-5.37	-3.66	-18.86	-3.85	-18.67	-1.70
		844	1.59	-4.96	-26.67	-5.19	-26.44	-2.21	-5.38	-26.65	-5.40	-26.63	-0.70
662	21	846	26.37	175.20	-31.77	42.69	100.73	-99.33	-62.32	-1263.13	-123.66	-1201.79	264.37
		36	63.02	44.66	-329.04	-15.99	-268.38	137.79	2792.25	-459.37	-204.51	2537.39	-873.94
		70	15.63	31.07	-129.33	10.25	-108.51	-53.90	231.23	-734.88	72.19	-575.84	358.27
		845	15.83	6.37	-115.28	-48.79	-60.12	60.56	729.08	59.57	165.86	622.79	-244.67
662	35	846	20.15	133.10	-23.47	32.20	77.43	-74.94	-48.77	-965.99	-97.14	-917.62	205.00
		36	47.99	32.90	-250.08	-12.93	-204.26	104.25	2136.08	-337.88	-139.65	1937.84	-671.67
		70	11.91	22.89	-97.63	7.44	-82.18	-40.29	171.26	-565.99	47.67	-442.41	275.39
		845	12.07	4.72	-87.65	-37.52	-45.41	46.02	558.16	48.04	129.93	476.27	-187.26
662	37	846	18.04	124.43	-19.99	34.41	70.02	-69.98	-34.94	-863.63	-70.22	-828.35	167.31
		36	44.31	34.30	-237.86	-12.47	-191.09	102.66	1905.99	-387.56	-230.35	1748.78	-579.53
		70	11.09	31.78	-92.00	15.50	-75.72	-41.83	200.55	-479.00	99.35	-377.80	241.93
		845	11.07	4.58	-83.31	-33.79	-44.95	43.59	496.54	30.80	98.85	428.49	-164.51

663	22	845	2.88	-1.10	-47.87	-1.23	-47.75	2.41	43.88	-36.18	-13.75	21.46	35.95
		70	7.98	-1.44	-107.56	-1.52	-107.49	-2.86	163.36	-28.87	-27.46	161.95	-16.43
		73	3.89	9.05	-65.74	4.88	-61.57	-17.16	20.88	-13.70	20.88	-13.70	-0.40
		847	2.65	-3.07	-49.82	-3.34	-49.54	3.58	76.05	7.98	62.26	21.78	-27.36
663	36	845	2.13	-1.34	-35.94	-1.50	-35.78	2.33	33.16	-29.52	-11.04	14.68	28.58
		70	6.03	-1.32	-81.44	-1.37	-81.39	-1.99	124.47	-21.03	-19.63	123.08	-14.17
		73	2.91	6.55	-49.36	3.50	-46.31	-12.70	13.03	-11.71	13.03	-11.71	0.20
		847	2.00	-2.41	-37.48	-2.66	-37.24	2.90	58.26	5.64	47.60	16.31	-21.15
663	37	845	2.05	0.26	-33.43	0.13	-33.30	2.04	33.77	-25.48	-8.38	16.67	26.85
		70	5.58	-0.90	-75.20	-0.94	-75.16	-1.73	117.23	-13.48	-12.60	116.34	-10.72
		73	2.74	6.87	-45.57	4.07	-42.76	-11.80	19.20	-8.44	19.20	-8.44	-0.14
		847	1.86	-2.16	-34.71	-2.38	-34.50	2.64	55.38	7.94	46.53	16.79	-18.48
664	8	847	2.91	2.58	-52.03	2.47	-51.92	-2.43	41.05	22.03	31.39	31.69	-9.51
		73	3.69	4.79	-68.15	2.12	-65.48	-13.69	38.74	21.93	36.28	24.39	5.95
		75	3.05	6.47	-49.21	3.28	-46.02	-12.95	63.78	16.82	62.24	18.37	-8.38
		848	2.54	2.63	-43.86	2.12	-43.35	-4.85	46.82	6.72	40.44	13.10	-14.66
664	32	847	2.17	1.51	-39.01	1.46	-38.96	-1.38	29.42	15.51	22.33	22.61	-6.96
		73	2.76	3.36	-51.21	1.43	-49.28	-10.07	26.56	15.20	24.65	17.11	4.25
		75	2.26	4.70	-36.73	2.37	-34.41	-9.54	45.54	11.84	44.41	12.97	-6.07
		848	1.89	1.83	-32.75	1.49	-32.41	-3.42	34.12	4.31	29.38	9.06	-10.91
664	37	847	1.94	0.43	-35.54	0.43	-35.54	-0.11	23.72	12.36	17.99	18.09	-5.68
		73	2.50	2.50	-46.87	0.96	-45.33	-8.59	19.19	11.18	17.37	13.00	3.36
		75	1.99	3.89	-32.99	1.98	-31.08	-8.18	36.48	9.03	35.51	10.00	-5.06
		848	1.69	1.32	-29.48	1.11	-29.27	-2.53	29.11	2.42	24.97	6.55	-9.66
665	8	848	2.59	2.80	-46.55	2.26	-46.01	-5.14	46.21	9.48	37.75	17.94	-15.46
		75	3.07	4.99	-51.86	2.05	-48.92	-12.60	60.86	17.16	60.42	17.60	-4.37
		77	2.64	4.79	-39.78	1.99	-36.99	-10.80	62.83	9.55	60.09	12.29	-11.76
		849	2.42	3.38	-39.74	2.47	-38.83	-6.21	44.88	-0.46	35.00	9.43	-18.72
665	32	848	1.92	1.90	-34.81	1.54	-34.45	-3.62	33.41	6.42	27.13	12.70	-11.40
		75	2.28	3.60	-38.79	1.46	-36.66	-9.28	43.59	12.11	43.29	12.41	-3.09
		77	1.96	3.50	-29.64	1.46	-27.60	-7.97	45.65	6.78	43.67	8.76	-8.53
		849	1.80	2.44	-29.62	1.79	-28.98	-4.50	32.54	-0.62	25.33	6.60	-13.68
665	37	848	1.71	1.26	-31.52	1.04	-31.30	-2.66	27.75	4.49	22.32	9.92	-9.84
		75	2.03	2.91	-35.11	1.16	-33.36	-7.96	35.35	9.32	35.12	9.55	-2.42
		77	1.73	2.96	-26.53	1.27	-24.84	-6.84	38.31	5.31	36.70	6.92	-7.11
		849	1.59	1.98	-26.57	1.49	-26.08	-3.69	27.19	-1.08	21.15	4.95	-11.58
666	8	849	2.52	2.88	-42.36	2.02	-41.49	-6.20	45.16	-0.45	34.74	9.97	-19.15
		77	2.72	4.03	-42.39	1.38	-39.74	-10.77	61.78	9.42	59.21	11.99	-11.31
		79	2.27	3.19	-34.04	0.97	-31.82	-8.81	46.12	-2.03	40.72	3.37	-15.20
		850	2.34	2.88	-37.21	1.82	-36.15	-6.43	36.58	-11.35	24.57	0.67	-20.77
666	32	849	1.87	2.05	-31.64	1.44	-31.02	-4.49	32.73	-0.61	25.12	7.01	-14.00
		77	2.02	2.92	-31.65	0.99	-29.72	-7.94	44.87	6.67	43.02	8.51	-8.19
		79	1.68	2.34	-25.33	0.72	-23.71	-6.50	33.64	-1.65	29.74	2.25	-11.06
		850	1.73	2.10	-27.72	1.34	-26.96	-4.71	26.54	-8.47	17.82	0.24	-15.14
666	37	849	1.67	1.57	-28.58	1.12	-28.13	-3.67	27.32	-1.06	20.92	5.35	-11.87
		77	1.79	2.39	-28.56	0.81	-26.97	-6.82	37.63	5.19	36.15	6.67	-6.79
		79	1.49	1.98	-22.66	0.65	-21.33	-5.58	28.48	-1.79	25.27	1.42	-9.32
		850	1.54	1.76	-24.87	1.15	-24.26	-3.97	22.14	-7.57	14.91	-0.34	-12.75
667	8	850	2.44	2.31	-39.78	1.31	-38.78	-6.41	36.33	-11.69	24.09	0.55	-20.92
		79	2.36	2.49	-36.60	0.41	-34.51	-8.78	45.37	-2.12	39.87	3.38	-15.20
		81	1.94	1.39	-31.04	-0.14	-29.51	-6.87	21.04	-14.47	13.27	-6.71	-14.68
		851	2.27	1.68	-36.41	0.56	-35.29	-6.44	21.48	-21.26	10.41	-10.20	-18.72
667	32	850	1.81	1.66	-29.70	0.94	-28.98	-4.69	26.35	-8.73	17.46	0.15	-15.26
		79	1.75	1.81	-27.30	0.29	-25.79	-6.47	33.07	-1.71	29.10	2.26	-11.06
		81	1.44	1.02	-23.08	-0.09	-21.96	-5.06	15.27	-10.78	9.66	-5.17	-10.71
		851	1.69	1.23	-27.13	0.42	-26.31	-4.73	15.50	-15.73	7.50	-7.74	-13.63
667	37	850	1.61	1.32	-26.86	0.76	-26.29	-3.95	21.98	-7.80	14.60	-0.43	-12.86
		79	1.56	1.46	-24.64	0.22	-23.40	-5.55	27.97	-1.85	24.71	1.42	-9.31
		81	1.28	0.86	-20.64	-0.04	-19.74	-4.33	12.73	-9.67	8.11	-5.06	-9.06
		851	1.50	1.05	-24.40	0.38	-23.74	-4.05	12.74	-13.81	6.19	-7.25	-11.45
668	7	851	2.38	1.13	-38.95	0.04	-37.87	-6.51	21.66	-21.58	10.18	-10.10	-19.09
		81	2.03	0.66	-33.52	-0.66	-32.20	-6.59	21.15	-14.35	12.83	-6.04	-15.03
		83	1.80	-0.58	-31.38	-1.56	-30.40	-5.42	-4.49	-23.24	-11.16	-16.57	-8.98
		852	2.29	-0.33	-37.67	-1.68	-36.32	-6.96	5.83	-26.84	-0.12	-20.89	-12.61
668	31	851	1.77	0.81	-29.09	0.03	-28.30	-4.78	15.56	-15.98	7.29	-7.71	-13.87
		81	1.51	0.47	-24.99	-0.49	-24.02	-4.86	15.30	-10.69	9.31	-4.70	-10.94
		83	1.34	-0.42	-23.29	-1.14	-22.57	-3.99	-3.58	-17.28	-8.32	-12.54	-6.52
		852	1.70	-0.25	-28.08	-1.23	-27.10	-5.12	4.04	-19.90	-0.19	-15.67	-9.14
668	37	851	1.58	0.64	-26.40	0.01	-25.76	-4.09	12.17	-14.06	5.61	-7.50	-11.36
		81	1.35	0.35	-22.54	-0.45	-21.74	-4.22	12.32	-9.62	7.59	-4.89	-9.03
		83	1.19	-0.32	-20.66	-0.93	-20.06	-3.46	-3.93	-15.48	-7.49	-11.92	-5.33
		852	1.53	-0.23	-25.31	-1.03	-24.51	-4.41	2.69	-17.64	-0.51	-14.44	-7.41
669	7	852	2.52	-0.68	-42.18	-2.76	-40.10	-9.05	6.87	-26.65	1.18	-20.96	-12.58
		83	1.87	-0.63	-32.41	-1.03	-32.02	-3.52	-9.63	-26.40	-14.91	-21.12	-7.79
		35	2.13	-4.66	-41.96	-7.07	-39.55	-9.17	-5.95	-12.17	-5.95	-12.17	0.02
		853	2.04	-5.94	-36.24	-7.25	-34.93	-6.17	-3.76	-25.73	-4.46	-25.03	-3.86
669	31	852	1.88	-0.51	-31.49	-2.03	-29.97	-6.70	4.81	-19.77	0.76	-15.72	-9.12

		83	1.39	-0.47	-24.12	-0.75	-23.84	-2.55	-7.34	-19.62	-11.08	-15.89	-5.65
		35	1.58	-3.45	-31.13	-5.25	-29.33	-6.83	-4.47	-9.44	-4.47	-9.44	0.05
		853	1.52	-4.47	-27.04	-5.41	-26.10	-4.51	-2.85	-19.25	-3.35	-18.75	-2.81
669	37	852	1.69	-0.46	-28.58	-1.76	-27.28	-5.91	3.38	-17.56	0.32	-14.50	-7.40
		83	1.25	-0.42	-21.62	-0.63	-21.41	-2.09	-7.13	-17.55	-9.90	-14.78	-4.60
		35	1.42	-3.01	-27.59	-4.65	-25.95	-6.13	-4.15	-9.68	-4.15	-9.68	0.15
		853	1.38	-4.15	-24.48	-4.88	-23.76	-3.76	-2.73	-17.60	-3.10	-17.23	-2.32
670	8	150	93.18	201.28	-63.00	-61.55	199.82	19.56	-262.72	-5800.15	-5627.70	-435.16	961.86
		869	58.80	70.68	16.05	49.69	37.03	-26.57	3194.06	-897.88	1401.04	895.14	-2030.27
		865	15.57	38.38	-62.00	6.73	-30.36	46.64	564.62	-559.53	-534.53	539.62	165.77
		38	153.47	258.82	24.31	113.15	169.98	-113.76	9742.27	503.72	6755.08	3490.91	-4321.34
670	32	150	69.38	150.39	-46.99	-45.91	149.31	14.54	-196.80	-4318.53	-4187.28	-328.06	723.71
		869	43.80	52.95	11.90	37.08	27.78	-19.99	2388.05	-653.52	1052.40	682.13	-1509.47
		865	11.72	28.62	-46.03	5.09	-22.50	34.68	425.53	-423.45	-403.39	405.47	128.96
		38	114.68	193.45	17.66	84.22	126.89	-85.27	7294.57	412.08	5053.54	2653.12	-3225.16
670	37	150	61.48	134.16	-41.94	-41.00	133.22	12.84	-174.37	-3825.07	-3704.32	-295.12	652.88
		869	38.86	47.75	10.40	33.07	25.08	-18.24	2131.92	-555.55	947.80	628.57	-1334.22
		865	10.59	25.41	-40.68	4.69	-19.96	30.66	386.68	-384.62	-364.67	366.73	122.44
		38	102.33	173.32	14.99	74.93	113.38	-76.80	6528.93	422.19	4518.95	2432.17	-2869.57
671	8	141	22.79	105.11	3.51	6.94	101.68	18.33	-226.27	-1519.04	-1478.10	-267.22	-226.40
		870	26.93	36.62	2.83	2.83	36.62	0.01	842.27	-1205.84	-164.39	-199.17	-1023.91
		869	20.63	43.54	11.03	12.90	41.67	-7.56	594.85	-917.89	-335.03	11.99	-736.20
		150	26.37	159.10	-2.42	0.32	156.36	20.88	763.34	-1155.05	-507.58	115.87	-907.13
671	32	141	16.92	78.33	2.63	5.17	75.80	13.62	-167.94	-1127.48	-1097.06	-198.35	-168.11
		870	20.02	27.50	2.11	2.11	27.50	-0.15	630.06	-893.94	-117.98	-145.91	-761.87
		869	15.27	32.73	8.19	9.65	31.28	-5.80	444.16	-674.12	-245.48	15.52	-543.70
		150	19.63	118.80	-1.79	0.23	116.78	15.48	575.23	-851.97	-369.86	93.12	-675.01
671	37	141	14.90	69.50	2.36	4.57	67.30	11.96	-147.42	-991.75	-964.86	-174.31	-148.26
		870	17.69	24.83	1.87	1.88	24.82	-0.49	563.61	-785.66	-96.75	-125.30	-674.48
		869	13.41	29.65	7.16	8.62	28.20	-5.53	396.34	-582.21	-210.33	24.46	-474.99
		150	17.40	105.90	-1.54	0.19	104.17	13.53	521.61	-740.88	-312.87	93.60	-597.64
672	8	132	12.18	76.43	-0.55	1.79	74.09	13.22	-56.97	-784.75	-686.47	-155.24	-248.72
		871	18.92	22.48	-1.48	-1.48	22.48	-0.15	387.87	-1017.52	-380.19	-249.47	-699.65
		870	22.61	35.74	2.77	2.85	35.66	-1.69	515.92	-1170.79	-422.02	-232.85	-838.03
		141	17.42	107.47	-1.27	2.43	103.77	19.70	-5.22	-1101.90	-917.03	-190.09	-410.56
672	32	132	9.02	56.79	-0.42	1.32	55.05	9.81	-41.02	-580.60	-506.93	-114.69	-185.27
		871	14.07	16.92	-1.11	-1.11	16.92	-0.26	290.87	-756.02	-280.30	-184.85	-521.27
		870	16.81	26.86	2.05	2.13	26.78	-1.42	386.03	-867.74	-310.78	-170.92	-622.97
		141	12.93	80.09	-0.93	1.80	77.36	14.63	-1.88	-816.26	-678.20	-139.94	-305.57
672	37	132	7.90	50.01	-0.37	1.14	48.50	8.58	-33.60	-507.24	-440.96	-99.87	-164.31
		871	12.49	15.36	-1.01	-1.00	15.34	-0.56	261.67	-667.07	-243.19	-162.21	-462.60
		870	14.87	24.31	1.78	1.90	24.20	-1.61	345.72	-762.20	-269.11	-147.37	-550.61
		141	11.37	71.09	-0.79	1.58	68.71	12.85	2.28	-715.24	-591.90	-121.06	-270.72
673	8	123	7.73	58.10	-1.19	0.08	56.82	8.61	-8.30	-476.11	-386.69	-97.72	-183.94
		872	13.81	12.02	-1.63	-1.60	11.99	-0.59	241.49	-771.83	-325.30	-205.03	-503.07
		871	18.42	22.49	-0.87	-0.86	22.48	-0.51	357.70	-1005.69	-404.34	-243.65	-676.94
		132	11.80	77.65	-1.22	1.09	75.34	13.28	-30.11	-750.93	-631.53	-149.51	-267.97
673	32	123	5.70	42.98	-0.90	0.05	42.03	6.38	-4.46	-350.70	-283.30	-71.87	-137.09
		872	10.30	9.09	-1.23	-1.20	9.06	-0.58	181.92	-573.67	-239.66	-152.09	-375.25
		871	13.72	16.94	-0.66	-0.65	16.92	-0.52	268.30	-747.06	-298.36	-180.41	-504.24
		132	8.74	57.70	-0.91	0.80	56.00	9.85	-20.78	-555.41	-465.86	-110.33	-199.65
673	37	123	4.95	37.43	-0.82	9.19e-03	36.61	5.55	-0.70	-303.60	-242.30	-62.00	-121.70
		872	9.16	8.36	-1.14	-1.07	8.29	-0.82	165.21	-506.43	-207.52	-133.71	-333.79
		871	12.18	15.41	-0.62	-0.58	15.37	-0.79	241.45	-658.88	-259.33	-158.10	-447.31
		132	7.65	50.85	-0.80	0.68	49.37	8.62	-15.15	-485.03	-404.31	-95.87	-177.24
674	8	114	5.06	45.14	-1.09	-0.43	44.49	5.46	9.13	-293.95	-222.87	-61.94	-128.41
		873	9.72	5.24	-1.52	-1.45	5.17	-0.69	148.50	-556.50	-247.82	-160.18	-349.76
		872	13.72	12.26	-1.42	-1.39	12.23	-0.60	238.83	-767.54	-325.66	-203.05	-499.44
		123	7.77	58.76	-1.12	0.13	57.50	8.56	-4.04	-477.21	-383.31	-97.94	-188.72
674	32	114	3.70	33.18	-0.82	-0.34	32.69	4.04	8.81	-214.94	-160.93	-45.19	-95.75
		873	7.26	4.01	-1.16	-1.08	3.93	-0.64	113.08	-413.35	-181.63	-118.65	-261.32
		872	10.23	9.28	-1.08	-1.04	9.25	-0.58	179.88	-570.41	-239.93	-150.60	-372.48
		123	5.73	43.47	-0.84	0.08	42.55	6.34	-1.21	-351.58	-280.77	-72.02	-140.70
674	37	114	3.20	28.41	-0.75	-0.32	27.99	3.50	11.57	-183.32	-133.38	-38.37	-85.07
		873	6.48	3.81	-1.11	-0.96	3.66	-0.86	105.11	-364.36	-155.36	-103.90	-233.32
		872	9.10	8.55	-1.00	-0.93	8.48	-0.82	163.29	-503.42	-207.77	-132.36	-331.21
		123	4.98	37.90	-0.76	0.05	37.10	5.52	2.43	-304.58	-240.03	-62.12	-125.10
675	8	105	3.49	36.08	-0.89	-0.66	35.85	2.95	8.79	-188.15	-138.55	-40.81	-85.49
		874	6.47	1.27	-1.76	-1.63	1.14	-0.62	72.06	-385.92	-190.41	-123.46	-226.53
		873	9.67	5.43	-1.44	-1.38	5.37	-0.64	146.81	-554.62	-247.54	-160.28	-347.99
		114	5.13	45.68	-0.97	-0.33	45.05	5.41	11.72	-297.76	-223.76	-62.28	-132.01
675	32	105	2.53	26.29	-0.68	-0.50	26.11	2.19	8.92	-135.79	-97.54	-29.33	-63.81
		874	4.84	1.04	-1.35	-1.20	0.89	-0.57	57.25	-286.07	-137.95	-90.87	-170.04
		873	7.22	4.16	-1.10	-1.03	4.09	-0.60	111.74	-411.92	-181.44	-118.73	-259.94
		114	3.76	33.59	-0.73	-0.26	33.12	4.00	10.80	-217.86	-161.61	-45.45	-98.48
675	37	105	2.11	21.97	-0.60	-0.45	21.81	1.88	12.38	-112.75	-76.28	-24.10	-56.86
		874	4.34	1.15	-1.33	-1.05	0.88	-0.78	58.22	-251.06	-114.59	-78.25	-153.57

		873	6.44	3.97	-1.05	-0.91	3.83	-0.82	103.75	-363.03	-155.26	-104.02	-231.98
		114	3.26	28.80	-0.66	-0.25	28.39	3.46	13.51	-186.17	-134.04	-38.61	-87.70
676	8	96	2.88	30.58	-0.70	-0.70	30.58	0.03	-5.27	-143.31	-118.50	-30.07	-53.00
		875	4.05	0.13	-2.28	-2.10	-0.04	-0.62	14.80	-256.51	-153.73	-87.98	-131.61
		874	6.41	1.35	-1.77	-1.66	1.25	-0.56	68.85	-384.19	-190.26	-125.07	-224.16
		105	3.58	36.60	-0.77	-0.55	36.38	2.90	11.19	-192.43	-140.15	-41.09	-88.95
676	32	96	2.05	22.05	-0.52	-0.52	22.05	0.04	-1.13	-100.94	-81.18	-20.88	-39.77
		875	3.05	0.13	-1.73	-1.55	-0.05	-0.56	17.12	-189.10	-108.70	-63.28	-100.58
		874	4.79	1.10	-1.35	-1.23	0.98	-0.53	54.72	-284.77	-137.90	-92.14	-168.20
		105	2.59	26.68	-0.58	-0.41	26.51	2.14	10.72	-139.10	-98.81	-29.58	-66.43
676	37	96	1.65	17.91	-0.44	-0.44	17.91	0.01	4.67	-79.36	-59.03	-15.65	-35.98
		875	2.79	0.27	-1.67	-1.32	-0.08	-0.75	28.99	-164.03	-84.14	-50.90	-95.07
		874	4.30	1.22	-1.31	-1.06	0.98	-0.75	55.66	-249.90	-114.70	-79.54	-151.76
		105	2.18	22.35	-0.52	-0.37	22.20	1.84	14.05	-116.03	-77.57	-24.41	-59.36
677	22	87	3.27	23.76	-1.34	-0.79	23.21	-3.69	20.12	-74.43	-63.01	8.70	-30.81
		876	3.12	1.87	-1.58	-1.42	1.71	-0.72	83.96	-145.90	-64.50	2.56	-109.93
		875	3.90	0.33	-3.02	-2.45	-0.24	-1.26	43.01	-226.83	-105.05	-78.76	-134.28
		96	2.35	25.86	-0.38	-0.38	25.86	0.23	14.85	-112.42	-75.42	-22.15	-57.79
677	36	87	1.65	17.33	-1.00	-0.58	16.90	-2.75	17.43	-51.56	-42.24	8.11	-23.59
		876	2.40	1.36	-1.20	-1.06	1.22	-0.59	69.53	-107.84	-43.32	5.02	-85.33
		875	2.94	0.30	-2.28	-1.80	-0.18	-1.00	35.29	-168.80	-75.74	-57.76	-101.65
		96	1.73	18.95	-0.28	-0.28	18.95	0.16	12.44	-82.05	-53.59	-16.02	-43.35
677	37	87	1.78	17.15	-0.87	-0.41	16.70	-2.83	8.41	-69.66	-63.55	2.30	-20.96
		876	2.14	1.56	-0.96	-0.85	1.46	-0.50	52.21	-104.34	-53.07	0.94	-73.46
		875	2.64	0.32	-2.05	-1.68	-0.05	-0.86	22.97	-157.31	-79.20	-55.14	-89.33
		96	1.79	18.25	-0.16	-0.16	18.25	-0.01	3.47	-90.10	-68.29	-18.35	-39.57
678	21	72	4.76	24.53	-2.78	-0.45	22.20	-7.63	290.97	137.41	139.58	288.80	18.10
		877	7.15	7.84	3.38	4.76	6.47	2.06	380.26	-148.32	1.31	230.62	-238.13
		876	2.15	1.64	-4.36	-3.23	0.52	-2.34	103.06	-46.13	39.22	17.71	-73.81
		87	3.02	21.33	0.89	1.17	21.04	-2.38	-1.20	-170.91	-135.32	-36.79	-69.09
678	35	72	3.62	18.19	-2.13	-0.36	16.43	-5.72	222.61	109.06	110.43	221.24	12.37
		877	5.49	5.76	2.52	3.49	4.79	1.48	294.49	-111.04	5.04	178.41	-183.30
		876	1.68	1.24	-3.27	-2.39	0.37	-1.79	81.62	-34.38	32.22	15.02	-57.36
		87	2.25	15.82	0.66	0.88	15.60	-1.81	-1.63e-03	-126.94	-99.62	-27.32	-52.17
678	37	72	3.56	21.45	-1.96	-0.06	19.55	-6.39	190.90	32.13	35.53	187.50	22.98
		877	4.75	7.32	3.32	4.89	5.75	1.95	229.43	-123.98	-37.29	142.74	-152.06
		876	1.14	1.69	-3.26	-2.58	1.02	-1.70	40.88	-34.57	3.19	3.11	-37.72
		87	2.78	17.85	1.17	1.43	17.59	-2.06	-17.08	-168.44	-148.82	-36.71	-50.85
679	7	36	46.52	123.05	23.13	119.85	26.34	17.60	3266.92	739.25	1287.24	2718.93	1041.56
		868	10.90	49.36	-27.62	34.28	-12.55	-30.55	202.66	-555.17	-452.98	100.47	-258.85
		877	10.24	28.29	-2.45	24.44	1.40	10.18	731.52	265.47	348.53	648.46	178.36
		72	23.48	64.18	-21.59	-21.29	63.88	5.05	-123.81	-1551.37	-1228.26	-446.91	-597.37
679	31	36	34.97	89.37	14.50	86.64	17.23	14.02	2474.40	601.07	987.41	2088.06	757.95
		868	8.30	35.56	-19.65	24.66	-8.75	-21.98	167.38	-415.55	-336.55	88.38	-199.53
		877	7.60	20.24	-2.01	17.47	0.76	7.34	551.48	226.12	272.19	505.41	113.43
		72	17.01	46.49	-16.80	-16.63	46.32	3.27	-73.47	-1116.32	-863.77	-326.02	-446.76
679	37	36	32.59	73.31	4.24	69.63	7.92	15.50	2360.49	695.99	978.91	2077.57	625.21
		868	8.08	28.19	-14.76	19.41	-5.98	-17.32	202.66	-380.24	-300.03	122.45	-200.80
		877	7.07	15.57	-2.38	13.41	-0.22	5.84	532.29	278.13	284.76	525.66	40.50
		72	13.94	37.69	-17.45	-17.42	37.65	1.39	-0.96	-885.54	-615.01	-271.50	-407.58
680	22	869	20.99	33.94	20.28	20.40	33.82	-1.28	820.24	-777.23	-48.03	91.04	-795.70
		878	21.35	9.35	-35.96	8.75	-35.37	5.16	980.42	-574.74	80.86	324.82	-767.96
		866	17.21	14.33	-45.38	3.13	-34.18	23.31	921.44	-90.86	157.50	673.08	-435.58
		865	24.23	34.96	7.19	21.70	20.44	13.87	1765.40	396.27	797.47	1364.19	-623.17
680	36	869	15.66	25.46	15.15	15.26	25.36	-1.05	613.52	-577.50	-34.75	70.78	-593.17
		878	15.95	6.98	-26.73	6.55	-26.30	3.79	734.02	-427.84	60.71	245.48	-573.54
		866	12.88	10.71	-33.81	2.36	-25.47	17.37	690.47	-67.25	117.54	505.68	-325.38
		865	18.15	26.10	5.52	16.26	15.35	10.28	1323.50	298.18	596.96	1024.71	-465.92
680	37	869	14.62	22.50	13.85	13.94	22.41	-0.89	557.08	-557.92	-37.34	36.50	-556.27
		878	14.49	6.45	-25.11	6.02	-24.68	3.65	653.06	-406.01	53.60	193.46	-524.89
		866	11.50	9.64	-31.50	2.02	-23.88	15.98	608.87	-66.99	110.55	431.33	-297.44
		865	15.96	23.83	4.38	14.88	13.32	9.69	1156.87	253.37	538.22	872.02	-419.79
681	8	870	19.17	35.44	1.56	1.56	35.44	-0.43	309.61	-1077.36	-419.33	-348.42	-692.58
		879	18.73	3.99	-38.45	3.38	-37.84	-5.07	565.04	-804.13	-25.86	-213.23	-678.14
		878	16.15	7.81	-42.15	7.09	-41.42	5.99	658.36	-526.20	64.91	67.25	-592.28
		869	22.64	40.91	17.98	18.36	40.53	-2.94	980.06	-710.77	18.66	250.63	-837.42
681	32	870	14.22	26.62	1.16	1.17	26.61	-0.48	231.99	-798.32	-308.97	-257.36	-514.51
		879	13.92	3.02	-28.30	2.53	-27.80	-3.92	422.40	-595.16	-17.78	-154.98	-504.13
		878	12.00	5.81	-31.07	5.29	-30.55	4.33	492.65	-386.65	48.60	57.39	-439.63
		869	16.83	30.76	13.39	13.71	30.43	-2.35	733.51	-520.62	18.06	194.83	-620.80
681	37	870	12.51	24.05	1.01	1.03	24.02	-0.80	208.57	-700.91	-267.79	-224.55	-454.23
		879	12.31	2.80	-24.43	2.26	-23.89	-3.80	377.25	-521.72	-13.20	-131.27	-445.60
		878	10.58	5.13	-26.93	4.73	-26.53	3.57	440.78	-334.49	43.80	62.49	-387.52
		869	14.89	27.87	11.86	12.25	27.47	-2.49	656.58	-447.36	23.44	185.78	-545.97
682	8	871	16.14	21.94	-1.08	-1.05	21.91	-0.81	248.69	-926.69	-402.31	-275.69	-584.27
		880	17.00	0.25	-38.54	-0.39	-37.89	-4.95	362.39	-838.47	-128.82	-347.26	-590.41
		879	17.79	2.38	-38.13	2.01	-37.76	-3.83	485.90	-808.67	-65.59	-257.18	-640.16

		870	19.88	34.01	3.66	3.68	33.99	-0.81	471.00	-1018.80	-332.54	-215.26	-742.59
682	32	871	12.02	16.52	-0.82	-0.79	16.49	-0.75	187.02	-688.28	-296.92	-204.34	-435.19
		880	12.66	0.24	-28.28	-0.29	-27.76	-3.82	271.24	-623.15	-94.73	-257.19	-439.75
		879	13.22	1.81	-28.05	1.51	-27.74	-3.00	363.18	-598.83	-47.66	-187.99	-475.86
		870	14.75	25.57	2.73	2.75	25.54	-0.77	352.85	-754.65	-244.21	-157.59	-552.05
682	37	871	10.67	15.02	-0.78	-0.71	14.96	-1.02	169.24	-606.81	-258.15	-179.42	-386.03
		880	11.23	0.32	-24.21	-0.25	-23.64	-3.71	242.94	-550.35	-81.80	-225.61	-390.07
		879	11.68	1.70	-24.15	1.35	-23.81	-2.98	324.35	-525.42	-40.12	-160.96	-420.57
		870	13.05	23.14	2.40	2.46	23.09	-1.05	316.70	-662.10	-210.21	-135.19	-487.96
683	8	872	12.20	11.70	-1.47	-1.40	11.63	-0.99	174.18	-706.88	-316.49	-216.21	-437.67
		881	13.61	-0.42	-38.38	-0.76	-38.04	-3.57	228.24	-704.90	-149.29	-327.36	-458.00
		880	16.62	0.31	-38.22	-0.27	-37.64	-4.69	345.70	-826.45	-136.75	-344.00	-576.84
		871	16.18	21.85	-0.61	-0.58	21.83	-0.79	281.09	-907.64	-373.20	-253.35	-591.33
683	32	872	9.09	8.86	-1.13	-1.05	8.79	-0.88	131.71	-525.21	-233.10	-160.40	-326.44
		881	10.14	-0.28	-28.07	-0.57	-27.79	-2.80	171.48	-524.72	-110.13	-243.11	-341.69
		880	12.38	0.27	-28.04	-0.20	-27.56	-3.64	258.73	-614.18	-100.72	-254.73	-429.61
		871	12.06	16.47	-0.47	-0.43	16.43	-0.74	211.24	-673.99	-275.18	-187.58	-440.45
683	37	872	8.09	8.18	-1.07	-0.94	8.04	-1.11	120.56	-463.29	-201.69	-141.04	-290.34
		881	9.01	-0.17	-23.80	-0.50	-23.47	-2.78	154.92	-464.76	-95.61	-214.24	-304.11
		880	10.97	0.36	-23.96	-0.17	-23.44	-3.54	231.73	-542.37	-87.26	-223.39	-381.02
		871	10.70	15.00	-0.46	-0.39	14.93	-1.01	190.86	-594.01	-238.79	-164.36	-390.67
684	8	873	8.63	5.00	-1.48	-1.33	4.85	-0.96	104.45	-510.65	-237.74	-168.46	-305.59
		882	10.16	-0.55	-37.92	-0.68	-37.78	-2.22	129.34	-538.70	-134.38	-274.98	-326.54
		881	13.47	-0.29	-38.08	-0.62	-37.74	-3.52	225.76	-698.21	-148.68	-323.77	-453.61
		872	12.19	12.01	-1.30	-1.23	11.94	-0.98	180.26	-702.46	-309.39	-212.80	-438.71
684	32	873	6.44	3.85	-1.14	-0.99	3.70	-0.85	80.23	-379.13	-174.11	-124.80	-228.35
		882	7.58	-0.39	-27.64	-0.51	-27.52	-1.78	98.44	-401.29	-98.83	-204.01	-244.27
		881	10.04	-0.18	-27.84	-0.46	-27.56	-2.76	169.59	-519.70	-109.69	-240.42	-338.39
		872	9.09	9.10	-0.99	-0.92	9.03	-0.87	136.24	-521.88	-227.80	-157.84	-327.20
684	37	873	5.75	3.70	-1.13	-0.88	3.45	-1.06	75.91	-333.89	-148.67	-109.31	-203.95
		882	6.75	-0.29	-23.19	-0.44	-23.04	-1.87	91.67	-355.84	-85.06	-179.12	-218.76
		881	8.92	-0.07	-23.56	-0.40	-23.24	-2.75	153.16	-460.25	-95.25	-211.84	-301.11
		872	8.08	8.41	-0.95	-0.82	8.28	-1.10	124.55	-460.29	-197.00	-138.74	-290.97
685	8	874	5.74	1.08	-1.80	-1.55	0.84	-0.80	42.75	-354.03	-181.16	-130.12	-196.74
		883	7.22	-0.80	-37.27	-0.82	-37.24	-0.87	53.96	-385.31	-111.60	-219.75	-212.87
		882	10.11	-0.47	-37.63	-0.61	-37.49	-2.22	128.30	-536.26	-133.59	-274.37	-324.74
		873	8.64	5.33	-1.37	-1.24	5.19	-0.95	105.86	-510.59	-236.57	-168.15	-306.32
685	32	874	4.30	0.91	-1.40	-1.15	0.66	-0.72	35.40	-262.29	-131.09	-95.79	-147.79
		883	5.39	-0.58	-27.07	-0.60	-27.05	-0.78	43.75	-287.04	-81.30	-162.00	-160.40
		882	7.55	-0.33	-27.42	-0.45	-27.30	-1.78	97.62	-399.45	-98.25	-203.58	-242.89
		873	6.45	4.10	-1.06	-0.92	3.96	-0.84	81.24	-379.09	-173.26	-124.58	-228.87
685	37	874	3.86	1.09	-1.41	-1.00	0.67	-0.93	38.85	-229.91	-108.56	-82.50	-133.75
		883	4.81	-0.47	-22.49	-0.51	-22.44	-0.99	46.70	-254.44	-68.10	-139.64	-146.26
		882	6.72	-0.23	-22.97	-0.38	-22.82	-1.87	90.82	-354.19	-84.56	-178.81	-217.46
		873	5.75	3.94	-1.05	-0.81	3.71	-1.05	76.71	-333.84	-147.97	-109.17	-204.35
686	8	875	3.57	-0.14	-2.38	-2.13	-0.39	-0.71	-2.50	-232.50	-142.72	-92.27	-112.20
		884	4.85	-1.20	-36.38	-1.22	-36.36	0.83	8.28	-251.10	-87.59	-155.23	-125.20
		883	7.19	-0.79	-37.02	-0.81	-36.99	-0.89	52.03	-384.27	-110.89	-221.34	-211.04
		874	5.76	1.34	-1.69	-1.48	1.13	-0.77	41.91	-356.20	-182.80	-131.49	-197.39
686	32	875	2.68	-0.05	-1.83	-1.56	-0.32	-0.64	4.24	-171.31	-100.70	-66.37	-86.08
		884	3.62	-0.88	-26.34	-0.89	-26.33	0.47	12.54	-186.87	-62.50	-111.84	-96.60
		883	5.37	-0.57	-26.88	-0.59	-26.85	-0.80	42.26	-286.27	-80.75	-163.25	-159.00
		874	4.31	1.11	-1.31	-1.09	0.89	-0.69	34.69	-263.90	-132.34	-96.87	-148.24
686	37	875	2.46	0.16	-1.80	-1.32	-0.33	-0.85	17.57	-148.41	-77.52	-53.33	-82.11
		884	3.24	-0.74	-21.65	-0.74	-21.65	0.08	26.13	-165.06	-49.16	-89.77	-93.41
		883	4.79	-0.45	-22.29	-0.50	-22.24	-1.00	45.25	-253.76	-67.59	-140.92	-144.94
		874	3.87	1.28	-1.32	-0.94	0.90	-0.91	37.97	-231.34	-109.76	-83.60	-134.02
687	8	876	2.25	1.83	-1.75	-1.61	1.68	-0.71	15.75	-133.18	-100.91	-16.53	-61.36
		885	2.77	-0.66	-35.08	-0.88	-34.87	2.71	17.86	-132.55	-66.80	-47.89	-74.61
		884	4.80	-1.42	-36.21	-1.44	-36.19	0.84	6.91	-246.59	-82.72	-156.96	-121.19
		875	3.68	0.22	-2.37	-2.22	0.08	-0.60	-8.52	-243.38	-150.75	-101.14	-114.78
687	32	876	1.73	1.28	-1.35	-1.19	1.12	-0.63	22.49	-95.91	-66.67	-6.75	-51.06
		885	2.19	-0.51	-25.32	-0.65	-25.18	1.85	24.99	-99.03	-46.36	-27.69	-61.30
		884	3.58	-1.03	-26.20	-1.04	-26.20	0.48	11.54	-183.52	-58.78	-113.20	-93.65
		875	2.76	0.21	-1.79	-1.62	0.04	-0.56	-0.36	-179.37	-106.63	-73.10	-87.92
687	37	876	1.75	1.07	-1.35	-1.02	0.75	-0.83	46.80	-79.22	-40.27	7.85	-58.24
		885	2.27	-0.48	-20.60	-0.56	-20.52	1.25	51.09	-88.41	-33.20	-4.12	-68.22
		884	3.20	-0.85	-21.51	-0.85	-21.50	0.09	25.29	-162.07	-45.58	-91.20	-90.86
		875	2.52	0.36	-1.71	-1.35	9.62e-03	-0.78	13.12	-155.54	-82.72	-59.70	-83.54
688	21	877	5.76	6.10	2.30	6.10	2.30	0.06	386.39	5.51	53.98	337.92	-126.93
		886	5.84	2.76	-24.95	2.76	-24.95	-0.28	258.68	-87.06	-62.11	233.73	-89.46
		885	3.56	-0.80	-25.83	-0.92	-25.71	1.78	121.76	-104.78	-15.67	32.65	-110.66
		876	3.28	2.13	-3.14	-2.86	1.84	-1.19	91.45	-149.33	-36.65	-21.24	-120.14
688	35	877	4.44	4.48	1.69	4.48	1.69	-0.01	298.12	5.17	43.70	259.59	-99.02
		886	4.48	2.03	-18.46	2.03	-18.46	-0.23	201.10	-65.93	-46.26	181.43	-69.75
		885	2.73	-0.60	-19.15	-0.69	-19.06	1.27	95.94	-78.73	-10.59	27.80	-85.20
		876	2.51	1.60	-2.35	-2.11	1.36	-0.94	72.75	-111.97	-25.09	-14.13	-92.20

688	37	877	3.78	5.56	2.28	5.56	2.28	0.02	244.49	-11.51	10.06	222.91	-71.12
		886	3.94	2.42	-19.96	2.41	-19.96	-0.31	159.13	-62.27	-50.66	147.51	-49.36
		885	2.26	-0.45	-20.67	-0.59	-20.53	1.68	61.83	-71.46	-19.61	9.98	-64.99
		876	2.13	2.15	-2.11	-2.01	2.05	-0.63	34.20	-116.09	-54.01	-27.88	-74.00
689	8	868	14.67	49.13	-13.67	41.08	-5.62	-20.99	830.55	-34.15	-13.22	809.62	132.88
		867	7.84	17.82	-35.43	10.77	-28.38	-18.05	291.81	-131.28	-119.24	279.77	70.34
		886	6.08	5.66	-34.77	5.66	-34.77	-0.12	238.61	-70.08	-68.12	236.65	24.52
		877	5.74	13.03	2.29	12.29	3.03	2.71	250.08	-155.40	-115.85	210.54	-120.29
689	32	868	11.11	35.39	-9.95	29.73	-4.29	-14.98	639.22	-18.17	-3.87	624.92	95.92
		867	5.91	12.92	-25.47	7.82	-20.36	-13.03	228.50	-96.47	-89.04	221.06	48.59
		886	4.66	4.04	-25.03	4.04	-25.03	-0.11	191.50	-49.16	-48.70	191.03	10.58
		877	4.52	9.14	1.69	8.62	2.21	1.89	208.88	-113.15	-77.00	172.72	-101.67
689	37	868	10.48	28.61	-8.27	24.30	-3.96	-11.86	626.11	-0.20	9.80	616.11	78.50
		867	5.52	10.69	-20.42	6.47	-16.20	-10.66	234.90	-84.24	-80.54	231.20	34.16
		886	4.57	3.19	-20.18	3.19	-20.18	-0.19	209.51	-39.00	-38.67	209.18	-9.10
		877	4.75	6.81	1.59	6.48	1.92	1.28	244.44	-97.85	-47.84	194.42	-120.91
690	22	878	23.96	5.97	-36.08	5.53	-35.65	4.25	1035.04	-755.62	92.52	186.90	-894.08
		864	12.53	-0.87	-108.66	-0.97	-108.56	3.23	464.83	-339.85	35.32	89.67	-401.42
		855	14.56	-2.13	-93.73	-2.14	-93.72	0.71	619.84	-185.07	-44.99	479.76	-305.17
		866	19.93	16.10	-35.53	4.22	-23.65	21.73	1092.34	-157.26	136.93	798.15	-530.16
690	36	878	17.89	4.45	-26.82	4.14	-26.51	3.10	774.32	-562.82	69.34	142.17	-667.58
		864	9.38	-0.65	-81.04	-0.73	-80.97	2.41	348.56	-252.87	26.38	69.31	-299.95
		855	10.91	-1.59	-69.98	-1.60	-69.97	0.53	465.34	-137.84	-33.63	361.13	-228.03
		866	14.92	12.03	-26.43	3.18	-17.57	16.19	818.70	-116.81	102.34	599.55	-396.22
690	37	878	16.38	4.15	-25.19	3.83	-24.88	3.01	696.17	-530.71	62.67	102.79	-613.11
		864	8.38	-0.59	-74.57	-0.66	-74.51	2.25	304.52	-241.97	24.05	38.50	-273.15
		855	9.59	-1.46	-64.12	-1.46	-64.12	0.52	399.93	-130.29	-30.48	300.12	-207.26
		866	13.27	10.87	-24.83	2.79	-16.75	14.94	718.45	-112.53	94.75	511.18	-359.55
691	8	879	20.85	2.32	-38.16	1.85	-37.69	-4.33	609.29	-924.94	-58.47	-257.18	-760.66
		863	13.11	-0.30	-112.10	-0.32	-112.09	1.41	274.26	-483.74	32.25	-241.74	-353.37
		864	11.59	-0.90	-114.53	-0.98	-114.45	2.89	409.88	-262.95	20.38	126.56	-332.20
		878	20.79	6.73	-36.53	6.24	-36.05	4.55	857.43	-692.60	47.18	117.65	-774.22
691	32	879	15.49	1.77	-28.08	1.39	-27.70	-3.37	454.97	-685.26	-42.40	-187.89	-565.45
		863	9.70	-0.22	-82.95	-0.24	-82.93	1.03	205.50	-357.51	24.01	-176.02	-263.14
		864	8.68	-0.67	-84.96	-0.73	-84.90	2.14	308.99	-192.82	15.08	101.10	-247.19
		878	15.45	5.00	-26.88	4.66	-26.55	3.25	641.47	-510.66	35.79	95.02	-575.31
691	37	879	13.70	1.68	-24.23	1.24	-23.80	-3.33	405.55	-601.78	-35.53	-160.69	-499.76
		863	8.49	-0.20	-72.41	-0.21	-72.40	0.88	184.29	-312.64	21.27	-149.62	-233.31
		864	7.78	-0.60	-74.65	-0.64	-74.60	1.88	279.98	-166.28	13.22	100.48	-218.82
		878	13.65	4.41	-23.19	4.17	-22.95	2.57	573.55	-444.57	33.01	95.97	-508.08
692	8	880	19.30	0.31	-38.97	-0.39	-38.26	-5.21	444.11	-936.32	-125.97	-366.24	-679.68
		862	13.49	0.02	-99.26	3.35e-03	-99.24	1.19	188.43	-546.51	32.48	-390.57	-300.48
		863	12.53	-0.17	-110.55	-0.20	-110.53	1.58	250.22	-457.14	31.36	-238.29	-326.97
		879	21.12	2.31	-37.66	1.86	-37.22	-4.20	625.90	-933.20	-59.80	-247.50	-773.88
692	32	880	14.37	0.28	-28.61	-0.29	-28.04	-4.03	332.02	-696.03	-92.73	-271.28	-506.21
		862	10.00	0.01	-73.16	2.96e-03	-73.15	0.87	140.88	-405.79	24.21	-289.12	-223.98
		863	9.27	-0.13	-81.78	-0.15	-81.77	1.16	187.34	-337.62	23.31	-173.59	-243.32
		879	15.71	1.76	-27.70	1.39	-27.33	-3.28	467.58	-691.65	-43.38	-180.69	-575.53
692	37	880	12.75	0.38	-24.52	-0.25	-23.89	-3.91	296.72	-614.98	-80.22	-238.03	-448.97
		862	8.77	0.01	-63.23	2.45e-03	-63.22	0.72	125.90	-357.80	21.50	-253.40	-199.00
		863	8.10	-0.11	-71.34	-0.13	-71.33	1.00	167.73	-294.83	20.60	-147.69	-215.43
		879	13.90	1.67	-23.86	1.25	-23.44	-3.25	417.11	-607.85	-36.38	-154.35	-509.07
693	8	881	15.56	-0.16	-38.85	-0.55	-38.46	-3.87	305.72	-783.80	-134.56	-343.52	-534.64
		861	12.07	0.06	-88.23	0.04	-88.21	1.33	131.90	-496.93	25.46	-390.50	-235.80
		862	13.14	0.09	-98.47	0.07	-98.46	1.28	177.11	-529.09	30.78	-382.76	-286.22
		880	19.30	0.53	-38.73	-0.12	-38.08	-5.01	454.70	-930.33	-121.92	-353.72	-682.74
693	32	881	11.60	-0.08	-28.42	-0.40	-28.10	-3.02	229.24	-583.55	-99.21	-255.09	-398.85
		861	8.94	0.04	-64.74	0.03	-64.72	0.96	98.74	-369.67	18.99	-289.92	-176.05
		862	9.73	0.07	-72.56	0.05	-72.55	0.93	132.31	-392.67	22.93	-283.30	-213.20
		880	14.37	0.44	-28.42	-0.09	-27.89	-3.88	339.99	-691.61	-89.73	-261.89	-508.57
693	37	881	10.32	0.02	-24.12	-0.35	-23.74	-3.00	206.28	-517.07	-86.03	-224.76	-354.96
		861	7.83	0.04	-55.28	0.02	-55.26	0.80	88.53	-326.95	16.89	-255.31	-156.95
		862	8.53	0.06	-62.67	0.05	-62.66	0.78	118.02	-345.91	20.35	-248.24	-189.14
		880	12.75	0.52	-24.32	-0.07	-23.73	-3.77	303.93	-611.17	-77.61	-229.63	-451.20
694	8	882	11.59	-0.33	-38.29	-0.50	-38.12	-2.48	187.92	-596.48	-119.10	-289.46	-382.84
		860	10.21	0.05	-80.46	0.03	-80.43	1.40	87.13	-406.91	19.45	-339.22	-169.88
		861	11.84	0.12	-87.84	0.10	-87.82	1.33	124.02	-484.36	25.18	-385.52	-224.42
		881	15.58	-0.04	-38.57	-0.42	-38.19	-3.80	311.59	-781.90	-131.84	-338.47	-536.89
694	32	882	8.65	-0.22	-27.92	-0.37	-27.77	-1.98	142.23	-444.48	-87.51	-214.73	-286.37
		860	7.54	0.04	-58.76	0.02	-58.74	1.02	65.55	-302.60	14.51	-251.56	-127.22
		861	8.77	0.09	-64.44	0.08	-64.42	0.96	92.74	-360.16	18.78	-286.20	-167.41
		881	11.62	5.32e-03	-28.21	-0.31	-27.89	-2.97	233.66	-582.17	-97.19	-251.32	-400.57
694	37	882	7.71	-0.13	-23.45	-0.32	-23.27	-2.07	130.85	-394.48	-75.15	-188.49	-256.48
		860	6.56	0.03	-49.52	0.02	-49.50	0.84	59.52	-267.14	12.93	-220.55	-114.23
		861	7.67	0.09	-54.98	0.08	-54.97	0.80	82.95	-318.26	16.70	-252.01	-148.97
		881	10.33	0.10	-23.91	-0.27	-23.54	-2.96	210.27	-515.92	-84.26	-221.40	-356.56
695	8	883	8.13	-0.60	-37.66	-0.63	-37.62	-1.10	93.05	-423.13	-98.62	-231.46	-249.40

		859	8.48	0.06	-75.50	0.03	-75.47	1.51	53.12	-313.23	15.17	-275.28	-111.64
		860	10.06	0.12	-80.11	0.10	-80.09	1.38	80.44	-398.73	19.52	-337.81	-159.62
		882	11.65	-0.26	-38.01	-0.42	-37.85	-2.47	192.03	-598.64	-118.16	-288.45	-386.06
695	32	883	6.08	-0.43	-27.36	-0.46	-27.33	-0.96	73.14	-315.50	-71.74	-170.63	-187.93
		859	6.23	0.05	-54.87	0.02	-54.85	1.09	40.52	-231.95	11.32	-202.75	-84.28
		860	7.43	0.09	-58.49	0.07	-58.47	1.00	60.43	-296.38	14.57	-250.52	-119.42
		882	8.70	-0.17	-27.71	-0.31	-27.56	-1.98	145.32	-446.13	-86.81	-214.00	-288.81
695	37	883	5.45	-0.33	-22.75	-0.39	-22.69	-1.17	73.39	-280.32	-59.88	-147.04	-171.40
		859	5.33	0.04	-45.62	0.02	-45.60	0.89	38.15	-202.27	10.10	-174.22	-77.19
		860	6.45	0.08	-49.26	0.07	-49.24	0.83	54.69	-261.40	12.97	-219.69	-106.99
		882	7.76	-0.08	-23.24	-0.26	-23.05	-2.07	133.61	-396.05	-74.54	-187.90	-258.69
696	8	884	5.32	-0.98	-36.96	-0.99	-36.94	0.65	30.42	-270.75	-77.40	-162.93	-144.38
		858	6.87	0.09	-73.69	0.05	-73.65	1.78	30.85	-213.62	12.10	-194.87	-65.05
		859	8.40	0.13	-75.10	0.10	-75.07	1.48	47.27	-308.27	15.40	-276.40	-101.57
		883	8.21	-0.56	-37.39	-0.59	-37.36	-1.10	95.91	-427.72	-98.69	-233.12	-253.04
696	32	884	3.99	-0.72	-26.76	-0.72	-26.76	0.33	29.43	-201.96	-55.10	-117.43	-111.42
		858	4.98	0.07	-53.32	0.04	-53.28	1.28	24.38	-155.65	9.01	-140.28	-50.30
		859	6.17	0.10	-54.57	0.08	-54.55	1.07	35.99	-228.10	11.50	-203.61	-76.61
		883	6.14	-0.39	-27.16	-0.43	-27.12	-0.95	75.31	-318.99	-71.77	-171.91	-190.68
696	37	884	3.60	-0.60	-22.02	-0.60	-22.02	-0.07	42.06	-179.51	-43.07	-94.38	-107.77
		858	4.10	0.05	-43.74	0.03	-43.72	1.04	25.34	-129.52	8.00	-112.18	-48.84
		859	5.27	0.09	-45.33	0.07	-45.32	0.87	33.77	-198.59	10.26	-175.08	-70.07
		883	5.51	-0.29	-22.54	-0.36	-22.48	-1.17	75.33	-283.54	-59.88	-148.33	-173.90
697	7	885	2.73	-0.48	-36.91	-0.72	-36.68	2.92	-4.56	-121.83	-64.73	-61.66	-58.61
		857	5.26	0.06	-79.03	-0.02	-78.96	2.39	14.08	-88.05	8.45	-82.42	-23.31
		858	6.98	0.16	-75.62	0.12	-75.57	1.85	23.50	-211.47	12.74	-200.72	-49.11
		884	5.24	-1.10	-37.65	-1.14	-37.61	1.13	16.11	-269.39	-82.14	-171.14	-135.64
697	31	885	2.01	-0.38	-26.59	-0.53	-26.44	1.98	10.80	-92.23	-44.52	-36.91	-51.37
		857	3.67	0.04	-56.81	-0.01	-56.75	1.71	12.86	-57.87	6.20	-51.21	-20.67
		858	5.05	0.12	-54.56	0.09	-54.53	1.33	18.74	-153.47	9.53	-144.26	-38.75
		884	3.93	-0.80	-27.19	-0.82	-27.18	0.66	20.22	-201.73	-58.18	-123.33	-106.08
697	37	885	2.29	-0.41	-21.05	-0.47	-20.99	1.16	55.16	-88.10	-28.33	-4.60	-70.64
		857	2.55	0.04	-44.57	-3.19e-03	-44.53	1.34	26.34	-34.84	5.27	-13.77	-29.07
		858	4.06	0.11	-43.51	0.08	-43.48	1.04	21.60	-126.04	8.69	-113.13	-41.71
		884	3.69	-0.65	-21.78	-0.65	-21.78	0.01	44.45	-185.06	-42.81	-97.80	-111.41
698	22	886	5.27	2.61	-27.72	2.61	-27.72	0.06	223.09	-61.39	-51.53	213.23	-52.03
		856	5.71	-0.43	-66.43	-0.49	-66.37	2.00	161.03	1.19	2.21	160.01	-12.72
		857	3.56	0.11	-63.61	0.05	-63.55	1.95	31.49	-38.46	9.52	-16.50	-32.47
		885	3.73	-0.83	-29.84	-0.99	-29.68	2.13	97.52	-147.26	-38.81	-10.93	-121.59
698	36	886	4.06	1.89	-20.26	1.89	-20.26	3.36e-03	176.95	-46.11	-37.27	168.12	-43.51
		856	4.35	-0.31	-48.52	-0.36	-48.48	1.46	129.09	0.54	1.54	128.10	-11.25
		857	2.54	0.09	-46.54	0.04	-46.49	1.43	27.00	-26.34	7.09	-6.44	-25.80
		885	2.88	-0.63	-21.84	-0.73	-21.74	1.48	80.29	-110.67	-27.25	-3.14	-94.72
698	37	886	3.72	1.91	-19.33	1.91	-19.33	-0.12	157.82	-43.21	-37.49	152.10	-33.42
		856	4.06	-0.32	-46.68	-0.36	-46.64	1.39	116.21	1.02	1.47	115.76	-7.22
		857	2.46	0.07	-44.82	0.03	-44.77	1.39	21.18	-23.42	6.57	-8.81	-20.93
		885	2.52	-0.52	-20.85	-0.63	-20.74	1.50	64.07	-98.49	-28.46	-5.97	-80.50
699	22	867	8.74	15.89	-26.82	9.85	-20.78	-14.89	405.24	-107.06	-92.65	390.83	84.70
		854	6.30	-1.84	-58.61	-1.86	-58.59	1.03	224.66	-17.07	-9.94	217.53	40.89
		856	5.71	-0.41	-67.82	-0.47	-67.76	2.10	160.78	8.34	8.94	160.18	9.55
		886	5.48	2.84	-28.08	2.83	-28.07	0.46	231.83	-62.73	-57.80	226.90	-37.79
699	36	867	6.60	11.68	-19.58	7.24	-15.14	-10.91	311.16	-78.88	-69.04	301.32	61.17
		854	4.78	-1.35	-42.78	-1.36	-42.76	0.76	176.23	-11.96	-7.34	171.61	29.12
		856	4.35	-0.29	-49.54	-0.34	-49.49	1.54	129.20	6.34	6.56	128.98	5.19
		886	4.22	2.04	-20.51	2.04	-20.50	0.31	183.71	-47.32	-42.32	178.71	-33.62
699	37	867	6.22	11.26	-18.75	6.84	-14.33	-10.64	289.91	-76.66	-66.30	279.54	60.77
		854	4.49	-1.27	-40.87	-1.29	-40.86	0.71	162.98	-12.34	-7.13	157.77	29.79
		856	4.06	-0.30	-47.62	-0.34	-47.57	1.47	116.26	5.63	6.22	115.66	8.08
		886	3.87	2.07	-19.55	2.07	-19.55	0.14	164.21	-44.36	-41.83	161.68	-22.83
700	7	927	10.51	20.75	-25.35	-5.67	1.07	-22.80	345.44	-309.20	57.42	-21.19	324.95
		896	2.54	-0.05	-12.65	-0.39	-12.31	-2.06	113.40	-59.88	34.61	18.91	86.29
		915	5.43	-0.68	-44.09	-1.64	-43.13	-6.38	225.42	-40.58	48.82	136.02	125.65
		954	12.22	27.76	-37.50	-3.74	-6.00	-32.61	436.19	-281.35	26.52	128.32	355.14
700	31	927	7.66	15.14	-18.21	-4.10	1.03	-16.48	253.54	-224.26	42.08	-12.80	237.32
		896	1.86	-0.03	-8.75	-0.28	-8.51	-1.44	84.20	-42.01	25.16	17.03	62.97
		915	4.04	-0.50	-31.49	-1.18	-30.80	-4.57	171.60	-26.61	35.54	109.45	91.96
		954	8.94	20.15	-27.01	-2.68	-4.18	-23.57	324.60	-202.23	18.97	103.41	260.01
700	37	927	6.35	12.64	-14.27	-3.29	1.66	-13.23	216.22	-182.60	35.68	-2.05	198.51
		896	1.56	-0.02	-5.75	-0.20	-5.56	-1.01	75.24	-29.92	20.66	24.66	52.55
		915	3.66	-0.42	-24.03	-0.95	-23.50	-3.51	167.70	-14.11	29.35	124.24	77.54
		954	7.55	16.45	-21.38	-2.06	-2.86	-18.91	291.79	-159.38	14.58	117.83	219.60
701	8	940	17.26	116.08	-4.98	0.70	110.40	-25.61	184.78	-680.17	0.60	-495.99	354.10
		899	15.90	163.35	0.06	0.14	163.27	-3.62	21.01	-521.44	-5.84	-494.59	117.67
		918	14.48	137.35	-0.02	0.06	137.28	-3.16	17.63	-512.42	-7.14	-487.66	111.87
		933	16.46	102.69	-4.55	0.80	97.34	-23.34	180.94	-671.05	-2.82	-487.30	350.41
701	32	940	12.86	84.39	-3.61	0.50	80.28	-18.57	131.52	-515.21	-0.04	-383.65	260.34
		899	11.91	118.91	0.04	0.10	118.85	-2.63	14.73	-401.63	-4.16	-382.75	86.65

		918	10.86	100.06	-9.92e-03	0.04	100.00	-2.29	12.29	-393.68	-5.15	-376.24	82.32
		933	12.25	74.70	-3.29	0.58	70.84	-16.93	128.70	-506.95	-2.38	-375.87	257.17
701	37	940	11.47	70.02	-2.95	0.41	66.66	-15.28	102.03	-482.19	-1.17	-379.00	222.80
		899	10.81	99.07	0.03	0.08	99.03	-2.17	11.02	-392.66	-3.25	-378.39	74.52
		918	9.88	83.59	-4.28e-03	0.04	83.55	-1.90	9.04	-382.22	-4.18	-368.99	70.70
		933	10.91	62.13	-2.67	0.47	58.98	-13.93	99.85	-471.12	-2.76	-368.51	219.22
702	8	948	14.76	46.07	-40.05	0.79	5.23	-43.00	192.01	-660.44	26.58	-495.01	337.12
		963	15.62	76.71	-18.41	1.33	56.96	-38.58	167.36	-652.21	10.65	-495.50	322.30
		970	15.16	71.64	-19.76	0.98	50.90	-38.28	165.43	-636.68	-1.64	-469.61	325.73
		947	14.55	48.38	-39.32	0.39	8.68	-43.65	183.75	-637.75	12.11	-466.10	333.98
702	32	948	10.96	33.25	-29.14	0.56	3.55	-31.16	137.11	-500.83	18.56	-382.28	248.14
		963	11.62	55.59	-13.34	0.96	41.29	-27.95	118.97	-494.97	6.88	-382.89	237.17
		970	11.26	51.96	-14.31	0.70	36.94	-27.74	117.62	-481.30	-1.90	-361.78	239.37
		947	10.78	34.95	-28.60	0.27	6.07	-31.64	131.19	-482.05	8.10	-358.97	245.62
702	37	948	9.72	26.95	-24.22	0.42	2.31	-25.57	106.03	-471.24	12.01	-377.22	213.16
		963	10.36	45.67	-10.93	0.77	33.97	-22.92	91.52	-466.08	3.20	-377.76	203.59
		970	9.97	42.80	-11.71	0.57	30.51	-22.77	90.94	-448.45	-3.56	-353.95	205.04
		947	9.50	28.40	-23.75	0.20	4.45	-25.99	101.81	-449.63	3.71	-351.53	210.89
703	7	926	74.77	380.72	-119.74	314.79	-53.81	-169.26	4487.25	3072.64	4371.38	3188.51	-387.93
		925	22.09	178.98	-14.60	115.58	48.80	90.85	1461.51	863.48	917.60	1407.39	-171.57
		968	29.33	190.84	-9.87	1.33	179.64	46.06	1865.83	792.63	1098.71	1559.75	-484.56
		956	50.42	101.08	-300.92	-23.01	-176.83	185.70	2858.51	994.26	2403.33	1449.43	-800.86
703	31	926	54.89	280.00	-87.50	231.65	-39.14	-124.23	3293.20	2269.40	3209.21	2353.39	-280.95
		925	16.35	130.89	-11.07	84.91	34.91	66.43	1086.07	637.55	674.73	1048.89	-123.67
		968	21.53	138.78	-7.27	1.07	130.43	33.90	1370.15	592.38	807.86	1154.66	-348.09
		956	36.91	74.54	-220.76	-16.62	-129.60	136.41	2094.36	744.38	1763.25	1075.49	-580.82
703	37	926	46.85	240.54	-73.34	199.42	-32.22	-105.90	2806.66	1980.39	2738.45	2048.60	-227.39
		925	14.38	110.10	-10.59	72.67	26.85	55.83	970.07	554.58	579.25	945.40	-98.19
		968	18.39	114.18	-6.32	1.22	106.64	29.18	1171.37	538.14	693.41	1016.10	-272.43
		956	31.17	64.68	-187.87	-13.28	-109.91	116.67	1773.70	681.65	1500.96	954.39	-472.72
704	8	28	118.97	493.97	-14.51	493.97	-14.51	0.83	7153.76	2223.16	7129.15	2247.78	-347.51
		926	70.69	261.79	-207.66	261.68	-207.56	7.11	4661.31	2977.44	4467.18	3171.57	-537.78
		956	44.03	150.35	-20.73	148.88	-19.26	-15.82	2857.92	1096.97	2593.92	1360.97	-628.64
		905	69.67	-6.86	-171.55	-27.23	-151.19	54.22	5160.25	1887.07	5058.58	1988.74	-567.84
704	32	28	87.45	363.77	-9.05	363.77	-9.05	0.18	5260.90	1647.87	5244.55	1664.22	-242.53
		926	51.84	192.49	-152.02	192.41	-151.94	5.28	3418.40	2192.28	3274.34	2336.34	-394.82
		956	32.24	110.48	-15.13	109.45	-14.11	-11.30	2094.98	819.97	1905.03	1009.92	-453.99
		905	51.06	-4.63	-125.37	-19.79	-110.21	40.00	3783.71	1401.62	3710.73	1474.60	-410.50
704	37	28	74.80	312.60	-3.77	312.60	-3.77	-0.92	4508.32	1449.78	4498.70	1459.41	-171.28
		926	43.98	164.60	-128.54	164.52	-128.46	4.68	2902.49	1885.81	2774.86	2013.43	-336.84
		956	27.25	94.38	-12.65	93.64	-11.91	-8.86	1776.99	739.06	1624.40	891.65	-367.55
		905	43.28	-2.98	-105.50	-16.40	-92.07	34.58	3211.86	1241.14	3153.76	1299.25	-333.37
705	7	968	23.00	130.10	-7.88	15.41	106.81	51.69	1649.85	729.92	1100.60	1279.17	-451.22
		955	23.74	207.99	7.32	29.18	186.13	62.53	1151.65	99.59	174.37	1076.87	-270.35
		936	21.71	216.78	-5.70	13.29	197.79	62.16	943.04	164.04	209.55	897.54	-182.70
		964	17.33	122.37	-11.21	1.83	109.33	39.64	1197.03	533.72	851.12	879.63	-331.35
705	31	968	16.90	94.58	-6.13	11.33	77.12	38.13	1212.10	545.62	808.32	949.40	-325.69
		955	17.40	150.16	5.07	21.32	133.91	45.75	850.60	79.32	130.72	799.20	-192.35
		936	15.79	156.70	-4.27	9.74	142.68	45.38	689.72	123.83	155.51	658.04	-130.09
		964	12.66	88.67	-8.47	1.37	78.84	29.31	875.75	396.70	624.98	647.46	-239.26
705	37	968	14.48	77.77	-6.41	9.70	61.66	33.11	1037.97	496.09	690.80	843.27	-259.99
		955	14.76	120.03	3.29	17.84	105.48	38.56	743.20	86.75	120.25	709.71	-144.45
		936	13.02	125.87	-3.95	8.27	113.65	37.91	580.40	116.34	138.06	558.69	-98.01
		964	10.59	71.99	-8.05	1.26	62.69	25.66	737.53	354.15	533.74	557.93	-191.31
706	7	924	16.65	161.14	23.02	47.63	136.53	52.86	807.28	133.30	162.72	777.87	-137.69
		904	24.76	327.15	7.09	25.76	308.48	75.02	582.72	-79.81	-78.45	581.36	-30.07
		923	30.30	306.84	-0.46	34.13	272.25	97.12	974.56	-101.17	-78.08	951.48	155.89
		955	26.21	214.95	10.90	37.65	188.20	68.87	1294.97	4.38	88.85	1210.50	-319.18
706	31	924	12.42	116.15	16.36	34.67	97.84	38.62	614.03	105.48	125.59	593.91	-99.11
		904	18.23	234.70	5.07	18.50	221.27	53.89	449.52	-54.21	-53.59	448.90	-17.62
		923	22.12	221.13	-0.31	24.64	196.17	70.02	719.23	-73.97	-55.24	700.50	120.44
		955	19.19	155.08	7.71	27.55	135.25	50.30	954.50	11.82	69.05	897.27	-225.10
706	37	924	11.23	92.27	12.16	28.64	75.80	32.38	593.39	113.79	126.91	580.27	-78.24
		904	15.73	182.67	3.90	14.47	172.10	42.17	454.14	-32.87	-32.87	454.14	-0.69
		923	18.47	175.39	-0.18	19.70	155.51	55.64	626.47	-62.79	-40.45	604.13	122.07
		955	16.21	123.64	5.58	23.21	106.02	42.08	828.13	36.37	71.22	793.29	-162.41
707	8	967	25.78	34.27	-35.22	-33.43	32.48	11.01	1826.94	742.30	1803.71	765.53	-157.01
		964	17.05	123.44	-14.59	-4.73	113.59	35.54	1192.19	545.32	915.80	821.71	-320.00
		957	11.91	117.22	-18.96	-16.38	114.65	18.55	759.60	386.61	687.39	458.82	-147.38
		943	17.59	23.60	-34.26	-33.80	23.14	-5.13	1173.05	349.77	1172.62	350.20	-18.80
707	32	967	18.88	25.06	-25.94	-24.50	23.62	8.44	1338.63	549.27	1322.04	565.87	-113.24
		964	12.47	89.64	-10.92	-3.47	82.19	26.34	872.68	404.11	671.49	605.31	-231.94
		957	8.72	84.95	-13.95	-11.97	82.98	13.82	554.93	281.35	503.74	332.54	-106.70
		943	12.89	16.92	-25.03	-24.76	16.64	-3.40	859.30	253.95	859.02	254.23	-13.04
707	37	967	15.95	21.15	-22.29	-20.75	19.60	8.05	1133.48	480.36	1119.91	493.93	-93.18
		964	10.53	74.12	-9.80	-2.92	67.24	23.02	738.99	352.55	568.99	522.56	-191.82
		957	7.39	69.84	-11.94	-10.05	67.95	12.29	466.92	232.27	426.01	273.17	-89.02

		943	10.91	13.49	-21.04	-20.93	13.37	-2.02	726.08	209.73	725.84	209.97	-11.15
708	8	935	11.81	194.85	-3.28	-2.23	193.80	-14.37	214.95	-81.82	130.07	3.06	134.11
		921	14.86	286.13	0.30	0.34	286.09	3.38	61.16	-38.89	-6.82	29.09	46.69
		901	15.67	264.49	0.25	0.28	264.45	3.00	26.57	-189.01	-3.43	-159.01	74.61
		942	14.49	182.19	-3.11	-1.43	180.51	-17.59	211.13	-304.45	91.75	-185.07	217.48
708	32	935	8.80	141.41	-2.39	-1.64	140.67	-10.34	155.66	-72.35	94.94	-11.63	100.79
		921	10.59	207.86	0.22	0.25	207.83	2.46	36.75	-34.29	-4.84	7.30	35.00
		901	11.66	192.23	0.18	0.21	192.20	2.18	17.85	-153.83	-2.38	-133.60	55.35
		942	10.80	132.30	-2.26	-1.05	131.09	-12.71	152.24	-238.05	66.83	-152.64	161.37
708	37	935	7.84	116.73	-1.98	-1.40	116.14	-8.32	126.58	-93.46	79.55	-46.42	90.20
		921	9.05	172.05	0.18	0.21	172.03	2.06	16.76	-51.19	-3.75	-30.68	31.20
		901	10.38	159.34	0.16	0.18	159.32	1.83	11.93	-172.03	-1.72	-158.39	48.21
		942	9.65	109.39	-1.85	-0.88	108.41	-10.35	122.22	-241.06	55.65	-174.49	140.54
709	8	891	12.83	12.45	-80.85	10.44	-78.83	-13.56	274.32	-612.38	-109.57	-228.48	439.35
		951	14.37	44.40	-38.23	19.45	-13.28	-37.93	286.04	-564.29	-71.94	-206.31	419.82
		952	14.62	43.42	-37.29	20.36	-14.23	-36.46	225.60	-638.76	-140.26	-272.90	427.06
		910	13.10	16.65	-77.87	13.27	-74.49	-17.56	245.78	-636.90	-129.47	-261.65	436.36
709	32	891	9.50	8.89	-58.97	7.47	-57.55	-9.69	197.62	-465.58	-82.67	-185.30	327.60
		951	10.67	31.98	-27.79	14.02	-9.82	-27.40	206.15	-430.39	-55.53	-168.71	313.20
		952	10.87	31.31	-27.10	14.71	-10.50	-26.34	161.67	-485.65	-105.63	-218.35	318.72
		910	9.71	11.93	-56.84	9.54	-54.45	-12.59	176.82	-483.85	-97.19	-209.83	325.50
709	37	891	8.62	6.95	-49.38	5.91	-48.34	-7.60	155.75	-441.91	-79.13	-207.03	291.90
		951	9.43	25.79	-23.00	11.33	-8.54	-22.28	164.43	-410.93	-55.25	-191.25	279.53
		952	9.65	25.31	-22.41	11.95	-9.05	-21.43	126.48	-460.02	-98.10	-235.44	285.10
		910	8.55	9.44	-47.71	7.63	-45.91	-10.00	138.52	-458.32	-91.44	-228.35	290.46
710	8	893	15.84	-13.16	-104.84	-14.99	-103.01	-12.83	822.96	-203.18	454.50	165.28	492.27
		944	14.67	25.51	-40.16	-11.16	-3.49	-32.61	815.68	7.68	622.56	200.80	344.60
		945	13.07	29.19	-36.31	-1.12	-6.00	-32.66	551.37	-239.46	320.55	-8.64	359.53
		908	14.54	-5.04	-101.84	-8.21	-98.68	-17.21	656.02	-313.43	309.71	32.88	464.54
710	32	893	11.60	-9.86	-76.31	-11.15	-75.02	-9.17	601.16	-157.85	331.82	111.49	363.16
		944	10.78	18.14	-29.19	-8.40	-2.65	-23.49	596.67	-2.43	454.82	139.41	254.67
		945	9.65	20.86	-26.36	-1.00	-4.50	-23.54	401.97	-187.61	233.21	-18.85	266.49
		908	10.66	-3.93	-74.16	-6.17	-71.91	-12.35	478.39	-240.58	225.72	12.09	343.25
710	37	893	9.79	-8.87	-63.46	-9.84	-62.50	-7.20	501.06	-158.02	276.06	66.97	312.52
		944	9.17	14.07	-24.16	-7.64	-2.45	-18.94	500.94	-22.83	381.72	96.40	219.62
		945	8.35	16.42	-21.71	-1.26	-4.03	-19.02	333.31	-191.24	192.75	-50.68	232.33
		908	9.03	-3.90	-61.78	-5.62	-60.06	-9.83	395.84	-233.75	185.84	-23.75	296.84
711	8	908	14.40	-4.73	-99.10	-19.59	-84.24	-34.37	647.44	-313.23	486.66	-152.45	358.61
		945	13.17	29.79	-36.55	-15.45	8.68	-30.90	556.25	-239.51	464.18	-147.45	254.53
		946	13.63	39.12	-37.41	-10.01	11.73	-36.69	390.53	-431.46	281.72	-322.65	278.57
		892	13.05	3.70	-92.01	-12.46	-75.84	-35.86	431.69	-476.35	284.06	-328.72	335.05
711	32	908	10.56	-3.70	-72.15	-14.37	-61.48	-24.83	472.05	-240.47	356.08	-124.50	263.02
		945	9.72	21.28	-26.55	-11.33	6.05	-22.28	405.57	-187.61	339.27	-121.31	186.90
		946	10.10	28.13	-27.16	-7.32	8.29	-26.52	283.26	-331.17	205.51	-253.41	204.28
		892	9.60	2.49	-67.05	-9.13	-55.43	-25.94	313.25	-363.20	207.64	-257.59	245.53
711	37	908	8.95	-3.69	-60.06	-12.22	-51.53	-20.19	390.36	-233.79	297.50	-140.93	222.12
		945	8.41	16.71	-21.92	-9.62	4.41	-18.00	336.41	-191.15	284.02	-138.75	157.79
		946	8.86	22.56	-22.40	-6.16	6.31	-21.60	230.78	-321.21	170.45	-260.88	172.23
		892	8.42	1.57	-56.00	-7.73	-46.69	-21.19	254.14	-347.13	171.51	-264.49	207.02
712	7	931	13.06	207.19	-3.97	-3.97	207.19	-0.70	255.62	191.30	191.37	255.55	2.20
		902	19.70	308.61	0.56	1.54	307.64	17.31	277.37	-15.90	-14.21	275.68	22.22
		921	15.51	291.42	0.34	1.22	290.54	15.97	80.30	-34.36	-3.92	49.86	50.63
		935	11.63	199.46	-3.31	-3.13	199.27	-6.08	213.59	-55.84	142.19	15.56	118.91
712	31	931	9.32	150.03	-2.90	-2.90	150.03	-0.34	176.93	139.54	140.18	176.29	4.85
		902	14.14	223.73	0.41	1.12	223.03	12.56	192.21	-11.59	-10.15	190.77	17.08
		921	11.03	211.42	0.25	0.89	210.78	11.59	48.47	-30.21	-2.65	20.91	37.53
		935	8.68	144.55	-2.40	-2.28	144.42	-4.31	154.52	-54.76	104.02	-4.25	89.55
712	37	931	7.11	121.35	-2.44	-2.44	121.35	0.26	131.05	101.62	118.63	114.05	14.54
		902	11.06	181.80	0.36	0.94	181.23	10.24	127.56	-9.90	-7.76	125.42	17.03
		921	9.05	172.28	0.22	0.74	171.76	9.47	19.58	-53.74	-1.54	-32.62	33.20
		935	7.87	117.30	-1.97	-1.88	117.22	-3.19	126.37	-92.84	87.57	-54.04	83.66
713	7	929	12.77	40.29	-25.14	2.64	12.52	-32.34	339.96	-422.50	-18.53	-64.01	380.55
		916	4.00	20.86	0.02	0.24	20.63	-2.15	67.86	-184.28	-29.16	-87.27	122.68
		896	2.60	0.30	-12.10	0.30	-12.10	-0.07	106.99	-67.28	-15.17	54.87	79.79
		927	10.37	21.49	-23.29	2.56	-4.36	-22.12	338.95	-310.15	-33.04	61.84	321.06
713	31	929	9.33	29.29	-18.13	1.92	9.24	-23.43	247.39	-310.54	-13.47	-49.68	278.38
		916	2.96	15.52	0.01	0.17	15.36	-1.58	47.78	-136.88	-21.14	-67.96	89.31
		896	1.90	0.22	-8.34	0.22	-8.34	-0.07	79.81	-47.76	-10.94	42.99	57.80
		927	7.56	15.69	-16.71	1.86	-2.88	-16.02	248.64	-224.88	-24.17	47.93	234.00
713	37	929	7.80	24.05	-14.45	1.56	8.04	-18.97	204.12	-266.23	-11.06	-51.04	234.33
		916	2.61	13.92	0.01	0.14	13.79	-1.33	34.64	-122.30	-17.18	-70.48	73.81
		896	1.60	0.18	-5.37	0.18	-5.37	-0.11	72.43	-35.75	-8.71	45.39	46.84
		927	6.26	13.10	-13.03	1.52	-1.45	-12.98	211.63	-182.94	-20.34	49.03	194.21
714	8	960	15.73	86.35	-15.98	-1.19	71.56	-35.98	187.92	-619.17	58.16	-489.41	296.47
		938	16.67	134.17	-3.98	-0.48	130.68	-21.69	149.54	-603.06	28.42	-481.94	276.55
		940	16.34	116.01	-4.74	-0.48	111.75	-22.26	141.72	-636.74	16.46	-511.48	286.03
		963	15.68	77.03	-18.93	-1.52	59.62	-36.98	168.62	-653.30	31.63	-516.30	306.32

714	32	960	11.72	62.59	-11.58	-0.87	51.88	-26.07	134.18	-471.60	41.66	-379.08	217.91
		938	12.44	97.50	-2.87	-0.35	94.98	-15.71	106.35	-459.90	20.31	-373.86	203.27
		940	12.19	84.33	-3.42	-0.35	81.26	-16.13	100.45	-483.85	11.57	-394.97	209.84
		963	11.67	55.85	-13.72	-1.11	43.24	-26.80	119.85	-495.72	22.30	-398.17	224.80
714	37	960	10.47	51.45	-9.50	-0.74	42.69	-21.38	104.49	-448.25	32.57	-376.33	185.96
		938	11.17	80.81	-2.34	-0.30	78.77	-12.86	82.23	-438.33	15.99	-372.09	173.48
		940	10.93	69.99	-2.77	-0.28	67.51	-13.22	77.00	-456.87	8.66	-388.53	178.37
		963	10.39	45.96	-11.26	-0.92	35.62	-22.02	92.17	-466.61	16.37	-390.81	191.34
715	7	955	25.11	208.84	3.89	17.61	195.12	51.22	1230.32	50.79	187.05	1094.05	-377.04
		923	29.16	310.79	-4.33e-03	14.12	296.67	64.72	888.50	-84.63	-83.36	887.24	35.05
		903	27.83	316.98	0.65	15.82	301.81	67.59	788.23	-48.46	-42.41	782.18	70.92
		936	22.37	216.56	-4.04	8.37	204.16	50.82	983.78	119.75	198.60	904.92	-248.83
715	31	955	18.37	150.69	2.62	12.88	140.43	37.60	906.64	44.54	139.60	811.58	-270.02
		923	21.31	223.97	0.01	10.21	213.77	46.70	660.00	-60.57	-59.40	658.82	29.03
		903	20.25	229.16	0.49	11.47	218.18	48.89	578.27	-35.06	-30.25	573.46	54.12
		936	16.27	156.51	-3.04	6.15	147.32	37.18	719.15	92.07	147.46	663.75	-177.95
715	37	955	15.49	120.18	1.41	10.82	110.78	32.08	785.55	60.42	126.44	719.53	-208.61
		923	17.88	177.63	0.06	8.24	169.45	37.21	588.18	-46.86	-44.88	586.20	35.37
		903	16.70	184.12	0.45	9.31	175.26	39.36	492.29	-28.37	-22.96	486.88	52.79
		936	13.39	125.62	-2.86	5.28	117.47	31.30	604.01	91.67	131.16	564.52	-136.65
716	7	895	53.75	33.50	-161.06	33.22	-160.78	7.35	3750.33	1125.42	3636.21	1239.54	535.29
		956	45.44	223.63	34.18	115.40	142.41	-93.76	3004.40	1360.25	2993.69	1370.96	-132.26
		967	29.13	42.98	-114.39	-96.87	25.46	49.50	1820.11	689.08	1819.41	689.79	-28.23
		906	40.03	44.97	-108.29	-3.55	-59.77	-71.29	2822.62	755.74	2716.06	862.30	457.05
716	32	895	39.41	24.87	-116.12	24.62	-115.87	5.89	2758.47	843.59	2670.97	931.09	399.87
		956	33.31	163.22	26.16	84.77	104.62	-67.81	2203.79	1024.40	2196.77	1031.42	-90.74
		967	21.32	31.87	-84.76	-71.31	18.42	37.25	1334.57	514.98	1334.35	515.20	-13.45
		906	29.42	32.66	-77.54	-2.72	-42.16	-51.45	2075.94	564.53	1994.18	646.29	341.88
716	37	895	33.36	21.39	-96.75	21.14	-96.49	5.48	2347.56	747.96	2270.75	824.77	342.01
		956	28.26	137.62	23.23	72.01	88.83	-56.57	1868.73	906.39	1862.73	912.39	-75.74
		967	18.02	27.45	-72.57	-60.60	15.48	32.46	1129.87	451.57	1129.70	451.74	-10.82
		906	24.93	27.36	-64.14	-2.37	-34.40	-42.85	1763.45	498.72	1692.28	569.89	291.45
717	8	933	16.44	102.44	-4.61	-1.95	99.78	-16.66	182.09	-670.51	40.28	-528.70	317.48
		918	14.49	137.07	-0.03	0.22	136.81	5.87	17.41	-512.46	6.99	-502.04	73.57
		898	12.66	110.83	0.30	0.54	110.59	5.16	25.19	-475.38	12.88	-463.06	77.55
		932	15.46	87.97	-6.02	-2.32	84.28	-18.27	182.79	-642.56	32.62	-492.39	318.42
717	32	933	12.23	74.52	-3.34	-1.42	72.60	-12.07	129.50	-506.52	29.15	-406.17	231.85
		918	10.87	99.84	-0.02	0.16	99.65	4.28	12.18	-393.76	5.18	-386.76	52.87
		898	9.50	80.82	0.22	0.40	80.65	3.77	17.85	-364.16	9.48	-355.79	55.92
		932	11.48	64.03	-4.35	-1.68	61.35	-13.25	129.92	-483.92	23.57	-377.57	232.32
717	37	933	10.89	61.97	-2.72	-1.17	60.42	-9.89	100.43	-470.67	23.87	-394.11	194.58
		918	9.89	83.36	-0.02	0.14	83.21	3.59	9.09	-382.43	4.50	-377.84	42.14
		898	8.66	67.75	0.18	0.33	67.60	3.18	13.82	-350.71	8.15	-345.04	45.11
		932	10.17	53.33	-3.54	-1.38	51.16	-10.88	100.77	-445.92	19.27	-364.42	194.71
718	8	889	12.77	23.91	-58.79	13.39	-48.27	-27.55	202.23	-593.48	-128.05	-263.20	392.07
		947	14.71	47.88	-40.97	19.36	-12.45	-41.48	189.88	-644.15	-154.22	-300.05	410.59
		950	14.08	45.50	-42.25	18.03	-14.78	-40.69	217.06	-577.00	-142.58	-217.37	395.27
		912	12.72	27.40	-55.76	14.13	-42.49	-30.45	212.75	-556.98	-117.87	-226.35	381.02
718	32	889	9.44	17.15	-42.96	9.66	-35.47	-19.85	145.40	-447.93	-95.26	-207.28	291.33
		947	10.90	34.56	-29.81	14.00	-9.25	-30.01	135.72	-486.79	-114.93	-236.13	305.30
		950	10.39	32.83	-30.73	13.05	-10.94	-29.43	156.27	-433.96	-105.88	-171.81	293.27
		912	9.39	19.67	-40.78	10.21	-31.32	-21.96	153.41	-419.44	-87.56	-178.47	282.79
718	37	889	8.26	13.64	-36.21	7.83	-30.40	-15.99	113.80	-417.32	-87.88	-215.64	257.76
		947	9.60	28.02	-24.76	11.43	-8.17	-24.51	105.76	-453.82	-103.82	-244.24	270.84
		950	9.05	26.60	-25.49	10.66	-9.54	-24.01	125.04	-399.46	-94.99	-179.43	258.83
		912	8.16	15.65	-34.45	8.29	-27.09	-17.74	121.46	-388.47	-80.81	-186.20	249.46
719	8	912	12.65	27.36	-54.88	-8.99	-18.53	-40.84	208.08	-555.96	89.64	-437.52	276.52
		950	14.07	45.44	-42.76	-8.96	11.64	-42.88	215.13	-577.26	79.37	-441.50	298.58
		949	13.83	48.34	-44.02	-9.78	14.09	-44.61	291.93	-470.42	120.38	-298.87	318.36
		888	12.15	30.80	-48.78	-9.85	-8.13	-39.78	256.23	-449.80	119.98	-313.55	278.62
719	32	912	9.34	19.64	-40.12	-6.53	-13.94	-29.65	149.93	-418.67	65.50	-334.24	202.18
		950	10.38	32.78	-31.12	-6.51	8.16	-31.09	154.83	-434.17	57.81	-337.15	218.47
		949	10.16	34.91	-32.01	-7.08	9.97	-32.35	212.69	-350.94	88.76	-227.01	233.43
		888	8.93	22.09	-35.67	-7.14	-6.44	-28.88	186.09	-336.39	88.05	-238.34	203.99
719	37	912	8.12	15.65	-33.84	-5.39	-12.80	-24.47	118.39	-387.81	51.90	-321.33	170.98
		950	9.04	26.50	-25.87	-5.37	6.00	-25.56	123.71	-399.69	46.96	-322.93	185.15
		949	8.73	28.32	-26.54	-5.80	7.58	-26.61	177.50	-315.91	75.87	-214.27	199.54
		888	7.66	17.53	-30.13	-5.86	-6.74	-23.82	151.76	-306.05	72.06	-226.35	173.60
720	7	887	12.80	44.84	-38.60	13.96	-7.72	-40.29	493.83	-211.84	160.83	121.15	352.28
		928	14.70	53.46	-44.58	13.92	-5.04	-48.09	450.14	-354.65	4.65	90.85	400.08
		953	16.58	60.63	-38.59	28.93	-6.90	-46.26	727.91	-192.33	39.84	495.74	399.69
		914	14.94	59.14	-28.22	28.36	2.56	-41.73	750.79	-71.42	355.77	323.60	410.79
720	31	887	9.36	32.19	-28.18	10.17	-6.16	-29.06	365.06	-153.13	120.72	91.21	258.68
		928	10.76	38.55	-32.37	10.13	-3.94	-34.76	332.02	-260.50	5.31	66.21	294.69
		953	12.23	43.75	-27.95	21.03	-5.23	-33.36	546.70	-134.57	33.95	378.18	293.96
		914	10.99	42.62	-20.67	20.71	1.24	-30.11	558.87	-46.74	266.32	245.81	302.63
720	37	887	7.88	25.14	-23.58	8.41	-6.86	-23.13	319.63	-122.98	111.54	85.11	220.91

		928	9.11	30.68	-26.48	8.33	-4.12	-27.89	288.36	-222.76	10.66	54.94	254.60
		953	10.63	34.90	-22.65	17.26	-5.01	-26.53	506.44	-93.85	44.10	368.49	252.54
		914	9.46	33.85	-17.54	17.33	-1.01	-24.00	501.66	-21.64	243.77	236.25	261.63
721	8	953	16.58	55.15	-38.58	20.06	-3.48	-45.36	724.14	-215.77	66.20	442.17	430.72
		954	12.09	27.45	-36.93	6.42	-15.90	-30.19	430.96	-280.51	-90.55	241.00	314.74
		867	8.43	18.01	-35.39	11.34	-28.72	-17.66	351.85	-111.26	-104.90	345.49	53.91
		868	12.59	54.12	-18.10	40.49	-4.47	-28.26	695.22	5.12	33.60	666.74	137.28
721	32	953	12.21	39.82	-28.01	14.61	-2.80	-32.78	541.95	-152.38	51.55	338.03	316.24
		954	8.87	19.95	-26.63	4.66	-11.35	-21.87	321.23	-202.94	-67.27	185.55	229.58
		867	6.38	13.04	-25.48	8.23	-20.68	-12.72	275.18	-80.91	-77.03	271.30	36.97
		868	9.51	39.15	-13.11	29.41	-3.38	-20.34	533.02	7.46	27.79	512.69	101.36
721	37	953	10.62	32.34	-23.14	12.11	-2.90	-26.71	493.42	-116.75	50.76	325.91	272.30
		954	7.63	16.55	-21.56	3.82	-8.83	-17.98	290.27	-167.07	-59.88	183.08	193.73
		867	6.01	10.74	-20.51	6.82	-16.59	-10.35	281.49	-68.28	-66.45	279.66	25.27
		868	8.89	32.02	-10.76	24.29	-3.03	-16.46	517.17	14.19	30.39	500.98	88.79
722	7	965	13.54	49.96	-38.75	49.25	-38.04	-7.92	387.97	-359.26	-356.65	385.37	44.04
		929	11.09	38.77	-24.07	37.34	-22.65	-9.36	280.68	-361.60	-356.69	275.77	55.93
		927	10.05	20.96	-24.41	20.96	-24.41	0.10	328.71	-293.50	-293.44	328.65	-6.13
		954	11.23	26.30	-36.49	25.61	-35.80	6.53	408.76	-238.53	-226.06	396.29	-88.96
722	31	965	9.91	36.16	-28.04	35.65	-27.53	-5.70	285.48	-263.41	-261.45	283.52	32.74
		929	8.10	28.17	-17.35	27.11	-16.29	-6.86	204.08	-266.28	-262.41	200.21	42.49
		927	7.33	15.30	-17.53	15.30	-17.53	-0.05	241.32	-212.89	-212.81	241.24	-5.86
		954	8.23	19.08	-26.26	18.59	-25.77	4.65	305.54	-171.11	-160.54	294.96	-70.21
722	37	965	8.34	29.18	-22.62	28.78	-22.22	-4.51	245.71	-223.70	-221.87	243.89	29.23
		929	6.79	23.11	-13.77	22.17	-12.83	-5.82	167.87	-229.92	-225.68	163.63	40.84
		927	6.08	12.76	-13.71	12.75	-13.70	-0.46	205.99	-173.42	-173.19	205.76	-9.37
		954	7.02	15.54	-20.70	15.19	-20.36	3.50	279.03	-133.92	-119.54	264.66	-75.69
723	8	914	17.16	49.09	-41.69	-10.88	18.28	-42.98	880.18	-62.32	657.35	160.51	400.45
		953	21.63	73.86	-38.97	25.38	9.50	-55.85	884.33	-393.03	76.81	414.50	615.96
		868	17.63	38.05	-22.73	30.64	-15.32	-19.89	1020.45	-84.16	-83.12	1019.41	-33.90
		36	27.95	143.15	3.85	113.34	33.66	-57.13	1860.18	281.29	1228.49	912.97	773.52
723	32	914	12.60	35.26	-30.47	-7.95	12.74	-31.20	652.03	-40.85	488.19	122.99	294.41
		953	16.03	53.61	-28.29	18.69	6.63	-40.51	663.75	-287.04	58.80	317.91	457.41
		868	13.49	27.14	-16.57	22.07	-11.51	-13.99	787.33	-61.67	-60.42	786.08	-32.56
		36	21.10	104.43	2.35	83.06	23.71	-41.53	1409.69	216.41	924.22	701.88	586.19
723	37	914	10.82	28.05	-25.59	-6.61	9.07	-25.65	573.92	-24.02	431.35	118.55	254.80
		953	14.15	44.09	-23.33	15.90	4.86	-33.26	608.86	-244.21	55.55	309.10	407.26
		868	13.03	21.37	-13.74	17.79	-10.15	-10.63	776.02	-54.84	-52.13	773.31	-47.39
		36	19.64	86.84	0.86	70.00	17.70	-34.12	1324.95	208.66	849.38	684.23	552.00
724	8	910	13.06	16.73	-75.81	-2.32	-56.76	-37.42	242.43	-636.68	86.48	-480.72	335.83
		952	14.64	43.69	-37.67	-1.26	7.28	-40.45	226.39	-638.04	74.51	-486.15	328.97
		948	14.88	46.14	-39.63	-0.94	7.45	-42.68	196.27	-664.84	40.36	-508.93	331.59
		890	13.07	19.19	-68.69	-2.01	-47.49	-37.60	207.46	-652.78	55.68	-500.99	327.92
724	32	910	9.68	11.99	-55.32	-1.72	-41.61	-27.10	174.35	-483.72	62.88	-372.26	246.84
		952	10.88	31.48	-27.39	-0.94	5.03	-29.29	162.27	-485.10	53.65	-376.47	241.91
		948	11.05	33.30	-28.81	-0.69	5.18	-30.92	140.24	-504.05	28.73	-392.53	243.74
		890	9.69	13.76	-50.18	-1.48	-34.93	-27.25	148.87	-495.01	40.37	-386.51	241.02
724	37	910	8.53	9.50	-46.38	-1.49	-35.39	-22.21	136.39	-458.35	48.79	-370.75	210.77
		952	9.66	25.40	-22.72	-0.83	3.52	-23.96	127.03	-459.50	41.67	-374.14	206.84
		948	9.79	26.99	-23.87	-0.60	3.71	-25.34	108.71	-473.94	20.81	-386.04	208.53
		890	8.57	10.92	-42.23	-1.28	-30.02	-22.36	115.37	-466.76	29.81	-381.20	206.12
725	7	928	14.78	54.51	-45.62	3.90	4.99	-50.06	459.94	-344.29	101.28	14.37	399.76
		965	13.81	50.17	-38.39	6.36	5.42	-44.28	401.60	-366.54	-10.83	45.90	383.02
		954	11.20	28.18	-35.78	7.78	-15.38	-29.81	404.37	-239.87	-81.69	246.18	277.28
		953	16.18	59.18	-39.57	20.81	-1.20	-48.14	659.80	-242.16	44.55	373.09	420.00
725	31	928	10.83	39.32	-33.12	2.86	3.33	-36.22	339.57	-252.66	76.91	10.00	294.22
		965	10.11	36.31	-27.78	4.64	3.89	-32.04	295.79	-269.03	-7.09	33.86	281.67
		954	8.22	20.40	-25.73	5.63	-10.97	-21.52	302.80	-172.02	-59.73	190.52	201.76
		953	11.93	42.76	-28.67	15.19	-1.11	-34.77	495.24	-173.18	35.30	286.76	309.66
725	37	928	9.16	31.30	-27.09	2.43	1.78	-29.19	295.95	-215.34	73.83	6.78	253.44
		965	8.54	29.30	-22.39	3.87	3.04	-25.85	255.49	-229.37	-3.30	29.42	241.88
		954	7.01	16.50	-20.25	4.56	-8.31	-17.21	278.31	-134.47	-50.20	194.04	166.38
		953	10.37	34.27	-23.26	12.67	-1.66	-27.86	457.92	-133.40	38.45	286.07	268.49
726	8	963	15.72	77.19	-18.95	23.33	34.90	-47.72	169.37	-654.93	-176.35	-309.21	406.77
		940	16.30	115.95	-4.46	20.50	90.99	-48.81	141.77	-634.61	-179.30	-313.54	382.34
		933	15.60	102.18	-5.15	18.34	78.69	-44.37	140.68	-630.43	-186.03	-303.71	381.04
		970	15.14	70.82	-19.46	22.16	29.20	-45.00	165.39	-638.43	-188.76	-284.28	399.06
726	32	963	11.70	55.95	-13.74	16.91	25.30	-34.59	120.43	-496.95	-131.78	-244.74	303.48
		940	12.16	84.28	-3.22	14.87	66.19	-35.44	100.49	-482.28	-133.56	-248.24	285.69
		933	11.62	74.32	-3.72	13.31	57.29	-32.24	99.61	-477.62	-138.10	-239.91	284.09
		970	11.24	51.37	-14.10	16.06	21.21	-32.64	117.51	-482.55	-140.41	-224.63	297.06
726	37	963	10.42	46.00	-11.30	13.87	20.83	-28.44	92.71	-467.73	-118.69	-256.33	271.64
		940	10.90	69.92	-2.61	12.25	55.06	-29.28	77.02	-455.51	-118.76	-259.73	256.77
		933	10.39	61.80	-3.01	11.00	47.79	-26.68	76.26	-447.40	-121.74	-249.40	253.93
		970	9.96	42.35	-11.56	13.20	17.59	-26.87	90.63	-449.40	-124.83	-233.94	264.45
727	8	969	15.19	102.67	-12.15	-11.66	102.17	-7.53	217.29	-520.54	197.24	-500.48	119.98
		930	16.59	159.09	-2.72	-0.11	156.47	20.39	155.54	-529.59	133.54	-507.60	120.78

		938	16.73	134.38	-4.03	-3.05	133.39	11.63	149.96	-605.43	129.28	-584.75	123.26
		960	15.73	86.42	-16.43	-14.31	84.30	-14.63	188.22	-617.85	165.65	-595.27	133.00
727	32	969	11.32	74.43	-8.80	-8.45	74.08	-5.42	156.10	-398.88	142.94	-385.72	84.44
		930	12.38	115.59	-1.97	-0.06	113.68	14.86	111.04	-405.84	96.74	-391.55	84.75
		938	12.49	97.66	-2.91	-2.18	96.93	8.50	106.69	-461.66	93.33	-448.30	86.11
		960	11.72	62.65	-11.91	-10.37	61.12	-10.59	134.38	-470.61	119.59	-455.81	93.44
727	37	969	10.12	61.22	-7.20	-6.92	60.94	-4.35	123.89	-384.95	116.37	-377.42	61.42
		930	11.11	95.77	-1.61	0.01	94.15	12.45	86.74	-391.63	78.79	-383.69	61.13
		938	11.21	80.97	-2.35	-1.72	80.34	7.21	82.58	-439.89	75.28	-432.59	61.33
		960	10.47	51.55	-9.76	-8.52	50.30	-8.64	104.62	-447.36	96.11	-438.86	67.97
728	7	934	17.47	214.02	-4.36	-2.79	212.45	18.45	594.77	174.27	226.75	542.29	-138.98
		922	23.99	318.55	0.73	4.36	314.92	33.78	528.37	-27.59	-27.29	528.07	13.02
		902	19.77	309.15	0.64	4.06	305.73	32.33	280.73	-16.13	-10.47	275.06	40.62
		931	13.11	207.50	-4.00	-3.54	207.04	9.86	257.79	192.30	192.45	257.63	3.21
728	31	934	12.61	154.84	-3.22	-2.03	153.66	13.63	428.68	129.85	166.65	391.88	-98.20
		922	17.35	230.69	0.54	3.18	228.06	24.48	381.37	-19.84	-19.56	381.10	10.54
		902	14.20	224.14	0.47	2.96	221.65	23.45	194.73	-11.83	-7.34	190.24	30.13
		931	9.36	150.27	-2.92	-2.57	149.92	7.31	178.20	140.59	141.26	177.53	4.97
728	37	934	10.06	124.80	-2.81	-1.69	123.67	11.91	340.23	116.91	142.79	314.35	-71.48
		922	13.98	186.67	0.48	2.62	184.53	19.85	304.50	-15.62	-15.16	304.04	12.16
		902	11.11	182.18	0.41	2.44	180.16	19.08	130.01	-10.43	-5.15	124.73	26.72
		931	7.13	121.59	-2.45	-2.11	121.26	6.45	130.33	104.27	120.44	114.16	12.65
729	8	932	15.36	87.27	-5.87	-2.62	84.01	-17.10	184.62	-637.83	39.71	-492.92	313.35
		898	12.71	110.67	0.02	0.37	110.31	6.28	25.89	-477.59	16.31	-468.01	68.79
		917	10.39	82.98	0.04	0.25	82.77	4.14	42.95	-411.37	23.67	-392.10	91.56
		939	14.23	66.44	-10.69	-3.47	59.22	-22.47	214.58	-586.84	42.14	-414.40	329.34
729	32	932	11.41	63.50	-4.24	-1.90	61.16	-12.39	131.27	-480.41	28.78	-377.91	228.45
		898	9.54	80.69	9.93e-03	0.27	80.43	4.58	18.35	-365.80	11.94	-359.39	49.20
		917	7.79	60.61	0.03	0.18	60.46	3.03	30.55	-313.57	17.37	-300.38	66.05
		939	10.52	48.36	-7.73	-2.52	43.15	-16.29	153.29	-439.46	30.62	-316.79	240.14
729	37	932	10.10	52.88	-3.45	-1.56	50.99	-10.16	101.90	-442.83	23.71	-364.64	191.00
		898	8.69	67.60	3.67e-03	0.22	67.38	3.86	14.22	-352.17	10.09	-348.04	38.67
		917	7.09	51.08	0.03	0.16	50.95	2.59	23.93	-297.93	14.77	-288.78	53.50
		939	9.19	40.31	-6.29	-2.07	36.09	-13.38	121.02	-398.63	25.49	-303.10	201.29
730	7	888	12.15	32.00	-49.24	-11.92	-5.33	-40.48	246.55	-447.90	116.20	-317.55	271.16
		949	13.87	48.64	-45.05	-12.37	15.97	-44.65	290.96	-468.46	127.72	-305.22	311.95
		928	14.52	54.19	-43.94	-9.27	19.52	-46.90	451.18	-339.85	209.44	-98.12	364.40
		913	12.14	39.33	-41.91	-9.80	7.22	-39.72	372.75	-302.50	218.29	-148.04	283.62
730	31	888	8.92	22.90	-35.96	-8.63	-4.43	-29.36	178.95	-335.05	85.76	-241.85	198.03
		949	10.18	35.04	-32.73	-8.95	11.26	-32.34	211.50	-349.84	94.19	-232.53	228.23
		928	10.64	39.10	-31.89	-6.66	13.87	-33.97	333.13	-249.37	156.23	-72.48	267.86
		913	8.88	28.18	-30.60	-7.05	4.63	-28.81	273.73	-222.80	161.55	-110.62	207.64
730	37	888	7.62	17.69	-30.12	-6.97	-5.46	-23.89	146.65	-306.45	74.65	-234.45	165.65
		949	8.70	27.73	-26.85	-7.22	8.11	-26.19	174.16	-318.04	81.75	-225.62	192.21
		928	9.00	31.16	-26.03	-5.22	10.36	-27.51	290.43	-212.43	141.27	-63.27	229.69
		913	7.46	21.85	-25.62	-5.56	1.80	-23.45	233.91	-192.52	142.00	-100.61	175.34
731	7	964	17.11	122.87	-14.40	-6.43	114.90	32.10	1180.42	544.36	899.14	825.64	-315.90
		936	21.27	216.00	-3.60	7.21	205.20	47.50	916.74	162.71	237.75	841.71	-225.72
		934	17.14	215.23	-4.85	2.66	207.71	39.97	580.12	197.57	228.46	549.23	-104.23
		957	11.78	119.34	-17.52	-15.08	116.91	18.08	751.49	389.57	669.41	471.65	-151.56
731	31	964	12.50	89.03	-10.79	-4.72	82.96	23.85	863.59	404.30	659.62	608.27	-228.21
		936	15.48	156.13	-2.74	5.29	148.11	34.80	670.74	122.81	175.60	617.95	-161.67
		934	12.37	155.74	-3.58	1.97	150.19	29.22	418.58	146.26	168.19	396.66	-74.09
		957	8.53	86.32	-12.89	-11.02	84.44	13.51	548.36	283.71	490.75	341.31	-109.21
731	37	964	10.46	72.26	-9.95	-4.02	66.33	21.27	727.30	359.96	561.35	525.91	-182.81
		936	12.77	125.40	-2.69	4.49	118.22	29.46	565.27	115.36	153.25	527.39	-124.94
		934	9.89	125.63	-3.13	1.73	120.77	24.54	333.68	128.74	145.02	317.41	-55.41
		957	7.18	69.52	-11.14	-9.23	67.61	12.27	457.68	234.23	416.57	275.35	-86.58
732	7	966	10.30	114.06	-15.48	-13.70	112.28	-15.08	494.69	155.45	492.01	158.12	30.02
		931	12.79	207.80	-4.10	-4.09	207.79	-1.53	242.73	206.21	208.58	240.35	-9.01
		935	11.67	199.40	-3.37	-3.13	199.16	-6.96	199.56	-38.77	152.51	8.28	94.87
		961	11.58	109.00	-14.62	-9.85	104.23	-23.80	372.53	-110.77	331.89	-70.13	134.12
732	31	966	7.61	82.44	-11.30	-10.07	81.20	-10.68	362.11	103.65	359.86	105.90	24.01
		931	9.13	150.48	-3.00	-3.00	150.48	-0.93	166.51	151.45	152.61	165.35	-4.02
		935	8.70	144.51	-2.44	-2.28	144.34	-4.94	144.62	-42.58	111.42	-9.39	71.50
		961	8.62	78.80	-10.61	-7.21	75.40	-17.09	271.79	-95.85	242.36	-66.42	99.76
732	37	966	6.66	66.17	-9.44	-8.61	65.34	-7.85	305.67	54.73	302.76	57.63	26.84
		931	6.95	121.75	-2.53	-2.53	121.75	-0.16	129.56	104.40	128.56	105.40	4.92
		935	7.86	117.27	-2.00	-1.89	117.15	-3.65	118.74	-83.16	93.33	-57.75	66.97
		961	7.74	63.32	-8.66	-6.09	60.75	-13.37	226.71	-128.77	202.66	-104.71	89.29
733	8	937	16.30	173.79	-2.46	-1.99	173.32	-9.12	195.99	-463.34	79.50	-346.85	251.47
		920	16.66	240.04	0.09	0.79	239.33	12.97	16.17	-323.01	4.45	-311.29	61.96
		900	17.10	215.45	0.30	1.02	214.72	12.46	22.06	-430.57	11.15	-419.66	69.44
		930	17.15	159.70	-2.98	-2.12	158.84	-11.84	184.47	-561.25	60.84	-437.62	277.33
733	32	937	12.15	126.25	-1.78	-1.44	125.91	-6.58	140.62	-356.10	57.98	-273.45	184.99
		920	12.43	174.50	0.06	0.58	173.99	9.43	11.13	-255.10	3.36	-247.32	44.82
		900	12.78	156.70	0.22	0.75	156.17	9.07	15.60	-335.32	8.27	-327.99	50.18

		930	12.79	116.05	-2.16	-1.53	115.42	-8.56	131.77	-428.59	44.25	-341.07	203.43
733	37	937	10.87	104.52	-1.46	-1.19	104.26	-5.32	111.32	-345.86	48.38	-282.92	157.52
		920	11.14	144.77	0.06	0.48	144.35	7.84	7.90	-265.44	3.04	-260.57	36.13
		900	11.52	130.20	0.18	0.62	129.76	7.56	11.96	-337.12	7.22	-332.38	40.41
		930	11.44	96.15	-1.76	-1.26	95.65	-6.98	103.01	-409.65	36.64	-343.27	172.11
734	8	894	25.48	-32.63	-112.40	-53.81	-91.21	-35.23	1656.96	262.08	1611.36	307.67	248.03
		943	18.17	26.12	-35.66	-35.29	25.75	-4.79	1201.28	341.05	1201.15	341.17	-10.43
		944	14.54	26.33	-39.98	-33.84	20.20	-19.21	808.19	14.64	798.45	24.38	87.37
		907	17.52	-19.88	-105.62	-42.43	-83.07	-37.75	994.76	-87.43	938.14	-30.81	240.97
734	32	894	18.67	-24.14	-81.73	-39.39	-66.48	-25.41	1214.50	191.02	1180.85	224.67	182.51
		943	13.32	18.75	-26.05	-25.83	18.52	-3.16	879.99	247.57	879.91	247.65	-7.13
		944	10.68	18.76	-29.06	-24.71	14.42	-13.74	591.20	2.64	584.32	9.53	63.29
		907	12.83	-14.80	-76.86	-31.01	-60.65	-27.26	727.79	-70.80	686.91	-29.92	175.99
734	37	894	15.77	-21.01	-67.76	-33.26	-55.52	-20.55	1027.32	160.14	998.63	188.82	155.09
		943	11.26	14.98	-21.87	-21.78	14.89	-1.83	743.53	204.44	743.44	204.52	-6.70
		944	9.10	14.66	-24.04	-20.72	11.34	-10.83	496.34	-18.58	491.46	-13.70	49.89
		907	10.81	-13.11	-63.90	-26.09	-50.92	-22.15	610.35	-77.85	577.76	-45.26	146.16
735	8	947	14.58	48.41	-39.29	-0.23	9.35	-43.59	183.06	-640.66	14.96	-472.55	331.98
		970	15.09	70.46	-20.08	0.54	49.84	-37.97	165.55	-634.53	1.99	-470.96	322.67
		959	14.16	59.13	-27.72	-0.26	31.68	-40.38	195.41	-571.95	8.05	-384.59	329.65
		950	14.07	46.76	-43.88	-1.32	4.19	-45.24	214.02	-572.09	26.52	-384.60	335.02
735	32	947	10.81	34.96	-28.59	-0.18	6.55	-31.59	130.68	-484.25	10.19	-363.76	244.08
		970	11.20	51.09	-14.55	0.38	36.15	-27.52	117.69	-479.70	0.76	-362.76	237.02
		959	10.46	42.86	-20.10	-0.19	22.96	-29.27	140.01	-429.95	5.52	-295.47	242.00
		950	10.39	33.76	-31.94	-0.96	2.78	-32.80	154.02	-430.28	19.10	-295.36	246.23
735	37	947	9.52	28.39	-23.75	-0.18	4.81	-25.95	101.34	-451.65	5.47	-355.78	209.35
		970	9.92	42.04	-11.93	0.30	29.82	-22.59	90.95	-447.02	-1.31	-354.77	202.78
		959	9.14	35.22	-16.50	-0.17	18.89	-24.04	111.21	-394.57	3.51	-286.87	207.06
		950	9.04	27.40	-26.57	-0.81	1.64	-26.96	123.04	-396.14	14.06	-287.15	211.43
736	7	959	14.17	60.63	-28.48	-5.14	37.29	-39.18	203.57	-558.77	46.81	-402.02	308.10
		939	13.22	67.65	-10.91	-2.78	59.52	-23.93	185.12	-531.15	35.79	-381.81	290.97
		941	11.99	50.77	-18.26	-3.41	35.92	-28.36	227.23	-447.92	37.15	-257.84	303.64
		958	13.55	54.11	-35.22	-6.30	25.19	-41.80	268.55	-466.97	63.36	-261.77	329.88
736	31	959	10.47	43.87	-20.64	-3.73	26.96	-28.37	145.38	-421.10	33.91	-309.62	225.21
		939	9.80	49.16	-7.88	-2.02	43.31	-17.32	131.65	-400.07	25.93	-294.35	212.22
		941	8.81	36.89	-13.17	-2.47	26.19	-20.52	163.28	-333.95	27.14	-197.81	221.72
		958	9.95	39.16	-25.51	-4.55	18.20	-30.27	194.28	-348.29	46.66	-200.67	241.46
736	37	959	9.17	35.38	-16.75	-3.03	21.66	-22.96	111.97	-395.30	27.45	-310.77	189.03
		939	8.66	40.34	-6.29	-1.64	35.69	-13.97	99.77	-375.08	21.04	-296.35	176.60
		941	7.57	30.27	-10.48	-1.98	21.77	-16.56	128.54	-301.99	22.73	-196.18	185.36
		958	8.50	31.60	-20.68	-3.67	14.59	-24.49	157.02	-315.27	40.29	-198.54	203.73
737	8	946	13.43	38.74	-37.42	-4.78	6.10	-37.69	384.72	-424.93	241.61	-281.82	308.85
		962	13.61	101.61	-13.45	-2.07	90.23	-34.35	290.24	-357.75	183.87	-251.37	240.03
		969	15.21	102.79	-12.55	0.16	90.08	-36.13	219.07	-519.48	88.11	-388.52	282.09
		951	14.10	44.34	-36.38	-1.23	9.19	-40.02	278.96	-555.02	127.33	-403.39	321.66
737	32	946	9.96	27.85	-27.19	-3.54	4.20	-27.25	279.13	-326.51	176.00	-223.37	227.65
		962	10.14	73.60	-9.75	-1.54	65.40	-24.83	210.35	-277.88	133.68	-201.21	177.64
		969	11.34	74.53	-9.08	0.10	65.34	-26.15	157.46	-398.12	63.54	-304.20	208.23
		951	10.48	31.97	-26.44	-0.93	6.45	-28.97	201.05	-423.71	92.23	-314.88	236.95
737	37	946	8.74	22.32	-22.50	-3.10	2.92	-22.20	227.60	-317.60	145.29	-235.29	195.20
		962	9.03	60.40	-7.99	-1.37	53.78	-20.22	171.50	-277.33	110.42	-216.25	153.89
		969	10.13	61.34	-7.41	0.05	53.88	-21.38	125.19	-384.35	51.09	-310.24	179.63
		951	9.29	25.84	-21.88	-0.85	4.80	-23.69	160.35	-405.50	74.21	-319.36	203.28
738	8	906	39.45	-29.61	-109.17	-57.71	-81.07	-38.02	2783.57	759.20	2783.36	759.42	20.93
		967	25.35	47.45	-17.90	-12.29	41.85	18.30	1843.38	731.73	1781.45	793.66	-254.96
		943	18.69	25.08	-46.60	-46.41	24.89	3.70	1199.77	339.77	1188.82	350.72	-96.42
		894	25.08	-28.50	-112.73	-58.98	-82.26	-40.47	1631.24	256.69	1622.96	264.96	106.31
738	32	906	28.92	-21.85	-79.30	-42.15	-59.00	-27.46	2041.94	563.14	2041.71	563.36	18.05
		967	18.56	34.72	-13.26	-8.93	30.39	13.74	1350.70	541.44	1306.09	586.05	-184.69
		943	13.70	18.02	-34.08	-33.90	17.85	3.02	878.91	246.66	870.98	254.59	-70.36
		894	18.37	-21.13	-81.99	-43.10	-60.02	-29.23	1195.57	187.05	1189.41	193.22	78.59
738	37	906	24.51	-18.87	-65.54	-35.36	-49.04	-22.31	1734.66	497.31	1734.30	497.68	21.23
		967	15.68	29.33	-11.58	-7.35	25.10	12.45	1143.56	473.63	1106.84	510.36	-152.50
		943	11.58	14.46	-28.71	-28.45	14.21	3.33	742.65	203.76	735.75	210.67	-60.59
		894	15.52	-18.49	-68.02	-36.22	-50.29	-23.74	1011.06	156.75	1005.75	162.05	67.10
739	8	961	11.78	106.42	-14.09	-2.29	94.61	-35.82	373.64	-134.60	290.79	-51.75	187.73
		935	11.86	195.47	-3.35	1.46	190.65	-30.55	200.22	-63.69	125.07	11.46	119.10
		942	14.19	181.70	-3.09	2.80	175.81	-32.46	187.58	-278.76	68.70	-159.88	203.24
		962	13.64	101.82	-14.01	1.56	86.26	-39.50	289.47	-357.79	155.48	-223.79	262.25
739	32	961	8.75	77.06	-10.24	-1.76	68.58	-25.86	272.54	-111.77	211.84	-51.07	140.15
		935	8.83	141.86	-2.44	1.02	138.40	-22.08	145.20	-59.38	90.77	-4.95	90.40
		942	10.58	131.94	-2.24	2.01	127.69	-23.50	135.27	-219.51	49.47	-133.71	151.91
		962	10.15	73.78	-10.15	1.08	62.54	-28.58	209.76	-277.88	112.65	-180.76	194.74
739	37	961	7.73	63.19	-8.47	-1.68	56.40	-20.98	226.71	-129.08	176.39	-78.75	123.99
		935	7.86	117.11	-2.02	0.76	114.33	-17.98	118.82	-83.49	75.02	-39.69	83.32
		942	9.46	109.08	-1.83	1.62	105.64	-19.24	108.82	-226.31	39.97	-157.46	135.40
		962	9.04	60.61	-8.34	0.78	51.49	-23.35	170.93	-277.24	92.12	-198.43	170.61

740	8	942	14.53	181.57	-3.27	-0.96	179.26	-20.53	212.52	-307.64	85.74	-180.86	223.33
		901	15.61	264.25	0.19	0.19	264.25	-0.72	22.13	-185.00	-7.21	-155.66	72.23
		920	16.67	240.53	-0.04	-0.03	240.52	-0.98	16.70	-324.69	-6.34	-301.65	85.64
740	32	937	16.30	173.88	-2.29	-0.11	171.69	-19.49	196.02	-462.30	50.33	-316.61	273.29
		942	10.83	131.83	-2.37	-0.71	130.17	-14.85	153.30	-240.44	62.37	-149.51	165.94
		901	11.62	192.04	0.14	0.14	192.04	-0.52	14.63	-150.91	-5.19	-131.10	53.73
740	37	920	12.43	174.87	-0.02	-0.02	174.87	-0.71	11.40	-256.23	-4.58	-240.24	63.43
		937	12.16	126.32	-1.66	-0.08	124.74	-14.11	140.68	-355.34	36.49	-251.15	202.05
		942	9.68	108.97	-1.95	-0.61	107.62	-12.13	123.22	-243.21	51.77	-171.76	145.17
741	8	901	10.34	159.16	0.12	0.12	159.16	-0.41	9.32	-169.66	-4.16	-156.18	47.23
		920	11.15	145.13	-0.01	-0.01	145.13	-0.57	7.87	-266.16	-3.73	-254.56	55.17
		937	10.88	104.59	-1.35	-0.08	103.31	-11.55	111.47	-345.25	30.00	-263.78	174.85
741	32	930	17.07	159.01	-2.89	-2.47	158.59	-8.23	185.86	-558.31	72.94	-445.39	266.99
		900	17.13	215.18	-0.07	1.24	213.86	16.76	22.41	-430.93	15.20	-423.72	56.70
		919	16.92	189.61	-0.04	1.02	188.55	14.15	30.73	-499.64	20.88	-489.78	71.62
741	37	938	17.36	134.12	-4.05	-2.92	132.99	-12.45	185.16	-640.39	66.54	-521.77	289.57
		930	12.73	115.54	-2.09	-1.79	115.24	-5.93	132.81	-426.42	53.13	-346.74	195.47
		900	12.80	156.49	-0.06	0.90	155.53	12.19	15.88	-335.62	11.19	-330.93	40.31
741	32	919	12.66	137.96	-0.03	0.75	137.19	10.30	21.89	-386.21	15.37	-379.69	51.19
		938	12.94	97.48	-2.93	-2.11	96.67	-9.00	131.89	-486.71	48.28	-403.11	211.49
		930	11.39	95.72	-1.70	-1.47	95.49	-4.80	103.92	-407.77	44.17	-348.03	164.32
741	37	900	11.53	129.98	-0.05	0.75	129.19	10.14	12.26	-337.46	9.55	-334.75	30.67
		919	11.45	114.79	-0.01	0.63	114.14	8.59	17.15	-381.03	13.14	-377.02	39.76
		938	11.57	80.83	-2.39	-1.74	80.18	-7.33	102.35	-459.59	39.70	-396.94	176.86
742	8	951	14.17	44.62	-35.87	-2.12	10.86	-39.72	279.86	-558.05	133.20	-411.39	318.40
		969	15.15	101.42	-12.79	-0.50	89.13	-35.39	221.41	-517.47	94.79	-390.85	278.44
		960	15.70	86.10	-15.69	0.35	70.06	-37.09	187.33	-619.24	46.50	-478.41	306.19
742	32	952	14.69	45.65	-39.27	-0.76	7.13	-42.28	222.88	-634.84	68.93	-480.89	329.16
		951	10.53	32.16	-26.07	-1.57	7.65	-28.75	201.74	-425.95	96.55	-320.76	234.44
		969	11.29	73.52	-9.26	-0.38	64.64	-25.62	159.17	-396.63	68.46	-305.92	205.40
742	37	960	11.70	62.41	-11.36	0.24	50.81	-26.86	133.77	-471.67	33.09	-370.99	225.43
		952	10.92	32.94	-28.56	-0.57	4.94	-30.63	159.73	-482.77	49.54	-372.58	242.18
		951	9.33	25.97	-21.59	-1.38	5.76	-23.51	160.97	-407.46	77.90	-324.38	200.80
742	32	969	10.09	60.46	-7.57	-0.36	53.25	-20.94	126.64	-383.06	55.32	-311.74	176.83
		960	10.45	51.33	-9.28	0.18	41.86	-22.00	104.20	-448.36	25.23	-369.39	193.39
		952	9.69	26.69	-23.69	-0.52	3.51	-25.11	124.94	-457.58	38.15	-370.79	207.42
743	7	939	14.23	67.50	-11.09	3.17	53.24	-30.29	225.53	-575.98	-47.43	-303.02	379.83
		917	10.07	83.70	0.19	0.69	83.20	-6.45	42.32	-388.85	-7.21	-339.32	137.50
		897	7.28	53.53	-0.07	0.38	53.09	-4.84	57.86	-301.28	-13.97	-229.45	143.66
743	31	941	13.28	50.91	-18.67	3.43	28.80	-32.40	280.10	-496.14	-40.32	-175.72	382.17
		939	10.52	49.06	-8.01	2.29	38.75	-21.96	160.60	-432.30	-34.94	-236.76	278.75
		917	7.57	61.06	0.13	0.50	60.70	-4.69	29.81	-298.26	-5.19	-263.26	101.28
743	37	897	5.46	39.21	-0.05	0.27	38.89	-3.53	40.71	-228.82	-10.11	-177.99	105.43
		941	9.74	37.01	-13.48	2.49	21.04	-23.48	201.48	-368.74	-29.49	-137.77	279.92
		939	9.23	40.26	-6.42	1.86	31.98	-17.83	122.22	-400.43	-30.20	-248.01	237.55
743	32	917	7.04	50.86	0.10	0.40	50.56	-3.88	22.12	-296.35	-4.09	-270.14	87.52
		897	5.04	33.17	-0.03	0.23	32.90	-2.94	29.85	-220.59	-8.16	-182.57	89.86
		941	8.31	30.39	-10.76	2.02	17.60	-19.05	159.13	-329.65	-24.80	-145.73	236.79
744	7	941	13.36	50.85	-18.90	7.82	24.13	-33.91	280.41	-501.05	-92.44	-128.20	390.32
		897	7.17	53.39	6.38e-04	1.31	52.08	-8.25	55.38	-294.91	-32.35	-207.18	151.77
		916	4.24	21.34	0.16	0.95	20.56	-3.99	76.04	-191.19	-41.28	-73.87	132.62
744	31	929	12.60	39.55	-24.84	7.91	6.79	-32.19	338.39	-414.91	-87.00	10.48	373.48
		941	9.80	36.96	-13.65	5.67	17.64	-24.58	201.82	-372.43	-67.71	-102.90	286.59
		897	5.38	39.10	1.19e-04	0.95	38.15	-6.02	38.83	-224.06	-23.61	-161.62	111.87
744	37	916	3.14	15.88	0.12	0.69	15.31	-2.95	54.03	-142.22	-30.04	-58.15	97.12
		929	9.20	28.76	-17.92	5.74	5.10	-23.34	246.08	-304.92	-63.51	4.67	273.38
		941	8.37	30.32	-10.92	4.60	14.79	-19.98	159.77	-333.09	-57.29	-116.04	244.67
744	32	897	4.96	33.04	-1.10e-03	0.79	32.25	-5.05	28.09	-216.29	-19.69	-168.51	96.91
		916	2.77	14.24	0.10	0.58	13.77	-2.56	40.69	-127.69	-24.78	-62.23	82.08
		929	7.69	23.65	-14.26	4.67	4.72	-18.95	202.52	-261.27	-53.03	-5.73	230.68
745	8	970	15.17	71.29	-19.56	-15.21	66.94	-19.40	165.62	-638.24	134.30	-606.92	155.56
		932	14.68	87.53	-5.67	-5.67	87.52	0.77	150.72	-606.40	120.88	-576.56	147.31
		939	13.33	66.93	-10.73	-9.75	65.95	-8.67	175.41	-546.41	132.30	-503.30	171.06
745	32	959	14.21	59.43	-28.23	-19.28	50.48	-26.54	196.81	-571.96	151.04	-526.19	181.92
		970	11.26	51.70	-14.18	-11.03	48.55	-14.06	117.69	-482.44	96.76	-461.51	110.09
		932	10.92	63.69	-4.10	-4.10	63.69	0.62	107.02	-457.94	87.23	-438.15	103.87
745	37	939	9.87	48.71	-7.75	-7.05	48.01	-6.23	125.23	-410.46	95.83	-381.06	122.01
		959	10.50	43.08	-20.48	-13.99	36.59	-19.25	141.00	-429.90	109.56	-398.46	130.23
		970	9.97	42.56	-11.64	-9.06	39.98	-11.54	90.81	-449.40	77.69	-436.28	83.16
745	32	932	9.72	53.03	-3.34	-3.33	53.02	0.69	82.82	-425.22	70.70	-413.09	77.54
		939	8.67	40.58	-6.28	-5.75	40.05	-4.96	98.78	-375.56	78.81	-355.59	95.25
		959	9.17	35.43	-16.86	-11.52	30.09	-15.83	111.96	-394.40	90.11	-372.55	102.88
746	7	957	11.72	118.39	-17.06	-16.63	117.96	7.66	749.33	388.49	690.52	447.31	-133.28
		934	17.05	215.09	-4.57	-1.89	212.41	24.09	573.40	195.88	243.76	525.51	-125.64
		931	12.83	208.19	-4.27	-3.14	207.06	15.43	244.28	208.13	209.32	243.09	-6.46
746	31	966	10.28	114.28	-15.72	-15.54	114.10	-4.89	493.92	157.85	493.89	157.88	3.14
		957	8.49	85.61	-12.56	-12.20	85.25	5.95	546.80	282.90	505.91	323.79	-95.50

		934	12.30	155.64	-3.38	-1.37	153.63	17.74	413.68	145.04	179.05	379.67	-89.33
		931	9.15	150.78	-3.12	-2.28	149.93	11.36	167.65	152.85	153.50	167.00	-3.02
		966	7.60	82.61	-11.47	-11.36	82.49	-3.29	361.55	105.40	361.50	105.45	3.55
746	37	957	7.14	68.90	-10.85	-10.37	68.42	6.14	456.44	233.47	428.41	261.50	-73.92
		934	9.83	125.51	-2.97	-1.12	123.67	15.29	329.63	127.73	153.08	304.28	-66.90
		931	6.97	122.03	-2.62	-1.85	121.26	9.79	130.77	105.32	130.42	105.67	2.96
		966	6.65	66.34	-9.57	-9.53	66.30	-1.86	305.18	56.16	304.98	56.36	7.02
747	8	950	14.02	46.34	-43.59	0.60	2.15	-44.96	211.67	-572.39	10.99	-371.72	342.16
		959	14.17	59.14	-28.14	1.21	29.79	-41.24	195.99	-571.01	-5.39	-369.63	337.50
		958	13.43	52.91	-34.21	1.05	17.65	-42.76	261.52	-471.85	10.27	-220.60	348.04
		949	13.69	47.96	-44.34	-0.09	3.71	-46.11	284.68	-466.89	43.94	-226.15	350.68
747	32	950	10.34	33.45	-31.73	0.43	1.29	-32.59	152.27	-430.52	7.65	-285.91	251.73
		959	10.47	42.86	-20.41	0.87	21.57	-29.89	140.43	-429.26	-4.35	-284.49	248.03
		958	9.87	38.34	-24.80	0.77	12.77	-31.00	189.72	-351.57	7.73	-169.58	255.71
		949	10.05	34.64	-32.26	-0.06	2.44	-33.42	207.21	-348.24	32.56	-173.59	257.89
747	37	950	9.00	27.12	-26.41	0.33	0.38	-26.77	121.46	-396.38	4.13	-279.05	216.78
		959	9.14	35.18	-16.79	0.70	17.70	-24.56	111.55	-394.00	-4.97	-277.48	212.91
		958	8.47	31.49	-20.38	0.64	10.47	-25.47	157.10	-314.69	6.88	-164.47	219.79
		949	8.63	28.11	-26.80	-0.04	1.35	-27.45	172.41	-313.34	27.41	-168.35	222.28
748	8	892	13.11	4.17	-92.01	-9.57	-78.27	-33.66	436.36	-474.19	261.19	-299.02	358.91
		946	13.56	38.28	-37.12	-7.08	8.24	-36.91	390.80	-429.13	259.72	-298.05	300.49
		951	14.38	45.50	-36.77	-3.57	12.30	-40.36	285.38	-562.89	145.90	-423.42	314.42
		909	12.84	10.62	-83.13	-5.37	-67.14	-35.26	310.15	-581.48	151.29	-422.62	341.18
748	32	892	9.65	2.83	-67.04	-7.04	-57.17	-24.34	316.68	-361.62	190.87	-235.81	263.65
		946	10.04	27.50	-26.97	-5.20	5.74	-26.68	283.46	-329.47	189.34	-235.34	220.98
		951	10.68	32.80	-26.71	-2.62	8.71	-29.21	205.69	-429.38	105.94	-329.63	231.08
		909	9.50	7.54	-60.63	-3.95	-49.14	-25.52	223.96	-442.40	110.35	-328.79	250.60
748	37	892	8.41	1.86	-55.94	-6.02	-48.06	-19.84	257.11	-345.84	157.34	-246.06	224.06
		946	8.81	21.97	-22.29	-4.45	4.14	-21.71	230.98	-319.81	156.72	-245.55	188.11
		951	9.44	26.51	-22.05	-2.23	6.69	-23.87	164.06	-410.07	86.00	-332.02	196.78
		909	8.56	5.81	-50.76	-3.38	-41.57	-20.86	178.19	-420.62	89.03	-331.46	213.16
749	7	949	13.77	49.05	-45.40	1.44	2.22	-47.22	287.81	-461.86	27.57	-201.62	356.89
		958	13.60	54.15	-35.13	2.80	16.22	-44.14	271.51	-468.08	-3.75	-192.82	357.51
		965	13.25	48.35	-38.08	4.83	5.44	-43.21	375.75	-356.51	-4.74	23.98	365.85
		928	14.38	53.38	-44.56	5.38	3.44	-48.96	434.99	-346.01	74.36	14.63	389.36
749	31	949	10.11	35.36	-33.00	1.04	1.32	-34.18	209.18	-344.83	20.81	-156.46	262.44
		958	9.98	39.17	-25.45	2.03	11.69	-31.95	196.56	-349.22	-2.47	-150.19	262.70
		965	9.69	34.99	-27.54	3.52	3.94	-31.27	276.31	-261.46	-2.50	17.35	268.70
		928	10.53	38.51	-32.35	3.94	2.22	-35.42	320.90	-253.89	56.49	10.52	286.47
749	37	949	8.63	28.06	-27.10	0.85	0.12	-27.58	172.18	-313.24	19.58	-160.64	225.36
		958	8.53	31.54	-20.62	1.66	9.27	-25.80	159.32	-316.45	-1.21	-155.92	224.96
		965	8.15	28.25	-22.16	2.92	3.17	-25.21	237.28	-222.26	1.01	14.00	229.68
		928	8.90	30.69	-26.45	3.35	0.89	-28.54	278.84	-216.26	54.33	8.26	246.48
750	8	938	17.43	134.07	-4.14	-0.76	130.68	-21.37	186.35	-643.78	27.24	-484.68	326.74
		919	16.84	189.36	0.03	0.05	189.34	1.93	26.76	-496.59	6.90	-476.73	99.99
		899	15.97	163.48	5.60e-03	0.02	163.47	1.49	24.24	-525.40	2.69	-503.85	106.68
		940	17.19	116.43	-4.80	-0.73	112.35	-21.85	183.21	-675.90	21.94	-514.63	335.47
750	32	938	12.99	97.43	-3.00	-0.55	94.98	-15.48	132.82	-489.26	19.50	-375.93	240.11
		919	12.61	137.77	0.02	0.04	137.75	1.41	18.97	-383.98	5.20	-370.21	73.22
		899	11.97	119.01	6.07e-03	0.02	119.00	1.09	17.08	-404.54	2.09	-389.55	78.07
		940	12.80	84.65	-3.47	-0.53	81.70	-15.84	130.34	-512.03	15.65	-397.34	246.01
750	37	938	11.61	80.75	-2.45	-0.46	78.76	-12.71	103.27	-461.87	15.41	-374.01	204.78
		919	11.40	114.59	0.02	0.03	114.58	1.20	14.67	-379.19	4.73	-369.24	61.80
		899	10.86	99.19	0.01	0.02	99.18	0.93	12.95	-395.10	2.05	-384.19	65.80
		940	11.42	70.27	-2.83	-0.43	67.88	-13.01	100.95	-479.39	12.23	-390.67	208.85
751	8	954	13.01	26.38	-36.06	0.93	-10.61	-30.69	475.45	-312.36	-19.60	182.69	380.70
		915	6.45	-0.39	-43.24	-0.75	-42.87	-3.94	278.17	-53.21	11.48	213.48	131.35
		854	6.55	-1.67	-67.39	-1.91	-67.15	-3.96	225.73	2.54	22.80	205.48	64.11
		867	8.38	20.22	-34.84	7.41	-22.03	-23.26	341.07	-108.75	-65.76	298.08	132.25
751	32	954	9.52	19.16	-26.04	0.68	-7.56	-22.22	353.34	-224.25	-14.55	143.64	277.75
		915	4.77	-0.29	-30.97	-0.55	-30.70	-2.84	209.35	-36.60	8.29	164.46	95.01
		854	4.95	-1.21	-48.46	-1.39	-48.29	-2.85	177.98	2.90	16.41	164.47	46.72
		867	6.30	14.68	-25.06	5.41	-15.79	-16.80	265.22	-78.48	-48.73	235.47	96.65
751	37	954	8.12	15.90	-21.17	0.54	-5.82	-18.26	316.52	-180.08	-12.92	149.36	234.67
		915	4.23	-0.25	-24.47	-0.46	-24.25	-2.29	195.43	-25.72	6.72	162.99	78.24
		854	4.65	-1.00	-38.90	-1.14	-38.76	-2.30	186.83	4.31	13.28	177.86	39.45
		867	5.85	12.21	-20.14	4.55	-12.49	-13.75	268.00	-64.95	-43.17	246.22	82.33
752	8	890	13.08	19.73	-68.50	-2.34	-46.43	-38.21	208.03	-651.28	61.19	-504.44	323.45
		948	14.81	45.37	-39.64	-1.70	7.43	-42.26	195.21	-664.02	44.46	-513.26	326.81
		947	14.79	49.37	-39.54	-1.87	11.69	-43.93	191.04	-644.72	32.15	-485.83	327.95
		911	12.97	22.84	-61.15	-2.86	-35.45	-38.71	196.74	-625.62	48.27	-477.15	316.31
752	32	890	9.70	14.16	-50.02	-1.72	-34.14	-27.69	149.29	-493.89	44.43	-389.03	237.59
		948	11.00	32.72	-28.84	-1.25	5.13	-30.61	139.44	-503.45	31.71	-395.72	240.11
		947	10.96	35.66	-28.74	-1.36	8.27	-31.84	136.62	-487.24	22.88	-373.50	240.87
		911	9.61	16.39	-44.69	-2.09	-26.22	-28.06	141.22	-473.13	35.02	-366.93	232.30
752	37	890	8.58	11.27	-42.06	-1.47	-29.32	-22.74	115.77	-465.78	33.30	-383.31	202.88
		948	9.75	26.45	-23.95	-1.07	3.56	-25.09	107.99	-473.45	23.31	-388.77	205.10

		947	9.65	28.97	-23.82	-1.14	6.29	-26.13	106.59	-454.22	16.45	-364.09	205.97
		911	8.45	13.02	-37.68	-1.76	-22.90	-23.04	109.70	-443.03	25.52	-358.85	198.60
753	7	925	26.35	115.45	67.45	92.27	90.62	23.99	1619.14	1252.51	1303.11	1568.54	-126.45
		924	18.23	192.82	14.86	51.56	156.12	72.00	776.91	112.73	118.00	771.64	-58.92
		955	24.47	207.45	7.77	39.04	176.18	72.57	1209.85	104.39	149.16	1165.08	-217.92
		968	24.97	135.62	-23.17	28.66	83.79	74.45	1746.10	644.55	979.22	1411.43	-506.60
753	31	925	19.48	84.17	49.23	67.89	65.50	17.43	1201.44	924.56	958.22	1167.77	-90.48
		924	13.55	139.13	10.53	37.57	112.09	52.41	590.67	88.13	91.47	587.33	-40.80
		955	17.94	149.79	5.35	28.49	126.65	52.97	893.06	83.50	113.10	863.46	-151.95
		968	18.28	98.77	-17.47	21.06	60.24	54.72	1282.27	483.75	719.99	1046.04	-364.46
753	37	925	17.03	70.09	40.93	58.43	52.59	14.28	1068.46	802.93	822.67	1048.72	-69.65
		924	12.09	110.98	7.69	31.15	87.52	43.28	569.73	92.09	93.61	568.21	-26.91
		955	15.25	119.79	3.37	23.74	99.42	44.24	778.99	92.01	108.07	762.93	-103.81
		968	15.45	81.78	-16.45	18.02	47.31	46.88	1096.43	445.77	617.94	924.27	-287.02
754	7	936	22.01	214.83	-3.78	2.26	208.79	35.84	963.63	123.74	238.09	849.27	-288.04
		903	27.62	318.13	0.71	7.73	311.11	46.69	769.82	-50.32	-50.20	769.70	10.07
		922	24.09	318.82	0.79	7.72	311.90	46.42	534.87	-26.40	-23.59	532.06	39.63
		934	17.58	214.40	-4.43	-0.93	210.89	27.48	601.91	173.35	215.86	559.40	-128.11
754	31	936	16.01	155.25	-2.86	1.66	150.72	26.36	704.28	94.98	175.66	623.61	-206.51
		903	20.10	229.98	0.53	5.62	224.89	33.78	564.88	-36.21	-36.07	564.74	9.25
		922	17.43	230.91	0.59	5.61	225.89	33.63	386.15	-19.02	-16.79	383.93	29.94
		934	12.69	155.12	-3.27	-0.66	152.51	20.17	433.93	129.15	158.97	404.11	-90.56
754	37	936	13.17	124.56	-2.74	1.43	120.39	22.66	591.12	94.09	152.67	532.53	-160.27
		903	16.57	184.73	0.48	4.60	180.61	27.22	481.23	-28.62	-28.24	480.85	13.87
		922	14.06	186.89	0.52	4.59	182.82	27.26	308.62	-15.13	-12.65	306.14	28.25
		934	10.13	125.07	-2.84	-0.49	122.72	17.19	344.73	116.24	137.26	323.71	-66.04
755	8	962	13.67	102.19	-14.04	22.62	65.52	-54.01	289.89	-358.33	24.82	-93.26	318.69
		942	14.13	181.49	-2.80	25.18	153.50	-66.14	186.31	-277.07	-30.37	-60.40	231.20
		937	15.85	173.39	-3.04	24.81	145.54	-64.32	167.11	-431.07	-105.12	-158.85	297.88
		969	15.18	101.93	-12.14	25.28	64.51	-53.56	218.96	-521.79	-95.53	-207.31	366.13
755	32	962	10.18	74.03	-10.18	16.32	47.52	-39.11	210.09	-278.29	15.06	-83.26	239.19
		942	10.53	131.77	-2.03	18.24	111.51	-47.97	134.31	-218.24	-25.18	-58.75	175.47
		937	11.82	125.96	-2.20	17.99	105.77	-46.69	119.76	-332.72	-79.88	-133.08	224.67
		969	11.32	73.92	-8.79	18.30	46.83	-38.82	157.32	-399.83	-73.19	-169.31	274.40
755	37	962	9.06	60.77	-8.37	13.24	39.16	-32.05	171.25	-277.64	5.00	-111.38	216.77
		942	9.42	108.91	-1.66	14.94	92.31	-39.50	107.95	-225.16	-28.20	-89.00	163.76
		937	10.59	104.28	-1.78	14.82	87.68	-38.53	94.62	-326.92	-74.56	-157.73	206.62
		969	10.12	60.87	-7.19	14.98	38.70	-31.90	124.95	-385.82	-70.11	-190.76	248.16
756	8	943	17.85	23.85	-36.85	-34.95	21.95	-10.58	1182.65	349.80	1180.58	351.86	41.40
		957	11.83	117.05	-17.25	-16.52	116.32	9.90	757.19	383.98	704.46	436.72	-130.00
		966	10.68	113.03	-16.39	-16.28	112.92	-3.70	505.06	134.89	504.91	135.05	7.47
		944	13.86	23.99	-37.24	-28.07	14.81	-21.85	786.08	30.87	762.34	54.60	131.77
756	32	943	13.08	17.08	-26.91	-25.64	15.81	-7.37	866.34	253.97	864.75	255.56	31.20
		957	8.66	84.82	-12.70	-12.11	84.23	7.55	553.15	279.41	516.02	316.54	-93.72
		966	7.88	81.86	-11.96	-11.90	81.79	-2.45	369.67	89.68	369.53	89.82	6.20
		944	10.19	17.06	-27.07	-20.55	10.54	-15.66	575.13	14.35	557.93	31.55	96.70
756	37	943	11.07	13.58	-22.60	-21.79	12.78	-5.34	732.06	209.72	730.71	211.07	26.55
		957	7.33	69.71	-10.90	-10.26	69.08	7.13	465.34	230.58	436.12	259.81	-77.50
		966	6.83	67.16	-10.02	-10.00	67.13	-1.44	311.48	52.26	311.37	52.36	5.22
		944	8.69	13.24	-22.40	-17.36	8.20	-12.42	483.16	-9.22	469.65	4.29	80.42
757	7	958	13.61	54.37	-35.10	18.42	0.85	-43.86	270.68	-469.32	-133.34	-65.30	368.43
		941	12.02	50.91	-18.19	14.62	18.11	-34.51	232.06	-446.47	-145.13	-69.28	337.14
		929	11.01	38.31	-24.05	13.99	0.28	-30.42	275.71	-361.79	-149.19	63.11	300.56
		965	13.28	47.84	-38.72	19.11	-9.98	-40.76	374.75	-359.39	-130.32	145.68	340.14
757	31	958	10.00	39.34	-25.43	13.34	0.56	-31.75	195.94	-350.08	-97.96	-56.17	272.21
		941	8.84	36.99	-13.12	10.59	13.28	-25.02	166.82	-332.92	-106.72	-59.37	248.74
		929	8.05	27.85	-17.33	10.14	0.38	-22.06	200.45	-266.30	-109.22	43.37	220.55
		965	9.71	34.64	-28.01	13.85	-7.23	-29.50	275.36	-263.65	-94.95	106.66	249.95
757	37	958	8.55	31.72	-20.63	10.80	0.28	-25.64	158.77	-317.00	-83.81	-74.41	237.84
		941	7.59	30.32	-10.46	8.59	11.27	-20.35	131.52	-301.19	-91.63	-78.03	216.25
		929	6.74	22.87	-13.75	8.24	0.87	-17.94	164.82	-229.55	-92.20	27.47	187.89
		965	8.17	28.00	-22.58	11.25	-5.84	-23.80	235.79	-224.37	-78.68	90.10	214.04
758	8	952	14.62	44.94	-39.16	0.09	5.69	-41.96	222.62	-634.34	64.76	-476.48	332.20
		960	15.69	86.17	-16.10	0.58	69.49	-37.78	187.80	-616.88	42.68	-471.77	309.37
		963	15.66	77.07	-18.61	0.94	57.52	-38.57	167.71	-652.99	14.06	-499.34	320.14
		948	14.72	45.76	-39.51	0.37	5.88	-42.54	191.34	-660.38	29.85	-498.89	333.86
758	32	952	10.87	32.42	-28.49	0.04	3.89	-30.39	159.55	-482.42	46.46	-369.33	244.56
		960	11.69	62.45	-11.66	0.41	50.38	-27.36	134.11	-469.93	30.27	-366.10	227.90
		963	11.65	55.87	-13.48	0.67	41.71	-27.95	119.23	-495.53	9.40	-385.70	235.49
		948	10.93	33.02	-28.74	0.25	4.03	-30.83	136.60	-500.77	20.97	-385.14	245.62
758	37	952	9.65	26.24	-23.65	-0.02	2.61	-24.91	124.83	-457.32	35.49	-367.98	209.83
		960	10.44	51.31	-9.55	0.30	41.46	-22.41	104.49	-446.86	22.81	-365.19	195.86
		963	10.38	45.94	-11.03	0.54	34.37	-22.92	91.75	-466.52	5.38	-380.15	201.89
		948	9.69	26.78	-23.87	0.17	2.73	-25.29	105.59	-471.17	14.08	-379.66	210.72
759	8	945	13.03	31.14	-38.48	-12.55	5.21	-33.65	546.50	-231.75	438.04	-123.29	269.53
		961	11.89	106.66	-14.37	-7.62	99.91	-27.77	379.05	-136.21	323.41	-80.57	159.92
		962	13.67	102.21	-13.69	-3.70	92.22	-32.53	290.48	-358.54	194.64	-262.71	230.25

		946	13.38	38.36	-36.77	-6.41	8.01	-36.87	382.42	-425.57	253.43	-296.58	295.94
759	32	945	9.62	22.27	-27.95	-9.24	3.56	-24.28	398.59	-182.06	320.05	-103.52	198.58
		961	8.83	77.23	-10.44	-5.61	72.40	-20.00	276.51	-112.96	236.07	-72.52	118.81
		962	10.17	74.05	-9.92	-2.72	66.85	-23.51	210.51	-278.44	141.65	-209.58	170.08
		946	9.91	27.58	-26.71	-4.72	5.59	-26.65	277.42	-326.97	184.71	-234.26	217.81
759	37	945	8.33	17.59	-23.10	-7.93	2.42	-19.67	330.91	-186.82	267.71	-123.62	169.49
		961	7.80	63.32	-8.63	-4.81	59.51	-16.12	230.11	-130.10	197.53	-97.52	103.31
		962	9.06	60.81	-8.12	-2.32	55.02	-19.13	171.61	-277.73	117.32	-223.44	146.45
		946	8.71	22.12	-22.08	-4.04	4.08	-21.72	226.11	-317.99	152.73	-244.61	185.86
760	8	956	40.99	106.31	-56.80	-45.57	95.08	41.29	2900.15	1337.05	2746.09	1491.12	-465.92
		968	22.59	103.35	0.91	28.83	75.43	45.62	1670.19	696.25	1059.64	1306.79	-471.03
		964	17.40	125.91	-18.62	-2.53	109.83	45.46	1217.20	559.55	881.79	894.95	-328.76
		967	23.69	31.19	-2.17	9.73	19.28	15.98	1805.40	721.66	1742.79	784.27	-252.85
760	32	956	30.00	78.02	-41.56	-33.18	69.63	30.54	2125.76	993.70	2013.99	1105.46	-337.69
		968	16.59	75.22	0.24	21.17	54.29	33.63	1227.01	518.98	777.67	968.32	-340.94
		964	12.72	91.45	-13.87	-1.82	79.41	33.52	890.95	414.80	647.11	658.64	-238.01
		967	17.35	23.06	-2.01	7.16	13.89	12.08	1322.74	534.38	1277.63	579.48	-183.09
760	37	956	25.33	66.40	-35.07	-27.57	58.90	26.55	1802.62	880.05	1709.89	972.79	-277.40
		968	14.18	62.60	-0.81	18.08	43.72	29.00	1049.99	460.61	660.64	849.96	-279.07
		964	10.75	75.67	-12.29	-1.43	64.81	28.93	754.38	362.28	549.42	567.23	-195.85
		967	14.67	20.09	-2.71	6.17	11.21	11.12	1119.78	468.30	1082.59	505.49	-151.15
761	8	944	13.97	25.08	-36.63	-24.90	13.35	-24.21	787.99	22.78	743.87	66.90	178.37
		966	10.57	111.81	-15.75	-14.45	110.51	-12.83	505.38	138.73	502.30	141.81	33.48
		961	11.88	106.77	-14.13	-10.41	103.06	-20.87	377.75	-137.17	340.08	-99.50	134.09
		945	13.13	32.05	-38.93	-17.09	10.21	-32.76	546.70	-233.12	467.07	-153.50	236.12
761	32	944	10.27	17.85	-26.63	-18.28	9.50	-17.37	576.56	8.46	544.34	40.68	131.40
		966	7.80	80.96	-11.50	-10.60	80.06	-9.08	369.91	92.46	367.48	94.90	25.86
		961	8.82	77.33	-10.27	-7.62	74.68	-15.00	275.57	-113.67	248.43	-86.54	99.12
		945	9.69	22.95	-28.28	-12.52	7.18	-23.64	398.69	-183.05	341.40	-125.76	173.34
761	37	944	8.76	13.89	-22.06	-15.56	7.39	-13.83	484.44	-14.12	458.27	12.05	111.19
		966	6.76	66.38	-9.64	-9.00	65.75	-6.91	311.69	54.55	309.53	56.70	23.43
		961	7.80	63.45	-8.47	-6.42	61.39	-11.99	229.33	-130.71	208.21	-109.58	84.62
		945	8.39	18.16	-23.36	-10.59	5.39	-19.16	330.91	-187.62	285.83	-142.54	146.09
762	8	969	15.02	100.10	-12.91	1.06	86.13	-37.19	217.80	-514.51	79.77	-376.48	286.41
		937	15.92	174.01	-3.02	0.80	170.19	-25.71	169.65	-431.54	43.16	-305.05	245.04
		930	16.57	160.49	-2.46	1.54	156.48	-25.23	155.32	-524.95	16.81	-386.44	273.94
762	32	969	11.19	72.57	-9.36	0.75	62.47	-26.94	156.50	-394.42	57.34	-295.25	211.65
		937	11.87	126.39	-2.18	0.57	123.64	-18.62	121.68	-333.11	31.06	-242.50	181.66
		930	12.37	116.63	-1.78	1.12	113.74	-18.28	110.88	-402.39	11.78	-303.29	202.59
762	37	969	10.01	59.72	-7.68	0.57	51.47	-22.09	124.35	-380.99	45.66	-302.30	183.23
		937	10.64	104.58	-1.77	0.46	102.35	-15.24	96.35	-327.39	25.02	-256.07	158.54
		930	11.10	96.69	-1.44	0.91	94.34	-14.98	86.60	-388.59	8.74	-310.73	175.89
763	8	970	15.12	70.27	-20.37	0.89	49.01	-38.41	166.76	-636.23	-2.98	-466.49	327.85
		933	15.62	102.48	-5.03	0.78	96.67	-24.31	141.25	-630.68	-8.24	-481.19	305.04
		932	14.65	88.46	-5.49	0.94	82.03	-23.72	151.30	-602.50	-8.33	-442.88	307.97
763	32	970	11.23	50.97	-14.77	0.64	35.55	-27.85	118.52	-480.85	-2.93	-359.41	240.92
		933	11.64	74.53	-3.63	0.57	70.33	-17.62	100.10	-477.82	-6.41	-371.31	224.07
		932	10.90	64.39	-3.96	0.68	59.75	-17.19	107.46	-455.11	-6.35	-341.30	225.99
763	37	970	9.94	42.00	-12.16	0.52	29.32	-22.93	91.52	-447.69	-4.53	-351.64	206.32
		933	10.40	61.91	-2.94	0.47	58.51	-14.47	76.84	-447.60	-6.29	-364.46	191.54
		932	9.71	53.66	-3.20	0.55	49.91	-14.11	83.22	-422.87	-5.94	-333.71	192.81
764	8	46	37.01	206.94	-77.11	-42.57	172.40	92.83	2273.74	486.91	2264.74	495.91	126.55
		983	35.10	136.32	-35.37	13.37	87.58	-77.41	2379.91	829.26	850.05	2359.12	178.34
		1004	15.62	88.89	-15.39	16.56	56.95	48.07	1027.94	377.98	405.29	1000.63	-130.41
		984	29.72	194.17	48.85	72.26	170.76	-53.42	1499.31	-83.34	-72.78	1488.74	128.88
764	32	46	27.30	152.25	-56.96	-31.46	126.76	68.44	1675.40	365.15	1670.41	370.14	80.69
		983	26.17	101.07	-26.53	9.25	65.29	-57.32	1774.77	620.40	635.87	1759.30	132.73
		1004	11.64	65.30	-10.94	12.17	42.18	35.04	771.57	276.95	301.28	747.23	-106.97
		984	21.99	143.01	35.10	52.06	126.05	-39.28	1119.62	-34.10	-26.65	1112.17	92.41
764	37	46	23.69	131.91	-49.51	-27.28	109.68	59.48	1449.97	329.72	1448.27	331.42	43.60
		983	23.34	89.04	-23.97	6.90	58.17	-50.35	1582.41	555.67	569.46	1568.63	118.19
		1004	10.40	56.25	-8.60	10.58	37.06	29.60	698.89	234.87	265.31	668.45	-114.88
		984	19.30	124.18	28.52	42.67	110.03	-33.96	1001.99	26.21	32.03	996.17	75.15
765	8	983	27.29	147.62	-12.87	9.88	124.86	55.98	1682.63	745.14	764.47	1663.30	-133.23
		982	21.10	18.21	-7.86	4.69	5.66	-13.03	1509.47	284.52	284.86	1509.13	-20.37
		1005	17.55	61.68	15.35	22.81	54.23	17.03	1116.16	134.13	189.95	1060.35	-227.37
		1004	17.64	75.41	9.55	9.73	75.23	3.44	1106.08	472.03	502.23	1075.89	-135.03
765	32	983	20.32	109.76	-9.48	7.44	92.84	41.61	1253.75	554.82	569.75	1238.82	-101.04
		982	15.74	13.13	-5.74	3.11	4.28	-9.42	1125.63	212.53	212.82	1125.34	-16.49
		1005	13.18	46.42	11.63	16.71	41.34	12.29	835.45	99.58	142.76	792.27	-172.94
		1004	13.18	55.37	5.85	6.03	55.19	2.99	830.44	353.07	377.88	805.62	-105.97
765	37	983	18.04	97.24	-8.05	6.91	82.28	36.77	1115.53	491.51	505.76	1101.28	-93.23
		982	14.05	10.85	-4.92	2.03	3.91	-7.83	1003.39	189.60	189.96	1003.03	-17.06
		1005	11.95	42.31	10.68	14.30	38.69	10.07	750.84	87.70	129.05	709.49	-160.36
		1004	11.80	47.67	2.58	2.86	47.38	3.57	752.07	315.92	342.67	725.32	-104.65
766	8	982	22.32	50.86	9.25	10.94	49.17	8.21	1461.15	282.74	286.19	1457.71	-63.58
		981	20.12	25.04	5.50	6.87	23.67	-4.99	1301.60	61.38	61.85	1301.13	-24.06

		1006	16.41	30.55	3.56	4.53	29.58	5.02	1024.20	30.74	44.66	1010.28	-116.78
		1005	17.20	44.89	10.93	11.61	44.21	4.76	1102.21	168.04	208.31	1061.94	-189.72
766	32	982	16.66	38.29	6.66	7.92	37.03	6.18	1089.45	211.16	213.86	1086.75	-48.62
		981	15.07	19.50	4.17	5.11	18.56	-3.67	971.74	45.87	46.26	971.34	-19.15
		1006	12.33	23.69	2.68	3.32	23.05	3.61	766.68	22.46	33.55	755.59	-90.13
		1005	12.90	33.73	7.87	8.31	33.29	3.35	825.29	125.10	156.49	793.90	-144.89
766	37	982	14.89	34.83	5.52	6.62	33.73	5.58	970.79	188.29	190.94	968.14	-45.51
		981	13.55	18.98	3.81	4.52	18.27	-3.22	868.28	40.92	41.37	867.83	-19.25
		1006	11.18	22.85	2.43	2.86	22.43	2.93	689.19	19.14	30.32	678.01	-85.82
		1005	11.64	30.57	6.43	6.71	30.29	2.59	742.41	110.88	141.40	711.89	-135.42
767	22	981	19.77	37.38	6.68	6.77	37.29	-1.67	1243.53	84.47	89.06	1238.93	-72.82
		971	20.12	14.28	0.50	0.51	14.27	0.30	1307.28	25.33	25.85	1306.77	25.59
		1003	14.49	10.59	-1.12	-0.56	10.03	2.50	915.22	-28.33	-22.30	909.19	75.18
		1006	17.49	34.18	1.63	2.02	33.79	3.55	1064.33	-2.87	25.74	1035.72	-172.37
767	36	981	14.81	28.31	5.01	5.07	28.24	-1.25	930.81	63.23	66.76	927.29	-55.17
		971	15.11	11.56	0.41	0.41	11.55	0.27	979.16	19.02	19.38	978.79	18.77
		1003	10.89	8.60	-0.83	-0.41	8.17	1.96	685.99	-21.31	-16.87	681.55	55.85
		1006	13.13	25.96	1.21	1.48	25.69	2.58	797.79	-2.67	19.17	775.95	-130.41
767	37	981	13.42	23.91	4.51	4.60	23.82	-1.29	848.61	56.87	59.50	845.98	-45.58
		971	13.46	5.18	0.18	0.18	5.18	-0.09	888.80	17.02	17.47	888.35	19.78
		1003	9.65	3.55	-0.80	-0.45	3.20	1.18	621.49	-18.71	-14.09	616.87	54.17
		1006	11.74	21.30	1.13	1.49	20.94	2.68	721.87	1.13	17.97	705.03	-108.87
768	22	984	18.01	87.10	13.66	17.83	82.93	16.99	1096.18	486.22	486.23	1096.17	-2.34
		1004	19.48	100.88	14.10	14.24	100.74	3.51	1148.08	397.13	444.79	1100.42	-183.07
		1007	12.34	91.53	10.16	11.51	90.17	10.41	679.61	202.38	291.70	590.29	-186.14
		589	10.06	91.45	12.73	12.73	91.44	0.66	458.76	199.91	208.10	450.57	-45.31
768	36	984	13.44	64.23	9.42	12.36	61.30	12.34	821.07	369.46	369.50	821.03	-4.03
		1004	14.64	76.01	10.75	10.81	75.94	2.04	861.39	297.21	334.15	824.45	-139.57
		1007	9.27	68.16	7.24	8.19	67.21	7.55	511.86	151.91	220.57	443.20	-141.42
		589	7.54	68.51	10.07	10.07	68.51	-0.11	345.55	155.26	162.08	338.73	-35.37
768	37	984	12.53	63.63	12.39	15.75	60.27	12.69	749.47	306.36	306.48	749.35	7.08
		1004	13.18	67.98	9.19	9.50	67.67	4.24	778.06	267.67	294.86	750.87	-114.63
		1007	8.38	64.33	8.12	9.22	63.23	7.77	452.59	135.06	188.21	399.44	-118.54
		589	6.91	62.92	6.65	6.74	62.83	2.26	306.24	110.87	114.12	302.98	-25.01
769	8	1004	18.24	91.13	15.01	18.86	87.28	16.67	1115.02	398.94	431.13	1082.83	-148.37
		1005	16.68	45.56	9.78	11.70	43.63	8.08	1080.07	187.20	224.70	1042.56	-179.12
		1008	11.30	57.00	7.62	13.01	51.61	15.40	685.19	117.71	160.64	642.27	-150.05
		1007	11.09	77.71	12.46	16.38	73.78	15.52	624.63	185.14	231.37	578.40	-134.83
769	32	1004	13.67	68.09	10.29	12.93	65.45	12.08	835.66	298.97	325.04	809.59	-115.38
		1005	12.50	34.08	7.20	8.49	32.79	5.76	808.56	139.73	168.74	779.54	-136.25
		1008	8.51	42.49	5.78	9.48	38.79	11.05	515.36	88.31	121.73	481.94	-114.70
		1007	8.33	57.66	9.55	12.20	55.01	10.98	472.09	141.44	178.68	434.84	-104.53
769	37	1004	12.34	61.14	7.29	9.22	59.21	10.02	753.72	268.46	295.93	726.26	-112.13
		1005	11.27	30.58	6.24	7.12	29.70	4.55	727.06	124.60	152.38	699.28	-126.35
		1008	7.74	37.85	5.30	7.98	35.18	8.95	468.33	79.73	112.17	435.89	-107.49
		1007	7.57	50.90	9.02	10.84	49.08	8.55	433.82	132.28	171.10	395.00	-100.99
770	22	1005	16.86	51.88	10.53	11.92	50.50	7.43	1064.51	171.02	212.14	1023.39	-187.20
		1006	16.18	32.37	3.01	3.18	32.19	2.29	998.39	36.12	49.76	984.75	-113.77
		1009	11.25	35.53	2.25	4.55	33.23	8.46	673.30	27.55	45.73	655.11	-106.83
		1008	11.48	53.05	6.12	8.96	50.21	11.19	693.33	112.56	162.11	643.78	-162.24
770	36	1005	12.64	38.95	7.79	8.77	37.97	5.44	797.75	127.92	159.15	766.52	-141.21
		1006	12.15	24.60	2.24	2.36	24.47	1.64	748.15	26.85	37.26	737.73	-86.03
		1009	8.46	26.84	1.72	3.37	25.19	6.23	505.29	20.52	34.35	491.46	-80.70
		1008	8.63	39.73	4.61	6.62	37.71	8.17	520.71	84.54	122.19	483.07	-122.49
770	37	1005	11.43	34.95	7.64	8.75	33.84	5.41	723.61	116.19	141.56	698.24	-121.52
		1006	10.90	20.15	2.12	2.29	19.99	1.70	678.68	25.67	33.69	670.66	-71.93
		1009	7.52	22.74	1.38	3.26	20.86	6.05	455.47	20.00	30.90	444.57	-68.03
		1008	7.73	36.00	4.06	6.41	33.65	8.33	467.21	75.91	106.47	436.64	-105.01
771	22	1006	16.66	34.83	3.01	3.59	34.26	4.24	1018.65	17.23	37.26	998.61	-140.22
		1003	14.35	10.78	-0.41	-0.20	10.57	1.52	915.48	-10.00	-6.88	912.37	53.61
		972	9.80	13.92	-0.28	0.15	13.48	2.44	602.80	-9.00	-7.08	600.88	34.24
		1009	11.60	35.36	1.28	3.60	33.03	8.59	691.16	9.65	34.48	666.32	-127.71
771	36	1006	12.51	26.44	2.24	2.65	26.03	3.11	763.54	12.57	27.86	748.25	-106.04
		1003	10.79	8.76	-0.30	-0.13	8.59	1.22	685.95	-7.56	-5.27	683.65	39.81
		972	7.38	10.94	-0.21	0.12	10.61	1.89	452.21	-6.81	-5.40	450.80	25.41
		1009	8.73	26.71	0.99	2.66	25.05	6.33	518.80	7.00	25.88	499.91	-96.49
771	37	1006	11.20	21.85	2.10	2.59	21.36	3.09	691.13	13.59	25.45	679.28	-88.85
		1003	9.58	3.65	-0.28	-0.20	3.57	0.55	623.24	-6.35	-3.95	620.84	38.83
		972	6.51	6.47	-0.20	0.04	6.22	1.26	409.70	-5.73	-4.19	408.16	25.26
		1009	7.75	22.60	0.69	2.60	20.69	6.19	466.88	8.60	23.53	451.94	-81.37
772	22	589	13.44	165.19	31.25	40.23	156.21	33.49	478.07	236.32	236.32	478.06	0.76
		1007	11.00	53.64	12.62	12.77	53.49	-2.51	665.10	207.06	292.48	579.68	-178.40
		1010	6.49	78.59	4.06	16.57	66.08	27.86	340.08	116.95	178.13	278.90	-99.54
		985	8.33	109.42	-16.16	-15.19	108.45	-10.97	196.14	63.06	63.07	196.13	-1.51
772	36	589	10.03	123.06	23.58	30.17	116.47	24.75	359.21	182.88	182.89	359.20	-0.89
		1007	8.28	40.22	9.32	9.47	40.06	-2.18	500.98	155.49	221.22	435.25	-135.60
		1010	4.88	58.57	3.17	12.31	49.43	20.57	257.85	88.58	136.17	210.27	-76.10

		985	6.21	81.66	-12.26	-11.50	80.90	-8.45	148.23	52.56	52.61	148.18	-2.23
772	37	589	9.38	116.01	20.87	27.30	109.59	23.87	322.52	134.17	134.40	322.29	6.59
		1007	7.36	36.82	9.01	9.04	36.78	-1.00	442.66	137.98	188.46	392.17	-113.28
		1010	4.39	54.66	2.43	11.63	45.45	19.90	219.17	75.67	109.32	185.52	-60.79
		985	5.87	76.55	-10.72	-10.14	75.97	-7.12	128.85	18.45	18.57	128.73	3.70
773	22	1007	11.40	81.50	13.32	16.74	78.08	14.89	648.18	210.32	272.74	585.76	-153.09
		1008	11.29	51.32	6.22	9.17	48.38	11.15	689.56	120.95	171.30	639.21	-161.54
		1011	7.24	56.60	2.52	7.34	51.78	15.41	397.33	72.56	116.91	352.98	-111.52
		1010	6.84	72.13	2.29	5.61	68.81	14.86	333.60	113.07	164.03	282.65	-92.95
773	36	1007	8.56	60.84	9.95	12.38	58.40	10.86	487.86	158.45	206.51	439.80	-116.28
		1008	8.48	38.45	4.69	6.79	36.35	8.15	517.88	90.76	129.01	479.63	-121.96
		1011	5.45	42.30	1.96	5.43	38.84	11.31	299.43	54.87	88.69	265.62	-84.42
		1010	5.14	53.81	1.78	4.15	51.44	10.85	252.65	85.99	125.60	213.04	-70.94
773	37	1007	7.73	56.67	9.23	11.96	53.94	11.03	432.96	138.05	174.66	396.34	-97.25
		1008	7.60	34.79	4.16	6.53	32.41	8.19	464.65	81.85	112.95	433.55	-104.58
		1011	4.84	38.62	1.44	5.19	34.87	11.20	263.77	48.50	75.12	237.16	-70.86
		1010	4.62	50.07	1.28	3.88	47.47	10.96	216.23	71.64	99.60	188.27	-57.11
774	22	1008	11.43	54.54	6.79	10.01	51.33	11.96	687.87	113.54	161.30	640.11	-158.59
		1009	11.19	34.90	1.84	3.86	32.88	7.92	669.49	29.27	47.10	651.66	-105.35
		1012	7.24	38.94	0.11	3.71	35.35	11.26	400.10	15.89	35.70	380.28	-84.98
		1011	7.23	55.18	1.42	6.06	50.55	15.09	396.34	68.03	111.03	353.34	-110.76
774	36	1008	8.59	40.83	5.12	7.41	38.54	8.75	516.60	85.28	121.59	480.29	-119.76
		1009	8.41	26.38	1.41	2.85	24.94	5.82	502.44	21.82	35.38	488.88	-79.59
		1012	5.46	29.29	0.14	2.74	26.69	8.31	301.05	11.96	27.00	286.01	-64.21
		1011	5.44	41.26	1.14	4.48	37.92	11.08	298.67	51.53	84.32	265.88	-83.83
774	37	1008	7.70	37.08	4.54	7.14	34.48	8.82	463.59	76.53	105.92	434.19	-102.54
		1009	7.48	22.29	1.12	2.77	20.64	5.68	452.91	21.15	31.82	442.23	-67.04
		1012	4.80	25.44	-0.17	2.64	22.63	8.01	268.08	12.10	23.87	256.31	-53.62
		1011	4.83	37.60	0.64	4.26	33.97	10.99	263.17	45.24	70.99	237.42	-70.35
775	22	1009	11.55	36.02	1.52	3.90	33.63	8.75	686.25	11.31	34.73	662.84	-123.52
		972	9.77	14.19	-0.24	0.11	13.84	2.22	600.59	-7.97	-6.62	599.23	28.66
		1002	6.27	20.98	-0.10	0.49	20.39	3.48	346.66	-5.54	-5.05	346.17	13.18
		1012	7.49	38.91	-0.46	3.36	35.10	11.65	414.11	0.02	25.81	388.32	-100.08
775	36	1009	8.68	27.21	1.17	2.88	25.50	6.45	515.13	8.26	26.08	497.31	-93.35
		972	7.36	11.14	-0.18	0.09	10.88	1.73	450.57	-6.05	-5.06	449.58	21.23
		1002	4.73	16.06	-0.07	0.37	15.62	2.65	260.78	-4.23	-3.87	260.41	9.77
		1012	5.64	29.27	-0.28	2.48	26.50	8.60	311.66	-0.03	19.55	292.08	-75.64
775	37	1009	7.71	23.09	0.86	2.80	21.14	6.28	463.49	9.63	23.65	449.47	-78.54
		972	6.49	6.68	-0.16	0.03	6.49	1.11	408.11	-4.99	-3.86	406.99	21.56
		1002	4.12	11.96	-0.06	0.30	11.60	2.06	234.22	-3.30	-2.83	233.75	10.53
		1012	4.95	25.41	-0.59	2.39	22.43	8.29	276.83	2.06	17.38	261.50	-63.06
776	8	985	7.75	92.74	-9.19	-8.15	91.70	-10.21	183.59	-26.60	-25.13	182.13	17.51
		1010	7.04	87.13	-5.90	4.69	76.55	29.54	305.24	102.93	138.26	269.91	-76.81
		1013	5.68	88.94	-2.38	-1.11	87.66	10.71	120.47	43.77	55.17	109.07	-27.28
		604	3.15	40.85	3.98	6.60	38.23	9.47	56.63	-49.06	-48.34	55.91	8.74
776	36	985	5.28	64.35	-8.61	-7.37	63.11	-9.42	150.51	53.31	53.34	150.48	-1.58
		1010	5.26	60.85	-2.36	3.10	55.39	17.75	262.42	89.66	137.63	214.44	-77.37
		1013	4.11	62.03	-1.54	-1.08	61.57	5.37	124.69	48.97	77.79	95.87	-36.77
		604	1.98	27.96	5.28	5.69	27.55	3.03	59.33	30.91	32.13	58.11	-5.76
776	37	985	4.98	60.46	-7.23	-6.24	59.47	-8.13	130.86	19.03	19.21	130.68	4.45
		1010	4.75	56.65	-2.87	2.88	50.90	17.58	223.47	76.81	110.79	189.49	-61.87
		1013	3.76	57.88	-1.52	-0.98	57.34	5.64	97.96	39.66	56.15	81.47	-26.25
		604	1.88	26.15	3.89	4.68	25.36	4.11	46.27	1.52	1.52	46.27	-0.14
777	22	1010	7.06	75.42	2.63	5.66	72.38	14.55	335.71	116.42	164.54	287.58	-90.76
		1011	7.19	54.59	1.76	6.33	50.02	14.85	397.49	73.57	116.91	354.15	-110.28
		1014	4.67	56.72	-0.81	3.86	52.04	15.72	205.13	29.05	66.19	168.00	-71.83
		1013	4.40	63.21	0.38	2.85	60.74	12.21	159.25	59.47	90.95	127.77	-46.37
777	36	1010	5.31	56.27	2.01	4.17	54.11	10.62	254.18	88.50	125.96	216.72	-69.30
		1011	5.41	40.82	1.41	4.69	37.54	10.89	299.53	55.63	88.69	266.48	-83.48
		1014	3.52	42.36	-0.53	2.84	38.99	11.54	155.55	22.57	50.98	127.14	-54.50
		1013	3.30	47.15	0.34	2.09	45.40	8.87	122.06	45.98	71.03	97.01	-35.76
777	37	1010	4.79	52.40	1.62	4.00	50.02	10.73	217.97	73.78	100.03	191.72	-55.64
		1011	4.81	37.19	0.90	4.46	33.63	10.79	263.93	49.18	75.12	237.99	-69.98
		1014	3.12	38.73	-0.85	2.72	35.16	11.34	132.00	18.85	40.14	110.71	-44.22
		1013	3.00	43.78	-0.04	1.92	41.82	9.06	96.94	35.39	49.82	82.51	-26.07
778	22	1011	7.28	55.98	1.64	6.15	51.47	14.98	396.51	68.74	110.55	354.70	-109.34
		1012	7.25	38.76	0.07	3.52	35.31	11.03	399.87	15.84	35.44	380.27	-84.50
		1015	4.59	42.63	-0.97	2.94	38.72	12.45	209.48	-7.56	16.39	185.52	-68.01
		1014	4.61	54.74	-1.15	3.61	49.98	15.61	205.25	25.76	62.04	168.97	-72.08
778	36	1011	5.48	41.86	1.31	4.55	38.61	11.00	298.77	52.06	83.95	266.88	-82.77
		1012	5.46	29.15	0.11	2.60	26.66	8.13	300.87	11.93	26.80	285.99	-63.86
		1015	3.46	31.96	-0.67	2.17	29.12	9.19	158.39	-5.38	12.70	140.31	-51.33
		1014	3.47	40.89	-0.78	2.66	37.45	11.46	155.62	20.13	47.88	127.87	-54.68
778	37	1011	4.88	38.17	0.82	4.34	34.66	10.91	263.37	45.69	70.67	238.39	-69.38
		1012	4.81	25.31	-0.18	2.51	22.62	7.83	267.92	12.06	23.68	256.30	-53.27
		1015	3.01	28.22	-0.87	2.09	25.26	8.80	137.31	-3.71	10.49	123.11	-42.44
		1014	3.07	37.34	-1.13	2.54	33.68	11.29	132.15	16.50	37.27	111.38	-44.40

779	21	1012	7.45	39.00	0.08	3.07	36.01	10.36	406.34	-0.11	25.65	380.58	-99.03
		1002	6.28	23.50	-9.04e-03	0.55	22.94	3.58	339.31	-5.62	-5.52	339.22	5.77
		973	3.93	30.34	0.02	0.76	29.60	4.68	161.50	-4.66	-4.54	161.38	-4.48
		1015	4.78	41.40	-0.87	2.52	38.01	11.48	223.41	-20.48	11.06	191.87	-81.84
779	35	1012	5.62	29.36	0.08	2.29	27.15	7.74	306.34	-2.95e-03	19.42	286.91	-74.66
		1002	4.74	17.78	-4.50e-03	0.41	17.36	2.70	255.86	-4.25	-4.18	255.79	4.35
		973	2.97	22.85	0.01	0.57	22.30	3.52	122.21	-3.51	-3.43	122.12	-3.30
		1015	3.60	31.12	-0.64	1.88	28.61	8.57	168.74	-15.17	8.53	145.03	-61.62
779	37	1012	4.96	25.66	-0.47	2.44	22.75	8.22	275.75	2.87	17.17	261.44	-60.82
		1002	4.13	12.25	6.49e-03	0.33	11.93	1.95	234.01	-2.97	-2.77	233.81	6.93
		973	2.51	18.41	0.02	0.50	17.94	2.92	106.40	-2.23	-2.22	106.39	-1.38
		1015	3.10	28.03	-1.11	2.01	24.91	9.01	144.49	-11.92	6.05	126.52	-49.87
780	7	604	6.86	110.86	10.04	16.14	104.77	24.03	63.61	-80.25	-75.65	59.02	25.30
		1013	3.86	52.69	1.11	2.14	51.66	7.20	104.47	24.56	28.41	100.63	-17.10
		1016	3.73	66.79	-1.48	9.39	55.91	24.99	28.40	-29.24	-28.06	27.21	-8.19
		986	5.00	77.27	-3.76	-3.66	77.18	2.70	33.21	-61.81	-60.64	32.04	10.48
780	31	604	4.99	81.86	7.87	12.17	77.56	17.31	50.88	-44.26	-41.39	48.01	16.28
		1013	2.89	39.16	0.89	1.49	38.56	4.77	84.18	24.78	29.87	79.09	-16.62
		1016	2.71	49.36	-0.75	6.88	41.73	18.00	25.89	-14.39	-12.30	23.80	-8.95
		986	3.63	57.23	-3.05	-3.01	57.19	1.45	27.91	-32.01	-31.47	27.37	5.67
780	37	604	4.17	71.38	8.29	11.43	68.24	13.72	56.93	9.30	10.20	56.03	6.51
		1013	2.73	35.10	0.85	1.02	34.93	2.39	100.41	38.31	54.48	84.25	-27.25
		1016	2.30	43.23	0.37	5.81	37.80	14.26	43.32	5.44	16.19	32.57	-17.08
		986	3.04	50.50	-3.61	-3.61	50.50	-0.47	35.84	14.99	15.12	35.71	-1.64
781	22	1013	4.66	68.06	1.80	4.73	65.13	13.63	163.38	61.49	91.89	132.98	-46.63
		1014	4.60	54.02	-0.93	3.51	49.59	14.97	206.53	29.47	65.86	170.14	-71.55
		1017	3.26	55.25	-1.55	3.10	50.59	15.58	98.36	-17.64	20.85	59.87	-54.62
		1016	3.35	59.56	-1.21	1.88	56.46	13.37	82.26	17.81	44.96	55.11	-31.82
781	36	1013	3.49	50.76	1.40	3.49	48.68	9.93	125.11	47.52	71.73	100.90	-35.95
		1014	3.46	40.36	-0.61	2.58	37.16	10.98	156.59	22.89	50.73	128.74	-54.29
		1017	2.43	41.22	-1.08	2.27	37.86	11.43	75.47	-12.14	17.20	46.12	-41.35
		1016	2.50	44.39	-0.85	1.35	42.19	9.73	64.27	14.84	36.64	42.47	-24.55
781	37	1013	3.19	47.21	0.99	3.26	44.94	10.00	100.05	36.56	50.50	86.11	-26.28
		1014	3.07	36.85	-0.93	2.48	33.44	10.82	133.01	19.12	39.92	112.20	-44.01
		1017	2.17	37.76	-1.32	2.19	34.25	11.18	58.95	-12.75	9.11	37.09	-33.00
		1016	2.32	41.22	-1.10	1.30	38.82	9.79	44.37	7.72	18.84	33.25	-16.85
782	21	1014	4.63	52.83	-0.25	3.50	49.08	13.59	211.89	29.45	68.58	172.76	-74.89
		1015	4.63	41.52	-0.50	2.59	38.42	10.98	212.37	-7.18	17.69	187.50	-69.58
		1018	3.08	44.39	-0.80	2.26	41.33	11.36	103.27	-41.33	-3.09	65.03	-63.78
		1017	3.16	51.26	-1.45	2.31	47.51	13.57	108.63	-13.76	28.30	66.57	-58.13
782	35	1014	3.49	39.68	-0.15	2.60	36.92	10.11	160.18	22.62	52.21	130.59	-56.52
		1015	3.49	31.22	-0.35	1.94	28.92	8.19	160.41	-5.15	13.54	141.73	-52.39
		1018	2.33	33.33	-0.58	1.69	31.06	8.47	78.21	-30.61	-2.01	49.61	-47.90
		1017	2.38	38.47	-1.06	1.71	35.70	10.09	82.42	-9.72	22.01	50.69	-43.78
782	37	1014	3.12	37.86	-0.86	2.76	34.24	11.27	133.36	16.77	37.08	113.05	-44.22
		1015	3.02	28.11	-0.80	2.06	25.25	8.63	138.12	-3.87	10.25	124.00	-42.50
		1018	1.97	30.76	-0.91	1.82	28.03	8.89	60.89	-29.06	-5.15	36.98	-39.74
		1017	2.15	36.93	-1.67	1.89	33.37	11.17	59.91	-14.13	7.84	37.94	-33.82
783	21	1015	4.80	41.67	-0.71	2.58	38.38	11.34	222.48	-18.80	10.71	192.96	-79.06
		973	3.95	30.65	0.12	0.81	29.96	4.56	162.97	-5.03	-4.43	162.38	-10.01
		1001	2.45	37.33	0.07	0.92	36.48	5.57	47.63	-11.39	-4.65	40.90	-18.76
		1018	3.22	44.08	-0.99	2.21	40.88	11.58	115.25	-54.21	-7.51	68.56	-75.71
783	35	1015	3.62	31.33	-0.51	1.93	28.89	8.47	168.03	-13.91	8.27	145.86	-59.52
		973	2.98	23.09	0.09	0.61	22.57	3.43	123.30	-3.79	-3.35	122.87	-7.46
		1001	1.85	28.05	0.05	0.69	27.41	4.18	36.42	-8.39	-3.50	31.54	-13.97
		1018	2.43	33.10	-0.73	1.65	30.72	8.65	87.21	-40.28	-5.35	52.28	-56.86
783	37	1015	3.12	28.22	-0.97	2.06	25.19	8.90	144.01	-10.90	5.79	127.32	-48.03
		973	2.52	18.65	0.10	0.54	18.21	2.82	107.35	-2.37	-2.14	107.12	-4.99
		1001	1.51	24.52	0.06	0.63	23.95	3.70	25.80	-7.75	-2.49	20.54	-12.20
		1018	2.13	30.54	-1.07	1.78	27.68	9.06	68.23	-37.04	-7.82	39.01	-47.14
784	7	986	4.36	66.53	-1.56	-1.49	66.47	2.06	27.36	-66.82	-65.29	25.82	11.91
		1016	3.98	67.66	-6.87	1.78	59.01	23.87	32.57	-25.78	-23.87	30.66	-10.39
		1019	3.89	70.90	-2.11	1.07	67.72	14.89	6.97	-62.62	-55.07	-0.58	-21.65
		613	2.39	39.67	-1.21	4.71	33.74	14.40	5.90	-48.67	-48.61	5.85	-1.74
784	31	986	3.15	49.26	-1.41	-1.39	49.24	1.00	23.59	-35.67	-34.90	22.81	6.74
		1016	2.90	50.05	-4.74	1.25	44.07	17.09	29.29	-12.14	-9.21	26.36	-10.62
		1019	2.84	52.43	-1.47	0.67	50.28	10.54	10.23	-40.37	-32.68	2.55	-18.16
		613	1.66	29.09	-0.33	3.54	25.22	9.95	8.05	-23.18	-22.85	7.71	-3.20
784	37	986	2.61	43.42	-2.13	-2.11	43.41	-0.79	31.88	12.14	12.17	31.85	-0.70
		1016	2.47	44.02	-3.14	0.89	40.00	13.18	47.19	6.56	18.88	34.87	-18.68
		1019	2.43	46.01	-1.07	0.23	44.71	7.71	28.34	-19.57	-2.95	11.71	-22.81
		613	1.28	24.90	1.34	3.29	22.95	6.50	28.89	10.51	21.81	17.58	-8.94
785	8	1016	3.76	66.45	-1.95	2.76	61.73	17.33	46.86	-7.43	-0.32	39.75	-18.31
		1017	3.25	56.44	-3.09	3.33	50.02	18.47	72.27	-28.18	-1.38	45.47	-44.43
		1020	3.87	58.17	-2.74	3.36	52.07	18.29	24.76	-80.67	-40.18	-15.73	-51.28
		1019	3.23	59.03	-2.10	2.96	53.98	16.83	17.69	-46.96	-32.36	3.09	-27.04
785	32	1016	2.77	49.16	-1.29	1.96	45.91	12.39	39.69	-0.82	6.50	32.36	-15.59

		1017	2.42	41.89	-2.09	2.40	37.40	13.32	58.14	-19.06	2.39	36.69	-34.58
		1020	2.86	43.08	-1.88	2.40	38.80	13.19	22.22	-57.87	-26.40	-9.25	-39.12
		1019	2.39	43.62	-1.38	2.09	40.14	12.02	17.83	-30.55	-17.43	4.71	-21.50
785	37	1016	2.42	43.04	-0.85	1.50	40.69	9.88	45.74	7.91	19.28	34.38	-17.34
		1017	2.14	36.86	-1.46	1.94	33.46	10.89	60.16	-12.39	9.22	38.55	-33.18
		1020	2.48	37.67	-1.34	1.90	34.43	10.77	27.02	-46.06	-16.02	-3.02	-35.95
		1019	2.10	38.03	-0.91	1.58	35.54	9.53	25.53	-18.48	-2.03	9.07	-21.30
786	8	1017	3.30	57.24	-3.09	3.44	50.70	18.75	73.55	-30.54	-3.44	46.45	-45.68
		1018	3.01	46.13	-1.76	3.02	41.36	14.35	79.36	-48.51	-12.97	43.83	-57.28
		1021	3.98	50.76	-1.46	2.93	46.37	14.48	33.11	-105.04	-36.94	-34.99	-69.06
		1020	3.85	56.81	-3.04	3.26	50.51	18.37	25.96	-82.25	-40.91	-15.38	-52.58
786	32	1017	2.46	42.48	-2.11	2.48	37.90	13.54	59.06	-20.79	0.85	37.42	-35.49
		1018	2.24	34.47	-1.19	2.19	31.09	10.45	62.38	-35.40	-8.62	35.60	-43.60
		1021	2.94	37.75	-1.00	2.12	34.63	10.54	27.03	-76.76	-26.31	-23.42	-51.88
		1020	2.84	42.07	-2.10	2.33	37.65	13.26	23.11	-59.03	-26.95	-8.98	-40.08
786	37	1017	2.18	37.37	-1.50	2.00	33.88	11.12	60.93	-13.88	7.84	39.20	-33.96
		1018	1.99	30.72	-0.82	1.83	28.07	8.75	61.87	-29.14	-5.28	38.01	-40.03
		1021	2.54	33.26	-0.72	1.74	30.80	8.80	28.49	-64.16	-20.60	-15.06	-46.24
		1020	2.46	36.79	-1.54	1.83	33.42	10.85	27.78	-47.07	-16.53	-2.76	-36.79
787	8	1018	3.20	46.13	-1.91	3.05	41.17	14.62	87.21	-57.55	-16.58	46.24	-65.21
		1001	2.04	36.00	0.19	1.00	35.19	5.32	34.23	-18.75	-3.14	18.63	-24.15
		974	3.46	45.01	0.10	1.10	44.00	6.64	11.87	-81.97	-5.38	-64.72	-36.35
		1021	4.24	50.44	-1.63	2.90	45.92	14.66	46.31	-118.85	-38.92	-33.61	-82.54
787	32	1018	2.38	34.47	-1.31	2.21	30.95	10.66	68.40	-42.30	-11.42	37.52	-49.65
		1001	1.59	27.19	0.14	0.75	26.58	4.00	27.60	-13.30	-2.48	16.78	-18.04
		974	2.54	33.63	0.07	0.82	32.88	4.95	9.11	-58.69	-4.09	-45.50	-26.84
		1021	3.14	37.51	-1.13	2.09	34.30	10.68	36.97	-87.15	-27.88	-22.30	-62.00
787	37	1018	2.09	30.72	-0.95	1.83	27.94	8.96	67.48	-35.52	-7.98	39.94	-45.58
		1001	1.53	24.71	0.14	0.68	24.17	3.60	29.23	-10.27	-2.42	21.38	-15.76
		974	2.16	29.87	0.07	0.73	29.22	4.38	8.61	-46.66	-3.70	-34.35	-22.99
		1021	2.71	33.05	-0.85	1.71	30.49	8.95	37.38	-73.45	-22.16	-13.91	-55.27
788	8	613	4.11	79.17	5.69	11.72	73.14	20.16	22.04	-6.51	-6.10	21.64	-3.38
		1019	2.77	50.74	-0.38	2.17	48.20	11.11	23.02	-50.44	-35.33	7.91	-29.69
		1022	4.05	60.69	-1.23	7.33	52.13	21.38	29.70	-98.98	-65.09	-4.19	-56.68
		987	3.20	58.97	-1.23	0.40	57.34	9.77	35.76	-4.46	6.64	24.66	-17.98
788	32	613	2.99	58.38	4.47	8.69	54.16	14.49	19.81	4.84	5.96	18.69	-3.93
		1019	2.04	37.55	-0.18	1.49	35.87	7.77	21.73	-33.10	-19.62	8.24	-23.61
		1022	2.98	44.75	-0.69	5.31	38.75	15.38	26.21	-69.03	-41.77	-1.05	-43.05
		987	2.34	43.57	-0.97	0.08	42.52	6.77	32.70	3.01	15.03	20.68	-14.57
788	37	613	2.56	50.77	4.38	7.54	47.61	11.70	30.16	17.35	25.82	21.70	-6.07
		1019	1.78	32.87	-4.39e-03	1.04	31.83	5.77	28.78	-20.59	-3.86	12.05	-23.37
		1022	2.56	38.75	-0.15	4.37	34.24	12.46	31.23	-51.44	-23.39	3.17	-39.14
		987	2.02	38.10	-1.02	-0.41	37.49	4.85	43.96	12.15	33.23	22.89	-15.05
789	8	1019	3.37	62.48	-1.39	3.92	57.17	17.64	19.58	-46.41	-31.80	4.98	-27.40
		1020	3.79	56.52	-2.73	3.18	50.61	17.76	25.91	-80.42	-39.93	-14.57	-51.63
		1023	4.53	58.63	-2.06	4.07	52.50	18.29	15.13	-133.60	-72.25	-46.22	-73.21
		1022	3.73	58.26	-1.82	3.91	52.52	17.65	22.87	-88.41	-56.32	-9.22	-50.41
789	32	1019	2.50	46.17	-0.86	2.81	42.50	12.62	19.20	-30.11	-17.02	6.12	-21.77
		1020	2.80	41.86	-1.86	2.27	37.73	12.79	23.08	-57.68	-26.22	-8.39	-39.38
		1023	3.34	43.32	-1.39	2.91	39.03	13.18	14.41	-96.85	-50.19	-32.26	-54.90
		1022	2.75	42.99	-1.20	2.77	39.02	12.63	21.26	-61.34	-35.33	-4.75	-38.37
789	37	1019	2.19	40.27	-0.44	2.22	37.61	10.07	26.67	-18.02	-1.66	10.31	-21.53
		1020	2.42	36.63	-1.31	1.79	33.53	10.40	27.76	-45.89	-15.87	-2.25	-36.19
		1023	2.86	37.66	-0.94	2.31	34.42	10.72	18.66	-79.63	-36.88	-24.08	-48.73
		1022	2.37	37.32	-0.77	2.10	34.45	10.05	27.25	-45.12	-17.89	0.03	-35.05
790	8	1020	3.86	57.40	-2.79	3.45	51.15	18.35	27.07	-81.85	-40.76	-14.02	-52.79
		1021	3.97	50.71	-1.34	2.94	46.42	14.30	34.26	-105.00	-36.98	-33.76	-69.61
		1024	4.97	55.36	-1.02	3.05	51.29	14.59	24.40	-162.39	-59.29	-78.70	-92.89
		1023	4.54	57.96	-2.42	3.78	51.76	18.33	16.67	-134.75	-72.18	-45.90	-74.56
790	32	1020	2.85	42.51	-1.91	2.47	38.13	13.24	23.92	-58.73	-26.84	-7.97	-40.23
		1021	2.93	37.72	-0.91	2.13	34.68	10.40	27.90	-76.74	-26.34	-22.50	-52.29
		1024	3.66	41.01	-0.69	2.20	38.11	10.60	19.90	-118.98	-42.82	-56.26	-69.11
		1023	3.34	42.83	-1.66	2.69	38.48	13.22	15.55	-97.72	-50.15	-32.02	-55.90
790	37	1020	2.47	37.19	-1.37	1.96	33.87	10.83	28.48	-46.79	-16.44	-1.87	-36.92
		1021	2.53	33.25	-0.63	1.76	30.87	8.67	29.28	-64.17	-20.63	-14.26	-46.61
		1024	3.14	35.78	-0.48	1.79	33.50	8.79	20.72	-100.45	-34.91	-44.82	-60.38
		1023	2.87	37.23	-1.19	2.11	33.92	10.77	19.67	-80.39	-36.86	-23.86	-49.60
791	8	1021	4.19	50.67	-1.47	2.97	46.23	14.55	44.84	-116.29	-39.03	-32.41	-80.50
		974	3.51	45.21	0.19	1.15	44.25	6.52	16.11	-85.11	-5.31	-63.68	-41.35
		1000	4.72	53.17	0.07	1.22	52.02	7.72	14.12	-138.20	-8.74	-115.33	-54.40
		1024	5.32	55.13	-1.19	3.00	50.95	14.78	42.36	-180.66	-60.85	-77.45	-111.20
791	32	1021	3.10	37.69	-1.01	2.15	34.54	10.59	35.85	-85.21	-27.96	-21.41	-60.44
		974	2.58	33.79	0.14	0.86	33.07	4.86	12.40	-61.17	-4.04	-44.73	-30.64
		1000	3.47	39.46	0.06	0.91	38.61	5.73	10.58	-100.49	-6.52	-83.39	-40.09
		1024	3.92	40.84	-0.82	2.16	37.86	10.74	33.27	-132.59	-44.05	-55.27	-82.74
791	37	1021	2.67	33.23	-0.74	1.76	30.73	8.87	36.34	-71.69	-22.24	-13.11	-53.82
		974	2.20	30.04	0.14	0.77	29.41	4.29	11.79	-49.12	-3.66	-33.68	-26.50

		1000	2.97	34.53	0.05	0.79	33.79	4.99	9.40	-83.47	-5.71	-68.36	-34.28
		1024	3.37	35.63	-0.61	1.75	33.26	8.95	32.43	-112.38	-36.11	-43.84	-72.30
792	8	987	3.01	54.30	-3.14	-1.43	52.59	9.76	31.47	-8.26	1.41	21.81	-17.05
		1022	4.01	60.83	-2.45	4.35	54.04	19.60	32.74	-98.39	-62.53	-3.12	-58.45
		1025	4.66	62.76	-0.70	4.58	57.49	17.52	54.20	-146.14	-86.55	-5.39	-91.58
		622	2.44	41.29	5.87	11.46	35.70	12.92	46.75	-23.58	6.98	16.19	-34.86
792	32	987	2.19	40.11	-2.34	-1.23	39.00	6.78	29.22	0.54	11.17	18.59	-13.85
		1022	2.95	44.89	-1.61	3.11	40.18	14.03	28.53	-68.67	-39.88	-0.25	-44.38
		1025	3.42	46.25	-0.40	3.24	42.60	12.52	43.90	-103.89	-57.77	-2.21	-68.47
		622	1.81	30.35	4.63	8.36	26.62	9.05	41.73	-12.17	15.20	14.36	-26.94
792	37	987	1.90	35.04	-2.09	-1.44	34.40	4.87	40.45	10.51	29.87	21.09	-14.31
		1022	2.54	38.98	-1.04	2.41	35.53	11.23	33.40	-51.26	-21.75	3.88	-40.34
		1025	2.92	40.05	-0.15	2.46	37.44	9.91	45.57	-81.46	-37.49	1.60	-60.43
		622	1.61	26.10	4.50	6.92	23.69	6.81	52.05	-1.48	33.26	17.30	-25.54
793	8	1022	3.78	59.65	-1.56	4.10	54.00	17.73	23.36	-88.38	-55.95	-9.07	-50.72
		1023	4.50	58.00	-2.07	3.90	52.03	17.97	16.04	-133.33	-72.05	-45.24	-73.47
		1026	5.36	60.70	-1.60	4.57	54.53	18.61	27.46	-187.15	-100.05	-59.64	-105.39
		1025	4.39	56.97	-0.70	5.98	50.29	18.46	40.91	-133.82	-79.38	-13.54	-80.93
793	32	1022	2.79	44.02	-1.00	2.91	40.11	12.68	21.63	-61.33	-35.06	-4.64	-38.59
		1023	3.31	42.87	-1.39	2.79	38.69	12.94	15.08	-96.66	-50.05	-31.53	-55.10
		1026	3.94	44.75	-1.06	3.27	40.42	13.40	22.94	-136.25	-70.80	-42.51	-78.33
		1025	3.22	41.97	-0.35	4.28	37.34	13.21	34.18	-94.86	-52.49	-8.19	-60.60
793	37	1022	2.41	38.25	-0.60	2.24	35.42	10.10	27.60	-45.11	-17.66	0.14	-35.25
		1023	2.84	37.29	-0.93	2.21	34.15	10.49	19.26	-79.46	-36.75	-23.45	-48.91
		1026	3.36	38.67	-0.68	2.58	35.41	10.84	24.82	-113.40	-54.88	-33.70	-68.29
		1025	2.74	36.26	-3.10e-03	3.36	32.90	10.52	37.42	-73.87	-32.96	-3.49	-53.66
794	8	1023	4.55	58.40	-2.24	3.88	52.28	18.27	17.35	-134.47	-72.00	-45.12	-74.71
		1024	4.97	55.39	-0.90	3.08	51.41	14.44	25.31	-162.45	-59.28	-77.86	-93.42
		1027	5.96	60.22	-0.70	3.28	56.24	15.05	35.03	-216.46	-79.80	-101.62	-125.27
		1026	5.37	59.95	-1.74	4.60	53.61	18.73	28.49	-188.02	-99.59	-59.95	-106.43
794	32	1023	3.35	43.16	-1.52	2.77	38.87	13.17	16.05	-97.50	-50.01	-31.43	-56.01
		1024	3.66	41.04	-0.60	2.22	38.21	10.48	20.58	-119.03	-42.81	-55.64	-69.51
		1027	4.38	44.45	-0.46	2.36	41.62	10.90	27.28	-158.82	-57.96	-73.57	-92.72
		1026	3.95	44.20	-1.17	3.29	39.75	13.49	23.71	-136.90	-70.47	-42.72	-79.10
794	37	1023	2.87	37.54	-1.07	2.19	34.29	10.73	20.10	-80.19	-36.75	-23.34	-49.69
		1024	3.14	35.83	-0.39	1.82	33.62	8.68	21.34	-100.52	-34.91	-44.28	-60.75
		1027	3.75	38.43	-0.30	1.91	36.22	8.99	26.07	-134.76	-48.01	-60.67	-80.16
		1026	3.37	38.18	-0.79	2.58	34.81	10.95	25.51	-113.99	-54.60	-33.87	-68.97
795	8	1024	5.27	55.35	-1.06	3.06	51.24	14.67	40.75	-178.22	-60.90	-76.58	-109.20
		1000	4.78	53.37	0.16	1.27	52.26	7.61	17.85	-141.23	-8.71	-114.67	-59.32
		975	5.69	60.65	0.04	1.33	59.36	8.74	19.53	-178.55	-13.00	-146.02	-73.39
		1027	6.45	60.07	-0.86	3.22	55.98	15.24	59.24	-240.82	-81.88	-99.70	-149.77
795	32	1024	3.89	41.01	-0.72	2.21	38.08	10.66	32.04	-130.74	-44.08	-54.62	-81.22
		1000	3.51	39.62	0.13	0.95	38.80	5.64	13.44	-102.83	-6.50	-82.90	-43.83
		975	4.18	44.78	0.03	0.98	43.84	6.45	14.51	-130.52	-9.63	-106.38	-54.02
		1027	4.74	44.33	-0.59	2.32	41.42	11.06	45.21	-176.87	-59.55	-72.11	-110.86
795	37	1024	3.34	35.80	-0.52	1.80	33.49	8.87	31.28	-110.68	-36.14	-43.26	-70.89
		1000	3.01	34.69	0.12	0.83	33.98	4.90	12.09	-85.71	-5.69	-67.93	-37.73
		975	3.57	38.71	0.03	0.85	37.89	5.56	12.63	-109.97	-8.32	-89.02	-46.15
		1027	4.06	38.33	-0.43	1.87	36.03	9.15	41.60	-150.40	-49.47	-59.33	-95.87
796	7	622	3.49	67.03	6.16	16.47	56.71	22.83	23.58	-35.32	-22.42	10.68	-24.36
		1025	4.25	50.69	-0.43	5.15	45.11	15.95	39.09	-158.37	-107.21	-12.07	-86.52
		1028	5.96	61.60	-1.53	9.05	51.02	23.58	73.27	-214.39	-135.00	-6.12	-128.59
		988	3.07	51.97	-3.17	2.92	45.89	17.27	34.16	-57.81	-38.47	14.83	-37.48
796	31	622	2.57	49.24	4.86	12.06	42.05	16.35	24.33	-17.49	-4.03	10.88	-19.54
		1025	3.11	37.37	-0.13	3.65	33.60	11.29	33.64	-111.99	-71.64	-6.71	-65.18
		1028	4.36	45.27	-0.87	6.50	37.90	16.91	58.45	-153.24	-92.27	-2.53	-95.86
		988	2.27	38.27	-2.21	1.93	34.13	12.27	31.52	-33.86	-16.08	13.74	-29.10
796	37	622	2.30	42.17	5.18	10.17	37.19	12.64	51.44	4.15	36.53	19.07	-21.98
		1025	2.64	32.51	0.37	2.67	30.22	8.27	45.50	-82.70	-38.41	1.20	-60.96
		1028	3.68	38.85	-4.80e-03	5.09	33.76	13.11	65.42	-118.00	-56.75	4.16	-86.51
		988	2.11	33.14	-1.62	0.97	30.55	9.13	53.16	-6.85	25.42	20.90	-29.92
797	8	1025	4.50	59.45	-0.83	6.23	52.39	19.39	41.55	-133.46	-79.26	-12.65	-80.92
		1026	5.31	59.74	-1.34	4.58	53.82	18.08	27.85	-187.14	-99.87	-59.42	-105.57
		1029	6.36	63.20	-1.00	5.80	56.41	19.75	52.11	-242.14	-125.78	-64.24	-143.87
		1028	5.34	58.55	-0.65	6.92	50.98	19.77	68.21	-184.14	-104.69	-11.24	-117.21
797	32	1025	3.30	43.79	-0.44	4.47	38.88	13.89	34.64	-94.57	-52.40	-7.53	-60.58
		1026	3.90	44.06	-0.87	3.27	39.91	13.00	23.23	-136.24	-70.67	-42.34	-78.47
		1029	4.67	46.49	-0.62	4.15	41.72	14.21	40.70	-176.67	-89.85	-46.12	-106.46
		1028	3.91	43.07	-0.32	4.95	37.81	14.17	53.94	-131.88	-71.26	-6.67	-87.12
797	37	1025	2.81	37.85	-0.05	3.54	34.25	11.10	37.80	-73.59	-32.87	-2.92	-53.64
		1026	3.32	38.10	-0.51	2.59	35.00	10.49	25.09	-113.40	-54.77	-33.55	-68.43
		1029	3.96	39.92	-0.30	3.28	36.34	11.46	39.26	-147.97	-71.43	-37.28	-92.05
		1028	3.30	37.07	0.02	3.88	33.21	11.32	53.63	-105.51	-49.32	-2.55	-76.05
798	8	1026	5.38	60.37	-1.62	4.68	54.07	18.73	28.86	-187.79	-99.50	-59.43	-106.46
		1027	5.96	60.29	-0.57	3.32	56.40	14.88	35.74	-216.72	-79.80	-101.17	-125.78
		1030	7.00	65.47	-0.46	3.63	61.38	15.91	58.30	-268.93	-98.61	-112.03	-163.48

		1029	6.38	62.93	-1.26	5.52	56.16	19.73	53.34	-242.85	-125.01	-64.50	-144.97
798	32	1026	3.95	44.51	-1.07	3.35	40.09	13.49	23.98	-136.73	-70.40	-42.34	-79.12
		1027	4.38	44.51	-0.37	2.39	41.75	10.78	27.82	-159.02	-57.96	-73.24	-93.10
		1030	5.14	48.16	-0.30	2.61	45.26	11.51	44.10	-197.43	-71.83	-81.50	-120.67
		1029	4.68	46.29	-0.82	3.94	41.53	14.20	41.61	-177.21	-89.29	-46.31	-107.28
798	37	1026	3.37	38.48	-0.69	2.64	35.14	10.94	25.75	-113.82	-54.54	-33.53	-68.99
		1027	3.75	38.51	-0.21	1.94	36.36	8.87	26.55	-134.95	-48.01	-60.38	-80.51
		1030	4.38	41.30	-0.16	2.10	39.04	9.42	39.84	-167.86	-59.97	-68.04	-103.77
		1029	3.98	39.75	-0.50	3.10	36.15	11.49	40.06	-148.45	-70.95	-37.44	-92.76
799	8	1027	6.40	60.28	-0.74	3.28	56.26	15.15	57.50	-238.54	-81.92	-99.12	-147.77
		975	5.75	60.85	0.13	1.38	59.60	8.62	23.25	-181.93	-12.99	-145.69	-78.25
		999	6.50	67.88	7.38e-03	1.44	66.45	9.74	27.41	-209.36	-17.83	-164.12	-93.08
		1030	7.66	65.39	-0.64	3.55	61.19	16.10	89.77	-300.41	-101.96	-108.68	-195.06
799	32	1027	4.71	44.50	-0.50	2.36	41.64	10.98	43.88	-175.13	-59.57	-71.67	-109.34
		975	4.23	44.94	0.10	1.02	44.02	6.36	17.35	-133.12	-9.62	-106.14	-57.71
		999	4.77	49.91	8.10e-03	1.06	48.86	7.16	20.27	-153.39	-13.16	-119.95	-68.47
		1030	5.63	48.10	-0.44	2.55	45.12	11.66	67.34	-220.69	-74.34	-79.00	-144.00
799	37	1027	4.03	38.50	-0.34	1.91	36.25	9.07	40.37	-148.80	-49.49	-58.94	-94.46
		975	3.61	38.87	0.10	0.89	38.09	5.47	15.28	-112.41	-8.31	-88.81	-49.56
		999	4.06	42.69	0.02	0.91	41.80	6.10	17.50	-129.96	-11.30	-101.16	-58.46
		1030	4.80	41.24	-0.30	2.04	38.90	9.58	59.87	-187.90	-62.18	-65.85	-123.87
800	7	988	3.06	49.54	-8.38	-2.35	43.51	17.70	33.64	-62.11	-43.64	15.17	-37.78
		1028	5.76	60.95	1.16	9.01	53.10	20.19	75.37	-214.58	-133.31	-5.90	-130.23
		1031	7.12	61.96	-1.50	9.12	51.34	23.68	109.39	-274.34	-163.98	-0.96	-173.69
		631	3.22	44.38	14.40	22.10	36.68	13.09	46.37	-87.97	-52.52	10.92	-59.21
800	31	988	2.27	36.50	-6.00	-1.88	32.38	12.58	30.89	-36.76	-19.87	14.01	-29.28
		1028	4.21	44.84	1.06	6.46	39.44	14.40	60.04	-153.44	-91.04	-2.36	-97.10
		1031	5.20	45.45	-0.88	6.51	38.06	16.96	84.78	-197.47	-113.81	1.13	-128.89
		631	2.31	32.58	10.92	16.02	27.47	9.19	40.87	-56.63	-26.64	10.88	-45.00
800	37	988	2.12	31.66	-4.72	-2.10	29.04	9.40	51.62	-8.27	22.17	21.18	-29.94
		1028	3.55	38.67	1.48	5.01	35.13	10.91	66.94	-118.34	-55.72	4.33	-87.64
		1031	4.37	38.74	-0.12	4.96	33.66	13.10	87.13	-156.24	-75.96	6.85	-114.43
		631	1.89	28.00	10.21	13.03	25.18	6.50	60.40	-26.31	15.61	18.48	-43.33
801	8	1028	5.36	58.95	-0.60	7.05	51.30	19.92	68.14	-184.10	-104.49	-11.47	-117.23
		1029	6.34	63.10	-0.76	5.78	56.55	19.36	52.46	-242.20	-125.88	-63.86	-144.03
		1032	7.55	67.24	-0.93	6.58	59.73	21.34	85.69	-298.84	-150.05	-63.10	-187.28
		1031	6.50	59.98	0.55	10.26	50.27	21.97	98.21	-239.29	-133.48	-7.61	-156.58
801	32	1028	3.92	43.37	-0.28	5.04	38.05	14.28	53.90	-131.85	-71.12	-6.84	-87.13
		1029	4.65	46.42	-0.45	4.14	41.84	13.92	40.96	-176.72	-89.92	-45.84	-106.59
		1032	5.53	49.35	-0.57	4.71	44.08	15.34	65.13	-218.33	-107.80	-45.41	-138.25
		1031	4.75	44.05	0.58	7.36	37.27	15.77	75.76	-172.45	-92.57	-4.11	-115.96
801	37	1028	3.32	37.35	0.07	3.97	33.45	11.41	53.60	-105.48	-49.21	-2.67	-76.06
		1029	3.95	39.89	-0.15	3.28	36.47	11.20	39.49	-148.02	-71.49	-37.04	-92.16
		1032	4.68	42.13	-0.25	3.71	38.17	12.34	59.66	-183.52	-86.95	-36.90	-118.99
		1031	4.00	37.73	0.85	5.86	32.72	12.63	71.81	-140.16	-67.79	-0.55	-100.51
802	8	1029	6.38	63.20	-1.14	5.59	56.48	19.69	53.48	-242.74	-124.98	-64.29	-144.97
		1030	7.01	65.60	-0.32	3.68	61.60	15.75	58.83	-269.36	-98.68	-111.84	-163.96
		1033	8.13	71.35	-0.35	4.04	66.96	17.19	90.39	-320.01	-115.44	-114.18	-205.20
		1032	7.57	66.90	-0.87	6.74	59.29	21.40	86.35	-299.01	-148.97	-63.69	-187.90
802	32	1029	4.68	46.50	-0.73	3.99	41.78	14.17	41.71	-177.13	-89.26	-46.15	-107.27
		1030	5.15	48.27	-0.19	2.65	45.43	11.39	44.50	-197.75	-71.89	-81.37	-121.03
		1033	5.96	52.33	-0.22	2.90	49.22	12.41	67.50	-234.96	-84.23	-83.23	-151.23
		1032	5.54	49.10	-0.54	4.82	43.75	15.40	65.63	-218.47	-107.00	-45.84	-138.72
802	37	1029	3.98	39.95	-0.41	3.15	36.39	11.45	40.15	-148.38	-70.93	-37.29	-92.75
		1030	4.38	41.42	-0.07	2.14	39.22	9.30	40.21	-168.16	-60.02	-67.93	-104.11
		1033	5.06	44.52	-0.10	2.31	42.10	10.09	59.48	-199.85	-70.61	-69.75	-129.67
		1032	4.69	41.91	-0.25	3.79	37.87	12.41	60.12	-183.65	-86.27	-37.26	-119.40
803	8	1030	7.61	65.59	-0.53	3.61	61.45	16.01	87.92	-298.30	-102.03	-108.35	-193.08
		999	6.57	68.09	0.10	1.49	66.70	9.62	31.25	-213.18	-17.86	-164.08	-97.94
		976	7.21	75.26	-0.03	1.55	73.69	10.78	37.54	-233.64	-22.95	-173.16	-112.89
		1033	8.97	71.31	-0.51	3.98	66.81	17.39	129.61	-359.12	-120.61	-108.89	-244.29
803	32	1030	5.59	48.26	-0.35	2.59	45.32	11.59	65.93	-219.08	-74.39	-78.76	-142.49
		999	4.82	50.08	0.08	1.10	49.06	7.07	23.20	-156.31	-13.18	-119.93	-72.16
		976	5.28	55.13	-0.02	1.14	53.98	7.89	27.71	-171.33	-16.91	-126.71	-83.01
		1033	6.58	52.30	-0.34	2.85	49.10	12.56	96.43	-263.80	-88.06	-79.31	-180.06
803	37	1030	4.77	41.40	-0.22	2.08	39.10	9.51	58.56	-186.40	-62.22	-65.62	-122.47
		999	4.11	42.86	0.09	0.95	41.99	6.01	20.22	-132.68	-11.32	-101.14	-61.87
		976	4.48	46.69	-4.14e-03	0.96	45.72	6.66	23.83	-145.41	-14.47	-107.10	-70.82
		1033	5.59	44.48	-0.23	2.26	41.99	10.25	84.34	-224.63	-73.93	-66.36	-154.44
804	7	631	4.27	66.36	7.70	27.03	47.03	27.57	40.12	-76.44	-47.41	11.08	-50.41
		1031	6.86	54.44	-0.53	8.80	45.11	20.64	109.09	-276.51	-165.60	-1.82	-174.55
		1034	8.91	68.64	-2.00	12.47	54.17	28.51	153.94	-342.82	-199.83	10.95	-224.91
		989	4.12	51.09	-8.76	4.31	38.03	24.73	39.67	-126.79	-99.43	12.30	-61.69
804	31	631	3.09	48.49	6.07	19.63	34.93	19.78	36.16	-48.07	-22.89	10.98	-38.56
		1031	5.01	40.01	-0.16	6.27	33.58	14.73	84.59	-199.08	-114.98	0.49	-129.55
		1034	6.51	50.28	-1.19	8.93	40.16	20.46	117.28	-247.78	-140.30	9.79	-166.39
		989	2.99	37.58	-6.15	2.98	28.44	17.78	34.51	-84.15	-61.31	11.68	-46.78

804	37	631	2.57	40.72	6.41	16.05	31.09	15.42	56.56	-19.26	18.80	18.50	-37.91
		1031	4.20	34.38	0.50	4.75	30.13	11.23	87.06	-157.70	-76.91	6.27	-115.10
		1034	5.45	42.63	-0.21	6.90	35.52	15.94	114.09	-199.20	-99.11	14.00	-146.08
		989	2.54	32.37	-4.45	1.97	25.95	13.97	49.55	-45.83	-14.74	18.47	-44.70
805	8	1031	6.62	62.12	-0.56	9.92	51.64	23.39	98.43	-239.14	-133.69	-7.03	-156.45
		1032	7.50	66.65	-0.34	6.77	59.55	20.63	85.59	-299.04	-150.09	-63.36	-187.36
		1035	8.90	72.15	-0.69	8.31	63.15	23.97	124.80	-355.02	-172.10	-58.13	-233.04
		1034	7.85	63.86	-0.12	11.12	52.61	24.35	132.52	-300.44	-166.50	-1.42	-200.12
805	32	1031	4.84	45.61	-0.22	7.11	38.28	16.80	75.92	-172.32	-92.72	-3.69	-115.86
		1032	5.49	48.94	-0.14	4.85	43.96	14.82	65.06	-218.49	-107.83	-45.60	-138.32
		1035	6.52	52.85	-0.39	5.94	46.52	17.23	93.72	-259.57	-124.07	-41.79	-171.79
		1034	5.74	46.85	0.09	7.97	38.97	17.50	100.77	-217.37	-116.98	0.38	-147.85
805	37	1031	4.07	39.04	0.22	5.67	33.59	13.48	71.92	-140.03	-67.91	-0.20	-100.43
		1032	4.65	41.82	0.11	3.83	38.10	11.89	59.62	-183.67	-86.99	-37.07	-119.06
		1035	5.50	44.85	-0.09	4.68	40.09	13.83	83.83	-218.57	-100.96	-33.78	-147.42
		1034	4.82	40.01	0.45	6.32	34.13	14.07	92.74	-178.44	-88.89	3.20	-127.53
806	8	1032	7.57	67.20	-0.87	6.74	59.59	21.44	86.32	-299.05	-149.15	-63.58	-187.88
		1033	8.13	71.50	-0.19	4.11	67.20	17.02	90.78	-320.65	-115.60	-114.28	-205.71
		1036	9.31	78.10	-0.30	4.58	73.22	18.94	128.83	-367.38	-129.03	-109.52	-247.91
		1035	8.90	72.14	-0.80	8.00	63.33	23.76	125.64	-355.05	-170.70	-58.71	-233.73
806	32	1032	5.55	49.33	-0.53	4.82	43.98	15.42	65.61	-218.50	-107.13	-45.76	-138.70
		1033	5.97	52.45	-0.09	2.95	49.41	12.28	67.79	-235.44	-84.35	-83.30	-151.62
		1036	6.82	57.12	-0.18	3.28	53.67	13.64	95.64	-269.69	-94.23	-79.81	-182.52
		1035	6.52	52.84	-0.48	5.71	46.65	17.09	94.35	-259.60	-123.04	-42.21	-172.30
806	37	1032	4.70	42.13	-0.23	3.80	38.10	12.43	60.10	-183.67	-86.38	-37.19	-119.38
		1033	5.06	44.64	0.01	2.36	42.30	9.96	59.76	-200.29	-70.72	-69.82	-130.02
		1036	5.77	48.22	-0.07	2.59	45.56	11.01	83.37	-229.23	-79.14	-66.72	-156.18
		1035	5.50	44.86	-0.19	4.49	40.18	13.74	84.38	-218.59	-100.07	-34.15	-147.86
807	8	1033	8.92	71.50	-0.41	4.02	67.06	17.30	127.66	-357.21	-120.77	-108.78	-242.36
		976	7.28	75.48	0.07	1.61	73.95	10.65	41.55	-237.90	-22.99	-173.36	-117.77
		998	7.82	83.13	-0.06	1.67	81.39	11.88	49.69	-251.15	-28.02	-173.43	-131.68
		1036	10.34	78.08	-0.46	4.50	73.12	19.10	175.89	-414.16	-136.53	-101.75	-294.51
807	32	1033	6.55	52.45	-0.26	2.89	49.30	12.50	94.94	-262.34	-88.18	-79.23	-178.58
		976	5.34	55.30	0.06	1.18	54.18	7.79	30.76	-174.57	-16.93	-126.87	-86.71
		998	5.72	60.68	-0.04	1.22	59.42	8.66	36.66	-184.16	-20.62	-126.88	-96.78
		1036	7.58	57.10	-0.31	3.21	53.58	13.77	130.32	-304.16	-99.77	-74.07	-216.86
807	37	1033	5.56	44.63	-0.15	2.30	42.18	10.18	82.96	-223.27	-74.03	-66.28	-153.07
		976	4.53	46.86	0.07	1.01	45.92	6.56	26.66	-148.41	-14.50	-107.24	-74.24
		998	4.82	50.89	-0.02	1.03	49.84	7.23	31.51	-156.14	-17.61	-107.02	-82.49
		1036	6.42	48.19	-0.19	2.53	45.46	11.16	113.11	-258.79	-83.90	-61.78	-185.62
808	7	989	4.18	48.96	-17.81	-5.43	36.58	25.94	43.32	-132.74	-105.17	15.75	-63.99
		1034	8.50	66.82	5.83	15.31	57.34	22.09	155.90	-343.80	-198.51	10.61	-226.92
		1037	10.72	68.42	-5.20	15.00	48.22	32.85	195.54	-415.16	-237.42	17.79	-277.41
		640	4.77	50.99	26.90	39.12	38.77	12.05	55.12	-171.82	-126.57	9.87	-90.67
808	31	989	3.05	36.07	-12.74	-4.07	27.40	18.66	37.08	-88.32	-65.47	14.23	-48.41
		1034	6.20	49.03	4.45	10.99	42.49	15.78	118.73	-248.55	-139.36	9.54	-167.87
		1037	7.83	49.99	-3.48	10.74	35.78	23.63	147.69	-301.03	-168.15	14.82	-204.86
		640	3.39	37.30	20.17	28.29	29.19	8.55	46.06	-117.77	-81.71	10.00	-67.88
808	37	989	2.62	31.26	-9.87	-3.71	25.11	14.67	51.16	-48.53	-18.10	20.73	-45.91
		1034	5.19	41.86	4.25	8.60	37.51	12.03	115.39	-200.00	-98.41	13.79	-147.38
		1037	6.56	41.98	-1.98	8.28	31.72	18.59	139.56	-245.01	-123.73	18.28	-178.69
		640	2.61	31.73	18.25	22.76	27.22	6.36	59.07	-75.32	-33.65	17.40	-62.16
809	7	1034	7.91	63.71	-1.00	11.65	51.05	25.66	119.44	-309.53	-183.35	-6.74	-195.47
		1035	8.87	72.80	-0.42	8.80	63.58	24.29	116.57	-356.86	-179.47	-60.82	-229.16
		1038	10.37	79.67	-1.52	9.87	68.28	28.20	162.70	-409.12	-195.26	-51.16	-276.68
		1037	9.56	69.28	0.06	17.12	52.22	29.83	157.18	-372.73	-217.10	1.55	-241.35
809	31	1034	5.78	46.70	-0.49	8.33	37.88	18.40	91.96	-223.36	-128.21	-3.19	-144.74
		1035	6.49	53.31	-0.16	6.27	46.87	17.40	88.23	-260.83	-129.02	-43.58	-169.22
		1038	7.59	58.20	-0.96	7.03	50.22	20.21	122.01	-299.12	-140.71	-36.40	-204.00
		1037	6.98	50.71	0.32	12.27	38.76	21.43	119.52	-269.83	-153.19	2.89	-178.35
809	37	1034	4.84	39.72	0.27	6.40	33.59	14.29	92.53	-178.47	-88.86	2.92	-127.49
		1035	5.48	45.11	0.26	4.76	40.61	13.46	83.85	-218.92	-101.30	-33.76	-147.57
		1038	6.39	48.78	-0.36	5.28	43.14	15.66	112.38	-251.31	-111.57	-27.36	-176.91
		1037	5.83	42.88	1.06	9.49	34.45	16.78	115.54	-218.25	-110.81	8.10	-155.95
810	8	1035	8.91	72.24	-0.76	8.04	63.45	23.76	125.47	-355.32	-171.00	-58.85	-233.76
		1036	9.32	78.32	-0.12	4.66	73.54	18.76	129.10	-368.28	-129.36	-109.82	-248.50
		1039	10.47	86.08	-0.36	5.18	80.53	21.17	172.45	-405.81	-136.82	-96.53	-288.43
		1038	10.35	78.96	-0.80	9.82	68.33	27.10	170.61	-406.91	-187.07	-49.23	-280.42
810	32	1035	6.52	52.93	-0.44	5.74	46.74	17.08	94.21	-259.80	-123.26	-42.32	-172.32
		1036	6.83	57.29	-0.05	3.33	53.91	13.50	95.85	-270.36	-94.48	-80.04	-182.96
		1039	7.66	62.79	-0.22	3.70	58.87	15.22	127.67	-297.74	-99.95	-70.12	-212.18
		1038	7.58	57.73	-0.47	7.01	50.25	19.48	127.30	-297.58	-135.11	-35.17	-206.48
810	37	1035	5.51	44.95	-0.15	4.52	40.29	13.73	84.26	-218.76	-100.26	-34.24	-147.87
		1036	5.77	48.39	0.05	2.64	45.80	10.88	83.56	-229.84	-79.35	-66.93	-156.58
		1039	6.46	52.61	-0.10	2.89	49.61	12.20	110.73	-252.59	-83.94	-57.92	-181.19
		1038	6.38	48.76	-0.16	5.50	43.10	15.64	112.40	-250.60	-110.38	-27.82	-176.74
811	8	1036	10.29	78.25	-0.36	4.54	73.35	19.01	173.86	-412.54	-136.81	-101.87	-292.68

		998	7.91	83.36	0.04	1.73	81.66	11.75	53.89	-255.86	-28.08	-173.89	-136.64
		977	8.30	91.72	-0.10	1.80	89.82	13.07	63.79	-258.21	-32.61	-161.81	-147.48
		1039	11.67	86.06	-0.47	5.14	80.45	21.31	226.68	-459.63	-147.09	-85.86	-341.79
811	32	1036	7.54	57.24	-0.23	3.25	53.76	13.70	128.77	-302.91	-99.97	-74.16	-215.46
		998	5.79	60.85	0.04	1.27	59.62	8.56	39.85	-187.74	-20.67	-127.22	-100.55
		977	6.05	66.72	-0.06	1.31	65.34	9.50	47.06	-189.17	-23.98	-118.13	-108.33
		1039	8.55	62.77	-0.31	3.67	58.80	15.33	167.61	-337.38	-107.52	-62.25	-251.47
811	37	1036	6.39	48.33	-0.11	2.57	45.65	11.08	111.68	-257.61	-84.08	-61.86	-184.31
		998	4.88	51.07	0.05	1.07	50.05	7.14	34.46	-159.44	-17.65	-107.32	-85.96
		977	5.07	55.41	-0.04	1.09	54.27	7.85	40.53	-159.80	-20.44	-98.83	-92.17
		1039	7.22	52.58	-0.19	2.87	49.52	12.33	144.94	-286.53	-90.43	-51.17	-214.84
812	7	640	6.27	79.24	4.93	44.71	39.46	37.06	42.89	-156.21	-120.49	7.17	-76.40
		1037	10.37	62.68	-2.37	14.03	46.28	28.25	195.14	-418.13	-239.65	16.66	-278.57
		1040	12.91	84.23	-4.62	18.52	61.09	38.99	255.42	-489.21	-273.57	39.78	-337.74
		990	6.21	55.89	-20.01	6.53	29.35	36.19	37.72	-244.20	-214.78	8.30	-86.19
812	31	640	4.50	57.59	4.17	32.33	29.43	26.67	36.93	-106.29	-77.32	7.97	-57.53
		1037	7.58	45.98	-1.44	10.02	34.52	20.30	147.43	-303.21	-169.75	13.97	-205.74
		1040	9.42	61.55	-3.03	13.24	45.28	28.04	191.46	-355.22	-194.78	31.01	-248.94
		990	4.48	41.16	-14.22	4.66	22.28	26.25	31.96	-170.10	-146.74	8.60	-64.61
812	37	640	3.57	47.35	5.26	26.02	26.59	21.04	51.05	-65.72	-30.17	15.50	-53.73
		1037	6.35	39.23	-0.37	7.68	31.18	15.93	139.43	-246.87	-124.96	17.53	-179.53
		1040	7.87	51.70	-1.54	10.16	40.01	22.05	176.21	-290.65	-146.73	32.29	-215.59
		990	3.64	35.61	-10.70	3.53	21.38	21.36	42.10	-116.74	-90.03	15.39	-59.41
813	7	1037	9.74	71.77	-2.70	15.95	53.12	32.27	157.16	-373.12	-217.93	1.97	-241.27
		1038	10.30	79.19	-0.33	10.32	68.53	27.08	162.14	-409.77	-195.71	-51.92	-276.77
		1041	11.92	88.75	-1.72	12.75	74.28	33.16	215.14	-450.12	-200.61	-34.37	-322.08
		1040	11.30	76.88	-1.58	18.44	56.86	34.20	202.10	-438.23	-249.81	13.68	-291.80
813	31	1037	7.11	52.50	-1.67	11.42	39.41	23.19	119.49	-270.10	-153.79	3.18	-178.28
		1038	7.53	57.87	-0.09	7.35	50.43	19.40	121.60	-299.61	-141.04	-36.97	-204.08
		1041	8.71	64.71	-1.08	9.07	54.56	23.77	160.51	-329.00	-144.68	-23.82	-237.18
		1040	8.24	56.25	-0.86	13.21	42.18	24.61	152.34	-317.85	-177.39	11.88	-215.21
813	37	1037	5.94	44.27	-0.53	8.79	34.95	18.18	115.44	-218.45	-111.31	8.30	-155.86
		1038	6.34	48.60	0.34	5.56	43.39	14.99	112.07	-251.79	-111.86	-27.86	-177.01
		1041	7.31	53.85	-0.41	6.83	46.62	18.44	145.22	-276.10	-115.09	-15.79	-204.72
		1040	6.89	47.49	0.15	10.22	37.41	19.38	142.95	-258.96	-132.05	16.05	-186.82
814	7	1038	10.37	79.78	-1.29	10.15	68.34	28.22	162.27	-408.54	-194.10	-52.17	-276.44
		1039	10.47	87.20	-0.22	5.53	81.44	21.68	167.90	-404.50	-138.02	-98.58	-285.52
		1042	11.51	97.10	-0.51	6.33	90.26	24.92	215.86	-423.50	-134.80	-72.84	-318.18
		1041	11.86	88.86	-1.49	12.34	75.02	32.53	214.91	-448.43	-198.34	-35.18	-321.48
814	31	1038	7.59	58.29	-0.79	7.22	50.27	20.23	121.71	-298.70	-139.84	-37.15	-203.84
		1039	7.67	63.56	-0.11	3.94	59.51	15.54	124.66	-296.97	-100.78	-71.53	-210.30
		1042	8.41	70.57	-0.32	4.49	65.76	17.83	159.95	-310.57	-98.40	-52.23	-234.13
		1041	8.67	64.80	-0.93	8.78	55.09	23.32	160.34	-327.76	-143.01	-24.42	-236.74
814	37	1038	6.39	48.88	-0.24	5.44	43.21	15.70	112.18	-250.99	-110.81	-28.00	-176.80
		1039	6.47	52.78	0.05	2.97	49.87	12.04	110.85	-253.44	-84.24	-58.34	-181.68
		1042	7.05	57.92	-0.12	3.33	54.47	13.72	141.22	-263.94	-82.15	-40.57	-201.51
		1041	7.27	53.96	-0.32	6.60	47.05	18.10	145.11	-275.05	-113.65	-16.29	-204.36
815	8	1039	11.63	86.22	-0.39	5.17	80.66	21.22	224.58	-458.37	-147.55	-86.24	-340.10
		977	8.39	91.95	8.81e-03	1.87	90.10	12.94	68.19	-263.39	-32.69	-162.51	-152.55
		997	8.51	101.31	-0.14	1.95	99.23	14.39	80.32	-248.05	-36.05	-131.68	-157.07
		1042	12.82	95.65	-0.51	5.95	89.19	24.08	280.57	-485.45	-147.88	-56.99	-380.31
815	32	1039	8.52	62.90	-0.24	3.69	58.96	15.26	166.01	-336.39	-107.85	-62.53	-250.18
		977	6.12	66.90	0.01	1.36	65.55	9.40	50.41	-193.10	-24.04	-118.65	-112.19
		997	6.19	73.44	-0.09	1.41	71.93	10.41	59.33	-181.37	-26.49	-95.55	-115.29
		1042	9.38	69.60	-0.34	4.24	65.02	17.29	207.25	-356.00	-108.07	-40.69	-279.60
815	37	1039	7.19	52.71	-0.12	2.89	49.70	12.26	143.46	-285.59	-90.71	-51.41	-213.62
		977	5.13	55.59	0.04	1.14	54.48	7.76	43.63	-163.41	-20.49	-99.30	-95.73
		997	5.13	60.36	-0.06	1.16	59.14	8.51	51.35	-152.07	-22.52	-78.20	-97.83
		1042	7.89	57.88	-0.20	3.29	54.39	13.80	178.96	-301.38	-90.74	-31.67	-238.35
816	7	990	6.24	52.05	-35.55	-11.66	28.17	39.01	46.80	-254.36	-223.36	15.80	-91.52
		1040	12.13	80.00	12.05	25.65	66.40	27.19	257.64	-491.53	-272.39	38.50	-340.81
		1043	15.56	87.23	-15.17	24.87	47.19	49.97	313.36	-559.58	-302.52	56.29	-397.90
		649	7.89	75.10	36.01	71.20	39.91	11.71	65.91	-301.27	-247.59	12.23	-129.73
816	31	990	4.53	38.48	-25.56	-8.53	21.46	28.29	38.60	-177.34	-152.88	14.15	-68.43
		1040	8.86	58.59	9.03	18.46	49.16	19.46	193.07	-356.98	-193.98	30.07	-251.18
		1043	11.36	63.59	-10.63	17.86	35.10	36.10	233.89	-406.74	-216.24	43.39	-292.83
		649	5.64	54.51	27.47	51.52	30.46	8.47	53.01	-212.71	-171.54	11.84	-96.15
816	37	990	3.74	33.76	-20.13	-7.17	20.81	23.03	47.62	-122.11	-94.76	20.27	-62.40
		1040	7.40	49.67	8.16	14.55	43.27	14.98	177.54	-292.33	-146.26	31.47	-217.47
		1043	9.49	52.89	-7.52	13.94	31.43	28.91	212.06	-334.09	-165.71	43.68	-252.21
		649	4.36	44.68	26.60	41.57	29.71	6.83	60.75	-154.94	-113.50	19.31	-84.98
817	7	1040	11.36	75.55	-2.86	18.55	54.14	34.93	201.15	-438.74	-250.01	12.42	-291.80
		1041	11.88	89.47	-0.54	13.08	75.85	32.26	214.79	-451.48	-202.11	-34.59	-322.43
		1044	13.43	101.26	-3.05	14.67	83.55	39.17	279.51	-469.81	-184.96	-5.33	-363.73
		1043	13.54	89.21	-2.33	28.57	58.31	43.29	257.21	-494.64	-271.26	33.83	-343.58
817	31	1040	8.29	55.26	-1.77	13.29	40.19	25.14	151.65	-318.24	-177.55	10.97	-215.21
		1041	8.68	65.27	-0.23	9.31	55.72	23.11	160.25	-330.01	-145.77	-24.00	-237.45

		1044	9.80	73.73	-2.02	10.44	61.28	28.07	207.80	-342.97	-133.19	-1.98	-267.45
		1043	9.88	65.20	-1.31	20.51	43.39	31.22	192.73	-359.03	-193.26	26.96	-252.95
817	37	1040	6.92	46.57	-0.55	10.29	35.72	19.83	142.38	-259.31	-132.23	15.31	-186.81
		1041	7.28	54.42	0.29	7.03	47.68	17.88	145.00	-277.01	-116.00	-16.01	-205.00
		1044	8.18	61.00	-1.08	7.84	52.08	21.77	185.68	-286.44	-105.30	4.54	-229.59
		1043	8.24	54.80	0.08	16.01	38.87	24.86	177.11	-293.29	-146.00	29.82	-218.15
818	7	1041	11.87	88.78	-1.58	12.34	74.86	32.62	214.40	-449.53	-199.30	-35.83	-321.74
		1042	11.52	97.40	-0.26	6.43	90.71	24.67	215.91	-425.20	-135.56	-73.72	-319.06
		1045	12.23	109.43	-0.62	7.47	101.34	28.71	268.46	-411.54	-114.82	-28.26	-337.23
		1044	13.32	101.17	-1.86	15.60	83.71	38.66	277.02	-465.54	-182.18	-6.34	-360.72
818	31	1041	8.68	64.75	-0.99	8.78	54.98	23.38	159.96	-328.57	-143.71	-24.90	-236.93
		1042	8.42	70.80	-0.13	4.57	66.10	17.64	159.99	-311.84	-98.96	-52.89	-234.78
		1045	8.92	79.32	-0.39	5.29	73.64	20.51	198.76	-301.22	-83.69	-18.77	-247.88
		1044	9.72	73.67	-1.16	11.11	61.40	27.71	206.00	-339.85	-131.15	-2.71	-265.26
818	37	1041	7.28	53.93	-0.35	6.60	46.98	18.13	144.76	-275.74	-114.25	-16.73	-204.51
		1042	7.06	58.15	0.05	3.40	54.80	13.55	141.28	-265.08	-82.62	-41.17	-202.12
		1045	7.41	64.43	-0.15	3.90	60.39	15.65	175.02	-254.16	-69.47	-9.66	-212.50
		1044	8.12	61.00	-0.40	8.39	52.21	21.51	184.23	-283.84	-103.56	3.96	-227.78
819	7	1042	12.78	97.22	-0.52	6.30	90.40	24.90	273.01	-481.52	-148.94	-59.57	-374.61
		997	8.69	103.58	-0.05	2.04	101.49	14.57	83.24	-252.42	-35.74	-133.43	-160.56
		978	8.42	115.19	-0.20	2.16	112.82	16.35	99.85	-210.96	-37.11	-74.00	-154.30
		1045	13.58	109.43	-0.66	7.46	101.31	28.78	330.18	-472.91	-132.33	-10.39	-396.89
819	31	1042	9.35	70.65	-0.33	4.47	65.86	17.82	202.01	-353.28	-108.81	-42.46	-275.65
		997	6.32	74.98	-0.02	1.48	73.47	10.52	61.71	-184.78	-26.29	-96.79	-118.10
		978	6.09	83.03	-0.14	1.56	81.34	11.76	74.12	-153.67	-27.26	-52.28	-113.20
		1045	9.92	79.31	-0.42	5.29	73.60	20.56	244.26	-346.46	-96.58	-5.62	-291.84
819	37	1042	7.86	58.00	-0.13	3.32	54.55	13.73	177.46	-300.72	-91.15	-32.11	-237.26
		997	5.20	60.54	0.01	1.21	59.35	8.42	54.61	-156.02	-22.58	-78.83	-101.49
		978	4.90	65.93	-0.09	1.23	64.61	9.26	65.96	-127.32	-23.32	-38.04	-96.36
		1045	8.29	64.41	-0.18	3.90	60.32	15.72	214.43	-293.33	-80.60	1.69	-250.53
820	7	649	10.33	117.94	-6.14	78.82	32.98	57.65	43.45	-277.28	-238.27	4.45	-104.83
		1043	14.90	78.90	-8.12	23.15	47.63	41.75	311.54	-564.31	-306.73	53.96	-399.07
		1046	18.35	119.01	-12.39	29.62	77.00	61.28	419.52	-612.77	-307.21	113.96	-471.23
		991	10.06	71.81	-44.71	11.61	15.49	58.23	55.09	-411.63	-382.63	26.09	-112.68
820	31	649	7.44	85.54	-3.76	56.97	24.82	41.66	36.33	-195.28	-164.93	5.99	-78.15
		1043	10.89	57.86	-5.50	16.60	35.76	30.19	232.61	-410.17	-219.24	41.67	-293.72
		1046	13.37	86.88	-8.52	21.21	57.15	44.19	311.62	-444.90	-219.52	86.24	-345.99
		991	7.29	53.06	-32.06	8.45	12.54	42.51	44.12	-293.05	-270.85	21.91	-83.63
820	37	649	5.90	69.69	-0.84	45.73	23.12	33.40	46.03	-140.79	-108.61	13.86	-70.54
		1043	9.12	49.28	-3.33	12.88	33.07	24.29	211.10	-336.88	-167.96	42.18	-253.04
		1046	11.11	72.70	-5.55	16.39	50.76	35.15	277.65	-363.74	-167.96	81.87	-295.37
		991	5.93	46.43	-24.99	6.98	14.46	35.51	49.79	-220.98	-198.77	27.58	-74.29
821	7	1043	13.88	93.15	-8.30	25.85	59.00	47.94	256.34	-496.05	-273.59	33.88	-343.35
		1044	13.29	100.52	-0.70	15.53	84.30	37.14	278.16	-471.43	-186.28	-6.99	-363.91
		1047	14.80	117.48	-3.44	19.96	94.08	47.78	359.22	-446.63	-131.92	44.51	-393.15
		1046	15.69	104.77	-5.20	30.72	68.85	51.57	338.04	-536.48	-270.80	72.36	-402.19
821	31	1043	10.13	68.01	-5.65	18.51	43.85	34.58	192.05	-360.06	-194.96	26.95	-252.77
		1044	9.70	73.24	-0.31	11.07	61.86	26.60	206.82	-344.17	-134.16	-3.20	-267.60
		1047	10.79	85.44	-2.25	14.25	68.94	34.28	266.46	-325.12	-94.25	35.59	-288.58
		1046	11.44	76.61	-3.31	22.11	51.19	37.22	251.95	-389.11	-192.98	55.82	-295.40
821	37	1043	8.44	56.91	-3.47	14.32	39.13	27.52	176.40	-294.15	-147.42	29.68	-217.97
		1044	8.10	60.77	0.33	8.40	52.70	20.55	184.88	-287.52	-106.12	3.48	-229.76
		1047	8.95	70.37	-1.09	10.88	58.41	26.68	236.21	-268.55	-72.05	39.71	-246.11
		1046	9.51	64.49	-1.31	17.45	45.74	29.71	227.20	-316.82	-145.95	56.33	-252.51
822	7	1044	13.36	101.27	-2.27	15.38	83.61	38.94	276.18	-467.32	-183.98	-7.15	-361.08
		1045	12.25	109.71	-0.29	7.62	101.81	28.41	268.49	-413.80	-115.81	-29.50	-338.41
		1048	12.36	124.58	-0.66	9.12	114.80	33.60	325.16	-346.40	-67.41	46.18	-330.94
		1047	14.58	117.32	-2.72	19.21	95.39	46.39	355.28	-441.07	-129.18	43.38	-388.71
822	31	1044	9.75	73.74	-1.46	10.95	61.33	27.92	205.37	-341.15	-132.47	-3.31	-265.52
		1045	8.93	79.54	-0.14	5.40	73.99	20.28	198.80	-302.90	-84.41	-19.69	-248.75
		1048	8.98	90.10	-0.40	6.47	83.23	23.96	240.80	-252.58	-48.86	37.08	-242.92
		1047	10.63	85.35	-1.73	13.72	69.90	33.27	263.58	-321.06	-92.24	34.76	-285.34
822	37	1044	8.14	61.05	-0.62	8.26	52.16	21.66	183.66	-284.93	-104.67	3.40	-227.98
		1045	7.42	64.67	0.07	4.00	60.74	15.45	175.07	-255.64	-70.08	-10.49	-213.28
		1048	7.38	72.53	-0.10	4.79	67.64	18.20	212.24	-210.05	-39.66	41.84	-207.17
		1047	8.82	70.38	-0.69	10.47	59.22	25.86	233.78	-265.15	-70.38	39.02	-243.39
823	7	1045	13.56	109.57	-0.56	7.51	101.50	28.70	328.26	-472.84	-133.26	-11.31	-395.88
		978	8.52	115.37	-0.12	2.20	113.05	16.20	104.33	-216.59	-37.19	-75.07	-159.34
		996	7.58	129.18	-0.24	2.41	126.52	18.36	134.95	-142.51	-35.56	27.99	-135.04
		1048	13.62	124.58	-0.78	9.03	114.77	33.66	384.97	-406.50	-90.22	68.68	-387.68
823	31	1045	9.90	79.42	-0.35	5.32	73.75	20.50	242.78	-346.34	-97.26	-6.30	-291.02
		978	6.16	83.18	-0.08	1.59	81.52	11.65	77.56	-157.96	-27.32	-53.08	-117.05
		996	5.43	92.76	-0.17	1.73	90.86	13.15	100.89	-103.04	-26.08	23.94	-98.85
		1048	9.92	90.09	-0.49	6.40	83.20	24.01	284.90	-296.90	-65.63	53.63	-284.73
823	37	1045	8.26	64.52	-0.11	3.94	60.48	15.66	212.94	-293.01	-81.16	1.09	-249.61
		978	4.97	66.09	-0.03	1.26	64.79	9.16	69.37	-131.50	-23.38	-38.75	-100.14
		996	4.35	72.47	-0.12	1.34	71.02	10.18	92.18	-83.04	-22.19	31.33	-83.42

		1048	8.21	72.50	-0.18	4.74	67.58	18.26	250.51	-248.49	-54.06	56.07	-243.35
824	7	991	9.91	60.58	-75.52	-29.20	14.26	64.49	74.15	-434.08	-401.45	41.52	-124.57
		1046	16.78	109.02	22.77	45.52	86.27	38.01	422.20	-617.52	-305.00	109.68	-476.72
		1049	22.41	135.93	-34.71	43.86	57.37	85.05	545.31	-635.70	-271.33	180.94	-545.49
		658	14.33	150.91	31.70	148.88	33.73	15.43	148.10	-448.81	-376.78	76.07	-194.44
824	31	991	7.20	45.13	-54.67	-21.26	11.72	47.10	58.15	-309.20	-284.37	33.32	-92.22
		1046	12.23	79.77	17.06	32.90	63.93	27.25	313.54	-448.46	-218.01	83.08	-350.00
		1049	16.34	99.13	-24.74	31.68	42.70	61.69	403.93	-460.64	-193.25	136.54	-399.60
		658	10.33	109.74	25.35	108.18	26.91	11.35	113.47	-320.71	-267.18	59.94	-142.75
824	37	991	5.94	40.68	-44.23	-17.59	14.04	39.40	61.84	-233.65	-209.36	37.55	-81.17
		1046	10.15	67.37	15.52	26.41	56.47	21.12	279.13	-367.03	-167.02	79.12	-298.72
		1049	13.58	82.49	-18.78	25.38	38.33	50.22	356.24	-373.63	-145.82	128.42	-338.20
		658	8.20	90.30	28.27	88.72	29.85	9.76	112.21	-245.54	-197.65	64.32	-121.82
825	7	1046	15.74	102.06	-7.30	31.35	63.41	52.27	334.60	-537.12	-271.31	68.79	-401.32
		1047	14.73	118.47	-1.29	20.81	96.36	46.46	358.07	-449.66	-136.29	44.70	-393.60
		1050	16.06	141.18	-7.52	21.15	112.52	58.65	470.48	-359.48	-13.66	124.65	-409.18
		1049	19.09	134.75	-10.43	51.64	72.68	71.83	462.83	-538.93	-221.35	145.25	-466.13
825	31	1046	11.48	74.57	-4.83	22.57	47.17	37.75	249.42	-389.58	-193.36	53.21	-294.76
		1047	10.73	86.21	-0.68	14.88	70.65	33.31	265.62	-327.35	-97.43	35.70	-288.92
		1050	11.67	102.63	-5.15	15.12	82.36	42.11	348.33	-259.87	-7.53	95.99	-299.66
		1049	13.91	98.47	-6.92	37.30	54.25	52.01	343.65	-389.78	-156.71	110.57	-341.50
825	37	1046	9.54	62.60	-2.53	17.83	42.24	30.19	225.05	-317.22	-146.29	54.11	-251.94
		1047	8.90	71.18	0.22	11.41	60.00	25.86	235.49	-270.45	-74.70	39.73	-246.41
		1050	9.60	84.37	-3.26	11.61	69.50	32.89	306.69	-208.80	1.59	96.30	-253.36
		1049	11.52	82.65	-3.63	29.86	49.16	42.05	305.68	-313.77	-115.10	107.01	-289.13
826	7	1047	14.63	117.10	-2.65	19.65	94.80	46.61	354.26	-444.09	-132.11	42.29	-389.54
		1048	12.39	125.03	-0.48	9.14	115.42	33.38	325.48	-349.17	-68.34	44.66	-332.56
		1051	11.47	142.80	-0.87	10.82	131.10	39.29	383.98	-200.51	19.20	164.27	-283.10
		1050	15.59	139.30	-4.82	23.34	111.14	57.15	458.30	-346.13	-11.52	123.69	-396.49
826	31	1047	10.66	85.18	-1.67	14.04	69.47	33.43	262.82	-323.27	-94.39	33.95	-285.93
		1048	9.01	90.44	-0.26	6.48	83.70	23.80	241.04	-254.63	-49.54	35.95	-244.12
		1051	8.29	103.08	-0.53	7.70	94.86	28.01	284.78	-144.51	14.72	125.55	-207.37
		1050	11.34	101.28	-3.19	16.72	81.38	41.03	339.45	-250.12	-5.96	95.29	-290.41
826	37	1047	8.84	70.22	-0.62	10.73	58.88	25.98	233.09	-266.99	-72.20	38.30	-243.86
		1048	7.40	72.87	0.03	4.81	68.09	18.04	212.45	-211.84	-40.24	40.85	-208.23
		1051	6.68	82.35	-0.10	5.78	76.47	21.22	252.45	-114.81	14.58	123.05	-175.44
		1050	9.33	83.34	-1.65	12.92	68.76	32.04	299.32	-200.66	2.93	95.73	-245.65
827	7	1048	13.60	124.74	-0.49	9.27	114.98	33.57	383.24	-406.71	-90.97	67.50	-386.95
		996	7.68	129.35	-0.26	2.36	126.73	18.23	139.40	-147.68	-35.39	27.11	-140.10
		979	10.21	146.43	-0.23	2.80	143.40	20.88	223.14	-62.31	-30.37	191.20	-89.98
		1051	12.51	142.87	-1.33	10.68	130.86	39.84	436.25	-255.53	-11.04	191.76	-330.69
827	31	1048	9.90	90.21	-0.28	6.58	83.36	23.95	283.56	-296.99	-66.18	52.76	-284.12
		996	5.51	92.89	-0.18	1.69	91.02	13.06	104.29	-106.97	-25.96	23.28	-102.72
		979	7.45	104.78	-0.16	2.00	102.61	14.91	168.21	-44.73	-22.21	145.69	-65.48
		1051	9.07	103.13	-0.86	7.59	94.68	28.42	323.40	-185.14	-7.49	145.76	-242.45
827	37	1048	8.19	72.63	0.01	4.89	67.75	18.18	249.13	-248.34	-54.53	55.31	-242.60
		996	4.39	72.61	-0.11	1.32	71.18	10.09	95.46	-86.82	-22.09	30.73	-87.23
		979	6.19	80.64	-0.11	1.52	79.01	11.36	157.94	-35.21	-18.70	141.43	-54.00
		1051	7.39	82.38	-0.40	5.68	76.30	21.59	286.20	-150.23	-4.41	140.38	-205.85
828	7	658	18.85	239.29	-24.10	165.90	49.29	118.08	97.07	-392.86	-348.98	53.19	-139.90
		1049	20.64	105.16	-22.70	41.02	41.44	63.93	536.17	-637.33	-282.07	180.91	-539.16
		1052	29.36	216.26	-46.07	48.71	121.48	126.02	839.03	-651.21	-174.01	361.83	-695.29
		992	17.63	117.70	-101.75	21.93	-5.98	108.83	251.10	-586.19	-561.80	226.71	-140.80
828	31	658	13.66	174.10	-16.63	120.37	37.11	85.80	75.64	-280.21	-247.24	42.67	-103.18
		1049	15.05	77.09	-15.77	29.59	31.73	46.42	397.35	-461.60	-200.88	136.62	-394.93
		1052	21.37	157.94	-32.71	35.12	90.11	91.28	619.45	-469.94	-121.78	271.30	-508.00
		992	12.81	87.05	-73.35	16.06	-2.36	79.67	189.95	-420.11	-402.22	172.06	-102.94
828	37	658	11.07	143.56	-10.81	98.12	34.62	70.35	78.79	-212.89	-182.16	48.05	-89.56
		1049	12.51	65.57	-10.72	23.57	31.28	37.95	351.05	-373.68	-151.45	128.82	-334.17
		1052	17.65	132.23	-24.45	27.92	79.86	73.91	539.81	-374.83	-84.73	249.71	-425.65
		992	10.52	76.43	-58.35	13.56	4.52	67.24	180.14	-325.60	-310.36	164.89	-86.47
829	7	1049	19.95	145.65	-22.26	48.62	74.77	82.93	459.11	-543.54	-233.59	149.16	-463.36
		1050	15.80	138.42	-4.65	20.91	112.86	54.81	469.02	-365.49	-17.78	121.32	-411.42
		1053	16.70	168.81	-7.61	26.90	134.29	69.98	618.49	-152.76	226.62	239.11	-385.58
		1052	23.45	175.01	-25.83	41.17	108.01	94.69	701.76	-509.43	-75.50	267.84	-580.75
829	31	1049	14.53	106.31	-15.55	35.07	55.69	60.05	340.84	-393.11	-165.66	113.39	-339.42
		1050	11.49	100.71	-3.07	14.95	82.68	39.31	347.28	-264.27	-10.56	93.57	-301.31
		1053	12.12	122.70	-5.10	19.37	98.24	50.28	457.12	-106.29	168.56	182.27	-281.62
		1052	17.08	128.09	-18.10	29.77	80.23	68.60	519.16	-366.47	-49.95	202.64	-424.42
829	37	1049	12.02	88.84	-10.81	27.92	50.11	48.57	303.03	-316.42	-122.63	109.23	-287.21
		1050	9.45	83.06	-1.59	11.48	69.99	30.59	305.89	-212.54	-1.00	94.34	-254.79
		1053	9.88	100.83	-2.84	15.30	82.69	39.39	400.07	-72.00	150.87	177.20	-235.67
		1052	14.13	108.15	-12.76	23.93	71.45	55.59	455.79	-288.54	-24.99	192.23	-355.96
830	7	1050	15.66	139.85	-3.37	25.21	111.27	57.24	457.17	-352.62	-17.45	122.01	-398.85
		1051	11.58	143.16	-1.88	10.02	131.27	39.80	385.19	-201.98	21.29	161.92	-285.04
		1054	11.60	163.57	-0.70	12.01	150.86	43.88	443.24	48.30	146.19	345.35	-170.52
		1053	16.15	166.43	-12.83	20.45	133.14	69.70	596.90	-132.58	217.88	246.44	-364.46

830	31	1050	11.39	101.67	-2.12	18.08	81.48	41.09	338.62	-254.87	-10.31	94.06	-292.12
		1051	8.38	103.36	-1.26	7.11	95.00	28.38	285.65	-145.59	16.25	123.82	-208.80
		1054	8.54	117.92	-0.36	8.59	108.97	31.28	330.30	38.57	107.94	260.92	-124.20
		1053	11.72	121.01	-8.93	14.67	97.40	50.10	441.36	-91.56	162.18	187.63	-266.16
830	37	1050	9.36	83.62	-0.71	14.05	68.85	32.05	298.61	-204.66	-0.76	94.71	-247.07
		1051	6.76	82.63	-0.70	5.29	76.65	21.51	253.15	-115.75	15.85	121.55	-176.72
		1054	7.37	93.69	0.15	6.59	87.25	23.68	298.21	42.31	94.10	246.41	-102.82
		1053	9.54	99.53	-6.12	11.41	82.00	39.31	386.92	-59.70	145.53	181.69	-222.58
831	7	1051	12.46	143.34	-0.76	11.08	131.50	39.57	434.29	-253.84	-9.92	190.37	-329.16
		979	10.24	146.57	-0.20	2.85	143.53	20.93	227.02	-64.21	-29.57	192.38	-94.27
		995	14.79	167.72	-0.30	3.20	164.22	24.00	426.38	-24.28	-23.67	425.77	-16.49
		1054	12.24	163.14	-2.68	11.30	149.17	46.06	488.27	-7.51	105.22	375.54	-207.80
831	31	1051	9.03	103.48	-0.44	7.89	95.15	28.22	321.89	-183.83	-6.67	144.73	-241.26
		979	7.46	104.88	-0.14	2.03	102.71	14.94	171.09	-46.19	-21.64	146.54	-68.78
		995	10.81	119.68	-0.22	2.27	117.19	17.09	320.94	-17.58	-17.21	320.58	-11.12
		1054	9.02	117.61	-1.81	8.06	107.74	32.88	363.64	-2.64	77.88	283.12	-151.69
831	37	1051	7.34	82.70	-0.03	5.93	76.74	21.39	284.67	-148.91	-3.73	139.49	-204.62
		979	6.21	80.74	-0.08	1.55	79.10	11.37	160.49	-36.62	-18.23	142.09	-57.34
		995	9.06	91.02	-0.18	1.69	89.16	12.89	299.39	-14.28	-14.16	299.27	-6.32
		1054	7.79	93.43	-1.07	6.12	86.24	25.06	327.42	6.53	68.49	265.46	-126.67
832	7	992	19.02	92.77	-198.89	-113.42	7.30	132.75	324.35	-661.96	-624.47	286.86	-188.61
		1052	23.83	166.73	36.27	71.29	131.72	57.81	839.16	-653.52	-167.43	353.08	-699.49
		1055	44.53	358.11	-104.44	92.58	161.10	228.72	1296.84	-641.97	127.52	527.35	-948.57
		667	35.85	425.42	-89.55	425.01	-89.15	14.42	542.34	-604.12	-429.31	367.52	-412.14
832	31	992	13.92	69.68	-144.71	-82.71	7.68	97.21	243.89	-475.05	-447.55	216.39	-137.89
		1052	17.33	122.01	27.18	51.69	97.50	41.52	619.39	-471.56	-117.21	265.04	-510.90
		1055	32.48	261.69	-75.18	67.63	118.88	166.47	955.79	-461.81	98.45	395.53	-693.06
		667	26.03	310.02	-61.95	309.73	-61.66	10.45	405.92	-432.24	-305.50	279.18	-300.27
832	37	992	11.75	64.59	-119.37	-68.79	14.01	82.14	226.67	-370.23	-346.84	203.27	-115.82
		1052	14.25	103.05	24.76	42.05	85.75	32.48	539.24	-376.02	-81.67	244.89	-427.51
		1055	27.03	219.41	-59.39	56.63	103.39	137.43	827.65	-363.66	99.52	364.47	-580.73
		667	21.27	257.17	-40.68	256.93	-40.44	8.47	371.40	-332.63	-229.58	268.35	-248.86
833	7	1052	23.07	170.92	1.24	79.02	93.13	84.55	690.89	-533.99	-112.31	269.21	-581.98
		1053	18.29	174.71	-30.07	10.78	133.86	81.84	628.09	-172.12	229.65	226.33	-400.10
		1056	15.71	205.90	-3.12	11.25	191.53	52.88	819.67	277.44	664.82	432.28	-244.92
		1055	35.63	267.25	-112.66	12.26	142.33	178.48	1143.07	-375.32	373.11	394.64	-759.12
833	31	1052	16.79	124.86	1.89	57.42	69.32	61.19	511.36	-384.47	-76.99	203.88	-425.33
		1053	13.28	127.05	-21.49	7.59	97.97	58.94	464.10	-120.50	170.76	172.84	-292.30
		1056	11.36	149.92	-1.87	8.17	139.89	37.72	603.62	212.98	489.81	326.79	-177.50
		1055	25.98	195.62	-81.27	8.74	105.60	129.70	842.85	-266.12	278.63	298.10	-554.40
833	37	1052	13.87	104.63	4.67	47.09	62.21	49.40	449.71	-303.79	-48.12	194.04	-356.76
		1053	10.86	104.58	-16.52	5.42	82.64	46.64	405.79	-84.12	152.70	168.96	-244.82
		1056	9.28	124.00	-0.31	6.67	117.02	28.62	521.36	211.37	423.54	309.20	-144.07
		1055	21.59	165.13	-64.80	6.65	93.68	106.41	731.07	-196.84	252.92	281.31	-463.74
834	7	1053	15.98	169.84	-5.14	25.07	139.63	66.14	591.17	-141.52	216.52	233.13	-366.25
		1054	11.42	161.43	-3.08	11.18	147.18	46.28	446.89	57.71	156.36	348.24	-169.29
		1057	16.60	184.45	-4.38	8.08	171.99	46.88	612.18	259.27	259.31	612.14	3.88
		1056	15.41	188.93	-22.30	9.57	157.06	75.60	773.96	295.27	601.47	467.76	-229.82
834	31	1053	11.59	123.52	-3.33	18.04	102.15	47.48	437.15	-98.06	161.18	177.91	-267.48
		1054	8.41	116.36	-2.08	7.99	106.29	33.03	332.92	45.47	115.38	263.02	-123.32
		1057	12.22	132.86	-3.03	5.78	124.05	33.47	460.08	191.07	191.14	460.00	4.57
		1056	11.15	137.39	-15.75	6.91	114.74	54.37	570.61	225.52	443.35	352.78	-166.50
834	37	1053	9.43	101.71	-1.48	14.23	86.00	37.07	383.32	-65.07	144.70	173.55	-223.73
		1054	7.26	92.37	-1.21	6.11	85.05	25.13	300.27	48.17	100.35	248.09	-102.14
		1057	10.54	105.19	-2.01	4.45	98.73	25.50	426.95	165.24	165.58	426.62	9.41
		1056	9.01	113.06	-11.47	5.51	96.08	42.74	495.11	220.12	384.05	331.18	-134.93
835	7	1054	12.29	164.58	-3.38	10.50	150.71	46.23	484.08	2.49	110.82	375.74	-201.09
		995	14.90	167.74	0.22	3.63	164.32	23.66	435.78	-22.77	-22.02	435.03	-18.52
		980	20.15	190.35	0.08	4.21	186.22	27.74	697.00	-27.57	-21.73	691.17	64.77
		1057	16.76	183.42	-2.81	10.56	170.05	48.08	634.84	214.12	216.72	632.24	-33.00
835	31	1054	9.05	118.67	-2.32	7.48	108.87	33.00	360.53	4.70	81.98	283.25	-146.72
		995	10.89	119.69	0.17	2.59	117.27	16.84	327.79	-16.48	-16.01	327.32	-12.77
		980	14.77	135.58	0.05	2.99	132.64	19.74	523.70	-20.13	-15.65	519.22	49.16
		1057	12.34	132.13	-1.89	7.58	122.65	34.35	476.43	158.30	159.91	474.83	-22.55
835	37	1054	7.82	94.34	-1.49	5.63	87.21	25.14	324.69	12.78	71.94	265.53	-122.28
		995	9.13	91.02	0.16	1.96	89.22	12.67	305.06	-13.37	-13.15	304.85	-8.27
		980	12.51	102.31	0.02	2.22	100.10	14.85	485.48	-16.82	-12.36	481.01	47.15
		1057	10.66	104.62	-1.07	5.93	97.63	26.27	440.15	138.40	139.04	439.51	-13.86
836	7	667	69.32	1151.40	46.74	885.47	312.67	472.27	765.27	-567.43	-495.17	693.00	-301.80
		1055	42.66	-40.97	-382.73	-306.53	-117.18	142.26	1224.61	-905.28	124.45	194.88	-1064.36
		1058	76.06	1155.05	21.94	450.71	726.29	549.55	2284.28	232.01	1289.08	1227.21	-1025.67
		993	47.08	-300.58	-909.60	-723.09	-487.09	280.72	108.61	-1491.46	-1166.14	-216.72	-643.98
836	31	667	50.51	840.08	36.31	645.53	230.86	344.27	572.56	-407.20	-354.44	519.79	-221.16
		1055	31.15	-29.08	-278.85	-224.13	-83.79	103.30	901.82	-655.32	96.04	150.45	-778.09
		1058	55.46	845.10	17.62	330.12	532.61	401.16	1678.70	184.09	951.54	911.26	-747.03
		993	34.21	-218.98	-661.85	-526.62	-354.21	203.97	85.11	-1083.72	-844.53	-154.09	-471.55
836	37	667	41.87	700.14	37.34	536.28	201.21	285.93	523.13	-317.34	-273.24	479.02	-187.41

		1055	26.05	-21.50	-231.17	-188.37	-64.30	84.51	778.48	-529.38	96.98	152.12	-653.35
		1058	46.13	711.91	19.90	279.23	452.58	334.98	1438.06	201.29	828.60	810.75	-618.32
		993	28.05	-181.42	-545.73	-435.75	-291.41	167.25	89.94	-888.71	-683.42	-115.35	-398.46
837	7	1055	34.97	367.26	-9.11	170.48	187.67	187.99	978.86	-432.94	272.58	273.34	-705.90
		1056	19.85	199.17	-66.73	-46.11	178.55	71.12	923.08	289.48	742.56	470.00	-285.99
		1059	17.49	55.97	36.64	37.22	55.38	-3.31	1171.92	779.44	1130.67	820.69	120.37
		1058	61.86	567.58	-434.72	-418.25	551.12	127.40	2202.31	398.04	1594.82	1005.52	-852.66
837	31	1055	25.46	268.25	-5.17	124.51	138.57	136.53	722.88	-308.05	205.56	209.27	-515.46
		1056	14.40	145.09	-48.36	-33.77	130.51	51.08	679.01	221.72	546.43	354.30	-207.49
		1059	12.91	40.77	26.67	27.46	39.98	-3.25	865.05	581.81	831.70	615.17	91.30
		1058	45.16	416.23	-317.20	-305.39	404.43	92.30	1616.93	304.09	1173.28	747.74	-620.98
837	37	1055	21.05	224.55	0.45	104.18	120.82	111.74	630.57	-231.45	192.92	206.20	-430.96
		1056	11.75	120.23	-39.29	-28.57	109.51	39.93	583.96	218.55	470.40	332.10	-169.11
		1059	11.26	34.62	21.16	23.86	31.92	-5.39	755.16	525.44	714.93	565.68	87.32
		1058	37.74	353.74	-264.43	-255.23	344.55	74.81	1380.19	297.62	1009.07	668.74	-513.84
838	8	1056	16.10	196.64	-34.78	0.54	161.32	83.23	756.92	309.87	625.04	441.75	-203.88
		1057	17.31	181.68	-2.04	6.28	173.35	38.21	668.79	271.36	271.62	668.52	10.31
		1060	19.95	163.66	18.05	34.10	147.60	45.61	918.29	234.08	252.62	899.75	111.10
		1059	22.34	215.17	-24.17	-22.73	213.73	18.47	1006.85	990.30	997.26	999.90	8.17
838	32	1056	11.67	143.17	-24.94	0.32	117.91	60.08	557.27	235.97	460.40	332.85	-147.45
		1057	12.74	131.20	-1.34	4.52	125.34	27.24	500.52	199.70	200.00	500.23	9.36
		1060	14.73	117.78	13.30	24.88	106.20	32.79	687.98	172.38	186.58	673.77	84.40
		1059	16.50	156.98	-17.35	-16.40	156.02	12.86	749.98	728.14	733.21	744.91	9.22
838	37	1056	9.53	119.30	-19.80	0.18	99.33	48.79	477.88	224.79	396.08	306.59	-118.38
		1057	11.00	106.74	-0.75	3.67	102.32	21.35	452.25	171.31	172.00	451.56	13.90
		1060	12.82	94.85	11.45	20.85	85.45	26.38	622.85	147.66	161.60	608.91	80.18
		1059	14.36	131.49	-13.85	-13.25	130.88	9.33	670.93	620.12	627.16	663.88	17.55
839	7	1057	17.04	183.81	-5.08	8.45	170.28	48.71	645.50	221.27	222.14	644.63	-19.19
		980	20.43	189.54	0.10	3.73	185.91	25.96	719.49	-24.00	-18.13	713.63	65.76
		994	23.67	220.75	1.07	7.45	214.38	36.88	823.81	-43.83	-32.46	812.45	98.65
		1060	21.30	194.73	7.84	21.78	180.79	49.10	891.12	225.53	234.26	882.40	75.71
839	31	1057	12.55	132.40	-3.54	6.05	122.81	34.81	484.34	163.35	163.83	483.86	-12.40
		980	14.97	135.00	0.07	2.64	132.43	18.44	540.09	-17.45	-12.98	535.61	49.77
		994	17.41	157.28	0.75	5.32	152.71	26.34	623.07	-32.05	-23.31	614.34	75.13
		1060	15.73	140.19	5.86	15.83	130.22	35.22	669.90	166.47	173.44	662.92	58.85
839	37	1057	10.83	104.82	-2.43	4.65	97.73	26.64	447.11	142.12	142.21	447.03	-5.17
		980	12.68	101.85	0.06	1.95	99.96	13.76	499.07	-14.38	-9.99	494.68	47.26
		994	14.97	118.82	0.54	4.07	115.29	20.11	590.45	-26.94	-18.22	581.74	72.84
		1060	13.73	110.72	5.34	13.02	103.04	27.39	622.16	144.86	152.72	614.31	60.73
840	8	993	128.30	243.39	-694.91	-694.89	243.37	4.18	-205.49	-6044.87	-5802.34	-448.01	1165.06
		1058	82.15	288.21	-148.48	272.02	-132.28	82.53	5186.69	-140.96	3119.70	1926.03	-2596.10
		926	53.74	411.71	115.06	134.08	392.69	72.66	3036.34	1488.75	2504.45	2020.63	735.01
		28	202.58	598.62	-554.90	528.57	-484.86	-275.48	1.166e+04	843.56	7720.21	4783.28	-5205.01
840	32	993	93.95	181.95	-507.12	-507.10	181.94	3.36	-135.82	-4417.69	-4238.78	-314.72	856.76
		1058	59.95	211.05	-108.15	199.69	-96.79	59.14	3797.18	-91.98	2287.72	1417.48	-1895.28
		926	39.66	303.01	85.44	99.65	288.80	53.76	2236.18	1108.49	1840.50	1504.18	538.18
		28	148.47	440.12	-406.04	388.09	-354.00	-203.29	8538.15	621.78	5661.28	3498.65	-3807.62
840	37	993	79.49	163.81	-424.68	-424.66	163.79	3.45	-74.90	-3713.10	-3558.29	-229.71	734.35
		1058	50.10	178.66	-90.34	170.21	-81.89	46.91	3204.94	-46.27	1941.39	1217.29	-1584.77
		926	34.37	260.41	74.96	87.71	247.66	46.94	1926.01	987.38	1573.01	1340.37	454.67
		28	125.80	376.55	-343.23	330.64	-297.32	-175.89	7214.79	536.91	4805.44	2946.26	-3206.93
841	8	1058	48.17	107.62	-694.51	-517.06	-69.83	-332.94	1959.89	-39.60	1643.44	276.85	-729.79
		1059	36.81	436.11	51.76	71.72	416.15	85.29	1419.87	1174.42	1271.28	1323.01	119.97
		925	23.05	72.38	-114.56	46.54	-88.72	-64.52	1401.09	787.04	787.29	1400.84	12.34
		926	71.54	542.10	220.84	484.19	278.75	-123.50	3523.52	3154.86	3508.95	3169.43	-71.83
841	32	1058	35.31	80.25	-508.34	-377.96	-50.14	-244.42	1439.14	-16.04	1208.94	214.16	-531.03
		1059	27.10	318.51	38.51	52.82	304.19	61.66	1053.12	862.39	934.09	981.42	92.38
		925	17.16	53.24	-84.73	34.43	-65.91	-47.35	1043.18	578.80	579.05	1042.93	10.68
		926	52.56	398.32	162.19	355.55	204.97	-90.94	2586.41	2325.05	2576.48	2334.98	-49.97
841	37	1058	29.95	71.49	-429.48	-318.14	-39.86	-208.28	1225.64	22.53	1035.81	212.36	-438.58
		1059	23.34	267.52	34.07	45.47	256.12	50.31	927.75	733.40	797.59	863.55	91.40
		925	15.26	45.50	-73.66	29.85	-58.00	-40.26	927.91	495.11	495.54	927.48	13.54
		926	44.90	340.18	138.38	303.07	175.49	-78.18	2202.36	2006.49	2195.96	2012.88	-34.82
842	8	1059	18.84	129.82	-13.19	-10.65	127.27	-18.91	1018.46	973.97	998.68	993.75	22.11
		1060	22.79	205.37	19.83	36.23	188.97	52.66	976.89	241.98	256.01	962.87	100.54
		924	18.21	162.75	23.79	49.17	137.37	53.69	823.84	119.79	120.21	823.42	17.26
		925	26.69	151.57	95.24	119.85	126.97	27.94	1539.38	1091.04	1091.54	1538.88	-15.02
842	32	1059	13.93	94.72	-9.59	-7.53	92.67	-14.49	757.87	717.03	734.24	740.67	20.17
		1060	16.82	148.36	14.61	26.43	136.54	37.97	730.97	178.00	189.13	719.84	77.68
		924	13.52	117.28	17.21	35.84	98.65	38.96	622.87	90.18	90.58	622.47	14.70
		925	19.71	110.57	69.79	88.06	92.30	20.28	1143.49	802.37	802.62	1143.24	-9.25
842	37	1059	12.15	79.40	-7.93	-5.71	77.18	-13.74	677.78	611.28	627.95	661.11	28.82
		1060	14.61	120.82	12.58	22.18	111.22	30.77	659.54	151.87	163.87	647.54	77.12
		924	11.92	94.83	13.96	29.89	78.90	32.16	576.85	81.76	82.40	576.21	17.79
		925	17.11	92.60	59.03	75.12	76.52	16.77	1010.09	686.49	686.52	1010.06	-2.99
843	8	1060	21.56	188.48	16.32	32.34	172.46	50.01	949.21	239.40	248.69	939.93	80.66
		994	23.59	206.03	-3.81	0.70	201.53	30.42	870.36	-19.13	-6.54	857.77	105.08

		904	25.23	319.11	2.77	25.90	295.98	82.36	595.36	-102.27	-98.49	591.57	51.23
		924	17.09	163.70	22.66	60.43	125.93	62.45	794.01	91.67	92.75	792.93	-27.59
843	32	1060	15.91	135.86	12.04	23.54	124.37	35.93	710.47	176.20	183.86	702.81	63.51
		994	17.39	147.23	-2.76	0.47	144.00	21.78	656.90	-14.00	-4.19	647.10	80.52
		904	18.64	229.20	1.88	18.59	212.49	59.32	461.89	-74.42	-71.22	458.68	41.34
		924	12.70	118.43	16.24	44.03	90.64	45.47	599.92	69.96	70.60	599.28	-18.35
843	37	1060	13.82	109.95	10.38	19.61	100.72	28.87	641.59	150.56	159.67	632.49	66.23
		994	15.04	116.13	-2.25	0.33	113.56	17.28	606.21	-11.84	-1.94	596.30	77.60
		904	16.23	183.61	1.24	14.85	170.00	47.92	455.42	-61.94	-58.08	451.56	44.53
		924	11.24	96.83	12.82	36.69	72.97	37.89	554.50	65.55	65.78	554.26	-10.72
844	8	1137	12.28	24.73	-10.86	-4.10	17.97	13.95	216.20	-609.74	214.86	-608.40	-33.14
		1155	9.69	22.91	-7.49	-2.11	17.54	11.60	130.54	-492.68	122.57	-484.71	-70.05
		1101	14.21	25.97	-8.55	-6.15	23.58	8.77	69.70	-824.55	66.11	-820.97	56.51
		1152	15.18	24.22	-13.13	-8.41	19.50	12.42	127.40	-864.19	124.91	-861.69	49.67
844	32	1137	9.18	18.63	-8.16	-3.08	13.54	10.50	162.91	-454.26	162.04	-453.38	-23.24
		1155	7.24	17.25	-5.63	-1.58	13.21	8.73	98.19	-367.08	92.45	-361.35	-51.34
		1101	10.61	19.56	-6.43	-4.63	17.76	6.61	52.40	-615.23	49.61	-612.44	43.10
		1152	11.34	18.25	-9.88	-6.32	14.69	9.35	96.21	-644.56	94.22	-642.56	38.39
844	37	1137	8.22	17.02	-7.43	-2.80	12.39	9.58	148.49	-404.12	147.91	-403.54	-17.82
		1155	6.47	15.75	-5.11	-1.43	12.07	7.96	89.17	-326.55	84.47	-321.85	-43.97
		1101	9.49	17.87	-5.85	-4.21	16.22	6.03	47.56	-549.11	44.82	-546.36	40.36
		1152	10.15	16.69	-9.00	-5.75	13.44	8.54	88.10	-574.86	86.03	-572.80	36.94
845	8	1084	20.04	-1.34	-26.16	-9.95	-17.56	11.81	23.46	-1275.02	20.15	-1271.71	65.45
		1129	19.44	10.82	-17.57	-8.20	1.45	13.35	91.03	-1226.54	91.00	-1226.50	6.76
		1128	21.69	7.43	-16.30	-8.41	-0.46	11.18	13.70	-1428.24	12.43	-1426.97	42.77
		1067	22.43	-3.94	-27.05	-10.60	-20.38	10.47	-60.22	-1466.20	-64.43	-1461.99	76.86
845	32	1084	14.98	-0.95	-19.68	-7.44	-13.20	8.91	21.83	-950.06	19.18	-947.42	50.60
		1129	14.52	8.18	-13.21	-6.14	1.11	10.06	70.26	-914.57	70.21	-914.53	6.58
		1128	16.19	5.65	-12.27	-6.29	-0.33	8.45	12.31	-1065.21	11.29	-1064.19	33.12
		1067	16.75	-2.89	-20.36	-7.92	-15.33	7.91	-40.88	-1092.78	-44.17	-1089.49	58.75
845	37	1084	13.41	-0.76	-17.93	-6.67	-12.02	8.16	27.30	-845.95	24.57	-843.22	48.75
		1129	12.98	7.52	-12.00	-5.52	1.05	9.19	67.01	-815.42	66.91	-815.33	9.01
		1128	14.47	5.26	-11.18	-5.65	-0.27	7.77	14.76	-950.22	13.69	-949.15	32.14
		1067	14.99	-2.49	-18.56	-7.10	-13.96	7.26	-29.25	-973.53	-32.51	-970.27	55.38
846	8	1091	35.83	28.84	-43.38	28.61	-43.15	4.07	2568.17	1899.64	1930.83	2536.98	-141.00
		1135	26.98	61.56	-37.52	-28.89	52.93	27.94	1921.77	1120.02	1142.71	1899.08	-132.95
		983	23.38	72.75	-63.04	-1.22	10.94	-67.62	1443.90	353.59	626.18	1171.32	472.12
		46	61.51	141.37	-111.00	-45.90	76.27	110.41	4287.56	1961.58	3329.88	2919.27	-1144.72
846	32	1091	26.67	21.39	-32.77	21.23	-32.61	2.90	1911.62	1405.72	1430.08	1887.26	-108.31
		1135	20.07	45.61	-27.98	-21.51	39.14	20.84	1431.24	829.49	847.95	1412.79	-103.75
		983	17.37	53.76	-47.35	-1.03	7.43	-50.38	1073.05	265.84	464.21	874.68	347.52
		46	45.70	104.49	-82.76	-34.56	56.29	81.87	3185.81	1457.32	2468.95	2174.19	-851.59
846	37	1091	23.64	18.86	-29.98	18.75	-29.87	2.30	1696.11	1229.46	1252.79	1672.78	-101.70
		1135	17.78	40.06	-24.85	-19.05	34.25	18.53	1271.50	726.37	745.61	1252.27	-100.58
		983	15.35	47.12	-42.88	-1.03	5.27	-44.89	949.17	240.42	407.05	782.54	300.56
		46	40.34	91.42	-73.60	-31.32	49.14	72.05	2812.63	1286.79	2166.83	1932.59	-753.88
847	8	1115	16.33	25.73	-2.33	-0.24	23.63	-7.37	1035.67	38.15	48.83	1024.98	102.69
		1070	16.04	23.66	-0.09	-0.06	23.63	-0.84	986.91	-6.84	-6.70	986.78	11.53
		1092	18.84	12.58	-0.35	-0.11	12.34	-1.76	1210.11	-8.82	-8.77	1210.07	7.31
		1134	19.98	25.54	-1.45	5.45e-03	24.09	-6.09	1270.97	36.70	38.01	1269.65	40.30
847	32	1115	12.16	19.92	-1.57	-0.15	18.50	-5.34	767.91	28.94	36.01	760.84	71.92
		1070	11.98	19.07	-0.07	-0.05	19.05	-0.62	732.32	-4.97	-4.91	732.26	6.83
		1092	14.10	11.01	-0.23	-0.08	10.86	-1.28	900.17	-6.43	-6.41	900.16	3.79
		1134	14.91	19.84	-0.94	0.02	18.88	-4.36	945.18	27.51	28.21	944.48	25.33
847	37	1115	10.80	19.23	-1.14	-0.09	18.19	-4.50	675.80	26.33	31.13	671.00	55.66
		1070	10.70	19.76	-0.06	-0.04	19.75	-0.53	645.35	-4.19	-4.18	645.34	2.87
		1092	12.65	12.94	-0.15	-0.06	12.85	-1.10	797.87	-5.46	-5.46	797.87	0.34
		1134	13.30	19.26	-0.62	0.05	18.59	-3.57	837.37	24.47	24.71	837.13	13.98
848	8	1135	26.29	101.55	11.64	52.01	61.17	44.72	1776.79	851.34	856.54	1771.58	69.21
		1132	21.64	-4.34	-12.27	-4.92	-11.69	2.07	1529.16	282.72	283.06	1528.81	-20.79
		982	23.91	92.39	15.66	15.78	92.28	3.00	1408.88	226.89	228.12	1407.65	-38.19
		983	27.57	18.03	-71.51	-32.74	-20.75	44.37	1988.13	988.93	1010.96	1966.10	-146.75
848	32	1135	19.52	75.54	8.55	38.82	45.27	33.34	1320.90	632.41	635.53	1317.79	46.22
		1132	16.08	-3.14	-9.03	-3.71	-8.46	1.74	1137.07	209.97	210.41	1136.63	-20.16
		982	17.84	69.16	11.54	11.63	69.07	2.28	1050.42	169.21	170.23	1049.40	-30.02
		983	20.56	13.13	-53.88	-24.74	-16.01	33.22	1480.38	733.51	750.39	1463.49	-111.03
848	37	1135	17.23	66.86	7.49	34.67	39.68	29.58	1169.53	556.94	558.54	1167.93	31.27
		1132	14.22	-2.58	-7.80	-3.38	-7.00	1.88	1006.95	184.68	185.53	1006.11	-26.41
		982	15.93	62.14	10.05	10.13	62.06	2.06	935.95	150.29	151.41	934.83	-29.60
		983	18.32	11.13	-49.00	-22.58	-15.29	29.84	1315.01	644.24	660.09	1299.16	-101.91
849	8	1129	19.39	10.91	-17.86	-8.56	1.61	13.46	87.40	-1225.07	87.11	-1224.78	19.42
		1150	19.08	22.47	-11.80	-5.95	16.62	12.90	81.62	-1159.83	81.58	-1159.80	-6.23
		1149	22.01	21.07	-9.41	-5.68	17.33	9.99	31.62	-1385.72	30.32	-1384.42	42.86
		1128	21.65	7.46	-16.52	-8.72	-0.33	11.24	11.40	-1426.70	9.15	-1424.45	56.79
849	32	1129	14.48	8.25	-13.43	-6.41	1.23	10.14	67.57	-913.50	67.31	-913.23	16.00
		1150	14.25	16.94	-8.88	-4.46	12.53	9.72	61.91	-865.35	61.90	-865.34	-3.52
		1149	16.44	15.90	-7.08	-4.25	13.07	7.55	24.38	-1034.10	23.36	-1033.07	32.91

		1128	16.16	5.68	-12.44	-6.53	-0.23	8.49	10.60	-1064.07	8.83	-1062.30	43.56
849	37	1129	12.95	7.60	-12.22	-5.78	1.16	9.28	64.64	-814.50	64.30	-814.15	17.38
		1150	12.75	15.51	-8.07	-4.03	11.47	8.88	57.19	-772.42	57.19	-772.42	-0.80
		1149	14.71	14.59	-6.45	-3.83	11.98	6.94	23.24	-923.51	22.20	-922.47	31.40
		1128	14.45	5.29	-11.34	-5.88	-0.18	7.81	13.27	-949.23	11.48	-947.44	41.41
850	8	1150	19.02	22.34	-12.05	-3.48	13.77	14.87	77.48	-1159.18	66.02	-1147.72	-118.49
		1102	18.85	30.38	-5.17	-1.07	26.28	11.36	39.22	-1137.57	30.94	-1129.28	-98.38
		1103	22.17	35.04	-3.08	-0.92	32.89	8.80	20.99	-1351.06	16.76	-1346.83	-76.07
		1149	21.98	21.09	-9.58	-3.71	15.22	12.06	29.89	-1384.57	24.39	-1379.06	-88.06
850	32	1150	14.21	16.84	-9.06	-2.60	10.38	11.21	58.83	-864.87	50.48	-856.52	-87.39
		1102	14.08	22.89	-3.89	-0.80	19.80	8.56	29.48	-849.11	23.44	-843.06	-72.62
		1103	16.56	26.41	-2.31	-0.69	24.78	6.64	15.74	-1008.64	12.66	-1005.56	-56.09
		1149	16.42	15.92	-7.21	-2.77	11.48	9.11	23.09	-1033.24	19.09	-1029.24	-64.88
850	37	1150	12.71	15.42	-8.25	-2.34	9.51	10.24	54.43	-771.98	47.40	-764.96	-75.86
		1102	12.61	20.92	-3.53	-0.71	18.10	7.81	26.76	-758.55	21.66	-753.44	-63.13
		1103	14.83	24.16	-2.10	-0.60	22.66	6.09	14.22	-901.47	11.64	-898.88	-48.54
		1149	14.69	14.61	-6.57	-2.48	10.52	8.36	22.09	-922.74	18.74	-919.39	-56.10
851	8	1147	24.70	19.50	-3.73	-3.56	19.33	1.97	-29.97	-1591.91	-31.85	-1590.03	54.20
		1106	25.84	44.50	-0.77	-0.77	44.50	-0.11	-4.48	-1575.74	-5.82	-1574.39	46.01
		1107	24.98	45.19	-0.68	-0.61	45.12	-1.77	-4.69	-1515.69	-6.34	-1514.04	49.90
		1141	23.78	19.78	-3.19	-3.18	19.76	-0.62	-29.37	-1528.95	-32.05	-1526.26	63.40
851	32	1147	18.45	14.76	-2.80	-2.66	14.62	1.56	-22.00	-1188.48	-23.41	-1187.08	40.47
		1106	19.32	33.61	-0.58	-0.58	33.61	-0.04	-3.48	-1176.94	-4.49	-1175.93	34.33
		1107	18.68	34.16	-0.50	-0.46	34.11	-1.28	-3.70	-1132.39	-4.91	-1131.18	36.93
		1141	17.77	14.97	-2.38	-2.37	14.96	-0.37	-21.68	-1141.72	-23.66	-1139.75	47.01
851	37	1147	16.52	13.63	-2.54	-2.38	13.47	1.57	-19.03	-1062.56	-20.32	-1061.27	36.63
		1106	17.33	30.87	-0.51	-0.51	30.87	0.04	-3.38	-1053.16	-4.30	-1052.24	31.06
		1107	16.76	31.44	-0.44	-0.40	31.41	-1.06	-3.68	-1013.94	-4.75	-1012.88	32.84
		1141	15.92	13.83	-2.13	-2.13	13.82	-0.15	-19.01	-1021.30	-20.76	-1019.55	41.87
852	8	1126	23.87	1.14	-11.38	-6.90	-3.33	6.00	-61.72	-1619.80	-62.00	-1619.52	20.89
		1151	24.79	20.78	-4.63	-3.58	19.73	5.07	-18.60	-1590.10	-18.68	-1590.02	11.31
		1147	24.72	19.62	-3.68	-3.43	19.37	2.42	-29.99	-1592.85	-30.40	-1592.44	25.30
		1125	23.78	-1.59	-8.65	-6.57	-3.66	3.21	-73.56	-1618.03	-74.35	-1617.23	35.02
852	32	1126	17.82	0.95	-8.60	-5.15	-2.49	4.59	-44.28	-1208.42	-44.50	-1208.20	16.04
		1151	18.51	15.72	-3.49	-2.67	14.90	3.87	-13.43	-1186.96	-13.50	-1186.89	8.76
		1147	18.47	14.85	-2.77	-2.56	14.64	1.90	-22.02	-1189.18	-22.32	-1188.87	18.90
		1125	17.76	-1.09	-6.56	-4.90	-2.74	2.51	-53.25	-1207.27	-53.85	-1206.67	26.24
852	37	1126	15.93	1.05	-7.89	-4.60	-2.24	4.31	-36.40	-1078.74	-36.64	-1078.51	15.56
		1151	16.57	14.48	-3.16	-2.38	13.69	3.64	-11.21	-1060.79	-11.28	-1060.72	8.81
		1147	16.53	13.71	-2.50	-2.28	13.48	1.89	-19.05	-1063.17	-19.33	-1062.89	17.33
		1125	15.88	-0.79	-6.06	-4.38	-2.47	2.46	-44.69	-1078.11	-45.25	-1077.55	24.07
853	8	1106	25.85	44.37	-0.84	-0.82	44.35	1.08	-5.30	-1576.53	-5.31	-1576.52	3.86
		1097	27.11	70.24	0.22	0.24	70.22	-1.21	5.18	-1571.18	5.07	-1571.07	13.38
		1074	26.28	71.29	0.20	0.22	71.27	-1.20	5.28	-1512.36	5.11	-1512.19	16.06
		1107	24.98	45.06	-0.74	-0.74	45.06	-0.56	-5.40	-1516.27	-5.42	-1516.25	5.30
853	32	1106	19.32	33.51	-0.63	-0.61	33.49	0.86	-4.06	-1177.57	-4.07	-1177.56	2.87
		1097	20.28	53.00	0.16	0.18	52.98	-0.92	3.90	-1173.77	3.82	-1173.68	9.96
		1074	19.67	53.84	0.15	0.17	53.83	-0.90	3.98	-1130.14	3.86	-1130.02	11.91
		1107	18.68	34.07	-0.56	-0.55	34.06	-0.36	-4.18	-1132.87	-4.19	-1132.86	3.54
853	37	1106	17.33	30.78	-0.57	-0.55	30.76	0.87	-3.83	-1053.79	-3.84	-1053.78	3.03
		1097	18.21	48.59	0.15	0.17	48.58	-0.84	3.55	-1050.73	3.47	-1050.66	9.04
		1074	17.68	49.47	0.14	0.15	49.46	-0.83	3.63	-1012.37	3.52	-1012.26	10.68
		1107	16.77	31.36	-0.49	-0.49	31.36	-0.22	-4.03	-1014.45	-4.04	-1014.44	2.91
854	8	1064	19.23	-6.93	-25.46	-7.79	-24.60	-3.91	-96.11	-1257.96	-97.74	-1256.32	43.55
		1122	18.37	1.24	-9.31	-5.32	-2.75	-5.11	-28.05	-1236.00	-31.57	-1232.48	65.11
		1121	15.02	3.99	-10.87	-4.52	-2.36	-7.35	21.94	-983.08	15.33	-976.46	81.27
		1088	15.67	-4.84	-24.76	-6.64	-22.96	-5.71	-45.44	-1002.36	-47.64	-1000.16	45.85
854	32	1064	14.38	-5.22	-19.22	-5.81	-18.63	-2.82	-68.65	-938.45	-69.81	-937.29	31.71
		1122	13.72	0.82	-6.84	-3.96	-2.06	-3.71	-19.89	-922.85	-22.41	-920.33	47.62
		1121	11.22	2.86	-8.00	-3.36	-1.78	-5.37	17.02	-734.33	12.31	-729.62	59.31
		1088	11.73	-3.68	-18.69	-4.94	-17.43	-4.16	-31.15	-748.00	-32.69	-746.46	33.17
854	37	1064	12.91	-4.73	-17.64	-5.17	-17.21	-2.33	-56.10	-838.17	-57.07	-837.21	27.43
		1122	12.28	0.55	-5.92	-3.51	-1.86	-3.13	-16.11	-825.61	-18.22	-823.50	41.28
		1121	10.05	2.35	-6.95	-2.98	-1.62	-4.60	16.09	-657.78	12.20	-653.88	51.07
		1088	10.55	-3.41	-17.15	-4.39	-16.17	-3.55	-23.27	-668.71	-24.51	-667.47	28.28
855	8	1109	20.16	43.77	-0.88	-0.61	43.50	-3.46	5.36	-1195.14	5.34	-1195.12	5.10
		1073	21.28	67.87	0.20	0.20	67.86	-0.63	4.37	-1190.81	4.30	-1190.73	-9.57
		1095	17.14	63.44	0.16	0.17	63.44	-0.54	3.18	-929.70	3.17	-929.69	-2.92
		1110	16.32	42.53	-0.98	-0.48	42.04	-4.60	14.66	-938.44	14.40	-938.19	15.59
855	32	1109	15.10	33.19	-0.65	-0.46	33.00	-2.52	3.72	-893.87	3.71	-893.86	2.52
		1073	15.96	51.43	0.15	0.15	51.43	-0.47	3.34	-890.90	3.27	-890.83	-7.61
		1095	12.87	48.20	0.12	0.12	48.19	-0.41	2.45	-696.46	2.44	-696.45	-2.73
		1110	12.24	32.32	-0.71	-0.36	31.97	-3.37	10.55	-702.70	10.42	-702.56	9.82
855	37	1109	13.60	30.74	-0.55	-0.40	30.59	-2.15	2.77	-802.40	2.77	-802.40	0.42
		1073	14.40	47.59	0.14	0.14	47.58	-0.44	3.11	-800.21	3.04	-800.14	-7.47
		1095	11.67	44.82	0.11	0.11	44.82	-0.37	2.33	-627.44	2.31	-627.42	-3.29
		1110	11.06	30.06	-0.60	-0.32	29.78	-2.91	8.69	-632.52	8.63	-632.47	5.95

856	8	1089	6.70	1.85	-21.72	-1.48	-18.39	-8.21	168.46	-288.13	163.65	-283.32	46.63
		1119	7.36	10.06	-11.34	-0.53	-0.75	-10.70	221.36	-304.31	185.41	-268.35	132.69
		1118	6.46	11.75	-9.61	2.75	-0.61	-10.55	429.89	92.15	330.58	191.45	153.87
		1062	5.23	6.53	-18.47	3.31	-15.25	-8.37	389.86	189.75	386.18	193.43	26.88
856	32	1089	5.05	1.28	-16.43	-1.08	-14.07	-6.03	127.24	-215.63	123.99	-212.38	33.23
		1119	5.47	7.41	-8.35	-0.37	-0.57	-7.88	163.98	-227.75	138.35	-202.11	96.88
		1118	4.76	8.67	-7.06	2.09	-0.48	-7.76	317.14	69.23	245.91	140.47	112.19
		1062	3.92	4.79	-14.04	2.50	-11.74	-6.16	291.20	140.59	288.95	142.84	18.27
856	37	1089	4.61	0.97	-15.15	-0.93	-13.24	-5.21	115.69	-194.64	113.23	-192.19	27.49
		1119	4.86	6.47	-7.27	-0.28	-0.52	-6.87	143.84	-205.66	122.80	-184.62	83.14
		1118	4.12	7.60	-6.14	1.94	-0.49	-6.76	276.11	61.27	217.15	120.24	95.87
		1062	3.52	4.16	-13.08	2.28	-11.20	-5.37	259.58	122.58	258.18	123.98	13.78
857	8	1146	15.78	21.84	-4.43	-2.09	19.51	-7.48	30.83	-962.36	25.53	-957.06	72.35
		1110	16.36	42.69	-0.93	-0.22	41.98	-5.50	18.16	-938.80	16.62	-937.25	38.43
		1111	11.47	38.56	-1.25	-0.09	37.41	-6.69	34.91	-617.15	30.04	-612.29	56.13
		1145	11.42	21.47	-5.07	-1.42	17.82	-9.14	78.88	-644.95	66.24	-632.31	94.81
857	32	1146	11.81	16.52	-3.22	-1.56	14.86	-5.49	22.57	-719.72	18.84	-715.99	52.49
		1110	12.27	32.43	-0.67	-0.16	31.93	-4.06	13.10	-702.89	12.07	-701.85	27.17
		1111	8.62	29.38	-0.89	-0.07	28.55	-4.94	25.27	-463.08	21.99	-459.80	39.90
		1145	8.55	16.23	-3.66	-1.05	13.61	-6.72	57.90	-482.95	49.02	-474.06	68.75
857	37	1146	10.62	15.24	-2.73	-1.38	13.89	-4.74	19.22	-646.22	16.22	-643.22	44.58
		1110	11.08	30.17	-0.55	-0.13	29.76	-3.55	10.82	-632.55	10.07	-631.80	21.92
		1111	7.83	27.47	-0.72	-0.04	26.79	-4.33	21.12	-418.96	18.72	-416.57	32.37
		1145	7.70	14.94	-3.06	-0.92	12.80	-5.83	49.78	-435.12	42.70	-428.04	58.17
858	7	1118	6.44	11.82	-9.83	2.21	-0.22	-10.76	421.84	84.62	313.20	193.25	157.58
		1144	5.84	19.37	-4.93	1.30	13.13	-10.62	358.75	21.77	176.32	204.20	167.91
		1139	10.36	17.03	-2.47	2.10	12.46	-8.26	743.92	162.31	229.74	676.50	186.20
		1117	10.87	11.94	-5.94	6.64	-0.64	-8.17	814.39	394.87	494.14	715.12	178.30
858	32	1118	4.64	8.59	-7.03	1.87	-0.31	-7.74	309.51	70.21	239.27	140.45	108.97
		1144	4.08	15.34	-2.95	1.13	11.26	-7.61	254.78	23.27	132.55	145.49	115.58
		1139	7.70	13.49	-1.00	1.79	10.70	-5.72	548.68	129.62	172.85	505.46	127.46
		1117	8.04	8.78	-4.28	5.31	-0.80	-5.77	603.56	309.05	374.79	537.82	122.63
858	37	1118	4.02	7.53	-6.11	1.74	-0.32	-6.74	269.22	62.34	211.31	120.25	92.88
		1144	3.47	14.11	-2.29	1.08	10.75	-6.62	217.39	21.69	115.96	123.11	97.79
		1139	6.75	12.44	-0.54	1.71	10.20	-4.91	478.58	116.23	151.32	443.49	107.17
		1117	7.03	7.75	-3.76	4.84	-0.84	-5.01	528.25	275.64	330.11	473.78	103.89
859	8	1132	21.90	34.83	4.75	5.04	34.54	2.92	1471.07	283.24	284.63	1469.67	40.73
		1134	19.96	22.33	-2.54	-0.97	20.76	-6.06	1274.22	30.29	30.29	1274.22	1.85
		981	20.85	34.71	6.85	7.03	34.52	-2.27	1297.54	23.35	23.50	1297.39	-13.69
		982	22.08	32.84	7.08	8.84	31.07	6.51	1500.61	281.73	283.18	1499.16	-42.02
859	32	1132	16.30	26.25	3.54	3.78	26.01	2.33	1093.91	210.57	211.31	1093.17	25.55
		1134	14.89	17.42	-1.75	-0.71	16.39	-4.34	947.78	22.54	22.56	947.77	-3.21
		981	15.61	26.82	5.11	5.23	26.69	-1.64	968.62	17.94	18.09	968.48	-11.61
		982	16.47	24.72	5.02	6.37	23.37	4.98	1118.56	209.67	210.86	1117.38	-32.80
859	37	1132	14.47	23.94	3.18	3.44	23.68	2.29	968.91	185.59	185.84	968.66	14.00
		1134	13.30	17.07	-1.32	-0.60	16.35	-3.56	839.97	19.71	19.86	839.82	-11.19
		981	14.03	25.70	4.56	4.66	25.60	-1.42	865.33	16.86	17.05	865.13	-12.87
		982	14.70	22.48	4.00	5.26	21.23	4.65	996.08	185.42	186.67	994.82	-31.88
860	8	1117	10.97	10.99	-5.88	6.03	-0.92	-7.69	823.97	412.23	502.10	734.11	170.08
		1139	10.48	18.16	-1.54	3.09	13.53	-8.35	751.05	175.10	232.16	693.99	172.07
		1138	16.61	17.73	1.26	1.90	17.09	-3.18	1155.20	231.33	253.42	1133.11	141.14
		1116	17.60	12.99	-3.89	12.90	-3.79	-1.27	1342.00	666.42	701.86	1306.57	150.61
860	32	1117	8.11	8.13	-4.33	4.56	-0.76	-5.64	609.35	308.32	373.00	544.67	123.63
		1139	7.76	13.71	-0.93	2.35	10.43	-6.10	554.61	131.43	172.07	513.98	124.68
		1138	12.33	13.47	1.06	1.47	13.05	-2.23	856.65	172.65	187.95	841.34	101.16
		1116	13.07	9.73	-3.03	9.67	-2.97	-0.86	995.86	496.14	520.92	971.08	108.48
860	37	1117	7.10	7.18	-3.79	4.18	-0.79	-4.89	533.37	274.98	328.62	479.74	104.80
		1139	6.80	12.63	-0.46	2.20	9.97	-5.26	483.78	117.81	150.72	450.87	104.71
		1138	10.89	12.53	1.14	1.43	12.25	-1.77	754.16	153.25	164.87	742.53	82.78
		1116	11.53	8.76	-2.92	8.72	-2.89	-0.66	878.21	438.88	458.15	858.94	89.97
861	8	1114	10.77	27.28	-1.81	0.11	25.36	-7.23	664.25	33.85	56.83	641.27	118.15
		1093	11.09	33.36	-0.04	-0.03	33.35	-0.72	625.53	-5.24	-5.08	625.37	10.11
		1070	15.97	23.80	0.06	0.10	23.76	-1.00	981.57	-7.90	-7.77	981.44	11.17
		1115	16.21	25.17	-2.20	-0.32	23.29	-6.92	1028.45	39.36	48.98	1018.83	97.08
861	32	1114	7.99	21.05	-1.23	0.10	19.72	-5.27	490.05	26.15	41.84	474.35	83.87
		1093	8.27	26.13	-0.03	-0.02	26.12	-0.54	462.39	-3.75	-3.68	462.31	5.97
		1070	11.92	19.17	0.04	0.07	19.14	-0.74	728.38	-5.73	-5.67	728.32	6.69
		1115	12.07	19.51	-1.49	-0.22	18.24	-5.01	762.55	29.82	36.14	756.24	67.73
861	37	1114	7.06	20.19	-0.89	0.13	19.18	-4.51	426.47	24.53	36.10	414.91	67.20
		1093	7.37	25.76	-0.03	-0.02	25.75	-0.48	403.82	-3.07	-3.06	403.80	2.53
		1070	10.65	19.84	0.04	0.07	19.82	-0.64	641.94	-4.82	-4.80	641.93	2.99
		1115	10.72	18.87	-1.08	-0.15	17.95	-4.20	671.08	27.06	31.27	666.87	51.92
862	8	1144	5.49	20.25	-4.41	0.86	14.98	-10.11	342.52	30.12	177.53	195.11	155.95
		1113	4.57	30.76	-1.62	0.28	28.86	-7.61	254.45	8.05	57.49	205.01	98.68
		1114	10.68	27.51	-1.82	0.12	25.57	-7.27	657.28	36.29	54.98	638.59	106.10
		1139	10.34	18.49	-2.02	1.95	14.52	-8.10	737.87	171.97	233.74	676.10	176.46
862	32	1144	4.00	15.29	-3.09	0.68	11.52	-7.42	250.28	23.59	131.44	142.42	113.21

		1113	3.36	23.61	-1.11	0.23	22.27	-5.59	184.19	7.24	42.30	149.13	70.53
		1114	7.93	21.21	-1.23	0.11	19.87	-5.32	485.19	27.65	40.50	472.35	75.57
		1139	7.66	13.96	-1.30	1.50	11.16	-5.90	544.87	129.10	173.11	500.86	127.91
862	37	1144	3.40	14.07	-2.43	0.67	10.97	-6.44	213.35	22.05	114.89	120.51	95.61
		1113	2.91	22.42	-0.83	0.24	21.35	-4.87	153.47	8.17	36.46	125.19	57.53
		1114	7.01	20.33	-0.89	0.14	19.30	-4.57	422.74	25.33	34.94	413.13	61.03
		1139	6.72	12.85	-0.80	1.44	10.62	-5.05	475.27	115.76	151.45	439.57	107.51
863	8	1090	11.46	12.08	-15.96	9.09	-12.97	-8.65	768.92	732.03	732.48	768.47	-4.06
		1117	11.06	13.92	-5.24	9.92	-1.24	-7.79	832.38	427.88	524.64	735.62	172.56
		1116	17.90	8.84	-8.32	7.43	-6.90	-4.72	1349.29	675.58	716.25	1308.62	160.45
		1061	21.40	18.89	-9.15	18.22	-8.48	-4.27	1513.21	1290.77	1309.26	1494.73	-61.40
863	32	1090	8.53	8.96	-12.20	6.82	-10.06	-6.39	572.18	544.68	545.64	571.22	-5.05
		1117	8.17	10.34	-3.88	7.46	-0.99	-5.72	615.58	319.92	389.70	545.79	125.55
		1116	13.28	6.60	-6.29	5.60	-5.29	-3.44	1001.19	502.93	531.53	972.60	115.89
		1061	15.91	14.08	-7.23	13.60	-6.74	-3.18	1126.98	957.74	972.72	1112.00	-48.07
863	37	1090	7.57	7.92	-11.51	6.14	-9.73	-5.60	507.43	481.35	483.68	505.10	-7.44
		1117	7.15	9.20	-3.43	6.76	-0.99	-4.98	538.89	285.12	343.28	480.72	106.67
		1116	11.72	5.94	-5.77	5.13	-4.96	-2.97	882.79	444.80	467.33	860.26	96.75
		1061	14.06	12.56	-7.23	12.14	-6.81	-2.87	1000.68	842.90	857.89	985.69	-46.26
864	8	1063	11.34	-1.86	-23.74	-4.67	-20.93	-7.32	34.85	-680.83	31.23	-677.21	50.78
		1120	11.10	7.05	-11.78	-2.98	-1.75	-9.40	99.96	-668.96	84.81	-653.81	106.87
		1119	7.35	9.82	-11.28	-0.77	-0.69	-10.55	222.32	-303.82	189.09	-270.59	127.99
		1089	6.72	1.79	-21.58	-1.59	-18.20	-8.22	171.87	-286.57	167.95	-282.66	42.18
864	32	1063	8.51	-1.48	-17.92	-3.47	-15.94	-5.36	28.30	-508.36	25.80	-505.86	36.56
		1120	8.29	5.15	-8.68	-2.21	-1.32	-6.90	74.62	-500.05	63.82	-489.25	78.04
		1119	5.46	7.22	-8.30	-0.55	-0.53	-7.76	164.70	-227.40	141.04	-203.74	93.36
		1089	5.07	1.24	-16.33	-1.16	-13.92	-6.04	129.77	-214.48	127.15	-211.86	29.91
		1063	7.68	-1.49	-16.47	-3.08	-14.88	-4.61	28.87	-455.35	26.90	-453.38	30.84
864	37	1120	7.42	4.43	-7.57	-1.93	-1.20	-5.99	66.31	-448.95	57.42	-440.06	67.11
		1119	4.86	6.28	-7.21	-0.44	-0.50	-6.75	144.47	-205.37	125.12	-186.02	79.98
		1089	4.62	0.95	-15.06	-1.00	-13.11	-5.24	117.91	-193.64	115.96	-191.69	24.52
865	8	1113	4.62	30.61	-1.67	0.21	28.72	-7.56	256.75	3.33	54.32	205.76	101.60
		1071	5.15	41.95	0.03	0.06	41.93	-1.03	202.54	-2.95	-2.86	202.45	4.21
		1093	11.00	33.28	0.04	0.07	33.25	-0.94	619.75	-6.01	-5.88	619.63	8.80
		1114	10.67	27.19	-1.82	0.15	25.22	-7.30	657.70	35.53	55.54	637.69	109.76
865	32	1113	3.39	23.49	-1.15	0.17	22.17	-5.56	185.43	4.21	40.01	149.63	72.15
		1071	3.84	32.41	0.02	0.04	32.40	-0.78	146.96	-2.04	-2.02	146.94	1.83
		1093	8.20	26.07	0.03	0.05	26.05	-0.71	458.09	-4.30	-4.24	458.03	5.12
		1114	7.92	20.98	-1.24	0.13	19.62	-5.33	485.20	27.39	40.95	471.64	77.62
		1113	2.93	22.32	-0.88	0.17	21.26	-4.83	153.75	6.34	34.57	125.53	58.00
865	37	1071	3.41	31.16	0.02	0.04	31.14	-0.72	122.69	-1.57	-1.56	122.69	-0.65
		1093	7.31	25.70	0.03	0.05	25.68	-0.65	400.00	-3.50	-3.49	399.99	1.99
		1114	6.99	20.13	-0.90	0.14	19.08	-4.57	422.24	25.61	35.43	412.41	61.65
866	8	1125	23.78	-1.65	-8.52	-6.57	-3.61	3.10	-73.50	-1617.95	-74.31	-1617.13	35.43
		1147	24.72	19.70	-3.65	-3.42	19.47	2.29	-29.94	-1592.55	-30.36	-1592.14	25.57
		1141	23.80	19.96	-3.16	-3.15	19.96	-0.27	-28.98	-1529.42	-29.85	-1528.55	36.12
		1124	22.81	-3.57	-6.29	-6.24	-3.63	0.39	-72.17	-1552.49	-73.69	-1550.97	47.42
866	32	1125	17.75	-1.14	-6.46	-4.90	-2.70	2.42	-53.20	-1207.21	-53.81	-1206.60	26.55
		1147	18.47	14.91	-2.74	-2.55	14.72	1.80	-21.98	-1188.96	-22.29	-1188.65	19.09
		1141	17.79	15.11	-2.35	-2.35	15.11	-0.11	-21.40	-1142.07	-22.03	-1141.44	26.64
		1124	17.03	-2.63	-4.73	-4.65	-2.72	0.40	-52.37	-1158.57	-53.49	-1157.45	35.15
866	37	1125	15.88	-0.83	-5.97	-4.37	-2.43	2.38	-44.64	-1078.06	-45.22	-1077.48	24.36
		1147	16.53	13.76	-2.47	-2.27	13.56	1.79	-19.01	-1062.98	-19.31	-1062.69	17.49
		1141	15.93	13.95	-2.09	-2.09	13.95	0.09	-18.75	-1021.61	-19.31	-1021.05	23.66
		1124	15.23	-2.27	-4.33	-4.15	-2.45	0.58	-44.22	-1035.08	-45.22	-1034.08	31.42
867	8	1108	23.09	44.94	-0.76	-0.66	44.84	-2.17	-1.81	-1389.27	-1.83	-1389.25	5.71
		1096	24.34	70.54	0.20	0.22	70.52	-1.05	4.94	-1385.38	4.94	-1385.38	1.15
		1073	21.28	67.82	0.18	0.20	67.81	-1.00	4.25	-1190.80	4.24	-1190.78	4.26
		1109	20.17	43.68	-0.88	-0.58	43.38	-3.61	5.22	-1195.72	5.12	-1195.62	10.94
867	32	1108	17.28	34.02	-0.56	-0.49	33.95	-1.57	-1.55	-1038.40	-1.56	-1038.39	3.46
		1096	18.23	53.36	0.15	0.16	53.34	-0.80	3.74	-1035.71	3.74	-1035.71	0.56
		1073	15.95	51.40	0.14	0.15	51.39	-0.75	3.24	-890.88	3.23	-890.87	2.79
		1109	15.10	33.12	-0.64	-0.44	32.91	-2.64	3.62	-894.31	3.57	-894.26	6.86
867	37	1108	15.53	31.40	-0.49	-0.44	31.35	-1.30	-1.79	-930.75	-1.79	-930.74	2.13
		1096	16.41	49.18	0.14	0.15	49.17	-0.73	3.43	-928.73	3.43	-928.73	0.15
		1073	14.40	47.55	0.13	0.14	47.54	-0.69	3.00	-800.17	2.99	-800.16	1.98
		1109	13.60	30.67	-0.55	-0.39	30.51	-2.25	2.70	-802.82	2.67	-802.80	4.27
868	8	1123	20.96	-1.60	-7.29	-5.74	-3.14	-2.53	-57.56	-1424.86	-61.87	-1420.54	76.66
		1140	22.01	20.94	-3.19	-2.73	20.49	-3.27	-18.27	-1402.40	-21.23	-1399.44	63.99
		1142	19.32	21.40	-3.65	-2.34	20.09	-5.56	2.04	-1212.86	-2.44	-1208.38	73.68
		1122	18.32	0.93	-9.30	-5.17	-3.20	-5.02	-28.45	-1233.82	-34.66	-1227.61	86.27
868	32	1123	15.65	-1.30	-5.34	-4.29	-2.35	-1.77	-41.67	-1063.56	-44.82	-1060.41	56.65
		1140	16.45	15.85	-2.35	-2.04	15.54	-2.35	-13.57	-1047.55	-15.71	-1045.40	47.09
		1142	14.45	16.19	-2.67	-1.75	15.27	-4.06	1.39	-906.39	-1.83	-903.17	53.94
		1122	13.69	0.58	-6.83	-3.86	-2.40	-3.63	-20.18	-921.23	-24.67	-916.74	63.46
868	37	1123	14.01	-1.34	-4.59	-3.83	-2.10	-1.38	-35.07	-950.76	-37.82	-948.02	50.07
		1140	14.75	14.63	-2.04	-1.81	14.40	-1.94	-12.09	-937.78	-13.93	-935.94	41.30

		1142	12.97	14.93	-2.28	-1.55	14.20	-3.46	0.86	-812.33	-1.83	-809.63	46.72
		1122	12.25	0.31	-5.90	-3.44	-2.16	-3.04	-16.36	-824.18	-20.19	-820.35	55.49
869	8	1065	23.82	-8.90	-26.03	-8.92	-26.00	0.65	-138.33	-1578.31	-139.05	-1577.59	32.21
		1124	22.83	-3.40	-6.17	-6.15	-3.42	0.23	-71.50	-1554.17	-72.40	-1553.27	36.50
		1123	20.99	-1.58	-7.17	-5.79	-2.96	-2.41	-56.19	-1426.39	-58.05	-1424.53	50.46
		1087	21.96	-8.33	-25.72	-8.47	-25.58	-1.55	-124.13	-1449.36	-125.27	-1448.21	38.99
869	32	1065	17.79	-6.62	-19.65	-6.65	-19.63	0.58	-99.77	-1177.02	-100.30	-1176.49	23.88
		1124	17.05	-2.52	-4.62	-4.58	-2.56	0.28	-51.87	-1159.82	-52.53	-1159.16	26.98
		1123	15.68	-1.29	-5.25	-4.31	-2.22	-1.69	-40.66	-1064.70	-42.00	-1063.36	37.06
		1087	16.41	-6.22	-19.42	-6.31	-19.34	-1.06	-89.34	-1081.03	-90.17	-1080.20	28.65
869	37	1065	15.94	-5.88	-18.05	-5.92	-18.01	0.71	-83.11	-1050.13	-83.58	-1049.65	21.52
		1124	15.25	-2.20	-4.18	-4.07	-2.30	0.45	-43.78	-1036.19	-44.36	-1035.60	24.11
		1123	14.03	-1.34	-4.51	-3.83	-2.01	-1.30	-34.18	-951.77	-35.33	-950.62	32.50
		1087	14.71	-5.57	-17.83	-5.62	-17.78	-0.77	-74.14	-964.93	-74.86	-964.21	25.27
870	8	1104	24.44	39.38	-1.74	-1.06	38.70	5.22	6.11	-1494.82	5.82	-1494.53	-20.76
		1098	25.39	61.89	0.24	0.25	61.89	-0.64	4.56	-1484.32	4.53	-1484.29	6.36
		1075	26.82	67.09	0.22	0.22	67.08	-0.69	4.91	-1561.94	4.80	-1561.83	13.07
		1105	25.67	42.51	-1.15	-0.91	42.27	3.25	-1.36	-1569.60	-1.45	-1569.51	-11.75
870	32	1104	18.27	29.69	-1.31	-0.80	29.18	3.95	4.56	-1116.15	4.36	-1115.95	-14.89
		1098	18.98	46.63	0.18	0.19	46.62	-0.48	3.43	-1108.50	3.40	-1108.48	4.93
		1075	20.05	50.58	0.16	0.17	50.57	-0.52	3.69	-1166.64	3.61	-1166.55	9.91
		1105	19.19	32.08	-0.87	-0.68	31.89	2.48	-1.08	-1172.17	-1.14	-1172.10	-8.47
870	37	1104	16.36	27.19	-1.19	-0.71	26.71	3.65	4.08	-997.96	3.94	-997.82	-11.78
		1098	17.02	42.62	0.17	0.17	42.62	-0.45	3.09	-991.46	3.07	-991.44	4.89
		1075	17.99	46.29	0.15	0.15	46.28	-0.47	3.35	-1043.85	3.27	-1043.76	9.30
		1105	17.20	29.41	-0.79	-0.61	29.23	2.34	-1.07	-1048.45	-1.11	-1048.41	-6.58
871	8	1151	24.77	20.65	-4.74	-3.83	19.74	4.71	-20.17	-1590.25	-21.21	-1589.20	40.44
		1105	25.69	42.73	-1.08	-1.00	42.66	1.82	-0.36	-1569.34	-1.31	-1568.39	38.73
		1106	25.84	44.43	-0.78	-0.78	44.43	-2.94e-03	-4.62	-1575.86	-5.98	-1574.49	46.29
		1147	24.70	19.52	-3.76	-3.57	19.33	2.10	-29.78	-1591.90	-31.62	-1590.06	53.57
871	32	1151	18.50	15.62	-3.57	-2.87	14.92	3.61	-14.61	-1187.07	-15.40	-1186.28	30.52
		1105	19.20	32.24	-0.81	-0.75	32.18	1.41	-0.35	-1171.94	-1.08	-1171.22	29.17
		1106	19.32	33.55	-0.58	-0.58	33.55	0.04	-3.59	-1177.03	-4.61	-1176.01	34.55
		1147	18.45	14.78	-2.82	-2.67	14.62	1.66	-21.86	-1188.47	-23.23	-1187.10	40.00
871	37	1151	16.56	14.39	-3.25	-2.57	13.71	3.40	-12.25	-1060.90	-13.02	-1060.14	28.28
		1105	17.21	29.57	-0.73	-0.67	29.51	1.34	-0.46	-1048.21	-1.15	-1047.51	26.94
		1106	17.32	30.82	-0.52	-0.52	30.82	0.13	-3.48	-1053.25	-4.41	-1052.32	31.27
		1147	16.52	13.65	-2.56	-2.39	13.47	1.67	-18.90	-1062.54	-20.15	-1061.28	36.19
872	8	1141	23.79	19.86	-3.20	-3.18	19.85	-0.58	-29.28	-1528.96	-31.16	-1527.08	53.08
		1107	24.98	45.25	-0.67	-0.62	45.20	-1.56	-4.75	-1515.54	-5.75	-1514.54	38.80
		1108	23.09	45.01	-0.70	-0.48	44.80	-3.13	-0.92	-1389.13	-2.18	-1387.87	41.85
		1140	21.99	20.67	-3.21	-2.81	20.27	-3.05	-19.28	-1401.98	-22.01	-1399.25	61.37
872	32	1141	17.78	15.03	-2.38	-2.38	15.03	-0.34	-21.61	-1141.73	-22.99	-1140.35	39.30
		1107	18.68	34.21	-0.50	-0.46	34.17	-1.12	-3.75	-1132.28	-4.47	-1131.55	28.63
		1108	17.28	34.07	-0.51	-0.36	33.92	-2.29	-0.94	-1038.24	-1.84	-1037.34	30.57
		1140	16.43	15.64	-2.37	-2.10	15.37	-2.18	-14.32	-1047.24	-16.29	-1045.27	45.12
872	37	1141	15.92	13.88	-2.13	-2.13	13.88	-0.13	-18.94	-1021.31	-20.16	-1020.09	34.98
		1107	16.77	31.49	-0.43	-0.40	31.47	-0.92	-3.72	-1013.84	-4.36	-1013.20	25.40
		1108	15.53	31.45	-0.44	-0.32	31.33	-1.96	-1.34	-930.51	-2.10	-929.75	26.52
		1140	14.74	14.44	-2.07	-1.88	14.24	-1.78	-12.75	-937.51	-14.44	-935.82	39.53
873	8	1068	17.14	2.30	-24.26	-8.78	-13.18	13.10	165.40	-1010.96	156.84	-1002.41	99.93
		1130	16.61	15.12	-17.15	-7.48	5.45	14.78	208.89	-950.44	208.89	-950.44	0.81
		1129	19.44	10.81	-17.83	-9.33	2.32	13.08	90.34	-1227.03	88.00	-1224.69	55.46
		1084	20.04	-1.27	-26.31	-10.93	-16.65	12.19	20.80	-1276.08	10.92	-1266.19	112.80
873	32	1068	12.82	1.76	-18.24	-6.57	-9.91	9.86	128.15	-753.01	121.39	-746.26	76.86
		1130	12.41	11.40	-12.88	-5.60	4.12	11.13	158.49	-708.37	158.48	-708.36	2.51
		1129	14.52	8.18	-13.41	-6.99	1.76	9.87	69.73	-914.93	67.85	-913.05	42.98
		1084	14.97	-0.90	-19.79	-8.17	-12.52	9.19	19.85	-950.86	12.16	-943.17	86.05
873	37	1068	11.51	1.67	-16.60	-5.91	-9.02	9.00	123.07	-669.94	116.26	-663.14	73.16
		1130	11.10	10.43	-11.69	-5.05	3.79	10.14	146.37	-630.91	146.32	-630.86	6.04
		1129	12.98	7.53	-12.20	-6.30	1.63	9.03	66.52	-815.74	64.55	-813.77	41.63
		1084	13.41	-0.72	-18.01	-7.34	-11.39	8.40	25.53	-846.68	18.01	-839.16	80.62
874	8	1153	10.95	35.10	-7.71	29.72	-2.33	14.19	586.54	-139.93	538.54	-91.93	-180.47
		1154	9.74	29.53	-1.13	21.56	6.84	13.44	351.52	-352.65	224.18	-225.31	-271.03
		1133	10.93	26.32	-7.80	14.43	4.08	16.26	361.92	-418.31	248.32	-304.71	-275.19
		1136	11.70	22.56	-11.63	12.81	-1.88	15.43	532.09	-339.96	457.31	-265.18	-244.17
874	32	1153	8.25	26.42	-5.74	22.35	-1.67	10.69	442.53	-103.32	407.73	-68.52	-133.36
		1154	7.28	22.24	-0.86	16.24	5.15	10.13	264.79	-261.92	171.01	-168.14	-201.49
		1133	8.17	19.83	-5.86	10.87	3.10	12.25	272.68	-310.96	189.16	-227.43	-204.38
		1136	8.77	16.99	-8.72	9.65	-1.37	11.62	401.21	-252.28	346.70	-197.77	-180.70
874	37	1153	7.51	24.11	-5.12	20.37	-1.38	9.77	404.38	-90.11	375.22	-60.95	-116.47
		1154	6.53	20.33	-0.79	14.84	4.70	9.26	241.18	-231.40	159.86	-150.09	-178.37
		1133	7.33	18.13	-5.32	9.92	2.89	11.19	248.44	-275.29	176.28	-203.13	-180.52
		1136	7.89	15.53	-7.89	8.81	-1.17	10.59	366.13	-222.59	319.91	-176.37	-158.35
875	22	1069	14.45	17.42	-14.25	10.25	-7.09	13.25	800.12	-186.88	799.43	-186.20	26.03
		1136	11.66	23.79	-11.49	9.65	2.65	17.29	541.95	-330.54	522.44	-311.03	-129.00
		1131	13.75	18.84	-15.10	1.11	2.63	16.95	357.91	-642.80	335.24	-620.14	-148.88

		1083	14.44	7.93	-20.78	-0.64	-12.21	13.14	429.18	-634.17	428.89	-633.88	-17.75
875	36	1069	10.86	13.09	-10.71	7.71	-5.33	9.95	601.55	-139.44	600.97	-138.86	20.65
		1136	8.74	17.88	-8.62	7.25	2.01	12.99	407.32	-246.80	393.04	-232.52	-95.60
		1131	10.30	14.16	-11.34	0.84	1.99	12.74	269.13	-480.60	252.45	-463.92	-110.59
		1083	10.83	5.96	-15.60	-0.47	-9.17	9.87	323.36	-474.10	323.17	-473.91	-12.26
875	37	1069	9.68	11.83	-9.74	6.96	-4.87	9.02	532.59	-130.12	532.35	-129.88	12.63
		1136	7.90	16.12	-7.85	6.56	1.71	11.73	361.67	-228.74	346.82	-213.89	-92.45
		1131	9.37	12.75	-10.26	0.77	1.72	11.49	237.92	-442.12	221.18	-425.38	-105.39
		1083	9.77	5.35	-14.14	-0.45	-8.34	8.92	281.17	-437.14	280.79	-436.77	-16.45
876	8	1136	11.62	23.64	-11.10	6.19	6.35	17.37	524.47	-347.88	522.72	-346.13	-39.06
		1133	11.02	25.78	-7.96	5.60	12.21	16.54	356.46	-429.77	339.66	-412.97	-113.71
		1137	12.34	24.90	-10.81	-1.38	15.47	15.74	218.17	-611.68	203.92	-597.43	-107.81
		1131	13.91	18.59	-15.37	-3.67	6.89	16.14	334.04	-669.16	332.41	-667.53	-40.42
876	32	1136	8.70	17.80	-8.32	4.66	4.82	13.06	395.52	-258.20	394.44	-257.12	-26.57
		1133	8.24	19.43	-5.98	4.22	9.22	12.46	268.59	-319.50	256.61	-307.52	-83.06
		1137	9.22	18.76	-8.13	-1.03	11.66	11.85	164.38	-455.73	154.13	-445.47	-79.07
		1131	10.40	14.01	-11.55	-2.75	5.21	12.14	252.37	-498.21	251.32	-497.16	-28.01
876	37	1136	7.83	16.24	-7.52	4.25	4.47	11.88	361.03	-227.87	360.44	-227.28	-18.72
		1133	7.39	17.76	-5.43	3.86	8.47	11.37	244.76	-282.90	235.13	-273.27	-70.66
		1137	8.26	17.14	-7.40	-0.92	10.67	10.82	149.79	-405.45	141.37	-397.03	-67.87
		1131	9.32	12.80	-10.49	-2.49	4.80	11.06	231.18	-442.71	230.54	-442.06	-20.80
877	8	1102	18.78	30.02	-5.44	-0.73	25.30	12.04	38.78	-1134.26	26.58	-1122.06	-119.02
		1099	19.12	43.57	0.32	0.40	43.49	1.79	3.65	-1127.97	1.04	-1125.36	-54.34
		1076	22.80	54.13	0.24	0.31	54.06	1.97	4.03	-1338.14	2.21	-1336.32	-49.35
		1103	22.13	34.76	-3.05	-0.60	32.31	9.31	19.03	-1350.72	11.68	-1343.37	-100.12
877	32	1102	14.03	22.62	-4.09	-0.54	19.06	9.07	29.14	-846.62	20.23	-837.71	-87.87
		1099	14.29	32.80	0.24	0.30	32.74	1.35	2.72	-842.18	0.80	-840.26	-40.26
		1076	17.04	40.76	0.18	0.23	40.71	1.48	3.01	-999.21	1.68	-997.87	-36.52
		1103	16.54	26.20	-2.30	-0.44	24.35	7.03	14.28	-1008.40	8.91	-1003.03	-73.95
877	37	1102	12.55	20.67	-3.73	-0.48	17.43	8.29	26.40	-756.27	18.87	-748.73	-76.42
		1099	12.80	29.93	0.23	0.28	29.88	1.22	2.40	-752.78	0.75	-751.13	-35.29
		1076	15.28	37.22	0.17	0.22	37.17	1.35	2.69	-893.42	1.55	-892.28	-31.93
		1103	14.81	23.97	-2.10	-0.39	22.26	6.45	12.91	-901.27	8.37	-896.73	-64.26
878	8	1142	19.29	21.32	-3.73	-2.53	20.13	-5.33	0.25	-1212.27	-2.48	-1209.54	57.44
		1109	20.20	43.92	-0.84	-0.42	43.50	-4.28	7.04	-1196.36	6.20	-1195.52	31.88
		1110	16.37	42.69	-0.91	-0.22	41.99	-5.45	18.49	-939.37	16.82	-937.70	39.88
		1146	15.77	21.68	-4.35	-2.07	19.40	-7.36	30.89	-962.14	25.50	-956.75	72.96
878	32	1142	14.43	16.13	-2.73	-1.89	15.29	-3.89	0.06	-905.95	-1.87	-904.02	41.78
		1109	15.13	33.30	-0.61	-0.31	33.00	-3.15	4.92	-894.73	4.34	-894.16	22.72
		1110	12.27	32.43	-0.66	-0.16	31.94	-4.02	13.34	-703.32	12.22	-702.21	28.26
		1146	11.80	16.39	-3.16	-1.54	14.77	-5.39	22.61	-719.55	18.82	-715.76	52.93
878	37	1142	12.95	14.88	-2.34	-1.68	14.22	-3.31	-0.30	-811.94	-1.88	-810.36	35.81
		1109	13.62	30.84	-0.51	-0.27	30.60	-2.73	3.73	-803.08	3.29	-802.64	18.77
		1110	11.09	30.17	-0.54	-0.13	29.76	-3.51	11.03	-632.95	10.22	-632.13	22.91
		1146	10.61	15.11	-2.68	-1.37	13.81	-4.64	19.25	-646.08	16.19	-643.02	44.97
879	22	1082	18.95	35.83	-2.12	35.00	-1.29	5.55	1278.38	336.35	1278.09	336.65	16.72
		1153	10.79	31.30	-11.31	22.60	-2.60	17.18	580.40	-189.96	512.04	-121.60	-219.06
		1136	11.49	26.11	-10.05	18.47	-2.41	14.76	560.87	-297.82	478.11	-215.07	-253.41
		1069	14.36	16.24	-16.58	11.69	-12.03	11.34	812.19	-172.96	788.96	-149.74	-149.46
879	36	1082	14.24	26.93	-1.60	26.31	-0.97	4.17	960.60	-251.86	960.35	-252.11	13.32
		1153	8.10	23.54	-8.46	17.00	-1.92	12.90	436.37	-141.64	385.72	-90.99	-163.43
		1136	8.62	19.63	-7.55	13.88	-1.80	11.10	421.49	-222.31	360.13	-160.95	-189.04
		1069	10.79	12.20	-12.45	8.79	-9.03	8.51	610.55	-129.00	593.46	-111.91	-111.10
879	37	1082	12.67	24.31	-1.45	23.75	-0.89	3.75	855.01	-229.92	854.90	-230.02	8.24
		1153	7.23	21.20	-7.86	15.27	-1.93	11.71	386.85	-132.11	337.76	-83.01	-151.88
		1136	7.74	17.73	-6.87	12.59	-1.73	10.00	374.62	-206.33	315.40	-147.11	-175.78
		1069	9.62	11.02	-11.35	7.92	-8.25	7.74	541.00	-120.68	523.81	-103.49	-105.24
880	8	1066	24.86	-7.73	-26.68	-9.46	-24.95	5.46	-130.20	-1648.49	-130.40	-1648.30	17.37
		1126	23.89	1.16	-11.15	-6.71	-3.28	5.91	-61.30	-1621.56	-61.34	-1621.53	7.00
		1125	23.80	-1.55	-8.52	-6.46	-3.61	3.18	-72.99	-1619.40	-73.33	-1619.06	22.94
		1086	24.79	-8.62	-26.37	-9.22	-25.77	3.22	-140.31	-1644.79	-140.75	-1644.35	25.70
880	32	1066	18.57	-5.72	-20.13	-7.05	-18.79	4.17	-93.44	-1229.02	-93.60	-1228.86	13.48
		1126	17.84	0.96	-8.42	-5.00	-2.45	4.51	-43.97	-1209.73	-44.00	-1209.70	5.66
		1125	17.77	-1.06	-6.46	-4.81	-2.71	2.48	-52.83	-1208.29	-53.09	-1208.03	17.23
		1086	18.51	-6.39	-19.91	-6.87	-19.43	2.50	-101.12	-1226.43	-101.45	-1226.09	19.38
880	37	1066	16.62	-5.02	-18.44	-6.29	-17.18	3.92	-76.88	-1095.72	-77.06	-1095.55	13.39
		1126	15.95	1.06	-7.71	-4.45	-2.20	4.23	-36.13	-1079.91	-36.17	-1079.87	6.28
		1125	15.89	-0.76	-5.97	-4.28	-2.45	2.44	-44.33	-1079.01	-44.58	-1078.77	16.02
		1086	16.58	-5.64	-18.26	-6.12	-17.78	2.42	-84.02	-1093.80	-84.35	-1093.47	18.12
881	8	1155	9.73	22.99	-9.52	10.17	3.29	15.89	141.81	-482.46	-46.93	-293.71	-286.71
		1100	8.39	13.05	-0.69	1.12	11.25	4.64	-4.97	-516.93	-59.12	-462.78	-157.45
		1077	14.38	29.32	0.06	2.49	26.89	8.07	5.10	-858.20	-59.46	-793.65	-227.08
		1101	14.17	25.85	-8.84	6.53	10.48	17.23	66.70	-824.92	-62.65	-695.58	-314.00
881	32	1155	7.26	17.31	-7.16	7.66	2.48	11.96	106.44	-359.32	-33.43	-219.45	-213.50
		1100	6.26	9.82	-0.52	0.84	8.46	3.49	-3.82	-385.75	-44.06	-345.50	-117.27
		1077	10.74	22.07	0.05	1.88	20.24	6.08	3.74	-640.61	-44.24	-592.63	-169.17
		1101	10.59	19.47	-6.65	4.92	7.90	12.97	50.11	-615.49	-45.73	-519.65	-233.68

881	37	1155	6.49	15.80	-6.52	7.00	2.28	10.91	96.22	-319.36	-26.71	-196.44	-189.67
		1100	5.60	8.95	-0.46	0.77	7.72	3.18	-3.63	-344.32	-39.22	-308.74	-104.19
		1077	9.61	20.13	0.05	1.71	18.46	5.54	3.19	-572.27	-39.25	-529.83	-150.41
		1101	9.47	17.78	-6.06	4.50	7.22	11.85	45.41	-549.28	-38.76	-465.11	-207.29
882	8	1086	24.78	-8.68	-26.32	-9.22	-25.79	3.03	-140.18	-1644.68	-140.51	-1644.35	22.20
		1125	23.80	-1.57	-8.37	-6.42	-3.53	3.08	-72.91	-1619.48	-73.16	-1619.23	19.52
		1124	22.83	-3.51	-6.21	-6.16	-3.55	0.34	-71.39	-1554.10	-72.18	-1553.31	34.10
		1065	23.82	-8.87	-26.02	-8.91	-25.99	0.78	-138.18	-1578.34	-138.81	-1577.71	30.08
882	32	1086	18.51	-6.44	-19.87	-6.87	-19.44	2.36	-101.02	-1226.34	-101.27	-1226.09	16.74
		1125	17.77	-1.08	-6.34	-4.78	-2.64	2.40	-52.77	-1208.35	-52.96	-1208.16	14.66
		1124	17.05	-2.59	-4.66	-4.59	-2.66	0.37	-51.79	-1159.76	-52.37	-1159.19	25.20
		1065	17.80	-6.60	-19.65	-6.64	-19.62	0.68	-99.67	-1177.04	-100.13	-1176.58	22.32
882	37	1086	16.57	-5.69	-18.24	-6.12	-17.80	2.30	-83.93	-1093.72	-84.18	-1093.47	15.70
		1125	15.89	-0.78	-5.84	-4.25	-2.37	2.35	-44.27	-1079.07	-44.45	-1078.89	13.71
		1124	15.25	-2.25	-4.24	-4.08	-2.41	0.54	-43.71	-1036.14	-44.22	-1035.63	22.53
		1065	15.94	-5.86	-18.04	-5.91	-17.99	0.78	-83.02	-1050.16	-83.44	-1049.73	20.16
883	8	1085	24.07	-6.16	-26.93	-9.67	-23.42	7.78	-105.45	-1589.32	-105.64	-1589.13	16.89
		1127	23.18	3.93	-13.96	-7.11	-2.93	8.69	-35.14	-1559.91	-35.15	-1559.90	-3.29
		1126	23.90	1.17	-11.32	-6.79	-3.36	6.00	-61.52	-1621.58	-61.66	-1621.44	15.09
		1066	24.86	-7.64	-26.76	-9.52	-24.87	5.70	-130.62	-1648.63	-131.05	-1648.21	25.35
883	32	1085	17.97	-4.55	-20.30	-7.21	-17.63	5.90	-74.82	-1184.74	-74.98	-1184.57	13.48
		1127	17.31	3.03	-10.52	-5.30	-2.19	6.59	-24.28	-1163.57	-24.29	-1163.57	-1.67
		1126	17.84	0.97	-8.55	-5.07	-2.51	4.59	-44.14	-1209.75	-44.25	-1209.63	11.72
		1066	18.57	-5.65	-20.18	-7.10	-18.74	4.35	-93.76	-1229.12	-94.09	-1228.79	19.47
883	37	1085	16.08	-3.97	-18.56	-6.44	-16.09	5.47	-59.94	-1055.86	-60.14	-1055.67	14.03
		1127	15.47	2.91	-9.59	-4.73	-1.96	6.09	-18.21	-1038.33	-18.21	-1038.33	0.35
		1126	15.95	1.07	-7.85	-4.51	-2.27	4.32	-36.28	-1079.91	-36.41	-1079.78	11.72
		1066	16.62	-4.97	-18.48	-6.33	-17.11	4.07	-77.17	-1095.82	-77.52	-1095.47	18.82
884	8	1149	21.97	20.98	-9.46	-4.59	16.10	11.16	29.68	-1384.25	28.95	-1383.51	-32.26
		1103	22.19	35.16	-2.95	-1.50	33.71	7.28	20.72	-1351.93	20.35	-1351.55	-22.66
		1104	24.47	39.53	-1.74	-1.17	38.95	4.84	7.93	-1495.03	7.93	-1495.02	-2.05
		1148	23.83	20.32	-6.92	-4.15	17.54	8.24	-1.86	-1523.36	-1.89	-1523.34	-6.40
884	32	1149	16.41	15.83	-7.12	-3.43	12.14	8.43	22.94	-1033.00	22.43	-1032.49	-23.20
		1103	16.57	26.50	-2.22	-1.12	25.41	5.49	15.54	-1009.29	15.28	-1009.04	-16.21
		1104	18.28	29.80	-1.31	-0.87	29.36	3.67	5.89	-1116.28	5.89	-1116.28	-1.03
		1148	17.80	15.36	-5.22	-3.10	13.24	6.25	-0.78	-1136.97	-0.80	-1136.96	-4.16
884	37	1149	14.68	14.53	-6.48	-3.08	11.13	7.74	21.96	-922.52	21.58	-922.14	-18.79
		1103	14.84	24.24	-2.01	-1.00	23.24	5.04	14.04	-902.06	13.86	-901.88	-12.90
		1104	16.38	27.29	-1.19	-0.77	26.88	3.40	5.24	-998.05	5.24	-998.05	0.36
		1148	15.93	14.13	-4.76	-2.78	12.15	5.79	0.41	-1015.74	0.41	-1015.73	-2.23
885	8	1079	5.00	15.46	-0.25	14.98	0.24	2.71	92.45	-232.67	-161.16	20.94	-134.67
		1078	1.12	-0.78	-2.22	-1.84	-1.15	-0.63	17.01	-59.35	-45.14	2.80	-29.71
		1100	8.15	12.21	-0.84	2.61	8.75	5.75	-2.33	-503.03	-99.24	-406.11	-197.82
		1155	11.28	24.37	-8.91	14.15	1.31	15.35	197.28	-541.98	-126.15	-218.55	-366.73
885	32	1079	3.72	11.63	-0.18	11.27	0.18	2.04	69.40	-172.23	-118.54	15.71	-100.45
		1078	0.84	-0.58	-1.67	-1.39	-0.87	-0.48	12.74	-44.24	-33.65	2.15	-22.16
		1100	6.08	9.18	-0.63	1.97	6.59	4.33	-1.90	-375.27	-73.91	-303.25	-147.31
		1155	8.42	18.35	-6.70	10.66	0.99	11.56	147.85	-403.80	-92.55	-163.40	-273.54
885	37	1079	3.29	10.61	-0.16	10.28	0.17	1.86	62.75	-151.00	-102.41	14.17	-89.58
		1078	0.75	-0.53	-1.53	-1.27	-0.79	-0.44	11.45	-39.39	-29.97	2.03	-19.75
		1100	5.43	8.37	-0.57	1.80	6.01	3.94	-2.01	-334.76	-65.67	-271.10	-130.88
		1155	7.53	16.76	-6.12	9.73	0.91	10.55	133.21	-359.16	-79.47	-146.48	-243.89
886	8	1152	15.25	24.23	-12.70	-1.50	13.03	16.98	132.80	-866.14	104.89	-838.22	-164.63
		1101	14.26	26.14	-7.57	-0.34	18.91	13.84	65.57	-831.55	44.55	-810.53	-135.70
		1102	18.83	30.26	-5.47	-1.03	25.83	11.78	40.48	-1135.98	30.65	-1126.16	-107.06
		1150	19.02	22.51	-12.28	-3.35	13.59	15.19	78.52	-1157.83	64.98	-1144.30	-128.65
886	32	1152	11.39	18.26	-9.55	-1.12	9.83	12.78	100.27	-645.98	79.84	-625.55	-121.77
		1101	10.65	19.68	-5.69	-0.25	14.24	10.42	49.34	-620.47	33.92	-605.05	-100.45
		1102	14.07	22.80	-4.12	-0.77	19.46	8.88	30.43	-847.91	23.25	-840.73	-79.09
		1150	14.21	16.98	-9.24	-2.51	10.24	11.45	59.59	-863.87	49.72	-854.00	-94.99
886	37	1152	10.19	16.69	-8.69	-1.00	9.00	11.66	91.76	-576.07	74.31	-558.62	-106.53
		1101	9.53	17.98	-5.17	-0.21	13.02	9.50	44.85	-553.82	31.63	-540.60	-88.00
		1102	12.59	20.84	-3.74	-0.68	17.78	8.12	27.62	-757.46	21.53	-751.37	-68.91
		1150	12.71	15.54	-8.41	-2.25	9.38	10.47	55.09	-771.11	46.74	-762.76	-82.67
887	8	1127	23.15	3.91	-14.18	-7.39	-2.88	8.76	-35.59	-1558.43	-35.71	-1558.31	13.52
		1148	23.86	20.41	-6.69	-4.19	17.91	7.85	-0.88	-1523.93	-0.89	-1523.92	3.76
		1151	24.78	20.74	-4.71	-3.67	19.70	5.03	-18.77	-1590.09	-19.08	-1589.78	22.03
		1126	23.87	1.22	-11.50	-6.99	-3.30	6.09	-61.98	-1619.92	-62.59	-1619.31	30.79
887	32	1127	17.28	3.02	-10.69	-5.52	-2.15	6.65	-24.61	-1162.48	-24.71	-1162.38	10.88
		1148	17.82	15.42	-5.03	-3.13	13.51	5.95	-0.05	-1137.40	-0.06	-1137.39	3.43
		1151	18.51	15.68	-3.54	-2.74	14.88	3.85	-13.57	-1186.95	-13.81	-1186.71	16.77
		1126	17.82	1.01	-8.69	-5.22	-2.47	4.65	-44.48	-1208.51	-44.95	-1208.04	23.43
887	37	1127	15.45	2.90	-9.77	-4.94	-1.93	6.16	-18.48	-1037.37	-18.61	-1037.24	11.55
		1148	15.94	14.19	-4.58	-2.79	12.40	5.50	1.07	-1016.12	1.05	-1016.10	4.55
		1151	16.57	14.45	-3.22	-2.45	13.67	3.62	-11.33	-1060.79	-11.57	-1060.55	15.99
		1126	15.93	1.11	-7.99	-4.66	-2.22	4.38	-36.58	-1078.82	-37.05	-1078.35	22.16
888	8	1130	16.52	15.35	-17.45	-8.32	6.22	14.70	199.17	-949.79	198.46	-949.08	28.57

		1152	15.35	24.52	-12.55	-6.14	18.10	14.03	140.57	-867.03	140.25	-866.71	-17.90
		1150	19.09	22.60	-12.01	-7.39	17.98	11.77	82.66	-1159.28	79.87	-1156.48	58.86
		1129	19.39	10.97	-18.12	-10.12	2.97	12.99	87.52	-1224.79	81.60	-1218.88	87.90
888	32	1130	12.34	11.58	-13.12	-6.24	4.70	11.07	151.24	-707.92	150.62	-707.29	23.21
		1152	11.46	18.48	-9.44	-4.61	13.64	10.56	106.08	-646.64	105.89	-646.45	-12.08
		1150	14.25	17.04	-9.03	-5.54	13.56	8.88	62.69	-864.96	60.49	-862.76	45.11
		1129	14.48	8.30	-13.63	-7.59	2.25	9.80	67.65	-913.28	63.03	-908.66	67.17
888	37	1130	11.04	10.60	-11.92	-5.65	4.32	10.09	139.93	-630.57	139.15	-629.79	24.50
		1152	10.26	16.89	-8.58	-4.18	12.48	9.63	96.99	-576.66	96.89	-576.56	-8.21
		1150	12.75	15.60	-8.21	-5.02	12.41	8.12	57.86	-772.11	55.66	-769.90	42.73
		1129	12.95	7.64	-12.40	-6.85	2.09	8.97	64.72	-814.29	60.16	-809.72	63.19
889	8	1154	10.72	27.56	-2.50	1.34	23.73	-10.03	396.52	-385.56	-129.62	140.58	366.96
		1080	3.51	37.37	-0.54	0.23	36.60	-5.36	138.96	-47.68	6.13	85.14	84.55
		1079	4.97	17.40	0.38	0.90	16.89	-2.92	100.64	-225.00	4.78	-129.14	148.41
		1155	11.12	22.54	-9.19	3.25	10.10	-15.49	190.93	-541.35	-291.11	-59.30	347.31
889	32	1154	8.01	20.76	-1.89	1.01	17.86	-7.56	298.32	-286.43	-96.85	108.73	273.71
		1080	2.68	28.13	-0.40	0.18	27.55	-4.03	106.23	-34.08	4.64	67.51	62.72
		1079	3.70	13.09	0.28	0.67	12.71	-2.20	75.65	-166.63	3.67	-94.65	110.71
		1155	8.30	16.97	-6.91	2.46	7.61	-11.66	143.23	-403.42	-217.54	-42.65	258.96
889	37	1154	7.18	18.97	-1.73	0.93	16.31	-6.92	271.00	-253.20	-86.68	104.48	244.06
		1080	2.50	25.68	-0.35	0.18	25.15	-3.69	99.90	-27.67	4.26	67.97	55.26
		1079	3.28	11.94	0.25	0.60	11.59	-2.00	68.59	-146.22	3.47	-81.09	98.73
		1155	7.43	15.50	-6.29	2.26	6.96	-10.64	129.33	-359.03	-194.81	-34.90	230.72
890	8	1122	18.33	1.07	-9.40	-5.05	-3.28	-5.16	-28.92	-1234.10	-37.44	-1225.58	100.95
		1142	19.32	21.52	-3.69	-2.20	20.02	-5.95	1.99	-1212.78	-4.44	-1206.36	88.13
		1146	15.82	21.90	-4.32	-1.62	19.19	-7.97	33.60	-963.28	23.79	-953.46	98.42
		1121	14.96	3.86	-10.91	-4.08	-2.97	-7.36	20.33	-980.70	8.35	-968.72	108.85
890	32	1122	13.69	0.68	-6.90	-3.77	-2.45	-3.74	-20.53	-921.44	-26.73	-915.25	74.45
		1142	14.45	16.28	-2.70	-1.64	15.22	-4.36	1.35	-906.33	-3.29	-901.69	64.73
		1146	11.84	16.56	-3.14	-1.20	14.63	-5.86	24.63	-720.39	17.61	-713.37	71.99
		1121	11.17	2.76	-8.03	-3.04	-2.22	-5.38	15.84	-732.57	7.20	-723.93	79.95
890	37	1122	12.26	0.41	-5.98	-3.37	-2.20	-3.14	-16.67	-824.38	-21.99	-819.05	65.37
		1142	12.97	15.02	-2.31	-1.46	14.17	-3.75	0.83	-812.27	-3.10	-808.34	56.39
		1146	10.64	15.27	-2.65	-1.06	13.68	-5.08	21.03	-646.82	15.21	-640.99	62.10
		1121	10.01	2.26	-6.97	-2.71	-2.00	-4.60	15.06	-656.23	7.76	-648.94	69.60
891	22	1134	19.79	32.80	-2.07	-1.15	31.88	-5.59	1232.79	47.72	48.30	1232.21	-26.27
		1092	18.11	22.54	-0.65	-0.42	22.31	-2.30	1130.50	-1.73	-0.36	1129.12	-39.39
		971	20.29	14.12	-0.12	0.06	13.94	-1.59	1299.90	-13.28	-13.18	1299.80	11.47
		981	19.92	35.89	6.50	6.56	35.83	-1.32	1232.28	27.29	28.75	1230.82	-41.88
891	36	1134	14.81	24.91	-1.50	-0.85	24.25	-4.12	921.30	35.59	36.12	920.77	-21.80
		1092	13.56	17.55	-0.48	-0.32	17.38	-1.73	844.33	-1.24	-0.15	843.24	-30.33
		971	15.23	11.37	-0.05	0.07	11.26	-1.15	972.95	-9.99	-9.92	972.88	8.13
		981	14.93	27.18	4.87	4.92	27.14	-0.96	922.43	20.40	21.54	921.28	-32.10
891	37	1134	13.50	20.74	-1.69	-0.81	19.85	-4.37	847.37	32.00	32.03	847.34	-4.79
		1092	12.32	12.02	-0.46	-0.26	11.83	-1.55	780.01	-1.45	-0.84	779.40	-21.84
		971	13.64	5.49	-0.38	-0.07	5.18	-1.31	887.83	-8.65	-8.52	887.71	10.51
		981	13.51	22.86	4.36	4.44	22.79	-1.20	840.67	18.10	18.79	839.97	-23.90
892	8	1119	7.20	9.80	-11.40	-0.57	-1.03	-10.59	213.50	-301.01	178.70	-266.21	129.20
		1143	7.10	21.56	-5.16	0.14	16.26	-10.65	157.98	-291.84	115.76	-249.61	131.19
		1144	5.53	20.13	-4.17	1.47	14.49	-10.26	344.86	29.02	174.63	199.25	157.44
		1118	6.28	11.48	-9.43	2.74	-0.68	-10.31	418.54	94.25	318.96	193.84	149.59
892	32	1119	5.35	7.20	-8.39	-0.40	-0.78	-7.79	158.16	-225.32	133.39	-200.54	94.27
		1143	5.29	16.29	-3.69	0.12	12.47	-7.85	115.63	-218.91	85.75	-189.03	95.41
		1144	4.03	15.20	-2.91	1.13	11.16	-7.54	252.06	22.71	129.39	145.38	114.39
		1118	4.62	8.47	-6.93	2.08	-0.54	-7.59	308.63	70.89	237.31	142.21	108.95
892	37	1119	4.76	6.27	-7.30	-0.32	-0.71	-6.78	138.72	-203.53	118.45	-183.26	80.79
		1143	4.74	15.00	-3.02	0.15	11.83	-6.86	98.96	-198.60	74.97	-174.60	81.02
		1144	3.43	13.98	-2.26	1.07	10.65	-6.56	215.01	21.18	113.26	122.93	96.79
		1118	4.00	7.41	-6.02	1.92	-0.53	-6.60	268.43	62.94	209.63	121.73	92.87
893	8	1121	14.96	3.99	-11.01	-4.06	-2.96	-7.48	19.68	-981.12	7.17	-968.61	111.19
		1146	15.82	22.00	-4.39	-1.58	19.18	-8.14	33.43	-963.12	23.25	-952.93	100.24
		1145	11.47	21.61	-5.01	-0.78	17.38	-9.73	82.23	-646.23	63.35	-627.35	115.75
		1120	11.00	6.75	-11.81	-2.56	-2.50	-9.28	97.17	-665.77	77.58	-646.17	120.68
893	32	1121	11.18	2.86	-8.11	-3.03	-2.22	-5.47	15.36	-732.89	6.33	-723.86	81.71
		1146	11.84	16.64	-3.19	-1.17	14.62	-5.99	24.51	-720.27	17.21	-712.97	73.35
		1145	8.59	16.33	-3.62	-0.58	13.29	-7.17	60.38	-483.89	46.95	-470.46	84.45
		1120	8.22	4.92	-8.70	-1.90	-1.88	-6.81	72.56	-497.69	58.52	-483.64	88.38
893	37	1121	10.01	2.36	-7.05	-2.70	-1.99	-4.69	14.64	-656.52	7.00	-648.88	71.20
		1146	10.64	15.34	-2.70	-1.04	13.69	-5.21	20.93	-646.70	14.87	-640.64	63.31
		1145	7.73	15.04	-3.01	-0.50	12.52	-6.25	51.94	-435.95	40.97	-424.98	72.33
		1120	7.36	4.19	-7.58	-1.69	-1.70	-5.89	64.51	-446.87	52.83	-435.19	76.41
894	22	1111	11.50	41.48	-1.04	-0.33	40.77	-5.46	26.41	-614.71	25.67	-613.97	21.78
		1072	12.22	61.99	0.14	0.15	61.98	-0.73	2.28	-607.41	2.04	-607.17	-12.28
		1094	6.37	55.49	0.10	0.10	55.49	-0.63	0.33	-239.83	0.28	-239.78	-3.31
		1112	6.08	38.18	-1.07	-0.11	37.22	-6.07	44.39	-252.08	38.22	-245.92	42.30
894	36	1111	8.64	31.33	-0.77	-0.25	30.80	-4.07	19.52	-461.35	19.02	-460.85	15.50
		1072	9.19	46.82	0.11	0.11	46.81	-0.55	1.75	-456.05	1.55	-455.86	-9.47

		1094	4.82	41.99	0.07	0.08	41.98	-0.47	0.29	-181.19	0.25	-181.14	-2.83
		1112	4.58	28.87	-0.78	-0.08	28.17	-4.52	32.65	-189.91	28.37	-185.62	30.58
894	37	1111	7.78	27.45	-0.79	-0.23	26.90	-3.93	19.27	-417.02	18.15	-415.89	22.13
		1072	8.22	40.98	0.10	0.11	40.97	-0.50	1.32	-410.79	1.24	-410.71	-5.80
		1094	4.19	36.30	0.07	0.08	36.30	-0.42	0.01	-158.53	9.25e-03	-158.52	0.58
		1112	4.11	25.07	-0.85	-0.09	24.32	-4.37	33.90	-170.34	26.78	-163.22	37.46
895	8	1133	10.96	26.15	-8.23	-7.61	25.54	4.55	361.61	-418.41	242.43	-299.24	280.64
		1154	9.65	28.54	-4.40	-2.17	26.31	8.28	355.99	-336.39	286.23	-266.64	208.40
		1155	9.96	22.86	-6.88	-6.85	22.83	-0.96	130.66	-508.54	71.37	-449.25	185.43
		1137	12.37	24.54	-11.18	-11.18	24.54	-0.08	217.94	-615.51	79.35	-476.91	310.33
895	32	1133	8.19	19.70	-6.18	-5.73	19.25	3.41	272.42	-310.99	181.78	-220.34	211.34
		1154	7.21	21.50	-3.31	-1.63	19.82	6.23	267.98	-249.65	214.66	-196.34	157.34
		1155	7.44	17.21	-5.18	-5.15	17.19	-0.72	98.22	-378.91	53.39	-334.08	139.21
		1137	9.24	18.49	-8.41	-8.41	18.48	-0.06	164.22	-458.60	59.50	-353.89	232.92
895	37	1133	7.35	18.01	-5.62	-5.21	17.59	3.09	248.17	-275.25	163.90	-190.98	192.38
		1154	6.46	19.64	-3.00	-1.48	18.12	5.67	243.74	-220.21	193.66	-170.12	143.98
		1155	6.65	15.72	-4.71	-4.69	15.70	-0.65	89.09	-337.09	47.91	-295.92	125.91
		1137	8.28	16.89	-7.66	-7.66	16.89	-0.06	149.66	-408.05	53.62	-312.02	210.56
896	8	1061	21.79	13.48	-35.49	2.27	-24.28	-20.57	1506.83	1280.55	1292.01	1495.38	-49.62
		1116	18.38	38.86	-2.13	36.73	3.06e-03	9.11	1383.08	707.08	748.64	1341.51	162.39
		1135	25.48	2.97	-75.11	-33.25	-38.88	-38.94	1796.26	857.58	862.74	1791.10	69.38
		1091	35.72	53.86	-3.39	20.88	29.60	28.29	2527.71	2023.99	2162.49	2389.22	-224.91
896	32	1061	16.22	9.97	-26.74	1.74	-18.51	-15.31	1122.07	950.37	959.93	1112.51	-39.36
		1116	13.63	29.03	-1.75	27.42	-0.14	6.86	1026.21	526.34	555.56	996.99	117.26
		1135	18.95	2.04	-56.05	-24.74	-29.27	-28.96	1335.64	636.66	639.91	1332.39	47.50
		1091	26.54	39.69	-2.68	15.44	21.58	20.96	1881.72	1499.72	1603.81	1777.64	-170.08
896	37	1061	14.38	8.77	-24.38	1.64	-17.26	-13.62	996.19	836.71	846.69	986.21	-38.63
		1116	12.00	25.93	-1.81	24.49	-0.37	6.16	904.75	465.47	488.48	881.75	97.85
		1135	16.78	1.58	-49.98	-21.86	-26.54	-25.67	1182.96	559.98	561.92	1181.02	34.70
		1091	23.44	34.44	-2.61	13.56	18.27	18.38	1669.04	1316.47	1409.15	1576.36	-155.19
897	8	1103	22.13	34.82	-3.01	-1.14	32.95	8.19	18.77	-1350.23	16.42	-1347.87	-56.71
		1076	22.81	54.16	0.28	0.28	54.16	0.25	4.21	-1338.81	4.05	-1338.66	-14.50
		1098	25.38	61.85	0.22	0.22	61.85	0.20	4.51	-1484.16	4.49	-1484.13	-6.22
		1104	24.45	39.33	-1.77	-0.93	38.50	5.80	6.19	-1495.03	5.06	-1493.90	-41.20
897	32	1103	16.53	26.24	-2.26	-0.85	24.83	6.18	14.09	-1008.03	12.40	-1006.34	-41.50
		1076	17.05	40.78	0.21	0.21	40.78	0.19	3.15	-999.72	3.04	-999.61	-10.57
		1098	18.98	46.59	0.17	0.17	46.59	0.15	3.39	-1108.37	3.38	-1108.36	-4.40
		1104	18.27	29.66	-1.33	-0.70	29.02	4.40	4.62	-1116.31	3.80	-1115.49	-30.18
897	37	1103	14.80	24.01	-2.06	-0.76	22.71	5.67	12.74	-900.93	11.39	-899.57	-35.19
		1076	15.29	37.24	0.19	0.19	37.24	0.17	2.82	-893.89	2.73	-893.80	-8.84
		1098	17.02	42.58	0.16	0.16	42.58	0.14	3.07	-991.35	3.05	-991.34	-3.35
		1104	16.36	27.16	-1.22	-0.62	26.56	4.07	4.12	-998.11	3.47	-997.46	-25.51
898	8	1105	25.68	42.55	-1.12	-0.92	42.35	2.97	-1.43	-1569.53	-1.44	-1569.52	-4.21
		1075	26.82	67.15	0.22	0.24	67.13	-1.00	4.88	-1561.92	4.77	-1561.82	12.83
		1097	27.11	70.19	0.20	0.22	70.18	-1.04	5.24	-1571.23	5.06	-1571.04	17.14
		1106	25.84	44.30	-0.86	-0.83	44.27	1.26	-5.26	-1576.63	-5.26	-1576.63	-0.24
898	32	1105	19.19	32.11	-0.85	-0.69	31.95	2.28	-1.12	-1172.11	-1.13	-1172.11	-2.82
		1075	20.05	50.62	0.17	0.18	50.61	-0.76	3.67	-1166.62	3.59	-1166.54	9.66
		1097	20.28	52.96	0.15	0.17	52.95	-0.78	3.95	-1173.80	3.81	-1173.66	12.84
		1106	19.32	33.46	-0.65	-0.62	33.43	1.00	-4.03	-1177.65	-4.03	-1177.65	-0.22
898	37	1105	17.20	29.44	-0.77	-0.61	29.29	2.14	-1.11	-1048.40	-1.11	-1048.40	-1.48
		1075	17.99	46.33	0.15	0.17	46.32	-0.70	3.33	-1043.83	3.25	-1043.75	8.96
		1097	18.21	48.55	0.14	0.15	48.54	-0.72	3.60	-1050.77	3.47	-1050.64	11.73
		1106	17.33	30.73	-0.58	-0.55	30.70	1.00	-3.81	-1053.86	-3.81	-1053.86	0.22
899	8	1062	5.15	6.58	-18.65	3.25	-15.32	-8.54	384.31	187.15	380.42	191.04	27.42
		1118	6.49	12.15	-9.49	3.09	-0.43	-10.68	431.13	91.80	330.41	192.51	155.02
		1117	11.01	12.12	-6.85	6.98	-1.71	-8.43	823.75	422.47	519.58	726.63	171.87
		1090	11.50	12.48	-14.50	10.10	-12.12	-7.65	773.41	740.30	741.04	772.67	-4.91
899	32	1062	3.86	4.83	-14.17	2.45	-11.79	-6.28	287.08	138.68	284.70	141.07	18.66
		1118	4.77	8.98	-6.98	2.35	-0.35	-7.86	318.06	68.98	245.80	141.25	113.04
		1117	8.14	8.98	-5.06	5.27	-1.35	-6.20	609.19	315.89	385.91	539.16	125.04
		1090	8.56	9.27	-11.14	7.57	-9.43	-5.65	575.71	550.57	551.92	574.36	-5.67
899	37	1062	3.47	4.17	-13.18	2.24	-11.25	-5.46	255.97	120.92	254.49	122.41	14.09
		1118	4.14	7.90	-6.07	2.18	-0.35	-6.87	276.92	61.07	217.08	120.92	96.62
		1117	7.13	7.95	-4.46	4.81	-1.33	-5.39	533.27	281.54	339.89	474.93	106.22
		1090	7.60	8.22	-10.58	6.80	-9.16	-4.97	510.81	486.15	489.07	507.89	-7.96
900	8	1087	21.96	-8.32	-25.77	-8.48	-25.60	-1.68	-124.50	-1449.52	-125.71	-1448.31	40.09
		1123	20.99	-1.41	-7.24	-5.78	-2.87	-2.53	-56.52	-1426.35	-58.46	-1424.40	51.62
		1122	18.37	1.06	-9.25	-5.32	-2.87	-5.01	-27.66	-1235.83	-31.30	-1232.19	66.20
		1064	19.24	-6.97	-25.38	-7.77	-24.59	-3.74	-95.32	-1257.97	-97.05	-1256.25	44.73
900	32	1087	16.41	-6.22	-19.46	-6.32	-19.36	-1.15	-89.62	-1081.15	-90.49	-1080.27	29.45
		1123	15.68	-1.15	-5.30	-4.30	-2.15	-1.78	-40.90	-1064.67	-42.31	-1063.26	37.92
		1122	13.72	0.67	-6.79	-3.96	-2.16	-3.62	-19.60	-922.72	-22.21	-920.12	48.44
		1064	14.38	-5.24	-19.16	-5.78	-18.62	-2.69	-68.06	-938.46	-69.29	-937.24	32.62
900	37	1087	14.71	-5.57	-17.87	-5.63	-17.81	-0.84	-74.39	-965.03	-75.14	-964.27	25.94
		1123	14.03	-1.19	-4.56	-3.82	-1.93	-1.40	-34.39	-951.74	-35.60	-950.54	33.26
		1122	12.28	0.39	-5.87	-3.52	-1.96	-3.03	-15.86	-825.50	-18.05	-823.32	42.03

		1064	12.91	-4.75	-17.59	-5.15	-17.19	-2.23	-55.59	-838.18	-56.61	-837.16	28.30
901	22	1145	11.27	22.35	-4.16	-1.38	19.56	-8.13	71.03	-637.41	63.52	-629.90	72.56
		1111	11.56	41.59	-0.99	-0.13	40.74	-5.98	29.51	-616.51	27.61	-614.61	34.98
		1112	6.19	38.30	-0.98	0.13	37.19	-6.50	49.62	-255.72	40.33	-246.42	52.45
		1143	6.76	22.02	-3.90	-0.31	18.44	-8.94	133.20	-288.75	109.51	-265.05	97.14
901	36	1145	8.45	16.83	-3.07	-1.03	14.79	-6.05	52.75	-477.96	47.27	-472.48	53.65
		1111	8.68	31.41	-0.72	-0.09	30.78	-4.46	21.80	-462.65	20.45	-461.31	25.51
		1112	4.66	28.96	-0.71	0.10	28.14	-4.85	36.54	-192.61	29.92	-185.99	38.36
		1143	5.07	16.59	-2.86	-0.23	13.95	-6.66	98.82	-216.92	81.54	-199.64	71.82
901	37	1145	7.70	15.04	-3.11	-0.97	12.89	-5.86	49.92	-434.89	43.37	-428.34	55.98
		1111	7.83	27.54	-0.74	-0.08	26.87	-4.28	21.56	-418.39	19.49	-416.33	30.05
		1112	4.18	25.16	-0.78	0.09	24.30	-4.66	37.42	-172.77	28.20	-163.55	43.04
		1143	4.68	14.82	-3.02	-0.26	12.07	-6.45	95.10	-197.82	75.10	-177.82	73.89
902	8	1067	22.43	-4.03	-26.89	-9.93	-20.99	10.00	-58.68	-1465.56	-59.52	-1464.72	34.44
		1128	21.70	7.40	-16.11	-7.65	-1.05	11.28	14.51	-1428.01	14.51	-1428.01	-0.82
		1127	23.18	3.94	-14.12	-7.46	-2.72	8.71	-35.58	-1560.32	-35.97	-1559.93	24.35
		1085	24.07	-6.05	-27.08	-9.98	-23.15	8.19	-106.36	-1589.58	-107.67	-1588.28	43.92
902	32	1067	16.75	-2.96	-20.24	-7.42	-15.79	7.56	-39.73	-1092.29	-40.42	-1091.60	26.99
		1128	16.20	5.63	-12.12	-5.72	-0.77	8.52	12.91	-1065.04	12.91	-1065.04	0.54
		1127	17.30	3.05	-10.65	-5.57	-2.03	6.61	-24.61	-1163.88	-24.93	-1163.56	18.99
		1085	17.97	-4.47	-20.40	-7.45	-17.43	6.21	-75.50	-1184.93	-76.53	-1183.91	33.73
902	37	1067	14.99	-2.55	-18.48	-6.64	-14.39	6.95	-28.22	-973.09	-28.98	-972.33	26.83
		1128	14.48	5.24	-11.02	-5.12	-0.67	7.82	15.31	-950.07	15.30	-950.06	2.95
		1127	15.47	2.93	-9.73	-4.98	-1.82	6.13	-18.51	-1038.60	-18.86	-1038.25	18.86
		1085	16.08	-3.90	-18.64	-6.65	-15.89	5.74	-60.55	-1056.04	-61.60	-1055.00	32.25
903	22	1110	16.29	45.26	-0.83	-0.47	44.90	-4.05	11.98	-929.53	11.98	-929.53	-0.23
		1095	17.22	67.35	0.15	0.15	67.34	-0.49	3.48	-922.24	3.22	-921.99	-15.24
		1072	12.23	61.98	0.13	0.13	61.97	-0.47	1.62	-608.15	1.52	-608.04	-7.95
		1111	11.50	41.37	-1.03	-0.38	40.72	-5.21	26.15	-615.36	25.69	-614.90	17.19
903	36	1110	12.22	34.14	-0.62	-0.35	33.88	-3.01	8.82	-696.81	8.82	-696.80	-0.72
		1095	12.93	50.80	0.11	0.12	50.80	-0.37	2.63	-691.44	2.44	-691.25	-11.59
		1072	9.20	46.81	0.10	0.10	46.81	-0.36	1.24	-456.59	1.16	-456.51	-6.21
		1111	8.64	31.24	-0.76	-0.28	30.77	-3.87	19.33	-461.84	19.03	-461.54	12.05
903	37	1110	11.06	30.12	-0.61	-0.32	29.83	-2.94	8.77	-632.58	8.71	-632.53	5.81
		1095	11.66	44.84	0.11	0.11	44.83	-0.34	2.20	-627.04	2.09	-626.93	-8.34
		1072	8.22	40.96	0.09	0.10	40.96	-0.32	0.97	-411.37	0.95	-411.35	-3.03
		1111	7.78	27.37	-0.78	-0.27	26.86	-3.75	18.99	-417.38	18.15	-416.54	19.08
904	8	1088	15.66	-4.78	-24.88	-6.66	-23.00	-5.86	-46.67	-1002.60	-48.91	-1000.36	46.19
		1121	15.02	4.19	-10.93	-4.51	-2.22	-7.47	21.17	-983.34	14.48	-976.65	81.70
		1120	11.08	6.84	-11.73	-3.16	-1.73	-9.25	100.42	-668.34	87.07	-655.00	100.40
		1063	11.36	-1.93	-23.62	-4.76	-20.79	-7.31	37.09	-680.50	34.30	-677.71	44.60
904	32	1088	11.72	-3.64	-18.78	-4.96	-17.46	-4.27	-32.07	-748.17	-33.63	-746.61	33.39
		1121	11.22	3.02	-8.05	-3.36	-1.67	-5.47	16.45	-734.52	11.69	-729.75	59.63
		1120	8.28	4.98	-8.64	-2.34	-1.31	-6.79	74.95	-499.59	65.47	-490.11	73.20
		1063	8.52	-1.53	-17.84	-3.53	-15.84	-5.35	29.95	-508.12	28.05	-506.21	31.95
904	37	1088	10.55	-3.38	-17.23	-4.41	-16.21	-3.63	-24.08	-668.86	-25.33	-667.60	28.43
		1121	10.05	2.52	-7.00	-2.97	-1.51	-4.70	15.59	-657.95	11.65	-654.01	51.34
		1120	7.41	4.25	-7.52	-2.06	-1.21	-5.87	66.60	-448.53	58.84	-440.77	62.76
		1063	7.69	-1.52	-16.39	-3.13	-14.78	-4.62	30.32	-455.15	28.85	-453.67	26.73
905	8	1083	14.46	7.79	-20.43	-3.00	-9.65	13.71	400.90	-660.56	396.23	-655.89	70.25
		1131	14.02	18.57	-15.02	-2.30	5.85	16.29	344.18	-670.58	339.68	-666.09	-67.38
		1130	16.59	15.11	-17.33	-6.83	4.61	15.18	209.04	-948.94	208.27	-948.18	-29.81
		1068	17.13	2.43	-24.29	-8.22	-13.65	13.08	162.72	-1012.02	158.53	-1007.83	70.04
905	32	1083	10.84	5.87	-15.35	-2.23	-7.25	10.31	304.58	-491.58	300.75	-487.75	55.10
		1131	10.48	13.99	-11.28	-1.72	4.43	12.25	259.95	-499.25	256.89	-496.19	-48.10
		1130	12.40	11.39	-13.03	-5.12	3.49	11.43	158.58	-707.27	158.10	-706.79	-20.38
		1068	12.81	1.86	-18.26	-6.14	-10.25	9.85	126.15	-753.80	122.76	-750.41	54.51
905	37	1083	9.78	5.37	-13.96	-1.98	-6.61	9.38	282.01	-436.54	277.86	-432.39	54.46
		1131	9.39	12.77	-10.22	-1.53	4.09	11.15	237.99	-443.62	235.78	-441.42	-38.69
		1130	11.09	10.43	-11.84	-4.62	3.21	10.43	146.43	-629.97	146.16	-629.70	-14.46
		1068	11.50	1.75	-16.60	-5.52	-9.33	8.97	121.28	-670.64	117.70	-667.06	53.12
906	8	1107	24.98	45.12	-0.74	-0.73	45.11	-0.62	-5.39	-1516.22	-5.41	-1516.20	5.05
		1074	26.29	71.35	0.21	0.23	71.33	-1.17	5.22	-1512.29	5.18	-1512.25	7.89
		1096	24.34	70.48	0.19	0.21	70.47	-1.14	4.97	-1385.48	4.90	-1385.40	10.16
		1108	23.08	44.87	-0.76	-0.65	44.76	-2.15	-1.87	-1389.31	-1.90	-1389.27	6.86
906	32	1107	18.68	34.11	-0.55	-0.54	34.10	-0.41	-4.17	-1132.83	-4.18	-1132.82	3.38
		1074	19.67	53.89	0.16	0.17	53.88	-0.89	3.94	-1130.09	3.91	-1130.06	5.74
		1096	18.23	53.31	0.15	0.16	53.30	-0.86	3.76	-1035.78	3.71	-1035.73	7.36
		1108	17.27	33.96	-0.56	-0.49	33.89	-1.55	-1.59	-1038.43	-1.61	-1038.41	4.29
906	37	1107	16.77	31.40	-0.49	-0.48	31.40	-0.26	-4.02	-1014.41	-4.03	-1014.41	2.82
		1074	17.68	49.53	0.15	0.16	49.51	-0.82	3.60	-1012.33	3.57	-1012.30	5.04
		1096	16.41	49.13	0.13	0.15	49.12	-0.78	3.45	-928.79	3.41	-928.74	6.36
		1108	15.52	31.35	-0.49	-0.44	31.30	-1.28	-1.82	-930.78	-1.83	-930.77	2.83
907	21	1112	5.99	38.54	-0.90	-0.01	37.66	-5.84	39.43	-247.89	35.22	-243.68	34.55
		1094	6.38	56.13	0.08	0.10	56.12	-0.94	1.20	-238.65	0.70	-238.15	-10.94
		1071	4.70	49.61	0.03	0.04	49.59	-0.83	147.12	-2.09	-1.96	146.98	-4.43
		1113	3.77	34.81	-0.78	0.22	33.80	-5.90	173.79	24.78	46.37	152.20	52.45

907	35	1112	4.52	29.12	-0.67	-9.11e-03	28.46	-4.39	29.48	-187.10	26.37	-183.99	25.76
		1094	4.82	42.42	0.06	0.07	42.40	-0.71	0.92	-180.26	0.54	-179.88	-8.30
		1071	3.53	37.51	0.02	0.03	37.50	-0.63	109.77	-1.56	-1.45	109.67	-3.44
		1113	2.83	26.31	-0.58	0.17	25.55	-4.43	129.72	18.64	34.73	113.63	39.10
907	37	1112	4.12	25.12	-0.86	-0.03	24.30	-4.55	34.84	-170.01	26.65	-161.81	40.15
		1094	4.17	36.31	0.07	0.08	36.30	-0.65	0.18	-157.01	0.15	-156.98	-2.33
		1071	3.37	31.12	0.03	0.04	31.11	-0.57	120.11	-1.89	-1.82	120.03	3.05
		1113	2.88	22.27	-0.89	0.11	21.27	-4.70	149.96	7.70	34.72	122.94	55.80
908	8	1116	17.80	0.65	-1.14	-0.32	-0.17	-0.89	1367.76	647.01	681.73	1333.04	154.33
		1138	16.67	16.07	1.86	3.11	14.82	-4.02	1172.54	244.89	261.33	1156.10	122.39
		1132	22.21	39.44	3.47	3.47	39.44	-0.14	1460.44	243.80	244.50	1459.74	29.25
		1135	24.99	40.44	-29.45	36.45	-25.46	16.21	1829.02	926.14	926.24	1828.92	9.41
908	32	1116	13.21	0.37	-0.79	-0.16	-0.26	-0.58	1014.93	481.74	506.05	990.62	111.21
		1138	12.38	12.19	1.54	2.37	11.36	-2.85	869.56	182.65	193.90	858.31	87.17
		1132	16.53	29.65	2.59	2.59	29.65	0.05	1085.74	181.52	181.86	1085.39	17.67
		1135	18.61	30.12	-22.24	27.13	-19.25	12.15	1360.32	687.28	687.29	1360.31	2.85
908	37	1116	11.66	0.26	-0.71	0.02	-0.47	-0.42	894.91	426.22	445.17	875.97	92.31
		1138	10.94	11.34	1.61	2.21	10.75	-2.33	765.64	161.92	170.22	757.33	70.31
		1132	14.66	26.89	2.35	2.35	26.89	0.29	961.17	160.42	160.51	961.08	8.17
		1135	16.53	26.76	-20.27	24.09	-17.60	10.88	1205.37	604.14	604.18	1205.33	-5.01
909	8	1101	14.22	25.91	-8.26	2.21	15.45	15.75	67.02	-828.40	12.04	-773.42	-214.94
		1077	14.35	29.65	0.13	0.73	29.04	4.18	2.97	-856.71	-14.91	-838.83	-122.68
		1099	19.07	43.41	0.33	1.01	42.73	5.38	1.90	-1126.19	-15.79	-1108.50	-140.16
		1102	18.83	30.19	-5.59	1.41	23.20	14.19	40.54	-1135.71	-0.10	-1095.06	-214.84
909	32	1101	10.62	19.52	-6.21	1.67	11.64	11.86	50.34	-618.04	9.81	-577.50	-159.53
		1077	10.72	22.31	0.10	0.55	21.86	3.14	2.18	-639.55	-11.08	-626.30	-91.28
		1099	14.25	32.68	0.25	0.76	32.17	4.05	1.40	-840.84	-11.71	-827.72	-104.27
		1102	14.06	22.75	-4.21	1.07	17.47	10.69	30.45	-847.70	0.46	-817.71	-159.49
909	37	1101	9.50	17.83	-5.66	1.53	10.64	10.82	45.60	-551.48	10.41	-516.29	-140.62
		1077	9.60	20.35	0.10	0.51	19.94	2.86	1.86	-571.42	-9.79	-559.77	-80.88
		1099	12.77	29.82	0.23	0.70	29.35	3.70	1.22	-751.56	-10.30	-740.04	-92.41
		1102	12.58	20.80	-3.84	0.99	15.97	9.78	27.57	-757.23	1.53	-731.19	-140.58
910	22	1143	6.78	22.17	-3.98	-0.41	18.60	-8.98	133.95	-288.39	111.12	-265.57	95.50
		1112	6.16	38.32	-0.99	0.08	37.25	-6.39	49.98	-253.91	41.26	-245.18	50.75
		1113	4.08	34.34	-0.96	0.27	33.11	-6.47	203.97	18.15	52.17	169.95	71.86
		1144	4.56	20.79	-2.79	0.98	17.02	-8.65	292.29	41.23	167.49	166.02	125.53
910	36	1143	5.08	16.70	-2.93	-0.30	14.07	-6.69	99.38	-216.66	82.74	-200.02	70.58
		1112	4.64	28.97	-0.72	0.06	28.19	-4.76	36.80	-191.25	30.61	-185.06	37.07
		1113	3.04	26.00	-0.69	0.21	25.10	-4.82	150.25	13.89	38.73	125.41	52.63
		1144	3.38	15.66	-2.03	0.75	12.89	-6.43	216.55	30.96	124.76	122.75	92.79
910	37	1143	4.69	14.94	-3.09	-0.33	12.18	-6.49	95.64	-197.60	76.30	-178.26	72.78
		1112	4.17	25.19	-0.79	0.05	24.35	-4.60	37.71	-171.57	28.95	-162.80	41.92
		1113	2.88	22.36	-0.83	0.16	21.36	-4.71	150.78	7.63	36.39	122.03	57.35
		1144	3.36	14.03	-2.37	0.58	11.07	-6.31	211.04	22.03	115.08	117.99	94.49
911	22	62	28.46	35.93	-3.94	35.93	-3.94	-0.35	1924.23	311.18	1785.72	449.70	451.93
		1081	13.18	52.85	8.08	52.83	8.10	0.94	579.91	-256.73	528.96	-205.79	-200.06
		1153	12.02	28.32	-3.40	25.00	-0.07	9.72	664.68	-186.15	527.54	-49.01	-312.85
		1082	18.80	41.18	-3.77	40.81	-3.40	-4.05	1253.70	359.21	1233.39	379.51	-133.24
911	36	62	21.37	27.05	-2.99	27.05	-2.99	-0.24	1444.78	233.24	1341.44	336.59	338.42
		1081	9.91	39.76	6.11	39.75	6.13	0.69	436.88	-191.88	399.01	-154.01	-149.59
		1153	9.02	21.30	-2.55	18.80	-0.05	7.31	499.51	-138.93	397.35	-36.77	-234.07
		1082	14.13	30.95	-2.81	30.67	-2.53	-3.06	942.18	269.01	927.13	284.06	-99.53
911	37	62	19.14	24.23	-2.57	24.22	-2.56	-0.33	1295.23	211.29	1198.18	308.33	309.47
		1081	8.80	35.77	5.27	35.76	5.28	0.71	382.17	-177.33	345.97	-141.13	-137.63
		1153	8.06	19.17	-2.32	16.93	-0.08	6.57	444.26	-128.59	348.62	-32.95	-213.64
		1082	12.56	27.94	-2.68	27.69	-2.43	-2.73	837.37	245.44	823.03	259.78	-91.02
912	8	1128	21.66	7.40	-16.32	-7.72	-1.19	11.40	12.19	-1426.73	12.19	-1426.73	-1.40
		1149	22.01	21.10	-9.24	-4.77	16.63	10.75	31.43	-1385.08	31.27	-1384.93	-14.82
		1148	23.86	20.36	-6.81	-4.31	17.87	7.84	-0.82	-1524.07	-0.93	-1523.96	13.17
		1127	23.15	4.01	-14.32	-7.53	-2.78	8.85	-36.10	-1558.53	-36.44	-1558.20	22.52
912	32	1128	16.17	5.63	-12.28	-5.77	-0.88	8.62	11.20	-1064.10	11.20	-1064.10	0.08
		1149	16.44	15.92	-6.95	-3.57	12.54	8.12	24.24	-1033.62	24.15	-1033.52	-10.18
		1148	17.82	15.39	-5.12	-3.22	13.49	5.95	-1.36e-03	-1137.50	-0.10	-1137.40	10.46
		1127	17.28	3.10	-10.80	-5.62	-2.08	6.72	-24.99	-1162.55	-25.27	-1162.28	17.60
912	37	1128	14.45	5.24	-11.19	-5.18	-0.77	7.91	13.81	-949.26	13.81	-949.26	2.49
		1149	14.70	14.61	-6.31	-3.20	11.50	7.45	23.12	-923.08	23.07	-923.02	-7.15
		1148	15.94	14.15	-4.67	-2.88	12.37	5.51	1.11	-1016.21	1.00	-1016.10	10.86
		1127	15.45	2.97	-9.87	-5.03	-1.86	6.22	-18.83	-1037.43	-19.13	-1037.13	17.55
913	8	1131	13.93	18.73	-15.20	-5.12	8.64	15.51	335.40	-670.97	334.98	-670.55	20.60
		1137	12.32	24.83	-10.84	-3.27	17.25	14.58	219.58	-609.15	215.62	-605.19	-57.15
		1152	15.29	24.52	-12.81	-7.42	19.13	13.12	138.27	-863.95	137.92	-863.60	18.89
		1130	16.50	15.31	-17.68	-9.52	7.16	14.23	198.85	-948.99	194.52	-944.67	70.32
913	32	1131	10.41	14.11	-11.42	-3.84	6.53	11.67	253.42	-499.58	253.00	-499.17	17.66
		1137	9.20	18.70	-8.15	-2.45	13.01	10.98	165.45	-453.83	162.70	-451.08	-41.19
		1152	11.42	18.48	-9.64	-5.58	14.42	9.88	104.35	-644.37	104.03	-644.05	15.41
		1130	12.33	11.55	-13.29	-7.15	5.41	10.72	151.00	-707.32	147.54	-703.86	54.41
913	37	1131	9.33	12.89	-10.37	-3.48	6.00	10.62	232.17	-443.97	231.56	-443.37	20.24

		1137	8.24	17.09	-7.41	-2.22	11.91	10.01	150.77	-403.74	148.69	-401.66	-33.89
		1152	10.22	16.89	-8.76	-5.06	13.19	9.02	95.41	-574.67	95.01	-574.27	16.39
		1130	11.03	10.57	-12.09	-6.48	4.97	9.78	139.71	-630.04	136.12	-626.45	52.42
914	8	1140	21.99	20.75	-3.23	-2.84	20.35	-3.06	-19.29	-1401.88	-21.48	-1399.69	54.89
		1108	23.10	45.08	-0.70	-0.50	44.88	-3.02	-0.96	-1389.06	-1.83	-1388.19	34.78
		1109	20.19	43.82	-0.83	-0.38	43.37	-4.45	6.90	-1196.18	5.57	-1194.85	39.92
		1142	19.29	21.22	-3.68	-2.48	20.01	-5.35	0.25	-1212.40	-3.27	-1208.88	65.28
914	32	1140	16.44	15.70	-2.39	-2.12	15.43	-2.19	-14.33	-1047.17	-15.90	-1045.59	40.28
		1108	17.28	34.12	-0.52	-0.37	33.98	-2.21	-0.97	-1038.19	-1.59	-1037.58	25.28
		1109	15.12	33.22	-0.60	-0.28	32.90	-3.28	4.81	-894.58	3.89	-893.67	28.73
		1142	14.43	16.05	-2.70	-1.85	15.20	-3.90	0.06	-906.05	-2.45	-903.54	47.64
914	37	1140	14.74	14.50	-2.09	-1.89	14.30	-1.79	-12.75	-937.44	-14.10	-936.10	35.20
		1108	15.53	31.50	-0.44	-0.33	31.39	-1.89	-1.37	-930.47	-1.88	-929.96	21.78
		1109	13.61	30.77	-0.50	-0.24	30.51	-2.85	3.63	-802.94	2.91	-802.21	24.16
		1142	12.95	14.81	-2.32	-1.65	14.14	-3.31	-0.30	-812.04	-2.39	-809.96	41.06
915	8	1138	16.69	19.97	0.69	2.46	18.20	-5.58	1164.67	236.37	271.01	1130.03	175.95
		1115	16.44	24.80	-2.47	-1.05	23.38	-6.06	1039.69	35.60	45.43	1029.85	98.90
		1134	20.21	29.37	-1.46	0.07	27.85	-6.69	1269.61	26.79	28.49	1267.91	45.91
		1132	21.31	21.92	4.26	5.09	21.10	3.73	1474.65	284.20	289.30	1469.55	77.74
915	32	1138	12.39	15.08	0.70	1.91	13.87	-4.00	863.71	176.38	200.69	839.39	126.97
		1115	12.24	19.25	-1.71	-0.76	18.30	-4.36	771.06	26.81	33.41	764.46	69.78
		1134	15.08	22.71	-0.94	0.08	21.68	-4.81	944.32	20.19	21.19	943.32	30.31
		1132	15.86	16.65	3.11	3.79	15.97	2.96	1096.50	211.28	214.56	1093.22	53.79
915	37	1138	10.95	13.88	0.93	1.84	12.97	-3.31	760.45	156.51	175.55	741.41	105.53
		1115	10.88	18.66	-1.30	-0.62	17.98	-3.62	678.86	24.04	28.69	674.21	54.99
		1134	13.46	21.82	-0.60	0.13	21.08	-3.99	836.83	18.12	18.60	836.34	19.87
		1132	14.08	15.43	2.68	3.38	14.72	2.91	971.07	186.21	188.28	968.99	40.33
916	8	1139	10.44	18.24	-1.99	1.82	14.43	-7.91	744.81	171.19	238.14	677.86	184.18
		1114	10.78	27.63	-2.07	-0.26	25.82	-7.10	663.63	36.47	57.58	642.53	113.09
		1115	16.31	25.98	-1.90	-0.09	24.16	-6.88	1030.12	35.29	44.32	1021.09	94.35
		1138	16.48	18.41	0.80	1.88	17.33	-4.23	1151.78	240.55	271.42	1120.91	164.83
916	32	1139	7.72	13.77	-1.27	1.41	11.09	-5.76	550.01	128.52	176.30	502.23	133.63
		1114	8.01	21.31	-1.42	-0.17	20.06	-5.18	489.90	27.78	42.34	475.34	80.73
		1115	12.15	20.11	-1.27	-0.04	18.88	-4.98	763.99	26.62	32.66	757.96	66.44
		1138	12.24	13.94	0.74	1.46	13.23	-3.00	854.16	179.45	201.05	832.57	118.76
916	37	1139	6.78	12.69	-0.77	1.37	10.56	-4.92	479.79	115.23	154.13	440.90	112.55
		1114	7.08	20.43	-1.06	-0.10	19.47	-4.44	426.87	25.42	36.42	415.88	65.52
		1115	10.79	19.41	-0.88	0.03	18.50	-4.19	672.69	23.95	28.17	668.47	52.13
		1138	10.82	12.90	0.90	1.41	12.39	-2.42	752.08	159.16	175.96	735.29	98.36
917	8	1124	22.80	-3.56	-6.26	-6.24	-3.59	0.26	-72.17	-1552.44	-74.48	-1550.14	58.35
		1141	23.81	20.03	-3.14	-3.13	20.02	-0.56	-29.08	-1529.60	-30.55	-1528.13	46.87
		1140	22.01	20.84	-3.17	-2.78	20.45	-3.02	-18.11	-1402.36	-20.39	-1400.08	56.08
		1123	20.96	-1.73	-7.20	-5.77	-3.16	-2.40	-57.34	-1424.60	-60.78	-1421.15	68.53
917	32	1124	17.03	-2.64	-4.70	-4.66	-2.68	0.30	-52.37	-1158.53	-54.07	-1156.83	43.33
		1141	17.79	15.16	-2.34	-2.33	15.16	-0.33	-21.47	-1142.21	-22.54	-1141.13	34.67
		1140	16.45	15.77	-2.34	-2.07	15.51	-2.16	-13.45	-1047.52	-15.09	-1045.88	41.18
		1123	15.66	-1.40	-5.27	-4.30	-2.37	-1.68	-41.51	-1063.37	-44.02	-1060.86	50.57
917	37	1124	15.23	-2.29	-4.28	-4.16	-2.41	0.48	-44.21	-1035.05	-45.73	-1033.53	38.76
		1141	15.94	14.00	-2.08	-2.08	14.00	-0.12	-18.82	-1021.73	-19.77	-1020.78	30.83
		1140	14.75	14.55	-2.03	-1.84	14.36	-1.76	-11.98	-937.75	-13.39	-936.35	36.02
		1123	14.01	-1.44	-4.53	-3.84	-2.13	-1.29	-34.94	-950.59	-37.12	-948.42	44.60
918	8	1148	23.83	20.27	-6.84	-4.31	17.74	7.89	-1.77	-1523.06	-1.83	-1522.99	9.93
		1104	24.47	39.61	-1.69	-1.23	39.16	4.30	7.85	-1495.09	7.73	-1494.97	13.21
		1105	25.69	42.67	-1.11	-0.99	42.56	2.27	-0.39	-1569.47	-0.85	-1569.02	26.70
		1151	24.76	20.59	-4.78	-3.75	19.56	5.01	-20.30	-1589.98	-20.81	-1589.48	28.09
918	32	1148	17.80	15.32	-5.15	-3.22	13.39	5.99	-0.71	-1136.74	-0.77	-1136.68	8.04
		1104	18.29	29.87	-1.27	-0.92	29.53	3.26	5.83	-1116.33	5.74	-1116.24	10.36
		1105	19.20	32.20	-0.83	-0.74	32.11	1.74	-0.38	-1172.04	-0.72	-1171.69	20.20
		1151	18.49	15.58	-3.60	-2.80	14.78	3.83	-14.71	-1186.88	-15.10	-1186.49	21.29
918	37	1148	15.92	14.09	-4.70	-2.89	12.29	5.54	0.48	-1015.53	0.41	-1015.46	8.69
		1104	16.38	27.35	-1.14	-0.82	27.03	3.02	5.19	-998.10	5.08	-997.99	10.52
		1105	17.20	29.52	-0.75	-0.66	29.43	1.66	-0.48	-1048.30	-0.82	-1047.96	18.92
		1151	16.55	14.35	-3.29	-2.51	13.58	3.62	-12.35	-1060.73	-12.74	-1060.34	20.02
919	8	1120	11.01	6.91	-11.92	-2.65	-2.36	-9.41	96.88	-665.84	78.41	-647.37	117.24
		1145	11.48	21.77	-5.08	-0.87	17.56	-9.77	82.61	-645.78	64.85	-628.02	112.34
		1143	7.09	21.43	-5.07	0.24	16.12	-10.61	157.38	-292.47	113.62	-248.71	133.30
		1119	7.18	9.60	-11.25	-0.39	-1.26	-10.42	213.96	-300.27	177.59	-263.90	131.83
919	32	1120	8.22	5.04	-8.78	-1.97	-1.77	-6.91	72.35	-497.75	59.12	-484.52	85.82
		1145	8.59	16.46	-3.67	-0.64	13.42	-7.20	60.66	-483.56	48.04	-470.94	81.89
		1143	5.29	16.19	-3.63	0.20	12.37	-7.82	115.19	-219.39	84.19	-188.40	97.00
		1119	5.34	7.06	-8.28	-0.27	-0.95	-7.66	158.50	-224.77	132.58	-198.86	96.23
919	37	1120	7.36	4.31	-7.65	-1.74	-1.60	-5.98	64.33	-446.93	53.35	-435.94	74.12
		1145	7.73	15.16	-3.07	-0.55	12.64	-6.29	52.18	-435.65	41.92	-425.39	70.01
		1143	4.73	14.90	-2.96	0.21	11.73	-6.83	98.59	-199.04	73.63	-174.09	82.49
		1119	4.75	6.13	-7.20	-0.21	-0.87	-6.65	139.00	-203.05	117.76	-181.81	82.54
920	22	1081	12.81	47.82	0.74	46.75	1.81	7.00	709.51	16.56	709.34	16.72	-10.62
		1080	4.27	36.19	0.36	36.18	0.37	-0.50	153.12	-78.05	91.71	-16.64	-102.11

		1154	10.48	31.63	-7.86	28.37	-4.61	10.87	401.41	-358.27	133.87	-90.72	-362.86
		1153	11.95	33.03	5.70	32.69	6.04	3.01	636.43	-183.08	454.82	-1.47	-340.37
920	36	1081	9.65	35.99	0.57	35.19	1.37	5.27	534.05	12.40	533.93	12.52	-7.81
		1080	3.22	27.20	0.26	27.20	0.27	-0.38	115.80	-57.91	70.32	-12.43	-76.37
		1154	7.85	23.79	-5.90	21.34	-3.45	8.17	301.46	-267.60	101.82	-67.96	-271.57
		1153	8.97	24.82	4.28	24.57	4.53	2.28	478.27	-136.45	342.95	-1.13	-254.70
920	37	1081	8.52	32.24	0.42	31.53	1.13	4.70	470.42	11.43	470.30	11.55	-7.67
		1080	2.82	24.63	0.32	24.62	0.33	-0.34	99.05	-55.78	54.83	-11.55	-69.94
		1154	7.13	21.43	-5.40	19.23	-3.20	7.36	269.31	-246.98	83.96	-61.63	-247.67
		1153	8.04	22.45	3.94	22.25	4.14	1.92	425.23	-127.43	298.57	-0.77	-232.28
921	8	69	67.58	97.02	-164.34	76.81	-144.12	-69.82	4146.24	93.51	2297.80	1941.95	2018.54
		1210	30.52	3.96	-53.97	-25.55	-24.46	28.96	2292.84	846.38	1994.81	1144.40	585.03
		1211	22.13	-7.44	-55.81	-35.39	-27.86	-23.89	1313.81	-0.37	446.53	866.92	622.56
		1183	26.53	-79.65	-219.52	-135.75	-163.42	68.55	449.34	-1247.45	-1129.05	330.94	-432.30
921	32	69	50.61	72.17	-122.17	57.17	-107.17	-51.87	3109.68	81.59	1713.81	1477.45	1509.43
		1210	22.86	3.02	-40.11	-18.92	-18.17	21.56	1716.73	636.29	1486.79	866.24	442.23
		1211	16.62	-5.53	-41.48	-26.31	-20.69	-17.75	988.56	0.44	333.55	655.45	467.10
		1183	19.84	-59.30	-163.25	-100.97	-121.58	50.95	341.36	-929.66	-841.79	253.49	-322.44
921	37	69	45.51	63.85	-107.94	50.64	-94.74	-45.76	2806.10	97.02	1525.97	1377.15	1352.49
		1210	20.56	2.82	-35.40	-16.55	-16.03	19.11	1543.34	575.89	1321.53	797.70	406.68
		1211	15.05	-4.88	-36.63	-23.26	-18.24	-15.68	899.16	1.54	298.16	602.54	422.22
		1183	17.78	-52.56	-144.33	-89.30	-107.58	44.96	317.12	-826.11	-748.85	239.85	-286.99
922	22	1210	31.27	49.35	-10.35	49.29	-10.30	-1.80	2329.29	1175.67	1814.03	1690.93	573.52
		1156	17.70	35.96	-36.71	5.15	-5.89	35.91	1288.34	812.28	856.63	1243.99	138.37
		1212	8.63	49.27	-58.98	-57.07	47.37	-14.24	477.15	367.88	370.13	474.90	-15.52
		1211	11.67	-46.66	-144.19	-128.23	-62.62	36.08	667.01	178.03	379.38	465.66	240.65
922	36	1210	23.45	36.89	-7.72	36.85	-7.68	-1.33	1747.46	879.75	1356.06	1271.14	431.77
		1156	13.30	26.89	-27.40	3.88	-4.40	26.83	968.52	605.88	640.38	934.02	106.40
		1212	6.48	36.80	-44.03	-42.60	35.38	-10.62	359.22	275.57	276.73	358.06	-9.77
		1211	8.75	-34.84	-107.67	-95.75	-46.75	26.94	502.36	133.52	283.78	352.10	181.23
922	37	1210	21.13	33.62	-7.16	33.58	-7.11	-1.29	1571.56	796.01	1236.23	1131.34	384.21
		1156	11.87	24.47	-25.08	3.43	-4.04	24.49	862.50	555.85	583.62	834.73	88.01
		1212	5.78	33.65	-40.35	-39.04	32.33	-9.78	318.25	249.84	252.77	315.33	-13.84
		1211	7.89	-31.93	-98.52	-87.63	-42.82	24.62	446.21	118.85	258.45	306.61	161.90
923	22	1156	18.03	35.15	-6.86	16.83	11.46	20.83	1292.75	783.63	844.04	1232.34	164.64
		1209	11.72	29.66	3.40	16.11	16.96	13.12	750.16	22.47	24.19	748.44	35.38
		1213	10.17	22.69	-33.28	-33.10	22.51	-3.16	415.11	-180.06	-152.36	387.41	-125.38
		1212	7.09	15.55	-62.12	-61.93	15.36	-3.81	458.73	309.28	313.11	454.90	-23.63
923	36	1156	13.55	26.28	-5.11	12.61	8.56	15.56	972.01	584.44	631.00	925.45	126.01
		1209	8.81	22.18	2.55	12.07	12.66	9.81	563.88	16.84	18.40	562.32	29.16
		1213	7.61	16.95	-24.83	-24.70	16.81	-2.35	311.45	-133.53	-113.76	291.68	-91.69
		1212	5.31	11.61	-46.37	-46.23	11.48	-2.84	345.31	231.85	234.10	343.05	-15.85
923	37	1156	12.10	23.91	-4.69	11.42	7.80	14.18	865.17	536.23	574.97	826.42	106.03
		1209	7.82	20.18	2.33	10.94	11.57	8.92	500.90	14.73	15.45	500.17	18.77
		1213	6.89	15.50	-22.80	-22.67	15.37	-2.21	278.94	-124.12	-103.41	258.22	-88.99
		1212	4.81	10.60	-42.49	-42.36	10.47	-2.65	305.92	209.84	213.90	301.86	-19.33
924	8	1209	11.29	29.69	4.63	16.97	17.35	12.53	726.53	24.01	24.14	726.39	9.81
		1157	13.85	21.57	8.26	16.60	13.23	6.44	381.59	-647.84	-646.36	380.11	-39.06
		1214	15.07	14.61	-21.14	-21.14	14.61	0.09	284.64	-730.15	-705.47	259.97	-156.30
		1213	10.26	20.30	-35.66	-35.54	20.18	-2.55	400.80	-210.72	-173.01	363.09	-147.09
924	32	1209	8.52	22.14	3.46	12.69	12.91	9.34	547.89	18.39	18.68	547.59	12.58
		1157	10.34	16.10	6.15	12.41	9.85	4.81	288.85	-481.14	-480.37	288.08	-24.36
		1214	11.23	10.87	-15.68	-15.68	10.87	0.09	213.86	-542.31	-525.18	196.73	-112.52
		1213	7.66	15.10	-26.48	-26.40	15.02	-1.88	300.91	-154.77	-128.76	274.90	-105.72
924	37	1209	7.79	19.69	3.11	11.37	11.43	8.29	500.48	16.95	18.03	499.40	22.87
		1157	9.24	14.36	5.47	11.12	8.71	4.28	265.82	-424.26	-424.09	265.65	-10.96
		1214	9.95	9.62	-13.78	-13.78	9.62	0.11	193.70	-477.82	-465.26	181.14	-90.98
		1213	6.82	13.37	-23.34	-23.27	13.30	-1.63	272.20	-132.64	-113.85	253.42	-85.16
925	8	1157	13.84	21.47	8.00	16.54	12.92	6.49	385.00	-644.30	-642.92	383.62	-37.66
		1208	19.72	16.86	6.37	15.49	7.74	3.53	164.49	-1186.73	-1184.34	162.09	-56.86
		1215	20.46	8.10	-15.15	-15.05	7.99	1.54	169.20	-1208.14	-1195.33	156.39	-132.21
		1214	15.08	14.10	-21.54	-21.54	14.09	0.07	281.02	-732.77	-708.86	257.11	-153.85
925	32	1157	10.34	16.03	5.96	12.37	9.61	4.84	291.44	-478.51	-477.80	290.74	-23.34
		1208	14.70	12.60	4.74	11.58	5.76	2.64	126.29	-882.14	-880.70	124.85	-38.12
		1215	15.23	6.03	-11.23	-11.15	5.95	1.16	127.52	-898.59	-889.77	118.70	-94.71
		1214	11.23	10.49	-15.98	-15.98	10.49	0.07	211.20	-544.28	-527.69	194.62	-110.70
925	37	1157	9.24	14.30	5.30	11.08	8.51	4.31	268.25	-421.96	-421.81	268.10	-10.12
		1208	13.06	11.28	4.19	10.38	5.10	2.36	119.60	-779.21	-778.56	118.95	-24.18
		1215	13.50	5.34	-9.84	-9.77	5.26	1.06	116.27	-794.52	-788.24	109.99	-75.38
		1214	9.96	9.28	-14.04	-14.04	9.28	0.09	191.42	-479.60	-467.47	179.29	-89.39
926	8	1208	19.72	16.87	6.28	15.46	7.69	3.60	167.66	-1184.83	-1182.47	165.30	-56.43
		1158	25.31	14.90	3.38	14.36	3.92	2.45	31.19	-1629.26	-1627.05	28.98	-60.48
		1216	25.71	4.04	-13.08	-12.77	3.73	2.29	81.88	-1623.76	-1617.39	75.50	-104.07
		1215	20.47	8.02	-15.38	-15.28	7.92	1.50	168.49	-1208.58	-1195.91	155.82	-131.48
926	32	1208	14.70	12.61	4.67	11.56	5.72	2.69	128.67	-880.73	-879.31	127.25	-37.83
		1158	18.85	11.14	2.51	10.73	2.92	1.84	26.58	-1211.48	-1210.10	25.21	-41.28
		1216	19.14	3.01	-9.69	-9.45	2.78	1.72	62.21	-1208.18	-1203.85	57.89	-74.00

		1215	15.24	5.97	-11.40	-11.32	5.89	1.13	127.01	-898.92	-890.20	118.29	-94.18
926	37	1208	13.06	11.29	4.13	10.36	5.06	2.41	121.77	-777.97	-777.33	121.14	-23.97
		1158	16.71	9.99	2.21	9.62	2.58	1.65	30.15	-1070.86	-1070.16	29.45	-27.88
		1216	16.96	2.68	-8.49	-8.26	2.46	1.56	57.72	-1069.31	-1066.37	54.79	-57.42
		1215	13.51	5.28	-9.99	-9.92	5.21	1.04	115.85	-794.82	-788.61	109.64	-74.92
927	8	1158	25.31	14.92	3.39	14.35	3.96	2.49	33.37	-1628.33	-1626.14	31.17	-60.38
		1207	30.15	13.76	1.33	13.35	1.74	2.20	-49.85	-1992.11	-1990.52	-51.45	-55.67
		1217	30.40	1.96	-12.68	-12.16	1.44	2.72	20.35	-1974.36	-1971.28	17.27	-78.32
		1216	25.72	4.07	-13.20	-12.89	3.77	2.28	82.10	-1623.76	-1617.40	75.74	-104.00
927	32	1158	18.85	11.15	2.52	10.73	2.94	1.87	28.22	-1210.80	-1209.42	26.85	-41.24
		1207	22.45	10.28	0.99	9.98	1.29	1.66	-33.99	-1481.51	-1480.51	-35.00	-38.13
		1217	22.63	1.47	-9.39	-9.00	1.07	2.04	16.20	-1469.22	-1467.17	14.15	-55.12
		1216	19.14	3.04	-9.78	-9.54	2.80	1.71	62.39	-1208.18	-1203.86	58.07	-73.95
927	37	1158	16.72	10.00	2.22	9.61	2.60	1.68	31.64	-1070.27	-1069.56	30.93	-27.90
		1207	19.90	9.22	0.87	8.95	1.14	1.49	-24.11	-1310.00	-1309.48	-24.64	-25.92
		1217	20.05	1.32	-8.23	-7.86	0.95	1.84	16.48	-1300.78	-1299.48	15.19	-41.23
		1216	16.96	2.70	-8.56	-8.35	2.48	1.55	57.90	-1069.30	-1066.37	54.97	-57.40
928	8	1207	30.15	13.77	1.37	13.35	1.78	2.23	-48.46	-1991.69	-1990.09	-50.06	-55.73
		1159	34.15	12.88	0.23	12.45	0.65	2.28	-98.98	-2283.26	-2282.30	-99.94	-45.76
		1218	34.33	1.06	-12.79	-12.13	0.40	2.95	-21.42	-2259.18	-2257.78	-22.82	-56.02
		1217	30.40	2.01	-12.73	-12.22	1.49	2.71	20.77	-1974.29	-1971.20	17.68	-78.50
928	32	1207	22.45	10.29	1.01	9.98	1.33	1.67	-32.95	-1481.20	-1480.20	-33.96	-38.21
		1159	25.42	9.62	0.17	9.30	0.49	1.71	-70.70	-1698.16	-1697.56	-71.30	-31.16
		1218	25.56	0.80	-9.48	-8.98	0.30	2.22	-15.03	-1681.22	-1680.31	-15.94	-38.86
		1217	22.63	1.50	-9.43	-9.04	1.11	2.04	16.52	-1469.17	-1467.11	14.46	-55.27
928	37	1207	19.90	9.23	0.89	8.95	1.17	1.51	-23.17	-1309.73	-1309.20	-23.69	-26.05
		1159	22.52	8.63	0.14	8.34	0.43	1.54	-56.96	-1501.82	-1501.52	-57.25	-20.53
		1218	22.64	0.73	-8.31	-7.85	0.26	1.99	-11.51	-1488.62	-1488.11	-12.01	-27.42
		1217	20.05	1.35	-8.26	-7.90	0.98	1.83	16.78	-1300.73	-1299.43	15.48	-41.37
929	8	1159	34.15	12.88	0.26	12.45	0.69	2.29	-98.12	-2283.08	-2282.12	-99.08	-45.83
		1206	37.25	12.09	-0.31	11.60	0.19	2.42	-128.69	-2506.38	-2505.93	-129.14	-32.66
		1219	37.42	0.75	-12.96	-12.23	0.02	3.08	-49.05	-2478.12	-2477.57	-49.60	-36.51
		1218	34.34	1.10	-12.81	-12.16	0.44	2.95	-21.03	-2259.12	-2257.71	-22.44	-56.17
929	32	1159	25.42	9.63	0.19	9.31	0.51	1.72	-70.06	-1698.03	-1697.43	-70.66	-31.24
		1206	27.73	9.04	-0.23	8.67	0.14	1.82	-92.89	-1864.15	-1863.88	-93.16	-21.81
		1219	27.85	0.57	-9.60	-9.05	0.01	2.31	-35.70	-1844.13	-1843.79	-36.03	-24.69
		1218	25.56	0.83	-9.50	-9.00	0.33	2.21	-14.74	-1681.17	-1680.26	-15.65	-38.97
929	37	1159	22.52	8.63	0.16	8.34	0.45	1.55	-56.37	-1501.71	-1501.41	-56.67	-20.65
		1206	24.56	8.10	-0.21	7.77	0.12	1.63	-76.80	-1648.74	-1648.63	-76.90	-12.98
		1219	24.66	0.52	-8.42	-7.91	0.01	2.07	-30.02	-1632.88	-1632.73	-30.17	-15.51
		1218	22.64	0.75	-8.32	-7.86	0.29	1.99	-11.24	-1488.58	-1488.07	-11.75	-27.53
930	8	1206	37.25	12.10	-0.29	11.60	0.21	2.42	-128.17	-2506.31	-2505.86	-128.62	-32.83
		1160	39.44	11.34	-0.55	10.77	0.02	2.54	-146.49	-2663.11	-2662.99	-146.61	-17.71
		1220	39.59	0.68	-13.04	-12.28	-0.08	3.13	-66.89	-2631.25	-2631.11	-67.03	-19.12
		1219	37.42	0.77	-12.96	-12.24	0.04	3.07	-48.75	-2478.08	-2477.52	-49.30	-36.71
930	32	1206	27.73	9.04	-0.22	8.67	0.15	1.82	-92.50	-1864.11	-1863.84	-92.77	-21.96
		1160	29.35	8.48	-0.41	8.05	0.01	1.90	-106.19	-1980.72	-1980.65	-106.25	-11.05
		1220	29.46	0.52	-9.66	-9.09	-0.06	2.35	-49.04	-1958.02	-1957.95	-49.11	-12.11
		1219	27.85	0.58	-9.61	-9.05	0.03	2.30	-35.47	-1844.10	-1843.76	-35.81	-24.84
930	37	1206	24.56	8.10	-0.20	7.77	0.14	1.64	-76.44	-1648.70	-1648.59	-76.55	-13.18
		1160	26.00	7.60	-0.37	7.21	0.01	1.71	-88.67	-1751.85	-1751.84	-88.68	-4.18
		1220	26.09	0.48	-8.47	-7.94	-0.05	2.11	-41.96	-1733.65	-1733.64	-41.98	-5.04
		1219	24.67	0.53	-8.42	-7.91	0.03	2.07	-29.81	-1632.85	-1632.70	-29.96	-15.66
931	8	1160	39.44	11.34	-0.54	10.77	0.03	2.54	-146.18	-2663.10	-2662.97	-146.31	-17.93
		1205	40.68	10.59	-0.67	9.95	-0.02	2.61	-156.99	-2754.15	-2754.15	-156.99	-1.60
		1221	40.82	0.70	-13.03	-12.27	-0.07	3.16	-77.93	-2718.69	-2718.68	-77.93	-3.16
		1220	39.59	0.69	-13.04	-12.28	-0.07	3.13	-66.68	-2631.22	-2631.08	-66.82	-19.37
931	32	1160	29.35	8.48	-0.41	8.05	0.02	1.91	-105.95	-1980.71	-1980.65	-106.02	-11.25
		1205	30.28	7.92	-0.50	7.43	-0.02	1.96	-114.03	-2048.37	-2048.37	-114.03	0.56
		1221	30.38	0.53	-9.66	-9.08	-0.05	2.37	-57.29	-2023.00	-2023.00	-57.29	-0.60
		1220	29.46	0.52	-9.66	-9.09	-0.05	2.35	-48.87	-1958.01	-1957.93	-48.95	-12.29
931	37	1160	26.00	7.60	-0.37	7.21	0.02	1.71	-88.45	-1751.85	-1751.84	-88.47	-4.41
		1205	26.82	7.09	-0.45	6.66	-0.01	1.76	-95.66	-1811.60	-1811.59	-95.68	5.39
		1221	26.90	0.49	-8.46	-7.93	-0.04	2.13	-49.36	-1791.05	-1791.04	-49.37	4.46
		1220	26.09	0.48	-8.47	-7.94	-0.04	2.11	-41.82	-1733.63	-1733.62	-41.83	-5.22
932	8	1205	40.69	10.59	-0.66	9.95	-0.02	2.61	-156.81	-2754.16	-2754.16	-156.81	-1.74
		1161	40.99	9.84	-0.73	9.13	-0.02	2.65	-162.72	-2779.79	-2779.70	-162.80	15.29
		1222	41.10	0.74	-12.98	-12.20	-0.03	3.17	-84.16	-2740.52	-2740.47	-84.22	12.07
		1221	40.82	0.71	-13.03	-12.26	-0.06	3.16	-77.79	-2718.68	-2718.67	-77.80	-3.28
932	32	1205	30.28	7.92	-0.50	7.43	-0.01	1.96	-113.89	-2048.38	-2048.38	-113.89	0.42
		1161	30.50	7.35	-0.55	6.82	-0.02	1.98	-118.30	-2067.33	-2067.25	-118.39	12.76
		1222	30.59	0.56	-9.61	-9.03	-0.03	2.37	-61.96	-2039.13	-2039.08	-62.01	10.37
		1221	30.38	0.54	-9.66	-9.07	-0.05	2.37	-57.19	-2022.99	-2022.99	-57.19	-0.70
932	37	1205	26.82	7.09	-0.45	6.66	-0.01	1.76	-95.53	-1811.62	-1811.60	-95.55	5.22
		1161	27.01	6.59	-0.50	6.11	-0.02	1.78	-99.47	-1828.20	-1828.06	-99.61	15.50
		1222	27.08	0.52	-8.42	-7.88	-0.02	2.13	-53.54	-1805.14	-1805.04	-53.64	13.47
		1221	26.90	0.49	-8.46	-7.92	-0.04	2.13	-49.26	-1791.04	-1791.03	-49.27	4.36

933	8	1161	40.99	9.84	-0.73	9.13	-0.02	2.65	-162.62	-2779.80	-2779.71	-162.70	15.07
		1204	40.33	9.08	-0.79	8.31	-0.02	2.65	-164.98	-2740.15	-2739.74	-165.39	32.48
		1223	40.43	0.77	-12.89	-12.12	-4.17e-03	3.16	-86.77	-2696.82	-2696.54	-87.04	26.82
		1222	41.10	0.74	-12.97	-12.20	-0.03	3.17	-84.08	-2740.52	-2740.47	-84.14	11.91
933	32	1161	30.50	7.35	-0.55	6.82	-0.02	1.98	-118.23	-2067.35	-2067.27	-118.31	12.57
		1204	30.01	6.78	-0.60	6.20	-0.02	1.98	-120.00	-2037.70	-2037.37	-120.33	25.19
		1223	30.08	0.58	-9.55	-8.96	-3.13e-03	2.37	-63.91	-2006.47	-2006.24	-64.14	20.96
		1222	30.59	0.56	-9.61	-9.03	-0.02	2.37	-61.90	-2039.13	-2039.08	-61.95	10.23
933	37	1161	27.01	6.59	-0.49	6.11	-0.01	1.78	-99.40	-1828.22	-1828.08	-99.54	15.28
		1204	26.58	6.07	-0.54	5.55	-0.01	1.78	-100.99	-1801.73	-1801.34	-101.38	25.82
		1223	26.63	0.54	-8.37	-7.83	-2.80e-03	2.13	-55.30	-1775.99	-1775.70	-55.58	22.15
		1222	27.08	0.52	-8.42	-7.88	-0.02	2.13	-53.48	-1805.14	-1805.04	-53.58	13.34
934	8	1204	40.33	9.08	-0.79	8.31	-0.02	2.65	-164.94	-2740.17	-2739.77	-165.35	32.24
		1162	38.72	8.31	-0.86	7.49	-0.05	2.62	-164.49	-2635.31	-2634.30	-165.50	49.77
		1224	38.79	0.77	-12.81	-12.04	4.08e-03	3.14	-86.19	-2587.63	-2586.94	-86.88	41.40
		1223	40.43	0.77	-12.89	-12.12	-2.12e-03	3.16	-86.74	-2696.82	-2696.55	-87.01	26.60
934	32	1204	30.01	6.78	-0.59	6.20	-0.02	1.98	-119.97	-2037.71	-2037.39	-120.30	24.97
		1162	28.81	6.20	-0.65	5.58	-0.03	1.96	-119.65	-1959.51	-1958.74	-120.42	37.69
		1224	28.86	0.59	-9.49	-8.91	3.14e-03	2.36	-63.50	-1925.05	-1924.52	-64.03	31.43
		1223	30.08	0.59	-9.55	-8.96	-1.61e-03	2.37	-63.89	-2006.47	-2006.25	-64.11	20.79
934	37	1204	26.58	6.07	-0.53	5.55	-0.01	1.78	-100.96	-1801.75	-1801.36	-101.34	25.57
		1162	25.51	5.56	-0.59	5.00	-0.03	1.76	-100.68	-1732.23	-1731.43	-101.48	36.20
		1224	25.55	0.54	-8.31	-7.77	2.98e-03	2.11	-54.95	-1703.62	-1703.05	-55.52	30.70
		1223	26.63	0.54	-8.37	-7.83	-1.47e-03	2.13	-55.27	-1775.99	-1775.71	-55.55	21.98
935	8	1162	38.72	8.31	-0.86	7.49	-0.04	2.62	-164.51	-2635.32	-2634.33	-165.50	49.62
		1203	36.16	7.52	-0.98	6.67	-0.13	2.55	-161.09	-2465.34	-2463.39	-163.04	67.04
		1225	36.20	0.72	-12.75	-11.99	-0.04	3.10	-82.34	-2413.00	-2411.64	-83.70	56.27
		1224	38.79	0.78	-12.81	-12.04	7.72e-03	3.14	-86.21	-2587.64	-2586.96	-86.90	41.28
935	32	1162	28.81	6.20	-0.65	5.58	-0.03	1.96	-119.66	-1959.52	-1958.76	-120.42	37.54
		1203	26.90	5.61	-0.74	4.97	-0.09	1.91	-117.13	-1832.84	-1831.37	-118.60	50.17
		1225	26.93	0.55	-9.44	-8.87	-0.03	2.32	-60.65	-1794.91	-1793.89	-61.67	42.12
		1224	28.86	0.59	-9.49	-8.91	5.83e-03	2.36	-63.51	-1925.06	-1924.53	-64.04	31.34
935	37	1162	25.51	5.56	-0.58	5.00	-0.03	1.76	-100.68	-1732.24	-1731.45	-101.48	36.01
		1203	23.81	5.03	-0.66	4.45	-0.08	1.72	-98.46	-1619.76	-1618.33	-99.88	46.57
		1225	23.83	0.51	-8.27	-7.74	-0.02	2.09	-52.43	-1588.08	-1587.07	-53.45	39.45
		1224	25.55	0.54	-8.31	-7.77	5.33e-03	2.12	-54.96	-1703.63	-1703.06	-55.53	30.61
936	8	1203	36.16	7.52	-0.97	6.67	-0.12	2.55	-161.17	-2465.36	-2463.42	-163.11	66.83
		1163	32.65	6.69	-1.19	5.84	-0.34	2.45	-153.93	-2230.37	-2226.98	-157.32	83.90
		1226	32.66	0.53	-12.70	-11.97	-0.20	3.02	-74.46	-2173.02	-2170.58	-76.91	71.63
		1225	36.20	0.73	-12.75	-11.99	-0.03	3.10	-82.42	-2413.02	-2411.67	-83.77	56.10
936	32	1203	26.90	5.61	-0.73	4.97	-0.09	1.91	-117.19	-1832.85	-1831.39	-118.65	49.99
		1163	24.28	4.99	-0.90	4.35	-0.25	1.84	-111.83	-1657.77	-1655.25	-114.35	62.36
		1226	24.29	0.41	-9.40	-8.85	-0.14	2.26	-54.80	-1616.11	-1614.30	-56.62	53.17
		1225	26.93	0.55	-9.44	-8.87	-0.02	2.33	-60.70	-1794.92	-1793.91	-61.72	41.98
936	37	1203	23.81	5.03	-0.66	4.45	-0.08	1.72	-98.51	-1619.77	-1618.36	-99.92	46.35
		1163	21.49	4.47	-0.80	3.89	-0.22	1.66	-93.77	-1464.39	-1462.04	-96.12	56.68
		1226	21.49	0.39	-8.23	-7.72	-0.12	2.03	-47.26	-1429.42	-1427.71	-48.97	48.52
		1225	23.83	0.51	-8.27	-7.74	-0.02	2.09	-52.48	-1588.10	-1587.09	-53.49	39.32
937	8	1163	32.65	6.70	-1.18	5.84	-0.33	2.45	-154.10	-2230.40	-2227.02	-157.48	83.67
		1202	28.21	5.82	-1.62	5.00	-0.80	2.32	-141.31	-1930.58	-1924.97	-146.93	100.08
		1227	28.18	0.09	-12.62	-11.94	-0.59	2.85	-60.89	-1867.90	-1863.61	-65.18	87.99
		1226	32.66	0.55	-12.70	-11.98	-0.18	3.02	-74.59	-2173.06	-2170.63	-77.03	71.40
937	32	1163	24.28	5.00	-0.89	4.35	-0.24	1.84	-111.96	-1657.78	-1655.28	-114.46	62.16
		1202	20.98	4.34	-1.21	3.72	-0.59	1.74	-102.48	-1434.42	-1430.30	-106.61	74.03
		1227	20.95	0.08	-9.34	-8.83	-0.44	2.14	-44.74	-1388.81	-1385.66	-47.89	64.96
		1226	24.29	0.42	-9.41	-8.86	-0.13	2.26	-54.90	-1616.14	-1614.34	-56.70	52.99
937	37	1163	21.49	4.48	-0.79	3.89	-0.21	1.66	-93.89	-1464.41	-1462.08	-96.22	56.44
		1202	18.55	3.89	-1.08	3.33	-0.52	1.57	-85.54	-1266.23	-1262.50	-89.27	66.32
		1227	18.52	0.10	-8.18	-7.70	-0.38	1.93	-38.37	-1227.75	-1224.90	-41.23	58.24
		1226	21.49	0.39	-8.23	-7.72	-0.12	2.04	-47.35	-1429.44	-1427.75	-49.05	48.35
938	8	1202	28.21	5.82	-1.60	5.00	-0.78	2.32	-141.68	-1930.60	-1925.01	-147.28	99.92
		1164	22.87	4.87	-2.44	4.15	-1.71	2.18	-119.62	-1566.37	-1557.14	-128.85	115.19
		1228	22.77	-0.82	-12.37	-11.78	-1.42	2.55	-38.77	-1498.21	-1490.44	-46.54	106.21
		1227	28.18	0.10	-12.63	-11.96	-0.57	2.86	-61.06	-1867.97	-1863.69	-65.34	87.80
938	32	1202	20.97	4.34	-1.20	3.72	-0.58	1.74	-102.76	-1434.44	-1430.33	-106.87	73.88
		1164	17.00	3.63	-1.82	3.08	-1.27	1.64	-86.42	-1163.09	-1156.35	-93.16	84.91
		1228	16.92	-0.59	-9.16	-8.71	-1.05	1.92	-28.34	-1113.40	-1107.74	-34.00	78.13
		1227	20.95	0.09	-9.36	-8.84	-0.42	2.15	-44.87	-1388.85	-1385.72	-48.00	64.81
938	37	1202	18.55	3.89	-1.07	3.33	-0.51	1.57	-85.78	-1266.25	-1262.53	-89.50	66.14
		1164	15.02	3.25	-1.61	2.75	-1.11	1.48	-71.39	-1025.52	-1019.54	-77.36	75.27
		1228	14.95	-0.49	-8.02	-7.59	-0.92	1.73	-23.88	-983.43	-978.42	-28.90	69.19
		1227	18.52	0.11	-8.19	-7.71	-0.37	1.93	-38.49	-1227.79	-1224.95	-41.33	58.10
939	8	1164	22.87	4.87	-2.42	4.05	-1.59	2.31	-120.05	-1566.92	-1562.18	-124.78	82.66
		1201	16.70	3.89	-3.91	3.19	-3.21	2.23	-82.72	-1139.06	-1128.74	-93.04	103.89
		1229	16.46	-2.42	-11.20	-10.80	-2.82	1.82	-3.55	-1066.15	-1055.51	-14.19	105.83
		1228	22.75	-0.81	-12.39	-11.91	-1.30	2.32	-39.36	-1497.59	-1493.91	-43.04	73.17
939	32	1164	17.00	3.63	-1.80	3.00	-1.18	1.74	-86.74	-1163.50	-1160.07	-90.17	60.67

		1201	12.40	2.89	-2.91	2.36	-2.37	1.68	-59.12	-844.72	-837.27	-66.57	76.14
		1229	12.22	-1.78	-8.29	-7.99	-2.09	1.38	-2.22	-791.44	-783.76	-9.91	77.48
		1228	16.91	-0.59	-9.18	-8.80	-0.96	1.75	-28.78	-1112.94	-1110.28	-31.43	53.55
939	37	1164	15.02	3.26	-1.60	2.68	-1.03	1.57	-71.68	-1025.88	-1022.84	-74.71	53.74
		1201	10.94	2.59	-2.57	2.11	-2.08	1.51	-47.37	-743.07	-736.59	-53.85	66.81
		1229	10.78	-1.53	-7.26	-6.96	-1.83	1.26	-0.76	-697.74	-691.05	-7.45	67.93
		1228	14.94	-0.49	-8.03	-7.68	-0.83	1.58	-24.27	-983.02	-980.67	-26.63	47.44
940	8	1201	16.68	3.88	-3.92	3.27	-3.31	2.09	-83.92	-1138.62	-1123.01	-99.53	127.36
		1165	9.83	2.98	-6.22	2.48	-5.73	2.08	-15.44	-651.28	-620.15	-46.57	137.21
		1230	9.56	-4.77	-9.50	-9.28	-4.99	0.99	67.88	-578.41	-538.39	27.86	155.76
		1229	16.47	-2.45	-11.26	-10.77	-2.94	2.03	-3.98	-1067.15	-1051.16	-19.97	129.40
940	32	1201	12.39	2.89	-2.91	2.43	-2.45	1.57	-60.01	-844.39	-833.06	-71.33	93.57
		1165	7.28	2.21	-4.62	1.83	-4.24	1.56	-9.46	-481.13	-458.62	-31.97	100.55
		1230	7.08	-3.53	-7.04	-6.86	-3.70	0.76	50.55	-427.80	-398.76	21.51	114.23
		1229	12.23	-1.80	-8.34	-7.96	-2.17	1.53	-2.55	-792.19	-780.59	-14.15	95.00
940	37	1201	10.93	2.59	-2.57	2.17	-2.15	1.42	-48.17	-742.76	-732.89	-58.03	82.19
		1165	6.39	1.98	-4.07	1.63	-3.73	1.41	-3.85	-420.33	-400.94	-23.23	87.73
		1230	6.21	-3.07	-6.16	-5.98	-3.25	0.72	45.67	-374.91	-349.76	20.52	99.73
		1229	10.79	-1.55	-7.30	-6.94	-1.91	1.39	-1.05	-698.40	-688.28	-11.17	83.39
941	8	1165	9.82	2.94	-6.33	2.45	-5.84	2.08	-17.74	-651.75	-619.76	-49.73	138.77
		1200	3.99	2.45	-8.95	2.08	-8.58	2.03	151.40	-150.72	-44.21	44.89	144.34
		1231	5.27	-5.53	-7.56	-6.38	-6.71	-1.00	265.91	-117.66	50.47	97.79	190.32
		1230	9.58	-4.90	-9.58	-9.33	-5.15	1.05	66.59	-580.17	-539.34	25.76	157.29
941	32	1165	7.27	2.18	-4.70	1.81	-4.33	1.56	-11.18	-481.47	-458.34	-34.30	101.69
		1200	2.92	1.81	-6.65	1.52	-6.36	1.53	113.56	-107.40	-29.83	36.00	105.47
		1231	3.87	-4.12	-5.57	-4.71	-4.98	-0.71	197.26	-83.92	39.67	73.67	139.56
		1230	7.09	-3.62	-7.10	-6.90	-3.82	0.81	49.58	-429.12	-399.49	19.94	115.36
941	37	1165	6.38	1.95	-4.14	1.61	-3.80	1.41	-5.38	-420.60	-400.71	-25.27	88.68
		1200	2.53	1.61	-5.87	1.34	-5.61	1.38	103.77	-87.87	-20.93	36.83	91.37
		1231	3.38	-3.65	-4.84	-4.09	-4.40	-0.57	175.20	-69.35	38.88	66.97	121.47
		1230	6.22	-3.15	-6.21	-6.01	-3.35	0.76	44.79	-376.08	-350.42	19.13	100.70
942	8	1200	3.90	2.31	-9.40	1.93	-9.02	2.08	142.30	-152.25	-47.66	37.71	140.96
		1166	9.46	3.24	-9.60	3.09	-9.45	1.39	680.87	170.62	622.27	229.22	162.68
		1232	12.35	2.00	-8.36	-1.58	-4.78	-4.93	856.79	108.83	772.95	192.67	235.96
		1231	5.28	-5.71	-7.74	-6.33	-7.12	-0.94	262.79	-122.68	41.77	98.34	190.65
942	32	1200	2.85	1.70	-6.98	1.41	-6.69	1.57	106.78	-108.50	-32.40	30.67	102.92
		1166	7.05	2.38	-7.16	2.26	-7.04	1.06	508.30	130.86	466.28	172.88	118.72
		1232	9.18	1.46	-6.19	-1.15	-3.58	-3.62	638.37	83.87	577.64	144.61	173.17
		1231	3.88	-4.25	-5.71	-4.67	-5.29	-0.66	194.90	-87.67	33.17	74.06	139.80
942	37	1200	2.47	1.52	-6.16	1.24	-5.89	1.42	97.71	-88.78	-23.20	32.13	89.04
		1166	6.27	2.09	-6.36	1.97	-6.24	1.00	453.99	122.33	418.59	157.72	102.40
		1232	8.13	1.25	-5.42	-0.93	-3.23	-3.13	567.79	78.49	515.91	130.37	150.64
		1231	3.38	-3.75	-4.97	-4.06	-4.67	-0.53	173.04	-72.67	33.09	67.28	121.66
943	8	1166	9.05	2.71	-11.99	2.57	-11.85	1.47	649.29	162.32	600.30	211.30	146.48
		1199	21.68	9.07	2.11	8.70	2.48	-1.56	1624.86	581.84	1506.33	700.37	331.02
		1233	27.03	17.18	-5.35	2.95	8.87	-10.87	1867.36	177.94	1836.28	209.02	227.03
		1232	12.24	2.52	-8.57	-0.90	-5.14	-5.12	846.76	102.89	742.42	207.23	258.32
943	32	1166	6.74	1.99	-8.92	1.87	-8.80	1.12	484.88	124.64	449.94	159.58	106.61
		1199	16.15	6.64	1.46	6.40	1.70	-1.09	1210.77	436.41	1124.36	522.83	243.82
		1233	20.13	12.68	-3.95	2.26	6.47	-8.05	1392.40	135.26	1370.06	157.60	166.09
		1232	9.10	1.83	-6.35	-0.65	-3.87	-3.76	630.66	79.47	554.85	155.29	189.84
943	37	1166	6.00	1.74	-7.88	1.63	-7.76	1.05	433.31	116.79	404.12	145.97	91.57
		1199	14.35	5.73	1.12	5.57	1.27	-0.83	1076.17	392.62	1001.71	467.08	212.97
		1233	17.86	11.07	-3.42	2.16	5.50	-7.05	1238.55	124.34	1219.69	143.21	143.76
		1232	8.05	1.57	-5.57	-0.50	-3.49	-3.24	560.60	74.60	495.57	139.63	165.46
944	8	1199	20.53	8.51	-21.29	7.85	-20.64	-4.37	1576.30	750.72	1431.71	895.32	313.80
		38	56.98	104.31	27.64	28.28	103.67	-6.97	4167.90	1078.15	3535.30	1710.74	1246.75
		1234	61.15	33.95	-11.58	-10.62	32.99	6.55	3585.78	-683.53	3237.28	-335.03	-1168.93
		1233	32.84	32.75	-5.69	5.20	21.86	-17.32	2113.16	-39.47	2007.26	66.44	465.57
944	32	1199	15.29	6.21	-15.72	5.75	-15.26	-3.15	1174.19	563.60	1068.46	669.34	231.04
		38	42.45	76.53	20.49	20.94	76.07	-5.03	3105.39	803.57	2636.93	1272.03	926.75
		1234	45.62	25.15	-8.28	-7.64	24.52	4.57	2679.48	-506.77	2416.28	-243.57	-877.12
		1233	24.45	24.04	-4.19	3.93	15.92	-12.78	1575.19	-27.90	1497.38	49.91	344.50
944	37	1199	13.58	5.33	-13.70	4.97	-13.34	-2.60	1043.10	507.38	951.56	598.92	201.64
		38	37.71	65.87	18.08	18.44	65.50	-4.14	2759.03	715.09	2346.00	1128.11	820.73
		1234	40.59	22.12	-6.67	-6.24	21.69	3.49	2390.97	-445.68	2152.47	-207.18	-787.19
		1233	21.69	20.73	-3.60	3.63	13.50	-11.12	1400.52	-22.33	1332.67	45.52	303.20
945	8	38	97.58	148.21	63.26	110.67	100.80	42.19	6960.12	2014.50	6942.28	2032.34	296.50
		865	41.52	5.17	-6.36	2.85	-4.04	4.62	2262.60	-781.55	447.49	1033.56	-1493.60
		1235	43.73	68.61	-28.21	16.74	23.66	48.29	2861.35	269.10	2192.67	937.79	-1134.13
		1234	39.90	35.67	-53.94	-53.94	35.66	0.34	1913.61	-895.46	1391.38	-373.23	-1092.82
945	32	38	72.71	109.40	47.31	82.33	74.37	30.79	5190.12	1513.36	5178.33	1525.16	207.94
		865	30.93	3.97	-4.26	2.15	-2.44	3.41	1695.72	-568.73	334.40	792.59	-1108.80
		1235	32.69	50.74	-20.77	12.38	17.59	35.66	2139.00	199.25	1634.91	703.34	-850.71
		1234	29.76	26.46	-39.99	-39.99	26.46	0.16	1430.03	-666.62	1038.80	-275.39	-816.83
945	37	38	64.61	95.55	42.38	73.14	64.79	26.26	4617.21	1363.92	4608.60	1372.52	167.06
		865	27.45	3.72	-2.95	2.00	-1.22	2.92	1520.75	-484.98	298.69	737.08	-978.62

		1235	29.15	44.45	-17.99	10.90	15.56	31.13	1909.58	176.17	1454.07	631.69	-762.95
		1234	26.46	23.31	-35.20	-35.20	23.31	-0.02	1275.52	-590.46	925.35	-240.29	-728.55
946	8	865	25.10	46.30	-4.25	20.32	21.72	25.26	1894.36	844.99	1332.46	1406.88	-523.36
		866	17.30	12.43	-43.60	3.06	-34.23	20.91	938.70	-91.83	175.45	671.43	-451.66
		1236	28.62	21.59	-36.63	1.47	-16.51	27.69	1596.87	-262.06	419.42	915.40	-895.77
		1235	42.13	33.87	-28.39	-1.86	7.33	30.79	2405.73	-427.97	1377.84	599.92	-1362.42
946	32	865	18.80	34.39	-2.91	15.17	16.30	18.64	1420.08	634.03	994.02	1060.09	-391.63
		866	12.97	9.27	-32.19	2.32	-25.24	15.49	706.81	-65.83	130.61	510.37	-336.44
		1236	21.39	16.03	-27.13	1.07	-12.18	20.54	1195.22	-195.01	312.54	687.67	-669.33
		1235	31.45	25.11	-20.93	-1.40	5.58	22.76	1799.03	-316.58	1028.48	453.97	-1018.06
946	37	865	16.83	30.30	-2.07	13.59	14.64	16.18	1274.15	570.44	885.07	959.53	-349.88
		866	11.62	8.23	-28.03	2.14	-21.95	13.55	638.86	-54.37	115.96	468.54	-298.44
		1236	19.08	14.12	-23.79	0.94	-10.61	18.06	1068.95	-172.36	277.63	618.96	-596.73
		1235	28.01	22.11	-18.19	-1.21	5.14	19.90	1606.80	-277.06	916.22	413.51	-907.77
947	8	866	19.46	15.97	-41.30	4.15	-29.49	23.18	1100.62	-62.02	281.69	756.91	-530.54
		855	17.48	0.54	-80.59	0.53	-80.58	0.93	879.02	-94.25	9.78	774.99	-300.71
		1198	20.80	-0.42	-45.84	-0.59	-45.67	2.81	1139.06	-196.86	-70.81	1013.01	-390.52
		1236	32.40	19.17	-37.71	0.64	-19.18	26.66	1692.72	-507.80	381.56	803.37	-1079.86
947	32	866	14.57	11.90	-30.49	3.14	-21.73	17.17	826.72	-43.94	209.78	573.00	-395.64
		855	13.13	0.40	-59.87	0.40	-59.87	0.70	662.31	-69.39	7.32	585.60	-224.16
		1198	15.57	-0.31	-34.07	-0.44	-33.93	2.10	853.89	-146.33	-52.77	760.34	-291.25
		1236	24.20	14.24	-27.94	0.46	-14.15	19.78	1266.63	-377.50	284.50	604.63	-806.33
947	37	866	13.03	10.54	-26.54	2.86	-18.87	15.02	744.17	-35.24	186.27	522.66	-351.54
		855	11.81	0.36	-52.83	0.35	-52.82	0.63	599.27	-60.30	6.56	532.41	-199.06
		1198	13.92	-0.28	-30.09	-0.40	-29.97	1.87	765.67	-129.27	-46.84	683.24	-258.79
		1236	21.57	12.57	-24.51	0.39	-12.33	17.41	1132.26	-333.46	252.97	545.83	-718.08
948	8	1183	23.10	-82.32	-227.79	-123.16	-186.95	-65.37	929.09	71.34	231.20	769.24	334.01
		1211	15.44	108.07	-73.76	-23.92	58.23	-81.11	713.89	136.17	356.44	493.63	280.60
		1237	7.77	-22.62	-81.83	-54.34	-50.11	-29.53	288.84	19.92	130.01	178.76	132.23
		1184	6.31	79.13	19.77	74.49	24.41	15.93	159.31	-109.69	-107.53	157.15	-24.03
948	32	1183	17.31	-61.22	-169.40	-91.57	-139.05	-48.60	700.91	54.40	172.63	582.67	249.92
		1211	11.57	80.38	-54.85	-17.78	43.31	-60.32	539.40	102.18	265.81	375.77	211.59
		1237	5.83	-16.82	-60.85	-40.41	-37.26	-21.96	218.44	14.75	97.33	135.87	100.01
		1184	4.73	58.83	14.69	55.39	18.14	11.84	121.62	-81.69	-80.16	120.08	-17.61
948	37	1183	15.60	-54.12	-149.77	-80.92	-122.98	-42.95	641.22	50.77	154.11	537.88	224.36
		1211	10.42	71.08	-48.49	-15.71	38.30	-53.34	495.65	91.78	236.66	350.78	193.71
		1237	5.28	-14.85	-53.80	-35.72	-32.93	-19.42	201.39	12.74	87.59	126.55	92.29
		1184	4.24	51.98	12.96	48.94	16.00	10.45	114.43	-72.48	-71.28	113.24	-14.89
949	22	1211	15.40	25.56	-117.60	-108.95	16.91	-34.11	845.74	262.46	500.10	608.10	286.60
		1212	7.16	12.58	-56.70	-52.38	8.27	-16.74	431.96	337.03	337.03	431.96	0.13
		1238	3.51	16.61	-49.83	-37.10	3.88	-26.15	93.11	-0.34	1.56	91.21	13.21
		1237	4.75	22.90	-39.43	0.16	-16.69	-30.00	157.31	26.17	67.69	115.79	61.00
949	36	1211	11.54	19.09	-87.80	-81.35	12.63	-25.47	635.82	196.60	373.99	458.42	215.51
		1212	5.37	9.40	-42.32	-39.10	6.18	-12.50	325.82	251.95	251.99	325.78	1.76
		1238	2.62	12.41	-37.21	-27.70	2.90	-19.53	70.99	-0.26	1.44	69.29	10.88
		1237	3.57	17.10	-29.45	0.12	-12.47	-22.41	119.19	19.49	50.81	87.87	46.28
949	37	1211	10.46	17.44	-80.40	-74.47	11.52	-23.34	568.40	176.55	340.82	404.13	193.35
		1212	4.84	8.59	-38.80	-35.83	5.63	-11.48	286.69	230.05	230.18	286.55	-2.74
		1238	2.39	11.36	-34.09	-25.37	2.64	-17.89	60.68	0.56	1.56	59.68	7.70
		1237	3.21	15.65	-26.96	0.10	-11.41	-20.51	104.63	17.62	46.22	76.03	40.87
950	8	1212	6.97	22.96	-59.95	-57.03	20.05	-15.28	436.46	317.01	318.44	435.03	-12.98
		1213	9.69	20.02	-33.20	-32.48	19.30	-6.15	371.06	-197.81	-164.33	337.58	-133.89
		1239	8.47	13.93	-47.30	-42.25	8.87	-16.85	80.10	-335.28	-320.52	65.35	-76.89
		1238	3.86	16.44	-51.18	-36.12	1.39	-28.13	70.42	-12.77	-10.71	68.37	-12.91
950	32	1212	5.26	17.09	-44.56	-42.39	14.92	-11.35	330.55	236.89	237.34	330.11	-6.46
		1213	7.23	14.90	-24.65	-24.12	14.37	-4.56	278.81	-145.33	-122.29	255.77	-96.13
		1239	6.29	10.36	-35.16	-31.41	6.60	-12.52	60.43	-248.61	-238.54	50.36	-54.87
		1238	2.85	12.23	-38.05	-26.86	1.04	-20.92	54.12	-8.61	-7.63	53.14	-7.77
950	37	1212	4.81	15.13	-39.33	-37.42	13.22	-10.01	305.93	211.07	211.10	305.91	1.50
		1213	6.44	13.19	-21.72	-21.25	12.72	-4.00	252.69	-124.61	-108.11	236.18	-77.17
		1239	5.54	9.16	-31.07	-27.75	5.85	-11.06	55.40	-217.91	-210.92	48.40	-43.16
		1238	2.48	10.83	-33.64	-23.74	0.93	-18.50	52.14	-5.87	-5.75	52.02	-2.61
951	8	1213	9.81	20.39	-33.85	-33.14	19.68	-6.14	368.52	-206.29	-176.76	338.99	-126.88
		1214	14.74	14.18	-20.77	-20.71	14.11	-1.48	258.75	-726.17	-704.66	237.24	-143.96
		1240	14.41	7.92	-42.51	-41.23	6.64	-7.94	76.42	-763.85	-753.37	65.94	-93.25
		1239	8.56	12.91	-46.69	-41.43	7.65	-16.90	81.12	-345.58	-331.00	66.54	-77.51
951	32	1213	7.32	15.17	-25.13	-24.61	14.65	-4.55	277.05	-151.76	-131.54	256.83	-90.90
		1214	10.98	10.55	-15.40	-15.36	10.50	-1.08	194.66	-539.47	-524.57	179.77	-103.51
		1240	10.72	5.89	-31.59	-30.64	4.94	-5.89	57.46	-568.20	-561.01	50.27	-66.70
		1239	6.36	9.60	-34.71	-30.80	5.70	-12.56	61.20	-256.31	-246.36	51.24	-55.34
951	37	1213	6.52	13.42	-22.14	-21.69	12.97	-3.99	251.42	-130.59	-116.29	237.12	-72.51
		1214	9.74	9.33	-13.53	-13.49	9.29	-0.93	176.84	-475.56	-464.71	165.99	-83.40
		1240	9.49	5.21	-27.90	-27.06	4.37	-5.19	52.24	-502.28	-497.21	47.17	-52.80
		1239	5.60	8.49	-30.66	-27.22	5.05	-11.10	56.09	-224.81	-217.87	49.16	-43.59
952	8	1214	14.76	13.92	-21.05	-20.98	13.85	-1.56	256.54	-728.40	-707.92	236.05	-140.56
		1215	20.27	7.95	-15.06	-15.03	7.92	0.83	153.50	-1203.94	-1192.91	142.47	-121.85
		1241	20.60	3.79	-40.24	-40.12	3.67	-2.27	59.74	-1201.42	-1196.56	54.88	-78.18

		1240	14.47	7.58	-42.37	-41.07	6.28	-7.95	76.07	-769.40	-759.25	65.92	-92.07
952	32	1214	10.99	10.36	-15.61	-15.56	10.31	-1.14	193.05	-541.14	-526.98	178.89	-100.98
		1215	15.09	5.92	-11.16	-11.14	5.89	0.63	115.90	-895.54	-887.97	108.33	-87.14
		1241	15.33	2.82	-29.90	-29.81	2.73	-1.67	44.86	-894.33	-891.06	41.59	-55.33
		1240	10.77	5.64	-31.49	-30.53	4.67	-5.90	57.21	-572.36	-565.39	50.25	-65.84
952	37	1214	9.75	9.17	-13.72	-13.68	9.12	-0.98	175.48	-477.08	-466.84	165.24	-81.13
		1215	13.38	5.24	-9.78	-9.76	5.21	0.59	106.09	-791.98	-786.65	100.77	-68.96
		1241	13.58	2.49	-26.39	-26.32	2.42	-1.46	40.69	-792.13	-789.98	38.54	-42.30
		1240	9.53	4.98	-27.81	-26.96	4.14	-5.20	52.05	-506.00	-501.10	47.15	-52.06
953	8	1215	20.28	7.89	-15.24	-15.22	7.86	0.79	152.86	-1204.31	-1193.54	142.09	-120.44
		1216	25.58	3.96	-13.06	-12.81	3.72	2.04	72.44	-1620.16	-1614.88	67.17	-94.34
		1242	26.36	1.63	-39.27	-39.25	1.62	0.69	38.44	-1604.63	-1602.80	36.60	-54.86
		1241	20.63	3.72	-40.23	-40.11	3.59	-2.33	59.15	-1204.08	-1199.28	54.35	-77.70
953	32	1215	15.10	5.87	-11.30	-11.27	5.85	0.60	115.43	-895.82	-888.44	108.05	-86.07
		1216	19.04	2.95	-9.67	-9.48	2.76	1.53	55.24	-1205.55	-1201.99	51.69	-66.86
		1242	19.63	1.21	-29.17	-29.16	1.20	0.52	28.85	-1194.69	-1193.51	27.67	-37.99
		1241	15.36	2.76	-29.89	-29.80	2.67	-1.72	44.43	-896.32	-893.09	41.20	-54.99
953	37	1215	13.38	5.20	-9.90	-9.88	5.17	0.57	105.71	-792.23	-787.05	100.53	-68.00
		1216	16.88	2.62	-8.47	-8.29	2.45	1.39	51.65	-1067.10	-1064.74	49.29	-51.31
		1242	17.39	1.07	-25.74	-25.73	1.06	0.49	26.16	-1058.77	-1058.11	25.50	-26.86
		1241	13.61	2.44	-26.39	-26.31	2.37	-1.50	40.32	-793.90	-791.78	38.20	-42.03
954	8	1216	25.59	3.99	-13.16	-12.92	3.75	2.02	72.52	-1620.10	-1614.89	67.31	-93.72
		1217	30.31	1.94	-12.69	-12.19	1.43	2.66	14.51	-1971.37	-1968.95	12.08	-69.36
		1243	31.37	0.64	-38.55	-38.45	0.55	1.96	18.17	-1953.20	-1952.63	17.59	-33.67
		1242	26.38	1.64	-39.27	-39.26	1.63	0.63	38.09	-1605.81	-1603.97	36.24	-55.07
954	32	1216	19.05	2.98	-9.75	-9.57	2.79	1.52	55.31	-1205.50	-1202.00	51.80	-66.38
		1217	22.56	1.45	-9.40	-9.02	1.07	2.00	11.89	-1467.04	-1465.44	10.30	-48.53
		1243	23.35	0.48	-28.63	-28.56	0.41	1.47	13.63	-1454.24	-1453.90	13.29	-22.35
		1242	19.64	1.22	-29.17	-29.17	1.21	0.48	28.59	-1195.57	-1194.38	27.40	-38.16
954	37	1216	16.88	2.64	-8.54	-8.37	2.47	1.38	51.73	-1067.05	-1064.73	49.41	-50.87
		1217	19.99	1.30	-8.24	-7.89	0.94	1.80	12.75	-1298.93	-1297.97	11.79	-35.55
		1243	20.69	0.43	-25.25	-25.18	0.36	1.33	12.40	-1288.97	-1288.83	12.27	-13.19
		1242	17.40	1.08	-25.74	-25.74	1.07	0.45	25.94	-1059.55	-1058.88	25.27	-27.05
955	8	1217	30.32	1.98	-12.74	-12.25	1.49	2.65	14.79	-1971.25	-1968.85	12.39	-68.92
		1218	34.27	1.06	-12.82	-12.15	0.40	2.97	-25.30	-2256.65	-2255.61	-26.35	-48.22
		1244	35.47	0.25	-37.73	-37.58	0.09	2.40	1.42	-2238.72	-2238.58	1.28	-17.60
		1243	31.37	0.67	-38.54	-38.45	0.57	1.92	18.06	-1953.69	-1953.10	17.47	-34.13
955	32	1217	22.57	1.48	-9.44	-9.07	1.10	1.99	12.11	-1466.94	-1465.37	10.53	-48.19
		1218	25.51	0.80	-9.50	-8.99	0.30	2.23	-17.89	-1679.36	-1678.70	-18.55	-33.11
		1244	26.41	0.18	-28.02	-27.90	0.07	1.80	1.06	-1666.77	-1666.70	0.99	-10.60
		1243	23.36	0.50	-28.63	-28.56	0.43	1.44	13.55	-1454.61	-1454.25	13.20	-22.71
955	37	1217	19.99	1.33	-8.27	-7.92	0.98	1.79	12.95	-1298.84	-1297.90	12.01	-35.23
		1218	22.60	0.73	-8.33	-7.86	0.26	2.00	-13.97	-1487.04	-1486.70	-14.32	-22.46
		1244	23.40	0.17	-24.70	-24.60	0.06	1.61	1.05	-1477.30	-1477.30	1.04	-3.15
		1243	20.70	0.44	-25.25	-25.19	0.38	1.30	12.33	-1289.29	-1289.15	12.19	-13.55
956	8	1218	34.27	1.10	-12.84	-12.18	0.43	2.96	-25.02	-2256.53	-2255.50	-26.05	-47.89
		1219	37.36	0.76	-12.98	-12.24	0.01	3.10	-51.92	-2475.87	-2475.49	-52.30	-30.51
		1245	38.62	0.12	-36.79	-36.62	-0.05	2.48	-11.28	-2458.15	-2458.13	-11.30	-6.80
		1244	35.47	0.26	-37.73	-37.58	0.11	2.37	1.45	-2238.91	-2238.76	1.30	-18.24
956	32	1218	25.51	0.82	-9.52	-9.01	0.32	2.22	-17.68	-1679.27	-1678.62	-18.33	-32.85
		1219	27.81	0.57	-9.62	-9.06	0.01	2.33	-37.81	-1842.48	-1842.25	-38.03	-20.27
		1245	28.75	0.09	-27.31	-27.19	-0.04	1.86	-8.47	-1830.04	-1830.04	-8.47	-2.84
		1244	26.41	0.20	-28.02	-27.90	0.08	1.78	1.08	-1666.91	-1666.84	1.01	-11.09
956	37	1218	22.60	0.75	-8.34	-7.88	0.29	2.00	-13.78	-1486.96	-1486.63	-14.12	-22.20
		1219	24.63	0.53	-8.43	-7.91	9.01e-03	2.09	-31.84	-1631.47	-1631.38	-31.92	-11.71
		1245	25.47	0.08	-24.07	-23.95	-0.03	1.66	-7.56	-1621.88	-1621.88	-7.57	3.25
		1244	23.40	0.18	-24.70	-24.60	0.07	1.60	1.07	-1477.43	-1477.42	1.06	-3.62
957	8	1219	37.36	0.77	-12.98	-12.25	0.04	3.10	-51.70	-2475.78	-2475.40	-52.08	-30.24
		1220	39.54	0.69	-13.05	-12.29	-0.08	3.16	-69.22	-2629.17	-2629.08	-69.32	-15.34
		1246	40.79	0.10	-35.77	-35.60	-0.07	2.44	-20.30	-2610.67	-2610.67	-20.30	-0.27
		1245	38.62	0.13	-36.79	-36.62	-0.04	2.47	-11.19	-2458.22	-2458.20	-11.21	-7.53
957	32	1219	27.81	0.59	-9.62	-9.06	0.03	2.32	-37.64	-1842.40	-1842.18	-37.87	-20.05
		1220	29.43	0.52	-9.67	-9.09	-0.06	2.37	-50.76	-1956.49	-1956.45	-50.80	-9.34
		1246	30.36	0.08	-26.55	-26.42	-0.05	1.83	-15.24	-1943.48	-1943.48	-15.24	1.71
		1245	28.75	0.10	-27.31	-27.19	-0.03	1.85	-8.40	-1830.10	-1830.09	-8.41	-3.40
957	37	1219	24.63	0.54	-8.43	-7.92	0.02	2.09	-31.69	-1631.40	-1631.32	-31.77	-11.49
		1220	26.06	0.48	-8.48	-7.94	-0.05	2.12	-43.45	-1732.33	-1732.32	-43.46	-2.68
		1246	26.89	0.07	-23.38	-23.26	-0.04	1.64	-13.68	-1722.24	-1722.21	-13.71	6.73
		1245	25.47	0.09	-24.06	-23.95	-0.03	1.66	-7.50	-1621.93	-1621.93	-7.50	2.72
958	8	1220	39.54	0.70	-13.05	-12.29	-0.07	3.15	-69.08	-2629.10	-2629.01	-69.17	-14.96
		1221	40.78	0.71	-13.04	-12.27	-0.07	3.17	-80.03	-2716.68	-2716.68	-80.03	-1.72
		1247	41.98	0.12	-34.71	-34.54	-0.04	2.40	-26.29	-2696.34	-2696.33	-26.29	3.36
		1246	40.79	0.11	-35.77	-35.60	-0.06	2.44	-20.20	-2610.71	-2610.71	-20.20	-0.89
958	32	1220	29.43	0.53	-9.67	-9.09	-0.05	2.37	-50.65	-1956.43	-1956.39	-50.69	-9.03
		1221	30.34	0.54	-9.66	-9.08	-0.05	2.38	-58.85	-2021.52	-2021.52	-58.85	0.44
		1247	31.24	0.09	-25.75	-25.62	-0.03	1.80	-19.73	-2007.14	-2007.13	-19.74	4.08
		1246	30.36	0.08	-26.54	-26.42	-0.05	1.83	-15.16	-1943.51	-1943.51	-15.17	1.24

958	37	1220	26.06	0.49	-8.48	-7.94	-0.05	2.12	-43.36	-1732.27	-1732.27	-43.36	-2.38
		1221	26.87	0.50	-8.47	-7.93	-0.05	2.14	-50.71	-1789.76	-1789.74	-50.73	5.30
		1247	27.67	0.09	-22.66	-22.55	-0.03	1.61	-17.75	-1778.44	-1778.40	-17.79	8.22
		1246	26.90	0.07	-23.38	-23.26	-0.04	1.64	-13.61	-1722.26	-1722.24	-13.64	6.27
959	8	1221	40.78	0.71	-13.04	-12.27	-0.06	3.17	-79.95	-2716.62	-2716.62	-79.95	-1.38
		1222	41.06	0.75	-12.98	-12.20	-0.03	3.18	-86.19	-2738.52	-2738.48	-86.24	10.83
		1248	42.18	0.15	-33.62	-33.46	-0.02	2.37	-29.84	-2715.35	-2715.34	-29.85	4.97
		1247	41.98	0.12	-34.70	-34.54	-0.04	2.40	-26.19	-2696.37	-2696.37	-26.20	2.69
959	32	1221	30.34	0.54	-9.66	-9.08	-0.05	2.38	-58.78	-2021.48	-2021.47	-58.78	0.71
		1222	30.55	0.57	-9.62	-9.03	-0.02	2.38	-63.46	-2037.65	-2037.61	-63.50	9.41
		1248	31.39	0.11	-24.94	-24.81	-0.01	1.78	-22.41	-2021.16	-2021.15	-22.42	4.94
		1247	31.24	0.09	-25.75	-25.62	-0.03	1.80	-19.66	-2007.16	-2007.16	-19.67	3.57
959	37	1221	26.87	0.50	-8.47	-7.93	-0.04	2.14	-50.65	-1789.71	-1789.70	-50.67	5.57
		1222	27.05	0.52	-8.43	-7.88	-0.02	2.14	-54.86	-1803.84	-1803.75	-54.95	12.55
		1248	27.80	0.10	-21.93	-21.82	-0.01	1.59	-20.18	-1790.64	-1790.60	-20.22	8.34
		1247	27.67	0.09	-22.66	-22.55	-0.03	1.61	-17.69	-1778.46	-1778.43	-17.72	7.73
960	8	1222	41.06	0.75	-12.98	-12.20	-0.03	3.18	-86.16	-2738.48	-2738.43	-86.20	11.13
		1223	40.38	0.78	-12.90	-12.12	-2.85e-03	3.17	-88.80	-2694.77	-2694.57	-89.00	22.80
		1249	41.40	0.18	-32.54	-32.37	5.36e-03	2.36	-31.41	-2667.87	-2667.86	-31.42	5.47
		1248	42.18	0.15	-33.62	-33.46	-0.02	2.37	-29.77	-2715.40	-2715.39	-29.78	4.25
960	32	1222	30.55	0.57	-9.62	-9.03	-0.02	2.38	-63.43	-2037.61	-2037.57	-63.48	9.65
		1223	30.05	0.59	-9.56	-8.97	-2.15e-03	2.38	-65.42	-2004.95	-2004.78	-65.59	17.94
		1249	30.81	0.13	-24.13	-24.00	3.94e-03	1.77	-23.59	-1985.69	-1985.67	-23.60	4.96
		1248	31.39	0.11	-24.94	-24.81	-0.01	1.77	-22.35	-2021.20	-2021.19	-22.36	4.39
960	37	1222	27.05	0.52	-8.43	-7.88	-0.02	2.14	-54.83	-1803.81	-1803.71	-54.93	12.79
		1223	26.60	0.54	-8.37	-7.83	-1.93e-03	2.13	-56.63	-1774.64	-1774.42	-56.85	19.41
		1249	27.28	0.12	-21.20	-21.09	3.41e-03	1.59	-21.27	-1758.98	-1758.94	-21.31	7.70
		1248	27.80	0.10	-21.93	-21.82	-0.01	1.59	-20.13	-1790.67	-1790.64	-20.17	7.82
961	8	1223	40.38	0.78	-12.90	-12.12	-1.38e-03	3.17	-88.81	-2694.73	-2694.52	-89.02	23.21
		1224	38.75	0.78	-12.82	-12.04	5.80e-03	3.15	-88.34	-2585.45	-2584.97	-88.82	34.73
		1250	39.65	0.20	-31.47	-31.29	0.02	2.37	-31.16	-2554.03	-2554.02	-31.17	5.83
		1249	41.41	0.18	-32.54	-32.37	6.08e-03	2.36	-31.35	-2667.93	-2667.92	-31.36	4.88
961	32	1223	30.05	0.59	-9.56	-8.96	-1.07e-03	2.38	-65.43	-2004.92	-2004.74	-65.60	18.26
		1224	28.83	0.59	-9.50	-8.91	4.42e-03	2.36	-65.09	-1923.43	-1923.06	-65.47	26.44
		1250	29.50	0.15	-23.32	-23.19	0.01	1.77	-23.42	-1900.81	-1900.80	-23.43	4.87
		1249	30.81	0.13	-24.13	-24.00	4.47e-03	1.77	-23.55	-1985.73	-1985.72	-23.56	4.51
961	37	1223	26.60	0.54	-8.37	-7.83	-9.92e-04	2.13	-56.63	-1774.62	-1774.39	-56.86	19.72
		1224	25.51	0.55	-8.32	-7.77	4.10e-03	2.12	-56.36	-1702.19	-1701.77	-56.78	26.23
		1250	26.12	0.14	-20.48	-20.36	0.01	1.59	-21.15	-1683.54	-1683.51	-21.18	6.95
		1249	27.28	0.12	-21.20	-21.08	3.88e-03	1.59	-21.23	-1759.02	-1758.99	-21.27	7.26
962	8	1224	38.75	0.78	-12.82	-12.04	9.40e-03	3.15	-88.39	-2585.42	-2584.93	-88.88	35.08
		1225	36.15	0.73	-12.76	-11.99	-0.04	3.11	-84.71	-2410.61	-2409.67	-85.65	46.84
		1251	36.90	0.19	-30.42	-30.24	9.78e-03	2.37	-29.08	-2373.77	-2373.75	-29.10	6.61
		1250	39.65	0.20	-31.47	-31.29	0.02	2.37	-31.12	-2554.11	-2554.09	-31.13	5.18
962	32	1224	28.83	0.60	-9.50	-8.91	7.07e-03	2.36	-65.13	-1923.41	-1923.03	-65.52	26.72
		1225	26.89	0.55	-9.45	-8.87	-0.03	2.33	-62.41	-1793.14	-1792.43	-63.12	35.08
		1251	27.46	0.15	-22.54	-22.40	7.43e-03	1.77	-21.88	-1766.48	-1766.47	-21.89	5.09
		1250	29.50	0.15	-23.32	-23.19	0.01	1.77	-23.39	-1900.86	-1900.85	-23.40	4.37
962	37	1224	25.51	0.55	-8.32	-7.77	6.42e-03	2.12	-56.39	-1702.17	-1701.74	-56.82	26.50
		1225	23.80	0.51	-8.27	-7.74	-0.02	2.10	-53.99	-1586.51	-1585.79	-54.71	33.17
		1251	24.30	0.13	-19.78	-19.65	6.84e-03	1.59	-19.80	-1564.28	-1564.25	-19.82	6.46
		1250	26.12	0.14	-20.48	-20.36	0.01	1.59	-21.12	-1683.59	-1683.56	-21.15	6.47
963	8	1225	36.15	0.73	-12.76	-12.00	-0.03	3.11	-84.80	-2410.60	-2409.64	-85.76	47.14
		1226	32.60	0.54	-12.70	-11.97	-0.19	3.03	-77.20	-2170.30	-2168.61	-78.90	59.57
		1252	33.18	0.13	-29.40	-29.22	-0.05	2.32	-24.93	-2126.89	-2126.85	-24.96	8.67
		1251	36.91	0.20	-30.42	-30.23	0.01	2.37	-29.07	-2373.86	-2373.84	-29.08	5.90
963	32	1225	26.89	0.56	-9.45	-8.87	-0.02	2.34	-62.48	-1793.13	-1792.40	-63.20	35.32
		1226	24.25	0.41	-9.41	-8.85	-0.14	2.27	-56.83	-1614.10	-1612.84	-58.09	44.17
		1252	24.68	0.10	-21.77	-21.63	-0.04	1.74	-18.79	-1582.57	-1582.54	-18.81	6.25
		1251	27.46	0.15	-22.53	-22.39	0.01	1.78	-21.86	-1766.55	-1766.54	-21.87	4.54
963	37	1225	23.80	0.52	-8.27	-7.74	-0.02	2.10	-54.05	-1586.50	-1585.77	-54.78	33.40
		1226	21.45	0.39	-8.23	-7.72	-0.12	2.04	-49.06	-1427.63	-1426.44	-50.26	40.51
		1252	21.84	0.10	-19.09	-18.96	-0.03	1.56	-17.06	-1401.08	-1401.05	-17.09	6.81
		1251	24.30	0.14	-19.77	-19.65	9.60e-03	1.59	-19.78	-1564.34	-1564.32	-19.80	5.95
964	8	1226	32.60	0.55	-12.71	-11.97	-0.18	3.03	-77.35	-2170.30	-2168.59	-79.07	59.95
		1227	28.10	0.08	-12.60	-11.93	-0.59	2.85	-64.32	-1864.62	-1861.61	-67.33	73.63
		1253	28.47	-0.06	-28.42	-28.26	-0.22	2.13	-18.26	-1813.12	-1813.03	-18.36	13.12
		1252	33.18	0.14	-29.40	-29.22	-0.04	2.33	-24.92	-2126.99	-2126.96	-24.95	8.04
964	32	1226	24.24	0.42	-9.41	-8.85	-0.13	2.27	-56.95	-1614.10	-1612.83	-58.22	44.47
		1227	20.89	0.08	-9.33	-8.82	-0.44	2.14	-47.27	-1386.38	-1384.18	-49.48	54.25
		1253	21.17	-0.04	-21.03	-20.91	-0.17	1.60	-13.82	-1348.86	-1348.79	-13.88	9.21
		1252	24.68	0.11	-21.77	-21.63	-0.03	1.75	-18.78	-1582.64	-1582.62	-18.80	5.77
964	37	1226	21.45	0.40	-8.24	-7.72	-0.11	2.04	-49.17	-1427.63	-1426.42	-50.38	40.80
		1227	18.47	0.10	-8.17	-7.69	-0.38	1.92	-40.61	-1225.61	-1223.60	-42.62	48.72
		1253	18.73	-0.03	-18.43	-18.31	-0.14	1.44	-12.64	-1193.77	-1193.71	-12.71	8.75
		1252	21.84	0.10	-19.09	-18.96	-0.03	1.57	-17.05	-1401.15	-1401.12	-17.08	6.35
965	8	1227	28.10	0.10	-12.62	-11.92	-0.59	2.89	-64.57	-1864.67	-1861.08	-68.16	80.30

		1228	22.66	-0.85	-12.31	-11.73	-1.44	2.52	-43.33	-1493.81	-1487.59	-49.55	94.80
		1254	22.77	-0.50	-27.55	-27.44	-0.61	1.71	-8.42	-1431.53	-1431.07	-8.88	25.64
		1253	28.47	-0.05	-28.42	-28.24	-0.23	2.24	-18.21	-1813.27	-1813.08	-18.41	18.78
965	32	1227	20.89	0.09	-9.34	-8.81	-0.44	2.17	-47.46	-1386.41	-1383.79	-50.09	59.23
		1228	16.84	-0.62	-9.12	-8.67	-1.06	1.90	-31.71	-1110.15	-1105.63	-36.22	69.63
		1254	16.93	-0.37	-20.38	-20.30	-0.45	1.29	-6.49	-1064.65	-1064.33	-6.80	18.17
		1253	21.18	-0.04	-21.03	-20.90	-0.17	1.68	-13.78	-1348.97	-1348.84	-13.92	13.40
965	37	1227	18.47	0.11	-8.18	-7.69	-0.38	1.96	-40.77	-1225.64	-1223.25	-43.16	53.16
		1228	14.88	-0.51	-7.98	-7.56	-0.93	1.71	-26.84	-980.57	-976.57	-30.84	61.62
		1254	14.96	-0.32	-17.83	-17.75	-0.40	1.17	-6.12	-941.70	-941.43	-6.40	16.02
		1253	18.73	-0.02	-18.42	-18.30	-0.15	1.51	-12.61	-1193.88	-1193.74	-12.74	12.43
966	8	1228	22.67	-0.84	-12.34	-11.89	-1.30	2.25	-43.70	-1494.44	-1492.20	-45.93	56.85
		1229	16.32	-2.49	-11.09	-10.75	-2.82	1.66	-9.05	-1060.16	-1052.61	-16.60	88.77
		1255	16.04	-1.26	-26.64	-26.64	-1.26	-0.07	3.93	-980.85	-980.74	3.82	10.49
		1254	22.77	-0.50	-27.55	-27.51	-0.54	1.02	-8.31	-1431.42	-1431.31	-8.42	-12.55
966	32	1228	16.85	-0.60	-9.14	-8.79	-0.96	1.70	-31.98	-1110.61	-1109.02	-33.57	41.42
		1229	12.12	-1.83	-8.21	-7.95	-2.09	1.26	-6.27	-787.02	-781.61	-11.68	64.78
		1255	11.92	-0.93	-19.69	-19.69	-0.93	-0.02	2.68	-728.96	-728.90	2.62	6.57
		1254	16.93	-0.37	-20.38	-20.35	-0.40	0.78	-6.41	-1064.57	-1064.47	-6.51	-10.25
966	37	1228	14.89	-0.50	-8.00	-7.67	-0.83	1.54	-27.09	-980.99	-979.57	-28.50	36.70
		1229	10.69	-1.58	-7.18	-6.93	-1.83	1.16	-4.30	-693.85	-689.16	-8.99	56.66
		1255	10.52	-0.81	-17.21	-17.21	-0.81	0.02	2.03	-643.97	-643.93	1.99	5.17
		1254	14.96	-0.31	-17.83	-17.80	-0.34	0.72	-6.05	-941.63	-941.54	-6.13	-9.13
967	8	1229	16.32	-2.52	-11.14	-10.69	-2.97	1.91	-9.52	-1060.39	-1046.88	-23.03	118.36
		1230	9.27	-4.85	-9.36	-9.28	-4.93	0.61	54.40	-567.10	-532.95	20.24	141.65
		1256	8.40	-1.95	-26.16	-26.09	-2.02	-1.30	18.02	-469.50	-464.00	12.53	51.46
		1255	16.05	-1.29	-26.63	-26.61	-1.31	0.67	4.65	-981.08	-979.60	3.18	38.12
967	32	1229	12.12	-1.85	-8.25	-7.91	-2.20	1.44	-6.62	-787.19	-777.42	-16.39	86.79
		1230	6.86	-3.59	-6.93	-6.86	-3.66	0.48	40.59	-419.45	-394.74	15.88	103.72
		1256	6.22	-1.45	-19.33	-19.28	-1.50	-0.94	13.04	-347.95	-344.17	9.27	36.72
		1255	11.92	-0.95	-19.69	-19.67	-0.97	0.52	3.22	-729.14	-728.13	2.22	27.09
967	37	1229	10.69	-1.60	-7.22	-6.89	-1.93	1.32	-4.61	-694.01	-685.49	-13.12	76.13
		1230	6.02	-3.14	-6.05	-5.97	-3.22	0.47	36.93	-367.56	-346.23	15.60	90.40
		1256	5.46	-1.28	-16.87	-16.83	-1.32	-0.79	11.17	-305.92	-302.81	8.07	31.22
		1255	10.52	-0.83	-17.21	-17.19	-0.85	0.50	2.51	-644.13	-643.30	1.67	23.25
968	8	1230	9.30	-5.01	-9.37	-9.28	-5.10	0.61	54.73	-568.77	-536.43	22.39	138.28
		1231	4.87	-4.84	-8.29	-6.74	-6.39	-1.72	242.67	-105.77	54.47	82.43	173.66
		1257	3.54	-1.48	-26.39	-25.67	-2.20	-4.17	146.76	-18.65	116.98	11.13	63.55
		1256	8.39	-2.05	-26.12	-26.03	-2.14	-1.50	19.29	-468.83	-463.92	14.37	48.74
968	32	1230	6.88	-3.71	-6.94	-6.86	-3.78	0.48	40.84	-420.70	-397.31	17.45	101.24
		1231	3.57	-3.62	-6.11	-4.98	-4.75	-1.24	180.03	-75.10	42.66	62.27	127.18
		1257	2.62	-1.11	-19.49	-18.96	-1.64	-3.07	109.08	-12.17	88.54	8.36	45.48
		1256	6.22	-1.52	-19.30	-19.23	-1.59	-1.09	13.98	-347.45	-344.09	10.62	34.69
968	37	1230	6.04	-3.24	-6.06	-5.98	-3.32	0.48	37.15	-368.68	-348.49	16.96	88.24
		1231	3.12	-3.22	-5.30	-4.32	-4.20	-1.04	160.04	-61.58	41.54	56.92	110.54
		1257	2.31	-1.00	-16.99	-16.53	-1.46	-2.67	97.50	-8.99	81.01	7.50	38.52
		1256	5.46	-1.34	-16.84	-16.79	-1.40	-0.92	11.99	-305.47	-302.73	9.24	29.40
969	8	1231	4.93	-5.04	-8.48	-6.61	-6.91	-1.71	244.89	-108.45	49.99	86.45	175.73
		1232	12.31	2.13	-9.29	-3.50	-3.66	-5.71	834.25	76.76	768.27	142.75	213.60
		1258	12.86	1.56	-28.02	-26.67	0.22	-6.16	752.28	-24.99	750.18	-22.89	40.28
		1257	3.64	-1.55	-26.34	-25.57	-2.32	-4.32	153.33	-19.90	121.45	11.97	67.12
969	32	1231	3.62	-3.76	-6.25	-4.88	-5.13	-1.24	181.67	-77.10	39.30	65.27	128.73
		1232	9.15	1.54	-6.87	-2.56	-2.76	-4.20	621.83	59.79	574.16	107.46	156.59
		1258	9.58	1.14	-20.69	-19.69	0.14	-4.56	561.57	-18.04	560.22	-16.69	27.99
		1257	2.69	-1.16	-19.45	-18.88	-1.73	-3.18	113.92	-13.07	91.85	8.99	48.11
969	37	1231	3.16	-3.33	-5.43	-4.23	-4.53	-1.04	161.48	-63.37	38.53	59.58	111.93
		1232	8.11	1.31	-5.99	-2.17	-2.51	-3.65	553.42	56.85	512.82	97.45	136.06
		1258	8.51	0.97	-18.04	-17.15	0.09	-4.01	500.56	-15.29	499.56	-14.29	22.69
		1257	2.38	-1.04	-16.96	-16.46	-1.54	-2.76	101.72	-9.73	83.92	8.06	40.82
970	8	1232	12.36	2.15	-10.13	-2.84	-5.14	-6.03	843.09	89.74	760.53	172.30	235.33
		1233	25.55	16.90	-7.97	-3.02	11.95	-9.93	1710.91	96.88	1691.59	116.20	175.53
		1259	22.22	6.20	-30.21	-29.98	5.96	-2.90	1330.80	-82.29	1322.89	-74.39	-105.41
		1258	13.36	2.35	-28.24	-26.53	0.64	-7.03	774.11	-42.79	769.99	-38.67	57.85
970	32	1232	9.19	1.56	-7.49	-2.08	-3.85	-4.44	628.26	69.63	568.41	129.48	172.78
		1233	19.03	12.44	-5.88	-2.17	8.74	-7.36	1275.90	74.38	1262.10	88.18	128.01
		1259	16.57	4.58	-22.32	-22.14	4.40	-2.19	993.31	-60.81	987.12	-54.61	-80.58
		1258	9.95	1.71	-20.85	-19.58	0.44	-5.20	577.78	-31.31	575.00	-28.53	41.10
970	37	1232	8.14	1.34	-6.55	-1.75	-3.45	-3.85	558.93	65.81	507.71	117.03	150.45
		1233	16.89	10.79	-5.09	-1.76	7.46	-6.47	1135.13	69.56	1123.57	81.12	110.37
		1259	14.72	4.01	-19.47	-19.30	3.84	-2.01	884.67	-53.18	878.82	-47.33	-73.83
		1258	8.84	1.46	-18.18	-17.06	0.33	-4.57	514.89	-27.10	512.71	-24.91	34.36
971	8	1233	28.44	19.53	-10.11	-5.70	15.11	-10.56	1882.32	74.29	1876.13	80.49	105.64
		1234	35.37	36.61	-14.10	-12.65	35.17	8.43	2329.47	159.44	2249.46	239.45	-408.93
		1260	28.75	9.62	-29.31	-28.01	8.32	7.00	1705.30	-178.44	1630.06	-103.20	-368.87
		1259	21.59	6.38	-30.08	-29.92	6.22	-2.43	1285.35	-86.35	1280.11	-81.10	-84.64
971	32	1233	21.19	14.42	-7.44	-4.11	11.08	-7.86	1404.24	57.55	1399.98	61.80	75.57
		1234	26.36	27.02	-10.38	-9.34	25.99	6.14	1738.34	121.27	1677.62	181.99	-307.42

		1260	21.45	7.10	-21.63	-20.68	6.16	5.12	1273.47	-132.79	1216.65	-75.96	-276.91
		1259	16.09	4.71	-22.24	-22.11	4.58	-1.83	959.12	-63.81	954.99	-59.68	-64.88
971	37	1233	18.81	12.60	-6.42	-3.37	9.55	-6.98	1249.97	54.70	1246.61	58.06	63.29
		1234	23.42	23.57	-8.98	-8.13	22.71	5.21	1547.67	111.94	1492.38	167.24	-276.27
		1260	19.09	6.21	-18.83	-18.04	5.42	4.37	1134.93	-117.52	1083.57	-66.16	-248.37
		1259	14.30	4.10	-19.44	-19.33	3.98	-1.65	853.85	-55.85	849.93	-51.93	-59.57
972	8	1234	40.96	39.81	-7.14	-3.81	36.49	12.05	2718.27	151.29	2650.17	219.38	-412.52
		1235	36.83	35.42	-29.08	-8.74	15.08	29.97	2163.74	-234.16	1470.51	459.08	-1087.08
		1261	26.36	17.73	-31.08	-19.11	5.75	21.01	1585.63	-81.00	1388.44	116.19	-538.29
		1260	26.98	10.29	-34.87	-33.93	9.35	6.43	1553.09	-202.77	1472.91	-122.59	-366.55
972	32	1234	30.54	29.39	-5.15	-2.75	26.99	8.78	2029.22	115.53	1977.45	167.31	-310.49
		1235	27.50	26.26	-21.43	-6.48	11.30	22.13	1617.99	-172.20	1097.92	347.88	-812.75
		1261	19.67	13.12	-22.99	-14.16	4.28	15.52	1184.17	-60.07	1036.03	88.06	-402.95
		1260	20.13	7.61	-25.78	-25.10	6.93	4.70	1159.79	-151.09	1099.23	-90.52	-275.19
972	37	1234	27.15	25.64	-4.23	-2.24	23.65	7.46	1807.90	107.34	1760.62	154.61	-279.57
		1235	24.48	23.10	-18.61	-5.67	10.15	19.29	1445.09	-149.03	978.44	317.63	-725.35
		1261	17.50	11.49	-20.11	-12.42	3.80	13.56	1055.26	-52.73	922.23	80.29	-360.13
		1260	17.90	6.66	-22.55	-21.98	6.09	4.03	1033.47	-133.98	978.71	-79.22	-246.84
973	8	1235	34.18	40.38	-27.59	-1.82	14.61	32.98	2103.78	-29.96	1510.72	563.10	-955.89
		1236	25.37	17.66	-37.97	-0.51	-19.80	26.09	1396.30	-240.34	401.57	754.39	-799.08
		1262	17.65	14.21	-27.20	-7.38	-5.61	20.68	1030.60	-60.12	623.56	346.93	-527.53
		1261	25.94	15.02	-33.29	-22.96	4.69	19.80	1506.38	-159.12	1278.74	68.52	-572.11
973	32	1235	25.52	29.92	-20.34	-1.36	10.94	24.36	1572.91	-20.60	1127.19	425.12	-715.26
		1236	18.96	13.12	-28.11	-0.38	-14.60	19.35	1045.56	-177.93	299.64	568.00	-596.85
		1262	13.18	10.54	-20.16	-5.48	-4.14	15.33	770.50	-44.63	465.37	260.50	-394.48
		1261	19.36	11.12	-24.63	-17.01	3.50	14.64	1125.49	-118.33	954.67	52.48	-428.11
973	37	1235	22.73	26.28	-17.66	-1.17	9.80	21.27	1404.47	-15.14	1003.46	385.88	-639.12
		1236	16.91	11.59	-24.64	-0.33	-12.72	17.02	935.81	-155.99	266.72	513.10	-531.82
		1262	11.74	9.28	-17.72	-4.84	-3.61	13.49	687.65	-39.23	414.27	234.16	-352.11
		1261	17.23	9.76	-21.56	-14.93	3.13	12.80	1003.62	-104.55	850.46	48.61	-382.45
974	8	1236	27.39	20.03	-38.33	-0.22	-18.08	27.78	1500.96	-280.05	436.06	784.86	-873.26
		1198	17.02	0.33	-44.48	0.19	-44.34	2.44	916.96	-151.75	-46.69	811.89	-318.19
		1197	10.13	1.29	-10.78	1.00	-10.50	1.82	577.27	-109.37	-35.13	503.04	-213.21
		1262	18.72	12.02	-27.43	-7.04	-8.38	19.71	1047.60	-157.29	541.23	349.08	-594.74
974	32	1236	20.47	14.87	-28.39	-0.17	-13.34	20.61	1123.43	-207.87	325.16	590.40	-652.30
		1198	12.76	0.24	-33.04	0.14	-32.94	1.82	688.34	-112.73	-34.76	610.37	-237.45
		1197	7.58	0.95	-8.01	0.74	-7.80	1.35	432.32	-81.40	-26.16	377.08	-159.14
		1262	13.98	8.92	-20.34	-5.22	-6.19	14.62	783.31	-117.10	404.03	262.18	-444.58
974	37	1236	18.25	13.12	-24.90	-0.15	-11.63	18.13	1004.68	-182.99	289.14	532.54	-581.23
		1198	11.43	0.22	-29.17	0.13	-29.08	1.62	618.68	-99.50	-30.79	549.97	-211.25
		1197	6.77	0.84	-7.09	0.65	-6.90	1.20	386.87	-72.05	-23.17	337.99	-141.57
		1262	12.45	7.87	-17.88	-4.60	-5.42	12.87	699.20	-103.65	359.81	235.74	-396.60
975	22	1184	3.84	-8.66	-16.19	-14.38	-10.46	-3.22	233.46	8.48	30.04	211.90	66.23
		1237	5.04	13.00	-29.56	-4.56	-11.99	-20.95	218.97	7.18	78.34	147.81	100.03
		1185	1.04	0.05	-7.70	-7.66	0.02	0.53	36.68	-23.62	25.45	-12.39	23.47
		1167	0.74	10.28	3.29	9.01	4.57	2.70	4.72	-25.81	-1.42	-19.66	-12.24
975	36	1184	2.89	-6.47	-12.09	-10.74	-7.82	-2.40	176.07	6.37	22.51	159.93	49.78
		1237	3.80	9.71	-22.08	-3.41	-8.96	-15.65	165.47	5.16	58.80	111.83	75.64
		1185	0.79	0.04	-5.75	-5.72	0.01	0.40	27.93	-17.90	19.37	-9.34	17.86
		1167	0.56	7.68	2.46	6.73	3.41	2.02	3.55	-19.39	-1.05	-14.79	-9.19
975	37	1184	2.57	-5.91	-11.06	-9.83	-7.14	-2.20	155.88	5.47	20.27	141.08	44.80
		1237	3.40	8.88	-20.21	-3.12	-8.21	-14.32	146.49	4.73	53.44	97.78	67.33
		1185	0.70	0.04	-5.26	-5.23	0.01	0.36	24.62	-15.65	17.29	-8.32	15.54
		1167	0.50	7.03	2.25	6.16	3.12	1.85	3.02	-17.31	-1.09	-13.21	-8.16
976	8	1237	5.32	8.14	-44.09	-24.10	-11.86	-25.39	215.44	36.73	118.91	133.26	89.07
		1238	3.47	15.73	-47.09	-34.63	3.27	-25.05	73.15	-1.46	-1.21	72.89	-4.39
		1168	2.61	-1.67	-23.18	-22.73	-2.12	-3.06	-6.61	-108.63	-105.35	-9.89	18.00
		1185	0.61	3.16	-0.66	0.21	2.29	1.60	21.45	-21.74	19.23	-19.52	9.55
976	32	1237	4.00	6.06	-32.80	-17.92	-8.81	-18.89	163.68	27.28	89.04	101.93	67.89
		1238	2.56	11.70	-35.02	-25.75	2.44	-18.63	56.40	-0.48	-0.46	56.38	-1.05
		1168	1.93	-1.24	-17.25	-16.92	-1.57	-2.28	-4.67	-80.60	-77.79	-7.48	14.34
		1185	0.46	2.34	-0.50	0.15	1.70	1.19	16.76	-16.55	14.93	-14.72	7.60
976	37	1237	3.65	5.37	-29.01	-15.84	-7.79	-16.71	152.60	23.88	80.20	96.28	63.86
		1238	2.21	10.36	-30.95	-22.75	2.16	-16.48	54.92	0.51	0.83	54.60	4.21
		1168	1.69	-1.10	-15.28	-14.99	-1.39	-2.01	-3.44	-70.65	-67.19	-6.90	14.85
		1185	0.44	2.06	-0.45	0.11	1.50	1.05	16.83	-15.52	14.78	-13.47	7.88
977	8	1238	3.49	14.59	-46.62	-34.07	2.04	-24.71	80.97	-4.63	-4.46	80.80	-3.85
		1239	8.25	12.68	-44.26	-38.37	6.78	-17.35	77.56	-338.18	-325.93	65.32	-70.30
		1186	8.24	-1.08	-47.02	-46.93	-1.18	-2.06	-7.63	-398.69	-398.42	-7.90	10.24
		1168	2.77	0.05	-24.38	-24.11	-0.22	-2.56	-12.41	-112.28	-110.95	-13.75	11.49
977	32	1238	2.58	10.85	-34.66	-25.33	1.52	-18.37	62.29	-2.90	-2.89	62.28	-0.59
		1239	6.13	9.43	-32.90	-28.52	5.05	-12.89	58.36	-250.65	-242.50	50.21	-49.53
		1186	6.13	-0.81	-34.98	-34.91	-0.88	-1.53	-5.68	-296.58	-296.31	-5.95	8.83
		1168	2.05	0.04	-18.15	-17.94	-0.17	-1.91	-9.14	-83.21	-82.00	-10.36	9.41
977	37	1238	2.23	9.61	-30.64	-22.39	1.35	-16.25	60.21	-1.72	-1.36	59.85	4.71
		1239	5.38	8.34	-29.06	-25.19	4.47	-11.39	53.19	-219.48	-214.25	47.96	-37.39
		1186	5.41	-0.71	-30.96	-30.90	-0.78	-1.36	-4.99	-261.96	-261.52	-5.43	10.60

		1168	1.79	0.03	-16.08	-15.90	-0.15	-1.69	-7.78	-72.70	-71.01	-9.47	10.33
978	8	1239	8.30	11.94	-43.41	-37.84	6.37	-16.66	79.35	-344.84	-333.89	68.39	-67.28
		1240	14.20	6.79	-40.18	-38.72	5.33	-8.14	70.32	-764.12	-755.19	61.40	-85.82
		1169	14.91	-0.74	-61.68	-61.66	-0.76	-0.91	-3.50	-791.71	-791.63	-3.59	8.18
		1186	8.36	-0.89	-47.48	-47.39	-0.99	-2.09	-8.56	-405.23	-405.15	-8.64	5.59
978	32	1239	6.16	8.88	-32.27	-28.13	4.74	-12.38	59.73	-255.66	-248.43	52.49	-47.23
		1240	10.56	5.04	-29.86	-28.78	3.96	-6.05	52.79	-568.30	-562.32	46.80	-60.69
		1169	11.10	-0.55	-45.87	-45.86	-0.56	-0.67	-2.60	-589.49	-589.39	-2.69	7.47
		1186	6.22	-0.67	-35.32	-35.25	-0.74	-1.55	-6.40	-301.44	-301.34	-6.49	5.29
978	37	1239	5.41	7.86	-28.50	-24.85	4.20	-10.94	54.52	-224.06	-219.53	49.98	-35.27
		1240	9.34	4.46	-26.36	-25.41	3.51	-5.33	47.82	-502.16	-498.23	43.89	-46.33
		1169	9.83	-0.49	-40.58	-40.57	-0.50	-0.59	-2.27	-522.21	-522.03	-2.45	9.83
		1186	5.49	-0.59	-31.27	-31.20	-0.65	-1.37	-5.70	-266.25	-266.04	-5.91	7.31
979	8	1240	14.24	6.52	-40.04	-38.62	5.10	-8.01	69.85	-768.13	-760.06	61.78	-81.84
		1241	20.44	3.07	-38.97	-38.85	2.95	-2.25	53.32	-1199.65	-1195.56	49.23	-71.46
		1187	21.54	-0.46	-67.27	-67.27	-0.46	-0.14	0.78	-1212.05	-1211.94	0.68	11.52
		1169	14.99	-0.74	-61.47	-61.46	-0.75	-0.93	-3.51	-797.17	-797.15	-3.53	3.69
979	32	1240	10.59	4.85	-29.76	-28.71	3.80	-5.94	52.46	-571.32	-565.94	47.08	-57.68
		1241	15.21	2.28	-28.96	-28.87	2.19	-1.66	40.01	-892.96	-890.29	37.35	-49.83
		1187	16.04	-0.34	-50.02	-50.02	-0.34	-0.10	0.62	-902.66	-902.55	0.51	10.04
		1169	11.15	-0.55	-45.72	-45.71	-0.56	-0.69	-2.61	-593.55	-593.52	-2.64	4.05
979	37	1240	9.37	4.28	-26.27	-25.35	3.36	-5.24	47.59	-504.90	-501.44	44.13	-43.59
		1241	13.47	2.02	-25.56	-25.48	1.94	-1.44	36.25	-790.82	-789.23	34.66	-36.22
		1187	14.21	-0.30	-44.24	-44.24	-0.30	-0.09	0.64	-800.33	-800.14	0.45	12.35
		1169	9.88	-0.49	-40.45	-40.44	-0.49	-0.61	-2.31	-525.80	-525.72	-2.40	6.65
980	8	1241	20.46	3.00	-38.98	-38.86	2.88	-2.27	52.47	-1201.54	-1197.85	48.79	-67.89
		1242	26.26	1.31	-38.78	-38.76	1.29	0.78	33.45	-1602.50	-1601.07	32.02	-48.30
		1170	27.55	-0.23	-67.77	-67.77	-0.23	0.16	4.02	-1609.17	-1609.00	3.85	16.37
		1187	21.58	-0.44	-67.00	-67.00	-0.44	-0.18	0.95	-1215.47	-1215.43	0.92	6.71
980	32	1241	15.23	2.23	-28.96	-28.87	2.14	-1.67	39.40	-894.38	-891.99	37.01	-47.13
		1242	19.55	0.97	-28.81	-28.80	0.96	0.60	25.12	-1193.10	-1192.22	24.24	-32.61
		1170	20.51	-0.17	-50.39	-50.39	-0.17	0.12	3.05	-1198.44	-1198.29	2.89	13.65
		1187	16.07	-0.33	-49.82	-49.82	-0.33	-0.14	0.74	-905.21	-905.16	0.69	6.38
980	37	1241	13.49	1.97	-25.56	-25.49	1.90	-1.46	35.74	-792.10	-790.72	34.36	-33.76
		1242	17.32	0.86	-25.42	-25.41	0.85	0.55	22.83	-1057.35	-1056.95	22.43	-20.88
		1170	18.19	-0.15	-44.53	-44.53	-0.15	0.11	2.83	-1062.80	-1062.57	2.60	15.61
		1187	14.24	-0.29	-44.06	-44.05	-0.29	-0.12	0.72	-802.57	-802.47	0.62	8.95
981	8	1242	26.26	1.31	-38.78	-38.77	1.29	0.73	32.79	-1603.19	-1601.94	31.55	-45.15
		1243	31.31	0.54	-38.44	-38.33	0.44	2.05	15.04	-1951.75	-1951.38	14.67	-27.05
		1188	32.69	-0.09	-66.09	-66.09	-0.09	0.22	6.19	-1956.34	-1956.14	5.99	19.88
		1170	27.57	-0.21	-67.60	-67.60	-0.21	0.13	4.26	-1611.09	-1611.01	4.18	11.28
981	32	1242	19.55	0.97	-28.81	-28.80	0.96	0.56	24.64	-1193.62	-1192.87	23.89	-30.22
		1243	23.31	0.41	-28.55	-28.47	0.32	1.54	11.32	-1453.19	-1452.99	11.12	-16.95
		1188	24.34	-0.07	-49.12	-49.12	-0.07	0.17	4.67	-1456.94	-1456.76	4.49	16.21
		1170	20.53	-0.16	-50.25	-50.25	-0.16	0.10	3.22	-1199.87	-1199.79	3.15	9.79
981	37	1242	17.33	0.86	-25.42	-25.41	0.85	0.52	22.43	-1057.83	-1057.51	22.11	-18.70
		1243	20.66	0.36	-25.18	-25.11	0.29	1.39	10.40	-1288.09	-1288.05	10.36	-7.23
		1188	21.58	-0.06	-43.39	-43.39	-0.06	0.15	4.28	-1292.03	-1291.78	4.04	17.80
		1170	18.20	-0.14	-44.42	-44.42	-0.14	0.09	2.97	-1064.05	-1063.91	2.83	12.03
982	8	1243	31.31	0.56	-38.43	-38.33	0.45	2.01	14.61	-1951.88	-1951.58	14.31	-24.23
		1244	35.45	0.23	-37.75	-37.59	0.08	2.45	-0.05	-2238.20	-2238.14	-0.11	-11.51
		1171	36.87	-0.03	-63.73	-63.73	-0.03	0.20	7.54	-2241.86	-2241.67	7.35	20.78
		1188	32.71	-0.08	-66.00	-66.00	-0.08	0.21	6.50	-1957.39	-1957.29	6.39	14.59
982	32	1243	23.31	0.41	-28.55	-28.47	0.34	1.51	11.00	-1453.29	-1453.14	10.85	-14.81
		1244	26.39	0.18	-28.04	-27.91	0.06	1.84	6.56e-03	-1666.42	-1666.40	-0.01	-5.64
		1171	27.45	-0.02	-47.35	-47.35	-0.02	0.15	5.68	-1669.48	-1669.31	5.51	16.77
		1188	24.35	-0.06	-49.05	-49.05	-0.06	0.15	4.90	-1457.73	-1457.62	4.80	12.19
982	37	1243	20.66	0.37	-25.18	-25.11	0.30	1.36	10.14	-1288.19	-1288.17	10.12	-5.26
		1244	23.39	0.16	-24.72	-24.61	0.05	1.65	0.20	-1477.09	-1477.09	0.19	2.37
		1171	24.33	-0.02	-41.81	-41.81	-0.02	0.13	5.18	-1480.38	-1480.15	4.96	18.13
		1188	21.59	-0.06	-43.33	-43.33	-0.06	0.14	4.48	-1292.71	-1292.56	4.33	14.09
983	8	1244	35.45	0.24	-37.75	-37.59	0.09	2.43	-0.33	-2238.10	-2238.06	-0.37	-8.86
		1245	38.62	0.13	-36.84	-36.67	-0.04	2.51	-11.46	-2458.50	-2458.50	-11.46	-1.91
		1189	40.04	-2.65e-03	-61.30	-61.30	-3.10e-03	0.17	8.35	-2461.00	-2460.86	8.20	18.87
		1171	36.88	-0.02	-63.69	-63.69	-0.02	0.19	7.90	-2242.49	-2242.38	7.80	15.34
983	32	1244	26.39	0.18	-28.03	-27.91	0.07	1.82	-0.20	-1666.35	-1666.34	-0.21	-3.63
		1245	28.75	0.10	-27.35	-27.22	-0.03	1.88	-8.56	-1830.35	-1830.35	-8.56	1.19
		1189	29.81	-1.96e-03	-45.53	-45.53	-2.30e-03	0.12	6.28	-1832.55	-1832.42	6.15	15.22
		1171	27.46	-0.02	-47.32	-47.32	-0.02	0.15	5.95	-1669.94	-1669.85	5.85	12.64
983	37	1244	23.39	0.17	-24.71	-24.60	0.06	1.63	0.02	-1477.03	-1477.02	0.01	4.22
		1245	25.48	0.09	-24.10	-23.98	-0.03	1.68	-7.54	-1622.26	-1622.23	-7.58	7.84
		1189	26.42	-1.72e-03	-40.18	-40.18	-2.03e-03	0.11	5.70	-1624.79	-1624.62	5.53	16.51
		1171	24.34	-0.02	-41.79	-41.78	-0.02	0.13	5.41	-1480.78	-1480.64	5.27	14.32
984	8	1245	38.62	0.14	-36.83	-36.67	-0.03	2.50	-11.68	-2458.28	-2458.28	-11.68	0.80
		1246	40.81	0.12	-35.81	-35.64	-0.05	2.46	-19.57	-2611.76	-2611.75	-19.57	2.93
		1172	42.20	4.67e-03	-58.96	-58.96	4.34e-03	0.14	8.84	-2612.25	-2612.16	8.75	14.82
		1189	40.05	-1.33e-03	-61.29	-61.29	-1.77e-03	0.16	8.75	-2461.47	-2461.40	8.67	13.47

984	32	1245	28.75	0.10	-27.35	-27.22	-0.02	1.87	-8.72	-1830.19	-1830.19	-8.72	3.25
		1246	30.38	0.09	-26.58	-26.45	-0.04	1.84	-14.64	-1944.34	-1944.33	-14.65	4.42
		1172	31.41	3.48e-03	-43.78	-43.78	3.23e-03	0.11	6.64	-1945.04	-1944.97	6.56	12.04
		1189	29.82	-9.74e-04	-45.52	-45.52	-1.31e-03	0.12	6.58	-1832.90	-1832.83	6.51	11.12
984	37	1245	25.47	0.10	-24.10	-23.98	-0.02	1.68	-7.67	-1622.13	-1622.07	-7.73	9.74
		1246	26.91	0.08	-23.40	-23.29	-0.03	1.65	-13.05	-1723.11	-1723.05	-13.11	10.05
		1172	27.84	3.09e-03	-38.61	-38.61	2.86e-03	0.09	6.01	-1724.32	-1724.22	5.91	13.42
		1189	26.43	-8.41e-04	-40.17	-40.17	-1.14e-03	0.11	5.96	-1625.10	-1625.00	5.86	12.73
985	8	1246	40.81	0.12	-35.81	-35.64	-0.05	2.45	-19.77	-2611.51	-2611.50	-19.78	5.57
		1247	42.01	0.13	-34.73	-34.56	-0.03	2.40	-24.96	-2697.85	-2697.85	-24.97	4.16
		1190	43.34	4.03e-03	-56.74	-56.74	3.74e-03	0.13	9.10	-2695.93	-2695.90	9.07	9.12
		1172	42.21	5.28e-03	-58.96	-58.96	4.94e-03	0.14	9.27	-2612.66	-2612.63	9.24	9.40
985	32	1246	30.37	0.09	-26.57	-26.45	-0.04	1.84	-14.79	-1944.16	-1944.14	-14.81	6.43
		1247	31.27	0.10	-25.76	-25.64	-0.03	1.80	-18.70	-2008.32	-2008.31	-18.71	4.95
		1190	32.27	3.00e-03	-42.12	-42.12	2.79e-03	0.09	6.83	-2007.22	-2007.19	6.80	7.63
		1172	31.42	3.93e-03	-43.78	-43.78	3.68e-03	0.10	6.96	-1945.35	-1945.32	6.93	7.93
985	37	1246	26.91	0.08	-23.40	-23.29	-0.03	1.65	-13.17	-1722.95	-1722.87	-13.25	11.91
		1247	27.70	0.09	-22.67	-22.56	-0.02	1.62	-16.73	-1779.59	-1779.53	-16.78	9.79
		1190	28.59	2.66e-03	-37.12	-37.12	2.47e-03	0.09	6.16	-1779.23	-1779.19	6.12	9.19
		1172	27.85	3.50e-03	-38.61	-38.61	3.27e-03	0.09	6.30	-1724.60	-1724.54	6.24	9.62
986	8	1247	42.01	0.13	-34.73	-34.56	-0.03	2.40	-25.16	-2697.63	-2697.61	-25.18	6.76
		1248	42.22	0.15	-33.63	-33.46	-0.01	2.37	-28.17	-2717.13	-2717.13	-28.18	3.04
		1173	43.48	1.71e-03	-54.59	-54.59	1.45e-03	0.12	9.25	-2712.11	-2712.11	9.25	2.20
		1190	43.35	4.54e-03	-56.74	-56.74	4.26e-03	0.13	9.57	-2696.31	-2696.31	9.56	3.64
986	32	1247	31.26	0.10	-25.76	-25.64	-0.02	1.80	-18.85	-2008.15	-2008.12	-18.87	6.92
		1248	31.42	0.12	-24.94	-24.82	-0.01	1.78	-21.11	-2022.54	-2022.53	-21.12	3.70
		1173	32.36	1.27e-03	-40.50	-40.50	1.08e-03	0.09	6.94	-2019.15	-2019.15	6.93	2.30
		1190	32.27	3.39e-03	-42.12	-42.12	3.18e-03	0.09	7.18	-2007.52	-2007.51	7.18	3.47
986	37	1247	27.70	0.09	-22.68	-22.56	-0.02	1.61	-16.86	-1779.44	-1779.36	-16.93	11.62
		1248	27.83	0.11	-21.94	-21.82	-8.93e-03	1.59	-18.94	-1791.96	-1791.93	-18.98	7.92
		1173	28.67	1.13e-03	-35.67	-35.67	9.55e-04	0.08	6.25	-1789.59	-1789.58	6.24	4.14
		1190	28.60	3.01e-03	-37.12	-37.12	2.82e-03	0.08	6.48	-1779.50	-1779.48	6.46	5.35
987	8	1248	42.22	0.15	-33.63	-33.46	-0.01	2.37	-28.39	-2716.89	-2716.87	-28.40	5.77
		1249	41.45	0.18	-32.54	-32.37	4.57e-03	2.36	-29.57	-2669.83	-2669.83	-29.57	0.78
		1191	42.61	4.15e-04	-52.45	-52.45	1.38e-04	0.12	9.36	-2660.92	-2660.91	9.35	-5.18
		1173	43.49	2.15e-03	-54.59	-54.59	1.89e-03	0.12	9.74	-2712.55	-2712.55	9.74	-3.19
987	32	1248	31.42	0.12	-24.94	-24.82	-0.01	1.78	-21.28	-2022.35	-2022.34	-21.29	5.77
		1249	30.84	0.13	-24.12	-23.99	3.37e-03	1.77	-22.17	-1987.20	-1987.19	-22.18	1.60
		1191	31.71	3.11e-04	-38.90	-38.90	1.02e-04	0.09	7.02	-1980.92	-1980.91	7.01	-3.39
		1173	32.37	1.61e-03	-40.50	-40.50	1.41e-03	0.09	7.31	-2019.48	-2019.48	7.31	-1.79
987	37	1248	27.83	0.11	-21.94	-21.82	-8.91e-03	1.60	-19.08	-1791.80	-1791.74	-19.14	9.84
		1249	27.31	0.12	-21.20	-21.08	2.92e-03	1.59	-19.93	-1760.41	-1760.39	-19.94	5.28
		1191	28.09	2.79e-04	-34.23	-34.23	8.77e-05	0.08	6.31	-1755.49	-1755.49	6.31	-1.24
		1173	28.68	1.44e-03	-35.67	-35.67	1.26e-03	0.08	6.59	-1789.89	-1789.89	6.59	0.36
988	8	1249	41.44	0.18	-32.54	-32.37	4.78e-03	2.37	-29.81	-2669.59	-2669.59	-29.82	3.44
		1250	39.69	0.19	-31.46	-31.28	0.01	2.37	-29.35	-2555.93	-2555.92	-29.35	-1.86
		1174	40.73	-5.74e-04	-50.30	-50.30	-8.97e-04	0.13	9.41	-2542.90	-2542.84	9.34	-12.68
		1191	42.62	9.56e-04	-52.45	-52.45	6.82e-04	0.12	9.89	-2661.39	-2661.35	9.85	-10.58
988	32	1249	30.84	0.13	-24.12	-23.99	3.52e-03	1.77	-22.35	-1987.01	-1987.01	-22.36	3.62
		1250	29.53	0.15	-23.31	-23.18	0.01	1.78	-22.02	-1902.27	-1902.27	-22.02	-0.80
		1174	30.31	-4.31e-04	-37.29	-37.29	-6.75e-04	0.10	7.05	-1892.93	-1892.88	7.01	-9.16
		1191	31.72	7.18e-04	-38.90	-38.90	5.11e-04	0.09	7.42	-1981.27	-1981.25	7.39	-7.49
988	37	1249	27.31	0.12	-21.20	-21.08	3.05e-03	1.59	-20.08	-1760.25	-1760.22	-20.11	7.15
		1250	26.14	0.13	-20.47	-20.35	9.44e-03	1.60	-19.82	-1684.92	-1684.91	-19.82	2.36
		1174	26.85	-3.88e-04	-32.79	-32.79	-6.11e-04	0.09	6.34	-1677.30	-1677.27	6.31	-6.71
		1191	28.10	6.47e-04	-34.23	-34.23	4.58e-04	0.08	6.67	-1755.82	-1755.80	6.66	-5.03
989	8	1250	39.68	0.19	-31.46	-31.28	0.02	2.37	-29.61	-2555.72	-2555.72	-29.61	0.75
		1251	36.94	0.19	-30.40	-30.22	7.08e-03	2.38	-27.48	-2375.47	-2375.47	-27.49	-3.94
		1192	37.84	1.43e-03	-48.12	-48.12	1.05e-03	0.14	9.43	-2357.73	-2357.56	9.26	-20.00
		1174	40.74	1.22e-04	-50.30	-50.30	-1.91e-04	0.13	9.98	-2543.39	-2543.26	9.85	-18.16
989	32	1250	29.53	0.15	-23.31	-23.18	0.01	1.78	-22.22	-1902.11	-1902.11	-22.22	1.19
		1251	27.48	0.15	-22.52	-22.38	5.39e-03	1.78	-20.63	-1767.81	-1767.80	-20.63	-2.78
		1192	28.16	1.04e-03	-35.66	-35.66	7.49e-04	0.10	7.07	-1754.95	-1754.83	6.95	-14.80
		1174	30.32	9.11e-05	-37.29	-37.29	-1.45e-04	0.09	7.48	-1893.30	-1893.21	7.39	-13.31
989	37	1250	26.14	0.13	-20.48	-20.35	9.99e-03	1.60	-20.00	-1684.77	-1684.76	-20.01	4.20
		1251	24.33	0.13	-19.77	-19.64	5.00e-03	1.60	-18.61	-1565.54	-1565.54	-18.61	-0.21
		1192	24.94	8.79e-04	-31.33	-31.33	6.13e-04	0.09	6.35	-1554.81	-1554.72	6.25	-12.06
		1174	26.85	8.00e-05	-32.79	-32.79	-1.36e-04	0.08	6.73	-1677.64	-1677.57	6.66	-10.54
990	8	1251	36.93	0.20	-30.41	-30.22	9.47e-03	2.39	-27.76	-2375.25	-2375.25	-27.76	-1.22
		1252	33.21	0.15	-29.40	-29.21	-0.04	2.34	-23.75	-2128.28	-2128.27	-23.76	-4.34
		1175	33.94	0.01	-45.91	-45.91	0.01	0.15	9.42	-2105.02	-2104.69	9.09	-26.44
		1192	37.85	2.35e-03	-48.12	-48.12	1.97e-03	0.14	10.04	-2358.27	-2358.00	9.76	-25.39
990	32	1251	27.48	0.15	-22.53	-22.38	7.16e-03	1.79	-20.84	-1767.63	-1767.63	-20.84	-0.71
		1252	24.70	0.11	-21.77	-21.63	-0.03	1.76	-17.85	-1583.66	-1583.65	-17.86	-3.51
		1175	25.25	7.84e-03	-34.00	-34.00	7.48e-03	0.11	7.07	-1566.71	-1566.46	6.82	-19.78
		1192	28.17	1.73e-03	-35.66	-35.66	1.44e-03	0.10	7.53	-1755.37	-1755.17	7.33	-18.89
990	37	1251	24.32	0.14	-19.77	-19.64	6.53e-03	1.60	-18.79	-1565.38	-1565.38	-18.80	1.70

		1252	21.86	0.10	-19.09	-18.96	-0.03	1.58	-16.14	-1402.14	-1402.14	-16.14	-1.67
		1175	22.36	6.81e-03	-29.84	-29.84	6.48e-03	0.10	6.34	-1387.78	-1387.58	6.14	-16.83
		1192	24.94	1.49e-03	-31.32	-31.32	1.22e-03	0.09	6.77	-1555.20	-1555.04	6.60	-15.84
991	8	1252	33.20	0.15	-29.40	-29.21	-0.04	2.35	-24.02	-2128.06	-2128.06	-24.03	-1.70
		1253	28.49	-0.02	-28.47	-28.30	-0.18	2.16	-17.87	-1813.89	-1813.89	-17.88	-2.14
		1193	29.03	0.03	-43.76	-43.76	0.03	0.15	9.30	-1784.77	-1784.21	8.74	-31.62
		1175	33.95	0.01	-45.90	-45.90	0.01	0.15	10.07	-2105.60	-2105.13	9.59	-31.84
991	32	1252	24.70	0.12	-21.77	-21.63	-0.03	1.76	-18.06	-1583.49	-1583.49	-18.06	-1.50
		1253	21.19	-8.61e-03	-21.07	-20.94	-0.13	1.62	-13.47	-1349.49	-1349.49	-13.47	-2.30
		1193	21.59	0.02	-32.39	-32.39	0.02	0.11	6.99	-1328.18	-1327.75	6.56	-23.82
		1175	25.26	9.15e-03	-33.99	-33.99	8.78e-03	0.11	7.56	-1567.15	-1566.79	7.20	-23.88
991	37	1252	21.86	0.11	-19.09	-18.96	-0.02	1.58	-16.33	-1401.99	-1401.99	-16.33	0.20
		1253	18.74	-4.88e-04	-18.46	-18.34	-0.12	1.46	-12.24	-1194.42	-1194.42	-12.24	-1.40
		1193	19.11	0.02	-28.39	-28.39	0.02	0.10	6.28	-1176.20	-1175.83	5.91	-20.77
		1175	22.37	7.97e-03	-29.83	-29.83	7.63e-03	0.10	6.80	-1388.19	-1387.89	6.49	-20.62
992	8	1253	28.48	-0.01	-28.47	-28.29	-0.19	2.27	-18.11	-1813.62	-1813.60	-18.14	6.85
		1254	22.77	-0.39	-27.71	-27.60	-0.50	1.74	-9.65	-1431.38	-1431.33	-9.70	8.53
		1176	23.11	0.08	-41.92	-41.92	0.07	0.26	9.01	-1396.68	-1396.03	8.36	-30.17
		1193	29.04	0.04	-43.73	-43.72	0.03	0.31	10.05	-1785.37	-1784.85	9.53	-30.73
992	32	1253	21.18	-4.06e-03	-21.07	-20.93	-0.14	1.71	-13.65	-1349.29	-1349.27	-13.67	4.43
		1254	16.93	-0.29	-20.50	-20.41	-0.37	1.31	-7.33	-1064.61	-1064.58	-7.36	5.21
		1176	17.19	0.06	-31.00	-31.00	0.05	0.19	6.79	-1039.15	-1038.64	6.28	-22.93
		1193	21.60	0.03	-32.36	-32.36	0.02	0.23	7.56	-1328.64	-1328.24	7.15	-23.25
992	37	1253	18.74	3.59e-03	-18.46	-18.33	-0.12	1.53	-12.41	-1194.23	-1194.22	-12.43	4.64
		1254	14.96	-0.24	-17.94	-17.86	-0.32	1.19	-6.77	-941.77	-941.74	-6.80	4.46
		1176	15.20	0.05	-27.14	-27.14	0.05	0.17	6.11	-919.85	-919.40	5.67	-20.33
		1193	19.12	0.02	-28.37	-28.37	0.02	0.20	6.80	-1176.63	-1176.27	6.45	-20.41
993	8	1254	22.77	-0.39	-27.71	-27.61	-0.49	1.65	-9.66	-1431.17	-1431.15	-9.69	5.86
		1255	16.03	-1.03	-27.04	-27.03	-1.04	0.49	0.31	-980.21	-980.02	0.11	13.92
		1194	16.23	0.15	-40.94	-40.94	0.15	-0.02	8.25	-941.69	-940.22	6.77	-37.39
		1176	23.12	0.08	-41.85	-41.85	0.08	0.11	9.75	-1397.10	-1395.92	8.56	-40.80
993	32	1254	16.92	-0.29	-20.50	-20.42	-0.36	1.25	-7.35	-1064.45	-1064.43	-7.36	3.27
		1255	11.91	-0.76	-19.99	-19.98	-0.77	0.39	0.08	-728.58	-728.47	-0.03	8.82
		1194	12.06	0.11	-30.26	-30.26	0.11	-0.01	6.24	-700.32	-699.17	5.10	-28.48
		1176	17.19	0.06	-30.95	-30.95	0.06	0.08	7.35	-1039.48	-1038.57	6.43	-30.92
993	37	1254	14.96	-0.24	-17.94	-17.87	-0.32	1.13	-6.80	-941.61	-941.60	-6.81	2.83
		1255	10.51	-0.66	-17.47	-17.46	-0.67	0.38	-0.16	-643.74	-643.67	-0.24	6.91
		1194	10.65	0.10	-26.44	-26.44	0.10	-8.76e-03	5.66	-619.36	-618.31	4.61	-25.56
		1176	15.21	0.05	-27.10	-27.09	0.05	0.07	6.63	-920.17	-919.35	5.81	-27.55
994	8	1255	16.02	-1.06	-27.03	-27.01	-1.07	0.63	0.57	-979.58	-979.07	0.06	22.36
		1256	8.36	-1.61	-26.86	-26.78	-1.68	-1.40	9.37	-467.13	-465.30	7.53	29.53
		1177	8.54	0.24	-41.80	-41.80	0.24	-0.07	8.19	-426.73	-423.60	5.06	-36.73
		1194	16.24	0.16	-40.85	-40.85	0.16	0.22	9.38	-941.81	-940.34	7.91	-37.32
994	32	1255	11.90	-0.78	-19.98	-19.97	-0.80	0.49	0.25	-728.09	-727.77	-0.06	15.14
		1256	6.19	-1.19	-19.85	-19.79	-1.25	-1.01	6.73	-346.31	-345.17	5.58	20.07
		1177	6.34	0.18	-30.87	-30.87	0.18	-0.05	6.30	-316.87	-314.40	3.83	-28.14
		1194	12.07	0.12	-30.19	-30.19	0.12	0.16	7.11	-700.43	-699.28	5.96	-28.51
994	37	1255	10.51	-0.68	-17.46	-17.45	-0.70	0.47	-0.02	-643.30	-643.05	-0.26	12.57
		1256	5.44	-1.05	-17.32	-17.28	-1.10	-0.85	5.72	-304.61	-303.76	4.87	16.17
		1177	5.57	0.16	-26.95	-26.95	0.16	-0.04	5.81	-279.33	-277.02	3.51	-25.56
		1194	10.66	0.11	-26.39	-26.39	0.10	0.15	6.46	-619.50	-618.44	5.40	-25.75
995	8	1256	8.35	-1.69	-26.88	-26.76	-1.81	-1.72	10.80	-466.53	-464.83	9.10	28.47
		1257	3.17	-1.19	-27.25	-26.48	-1.97	-4.43	120.73	-5.38	109.65	5.70	35.70
		1195	4.50	0.29	-45.64	-45.62	0.27	-0.93	151.87	-13.73	138.04	0.10	-45.81
		1177	8.53	0.25	-41.74	-41.73	0.25	-0.49	9.56	-425.38	-420.51	4.69	-45.76
995	32	1256	6.19	-1.26	-19.86	-19.77	-1.34	-1.25	7.77	-345.84	-344.78	6.71	19.33
		1257	2.34	-0.89	-20.13	-19.56	-1.46	-3.26	90.02	-2.62	83.08	4.31	24.38
		1195	3.36	0.21	-33.69	-33.68	0.20	-0.69	114.69	-10.58	103.99	0.11	-35.01
		1177	6.32	0.19	-30.83	-30.82	0.18	-0.36	7.36	-315.91	-312.09	3.54	-34.93
995	37	1256	5.44	-1.11	-17.33	-17.26	-1.18	-1.06	6.62	-304.18	-303.39	5.83	15.62
		1257	2.08	-0.80	-17.56	-17.06	-1.30	-2.83	81.05	-0.98	76.15	3.92	19.45
		1195	2.99	0.19	-29.39	-29.38	0.18	-0.60	104.02	-9.60	94.24	0.18	-31.87
		1177	5.56	0.16	-26.91	-26.90	0.16	-0.31	6.81	-278.54	-274.97	3.25	-31.71
996	8	1257	3.29	-1.29	-27.28	-26.45	-2.13	-4.58	128.39	-7.29	114.32	6.78	41.36
		1258	12.42	1.26	-28.23	-26.79	-0.18	-6.35	725.83	-22.92	725.77	-22.86	6.65
		1178	13.09	0.07	-52.33	-52.31	0.05	-1.07	695.90	-10.29	689.42	-3.82	-67.31
		1195	4.62	0.31	-45.79	-45.77	0.30	-0.86	159.60	-15.56	143.72	0.31	-50.28
996	32	1257	2.43	-0.97	-20.15	-19.53	-1.58	-3.38	95.61	-3.94	86.55	5.12	28.63
		1258	9.26	0.92	-20.85	-19.78	-0.15	-4.70	542.07	-16.76	542.06	-16.75	2.56
		1178	9.76	0.05	-38.64	-38.63	0.04	-0.79	519.84	-7.80	514.85	-2.81	-51.10
		1195	3.45	0.23	-33.80	-33.79	0.22	-0.63	120.49	-12.00	108.21	0.28	-38.42
996	37	1257	2.15	-0.87	-17.57	-17.04	-1.40	-2.93	85.89	-2.03	79.21	4.65	23.29
		1258	8.23	0.78	-18.19	-17.25	-0.17	-4.13	483.44	-14.44	483.44	-14.44	-0.29
		1178	8.67	0.05	-33.72	-33.71	0.04	-0.70	463.59	-7.02	458.99	-2.42	-46.31
		1195	3.07	0.21	-29.48	-29.47	0.20	-0.55	109.24	-10.94	97.96	0.34	-35.04
997	8	1258	12.67	1.41	-28.45	-26.91	-0.13	-6.61	741.23	-23.61	741.05	-23.43	11.87
		1259	21.54	4.92	-28.12	-27.75	4.56	-3.45	1297.73	-79.98	1286.61	-68.86	-123.27

		1196	20.03	-0.60	-58.25	-58.24	-0.60	-0.72	1136.08	-17.76	1125.84	-7.51	-108.25
		1178	13.27	0.01	-52.79	-52.76	-0.02	-1.23	705.50	-12.04	698.85	-5.38	-68.76
997	32	1258	9.44	1.03	-21.01	-19.86	-0.12	-4.90	553.52	-17.23	553.45	-17.15	6.48
		1259	16.06	3.63	-20.78	-20.50	3.35	-2.59	968.75	-59.44	960.04	-50.73	-94.24
		1196	14.93	-0.44	-43.05	-43.04	-0.44	-0.54	848.00	-13.39	840.20	-5.59	-81.62
		1178	9.89	0.01	-38.98	-38.96	-0.01	-0.91	527.01	-9.13	521.87	-3.99	-52.25
997	37	1258	8.39	0.89	-18.33	-17.32	-0.13	-4.31	493.60	-14.80	493.58	-14.78	3.26
		1259	14.28	3.16	-18.14	-17.88	2.90	-2.33	862.91	-52.43	854.69	-44.20	-86.36
		1196	13.26	-0.37	-37.63	-37.62	-0.38	-0.48	755.18	-12.03	748.07	-4.92	-73.50
		1178	8.78	0.01	-34.02	-34.00	-6.04e-03	-0.80	469.98	-8.24	465.22	-3.49	-47.46
998	8	1259	22.21	5.83	-28.29	-27.98	5.52	-3.20	1333.11	-92.52	1319.41	-78.82	-139.08
		1260	27.69	10.22	-29.70	-28.35	8.87	7.22	1653.70	-141.03	1559.51	-46.84	-400.22
		1179	22.85	-0.99	-56.02	-56.00	-1.01	1.19	1324.87	-31.43	1304.33	-10.89	-165.62
		1196	20.10	-0.86	-58.89	-58.88	-0.87	-0.63	1139.97	-16.40	1129.55	-5.98	-109.26
998	32	1259	16.56	4.30	-20.90	-20.66	4.07	-2.41	995.24	-68.81	984.57	-58.13	-106.03
		1260	20.66	7.54	-21.94	-20.96	6.56	5.28	1234.80	-105.04	1163.59	-33.83	-300.57
		1179	17.04	-0.73	-41.45	-41.43	-0.75	0.87	988.90	-23.65	973.40	-8.15	-124.32
		1196	14.99	-0.63	-43.53	-43.52	-0.64	-0.47	850.88	-12.39	842.94	-4.44	-82.42
998	37	1259	14.73	3.75	-18.23	-18.01	3.53	-2.19	886.61	-60.76	876.61	-50.76	-96.82
		1260	18.38	6.58	-19.15	-18.33	5.76	4.53	1100.13	-92.98	1035.69	-28.54	-269.68
		1179	15.14	-0.64	-36.31	-36.29	-0.66	0.76	880.55	-21.25	866.57	-7.26	-111.42
		1196	13.31	-0.55	-38.06	-38.05	-0.55	-0.42	757.73	-11.16	750.48	-3.91	-74.32
999	8	1260	28.49	10.81	-28.81	-27.74	9.74	6.44	1703.60	-149.45	1635.93	-81.79	-347.58
		1261	27.05	16.41	-31.86	-20.64	5.20	20.39	1565.26	-189.71	1302.02	73.53	-626.65
		1181	21.20	-0.86	-41.42	-41.31	-0.97	2.09	1259.73	-37.39	1231.24	-8.90	-190.11
		1179	23.19	-1.02	-57.64	-57.63	-1.02	-0.68	1343.49	-29.56	1330.86	-16.93	-131.08
999	32	1260	21.25	7.98	-21.28	-20.50	7.21	4.70	1272.13	-111.30	1220.90	-60.07	-261.24
		1261	20.20	12.15	-23.55	-15.28	3.88	15.06	1169.59	-141.45	971.90	56.24	-469.15
		1181	15.82	-0.64	-30.70	-30.62	-0.72	1.54	940.50	-28.09	919.09	-6.68	-142.41
		1179	17.29	-0.75	-42.65	-42.64	-0.76	-0.51	1002.88	-22.29	993.30	-12.71	-98.66
999	37	1260	18.91	6.97	-18.56	-17.91	6.32	4.02	1133.51	-98.48	1087.09	-52.06	-234.60
		1261	17.98	10.65	-20.59	-13.40	3.45	13.15	1043.06	-125.47	865.58	52.01	-419.39
		1181	14.08	-0.57	-26.99	-26.92	-0.64	1.35	837.69	-25.19	818.48	-5.98	-127.31
		1179	15.37	-0.66	-37.38	-37.37	-0.67	-0.45	893.14	-20.10	884.43	-11.39	-88.79
1000	8	1261	26.69	17.20	-32.51	-19.82	4.50	21.68	1554.32	-162.83	1291.87	99.61	-617.88
		1262	18.53	12.45	-27.68	-9.51	-5.72	19.97	1041.76	-143.29	598.12	300.35	-573.52
		1182	11.37	1.05	-11.06	-10.80	0.79	1.77	692.56	-51.19	659.47	-18.10	-153.35
		1181	20.66	-0.50	-39.48	-39.40	-0.57	1.71	1223.71	-49.29	1193.75	-19.33	-192.99
1000	32	1261	19.92	12.73	-24.04	-14.67	3.36	16.02	1161.36	-121.36	964.27	75.73	-462.57
		1262	13.84	9.24	-20.51	-7.05	-4.22	14.81	778.95	-106.68	446.55	225.73	-428.83
		1182	8.49	0.78	-8.22	-8.02	0.58	1.31	517.25	-38.38	492.46	-13.59	-114.72
		1181	15.42	-0.37	-29.26	-29.21	-0.43	1.26	913.73	-37.05	891.19	-14.51	-144.66
1000	37	1261	17.74	11.17	-21.03	-12.86	3.00	14.01	1035.62	-107.52	858.69	69.41	-413.46
		1262	12.33	8.16	-18.03	-6.20	-3.68	13.03	695.32	-94.42	397.72	203.18	-382.70
		1182	7.56	0.68	-7.27	-7.09	0.51	1.16	460.87	-34.36	438.70	-12.20	-102.40
		1181	13.72	-0.34	-25.74	-25.69	-0.39	1.11	814.00	-33.31	793.71	-13.02	-129.54
1001	8	1262	19.34	11.26	-28.01	-8.79	-7.97	19.63	1076.17	-177.80	560.04	338.33	-617.11
		1197	9.60	0.72	-9.28	0.53	-9.09	1.39	543.39	-117.19	-31.46	457.66	-222.00
		1180	0.47	3.71	1.06	2.34	2.43	-1.33	-4.12	-24.26	-22.56	-5.82	5.59
		1182	10.71	0.58	-8.88	-8.71	0.41	1.26	652.43	-59.14	607.74	-14.45	-172.65
1001	32	1262	14.45	8.36	-20.77	-6.52	-5.89	14.56	804.59	-132.49	418.06	254.04	-461.31
		1197	7.18	0.54	-6.90	0.39	-6.75	1.04	407.03	-87.27	-23.37	343.14	-165.84
		1180	0.35	2.75	0.78	1.73	1.80	-0.98	-3.09	-18.08	-16.74	-4.42	4.27
		1182	8.00	0.43	-6.60	-6.47	0.30	0.94	487.39	-44.37	453.86	-10.84	-129.25
1001	37	1262	12.87	7.38	-18.26	-5.73	-5.16	12.82	718.02	-117.41	372.28	228.33	-411.47
		1197	6.42	0.47	-6.11	0.34	-5.97	0.92	364.41	-77.36	-20.62	307.68	-147.80
		1180	0.31	2.42	0.69	1.53	1.59	-0.86	-2.71	-16.06	-14.74	-4.03	3.98
		1182	7.13	0.37	-5.83	-5.71	0.26	0.83	434.44	-39.78	404.37	-9.71	-115.58
1002	22	1307	16.32	-1.96	-13.37	-2.33	-13.00	-2.04	1043.67	-48.44	566.98	428.24	541.63
		1285	21.81	46.24	-56.56	22.35	-32.66	43.42	1554.82	540.33	749.97	1345.17	410.77
		30	42.61	92.03	-82.95	-74.84	83.92	-36.78	2524.79	-228.36	1044.22	1252.20	1372.64
		1284	15.51	-67.57	-183.03	-113.71	-136.88	56.56	356.46	-635.17	324.66	-603.37	-174.71
1002	36	1307	12.43	-1.64	-10.18	-2.02	-9.79	-1.77	793.04	-37.32	430.55	325.17	411.82
		1285	16.51	33.93	-42.44	16.37	-24.88	32.14	1180.41	408.80	568.42	1020.79	312.55
		30	32.34	68.48	-62.48	-56.26	62.26	-27.85	1916.54	-173.81	792.45	950.28	1042.19
		1284	11.71	-50.00	-136.62	-84.62	-101.99	42.43	270.53	-481.98	246.49	-457.94	-132.34
1002	37	1307	11.35	-1.45	-9.56	-1.82	-9.19	-1.69	721.59	-38.42	384.20	298.97	377.60
		1285	15.12	31.98	-39.61	15.32	-22.95	30.25	1078.22	362.40	501.71	938.91	283.40
		30	29.57	64.34	-58.66	-52.93	58.61	-25.92	1743.11	-178.06	691.45	873.59	956.26
		1284	10.76	-47.29	-128.23	-79.75	-95.77	39.67	238.34	-443.42	216.26	-421.34	-120.68
1003	22	1308	7.66	-24.01	-65.93	-29.93	-60.01	-14.60	338.55	-14.22	147.88	176.44	175.80
		1307	15.27	126.87	-32.48	88.45	5.94	-68.16	697.05	35.16	364.76	367.44	330.94
		1284	18.03	-74.48	-187.27	-157.83	-103.92	-49.54	674.45	-29.67	542.15	102.63	275.05
		1283	5.10	66.73	16.79	18.15	65.37	8.13	170.29	-59.23	167.10	-56.04	26.87
1003	36	1308	5.80	-17.93	-49.21	-22.43	-44.72	-10.97	257.73	-11.02	112.54	134.17	133.94
		1307	11.53	94.37	-24.40	65.69	4.28	-50.83	529.88	26.08	276.98	278.98	251.90
		1284	13.59	-55.54	-139.73	-117.63	-77.65	-37.04	512.21	-22.70	411.65	77.86	208.99

1003	37	1283	3.84	49.88	12.59	13.63	48.83	6.15	129.66	-45.04	127.19	-42.58	20.61
		1308	5.37	-16.78	-46.23	-21.06	-41.95	-10.38	235.65	-11.28	100.68	123.69	122.92
		1307	10.69	88.58	-22.93	61.61	4.05	-47.75	481.66	19.26	244.14	256.78	231.11
1004	22	1284	12.48	-52.15	-131.25	-110.60	-72.80	-34.74	460.98	-23.57	366.17	71.23	192.22
		1283	3.54	46.77	11.73	12.69	45.80	5.74	116.24	-41.77	113.83	-39.36	19.36
		1306	2.45	-1.31	-6.37	-1.38	-6.30	-0.56	138.83	-12.82	0.76	125.24	43.31
1004	36	1308	5.61	10.34	-13.25	-2.19	-0.72	-11.77	299.84	-20.47	122.69	156.68	159.25
		1283	3.88	-7.57	-16.53	-9.60	-14.50	-3.75	220.86	-24.52	187.79	8.54	83.79
		1273	0.56	9.28	2.58	3.37	8.49	2.16	3.80	-13.32	-7.77	-1.75	-8.02
1004	37	1306	1.86	-0.97	-4.71	-1.01	-4.67	-0.41	105.85	-9.81	0.57	95.46	33.06
		1308	4.26	7.66	-9.92	-1.70	-0.57	-8.77	228.44	-15.84	93.42	119.17	121.46
		1283	2.94	-5.61	-12.31	-7.11	-10.81	-2.79	168.02	-18.72	142.87	6.44	63.75
1004	37	1273	0.42	6.92	1.92	2.51	6.33	1.62	2.82	-10.09	-5.90	-1.37	-6.05
		1306	1.72	-0.91	-4.46	-0.95	-4.41	-0.41	97.47	-8.75	0.54	88.18	30.01
		1308	3.93	7.24	-9.41	-1.62	-0.55	-8.31	208.86	-15.83	83.07	109.96	111.54
1005	22	1283	2.68	-5.32	-11.56	-6.74	-10.13	-2.62	151.61	-17.87	128.10	5.64	58.57
		1273	0.39	6.51	1.81	2.36	5.96	1.51	2.27	-8.99	-5.23	-1.49	-5.31
		1309	8.72	74.99	-43.43	74.01	-42.45	10.72	480.41	287.62	302.69	465.35	51.75
1005	36	1271	14.88	68.58	-71.14	11.84	-14.40	68.62	911.23	689.88	844.21	756.89	101.70
		1285	23.44	73.74	23.51	40.69	56.56	23.83	1558.38	779.39	1082.61	1255.15	379.82
		1307	12.54	-8.65	-171.30	-42.70	-137.25	66.17	606.80	88.32	285.22	409.90	251.64
1005	37	1309	6.58	55.58	-32.52	54.90	-31.84	7.72	365.27	217.98	229.78	353.47	39.99
		1271	11.23	50.53	-52.99	8.70	-11.16	50.80	691.92	522.70	640.12	574.50	77.99
		1285	17.72	54.14	17.37	29.92	41.59	17.43	1183.17	590.44	821.12	952.50	288.99
1005	37	1307	9.42	-6.73	-127.49	-31.94	-102.27	49.09	461.27	66.57	216.61	311.23	191.59
		1309	6.16	52.19	-30.39	51.56	-29.75	7.21	334.91	193.61	202.75	325.77	34.75
		1271	10.20	47.65	-49.51	8.19	-10.05	47.72	621.91	478.98	573.11	527.78	67.78
1006	8	1285	16.20	51.13	16.31	28.07	39.37	16.47	1076.19	533.23	733.20	876.22	261.89
		1307	8.69	-6.35	-119.52	-29.98	-95.90	46.00	419.35	55.44	188.30	286.49	175.20
		1310	4.47	13.48	-22.06	13.46	-22.05	-0.65	224.96	28.82	45.46	208.31	54.66
1006	32	1309	7.55	27.49	-48.06	22.08	-42.65	19.48	435.56	238.91	250.22	424.25	45.78
		1307	13.93	61.12	-113.95	59.97	-112.79	-14.17	673.35	134.73	362.78	445.30	266.13
		1308	4.53	16.11	-16.85	-5.41	4.68	-15.69	230.80	6.31	84.12	152.99	106.83
1006	37	1310	3.40	9.83	-16.47	9.81	-16.46	-0.68	172.91	22.16	35.48	159.59	42.79
		1309	5.71	19.90	-35.64	16.10	-31.84	14.02	333.38	182.97	192.36	323.99	36.38
		1307	10.51	44.83	-84.40	43.94	-83.51	-10.71	515.71	102.87	278.75	339.83	204.15
1006	37	1308	3.45	11.91	-12.56	-4.07	3.42	-11.65	177.39	4.84	65.14	117.09	82.27
		1310	3.24	8.27	-14.89	8.21	-14.83	-1.16	168.36	21.00	35.16	154.21	43.42
		1309	5.35	16.29	-31.46	13.48	-28.65	11.25	320.54	174.03	184.65	309.93	37.98
1007	22	1307	9.75	38.27	-74.26	37.37	-73.36	-10.03	495.30	96.69	267.65	324.34	197.28
		1308	3.29	10.45	-11.30	-3.74	2.89	-10.35	172.28	4.19	63.73	112.73	80.40
		1282	2.76	-1.91	-8.54	-2.74	-7.71	-2.20	154.20	-9.87	-0.47	144.81	38.13
1007	36	1310	4.11	9.66	-15.55	9.60	-15.49	1.26	233.36	30.90	51.16	213.10	60.75
		1308	5.78	6.62	-25.80	-0.53	-18.65	-13.44	294.02	6.07	110.60	189.49	138.47
		1306	2.25	0.94	-0.29	0.03	0.62	0.54	140.30	-12.62	-5.78	133.46	31.61
1007	37	1282	2.10	-1.41	-6.37	-2.04	-5.74	-1.64	117.84	-7.58	-0.35	110.61	29.24
		1310	3.13	7.12	-11.70	7.09	-11.66	0.81	178.03	23.28	39.05	162.27	46.80
		1308	4.38	4.90	-19.30	-0.47	-13.94	-10.05	223.91	4.40	84.21	144.10	105.59
1007	37	1306	1.72	0.76	-0.20	0.03	0.52	0.41	106.99	-9.65	-4.39	101.73	24.21
		1282	1.96	-1.33	-6.11	-1.92	-5.52	-1.57	109.20	-6.74	-0.37	102.83	26.43
		1310	2.91	6.68	-10.97	6.66	-10.95	0.69	163.93	19.91	33.58	150.26	42.21
1008	22	1308	4.05	4.64	-18.17	-0.45	-13.07	-9.50	204.70	2.77	74.54	132.93	96.65
		1306	1.58	0.66	-0.18	0.03	0.45	0.36	98.82	-8.76	-3.96	94.02	22.21
		1311	5.18	47.25	-37.50	31.74	-21.99	32.77	264.19	161.95	241.17	184.98	-42.71
1008	36	1286	9.48	58.98	-33.18	30.47	-4.66	42.60	541.26	290.85	536.66	295.46	33.64
		1271	14.99	71.51	-29.17	37.80	4.54	47.51	915.82	663.51	835.55	743.79	117.52
		1309	8.05	37.84	-59.11	30.10	-51.36	26.28	441.23	271.04	284.04	428.22	45.21
1008	37	1311	3.87	34.83	-27.94	23.53	-16.65	24.11	199.91	123.90	183.02	140.79	31.60
		1286	7.14	43.49	-24.74	22.58	-3.83	31.45	410.38	220.62	406.63	224.36	26.41
		1271	11.32	52.72	-21.81	27.98	2.93	35.10	695.44	502.67	633.56	564.55	90.00
1008	37	1309	6.08	27.88	-44.07	22.26	-38.45	19.31	335.53	205.39	215.62	325.30	35.02
		1311	3.63	32.72	-26.05	22.11	-15.45	22.60	180.85	110.76	161.86	129.75	-31.15
		1286	6.42	41.00	-22.92	21.23	-3.15	29.54	363.61	201.67	360.79	204.49	21.19
1009	8	1271	10.27	49.67	-20.24	26.28	3.15	32.99	625.26	460.07	566.77	518.56	79.00
		1309	5.67	26.20	-41.19	20.93	-35.93	18.08	307.59	182.07	189.83	299.82	30.24
		1312	2.52	23.08	-18.65	13.56	-9.13	17.51	76.05	26.03	31.84	70.24	-16.03
1009	36	1311	5.26	48.42	-39.01	29.08	-19.67	36.29	234.35	141.68	204.97	171.06	-43.12
		1309	7.57	45.16	-50.79	40.32	-45.95	20.99	421.64	252.57	269.68	404.52	51.00
		1310	4.05	9.13	-18.91	9.02	-18.80	-1.76	209.54	29.15	40.05	198.63	43.00
1009	37	1312	1.68	14.46	-12.95	8.99	-7.47	10.96	59.41	27.46	28.92	57.95	-6.67
		1311	3.65	31.11	-27.01	19.38	-15.28	23.33	185.31	123.09	170.90	137.50	-26.24
		1309	5.72	29.47	-35.68	26.75	-32.97	13.03	340.23	205.67	225.08	320.81	47.29
1009	37	1310	3.16	6.00	-13.70	5.82	-13.52	-1.90	170.13	25.28	36.53	158.88	38.76
		1312	1.60	13.54	-12.11	8.44	-7.02	10.23	56.10	23.30	24.90	54.50	-7.07
		1311	3.42	29.25	-25.18	18.22	-14.15	21.88	167.37	110.11	150.80	126.68	-25.97
1009	37	1309	5.33	27.68	-33.33	25.13	-30.79	12.20	311.14	183.27	198.78	295.63	41.74
		1310	2.95	5.66	-12.87	5.47	-12.68	-1.86	156.88	21.50	31.23	147.15	34.96

1010	21	1305	0.65	-1.31	-1.90	-1.35	-1.86	0.14	33.24	-13.65	-0.65	20.23	20.99
		1312	1.78	16.71	-14.58	8.96	-6.83	13.51	71.59	41.04	41.04	71.59	-0.06
		1310	3.97	7.20	-14.31	7.18	-14.29	0.63	233.26	35.74	59.29	209.70	64.01
		1282	2.66	-0.59	-7.65	-0.94	-7.31	-1.53	147.83	-9.71	-3.19	141.31	31.38
1010	35	1305	0.51	-1.00	-1.52	-1.01	-1.51	0.09	25.88	-10.39	-0.48	15.97	16.17
		1312	1.34	12.37	-10.95	6.69	-5.27	10.01	54.84	31.19	31.20	54.83	0.45
		1310	3.02	5.36	-10.82	5.35	-10.81	0.38	177.70	26.95	45.03	159.62	48.98
		1282	2.03	-0.44	-5.75	-0.70	-5.49	-1.15	112.82	-7.43	-2.42	107.81	24.03
1010	37	1305	0.43	-0.98	-1.43	-1.02	-1.40	0.12	22.48	-8.34	-0.63	14.77	13.35
		1312	1.38	12.98	-10.85	6.82	-4.69	10.44	51.07	25.65	26.01	50.70	-3.03
		1310	2.80	5.54	-10.47	5.51	-10.45	0.64	161.76	23.46	37.85	147.38	42.21
		1282	1.89	-0.46	-5.92	-0.72	-5.66	-1.17	103.51	-6.51	-2.29	99.30	21.13
1011	22	1313	5.60	47.92	-38.34	19.56	-9.98	40.53	182.19	-112.63	167.87	-98.31	-63.37
		1270	7.46	47.29	-38.92	22.00	-13.62	39.25	318.86	-47.80	318.82	-47.76	-3.87
		1286	9.48	58.79	-31.47	31.38	-4.06	41.50	540.64	291.69	535.30	297.03	36.08
		1311	5.12	44.74	-39.65	27.80	-22.70	33.81	254.57	155.98	235.60	174.95	-38.86
1011	36	1313	4.16	35.25	-28.48	14.49	-7.73	29.87	137.83	-84.69	127.34	-74.19	-47.17
		1270	5.62	34.84	-28.96	16.31	-10.43	28.96	241.23	-36.14	241.21	-36.12	-1.96
		1286	7.14	43.34	-23.48	23.26	-3.40	30.63	409.94	221.23	405.60	225.56	28.27
		1311	3.82	32.96	-29.51	20.60	-17.16	24.88	192.63	119.34	178.80	133.18	-28.68
1011	37	1313	3.88	33.14	-26.57	13.62	-7.04	28.01	122.56	-79.27	111.99	-68.70	-44.97
		1270	5.04	32.86	-26.86	15.33	-9.32	27.20	209.94	-36.29	209.88	-36.22	-3.91
		1286	6.42	40.85	-21.75	21.86	-2.76	28.78	363.10	202.21	359.74	205.58	23.03
		1311	3.58	30.98	-27.50	19.37	-15.89	23.33	173.77	106.91	157.97	122.71	-28.41
1012	7	1314	4.53	40.04	-20.73	10.17	9.15	30.38	38.29	-147.43	26.29	-135.43	-45.66
		1313	5.98	55.24	-41.02	21.08	-6.87	46.06	149.01	-113.49	130.77	-95.26	-66.74
		1311	5.12	50.25	-39.17	30.72	-19.65	36.94	215.61	128.50	189.39	154.72	-39.96
		1312	2.42	22.31	-17.88	12.12	-7.69	17.48	68.07	19.96	28.85	59.18	-18.67
1012	31	1314	3.32	28.93	-15.24	7.44	6.24	22.07	29.19	-111.29	20.84	-102.95	-33.20
		1313	4.39	40.07	-30.21	15.46	-5.59	33.53	114.57	-85.05	101.68	-72.16	-49.06
		1311	3.78	36.51	-28.97	22.53	-14.98	26.83	165.06	101.51	147.13	119.44	-28.60
		1312	1.77	16.06	-13.21	8.87	-6.01	12.60	51.87	17.43	23.02	46.29	-12.69
1012	37	1314	2.84	23.19	-13.09	6.28	3.81	18.10	28.59	-105.03	22.74	-99.18	-27.32
		1313	3.77	32.68	-26.10	13.12	-6.55	27.70	114.65	-78.37	105.00	-68.72	-42.06
		1311	3.31	29.96	-25.42	19.13	-14.58	21.97	163.05	109.25	151.54	120.76	-22.06
		1312	1.49	12.74	-11.58	7.48	-6.32	10.01	50.89	23.28	25.55	48.63	-7.57
1013	7	1281	3.73	23.84	-0.91	-0.52	23.46	3.07	-0.19	-168.40	-0.33	-168.26	-4.81
		1314	4.59	41.05	-21.02	9.09	10.94	31.02	36.12	-148.08	25.57	-137.53	-42.81
		1312	2.20	23.45	-17.00	10.75	-4.31	18.77	60.23	27.55	31.93	55.85	-11.13
		1305	0.26	-0.35	-1.26	-1.21	-0.39	0.19	11.63	-5.76	-2.05	7.92	7.12
1013	31	1281	2.78	17.09	-0.67	-0.39	16.82	2.21	-0.09	-128.01	-0.15	-127.95	-2.71
		1314	3.36	29.67	-15.45	6.65	7.56	22.56	27.44	-111.71	20.30	-104.58	-30.69
		1312	1.59	16.88	-12.55	7.87	-3.53	13.56	45.86	23.24	25.37	43.73	-6.60
		1305	0.22	-0.46	-0.92	-0.89	-0.48	0.11	10.55	-4.83	-1.50	7.22	6.34
1013	37	1281	2.52	13.27	-0.57	-0.35	13.05	1.74	0.17	-123.41	0.17	-123.40	0.35
		1314	2.85	23.82	-13.27	5.61	4.95	18.54	26.70	-105.31	22.26	-100.87	-23.81
		1312	1.29	13.36	-10.93	6.63	-4.20	10.87	46.11	27.83	27.85	46.09	-0.59
		1305	0.31	-0.77	-1.05	-0.77	-1.05	-8.05e-03	15.48	-6.06	-1.27	10.69	8.96
1014	22	1315	7.85	49.98	-40.84	12.78	-3.64	44.66	114.94	-350.94	104.63	-340.64	-68.51
		1287	8.64	38.75	-49.03	14.57	-24.85	39.22	187.18	-312.56	185.35	-310.73	-30.19
		1270	7.48	47.17	-39.29	21.90	-14.01	39.33	321.02	-45.96	320.96	-45.91	-4.39
		1313	5.58	47.75	-38.31	19.24	-9.80	40.51	179.88	-114.27	166.13	-100.52	-62.09
1014	36	1315	5.87	36.75	-30.31	9.46	-3.02	32.94	86.82	-265.69	79.29	-258.16	-50.96
		1287	6.52	28.51	-36.43	10.79	-18.71	28.93	141.10	-237.04	139.83	-235.77	-21.83
		1270	5.63	34.74	-29.24	16.23	-10.73	29.01	242.86	-34.74	242.84	-34.72	-2.34
		1313	4.15	35.13	-28.45	14.26	-7.57	29.86	136.08	-85.94	126.02	-75.87	-46.19
1014	37	1315	5.44	34.56	-28.29	8.89	-2.61	30.90	75.88	-245.87	68.66	-238.64	-47.68
		1287	5.93	26.92	-33.85	10.14	-17.08	27.17	118.66	-222.11	117.35	-220.80	-21.14
		1270	5.05	32.77	-27.14	15.25	-9.62	27.25	211.41	-35.00	211.34	-34.93	-4.14
		1313	3.86	33.04	-26.51	13.40	-6.87	28.00	120.90	-80.40	110.75	-70.26	-44.03
1015	8	1316	8.14	56.50	-20.95	7.62	27.92	37.37	29.01	-360.91	20.94	-352.85	-55.51
		1315	8.16	57.79	-44.72	14.15	-1.08	50.69	100.02	-343.03	88.19	-331.19	-71.44
		1313	5.90	54.22	-41.11	21.00	-7.89	45.42	157.90	-115.93	142.30	-100.33	-63.47
		1314	4.56	39.27	-20.41	9.84	9.02	29.84	39.88	-156.31	29.13	-145.55	-44.66
1015	32	1316	6.06	40.96	-15.39	5.58	20.00	27.23	22.07	-273.93	16.37	-268.23	-40.68
		1315	6.06	41.96	-32.88	10.37	-1.29	36.97	76.25	-260.24	67.80	-251.80	-52.64
		1313	4.33	39.39	-30.27	15.41	-6.29	33.10	120.40	-86.83	109.31	-75.74	-46.63
		1314	3.35	28.42	-15.00	7.21	6.20	21.70	30.26	-117.62	22.72	-110.09	-32.52
1015	37	1316	5.41	33.63	-13.18	4.72	15.73	22.75	20.80	-257.37	16.46	-253.03	-34.47
		1315	5.38	34.69	-28.25	8.81	-2.38	30.97	71.37	-244.84	64.68	-238.14	-45.51
		1313	3.72	32.62	-26.12	13.16	-6.66	27.65	113.38	-79.06	104.57	-70.25	-40.21
		1314	2.87	23.18	-12.88	6.13	4.17	18.00	28.29	-107.79	22.65	-102.15	-27.13
1016	8	1304	8.57	58.12	-0.48	0.09	57.54	5.80	1.98	-376.37	1.02	-375.40	-19.12
		1316	8.17	57.35	-21.54	7.26	28.55	37.98	27.28	-361.13	19.68	-353.54	-53.78
		1314	4.54	40.46	-20.89	8.94	10.63	30.66	36.60	-154.93	28.95	-147.28	-37.50
		1281	3.93	24.27	-0.78	-0.43	23.92	2.93	0.06	-180.39	-0.46	-179.88	-9.62
1016	32	1304	6.41	42.13	-0.36	0.06	41.71	4.21	1.53	-285.92	0.87	-285.27	-13.68

		1316	6.09	41.60	-15.83	5.31	20.46	27.70	20.70	-274.05	15.43	-268.79	-39.05
		1314	3.33	29.29	-15.36	6.55	7.39	22.32	27.75	-116.57	22.60	-111.42	-26.77
		1281	2.93	17.45	-0.57	-0.32	17.20	2.11	0.04	-136.37	-0.27	-136.06	-6.48
1016	37	1304	5.77	34.50	-0.31	0.04	34.15	3.45	1.48	-269.01	1.06	-268.59	-10.67
		1316	5.42	34.22	-13.60	4.49	16.13	23.19	19.38	-257.38	15.62	-253.61	-32.07
		1314	2.83	23.95	-13.20	5.56	5.18	18.57	25.96	-106.85	22.55	-103.45	-20.99
		1281	2.59	13.85	-0.48	-0.28	13.65	1.69	0.05	-126.30	-0.07	-126.17	-3.93
1017	22	1317	10.18	52.01	-42.39	9.14	0.48	47.00	67.35	-543.75	58.73	-535.13	-72.08
		1269	10.93	32.67	-59.16	9.95	-36.44	39.62	111.65	-516.36	107.60	-512.31	-50.26
		1287	8.66	38.68	-49.36	14.55	-25.23	39.27	189.37	-311.68	187.40	-309.71	-31.32
		1315	7.86	50.20	-40.48	12.93	-3.20	44.62	114.66	-351.32	104.37	-341.03	-68.47
1017	36	1317	7.65	38.22	-31.44	6.75	0.03	34.67	50.68	-412.17	44.40	-405.89	-53.55
		1269	8.25	24.02	-43.92	7.36	-27.26	29.23	83.63	-391.77	80.74	-388.88	-36.95
		1287	6.53	28.46	-36.69	10.77	-19.00	28.97	142.75	-236.36	141.39	-235.00	-22.68
		1315	5.88	36.92	-30.02	9.57	-2.68	32.90	86.61	-265.98	79.10	-258.46	-50.92
1017	37	1317	7.07	35.97	-29.36	6.34	0.27	32.52	42.91	-380.94	37.14	-375.17	-49.14
		1269	7.57	22.69	-40.86	6.92	-25.08	27.45	66.16	-365.09	63.47	-362.39	-34.00
		1287	5.95	26.86	-34.10	10.13	-17.37	27.21	120.16	-221.48	118.77	-220.08	-21.81
		1315	5.45	34.74	-28.00	8.99	-2.25	30.86	75.67	-246.12	68.46	-238.92	-47.61
1018	8	1318	11.56	73.93	-19.08	6.37	48.48	41.46	17.09	-539.86	10.26	-533.03	-61.28
		1317	10.39	60.50	-46.82	10.30	3.37	53.55	57.65	-527.99	48.04	-518.38	-74.40
		1315	8.13	57.77	-44.63	14.25	-1.11	50.62	99.48	-343.02	88.05	-331.59	-70.18
		1316	8.17	56.65	-20.65	7.67	28.32	37.24	28.68	-362.69	20.55	-354.56	-55.82
1018	32	1318	8.66	53.67	-14.00	4.65	35.01	30.24	12.95	-410.64	8.11	-405.79	-45.03
		1317	7.78	43.92	-34.41	7.53	1.98	39.07	43.85	-401.52	36.99	-394.66	-54.86
		1315	6.04	41.95	-32.82	10.44	-1.30	36.92	75.85	-260.25	67.70	-252.11	-51.68
		1316	6.09	41.08	-15.16	5.62	20.30	27.14	21.81	-275.29	16.07	-269.54	-40.91
1018	37	1318	7.83	44.26	-11.97	3.91	28.38	25.32	12.12	-388.26	8.44	-384.57	-38.26
		1317	7.04	36.28	-29.51	6.36	0.42	32.76	40.36	-380.06	34.98	-374.68	-47.25
		1315	5.36	34.69	-28.18	8.88	-2.37	30.93	71.02	-244.88	64.59	-238.44	-44.62
		1316	5.43	33.76	-12.97	4.76	16.03	22.67	20.55	-258.65	16.17	-254.28	-34.68
1019	8	1280	13.17	97.29	-0.23	0.52	96.54	8.54	3.51	-551.77	1.59	-549.85	-32.61
		1318	11.59	74.45	-19.54	6.30	48.60	41.97	16.20	-540.15	9.42	-533.36	-61.06
		1316	8.14	57.45	-21.36	7.28	28.80	37.91	26.14	-361.69	19.55	-355.09	-50.14
		1304	8.65	58.84	-0.37	0.19	58.28	5.73	2.54	-379.06	0.84	-377.36	-25.40
1019	32	1280	9.86	70.74	-0.17	0.38	70.19	6.21	2.68	-419.87	1.32	-418.51	-23.94
		1318	8.67	54.06	-14.35	4.60	35.10	30.62	12.25	-410.83	7.51	-406.09	-44.54
		1316	6.06	41.68	-15.69	5.33	20.65	27.64	19.87	-274.51	15.33	-269.97	-36.28
		1304	6.47	42.66	-0.27	0.14	42.26	4.16	1.92	-287.95	0.74	-286.77	-18.45
1019	37	1280	8.90	58.57	-0.15	0.31	58.12	5.14	2.56	-397.11	1.52	-396.08	-20.27
		1318	7.83	44.63	-12.31	3.88	28.45	25.68	11.37	-388.36	7.94	-384.93	-36.86
		1316	5.41	34.30	-13.46	4.51	16.33	23.14	18.70	-257.93	15.52	-254.74	-29.50
		1304	5.83	34.99	-0.23	0.11	34.66	3.41	1.77	-270.86	0.94	-270.02	-15.09
1020	22	1319	12.14	53.99	-42.55	7.41	4.03	48.24	37.33	-689.57	29.15	-681.38	-76.68
		1288	13.16	28.13	-68.76	7.38	-48.02	39.74	70.38	-667.49	64.42	-661.53	-66.07
		1269	10.95	32.60	-59.43	9.96	-36.79	39.63	113.24	-516.07	108.99	-511.82	-51.56
		1317	10.21	52.35	-41.96	9.35	1.04	46.97	67.61	-543.82	58.90	-535.11	-72.45
1020	36	1319	9.14	39.68	-31.55	5.46	2.66	35.59	27.82	-523.00	21.87	-517.05	-56.94
		1288	9.94	20.67	-51.02	5.45	-35.80	29.32	52.19	-506.60	47.89	-502.30	-48.83
		1269	8.27	23.96	-44.13	7.36	-27.53	29.24	84.84	-391.55	81.80	-388.51	-37.93
		1317	7.67	38.48	-31.10	6.91	0.47	34.65	50.87	-412.22	44.53	-405.87	-53.83
1020	37	1319	8.44	37.35	-29.47	5.13	2.75	33.39	22.09	-483.21	16.84	-477.95	-51.25
		1288	9.15	19.54	-47.50	5.12	-33.08	27.54	37.40	-471.13	33.59	-467.31	-43.87
		1269	7.59	22.63	-41.07	6.92	-25.36	27.46	67.25	-364.87	64.43	-362.05	-34.78
		1317	7.09	36.23	-29.03	6.49	0.71	32.50	43.07	-380.98	37.25	-375.16	-49.37
1021	8	1320	14.51	92.14	-16.43	5.88	69.83	43.86	7.85	-677.34	1.29	-670.78	-66.72
		1319	12.26	62.92	-47.15	8.46	7.31	55.03	31.13	-667.64	22.27	-658.77	-78.20
		1317	10.38	60.55	-46.68	10.42	3.46	53.50	57.57	-527.77	48.16	-518.36	-73.61
		1318	11.59	74.16	-18.82	6.47	48.87	41.37	16.97	-540.66	9.99	-533.68	-62.01
1021	32	1320	10.88	66.95	-12.05	4.29	50.61	31.99	5.83	-515.76	1.15	-511.08	-49.18
		1319	9.21	45.67	-34.64	6.17	4.87	40.15	23.47	-508.27	17.13	-501.92	-57.75
		1317	7.77	43.97	-34.30	7.62	2.05	39.03	43.80	-401.36	37.08	-394.64	-54.26
		1318	8.68	53.84	-13.81	4.72	35.31	30.17	12.86	-411.25	7.90	-406.29	-45.58
1021	37	1320	9.89	55.38	-10.28	3.59	41.51	26.80	5.17	-489.19	1.58	-485.61	-41.95
		1319	8.42	37.72	-29.67	5.17	2.88	33.68	20.62	-482.47	15.67	-477.52	-49.67
		1317	7.03	36.33	-29.40	6.44	0.50	32.73	40.34	-379.92	35.08	-374.67	-46.70
		1318	7.85	44.44	-11.79	3.98	28.67	25.26	12.03	-388.83	8.24	-385.04	-38.76
1022	8	1303	17.23	137.86	-0.10	0.82	136.93	11.27	4.42	-686.98	1.56	-684.12	-44.41
		1320	14.54	92.46	-16.74	5.92	69.79	44.29	7.77	-677.96	0.95	-671.14	-68.05
		1318	11.56	74.59	-19.38	6.36	48.85	41.91	15.33	-540.01	9.26	-533.94	-57.76
		1280	13.23	97.83	-0.13	0.61	97.09	8.49	4.24	-553.45	1.49	-550.70	-39.07
1022	32	1303	12.89	100.37	-0.08	0.60	99.70	8.20	3.37	-523.26	1.30	-521.19	-32.96
		1320	10.90	67.19	-12.29	4.32	50.58	32.32	5.75	-516.22	0.94	-511.41	-49.87
		1318	8.65	54.17	-14.23	4.65	35.29	30.58	11.61	-410.74	7.39	-406.52	-42.02
		1280	9.90	71.15	-0.09	0.44	70.61	6.17	3.22	-421.13	1.24	-419.15	-28.86
1022	37	1303	11.65	83.53	-0.07	0.49	82.96	6.82	3.20	-496.39	1.54	-494.72	-28.77
		1320	9.90	55.62	-10.51	3.63	41.48	27.12	5.02	-489.55	1.49	-486.02	-41.63

		1318	7.82	44.75	-12.19	3.92	28.64	25.64	10.84	-388.36	7.83	-385.35	-34.53
		1280	8.94	58.95	-0.08	0.37	58.51	5.11	3.00	-398.24	1.45	-396.70	-24.82
1023	22	1321	13.59	55.96	-41.71	6.65	7.60	48.83	21.57	-788.59	13.24	-780.26	-81.74
		1268	14.97	24.50	-78.01	6.00	-59.50	39.43	50.32	-770.26	42.73	-762.67	-78.56
		1288	13.17	28.04	-69.03	7.38	-48.36	39.73	71.44	-667.51	65.23	-661.31	-67.42
		1319	12.17	54.37	-42.12	7.59	4.66	48.23	37.64	-689.57	29.35	-681.29	-77.18
1023	36	1321	10.24	41.13	-30.92	4.90	5.31	36.02	15.74	-598.35	9.68	-592.30	-60.67
		1268	11.31	18.00	-57.85	4.42	-44.27	29.08	36.81	-584.76	31.31	-579.26	-58.19
		1288	9.95	20.60	-51.23	5.44	-36.07	29.31	52.98	-506.61	48.50	-502.13	-49.85
		1319	9.16	39.97	-31.22	5.61	3.15	35.58	28.06	-523.01	22.03	-516.98	-57.31
1023	37	1321	9.45	38.72	-28.88	4.60	5.24	33.80	11.12	-552.72	5.97	-547.57	-53.63
		1268	10.43	17.02	-53.88	4.16	-41.01	27.32	23.34	-543.26	18.63	-538.56	-51.41
		1288	9.17	19.47	-47.70	5.11	-33.35	27.53	38.11	-471.11	34.15	-467.16	-44.69
		1319	8.46	37.64	-29.14	5.27	3.23	33.38	22.30	-483.21	16.98	-477.89	-51.56
1024	8	1322	16.88	111.27	-13.89	5.77	91.61	45.54	3.14	-769.38	-3.61	-762.62	-71.93
		1321	13.65	65.24	-46.28	7.66	11.31	55.73	17.85	-761.92	9.04	-753.11	-82.42
		1319	12.25	63.01	-47.00	8.55	7.45	55.00	31.12	-667.39	22.40	-658.67	-77.54
		1320	14.54	92.42	-16.24	5.97	70.21	43.82	7.87	-677.74	1.13	-671.00	-67.65
1024	32	1322	12.66	80.90	-10.18	4.21	66.52	33.21	2.10	-586.30	-2.75	-581.45	-53.22
		1321	10.27	47.36	-33.99	5.58	7.79	40.66	13.13	-580.48	6.79	-574.15	-60.99
		1319	9.20	45.74	-34.53	6.24	4.98	40.13	23.48	-508.08	17.24	-501.84	-57.25
		1320	10.90	67.16	-11.90	4.36	50.90	31.96	5.84	-516.06	1.03	-511.25	-49.88
1024	37	1322	11.52	67.08	-8.66	3.52	54.91	27.82	1.28	-557.35	-2.48	-553.59	-45.69
		1321	9.44	39.11	-29.09	4.66	5.36	34.09	10.22	-552.10	5.28	-547.16	-52.48
		1319	8.42	37.79	-29.56	5.24	2.99	33.66	20.64	-482.31	15.78	-477.45	-49.22
		1320	9.91	55.60	-10.14	3.66	41.80	26.77	5.17	-489.46	1.47	-485.77	-42.60
1025	8	1279	20.61	178.60	-0.05	1.06	177.49	14.01	4.90	-776.05	1.14	-772.29	-54.06
		1322	16.92	111.51	-14.11	5.84	91.56	45.92	3.56	-770.23	-3.76	-762.92	-74.89
		1320	14.52	92.63	-16.63	5.98	70.03	44.26	7.05	-677.52	0.84	-671.30	-64.92
		1303	17.28	138.30	-0.01	0.90	137.38	11.24	5.28	-688.20	1.51	-684.43	-50.98
1025	32	1279	15.41	130.13	-0.04	0.77	129.32	10.20	3.74	-591.58	0.98	-588.83	-40.38
		1322	12.69	81.09	-10.35	4.26	66.48	33.50	2.41	-586.95	-2.80	-581.74	-55.17
		1320	10.88	67.33	-12.20	4.36	50.76	32.30	5.22	-515.89	0.86	-511.53	-47.49
		1303	12.93	100.70	-8.73e-03	0.66	100.03	8.18	4.00	-524.17	1.26	-521.43	-37.96
1025	37	1279	13.89	108.57	-0.03	0.64	107.90	8.50	3.53	-562.53	1.25	-560.26	-35.85
		1322	11.54	67.27	-8.83	3.57	54.87	28.10	1.51	-557.90	-2.39	-554.00	-46.55
		1320	9.89	55.76	-10.43	3.67	41.67	27.10	4.58	-489.31	1.42	-486.14	-39.43
		1303	11.68	83.84	-1.69e-03	0.55	83.29	6.80	3.74	-497.19	1.50	-494.95	-33.39
1026	22	1323	14.49	57.88	-40.29	6.31	11.29	49.02	17.82	-841.35	9.14	-832.67	-85.91
		1289	16.25	21.39	-87.10	5.15	-70.87	38.70	44.45	-826.86	35.40	-817.81	-88.34
		1268	14.99	24.41	-78.28	5.97	-59.84	39.41	50.98	-770.43	43.12	-762.58	-79.93
		1321	13.62	56.37	-41.30	6.82	8.26	48.83	21.77	-788.61	13.33	-780.17	-82.26
1026	36	1323	10.92	42.53	-29.85	4.64	8.04	36.15	12.70	-638.62	6.40	-632.32	-63.75
		1289	12.27	15.71	-64.57	3.79	-52.65	28.54	32.16	-627.90	25.60	-621.34	-65.47
		1268	11.32	17.93	-58.07	4.39	-44.53	29.07	37.31	-584.88	31.62	-579.20	-59.22
		1321	10.26	41.44	-30.60	5.03	5.81	36.02	15.89	-598.37	9.76	-592.23	-61.07
1026	37	1323	10.08	40.06	-27.88	4.36	7.82	33.93	8.43	-589.83	3.26	-584.66	-55.37
		1289	11.33	14.86	-60.15	3.57	-48.86	26.82	19.09	-583.03	13.64	-577.57	-57.05
		1268	10.44	16.94	-54.09	4.13	-41.28	27.31	23.76	-543.35	18.91	-538.50	-52.25
		1321	9.47	39.03	-28.56	4.72	5.75	33.79	11.24	-552.73	6.03	-547.52	-53.96
1027	8	1324	18.63	131.11	-11.76	5.81	113.53	46.93	4.03	-814.78	-2.93	-807.82	-75.18
		1323	14.52	67.50	-44.75	7.30	15.44	55.97	16.20	-811.30	7.22	-802.32	-85.70
		1321	13.65	65.35	-46.15	7.73	11.48	55.72	17.76	-761.69	9.08	-753.01	-81.79
		1322	16.91	111.58	-13.74	5.86	91.98	45.51	3.20	-769.66	-3.75	-762.71	-72.95
1027	32	1324	13.97	95.38	-8.61	4.24	82.53	34.22	2.57	-621.38	-2.47	-616.34	-55.85
		1323	10.94	48.99	-32.85	5.32	10.82	40.83	11.53	-618.50	5.06	-612.02	-63.53
		1321	10.27	47.44	-33.88	5.63	7.92	40.65	13.06	-580.30	6.83	-574.07	-60.51
		1322	12.68	81.14	-10.06	4.27	66.80	33.20	2.14	-586.51	-2.85	-581.52	-54.00
1027	37	1324	12.69	79.23	-7.31	3.54	68.39	28.65	1.18	-591.94	-2.77	-587.99	-48.27
		1323	10.08	40.44	-28.08	4.43	7.93	34.22	7.86	-589.29	2.81	-584.24	-54.69
		1321	9.44	39.19	-28.99	4.71	5.49	34.09	10.18	-551.95	5.32	-547.09	-52.04
		1322	11.54	67.32	-8.55	3.58	55.19	27.81	1.31	-557.53	-2.57	-553.65	-46.40
1028	8	1302	23.25	219.15	-0.02	1.26	217.86	16.76	5.06	-816.69	0.60	-812.22	-60.40
		1324	18.67	131.34	-11.96	5.87	113.51	47.30	4.45	-815.51	-3.34	-807.72	-79.57
		1322	16.90	111.70	-14.03	5.89	91.78	45.91	2.87	-769.68	-3.87	-762.94	-71.87
		1279	20.65	178.99	0.04	1.13	177.89	13.98	5.85	-777.12	1.12	-772.39	-60.69
1028	32	1302	17.36	159.74	-0.02	0.92	158.80	12.21	3.86	-623.11	0.56	-619.81	-45.34
		1324	13.99	95.55	-8.76	4.28	82.51	34.50	2.89	-621.95	-2.71	-616.34	-58.93
		1322	12.67	81.24	-10.29	4.30	66.65	33.50	1.90	-586.54	-2.89	-581.75	-52.87
		1279	15.44	130.42	0.03	0.83	129.62	10.18	4.44	-592.39	0.96	-588.91	-45.42
1028	37	1302	15.61	133.49	-0.02	0.77	132.70	10.19	3.65	-593.96	0.86	-591.17	-40.74
		1324	12.72	79.41	-7.46	3.58	68.37	28.93	1.47	-592.45	-2.81	-588.17	-50.25
		1322	11.53	67.42	-8.77	3.60	55.05	28.10	1.10	-557.57	-2.45	-554.02	-44.41
		1279	13.92	108.86	0.03	0.70	108.19	8.49	4.14	-563.24	1.23	-560.33	-40.51
1029	22	1325	14.82	59.63	-38.59	6.03	15.01	48.90	25.72	-848.24	16.81	-839.33	-87.80
		1267	16.96	18.48	-96.17	4.42	-82.11	37.61	50.02	-838.49	39.53	-828.00	-96.00
		1289	16.27	21.30	-87.39	5.12	-71.21	38.69	44.82	-827.11	35.49	-817.78	-89.72

		1323	14.53	58.31	-39.89	6.46	11.96	49.02	17.85	-841.41	9.06	-832.63	-86.44
1029	36	1325	11.17	43.82	-28.59	4.44	10.79	36.06	18.40	-644.09	11.94	-637.63	-65.11
		1267	12.80	13.57	-71.26	3.24	-60.93	27.73	36.11	-636.93	28.51	-629.33	-71.13
		1289	12.28	15.64	-64.79	3.76	-52.91	28.54	32.43	-628.09	25.67	-621.32	-66.50
		1323	10.95	42.86	-29.55	4.76	8.55	36.16	12.73	-638.66	6.35	-632.28	-64.15
1029	37	1325	10.30	41.28	-26.70	4.17	10.41	33.85	13.78	-594.78	8.67	-589.68	-55.50
		1267	11.83	12.84	-66.40	3.06	-56.62	26.06	22.75	-591.23	16.59	-585.07	-61.19
		1289	11.35	14.79	-60.38	3.54	-49.13	26.81	19.31	-583.16	13.70	-577.55	-57.89
		1323	10.10	40.38	-27.58	4.48	8.33	33.93	8.44	-589.86	3.21	-584.63	-55.71
1030	8	1326	19.72	151.35	-10.09	5.88	135.38	48.20	11.71	-812.90	5.06	-806.25	-73.75
		1325	14.84	69.57	-42.93	7.02	19.62	55.89	26.30	-816.11	17.33	-807.15	-86.44
		1323	14.52	67.62	-44.63	7.36	15.62	55.97	15.94	-811.09	7.09	-802.25	-85.08
		1324	18.65	131.44	-11.64	5.89	113.90	46.92	4.04	-815.07	-3.12	-807.91	-76.27
1030	32	1326	14.77	110.15	-7.38	4.29	98.48	35.14	8.09	-620.53	3.24	-615.67	-55.04
		1325	11.18	50.49	-31.50	5.11	13.88	40.76	18.73	-622.61	12.24	-616.12	-64.19
		1323	10.93	49.08	-32.76	5.36	10.96	40.83	11.34	-618.35	4.96	-611.97	-63.06
		1324	13.98	95.63	-8.52	4.30	82.81	34.22	2.58	-621.60	-2.61	-616.41	-56.67
1030	37	1326	13.39	91.63	-6.25	3.58	81.81	29.41	5.61	-592.60	1.75	-588.74	-47.90
		1325	10.30	41.67	-26.90	4.25	10.53	34.14	13.43	-594.32	8.37	-589.26	-55.22
		1323	10.08	40.53	-28.00	4.47	8.07	34.22	7.72	-589.16	2.74	-584.19	-54.26
		1324	12.71	79.48	-7.22	3.60	68.67	28.65	1.19	-592.12	-2.89	-588.04	-49.03
1031	8	1278	25.12	259.48	-0.01	1.47	258.00	19.53	4.91	-807.39	0.19	-802.68	-61.71
		1326	19.75	151.60	-10.27	5.93	135.40	48.58	11.44	-812.92	3.84	-805.31	-78.82
		1324	18.65	131.54	-11.89	5.92	113.73	47.30	3.72	-814.96	-3.51	-807.73	-76.62
		1302	23.29	219.52	0.06	1.34	218.24	16.74	6.08	-817.77	0.58	-812.28	-67.07
1031	32	1278	18.74	189.18	-8.36e-03	1.07	188.11	14.24	3.75	-616.74	0.24	-613.22	-46.56
		1326	14.79	110.34	-7.52	4.32	98.49	35.43	7.94	-620.58	2.40	-615.05	-58.71
		1324	13.98	95.71	-8.71	4.32	82.68	34.51	2.36	-621.54	-2.84	-616.34	-56.68
		1302	17.39	160.02	0.04	0.98	159.09	12.20	4.62	-623.92	0.55	-619.85	-50.41
1031	37	1278	16.78	158.24	-7.07e-03	0.89	157.34	11.89	3.56	-589.71	0.53	-586.68	-42.32
		1326	13.41	91.81	-6.38	3.62	81.81	29.70	5.52	-592.69	1.21	-588.39	-50.56
		1324	12.71	79.57	-7.40	3.62	68.55	28.94	1.02	-592.11	-2.92	-588.17	-48.16
		1302	15.64	133.76	0.04	0.82	132.98	10.18	4.31	-594.67	0.85	-591.20	-45.43
1032	8	1327	14.62	70.69	-40.76	6.39	23.54	55.06	50.83	-776.98	42.33	-768.48	-83.44
		1290	17.10	18.10	-116.16	4.02	-102.08	41.14	62.02	-778.03	49.42	-765.43	-102.09
		1267	16.90	21.52	-106.23	5.11	-89.82	42.74	42.13	-811.46	30.78	-800.10	-97.80
		1325	14.87	69.50	-42.28	7.08	20.14	55.51	26.48	-816.86	17.29	-807.67	-87.55
1032	32	1327	11.00	51.28	-29.89	4.64	16.75	40.13	36.67	-593.27	30.51	-587.11	-61.99
		1290	12.90	13.10	-85.23	2.90	-75.03	29.98	45.31	-593.80	36.24	-584.74	-75.58
		1267	12.76	15.58	-78.00	3.70	-66.12	31.16	30.84	-618.91	22.66	-610.73	-72.44
		1325	11.20	50.44	-31.01	5.15	14.28	40.47	18.89	-623.17	12.24	-616.52	-64.99
1032	37	1327	10.12	42.24	-25.46	3.84	12.94	33.54	28.55	-567.66	23.81	-562.91	-52.99
		1290	11.92	10.73	-72.65	2.36	-64.29	25.05	34.74	-568.41	27.79	-561.46	-64.37
		1267	11.84	12.78	-66.64	3.03	-56.89	26.06	22.78	-591.39	16.46	-585.07	-62.02
		1325	10.32	41.62	-26.41	4.29	10.93	33.85	13.63	-594.85	8.46	-589.68	-55.85
1033	8	1328	20.13	171.63	-8.81	5.87	156.96	49.32	28.29	-762.70	23.09	-757.49	-63.98
		1327	14.62	71.22	-41.03	6.52	23.67	55.46	50.67	-776.42	42.29	-768.04	-82.84
		1325	14.84	69.70	-42.82	7.09	19.79	55.90	25.81	-815.96	16.97	-807.11	-85.84
		1326	19.74	151.69	-9.98	5.97	135.75	48.20	11.61	-813.28	4.75	-806.42	-74.92
1033	32	1328	15.06	124.95	-6.44	4.27	114.23	35.96	20.24	-582.98	16.38	-579.13	-48.07
		1327	11.01	51.68	-30.10	4.74	16.84	40.44	36.54	-592.85	30.45	-586.76	-61.61
		1325	11.18	50.59	-31.42	5.16	14.01	40.77	18.38	-622.49	11.98	-616.09	-63.73
		1326	14.79	110.41	-7.30	4.35	98.77	35.15	8.02	-620.80	3.01	-615.79	-55.93
1033	37	1328	13.61	104.05	-5.44	3.56	95.05	30.07	15.89	-558.72	12.78	-555.60	-42.16
		1327	10.13	42.64	-25.66	3.93	13.05	33.84	28.38	-567.25	23.66	-562.53	-52.84
		1325	10.30	41.77	-26.82	4.29	10.66	34.14	13.14	-594.22	8.15	-589.24	-54.80
		1326	13.41	91.89	-6.16	3.64	82.09	29.41	5.55	-592.83	1.56	-588.84	-48.70
1034	8	1301	26.20	299.64	9.09e-03	1.68	297.96	22.33	4.34	-745.96	0.20	-741.82	-55.59
		1328	20.12	171.90	-8.98	5.92	156.99	49.73	26.35	-761.08	20.41	-755.14	-68.16
		1326	19.73	151.81	-10.21	5.98	135.62	48.60	10.63	-812.45	3.56	-805.38	-75.97
		1278	25.16	259.85	0.07	1.54	258.38	19.51	5.98	-808.55	0.18	-802.76	-68.44
1034	32	1301	19.51	218.50	6.79e-03	1.23	217.28	16.27	3.34	-570.85	0.22	-567.72	-42.27
		1328	15.05	125.15	-6.57	4.31	114.26	36.27	18.86	-581.85	14.47	-577.46	-51.18
		1326	14.78	110.50	-7.47	4.36	98.67	35.45	7.34	-620.23	2.20	-615.10	-56.53
		1278	18.77	189.47	0.05	1.13	188.39	14.22	4.55	-617.60	0.23	-613.28	-51.68
1034	37	1301	17.39	182.86	5.81e-03	1.02	181.84	13.60	3.23	-548.44	0.46	-545.66	-39.02
		1328	13.60	104.24	-5.57	3.60	95.07	30.38	14.79	-557.84	11.30	-554.35	-44.54
		1326	13.40	91.98	-6.34	3.66	81.99	29.71	5.01	-592.40	1.04	-588.43	-48.53
		1278	16.81	158.51	0.05	0.95	157.62	11.88	4.27	-590.47	0.52	-586.72	-47.05
1035	8	1329	13.89	71.53	-38.95	5.19	27.40	54.11	95.04	-692.38	88.03	-685.37	-73.97
		1266	16.79	13.91	-126.37	2.03	-114.50	39.05	99.48	-702.93	84.74	-688.19	-107.77
		1290	17.11	18.05	-116.47	4.00	-102.43	41.14	61.73	-778.33	48.84	-765.44	-103.25
		1327	14.64	71.17	-40.39	6.58	24.20	55.08	50.25	-777.17	41.63	-768.56	-84.00
1035	32	1329	10.44	51.87	-28.55	3.76	19.56	39.43	69.15	-529.36	64.05	-524.26	-54.99
		1266	12.64	10.04	-92.67	1.45	-84.08	28.44	72.77	-536.90	62.17	-526.30	-79.70
		1290	12.90	13.06	-85.47	2.89	-75.30	29.98	45.10	-594.03	35.81	-584.74	-76.47
		1327	11.03	51.64	-29.60	4.78	17.25	40.14	36.25	-593.42	30.00	-587.17	-62.41

1035	37	1329	9.57	42.70	-24.28	3.08	15.34	32.92	56.32	-508.27	52.46	-504.40	-46.56
		1266	11.62	8.17	-78.87	1.12	-71.83	23.74	58.01	-515.03	49.97	-506.99	-67.39
		1290	11.93	10.68	-72.90	2.34	-64.56	25.05	34.55	-568.60	27.43	-561.47	-65.18
		1327	10.15	42.60	-25.17	3.97	13.45	33.55	28.19	-567.78	23.37	-562.96	-53.37
1036	8	1330	19.84	191.53	-7.92	5.55	178.05	50.07	57.94	-662.51	55.64	-660.21	-40.71
		1329	13.89	72.05	-39.21	5.33	27.51	54.52	95.05	-691.85	88.31	-685.11	-72.51
		1327	14.62	71.37	-40.93	6.60	23.84	55.48	49.86	-776.34	41.58	-768.06	-82.30
		1328	20.16	171.99	-8.70	5.96	157.33	49.34	28.02	-763.19	22.60	-757.77	-65.28
1036	32	1330	14.81	139.46	-5.79	4.04	129.63	36.49	42.01	-507.52	40.24	-505.75	-31.12
		1329	10.44	52.27	-28.75	3.86	19.65	39.73	69.14	-528.96	64.22	-524.04	-54.03
		1327	11.01	51.79	-30.02	4.80	16.97	40.45	35.95	-592.79	29.93	-586.77	-61.20
		1328	15.08	125.22	-6.36	4.35	114.52	35.97	20.04	-583.35	16.02	-579.33	-49.05
1036	37	1330	13.31	116.23	-4.88	3.36	107.98	30.50	34.54	-489.26	33.07	-487.79	-27.74
		1329	9.57	43.09	-24.47	3.18	15.44	33.22	56.26	-507.89	52.49	-504.11	-46.00
		1327	10.13	42.74	-25.58	3.98	13.18	33.85	27.88	-567.20	23.22	-562.54	-52.45
		1328	13.62	104.32	-5.36	3.63	95.33	30.09	15.71	-559.02	12.47	-555.78	-43.05
1037	8	1277	26.43	339.54	0.06	1.93	337.67	25.12	3.30	-628.72	0.93	-626.35	-38.62
		1330	19.75	191.76	-8.06	5.66	178.04	50.53	53.04	-658.13	50.63	-655.73	-41.27
		1328	20.11	172.13	-8.93	5.98	157.22	49.77	25.46	-760.80	19.97	-755.32	-65.45
		1301	26.25	300.03	0.09	1.76	298.37	22.31	5.41	-747.18	0.20	-741.97	-62.41
1037	32	1277	19.64	247.61	0.04	1.41	246.25	18.31	2.58	-482.76	0.72	-480.91	-29.94
		1330	14.75	139.64	-5.89	4.12	129.62	36.84	38.46	-504.37	36.61	-502.51	-31.68
		1328	15.05	125.33	-6.53	4.36	114.44	36.30	18.20	-581.64	14.15	-577.59	-49.11
		1301	19.55	218.80	0.07	1.28	217.58	16.26	4.15	-571.77	0.21	-567.83	-47.46
1037	37	1277	17.40	207.29	0.04	1.18	206.16	15.31	2.59	-467.86	0.84	-466.11	-28.66
		1330	13.26	116.39	-4.98	3.44	107.97	30.84	31.64	-486.70	30.10	-485.17	-28.15
		1328	13.60	104.42	-5.52	3.65	95.25	30.40	14.22	-557.65	11.03	-554.46	-42.60
		1301	17.42	183.15	0.06	1.08	182.13	13.59	3.95	-549.24	0.46	-545.75	-43.80
1038	8	1331	12.78	71.10	-37.48	2.49	31.13	52.37	170.11	-562.12	165.86	-557.87	-55.63
		1291	16.03	8.15	-136.52	-1.67	-126.70	36.40	164.85	-586.74	146.63	-568.52	-115.62
		1266	16.79	13.89	-126.69	2.05	-114.85	39.05	98.66	-703.29	83.60	-688.23	-108.88
		1329	13.91	72.03	-38.59	5.41	28.03	54.14	93.96	-692.70	86.81	-685.56	-74.63
1038	32	1331	9.59	51.53	-27.46	1.78	22.29	38.14	124.39	-430.74	121.28	-427.63	-41.41
		1291	12.03	5.83	-100.07	-1.27	-92.96	26.49	120.81	-448.60	107.72	-435.51	-85.33
		1266	12.64	10.03	-92.92	1.46	-84.35	28.44	72.17	-537.17	61.33	-526.33	-80.54
		1329	10.46	52.25	-28.27	3.93	20.05	39.44	68.35	-529.60	63.16	-524.40	-55.49
1038	37	1331	8.72	42.36	-23.30	1.40	17.66	31.81	103.86	-416.12	101.59	-413.85	-34.27
		1291	10.98	4.63	-85.04	-1.18	-79.23	22.08	99.06	-431.52	89.24	-421.70	-71.52
		1266	11.63	8.14	-79.12	1.12	-72.11	23.73	57.48	-515.25	49.25	-507.02	-68.16
		1329	9.59	43.07	-24.00	3.24	15.83	32.94	55.64	-508.47	51.70	-504.52	-47.00
1039	8	1332	18.83	210.48	-7.57	4.50	198.42	49.86	109.53	-511.77	109.51	-511.75	3.60
		1331	12.75	71.55	-37.67	2.64	31.24	52.71	170.08	-561.62	166.40	-557.93	-51.82
		1329	13.88	72.21	-39.11	5.45	27.65	54.55	93.79	-691.89	87.12	-685.22	-72.09
		1330	19.87	191.91	-7.81	5.68	178.43	50.12	57.41	-663.14	54.93	-660.66	-42.21
1039	32	1332	14.02	153.28	-5.53	3.27	144.49	36.33	79.80	-393.61	79.79	-393.61	1.35
		1331	9.57	51.88	-27.61	1.89	22.39	38.40	124.35	-430.36	121.63	-427.64	-38.74
		1329	10.44	52.39	-28.67	3.96	19.76	39.76	68.21	-528.98	63.34	-524.12	-53.70
		1330	14.84	139.76	-5.70	4.14	129.92	36.53	41.62	-507.98	39.72	-506.09	-32.25
1039	37	1332	12.51	127.81	-4.65	2.70	120.45	30.33	66.86	-383.65	66.86	-383.65	0.15
		1331	8.71	42.71	-23.45	1.50	17.76	32.07	103.76	-415.76	101.74	-413.74	-32.36
		1329	9.57	43.21	-24.40	3.26	15.55	33.24	55.47	-507.91	51.74	-504.18	-45.68
		1330	13.33	116.51	-4.79	3.45	108.27	30.53	34.22	-489.65	32.63	-488.07	-28.75
1040	8	1300	25.68	378.65	0.19	2.24	376.59	27.81	2.78	-450.93	2.70	-450.85	-5.94
		1332	18.60	210.50	-7.55	4.77	198.17	50.36	101.13	-504.39	100.94	-504.19	10.92
		1330	19.74	192.01	-8.00	5.74	178.27	50.60	52.13	-658.17	50.00	-656.05	-38.79
		1277	26.48	340.01	0.15	2.01	338.14	25.11	4.24	-629.86	0.95	-626.57	-45.57
1040	32	1300	19.03	276.14	0.14	1.63	274.64	20.28	2.10	-348.91	2.00	-348.81	-5.99
		1332	13.86	153.30	-5.52	3.47	144.31	36.71	73.61	-388.18	73.52	-388.09	6.48
		1330	14.74	139.83	-5.85	4.18	129.80	36.89	37.79	-504.39	36.15	-502.75	-29.78
		1277	19.67	247.96	0.11	1.47	246.61	18.31	3.30	-483.63	0.73	-481.07	-35.22
1040	37	1300	16.73	231.21	0.12	1.37	229.96	16.96	2.07	-344.87	1.88	-344.68	-8.17
		1332	12.37	127.83	-4.66	2.88	120.29	30.69	61.65	-379.11	61.61	-379.07	4.38
		1330	13.26	116.59	-4.94	3.50	108.15	30.88	31.06	-486.71	29.71	-485.36	-26.35
		1277	17.43	207.62	0.10	1.24	206.49	15.31	3.25	-468.63	0.85	-466.24	-33.52
1041	8	1333	11.66	69.14	-36.85	-3.08	35.37	49.38	295.15	-385.42	294.34	-384.62	-23.40
		1265	15.01	-0.36	-146.62	-8.37	-138.61	33.26	277.84	-430.15	253.59	-405.89	-128.77
		1291	16.03	8.16	-136.85	-1.62	-127.06	36.38	163.08	-587.24	144.49	-568.65	-116.63
		1331	12.80	71.59	-37.14	2.75	31.70	52.40	168.27	-562.64	163.88	-558.25	-56.49
1041	32	1333	8.70	50.07	-26.97	-2.30	25.40	35.94	216.41	-296.82	215.81	-296.22	-17.53
		1265	11.22	-0.40	-107.42	-6.18	-101.63	24.20	203.96	-329.41	186.54	-311.99	-94.80
		1291	12.03	5.84	-100.32	-1.24	-93.24	26.48	119.51	-448.97	106.15	-435.61	-86.11
		1331	9.60	51.91	-27.19	1.98	22.74	38.16	123.04	-431.12	119.83	-427.91	-42.05
1041	37	1333	7.80	41.06	-22.83	-2.07	20.30	29.93	183.18	-290.75	182.82	-290.39	-12.95
		1265	10.11	-0.62	-91.16	-5.34	-86.44	20.12	170.37	-318.23	157.33	-305.20	-78.74
		1291	10.99	4.62	-85.30	-1.16	-79.51	22.07	97.92	-431.83	87.88	-421.79	-72.23
		1331	8.73	42.73	-23.04	1.58	18.11	31.83	102.69	-416.44	100.35	-414.09	-34.83
1042	8	1334	17.21	227.80	-8.10	1.89	217.81	47.52	206.37	-320.11	193.94	-307.68	79.94

		1333	11.58	69.37	-36.80	-2.96	35.53	49.48	294.83	-385.41	294.52	-385.09	-14.70
		1331	12.74	71.70	-37.59	2.81	31.31	52.75	168.17	-561.86	164.50	-558.19	-51.61
		1332	18.86	210.89	-7.45	4.66	198.79	49.96	108.63	-512.42	108.63	-512.41	1.82
1042	32	1334	12.77	165.90	-5.92	1.35	158.63	34.60	150.27	-247.91	141.80	-239.45	57.42
		1333	8.65	50.26	-26.94	-2.21	25.53	36.02	216.12	-296.77	215.87	-296.52	-11.31
		1331	9.56	51.99	-27.54	2.01	22.44	38.43	122.94	-430.53	120.24	-427.83	-38.57
		1332	14.05	153.60	-5.44	3.39	144.77	36.40	79.15	-394.09	79.15	-394.09	0.02
1042	37	1334	11.27	138.36	-4.98	1.08	132.30	28.84	126.25	-246.87	119.86	-240.48	48.40
		1333	7.76	41.28	-22.83	-1.98	20.43	30.03	182.81	-290.66	182.67	-290.52	-8.10
		1331	8.70	42.82	-23.38	1.61	17.82	32.10	102.56	-415.91	100.55	-413.90	-32.18
		1332	12.53	128.11	-4.56	2.81	120.73	30.40	66.32	-384.06	66.32	-384.06	-1.02
1043	8	1276	23.78	415.22	0.45	2.65	413.02	30.13	16.44	-218.44	5.75	-207.74	48.98
		1334	16.79	227.17	-7.69	2.55	216.93	47.95	200.65	-316.60	179.97	-295.93	101.33
		1332	18.59	210.78	-7.50	4.88	198.40	50.47	100.44	-504.96	100.15	-504.68	13.13
		1300	25.74	379.26	0.28	2.34	377.21	27.84	3.14	-451.42	2.76	-451.05	-13.03
1043	32	1276	17.56	302.80	0.33	1.94	301.20	21.96	10.89	-172.58	4.21	-165.90	34.36
		1334	12.46	165.44	-5.62	1.83	157.98	34.93	145.62	-244.91	131.56	-230.84	72.78
		1332	13.86	153.51	-5.48	3.55	144.49	36.79	73.09	-388.59	72.95	-388.45	8.19
		1300	19.07	276.60	0.21	1.71	275.10	20.29	2.41	-349.32	2.04	-348.95	-11.37
1043	37	1276	15.27	253.52	0.28	1.62	252.18	18.37	7.54	-180.58	3.73	-176.76	26.53
		1334	11.01	137.98	-4.74	1.49	131.75	29.16	121.70	-243.77	111.17	-233.24	61.14
		1332	12.37	128.04	-4.61	2.95	120.48	30.76	61.20	-379.44	61.12	-379.36	6.02
		1300	16.77	231.63	0.19	1.44	230.38	16.97	2.42	-345.27	1.93	-344.78	-13.11
1044	8	1335	11.60	66.80	-38.11	-13.31	42.00	44.57	504.32	-163.93	502.84	-162.46	31.39
		1292	14.22	-12.88	-156.71	-19.51	-150.09	30.15	474.93	-232.35	440.48	-197.89	-152.25
		1265	15.00	-0.37	-146.95	-8.33	-138.99	33.21	274.26	-431.00	249.56	-406.30	-129.64
		1333	11.66	69.56	-36.58	-2.82	35.81	49.43	292.16	-386.24	291.27	-385.35	-24.60
1044	32	1335	8.58	48.33	-27.88	-9.81	30.27	32.41	370.26	-128.75	369.19	-127.69	23.01
		1292	10.56	-9.56	-114.77	-14.34	-109.98	21.92	349.13	-178.75	324.28	-153.90	-111.80
		1265	11.21	-0.40	-107.67	-6.15	-101.92	24.16	201.31	-330.04	183.57	-312.29	-95.47
		1333	8.71	50.40	-26.76	-2.11	25.75	35.98	214.22	-297.42	213.55	-296.76	-18.41
1044	37	1335	7.49	39.54	-23.54	-8.44	24.43	26.92	315.72	-133.18	314.55	-132.02	22.82
		1292	9.33	-8.36	-97.27	-12.26	-93.38	18.19	295.30	-174.68	276.43	-155.81	-92.25
		1265	10.11	-0.64	-91.42	-5.33	-86.73	20.09	168.07	-318.77	154.77	-305.47	-79.35
		1333	7.80	41.40	-22.62	-1.89	20.67	29.96	181.30	-291.25	180.90	-290.85	-13.72
1045	8	1336	15.61	242.91	-10.18	-3.37	236.10	40.95	410.51	-133.22	318.96	-41.68	203.46
		1335	11.45	66.49	-37.52	-13.27	42.24	43.98	503.98	-166.85	500.37	-163.24	49.11
		1333	11.55	69.45	-36.76	-2.78	35.47	49.54	292.00	-386.00	291.68	-385.67	-14.86
		1334	17.24	228.23	-8.01	2.04	218.18	47.68	204.99	-320.30	193.17	-308.48	77.89
1045	32	1336	11.50	176.90	-7.45	-2.51	171.96	29.77	298.71	-103.78	233.60	-38.67	148.21
		1335	8.48	48.12	-27.45	-9.78	30.45	31.99	369.85	-130.79	367.28	-128.21	35.81
		1333	8.63	50.32	-26.91	-2.08	25.49	36.07	214.04	-297.20	213.78	-296.94	-11.41
		1334	12.79	166.23	-5.85	1.46	158.91	34.72	149.27	-248.06	141.25	-240.03	55.90
1045	37	1336	9.97	147.54	-6.28	-2.21	143.46	24.71	250.59	-106.89	198.19	-54.49	126.43
		1335	7.41	39.41	-23.19	-8.40	24.61	26.59	315.09	-134.78	312.63	-132.31	33.19
		1333	7.74	41.34	-22.79	-1.87	20.41	30.07	181.04	-291.02	180.90	-290.88	-8.15
		1334	11.28	138.67	-4.91	1.18	132.58	28.94	125.44	-247.01	119.40	-240.96	47.07
1046	8	1299	24.45	445.04	0.96	3.20	442.81	31.40	203.31	-82.57	9.88	110.86	133.72
		1336	15.15	240.80	-8.97	-2.03	233.86	41.05	430.78	-158.58	297.05	-24.86	246.84
		1334	16.80	227.44	-7.65	2.64	217.15	48.10	200.77	-317.94	179.30	-296.46	103.34
		1276	23.83	416.11	0.57	2.78	413.90	30.21	13.86	-215.46	5.94	-207.54	41.87
1046	32	1299	17.71	324.50	0.71	2.33	322.88	22.89	142.57	-61.84	7.22	73.51	96.68
		1336	11.16	175.36	-6.56	-1.52	170.32	29.85	312.65	-121.49	217.51	-26.34	179.59
		1334	12.47	165.65	-5.59	1.91	158.15	35.04	145.72	-245.89	131.06	-231.23	74.34
		1276	17.60	303.46	0.42	2.03	301.85	22.02	9.16	-170.55	4.36	-165.74	28.98
1046	37	1299	14.54	271.59	0.60	1.96	270.24	19.12	106.34	-57.86	6.24	42.23	80.10
		1336	9.68	146.23	-5.54	-1.36	142.06	24.82	260.83	-120.43	184.47	-44.07	152.58
		1334	11.01	138.19	-4.71	1.56	131.92	29.25	121.81	-244.59	110.76	-233.55	62.66
		1276	15.31	254.11	0.36	1.71	252.77	18.42	6.40	-179.13	3.86	-176.59	21.58
1047	8	1337	14.53	69.27	-43.20	-29.22	55.28	37.11	855.95	94.99	835.29	115.64	123.65
		1264	14.93	-29.49	-166.78	-35.65	-160.63	28.42	823.39	13.81	773.93	63.28	-193.91
		1292	14.16	-13.04	-157.08	-19.61	-150.51	30.05	467.76	-234.14	432.70	-199.08	-152.92
		1335	11.57	66.99	-38.13	-13.32	42.18	44.64	499.77	-165.19	498.44	-163.86	29.66
1047	32	1337	10.68	50.14	-31.61	-21.47	40.00	26.94	628.87	67.90	613.66	83.11	91.12
		1264	11.00	-21.72	-122.09	-26.16	-117.64	20.65	606.00	8.59	570.03	44.56	-142.11
		1292	10.52	-9.68	-115.05	-14.42	-110.30	21.84	343.85	-180.08	318.55	-154.78	-112.31
		1335	8.57	48.49	-27.89	-9.81	30.42	32.46	366.92	-129.67	365.97	-128.72	21.73
1047	37	1337	9.12	41.07	-26.67	-18.32	32.72	22.27	538.47	51.34	524.16	65.66	82.26
		1264	9.46	-18.64	-103.35	-22.26	-99.73	17.13	517.05	3.42	488.82	31.65	-117.05
		1292	9.30	-8.48	-97.55	-12.33	-93.70	18.13	290.72	-175.82	271.50	-156.59	-92.73
		1335	7.48	39.73	-23.51	-8.42	24.64	26.96	312.88	-133.96	311.82	-132.90	21.73
1048	7	1338	19.82	259.46	-14.27	-11.37	256.56	28.03	807.24	-21.52	490.57	295.16	402.70
		1337	14.40	69.49	-42.04	-29.14	56.59	35.66	858.67	79.12	821.20	116.59	166.75
		1335	11.26	68.05	-37.85	-13.06	43.26	44.84	500.09	-158.21	494.94	-153.06	58.02
		1336	15.64	246.71	-10.36	-3.35	239.70	41.86	420.96	-129.27	321.13	-29.44	212.04
1048	31	1338	14.42	188.73	-10.46	-8.39	186.66	20.23	589.76	-15.40	359.40	214.96	293.84
		1337	10.58	50.21	-30.74	-21.42	40.89	25.84	630.46	56.62	603.31	83.77	121.82

		1335	8.35	49.15	-27.67	-9.63	31.12	32.56	366.96	-125.07	363.40	-121.50	41.73
		1336	11.53	179.48	-7.57	-2.50	174.41	30.39	305.47	-100.92	235.08	-30.54	153.79
1048	37	1338	11.90	155.44	-8.88	-7.28	153.84	16.14	494.04	-11.89	304.29	177.85	244.94
		1337	9.05	40.25	-25.85	-18.38	32.77	20.94	538.24	43.58	516.21	65.61	102.03
		1335	7.39	39.36	-23.25	-8.37	24.48	26.66	312.66	-135.47	310.24	-133.06	32.80
		1336	9.98	147.87	-6.36	-2.26	143.77	24.82	249.84	-106.18	198.41	-54.75	125.16
1049	7	1275	32.04	465.73	1.78	3.86	463.65	30.99	620.61	-97.67	14.30	508.64	260.55
		1338	21.22	254.98	-12.09	-9.23	252.12	27.49	870.91	-96.78	458.03	316.10	478.61
		1336	15.22	244.42	-9.04	-1.93	237.31	41.86	448.13	-161.15	299.31	-12.33	261.78
		1299	24.99	451.46	1.04	3.32	449.18	31.95	214.94	-77.61	10.99	126.34	134.42
1049	31	1275	23.34	339.10	1.30	2.82	337.59	22.54	452.83	-70.73	10.38	371.71	189.45
		1338	15.44	185.45	-8.86	-6.81	183.40	19.84	635.63	-69.83	335.48	230.32	348.79
		1336	11.21	177.80	-6.61	-1.45	172.65	30.39	324.28	-123.23	219.03	-17.98	189.80
		1299	18.08	328.87	0.77	2.43	327.21	23.26	149.72	-57.76	8.00	83.97	96.53
1049	37	1275	19.35	280.33	1.11	2.35	279.10	18.56	377.47	-57.26	8.49	311.72	155.76
		1338	12.73	152.63	-7.52	-5.93	151.05	15.84	530.37	-55.68	283.78	190.91	289.32
		1336	9.69	146.44	-5.55	-1.37	142.25	24.86	262.33	-121.74	184.64	-44.05	154.28
		1299	14.56	272.38	0.66	2.03	271.01	19.22	102.65	-52.66	6.59	43.41	75.44
1050	8	1339	21.88	88.69	-51.28	-46.34	83.75	25.82	1429.40	385.32	1349.49	465.23	277.58
		1293	22.57	-45.49	-176.25	-53.00	-168.73	30.43	1451.45	333.45	1384.65	400.24	-264.98
		1264	14.76	-29.88	-167.21	-36.05	-161.03	28.46	808.86	9.44	758.37	59.94	-194.47
		1337	14.55	68.79	-44.49	-30.69	54.98	37.06	850.27	93.05	830.33	113.00	121.26
1050	32	1339	16.03	64.43	-37.55	-34.01	60.89	18.67	1050.88	288.12	991.46	347.54	204.43
		1293	16.60	-33.41	-128.97	-38.86	-123.52	22.15	1068.93	251.18	1019.96	300.15	-194.02
		1264	10.88	-22.01	-122.42	-26.47	-117.96	20.69	595.31	5.35	558.58	42.08	-142.55
		1337	10.68	49.81	-32.54	-22.54	39.81	26.90	624.73	66.49	610.04	81.18	89.37
1050	37	1339	13.63	53.31	-31.76	-28.93	50.48	15.26	902.09	257.23	847.15	312.18	180.03
		1293	14.19	-28.48	-109.03	-32.96	-104.56	18.45	917.00	232.14	877.16	271.98	-160.32
		1264	9.36	-18.90	-103.67	-22.53	-100.04	17.16	507.85	0.63	479.01	29.47	-117.46
		1337	9.13	40.86	-27.44	-19.21	32.63	22.24	535.02	50.19	521.16	64.05	80.80
1051	7	1340	27.27	270.42	-17.76	-17.68	270.34	4.71	1351.12	18.65	686.20	683.58	666.24
		1339	22.00	86.01	-50.91	-47.81	82.91	20.35	1429.97	334.73	1308.44	456.26	344.00
		1337	14.34	69.15	-42.16	-29.12	56.11	35.80	854.06	77.30	817.09	114.27	165.40
		1338	19.86	260.24	-15.51	-12.60	257.33	28.18	809.56	-18.60	494.39	296.57	402.09
1051	31	1340	19.98	196.72	-13.06	-13.01	196.68	3.12	992.65	18.28	502.78	508.15	487.18
		1339	16.12	62.40	-37.29	-35.09	60.21	14.62	1050.99	252.05	961.34	341.70	252.17
		1337	10.53	49.97	-30.83	-21.41	40.54	25.94	627.12	55.28	600.31	82.08	120.87
		1338	14.45	189.32	-11.36	-9.28	187.24	20.34	591.48	-13.22	362.22	216.03	293.38
1051	37	1340	16.90	162.08	-11.22	-11.20	162.07	1.57	849.61	30.15	425.88	453.88	409.49
		1339	13.65	50.85	-31.54	-29.93	49.23	11.43	900.68	235.34	822.77	313.26	213.94
		1337	9.01	40.06	-25.93	-18.37	32.50	21.02	535.52	42.42	513.72	64.22	101.36
		1338	11.93	155.97	-9.64	-8.03	154.37	16.23	495.55	-9.93	306.72	178.90	244.53
1052	7	1298	38.78	455.62	2.72	4.39	453.94	27.51	1091.82	-142.24	13.38	936.20	409.67
		1340	29.20	263.63	-16.10	-16.02	263.55	4.75	1447.71	-102.35	642.44	702.93	774.44
		1338	21.30	255.53	-12.22	-9.46	252.77	27.06	877.06	-98.10	460.74	318.21	482.35
		1275	32.13	466.69	1.61	3.71	464.59	31.18	622.70	-92.21	15.74	514.76	255.97
1052	31	1298	28.40	331.45	1.99	3.20	330.24	19.97	805.62	-102.66	9.66	693.30	299.00
		1340	21.37	191.74	-11.84	-11.79	191.69	3.15	1062.75	-69.77	470.67	522.31	565.67
		1338	15.50	185.86	-8.96	-6.98	183.89	19.52	640.28	-70.90	337.48	231.91	351.65
		1275	23.41	339.82	1.18	2.71	338.29	22.68	454.27	-66.59	11.44	376.25	185.88
1052	37	1298	23.98	273.06	1.69	2.67	272.07	16.30	700.72	-82.10	7.72	610.89	249.50
		1340	18.02	157.84	-10.17	-10.16	157.82	1.61	906.78	-42.44	398.50	465.83	473.42
		1338	12.79	153.02	-7.60	-6.07	151.50	15.57	534.76	-56.88	285.48	192.39	292.14
		1275	19.41	280.97	1.01	2.26	279.72	18.67	378.39	-53.28	9.40	315.72	152.08
1053	8	1341	32.75	146.04	-36.35	-35.02	144.70	15.54	2289.26	716.38	2089.15	916.49	524.13
		1263	37.64	-46.24	-183.80	-55.44	-174.60	34.36	2619.73	794.01	2538.11	875.63	-377.30
		1293	22.27	-41.79	-176.08	-50.95	-166.91	33.87	1421.07	322.20	1352.30	390.97	-266.17
		1339	22.50	85.62	-61.87	-58.20	81.95	22.96	1429.22	383.06	1350.47	461.81	276.01
1053	32	1341	23.98	106.54	-26.62	-25.69	105.60	11.13	1683.20	538.31	1534.14	687.37	385.28
		1263	27.69	-33.86	-134.44	-40.57	-127.74	25.09	1929.24	599.05	1869.11	659.18	-276.35
		1293	16.38	-30.72	-128.86	-37.37	-122.21	24.66	1046.64	242.88	996.21	293.31	-194.91
		1339	16.49	62.22	-45.31	-42.69	59.60	16.58	1050.86	286.54	992.28	345.12	203.32
1053	37	1341	20.34	89.17	-22.53	-21.82	88.47	8.85	1444.72	488.94	1308.73	624.92	333.89
		1263	23.74	-28.65	-113.53	-34.24	-107.94	21.06	1658.29	555.40	1608.06	605.63	-229.96
		1293	13.99	-26.26	-108.97	-31.73	-103.50	20.55	897.96	224.99	856.91	266.04	-161.07
		1339	14.02	51.54	-38.31	-36.24	49.46	13.50	902.37	256.11	848.12	310.36	179.21
1054	7	1342	34.71	269.86	-7.59	-5.03	267.31	-26.49	1946.79	-26.24	828.14	1092.41	977.63
		1341	34.34	134.71	-60.28	-60.08	134.52	-6.21	2268.47	620.97	1993.31	896.13	614.51
		1339	21.75	84.81	-45.84	-42.80	81.77	19.69	1427.51	331.63	1305.65	453.49	344.52
		1340	27.55	272.73	-23.59	-23.49	272.63	5.43	1365.70	26.24	699.59	692.35	669.72
1054	31	1342	25.51	196.33	-5.66	-3.71	194.38	-19.75	1434.28	-11.27	606.62	816.40	715.12
		1341	25.14	98.22	-44.17	-44.00	98.06	-4.84	1668.04	469.97	1464.00	674.01	450.36
		1339	15.93	61.52	-33.59	-31.44	59.38	14.14	1049.27	249.80	959.32	339.76	252.63
		1340	20.18	198.43	-17.32	-17.26	198.37	3.64	1003.37	23.92	512.60	514.68	489.72
1054	37	1342	21.85	161.80	-5.15	-3.23	159.88	-17.81	1240.85	15.40	513.27	742.97	601.86
		1341	21.24	81.64	-37.42	-37.21	81.43	-5.05	1432.26	445.97	1251.25	626.97	381.78
		1339	13.50	50.14	-28.46	-26.88	48.56	11.02	899.50	233.49	821.12	311.87	214.60

		1340	17.08	163.56	-14.81	-14.79	163.54	1.99	858.79	35.17	434.21	459.74	411.62
1055	7	1274	43.38	418.69	1.53	2.92	417.30	24.02	1492.77	-206.13	-2.63	1289.28	551.65
		1342	37.45	263.77	-13.08	-11.92	262.61	-17.89	2054.75	-171.57	787.41	1095.77	1102.43
		1340	29.37	265.65	-15.41	-15.39	265.63	2.29	1464.81	-104.39	648.77	711.64	783.97
		1298	38.95	454.53	2.45	4.20	452.77	28.13	1106.37	-135.75	17.54	953.08	408.54
1055	31	1274	31.86	304.12	1.12	2.12	303.11	17.39	1106.85	-148.76	-2.11	960.20	403.27
		1342	27.49	191.84	-9.66	-8.76	190.94	-13.45	1512.58	-116.85	576.88	818.85	805.68
		1340	21.50	193.24	-11.34	-11.33	193.23	1.35	1075.43	-71.37	475.28	528.78	572.78
		1298	28.52	330.66	1.79	3.07	329.39	20.42	816.23	-97.78	12.72	705.73	297.97
1055	37	1274	27.24	249.01	0.95	1.75	248.21	14.05	980.08	-119.06	-2.36	863.38	338.60
		1342	23.44	157.90	-8.42	-7.48	156.96	-12.47	1304.53	-71.04	488.43	745.06	675.71
		1340	18.14	159.16	-9.77	-9.77	159.16	0.08	918.04	-44.13	402.31	471.59	479.84
		1298	24.08	272.41	1.52	2.55	271.38	16.68	709.55	-77.58	10.34	621.63	247.95
1056	8	1343	58.48	386.19	125.93	211.77	300.36	122.36	3332.37	1071.72	2932.00	1472.10	863.02
		1294	67.61	-23.63	-276.02	-36.88	-262.77	-56.29	4862.26	1525.79	4767.67	1620.38	-553.76
		1263	36.23	45.48	-175.78	5.61	-135.91	85.04	2558.52	780.79	2476.11	863.20	-373.78
		1341	39.88	131.23	-156.55	-154.68	129.36	-23.14	2333.76	722.17	2132.93	922.99	532.28
1056	32	1343	42.91	282.25	92.47	155.04	219.68	89.21	2448.01	804.84	2150.78	1102.08	632.50
		1294	49.61	-16.99	-201.70	-26.63	-192.06	-41.07	3578.17	1147.82	3508.06	1217.93	-406.81
		1263	26.65	33.15	-128.58	4.03	-99.46	62.15	1884.36	589.40	1823.69	650.08	-273.66
		1341	29.20	95.82	-114.62	-113.21	94.41	-17.17	1716.14	543.03	1566.56	692.61	391.28
1056	37	1343	36.56	237.34	78.76	130.95	185.15	74.51	2093.70	730.79	1828.08	996.41	539.88
		1294	42.18	-13.73	-169.69	-21.68	-161.74	-34.32	3071.73	1054.87	3011.36	1115.23	-343.66
		1263	22.83	27.65	-108.61	3.23	-84.19	52.26	1620.26	547.39	1569.72	597.93	-227.30
		1341	24.75	80.39	-96.86	-95.58	79.11	-15.00	1473.53	494.26	1337.08	630.71	339.12
1057	7	1344	38.44	180.46	29.15	33.78	175.82	-26.07	2272.32	-235.09	719.45	1317.78	1217.48
		1343	52.23	269.28	-105.14	-95.69	259.83	-58.71	3293.39	1015.43	2847.94	1460.87	903.48
		1341	32.27	130.18	-1.65	6.23e-04	128.52	-14.66	2273.51	594.84	1972.54	895.81	643.93
		1342	35.65	275.66	-26.03	-24.30	273.93	-22.78	1992.78	11.81	874.21	1130.37	982.17
1057	31	1344	28.27	130.87	21.30	24.84	127.32	-19.38	1677.57	-161.88	527.02	988.68	890.29
		1343	38.17	196.84	-76.76	-69.74	189.82	-43.27	2420.16	767.09	2090.59	1096.66	660.44
		1341	23.63	94.97	-1.36	-0.08	93.69	-11.03	1671.91	450.74	1448.56	674.09	472.08
		1342	26.19	200.57	-19.13	-17.80	199.24	-17.04	1467.87	16.94	640.44	844.36	718.26
1057	37	1344	24.30	106.52	17.81	21.33	103.00	-17.32	1462.76	-104.85	445.96	911.96	748.37
		1343	32.06	165.25	-64.15	-57.86	158.96	-37.48	2073.31	723.49	1783.26	1013.54	554.43
		1341	20.02	79.13	-1.65	-0.33	77.81	-10.27	1436.17	429.34	1237.46	628.05	400.73
		1342	22.43	165.36	-16.42	-15.07	164.02	-15.57	1268.97	40.33	542.14	767.16	603.93
1058	7	1297	40.64	364.15	5.82	7.12	362.86	21.49	1459.81	-275.20	-54.79	1239.40	577.78
		1344	42.80	264.37	-9.38	-7.26	262.25	-24.02	2353.23	-285.45	742.95	1324.83	1286.86
		1342	38.13	261.35	-8.39	-7.30	260.27	-17.05	2095.27	-194.66	791.02	1109.59	1133.83
		1274	44.12	418.30	-2.11	-0.83	417.03	23.13	1544.51	-194.21	10.32	1339.98	560.17
1058	31	1297	29.95	263.97	4.25	5.19	263.04	15.55	1089.35	-198.52	-40.29	931.12	422.78
		1344	31.47	192.16	-6.83	-5.22	190.55	-17.84	1736.13	-197.14	544.67	994.32	940.12
		1342	27.98	190.08	-6.21	-5.36	189.24	-12.84	1542.33	-133.89	579.42	829.02	828.76
		1274	32.40	303.82	-1.55	-0.63	302.90	16.74	1144.67	-139.88	7.42	997.38	409.28
1058	37	1297	25.93	214.41	3.55	4.30	213.67	12.53	987.03	-158.82	-34.59	862.80	356.26
		1344	27.02	157.79	-5.67	-4.11	156.23	-15.88	1510.00	-129.40	462.33	918.26	787.36
		1342	23.86	156.47	-5.48	-4.58	155.58	-11.99	1329.90	-85.86	490.23	753.81	695.51
		1274	27.69	248.74	-1.32	-0.59	248.00	13.50	1011.83	-111.08	5.80	894.94	342.92
1059	8	1295	60.51	233.12	-25.62	233.02	-25.52	5.22	3836.53	883.99	3023.78	1696.74	1318.76
		22	155.52	627.73	-59.89	599.74	-31.90	-135.88	8974.12	1777.00	8714.82	2036.30	-1341.27
		1294	68.68	-49.83	-152.01	-143.11	-58.72	-28.80	4802.77	1908.36	4753.31	1957.83	-375.14
		1343	54.14	255.26	-43.06	220.08	-7.88	-96.21	3550.28	1083.38	3252.95	1380.71	803.17
1059	32	1295	44.36	171.12	-18.66	171.06	-18.60	3.33	2819.07	656.92	2215.45	1260.53	969.93
		22	114.10	460.81	-42.49	440.69	-22.37	-98.60	6597.72	1337.25	6402.75	1532.21	-993.78
		1294	50.45	-36.46	-111.20	-104.72	-42.95	-21.03	3532.57	1430.11	3495.98	1466.70	-274.93
		1343	39.64	187.16	-31.60	161.26	-5.69	-70.68	2606.63	817.75	2387.96	1036.42	585.96
1059	37	1295	37.64	145.54	-15.50	145.53	-15.49	1.41	2409.83	578.70	1875.93	1112.61	832.22
		22	96.98	392.12	-32.60	376.08	-16.56	-80.96	5645.46	1229.81	5467.08	1408.19	-869.40
		1294	43.10	-31.02	-93.86	-88.43	-36.45	-17.66	3028.95	1299.18	2998.10	1330.03	-228.94
		1343	33.55	158.75	-26.76	136.52	-4.52	-60.25	2224.37	753.75	2033.85	944.28	493.85
1060	7	1296	18.62	234.05	2.87	12.11	224.81	-45.27	656.53	-352.85	-58.98	362.66	458.55
		1295	65.58	337.61	-30.03	319.24	-11.65	80.11	3944.36	2658.53	3736.66	2866.23	473.21
		1343	69.47	189.93	-338.82	-90.81	-58.07	-263.87	3445.91	341.91	2685.84	1101.98	1334.75
		1344	53.60	341.58	12.40	17.56	336.42	40.90	2699.34	-90.76	879.86	1728.72	1328.92
1060	31	1296	13.95	170.17	2.04	8.89	163.32	-33.23	501.02	-249.64	-42.35	293.73	335.61
		1295	48.14	247.85	-22.59	234.37	-9.12	58.85	2896.74	1976.05	2742.02	2130.77	344.25
		1343	50.87	139.45	-248.15	-66.08	-42.61	-193.44	2532.15	271.40	1970.92	832.63	976.64
		1344	39.38	248.42	9.25	12.99	244.69	29.65	1990.87	-55.37	645.07	1290.44	970.90
1060	37	1296	12.81	139.91	1.53	7.60	133.84	-28.33	491.70	-185.75	-33.06	339.01	283.06
		1295	41.11	211.47	-21.05	200.01	-9.59	50.33	2476.31	1763.13	2335.88	1903.56	283.60
		1343	43.03	119.03	-209.84	-54.51	-36.30	-164.18	2168.82	296.62	1678.99	786.45	822.88
		1344	33.71	204.42	8.38	11.39	201.41	24.11	1729.40	-12.09	547.64	1169.67	813.31
1061	8	1272	21.22	335.34	-6.69	-6.51	335.15	7.91	338.09	-303.10	-84.83	119.82	303.83
		1296	23.51	230.95	15.18	22.85	223.29	39.94	996.97	80.86	449.55	628.28	449.25
		1344	44.56	239.38	5.99	16.72	228.65	-48.88	2540.60	-531.34	648.56	1360.70	1494.13
		1297	46.02	365.36	-7.34	-4.64	362.65	31.66	1776.62	-274.83	-28.22	1530.01	667.14

1061	32	1272	15.82	243.47	-4.95	-4.82	243.34	5.68	266.47	-213.61	-62.14	115.00	223.10
		1296	17.43	167.77	11.10	16.74	162.12	29.20	745.84	71.45	330.50	486.79	328.01
		1344	32.74	174.27	4.38	12.38	166.26	-35.99	1872.40	-379.24	475.43	1017.73	1092.68
		1297	33.88	265.36	-5.37	-3.39	263.38	23.05	1319.46	-198.64	-20.65	1141.48	488.39
1061	37	1272	14.13	201.79	-4.30	-4.20	201.69	4.59	275.00	-163.59	-52.61	164.02	190.68
		1296	15.33	138.96	9.22	14.06	134.12	24.59	673.02	87.30	281.80	478.52	275.84
		1344	28.09	145.25	3.74	10.81	138.17	-30.84	1618.63	-299.48	402.88	916.27	924.07
		1297	29.20	220.03	-4.51	-2.85	218.37	19.25	1165.29	-162.50	-17.36	1020.15	414.30
1062	7	1345	157.21	249.02	-148.24	246.76	-145.98	29.88	1105.29	-9234.59	-193.58	-7935.72	-3426.82
		1370	65.53	186.96	83.45	165.87	104.54	41.69	4402.64	835.55	1198.07	4040.12	1077.83
		1371	42.56	75.97	-7.51	-4.38	72.84	15.87	570.57	-2271.00	-17.82	-1682.61	-1151.41
		1346	18.85	-73.25	-226.73	-155.39	-144.59	-76.55	124.21	-809.95	-222.66	-463.09	451.34
1062	31	1345	115.05	182.54	-108.18	180.85	-106.49	22.11	808.61	-6758.78	-138.27	-5811.90	-2503.76
		1370	48.04	136.69	61.04	121.37	76.36	30.40	3229.80	619.49	889.60	2959.69	795.06
		1371	30.98	55.71	-5.38	-3.06	53.40	11.66	414.64	-1651.21	-5.10	-1231.47	-831.23
		1346	13.97	-53.58	-165.93	-113.83	-105.68	-56.03	100.51	-595.45	-163.30	-331.64	337.65
1062	37	1345	97.00	154.88	-90.25	153.33	-88.70	19.42	680.92	-5700.61	-105.63	-4914.06	-2097.79
		1370	40.79	114.82	51.35	102.27	63.90	25.28	2748.73	547.76	791.42	2505.08	690.58
		1371	25.58	47.32	-4.14	-2.13	45.31	9.97	340.95	-1358.15	21.34	-1038.54	-664.00
		1346	12.36	-45.08	-139.92	-96.32	-88.68	-47.27	116.41	-511.41	-138.83	-256.18	308.38
1063	8	1370	27.83	114.65	-68.30	111.89	-65.54	22.30	548.47	-1206.91	274.76	-933.19	-636.83
		1369	40.56	220.42	71.99	196.63	95.78	-54.45	2368.92	852.92	2323.24	898.59	-259.15
		1372	31.17	53.05	-45.10	-37.71	45.66	-25.90	1088.49	-1117.47	983.45	-1012.44	-469.76
		1371	14.23	50.61	41.03	41.78	49.86	-2.58	854.68	-29.28	708.98	116.43	-327.97
1063	32	1370	20.41	83.91	-50.17	81.88	-48.13	16.39	405.05	-881.18	208.25	-684.38	-463.03
		1369	29.97	161.92	52.88	144.37	70.43	-40.08	1754.01	627.78	1721.66	660.13	-188.11
		1372	22.99	39.00	-33.30	-27.86	33.56	-19.07	809.21	-815.74	735.37	-741.90	-338.42
		1371	10.38	37.23	30.13	30.72	36.64	-1.96	627.17	-11.92	526.69	88.55	-232.63
1063	37	1370	17.39	70.94	-42.74	69.18	-40.99	14.02	351.11	-741.91	191.78	-582.58	-385.70
		1369	26.00	138.08	45.06	122.93	60.21	-34.35	1529.52	539.16	1504.24	564.45	-156.22
		1372	19.85	33.33	-28.74	-24.09	28.69	-16.34	712.75	-686.92	656.26	-630.43	-275.45
		1371	8.75	31.83	25.71	26.28	31.26	-1.77	535.45	9.67	462.76	82.36	-181.48
1064	8	1369	90.10	230.19	169.37	201.09	198.47	30.39	793.22	-5426.13	-1598.79	-3034.13	3025.73
		40	380.80	290.54	-213.22	267.40	-190.08	-105.46	2.484e+04	1121.08	1.887e+04	7088.82	-
1.029e+04													
		1368	155.93	-30.12	-251.41	-184.09	-97.44	101.81	-2224.22	-1.058e+04	-9650.37	-3149.77	2621.69
		1372	118.93	89.75	-9.42	-8.09	88.42	-11.40	7947.01	86.03	5680.79	2352.25	-3560.75
1064	32	1369	66.36	169.16	124.27	147.59	145.84	22.43	594.51	-3991.89	-1165.32	-2232.07	2230.31
		40	280.42	213.53	-156.60	196.44	-139.51	-77.69	1.829e+04	831.13	1.391e+04	5215.98	-7572.74
		1368	114.49	-22.02	-184.97	-135.48	-71.51	74.94	-1628.32	-7762.21	-7078.30	-2312.23	1930.62
		1372	87.45	65.99	-6.98	-5.98	65.00	-8.47	5849.34	75.14	4191.48	1733.01	-2612.34
1064	37	1369	57.12	144.41	105.62	125.58	124.46	19.39	533.48	-3427.09	-977.61	-1916.00	1923.90
		40	241.32	182.39	-133.51	167.56	-118.68	-66.82	1.575e+04	726.53	1.200e+04	4480.04	-6504.34
		1368	97.83	-18.47	-158.55	-116.20	-60.82	64.33	-1380.42	-6626.17	-6032.60	-1973.99	1661.75
		1372	74.99	56.44	-6.08	-5.18	55.55	-7.42	5028.00	89.28	3624.01	1493.27	-2227.72
1065	7	1346	25.47	18.16	-117.53	14.83	-114.20	-20.99	-6.35	-1288.65	-6.66	-1288.33	-19.98
		1371	19.11	57.73	-23.73	-13.87	47.87	-26.57	662.04	-691.56	575.51	-605.03	-331.11
		1373	11.41	20.06	-21.48	-11.56	10.13	-17.72	207.24	-614.36	167.04	-574.15	-177.24
		1347	11.45	-7.68	-53.19	-11.01	-49.86	-11.85	-29.88	-612.36	-62.35	-579.89	-133.65
1065	31	1346	18.58	13.30	-85.86	10.88	-83.43	-15.32	-4.44	-939.81	-4.53	-939.71	-9.38
		1371	13.98	42.39	-17.35	-10.13	35.17	-19.48	488.23	-498.61	429.80	-440.17	-232.92
		1373	8.34	14.76	-15.69	-8.48	7.56	-12.94	154.40	-444.21	128.29	-418.10	-122.25
		1347	8.28	-5.62	-38.80	-8.06	-36.35	-8.67	-23.11	-442.72	-45.31	-420.52	-93.92
1065	37	1346	15.47	11.26	-71.91	9.25	-69.89	-12.78	-2.61	-782.30	-2.72	-782.20	9.00
		1371	11.81	36.18	-14.59	-8.48	30.06	-16.53	425.19	-397.70	390.19	-362.70	-166.07
		1373	7.04	12.71	-13.11	-7.22	6.82	-10.84	140.52	-358.64	127.68	-345.80	-79.00
		1347	6.67	-4.72	-32.30	-6.80	-30.21	-7.29	-23.22	-356.03	-37.15	-342.09	-66.65
1066	8	1371	16.14	31.62	7.13	11.40	27.35	-9.30	331.84	-822.63	306.91	-797.70	-167.81
		1372	34.95	81.93	-16.80	-16.41	81.54	6.16	1969.70	-323.96	1630.55	15.20	-814.18
		1374	22.21	42.69	-23.29	-7.26	26.65	28.30	497.20	-966.35	226.45	-695.59	-568.29
		1373	15.42	26.12	-32.03	-23.99	18.08	-20.07	571.02	-534.28	514.87	-478.13	-242.72
1066	32	1371	11.83	23.23	5.26	8.39	20.09	-6.82	247.23	-599.39	231.01	-583.17	-116.05
		1372	25.74	60.28	-12.46	-12.18	60.00	4.49	1455.38	-230.44	1210.98	13.96	-593.53
		1374	16.28	31.43	-17.16	-5.35	19.61	20.84	371.05	-702.63	176.77	-508.35	-413.35
		1373	11.31	19.22	-23.45	-17.60	13.37	-14.68	421.80	-386.67	382.94	-347.80	-172.95
1066	37	1371	10.07	19.80	4.59	7.23	17.17	-5.75	219.23	-502.39	209.32	-492.48	-83.99
		1372	22.16	51.62	-10.88	-10.66	51.40	3.76	1262.81	-181.31	1063.46	18.05	-498.15
		1374	13.86	26.99	-14.76	-4.58	16.81	17.93	329.79	-585.86	172.97	-429.04	-344.97
		1373	9.64	16.46	-19.79	-14.95	11.62	-12.33	365.94	-318.42	337.42	-289.90	-136.78
1067	8	1372	31.76	160.54	-27.57	12.98	119.99	77.36	988.48	-831.41	721.45	-564.37	-643.94
		1368	48.58	-40.26	-150.14	-54.00	-136.40	36.35	2111.11	-1428.95	1085.64	-403.49	-1605.81
		586	23.38	138.76	-27.79	103.52	7.44	68.02	21.33	-1040.26	-887.85	-131.09	-372.25
		1374	34.48	-13.85	-35.80	-26.29	-23.37	10.88	1438.58	-1131.70	706.29	-399.42	-1160.15
1067	32	1372	23.31	118.09	-20.33	9.48	88.28	56.90	732.86	-603.12	542.21	-412.47	-467.29
		1368	35.83	-29.71	-110.31	-39.81	-100.21	26.68	1569.21	-1041.03	820.60	-292.42	-1180.52
		586	17.01	102.01	-20.48	75.98	5.54	50.11	21.17	-749.32	-635.77	-92.39	-273.13
		1374	25.30	-10.14	-26.36	-19.36	-17.14	8.03	1062.15	-822.65	530.14	-290.64	-848.35

1067	37	1372	19.90	101.11	-17.55	7.92	75.64	48.72	641.31	-499.88	489.44	-348.01	-387.61
		1368	30.96	-25.64	-94.19	-34.27	-85.56	22.74	1381.15	-872.56	750.30	-241.72	-1011.82
		586	14.20	87.19	-17.60	64.69	4.90	43.03	29.96	-610.43	-509.88	-70.59	-232.99
		1374	21.59	-8.49	-22.64	-16.58	-14.55	7.00	920.06	-685.48	477.14	-242.56	-717.60
1068	7	1347	11.89	2.82	-51.40	1.11	-49.69	-9.46	-24.46	-631.51	-27.16	-628.81	-40.39
		1373	13.24	21.26	-24.28	-14.24	11.22	-18.88	332.47	-654.22	256.85	-578.60	-262.48
		1375	10.24	6.92	-12.67	-5.80	0.05	-9.35	147.07	-566.82	41.21	-460.96	-253.71
		1348	8.74	-0.38	-20.63	-0.79	-20.22	-2.88	15.99	-506.40	-5.80	-484.62	-104.43
1068	31	1347	8.63	2.07	-37.46	0.82	-36.21	-6.91	-18.17	-458.14	-19.65	-456.66	-25.49
		1373	9.66	15.65	-17.73	-10.44	8.35	-13.80	245.61	-472.41	194.32	-421.12	-184.92
		1375	7.39	5.08	-9.20	-4.25	0.13	-6.79	108.05	-408.71	34.79	-335.45	-180.25
		1348	6.32	-0.28	-14.96	-0.58	-14.66	-2.09	10.98	-366.71	-3.97	-351.76	-73.65
1068	37	1347	7.04	1.76	-31.09	0.71	-30.04	-5.78	-15.65	-373.83	-15.85	-373.63	-8.37
		1373	8.09	13.50	-14.85	-8.85	7.51	-11.58	215.63	-378.89	184.34	-347.60	-132.76
		1375	5.92	4.33	-7.52	-3.62	0.43	-5.57	93.18	-325.60	44.28	-276.71	-134.49
		1348	5.11	-0.23	-12.17	-0.48	-11.92	-1.71	7.12	-296.81	-2.47	-287.22	-53.15
1069	7	1373	13.99	21.82	-20.06	-15.67	17.43	-12.83	327.12	-661.64	279.16	-613.68	-212.40
		1374	23.07	28.01	-12.52	-6.10	21.59	14.79	822.41	-820.12	448.62	-446.33	-688.65
		1376	12.69	5.92	-3.50	-3.46	5.88	-0.67	272.02	-670.91	-58.97	-339.93	-450.05
		1375	10.76	7.44	-11.51	-8.05	3.99	-7.32	211.43	-580.15	103.44	-472.16	-271.70
1069	31	1373	10.24	16.09	-14.67	-11.49	12.92	-9.36	243.01	-479.43	210.68	-447.10	-149.38
		1374	16.92	20.67	-9.26	-4.52	15.93	10.93	611.03	-593.05	342.50	-324.52	-501.22
		1376	9.26	4.38	-2.57	-2.55	4.36	-0.39	204.30	-483.80	-32.67	-246.82	-326.97
		1375	7.80	5.48	-8.36	-5.90	3.02	-5.29	156.33	-419.37	80.63	-343.67	-194.55
1069	37	1373	8.67	13.95	-12.33	-9.77	11.40	-7.79	217.45	-389.70	198.20	-370.45	-106.38
		1374	14.41	17.98	-8.13	-3.98	13.84	9.54	545.30	-477.54	334.55	-266.80	-413.70
		1376	7.72	3.86	-2.21	-2.21	3.86	0.01	189.67	-385.23	6.27	-201.83	-267.96
		1375	6.39	4.74	-6.87	-5.02	2.89	-4.25	137.44	-337.29	83.89	-283.74	-150.19
1070	8	1374	26.77	35.35	-31.93	-9.60	13.02	31.69	841.88	-992.25	228.59	-378.96	-865.29
		586	18.24	90.70	-50.61	85.42	-45.33	-26.81	399.17	-724.40	-119.99	-205.25	-560.16
		1367	9.39	-16.94	-43.83	-43.58	-17.19	-2.60	106.38	-486.47	-274.59	-105.50	-284.11
		1376	15.85	22.30	3.03	7.35	17.98	-8.04	448.88	-721.10	-9.72	-262.50	-571.17
1070	32	1374	19.60	26.07	-23.54	-7.08	9.62	23.36	622.52	-719.62	178.60	-275.70	-631.46
		586	13.45	66.59	-37.12	62.72	-33.26	-19.64	304.24	-522.13	-70.84	-147.05	-411.42
		1367	6.77	-12.41	-32.25	-32.08	-12.58	-1.80	85.26	-346.88	-187.31	-74.32	-208.55
		1376	11.56	16.33	2.31	5.40	13.25	-5.81	333.03	-521.74	1.82	-190.52	-416.42
1070	37	1374	16.64	22.50	-20.30	-6.10	8.30	20.15	541.31	-596.16	175.08	-229.92	-531.46
		586	11.61	56.78	-31.42	53.50	-28.15	-16.67	283.57	-426.12	-24.73	-117.81	-351.78
		1367	5.55	-10.46	-27.63	-27.53	-10.55	-1.26	88.26	-275.40	-130.37	-56.77	-178.07
		1376	9.73	13.86	2.21	4.64	11.43	-4.74	291.97	-429.72	20.19	-157.94	-349.68
1071	7	1348	8.80	0.53	-21.86	0.12	-21.45	-3.00	4.33	-511.01	-10.90	-495.78	-87.27
		1375	10.55	7.81	-12.45	-5.97	1.33	-9.45	169.01	-574.32	52.47	-457.77	-270.27
		1377	8.01	7.53	-6.58	-0.77	1.72	-6.94	53.16	-478.99	-61.82	-364.00	-219.01
		1349	7.32	-0.24	-9.80	-0.28	-9.75	-0.66	20.50	-445.93	-1.42	-424.00	-98.73
1071	31	1348	6.37	0.39	-15.85	0.09	-15.55	-2.18	2.47	-370.20	-7.75	-359.98	-60.85
		1375	7.62	5.74	-9.03	-4.37	1.08	-6.87	124.14	-414.15	43.09	-333.10	-192.51
		1377	5.77	5.49	-4.73	-0.56	1.33	-5.02	38.63	-345.29	-41.72	-264.93	-156.18
		1349	5.30	-0.18	-7.07	-0.21	-7.04	-0.47	14.45	-323.53	-0.83	-308.25	-70.22
1071	37	1348	5.16	0.33	-12.88	0.09	-12.64	-1.79	0.07	-300.20	-5.80	-294.33	-41.57
		1375	6.11	4.94	-7.37	-3.71	1.27	-5.63	106.79	-329.97	51.49	-274.66	-145.24
		1377	4.58	4.57	-3.70	-0.46	1.33	-4.04	32.12	-274.61	-23.82	-218.68	-118.44
		1349	4.31	-0.15	-5.65	-0.17	-5.63	-0.34	10.49	-263.78	-0.01	-253.28	-52.65
1072	7	1375	10.24	6.32	-10.04	-6.80	3.08	-6.52	171.22	-572.15	71.34	-472.28	-253.51
		1376	13.10	10.90	-3.59	-3.48	10.79	-1.25	329.36	-649.84	3.46	-323.95	-461.42
		1378	8.31	13.38	-1.88	5.22	6.28	-7.61	97.02	-463.63	-149.51	-217.10	-278.28
		1377	7.80	8.38	-6.70	-1.43	3.11	-7.19	48.52	-470.72	-54.30	-367.90	-206.92
1072	31	1375	7.41	4.66	-7.28	-4.98	2.37	-4.70	126.74	-413.54	57.01	-343.81	-181.14
		1376	9.56	8.04	-2.63	-2.57	7.98	-0.82	246.70	-468.55	13.25	-235.10	-335.37
		1378	6.01	9.72	-1.24	3.84	4.64	-5.46	74.68	-332.62	-100.81	-157.13	-201.69
		1377	5.63	6.11	-4.81	-1.04	2.34	-5.19	36.08	-340.04	-36.13	-267.84	-148.14
1072	37	1375	6.03	4.05	-5.92	-4.22	2.36	-3.75	112.05	-332.49	63.56	-284.00	-138.57
		1376	8.02	7.01	-2.24	-2.23	6.99	-0.38	226.78	-372.88	45.74	-191.85	-275.29
		1378	4.85	7.95	-0.60	3.29	4.06	-4.26	75.35	-259.39	-57.21	-126.82	-163.71
		1377	4.52	5.08	-3.77	-0.86	2.17	-4.16	32.61	-272.72	-18.83	-221.28	-114.28
1073	7	1376	16.25	14.93	-6.05	-2.28	11.16	8.05	419.09	-753.44	-72.24	-262.11	-578.53
		1367	8.77	-2.97	-18.74	-11.03	-10.68	-7.88	102.80	-470.98	-250.54	-117.64	-279.09
		585	5.13	43.53	8.63	42.76	9.40	-5.12	75.96	-242.41	-134.71	-31.74	-150.63
		1378	10.09	13.99	-8.58	4.60	0.80	-11.12	142.70	-529.72	-196.42	-190.60	-336.20
1073	31	1376	11.85	11.12	-4.53	-1.68	8.26	6.04	311.48	-543.49	-42.21	-189.79	-421.07
		1367	6.34	-2.31	-13.67	-8.18	-7.80	-5.68	84.67	-333.58	-166.32	-82.58	-204.89
		585	3.62	31.94	6.47	31.43	6.98	-3.56	63.29	-166.79	-83.48	-20.02	-110.57
		1378	7.30	10.15	-6.19	3.38	0.58	-8.05	107.58	-380.48	-135.13	-137.76	-244.03
1073	37	1376	9.89	10.01	-4.16	-1.43	7.28	5.59	278.42	-433.10	-1.22	-153.47	-347.52
		1367	5.15	-2.37	-11.40	-7.27	-6.50	-4.50	103.56	-247.13	-85.27	-58.30	-174.83
		585	2.82	27.21	5.94	26.94	6.21	-2.39	80.54	-108.70	-21.65	-6.50	-94.31
		1378	5.92	8.28	-4.93	2.88	0.48	-6.50	101.26	-297.98	-86.14	-110.58	-199.25
1074	7	1349	7.28	-0.21	-10.46	-0.26	-10.41	-0.72	15.03	-443.71	-3.75	-424.93	-90.91

		1377	8.06	8.66	-6.66	-0.74	2.74	-7.46	58.30	-479.01	-56.82	-363.89	-220.46
		1379	5.58	14.67	-5.69	0.27	8.71	-9.26	-38.80	-372.37	-101.71	-309.46	-130.48
		1350	6.03	-0.30	-1.96	-0.30	-1.96	9.16e-03	15.02	-388.66	1.71	-375.35	-72.08
1074	31	1349	5.27	-0.15	-7.55	-0.19	-7.51	-0.51	10.39	-321.87	-2.54	-308.94	-64.26
		1377	5.81	6.33	-4.78	-0.53	2.08	-5.40	42.50	-345.40	-38.04	-264.86	-157.34
		1379	4.01	10.71	-4.09	0.20	6.41	-6.72	-28.51	-268.68	-71.69	-225.51	-92.22
		1350	4.38	-0.22	-1.39	-0.22	-1.39	0.02	10.66	-282.62	1.43	-273.39	-51.21
1074	37	1349	4.28	-0.13	-6.02	-0.15	-5.99	-0.38	6.92	-262.31	-1.50	-253.89	-46.86
		1377	4.62	5.33	-3.75	-0.43	2.01	-4.37	35.73	-275.02	-20.65	-218.64	-119.76
		1379	3.16	8.96	-3.24	0.19	5.53	-5.49	-23.89	-214.69	-51.58	-187.01	-67.20
		1350	3.59	-0.18	-1.03	-0.19	-1.02	0.06	8.01	-232.51	1.79	-226.28	-38.19
1075	7	1377	7.65	6.74	-6.32	-1.92	2.34	-6.17	46.16	-466.14	-53.41	-366.57	-202.72
		1378	8.60	19.11	-3.51	6.67	8.93	-11.26	103.99	-460.56	-137.34	-219.23	-279.29
		1380	5.64	26.16	-10.36	3.30	12.51	-17.67	-41.02	-317.92	-183.62	-175.32	-138.39
		1379	5.29	15.56	-4.96	0.94	9.66	-9.29	-50.42	-359.97	-106.98	-303.41	-119.62
1075	31	1377	5.53	4.92	-4.53	-1.40	1.79	-4.44	34.34	-336.69	-35.49	-266.86	-145.02
		1378	6.23	13.94	-2.44	4.91	6.59	-8.15	79.92	-330.47	-91.85	-158.70	-202.46
		1380	4.05	19.08	-7.47	2.42	9.19	-12.84	-27.39	-226.57	-127.10	-126.86	-99.59
		1379	3.81	11.35	-3.55	0.70	7.11	-6.73	-36.47	-260.14	-75.52	-221.09	-84.91
1075	37	1377	4.43	4.10	-3.51	-1.16	1.76	-3.51	31.14	-269.89	-18.29	-220.46	-111.52
		1378	5.05	11.59	-1.65	4.21	5.73	-6.57	80.23	-257.93	-49.51	-128.19	-164.44
		1380	3.17	15.89	-5.97	2.06	7.87	-10.54	-13.94	-172.04	-83.67	-102.32	-78.50
		1379	3.02	9.47	-2.74	0.62	6.10	-5.45	-28.96	-209.10	-54.74	-183.32	-63.08
1076	7	1378	9.47	5.77	-8.76	4.50	-7.49	-4.10	148.22	-518.58	-183.92	-186.43	-333.40
		585	7.90	76.16	-5.87	41.78	28.51	-40.48	77.59	-273.96	-152.92	-43.44	-167.03
		1366	4.83	17.50	-25.50	-18.29	10.29	-16.07	-22.58	-217.61	-190.60	-49.59	-67.36
		1380	6.93	42.87	-10.62	9.38	22.87	-25.88	-5.27	-342.85	-197.94	-150.17	-167.09
1076	31	1378	6.85	4.16	-6.31	3.30	-5.45	-2.87	111.65	-372.28	-125.94	-134.69	-241.92
		585	5.78	55.81	-4.17	30.70	20.93	-29.59	64.59	-190.07	-96.86	-28.62	-122.68
		1366	3.40	12.74	-18.64	-13.47	7.58	-11.64	-12.01	-147.47	-126.01	-33.47	-49.46
		1380	4.99	31.34	-7.66	6.89	16.79	-18.86	-1.63	-244.38	-137.54	-108.47	-120.50
1076	37	1378	5.54	3.34	-5.00	2.82	-4.48	-2.02	104.76	-290.94	-78.24	-107.93	-197.29
		585	4.93	47.27	-3.10	26.30	17.87	-24.83	81.79	-128.76	-33.09	-13.89	-104.84
		1366	2.46	10.54	-15.64	-11.65	6.55	-9.41	6.60	-88.50	-62.76	-19.14	-42.25
		1380	3.96	26.32	-6.09	5.89	14.34	-15.64	6.29	-185.48	-92.34	-86.85	-95.85
1077	7	1350	5.98	-0.29	-2.08	-0.29	-2.08	0.04	12.34	-386.56	1.35	-375.57	-65.30
		1379	5.62	15.52	-5.65	0.24	9.62	-9.49	-35.50	-373.89	-99.17	-310.21	-132.26
		1381	4.65	24.64	-5.93	0.11	18.60	-12.17	-106.74	-291.81	-110.93	-287.63	-27.51
		1351	5.80	8.91	-0.37	-0.33	8.87	0.59	10.34	-351.09	7.36	-348.11	-32.67
1077	31	1350	4.35	-0.21	-1.46	-0.21	-1.46	0.04	8.67	-281.05	1.16	-273.55	-46.01
		1379	4.04	11.35	-4.07	0.19	7.09	-6.89	-26.00	-269.88	-69.82	-226.06	-93.62
		1381	3.41	18.00	-4.29	0.09	13.62	-8.85	-76.71	-212.24	-78.97	-209.98	-17.36
		1351	4.23	6.52	-0.27	-0.24	6.49	0.44	7.52	-256.05	5.55	-254.08	-22.67
1077	37	1350	3.56	-0.17	-1.05	-0.17	-1.05	0.07	6.25	-231.12	1.56	-226.43	-33.05
		1379	3.18	9.53	-3.21	0.19	6.14	-5.63	-21.53	-215.94	-49.97	-187.50	-68.71
		1381	2.91	15.06	-3.46	0.09	11.50	-7.29	-59.17	-175.65	-59.45	-175.37	-5.67
		1351	3.53	5.50	-0.23	-0.20	5.47	0.40	6.26	-213.08	5.22	-212.04	-15.11
1078	7	1379	5.26	14.04	-5.26	0.33	8.45	-8.75	-49.91	-358.61	-104.20	-304.32	-117.52
		1380	5.70	28.90	-9.34	3.46	16.10	-18.05	-37.35	-319.73	-180.11	-176.96	-141.18
		1382	3.47	34.80	-10.14	4.80	19.86	-21.17	-144.53	-210.66	-195.02	-160.17	-28.10
		1381	4.53	25.40	-5.73	0.38	19.29	-12.37	-115.69	-283.12	-120.25	-278.57	-27.23
1078	31	1379	3.79	10.24	-3.77	0.25	6.23	-6.34	-36.08	-259.16	-73.48	-221.76	-83.34
		1380	4.09	21.10	-6.73	2.54	11.83	-13.12	-24.62	-227.96	-124.51	-128.07	-101.66
		1382	2.50	25.39	-7.32	3.52	14.56	-15.39	-104.65	-147.81	-136.40	-116.06	-19.04
		1381	3.32	18.54	-4.14	0.29	14.12	-8.99	-83.20	-205.94	-85.80	-203.34	-17.69
1078	37	1379	3.01	8.55	-2.91	0.24	5.40	-5.12	-28.53	-208.35	-52.99	-183.89	-61.65
		1380	3.21	17.65	-5.34	2.17	10.14	-10.78	-11.31	-173.47	-81.43	-103.35	-80.34
		1382	2.01	21.17	-5.82	2.98	12.37	-12.66	-83.26	-105.47	-94.59	-94.13	-11.10
		1381	2.82	15.48	-3.30	0.26	11.92	-7.36	-64.68	-170.31	-65.24	-169.74	-7.68
1079	7	1380	6.28	29.37	-7.69	2.32	19.36	-16.45	-5.65	-343.48	-197.07	-152.06	-167.41
		1366	4.59	22.72	-20.32	-8.57	10.97	-19.17	-25.52	-212.89	-183.27	-55.14	-68.35
		584	3.70	44.26	-7.34	29.53	7.39	-23.30	-39.69	-146.81	-145.50	-41.00	-11.78
		1382	3.83	36.27	-8.86	3.36	24.05	-20.05	-132.17	-232.79	-215.83	-149.13	-37.66
1079	31	1380	4.50	21.44	-5.50	1.71	14.24	-11.93	-1.94	-244.82	-136.90	-109.85	-120.69
		1366	3.24	16.55	-14.80	-6.32	8.08	-13.92	-13.89	-144.24	-120.57	-37.55	-50.25
		584	2.55	32.31	-5.17	21.67	5.47	-16.90	-26.32	-95.06	-93.93	-27.45	-8.74
		1382	2.71	26.46	-6.39	2.46	17.61	-14.57	-95.95	-163.68	-151.62	-108.01	-25.92
1079	37	1380	3.52	17.93	-4.22	1.48	12.23	-9.69	5.95	-185.76	-91.79	-88.02	-95.84
		1366	2.40	13.71	-12.27	-5.52	6.96	-11.39	6.28	-86.83	-57.93	-22.62	-43.08
		584	1.66	26.98	-3.71	18.47	4.80	-13.74	-12.59	-41.02	-38.72	-14.88	-7.74
		1382	2.00	22.04	-5.09	2.07	14.87	-11.96	-78.11	-116.73	-107.40	-87.44	-16.53
1080	7	1351	5.78	8.96	-0.37	-0.32	8.91	0.67	9.23	-350.39	7.29	-348.45	-26.34
		1381	4.70	25.49	-5.82	0.27	19.39	-12.40	-104.86	-293.29	-109.77	-288.38	-30.02
		1383	6.26	37.19	-6.67	-0.31	30.84	-15.44	-78.44	-318.66	-108.55	-288.56	79.53
		1352	6.42	23.96	-0.40	-0.31	23.88	1.46	14.36	-340.92	13.97	-340.53	11.86
1080	31	1351	4.22	6.57	-0.27	-0.23	6.53	0.50	6.72	-255.54	5.50	-254.33	-17.80
		1381	3.45	18.63	-4.21	0.21	14.21	-9.02	-75.36	-213.29	-78.12	-210.54	-19.30

		1383	4.62	27.16	-4.84	-0.23	22.54	-11.24	-54.10	-234.55	-77.60	-211.05	60.73
		1352	4.70	17.49	-0.29	-0.23	17.42	1.07	10.75	-249.41	10.39	-249.04	9.75
1080	37	1351	3.52	5.58	-0.22	-0.19	5.55	0.45	5.66	-212.73	5.18	-212.25	-10.24
		1381	2.93	15.62	-3.38	0.20	12.04	-7.43	-58.22	-176.36	-58.71	-175.86	-7.65
		1383	4.02	22.69	-3.96	-0.19	18.92	-9.29	-34.82	-202.23	-59.52	-177.53	59.37
		1352	3.95	14.59	-0.25	-0.19	14.53	0.92	9.92	-210.06	9.30	-209.44	11.69
1081	8	1381	4.44	23.03	-5.70	0.04	17.28	-11.49	-110.12	-278.40	-112.48	-276.04	-19.78
		1382	3.54	39.52	-10.00	5.96	23.57	-23.14	-139.78	-192.77	-175.72	-156.82	-24.76
		1384	5.55	45.30	-14.62	2.95	27.73	-27.28	-98.45	-251.76	-187.33	-162.88	75.68
		1383	5.96	37.98	-6.09	0.27	31.62	-15.49	-88.57	-300.57	-115.91	-273.23	71.06
1081	32	1381	3.25	16.83	-4.12	0.04	12.67	-8.36	-79.24	-202.99	-80.54	-201.68	-12.64
		1382	2.57	28.89	-7.22	4.37	17.29	-16.86	-101.08	-136.24	-123.45	-113.87	-16.92
		1384	4.07	33.10	-10.62	2.16	20.32	-19.88	-68.50	-182.59	-132.57	-118.52	56.61
		1383	4.39	27.75	-4.42	0.20	23.13	-11.28	-62.43	-220.89	-83.40	-199.92	53.69
1081	37	1381	2.77	14.20	-3.34	0.05	10.81	-6.93	-64.07	-170.50	-64.55	-170.03	-7.09
		1382	2.14	24.39	-5.87	3.73	14.79	-14.08	-82.18	-106.25	-93.91	-94.52	-12.03
		1384	3.45	27.88	-8.80	1.81	17.27	-16.63	-50.58	-151.22	-102.91	-98.89	50.28
		1383	3.76	23.39	-3.63	0.17	19.59	-9.40	-48.04	-188.79	-67.66	-169.16	48.76
1082	7	1382	3.47	19.29	-12.25	4.56	2.48	-15.73	-135.80	-228.83	-215.08	-149.55	-33.02
		584	5.48	91.42	-8.69	32.94	49.79	-49.34	-28.88	-156.31	-150.59	-34.60	-26.39
		1365	4.01	31.14	-27.20	-13.93	17.87	-24.46	-45.37	-221.20	-210.26	-56.31	42.47
		1384	6.59	63.55	-16.60	8.11	38.84	-37.01	-95.00	-265.50	-208.40	-152.10	80.47
1082	31	1382	2.45	14.01	-8.83	3.34	1.83	-11.39	-98.68	-160.69	-151.06	-108.31	-22.46
		584	3.98	66.90	-6.22	24.17	36.51	-36.04	-17.98	-102.45	-97.68	-22.76	-19.50
		1365	2.78	22.73	-19.84	-10.26	13.15	-17.77	-30.24	-150.90	-142.28	-38.86	31.07
		1384	4.83	46.43	-12.05	5.94	28.44	-26.99	-65.46	-191.87	-146.91	-110.43	60.52
1082	37	1382	1.78	11.46	-7.01	2.83	1.62	-9.21	-80.74	-113.79	-106.88	-87.65	-13.44
		584	3.30	56.41	-4.81	20.59	31.01	-30.16	-3.36	-49.49	-41.96	-10.90	-17.05
		1365	2.13	18.95	-16.51	-8.86	11.30	-14.59	-15.01	-92.72	-82.58	-25.16	26.18
		1384	4.10	38.91	-9.83	5.02	24.05	-22.43	-41.21	-154.82	-105.77	-90.27	56.27
1083	8	1352	6.39	23.76	-0.37	-0.27	23.66	1.54	15.68	-339.87	14.35	-338.54	21.71
		1383	6.33	37.59	-6.46	-0.20	31.33	-15.37	-70.62	-319.15	-102.55	-287.23	83.16
		1385	9.12	51.94	-7.06	-0.54	45.42	-18.50	-19.82	-420.83	-97.94	-303.07	194.99
		1353	7.63	42.82	-0.46	-0.30	42.66	2.63	31.57	-356.40	21.69	-346.52	61.12
1083	32	1352	4.68	17.37	-0.27	-0.20	17.30	1.13	11.75	-248.85	10.64	-247.75	16.96
		1383	4.66	27.48	-4.69	-0.15	22.94	-11.21	-49.07	-234.72	-73.58	-210.21	62.85
		1385	6.72	37.95	-5.14	-0.40	33.20	-13.48	17.18	-309.65	-70.43	-222.04	144.77
		1353	5.59	31.26	-0.33	-0.22	31.15	1.93	23.51	-261.37	16.03	-253.89	45.57
1083	37	1352	3.97	14.70	-0.23	-0.16	14.64	0.98	10.52	-210.94	9.29	-209.70	16.48
		1383	4.01	23.23	-3.89	-0.12	19.46	-9.38	-36.26	-200.96	-59.29	-177.93	57.12
		1385	5.77	31.98	-4.28	-0.35	28.04	-11.28	19.90	-265.37	-57.06	-188.41	126.62
		1353	4.74	26.33	-0.28	-0.18	26.22	1.65	20.72	-222.32	13.88	-215.48	40.21
1084	8	1383	5.89	36.03	-6.05	-0.04	30.01	-14.72	-87.32	-301.74	-115.35	-273.72	72.27
		1384	5.65	48.66	-14.28	3.10	31.28	-28.13	-100.69	-249.78	-187.02	-163.44	73.61
		1386	8.27	56.72	-15.11	5.28	36.34	-32.38	-16.01	-358.58	-198.47	-176.12	170.92
		1385	8.39	52.86	-6.96	-0.35	46.26	-18.75	-14.94	-386.88	-113.42	-288.40	164.11
1084	32	1383	4.33	26.33	-4.38	-0.03	21.97	-10.72	-61.50	-221.77	-82.98	-200.29	54.60
		1384	4.14	35.57	-10.37	2.26	22.93	-20.52	-70.15	-181.12	-132.33	-118.93	55.08
		1386	6.07	41.44	-10.98	3.84	26.62	-23.60	-8.25	-261.35	-141.21	-128.39	126.39
		1385	6.17	38.61	-5.05	-0.26	33.82	-13.65	-8.62	-284.44	-81.80	-211.26	121.78
1084	37	1383	3.72	22.21	-3.59	-0.02	18.63	-8.92	-47.20	-189.58	-67.31	-169.47	49.59
		1384	3.51	30.04	-8.58	1.91	19.55	-17.18	-52.00	-149.95	-102.70	-99.25	48.95
		1386	5.16	34.90	-9.10	3.18	22.62	-19.74	0.09	-218.97	-111.25	-107.63	109.51
		1385	5.28	32.51	-4.18	-0.22	28.56	-11.38	-2.67	-243.31	-66.78	-179.20	106.39
1085	8	1384	5.82	50.65	-12.27	2.79	35.59	-26.85	-80.85	-258.43	-190.50	-148.78	86.31
		1365	3.98	34.64	-28.93	-12.53	18.24	-27.81	-43.92	-187.83	-174.10	-57.65	42.28
		583	6.29	57.22	-13.46	36.91	6.84	-31.98	-4.84	-207.31	-158.50	-53.65	86.60
		1386	8.81	59.34	-14.67	2.75	41.92	-31.40	1.28	-388.41	-214.68	-172.46	193.70
1085	32	1384	4.27	37.03	-8.90	2.03	26.10	-19.56	-55.64	-187.46	-134.88	-108.21	64.55
		1365	2.87	25.32	-21.08	-9.18	13.42	-20.26	-29.48	-128.68	-117.89	-40.28	30.90
		583	4.52	41.77	-9.71	26.96	5.10	-23.31	-9.98e-03	-144.74	-107.22	-37.53	63.43
		1386	6.46	43.35	-10.66	1.99	30.70	-22.87	4.46	-283.24	-153.06	-125.73	143.20
1085	37	1384	3.63	31.25	-7.34	1.69	22.23	-16.33	-39.77	-155.29	-104.88	-90.18	57.29
		1365	2.33	21.34	-17.57	-7.78	11.54	-16.88	-19.11	-91.18	-80.15	-30.14	25.95
		583	3.67	35.10	-7.94	22.68	4.48	-19.50	7.63	-108.63	-72.79	-28.22	53.69
		1386	5.50	36.51	-8.80	1.63	26.09	-19.07	10.94	-237.58	-121.26	-105.38	124.00
1086	8	1353	7.67	42.87	-0.45	-0.28	42.70	2.72	33.74	-359.13	21.65	-347.03	67.87
		1385	9.11	52.83	-6.97	-0.37	46.23	-18.74	16.91	-418.63	-97.98	-303.75	191.93
		1387	12.43	70.50	-7.87	-0.94	63.57	-22.25	118.96	-538.28	-90.43	-328.89	306.23
		1354	9.33	66.67	-0.50	-0.25	66.41	4.14	57.35	-391.04	29.28	-362.97	108.61
1086	32	1353	5.62	31.32	-0.33	-0.20	31.19	2.00	25.19	-263.47	15.99	-254.27	50.70
		1385	6.71	38.61	-5.07	-0.27	33.81	-13.66	14.97	-307.97	-70.45	-222.55	142.44
		1387	9.14	51.48	-5.73	-0.69	46.44	-16.21	89.69	-395.82	-65.07	-241.06	226.25
		1354	6.84	48.66	-0.37	-0.18	48.47	3.03	42.52	-286.98	21.60	-266.07	80.34
1086	37	1353	4.77	26.41	-0.27	-0.16	26.30	1.71	22.34	-224.31	13.85	-215.81	44.97
		1385	5.76	32.58	-4.21	-0.23	28.59	-11.43	17.86	-263.80	-57.08	-188.86	124.46
		1387	7.82	43.33	-4.77	-0.60	39.16	-13.55	81.21	-338.64	-52.78	-204.65	195.71

		1354	5.80	40.91	-0.31	-0.15	40.75	2.57	37.09	-244.40	18.64	-225.95	69.68
1087	8	1385	8.27	50.22	-6.89	-0.58	43.91	-17.89	-14.48	-387.75	-113.56	-288.67	164.83
		1386	8.55	62.89	-15.69	6.13	41.07	-35.19	-17.22	-357.85	-198.62	-176.45	169.95
		1388	11.49	70.64	-20.74	3.37	46.53	-40.28	60.32	-478.50	-215.15	-203.04	269.34
		1387	11.32	72.22	-7.52	-0.33	65.03	-22.85	68.36	-487.33	-108.76	-310.22	258.94
1087	32	1385	6.09	36.69	-5.00	-0.43	32.11	-13.03	-8.26	-285.11	-81.91	-211.46	122.33
		1386	6.27	45.96	-11.40	4.47	30.09	-25.66	-9.15	-260.80	-141.32	-128.64	125.66
		1388	8.43	51.61	-15.09	2.44	34.08	-29.36	47.55	-349.59	-153.83	-148.21	198.55
		1387	8.32	52.74	-5.47	-0.25	47.51	-16.64	52.28	-358.15	-78.53	-227.34	191.25
1087	37	1385	5.21	30.92	-4.12	-0.36	27.16	-10.85	-2.32	-243.93	-66.87	-179.38	106.91
		1386	5.33	38.75	-9.43	3.74	25.58	-21.47	-0.71	-218.47	-111.34	-107.85	108.87
		1388	7.17	43.47	-12.56	1.99	28.92	-24.57	47.17	-294.55	-122.81	-124.58	170.86
		1387	7.10	44.37	-4.53	-0.23	40.06	-13.86	48.78	-306.01	-64.28	-192.95	165.32
1088	8	1386	8.17	35.48	-16.72	4.54	14.23	-25.65	7.28	-396.31	-215.64	-173.38	200.69
		583	8.54	117.29	-15.51	41.38	60.41	-65.72	-13.39	-194.29	-163.63	-44.05	67.87
		1364	7.38	37.95	-40.66	-16.89	14.18	-36.11	-8.28	-350.18	-275.41	-83.05	141.33
		1388	13.66	93.84	-23.78	9.00	61.06	-52.74	108.36	-513.64	-213.62	-191.66	310.80
1088	32	1386	5.99	25.89	-12.12	3.30	10.48	-18.66	8.90	-289.05	-153.76	-126.39	148.35
		583	6.20	85.73	-11.25	30.23	44.24	-47.98	-6.80	-134.69	-110.99	-30.51	49.70
		1364	5.36	27.80	-29.66	-12.39	10.53	-26.35	-2.85	-249.77	-193.46	-59.15	103.60
		1388	10.02	68.55	-17.30	6.56	44.69	-38.45	82.82	-375.47	-152.74	-139.90	229.05
1088	37	1386	5.09	21.71	-9.94	2.74	9.03	-15.51	14.78	-242.56	-121.85	-105.94	128.42
		583	5.14	72.32	-9.24	25.47	37.61	-40.33	0.76	-98.98	-75.98	-22.24	42.01
		1364	4.46	23.59	-24.83	-10.53	9.29	-22.09	4.37	-198.24	-147.19	-46.67	87.96
		1388	8.52	57.71	-14.35	5.48	37.88	-32.18	77.20	-316.77	-121.97	-117.60	196.97
1089	8	1354	9.39	66.72	-0.52	-0.25	66.45	4.24	60.73	-395.31	29.26	-363.85	115.59
		1387	12.41	71.32	-7.73	-0.76	64.35	-22.42	115.51	-536.16	-90.85	-329.81	303.14
		1389	16.00	93.38	-8.56	-1.11	85.92	-26.54	223.03	-657.06	-78.34	-355.69	417.62
		1355	11.31	95.61	-0.62	-0.23	95.22	6.10	89.35	-430.97	37.29	-378.91	156.13
1089	32	1354	6.88	48.71	-0.38	-0.18	48.52	3.11	45.11	-290.24	21.59	-266.72	85.64
		1387	9.12	52.09	-5.62	-0.56	47.03	-16.33	87.08	-394.20	-65.37	-241.74	223.90
		1389	11.75	68.16	-6.23	-0.82	62.75	-19.32	165.95	-482.75	-56.26	-260.54	307.85
		1355	8.28	69.75	-0.45	-0.16	69.46	4.46	66.08	-316.16	27.48	-277.57	115.16
1089	37	1354	5.84	41.00	-0.31	-0.14	40.83	2.64	39.53	-247.44	18.62	-226.54	74.58
		1387	7.80	43.89	-4.68	-0.48	39.69	-13.65	78.82	-337.13	-53.04	-205.27	193.55
		1389	10.02	57.29	-5.19	-0.72	52.83	-16.09	145.99	-412.02	-45.38	-220.64	264.89
		1355	7.00	58.55	-0.38	-0.13	58.30	3.77	57.34	-268.77	23.66	-235.09	99.24
1090	7	1387	11.17	70.58	-7.45	-0.57	63.70	-22.11	62.32	-487.02	-113.24	-311.47	256.17
		1388	11.58	75.14	-20.82	3.64	50.68	-41.82	46.14	-481.84	-229.63	-206.07	263.73
		1390	15.02	89.50	-22.40	9.04	58.07	-50.29	133.29	-605.31	-242.01	-230.01	369.25
		1389	14.50	96.28	-9.03	-1.30	88.55	-27.47	149.51	-589.38	-101.20	-338.67	349.84
1090	32	1387	8.25	50.96	-5.33	-0.43	46.06	-15.86	53.26	-359.75	-78.71	-227.78	192.59
		1388	8.50	54.37	-14.96	2.56	36.85	-30.12	45.33	-348.48	-154.48	-148.67	196.88
		1390	11.01	64.70	-16.03	6.36	42.31	-36.14	108.70	-439.74	-164.71	-166.32	274.22
		1389	10.67	69.42	-6.47	-0.97	63.93	-19.67	116.74	-434.48	-70.21	-247.54	260.96
1090	37	1387	7.05	42.91	-4.40	-0.38	38.88	-13.20	49.65	-307.44	-64.43	-193.36	166.50
		1388	7.23	45.85	-12.45	2.10	31.30	-25.23	45.27	-293.61	-123.35	-124.99	169.44
		1390	9.36	54.48	-13.32	5.18	35.98	-30.20	98.86	-371.43	-132.74	-139.83	235.12
		1389	9.08	58.33	-5.36	-0.85	53.82	-16.34	103.56	-370.38	-57.27	-209.55	224.41
1091	8	1388	12.49	78.05	-15.06	5.15	57.84	-38.38	112.05	-513.52	-211.21	-190.26	312.61
		1364	7.75	41.22	-49.53	-23.01	14.70	-41.27	-14.78	-351.80	-272.64	-93.94	142.88
		582	11.21	88.60	-26.40	66.59	-4.39	-45.24	38.10	-385.91	-260.53	-87.28	193.50
		1390	16.51	92.82	-24.20	3.80	64.83	-49.92	187.68	-668.94	-251.09	-230.18	428.18
1091	32	1388	9.17	57.01	-10.94	3.73	42.34	-27.96	85.55	-375.46	-151.01	-138.90	230.42
		1364	5.64	30.24	-36.10	-16.80	10.94	-30.13	-7.51	-250.96	-191.37	-67.10	104.67
		582	8.13	64.61	-19.01	48.48	-2.88	-33.00	31.15	-277.37	-183.76	-62.46	141.84
		1390	12.11	67.78	-17.63	2.71	47.44	-36.39	140.93	-489.47	-180.45	-168.09	315.14
1091	37	1388	7.80	48.02	-9.04	3.08	35.90	-23.34	79.56	-316.93	-120.57	-116.80	198.23
		1364	4.71	25.79	-30.16	-14.09	9.72	-25.31	0.57	-199.24	-145.29	-53.38	88.71
		582	6.74	54.14	-15.38	40.40	-1.64	-27.68	32.98	-224.70	-141.74	-49.99	120.40
		1390	10.30	57.03	-14.72	2.13	40.18	-30.42	126.52	-413.79	-145.94	-141.33	270.14
1092	8	1355	11.38	95.56	-0.67	-0.27	95.16	6.20	93.51	-436.69	37.25	-380.44	163.29
		1389	16.02	94.58	-8.47	-0.90	87.00	-26.89	219.70	-656.15	-79.05	-357.39	415.22
		1391	19.59	121.76	-9.97	-2.14	113.93	-31.15	332.32	-758.37	-53.98	-372.06	521.64
		1356	13.27	130.04	-0.58	-0.01	129.48	8.56	124.61	-458.43	44.36	-378.18	200.87
1092	32	1355	8.34	69.73	-0.48	-0.19	69.43	4.53	69.25	-320.51	27.46	-278.71	120.60
		1389	11.76	69.04	-6.16	-0.67	63.55	-19.57	163.42	-482.02	-56.79	-261.81	306.01
		1391	14.37	88.83	-7.25	-1.58	83.16	-22.64	246.17	-556.45	-38.38	-271.90	383.95
		1356	9.70	94.80	-0.42	-6.54e-03	94.39	6.25	92.10	-335.74	32.68	-276.32	147.95
1092	37	1355	7.06	58.58	-0.40	-0.14	58.33	3.83	60.31	-272.80	23.63	-236.12	104.27
		1389	10.03	58.07	-5.12	-0.59	53.54	-16.31	143.66	-411.28	-45.83	-221.80	263.15
		1391	12.21	74.57	-6.01	-1.37	69.93	-18.78	214.44	-473.02	-30.08	-228.50	329.10
		1356	8.16	79.41	-0.35	3.25e-03	79.06	5.28	79.87	-283.82	28.10	-232.05	127.07
1093	7	1389	14.34	92.02	-9.24	-1.89	84.67	-26.28	149.66	-591.56	-102.15	-339.75	351.05
		1390	15.54	99.67	-24.10	10.19	65.38	-55.39	131.62	-606.48	-243.63	-231.24	369.00
		1392	19.22	113.81	-35.04	1.99	76.78	-64.35	220.10	-735.07	-247.52	-267.45	477.48
		1391	17.82	127.14	-9.26	-1.00	118.88	-32.53	245.66	-674.89	-76.12	-353.11	438.94

1093	31	1389	10.53	67.12	-6.70	-1.39	61.80	-19.08	112.33	-434.63	-73.49	-248.81	259.05
		1390	11.39	72.71	-17.51	7.36	47.84	-40.31	100.35	-443.31	-174.23	-168.74	271.81
		1392	14.08	83.06	-25.45	1.38	56.23	-46.81	165.24	-537.46	-177.37	-194.85	351.24
		1391	13.06	92.65	-6.73	-0.77	86.69	-23.59	182.80	-495.08	-54.36	-257.92	323.30
1093	37	1389	8.99	55.86	-5.46	-1.19	51.58	-15.62	103.76	-371.96	-57.87	-210.33	225.31
		1390	9.67	60.56	-14.34	5.89	40.33	-33.26	97.69	-372.14	-133.76	-140.69	234.89
		1392	11.94	69.28	-20.83	0.91	47.54	-38.56	152.79	-451.62	-137.38	-161.44	301.96
		1391	11.08	76.85	-5.51	-0.76	72.10	-19.20	163.87	-421.20	-41.49	-215.85	279.24
1094	7	1390	15.45	53.57	-26.93	6.84	19.81	-39.73	186.59	-688.23	-266.73	-234.91	437.12
		582	15.26	185.51	-28.90	74.97	81.64	-107.15	8.55	-380.81	-295.21	-77.05	161.25
		1363	13.28	45.55	-78.67	-30.33	-2.79	-60.56	-7.15	-646.86	-504.05	-149.95	266.38
		1392	23.44	156.03	-41.07	11.96	103.00	-87.41	313.64	-805.64	-237.17	-254.83	559.57
1094	31	1390	11.33	39.19	-19.49	4.90	14.79	-28.92	140.84	-503.29	-191.04	-171.40	321.92
		582	11.09	135.08	-21.06	54.49	59.53	-78.03	9.73	-271.96	-207.48	-54.75	118.34
		1363	9.68	33.61	-57.30	-22.12	-1.57	-44.28	-1.79	-467.11	-361.00	-107.90	195.23
		1392	17.16	113.70	-29.78	8.62	75.31	-63.52	233.82	-589.38	-169.87	-185.70	411.52
1094	37	1390	9.66	32.99	-15.76	3.81	13.42	-23.90	132.69	-423.22	-147.66	-142.87	277.95
		582	9.11	111.69	-17.47	44.72	49.51	-64.54	19.94	-208.14	-147.32	-40.88	100.86
		1363	8.04	29.23	-47.47	-18.43	0.19	-37.20	9.83	-373.83	-278.95	-85.05	165.53
		1392	14.50	94.32	-24.23	6.83	63.26	-52.13	211.00	-496.31	-131.28	-154.03	353.47
1095	7	1356	13.43	131.52	-0.74	-0.15	130.94	8.78	127.35	-465.25	44.08	-381.97	205.95
		1391	19.57	124.71	-9.78	-1.89	116.82	-31.62	320.87	-756.04	-59.07	-376.10	514.59
		1393	22.70	158.92	-9.84	-1.24	150.32	-37.11	439.33	-805.42	-10.79	-355.31	598.06
		1357	14.96	172.64	-0.82	-0.04	171.87	11.57	160.01	-449.80	48.92	-338.71	235.37
1095	31	1356	9.82	95.79	-0.53	-0.10	95.36	6.41	94.40	-340.95	32.50	-279.05	152.05
		1391	14.35	90.90	-7.10	-1.40	85.19	-22.95	238.18	-554.85	-41.85	-274.81	379.02
		1393	16.62	115.75	-7.13	-0.94	109.57	-26.86	325.41	-589.60	-6.35	-257.84	439.88
		1357	10.89	125.57	-0.59	-0.02	125.00	8.44	118.60	-328.04	36.05	-245.49	173.36
1095	37	1356	8.23	79.26	-0.42	-0.06	78.90	5.35	83.51	-289.03	28.18	-233.69	132.49
		1391	12.20	75.45	-5.80	-1.23	70.87	-18.73	211.67	-472.84	-30.85	-230.32	327.40
		1393	14.02	95.85	-5.77	-0.90	90.98	-21.70	286.96	-497.67	-0.37	-210.34	378.00
		1357	9.00	103.36	-0.46	0.01	102.88	7.03	104.93	-272.99	31.20	-199.25	149.76
1096	7	1391	17.70	122.25	-9.99	-2.08	114.34	-31.36	247.60	-679.93	-77.07	-355.26	442.42
		1392	19.29	120.02	-32.91	2.46	84.66	-64.48	213.29	-735.14	-251.57	-270.29	474.12
		1394	23.29	144.32	-33.21	13.24	97.87	-78.03	340.87	-829.11	-213.67	-274.57	584.20
		1393	20.84	163.89	-9.96	-1.60	155.53	-37.20	351.21	-715.92	-21.31	-343.40	508.68
1096	31	1391	12.98	89.12	-7.24	-1.54	83.42	-22.73	184.23	-498.84	-55.06	-259.55	325.87
		1392	14.14	87.59	-23.93	1.72	61.95	-46.93	160.25	-537.55	-180.34	-196.96	348.80
		1394	17.05	105.35	-24.09	9.47	71.79	-56.73	253.78	-605.55	-152.69	-199.08	429.04
		1393	15.24	119.37	-7.22	-1.21	113.36	-26.91	260.49	-523.62	-14.02	-249.11	374.02
1096	37	1391	11.02	74.02	-5.90	-1.37	69.50	-18.47	165.10	-424.59	-42.08	-217.42	281.51
		1392	11.98	73.07	-19.68	1.19	52.20	-38.73	148.58	-451.81	-139.89	-163.34	299.97
		1394	14.38	87.99	-19.65	7.27	61.07	-46.61	227.95	-506.65	-116.85	-161.86	366.61
		1393	12.81	98.80	-5.87	-1.16	94.09	-21.70	230.81	-440.52	-6.75	-202.95	321.01
1097	7	1392	21.59	129.57	-32.67	0.32	96.59	-65.30	318.47	-804.30	-232.95	-252.87	561.30
		1363	13.75	47.71	-90.98	-38.62	-4.65	-67.23	-24.45	-656.95	-504.49	-176.91	270.54
		581	21.40	158.02	-93.55	110.09	-45.62	-98.79	77.69	-672.92	-460.20	-135.02	338.26
		1394	25.76	161.82	-26.90	4.93	129.99	-70.67	423.22	-951.86	-244.92	-283.71	687.27
1097	31	1392	15.82	94.47	-23.64	0.21	70.61	-47.42	237.32	-588.58	-166.90	-184.36	412.86
		1363	10.03	35.33	-66.21	-28.10	-2.79	-49.17	-14.24	-474.38	-361.19	-127.44	198.17
		581	15.56	115.03	-67.30	79.89	-32.15	-71.92	60.01	-488.28	-331.35	-96.92	247.83
		1394	18.87	118.05	-19.74	3.42	94.89	-51.52	314.39	-695.55	-175.31	-205.84	504.74
1097	37	1392	13.40	78.49	-19.09	0.12	59.29	-38.80	213.86	-496.21	-129.16	-153.19	354.83
		1363	8.36	31.12	-54.64	-23.16	-0.36	-41.34	7.01e-03	-379.58	-278.67	-100.89	167.69
		581	12.81	95.06	-53.01	65.17	-23.13	-59.43	60.86	-398.28	-261.80	-75.62	209.85
		1394	15.97	98.32	-16.81	2.27	79.25	-42.81	280.14	-583.08	-135.15	-167.79	431.30
1098	7	1357	15.02	171.39	-1.33	-0.53	170.60	11.67	166.05	-457.46	49.77	-341.17	242.86
		1393	22.78	161.55	-8.85	-0.20	152.89	-37.41	435.67	-807.42	-12.62	-359.13	596.91
		1395	24.92	203.16	-11.39	-0.88	192.65	-46.31	559.93	-749.62	77.60	-267.29	631.66
		1358	15.70	223.07	-0.70	0.22	222.15	14.38	201.31	-373.82	46.31	-218.82	255.19
1098	31	1357	10.94	124.68	-0.96	-0.38	124.10	8.51	123.22	-333.89	36.67	-247.34	179.09
		1393	16.67	117.67	-6.40	-0.18	111.45	-27.08	322.60	-590.99	-7.67	-260.71	438.92
		1395	18.18	147.90	-8.19	-0.66	140.36	-33.46	414.40	-545.76	58.54	-189.90	463.73
		1358	11.36	162.01	-0.51	0.17	161.34	10.48	150.13	-270.16	34.12	-154.16	187.88
1098	37	1357	9.05	102.69	-0.76	-0.27	102.20	7.09	109.47	-278.74	31.71	-200.98	155.37
		1393	14.06	97.43	-5.17	-0.28	92.54	-21.86	284.16	-498.59	-1.43	-212.99	376.81
		1395	15.15	122.20	-6.45	-0.59	116.34	-26.81	364.42	-451.11	55.02	-141.70	395.73
		1358	9.16	132.60	-0.40	0.17	132.03	8.70	135.98	-217.13	29.53	-110.68	162.03
1099	7	1393	20.48	153.35	-10.48	-2.57	145.45	-35.11	351.67	-721.07	-22.79	-346.61	511.35
		1394	24.31	166.42	-34.01	15.91	116.50	-86.68	335.28	-835.37	-221.09	-278.99	584.61
		1396	28.09	191.01	-45.22	5.59	140.20	-97.07	514.47	-865.05	-92.85	-257.73	684.81
		1395	22.96	208.97	-7.35	3.10	198.52	-46.37	472.03	-650.10	80.86	-258.93	534.72
1099	31	1393	14.98	111.77	-7.59	-1.92	106.10	-25.39	260.84	-527.46	-15.09	-251.53	376.00
		1394	17.79	121.36	-24.72	11.38	85.25	-63.01	249.62	-610.19	-158.11	-202.46	429.34
		1396	20.51	139.48	-32.69	3.95	102.85	-70.47	381.19	-629.18	-64.01	-183.98	501.61
		1395	16.73	152.10	-5.25	2.23	144.63	-33.47	349.65	-472.45	61.02	-183.82	392.40
1099	37	1393	12.61	92.78	-6.14	-1.73	88.37	-20.41	231.16	-443.96	-7.59	-205.20	322.78

		1394	14.99	100.93	-20.32	8.75	71.86	-51.77	224.21	-510.78	-121.41	-165.16	366.84
		1396	17.15	116.65	-26.29	2.85	87.51	-57.59	336.52	-517.96	-41.26	-140.17	424.37
		1395	13.87	125.59	-4.01	1.76	119.82	-26.73	308.47	-387.72	57.42	-136.67	334.30
1100	7	1394	23.59	65.75	-42.23	10.09	13.42	-53.96	432.77	-986.49	-259.21	-294.51	709.41
		581	27.74	355.89	-50.63	132.55	172.71	-202.27	53.58	-624.61	-473.04	-97.99	282.52
		1362	23.19	87.38	-138.35	-54.89	3.92	-108.97	82.07	-1047.12	-790.00	-175.05	473.53
		1396	36.98	284.40	-59.69	24.60	200.11	-147.99	701.08	-997.11	-58.85	-237.19	844.40
1100	31	1394	17.30	48.38	-30.47	7.11	10.80	-39.38	321.34	-720.84	-185.68	-213.82	520.90
		581	20.19	258.49	-37.08	96.07	125.35	-147.06	41.98	-453.23	-340.93	-70.33	207.37
		1362	16.97	64.77	-101.02	-39.90	3.66	-79.98	63.63	-761.44	-572.85	-124.96	346.46
		1396	26.98	207.15	-43.10	17.64	146.42	-107.28	517.74	-725.85	-38.84	-169.27	618.36
1100	37	1394	14.69	41.71	-24.36	5.09	12.26	-32.84	285.88	-604.24	-143.59	-174.76	444.79
		581	16.68	211.62	-31.33	77.96	102.33	-120.86	44.42	-369.76	-270.51	-54.83	176.80
		1362	14.29	57.29	-84.43	-32.80	5.65	-68.20	65.19	-626.29	-465.91	-95.18	291.85
		1396	22.48	171.53	-34.46	13.69	123.38	-87.18	451.60	-599.53	-19.12	-128.80	522.69
1101	7	1358	15.69	220.79	-0.74	0.08	219.97	13.46	211.78	-378.25	49.65	-216.12	263.39
		1395	24.87	207.47	-7.39	2.66	197.42	-45.35	552.87	-748.52	76.09	-271.74	627.02
		1397	25.03	248.25	-17.20	-4.43	235.48	-56.80	684.98	-527.75	215.85	-58.62	590.63
		1359	16.47	292.02	-1.69	-0.73	291.06	16.72	267.40	-236.99	27.87	2.54	251.88
1101	31	1358	11.36	160.36	-0.53	0.07	159.76	9.81	158.03	-273.68	36.56	-152.21	194.13
		1395	18.14	151.04	-5.26	1.93	143.85	-32.75	409.08	-544.83	57.45	-193.20	460.20
		1397	18.18	180.65	-12.34	-3.17	171.48	-41.07	507.51	-378.79	159.81	-31.09	432.75
		1359	12.14	211.84	-1.24	-0.54	211.15	12.16	202.71	-168.38	20.61	13.72	185.51
1101	37	1358	9.18	131.26	-0.40	0.10	130.75	8.13	143.43	-221.01	31.55	-109.13	168.10
		1395	15.09	124.80	-3.99	1.57	119.23	-26.19	359.44	-449.90	54.15	-144.60	392.28
		1397	14.88	149.03	-9.62	-2.42	141.83	-33.02	448.40	-295.83	140.68	11.88	366.50
		1359	10.51	172.60	-1.05	-0.47	172.02	10.00	194.96	-127.06	18.06	49.83	160.22
1102	7	1395	23.35	203.43	-18.01	-6.54	191.96	-49.08	485.22	-658.03	86.36	-259.18	544.89
		1396	27.77	199.59	-25.05	29.39	145.15	-96.26	482.04	-874.76	-118.07	-274.64	673.87
		1398	35.41	275.32	-84.81	-16.69	207.21	-141.03	872.49	-711.19	246.13	-84.83	774.35
		1397	22.27	252.83	-3.30	2.49	247.05	-38.05	598.52	-418.73	257.18	-77.39	480.33
1102	31	1395	17.02	148.15	-13.01	-4.79	139.93	-35.45	359.27	-478.25	65.05	-184.03	399.81
		1396	20.27	145.61	-17.95	21.33	106.34	-69.87	357.38	-636.29	-82.42	-196.48	493.55
		1398	25.79	201.24	-61.38	-12.16	152.02	-102.48	644.14	-511.11	184.36	-51.33	565.47
		1397	16.13	183.96	-2.22	1.89	179.86	-27.34	443.52	-298.17	190.17	-44.82	351.74
1102	37	1395	14.13	122.57	-10.42	-4.05	116.20	-28.41	316.49	-392.62	60.82	-136.95	340.49
		1396	16.92	121.32	-13.90	17.39	90.02	-57.03	316.20	-523.96	-56.64	-151.12	417.42
		1398	21.35	168.88	-49.56	-10.07	129.39	-84.06	561.36	-400.87	169.09	-8.61	472.84
		1397	13.06	151.67	-1.26	1.81	148.60	-21.44	392.20	-225.21	166.65	0.34	297.30
1103	7	1396	31.28	215.76	-21.19	7.94	186.64	-77.80	725.23	-980.99	-30.95	-224.81	847.59
		1362	24.84	94.81	-208.74	-127.62	13.69	-134.32	16.20	-1108.51	-831.62	-260.69	484.52
		580	39.39	402.05	-121.86	359.04	-78.85	-143.82	542.09	-818.96	-369.22	92.35	640.20
		1398	43.24	352.77	-69.39	24.64	258.74	-175.65	989.16	-968.80	151.57	-131.21	968.72
1103	31	1396	22.82	157.38	-15.01	5.81	136.57	-56.17	535.39	-714.10	-18.40	-160.31	620.70
		1362	18.17	70.39	-152.47	-93.24	11.17	-98.44	15.14	-806.40	-603.45	-187.81	354.32
		580	28.70	293.57	-86.56	262.07	-55.07	-104.78	403.05	-592.33	265.47	76.19	467.45
		1398	31.51	257.64	-50.40	18.04	189.19	-128.05	729.58	-699.03	115.98	-85.43	707.17
1103	37	1396	19.03	131.04	-11.07	4.88	115.09	-44.86	466.39	-589.76	-1.81	-121.56	524.67
		1362	15.31	62.63	-127.62	-78.12	13.14	-83.47	23.38	-664.31	-492.17	-148.76	297.90
		580	23.81	245.39	-64.56	218.77	-37.94	-86.84	360.33	-476.88	-208.55	92.01	390.70
		1398	26.16	215.50	-41.25	15.25	158.99	-106.37	633.55	-557.31	114.10	-37.85	590.56
1104	7	1359	17.17	295.83	-0.20	0.99	294.64	18.75	297.47	-233.14	34.53	29.81	265.30
		1397	25.47	258.88	-21.64	-5.14	242.38	-66.01	667.70	-506.26	219.05	-57.61	570.45
		1399	21.73	294.70	-49.35	-48.81	294.16	-13.60	838.48	-208.00	356.21	274.27	521.64
		1360	21.89	351.86	10.27	11.18	350.96	17.55	356.38	-171.94	-19.55	203.99	239.35
1104	31	1359	12.65	214.63	-0.14	0.73	213.76	13.65	225.18	-166.10	25.42	33.66	195.60
		1397	18.50	188.40	-15.58	-3.69	176.51	-47.80	494.71	-362.81	162.16	-30.26	417.83
		1399	15.92	214.51	-35.84	-35.47	214.14	-9.61	623.98	-140.25	262.55	221.18	381.55
		1360	16.20	255.07	7.49	8.14	254.42	12.69	276.57	-121.18	-14.04	169.44	176.45
1104	37	1359	10.95	174.95	-0.10	0.63	174.22	11.26	215.31	-126.79	21.92	66.60	169.58
		1397	15.13	155.45	-12.32	-2.87	146.01	-38.67	437.15	-281.56	142.70	12.88	353.44
		1399	14.09	177.10	-29.35	-29.12	176.87	-6.98	561.26	-81.37	227.40	252.50	321.07
		1360	14.22	207.21	6.21	6.73	206.69	10.20	286.50	-89.61	-10.98	207.87	152.94
1105	7	1397	23.84	237.71	-43.98	-35.38	229.11	-48.48	659.71	-408.70	308.17	-57.16	502.00
		1398	36.13	357.82	9.82	122.71	244.92	-162.92	772.27	-766.49	156.36	-150.58	753.92
		1400	57.05	532.68	-398.36	-394.39	528.71	-60.65	1706.69	-175.20	1115.80	415.68	873.41
		1399	13.76	179.80	5.04	8.33	176.51	-23.73	661.16	19.17	416.49	263.84	311.79
1105	31	1397	17.29	173.06	-31.91	-25.76	166.91	-34.96	488.13	-290.79	227.35	-30.01	367.59
		1398	26.30	261.21	7.89	89.74	179.36	-118.47	570.83	-551.31	118.74	-99.22	550.38
		1400	41.52	390.06	-290.79	-287.98	387.26	-43.61	1256.63	-110.81	820.82	325.00	637.19
		1399	9.85	130.21	3.99	6.32	127.88	-16.99	492.89	27.54	306.97	213.46	227.93
1105	37	1397	14.08	142.99	-26.02	-21.31	138.28	-27.81	429.23	-218.84	197.55	12.84	310.59
		1398	21.71	218.13	8.90	75.43	151.60	-97.44	499.67	-433.88	114.01	-48.22	459.67
		1400	34.27	329.63	-242.78	-240.72	327.58	-34.26	1084.70	-37.84	705.77	341.10	530.83
		1399	8.59	105.38	4.32	6.05	103.65	-13.10	447.42	64.12	265.82	245.72	191.38
1106	7	1398	36.79	-78.49	-321.68	-307.02	-93.15	-57.89	1054.04	-1109.81	143.75	-199.52	1068.23
		580	75.82	1295.30	19.00	762.82	551.47	-629.34	326.02	-682.39	-495.55	139.19	391.79

		1361	54.57	-353.20	-860.90	-793.81	-420.29	-171.93	969.44	-1769.91	-1265.94	465.48	1061.40
		1400	92.04	1281.00	-37.62	359.57	883.81	-604.96	2139.03	-421.45	1230.87	486.70	1224.98
1106	31	1398	26.84	-56.33	-234.83	-224.44	-66.72	-41.79	776.69	-801.49	110.35	-135.14	779.48
		580	55.32	945.75	14.16	556.48	403.43	-459.46	245.27	-493.66	-358.03	109.64	286.05
		1361	39.81	-256.63	-627.47	-578.89	-305.21	-125.12	726.81	-1280.62	-916.07	362.26	773.90
		1400	67.07	936.27	-26.47	263.25	646.54	-441.58	1573.04	-290.32	904.78	377.93	893.67
1106	37	1398	22.36	-43.89	-196.16	-188.46	-51.59	-33.37	672.04	-641.29	109.63	-78.88	649.87
		580	46.10	790.36	12.77	463.46	339.66	-383.83	228.39	-397.78	-286.95	117.56	238.99
		1361	33.20	-210.39	-520.78	-481.49	-249.68	-103.21	669.03	-1032.78	-738.89	375.14	643.26
		1400	55.64	785.52	-18.91	222.31	544.30	-368.59	1351.45	-186.87	775.75	388.83	744.43
1107	8	1360	23.33	372.07	3.19	4.03	371.22	17.62	439.93	-233.25	21.91	184.76	326.59
		1399	23.52	228.32	-39.86	-39.42	227.88	10.85	1021.12	-280.53	378.53	362.05	650.77
		1296	23.53	269.67	17.93	19.21	268.39	17.91	887.39	43.20	319.63	610.96	396.17
		1272	20.80	363.46	3.57	4.88	362.15	21.66	77.29	-436.61	-143.41	-215.91	254.38
1107	32	1360	17.24	270.37	2.33	2.94	269.76	12.76	334.53	-165.75	15.97	152.82	240.60
		1399	17.37	166.18	-28.93	-28.59	165.83	8.18	757.23	-195.10	278.49	283.64	476.16
		1296	17.49	196.19	13.15	14.10	195.24	13.10	668.14	42.41	236.52	474.03	289.45
		1272	14.75	263.96	2.57	3.51	263.02	15.66	69.85	-305.22	-104.35	-131.02	187.06
1107	37	1360	15.02	224.43	1.97	2.47	223.93	10.48	315.44	-128.65	13.31	173.48	207.10
		1399	15.08	138.50	-23.85	-23.51	138.17	7.39	665.45	-140.00	238.12	287.33	401.98
		1296	15.50	163.21	11.07	11.88	162.40	11.06	613.12	59.31	204.96	467.47	243.82
		1272	12.07	218.92	2.08	2.84	218.16	12.78	95.97	-227.72	-86.82	-44.93	160.48
1108	8	1399	33.94	544.55	-9.56	3.92	531.07	-85.37	1061.62	111.76	493.20	680.19	465.63
		1400	52.34	75.08	-686.54	-471.81	-139.64	342.68	1524.78	-558.09	1088.19	-121.50	847.79
		1295	59.66	437.30	223.08	435.27	225.11	20.76	3037.51	2368.63	2961.15	2444.99	212.71
		1296	21.54	141.96	-118.29	-56.30	79.97	110.86	667.83	-77.73	111.67	478.43	324.56
1108	32	1399	25.05	397.52	-6.57	3.22	387.74	-62.11	787.70	90.41	362.16	515.95	340.06
		1400	38.30	55.78	-502.60	-344.86	-101.96	251.38	1122.91	-391.06	801.05	-69.20	619.43
		1295	43.85	320.91	163.59	319.34	165.16	15.64	2229.63	1757.96	2172.49	1815.10	153.90
		1296	15.94	102.70	-86.80	-41.19	57.09	81.01	510.17	-49.10	83.67	377.41	237.96
1108	37	1399	21.72	333.78	-4.49	3.59	325.70	-51.66	693.38	96.58	307.91	482.05	285.41
		1400	32.32	49.17	-424.94	-290.37	-85.40	213.76	965.71	-285.28	686.98	-6.55	520.57
		1295	37.49	273.01	139.22	271.44	140.79	14.38	1899.17	1546.57	1846.30	1599.44	125.89
		1296	13.97	84.01	-73.94	-34.91	44.98	68.13	486.91	-25.03	74.58	387.30	202.66
1109	7	1400	79.89	304.61	-18.80	149.73	136.08	-161.56	3986.40	-1095.78	2585.53	305.10	2270.91
		1361	130.21	-43.15	-820.60	-805.00	-58.75	109.02	1308.92	-5305.95	-5214.37	1217.35	772.89
		22	203.58	671.47	-442.32	660.62	-431.48	109.38	1.028e+04	-1201.69	8315.64	766.72	4328.29
		1295	45.71	340.72	63.28	66.89	337.12	31.41	2370.59	1968.38	1986.12	2352.85	-82.58
1109	31	1400	58.19	221.78	-12.27	110.31	99.19	-116.89	2918.86	-786.31	1892.55	240.00	1658.12
		1361	95.47	-28.35	-599.15	-587.96	-39.55	79.16	992.79	-3871.59	-3805.16	926.35	564.57
		22	149.16	493.06	-321.91	484.74	-313.58	81.96	7536.96	-868.17	6099.53	569.27	3164.75
		1295	33.99	249.61	47.62	50.08	247.15	22.16	1774.18	1450.29	1460.70	1763.76	-57.15
1109	37	1400	48.21	183.33	-5.60	95.39	82.34	-94.24	2465.99	-612.75	1596.95	256.29	1385.76
		1361	81.08	-13.49	-500.73	-491.97	-22.24	64.73	949.62	-3227.41	-3173.24	895.45	472.61
		22	126.32	421.16	-265.70	412.81	-257.35	75.29	6389.59	-695.67	5187.62	506.29	2659.23
		1295	30.39	211.35	44.31	45.87	209.80	16.03	1626.02	1251.02	1254.83	1622.21	-37.58
1110	8	1361	75.34	642.61	-188.48	-46.13	500.25	313.12	1956.35	-1061.98	1414.98	-520.61	-1157.99
		22	434.80	139.91	-3147.26	135.36	-3142.70	-122.28	1.804e+04	-420.68	-385.35	1.801e+04	806.93
		572	84.48	-150.05	-1136.89	-526.87	-760.07	-479.45	1896.40	-427.82	250.28	1218.30	1056.52
1110	32	1361	55.44	476.10	-134.51	-31.34	372.93	228.81	1427.97	-794.45	1032.22	-398.69	-850.24
		22	319.53	107.89	-2324.80	104.29	-2321.20	-93.50	1.321e+04	-315.58	-289.74	1.318e+04	590.55
		572	62.30	-117.07	-847.89	-397.20	-567.77	-355.32	1381.58	-307.64	186.30	887.64	768.37
1110	37	1361	47.61	417.61	-104.62	-20.06	333.05	192.38	1196.80	-713.36	863.93	-380.49	-724.59
		22	273.40	105.95	-2020.94	102.19	-2017.19	-89.29	1.116e+04	-285.77	-264.03	1.114e+04	498.50
		572	53.98	-118.18	-758.93	-366.95	-510.16	-312.27	1152.52	-246.66	165.20	740.65	637.69
1111	7	1362	23.71	85.32	-89.66	-89.54	85.20	-4.47	1204.63	123.66	133.51	1194.78	-102.67
		580	36.53	36.91	-234.70	-172.30	-25.48	114.25	1249.91	-739.17	-626.91	1137.66	459.00
		571	34.77	-49.39	-170.63	-105.91	-114.11	60.48	2017.22	-415.98	-294.15	1895.39	530.64
1111	31	1362	17.41	64.13	-65.79	-65.66	64.01	-4.08	877.59	87.71	95.08	870.22	-75.97
		580	26.69	29.32	-168.47	-125.09	-14.07	81.85	909.16	-540.89	-459.33	827.60	334.09
		571	25.34	-36.37	-129.78	-80.52	-85.63	46.64	1469.74	-305.30	-216.99	1381.43	385.94
1111	37	1362	14.87	59.62	-56.09	-55.77	59.30	-6.06	727.08	64.92	71.72	720.29	-66.72
		580	22.38	32.66	-131.94	-102.20	2.92	63.33	748.61	-455.89	-389.03	681.75	275.80
		571	21.47	-31.33	-125.31	-77.62	-79.02	46.98	1218.17	-260.25	-188.51	1146.43	317.66
1112	7	1363	11.96	26.29	-56.77	-55.98	25.49	-8.08	661.78	92.78	93.35	661.21	18.09
		581	17.01	-17.38	-136.60	-105.68	-48.29	52.25	731.59	-234.36	-187.32	684.56	207.89
		573	20.80	29.93	-42.41	-42.22	29.75	3.65	1033.17	-275.20	-251.70	1009.66	173.79
1112	31	1363	8.73	19.74	-41.61	-40.93	19.06	-6.40	478.73	63.53	63.82	478.44	10.93
		581	12.37	-12.34	-98.14	-76.81	-33.67	37.08	530.57	-172.72	-139.30	497.16	149.61
		573	15.21	21.78	-32.21	-31.97	21.53	3.61	750.54	-203.33	-186.76	733.97	124.62
1112	37	1363	7.31	18.30	-35.31	-34.38	17.37	-6.99	385.82	39.28	39.29	385.81	1.76
		581	10.21	-8.96	-77.08	-63.05	-22.99	27.55	431.85	-149.61	-124.60	406.85	117.96
		573	12.78	18.15	-31.17	-30.41	17.38	6.09	614.96	-177.75	-165.74	602.95	96.83
1113	7	1364	6.95	27.86	-33.96	-28.98	22.88	-16.82	365.81	54.24	56.78	363.27	28.00
		582	9.02	-9.96	-50.53	-49.36	-11.13	6.77	422.37	-135.89	-107.74	394.21	122.18
		574	12.51	19.97	-30.37	-30.29	19.90	-1.98	611.15	-161.89	-147.83	597.09	103.32
1113	31	1364	5.04	20.42	-24.97	-21.19	16.64	-12.54	260.26	35.08	36.35	259.00	16.85

		582	6.53	-7.29	-36.66	-35.93	-8.02	4.58	301.87	-102.37	-83.19	282.69	85.94
		574	9.11	14.52	-22.48	-22.45	14.48	-1.18	441.16	-121.76	-112.27	431.67	72.46
1113	37	1364	4.12	17.34	-21.47	-17.82	13.69	-11.33	196.28	13.83	13.86	196.25	2.47
		582	5.28	-6.06	-29.96	-29.66	-6.36	2.63	231.51	-96.05	-84.16	219.63	61.26
		574	7.57	11.94	-19.81	-19.81	11.94	-0.14	352.49	-113.48	-107.85	346.86	50.93
1114	7	1365	3.44	25.14	-23.95	-15.90	17.09	-18.18	195.73	43.30	65.00	174.03	53.26
		583	4.69	-7.28	-27.99	-27.68	-7.58	-2.48	238.22	-71.83	-45.91	212.30	85.81
		575	7.02	20.87	-21.60	-19.73	19.00	-8.71	356.37	-64.76	-32.89	324.50	111.37
1114	31	1365	2.39	18.30	-17.68	-11.64	12.27	-13.44	132.42	28.75	41.95	119.22	34.55
		583	3.34	-5.62	-20.42	-20.16	-5.87	-1.94	164.81	-55.92	-39.02	147.91	58.69
		575	5.06	15.05	-15.80	-14.47	13.73	-6.26	252.63	-50.50	-28.99	231.13	77.83
1114	37	1365	1.83	15.14	-15.40	-9.83	9.57	-11.79	77.90	13.60	17.23	74.27	14.84
		583	2.55	-5.62	-17.05	-16.68	-6.00	-2.04	108.88	-58.65	-50.40	100.64	36.24
		575	4.04	11.99	-13.31	-12.32	11.00	-4.91	187.08	-53.01	-40.30	174.37	53.76
1115	7	1366	4.65	15.43	-22.76	-15.82	8.48	-14.73	185.25	-35.13	113.03	37.09	103.45
		584	3.06	-9.08	-19.57	-18.29	-10.36	-3.43	141.84	-55.39	6.52	79.93	91.53
		576	6.43	20.64	-21.26	-17.96	17.34	-11.28	317.04	-65.91	124.60	126.52	191.47
1115	31	1366	3.28	11.17	-16.81	-11.59	5.95	-10.90	123.54	-29.54	76.55	17.45	70.60
		584	2.09	-6.96	-14.33	-13.28	-8.01	-2.57	91.38	-43.26	-1.39	49.51	62.33
		576	4.58	14.85	-15.52	-13.14	12.47	-8.17	221.42	-50.75	85.84	84.83	136.08
1115	37	1366	2.43	9.05	-14.69	-9.81	4.18	-9.59	66.88	-38.81	44.64	-16.58	43.07
		584	1.29	-6.75	-12.24	-10.87	-8.11	-2.37	37.00	-45.29	-21.04	12.74	37.52
		576	3.46	11.70	-12.97	-11.04	9.78	-6.61	152.58	-51.00	55.11	46.46	101.70
1116	7	1367	9.20	-3.58	-37.79	-34.52	-6.85	-10.06	346.66	-236.85	230.75	-120.94	232.81
		585	4.90	1.46	-15.61	-6.73	-7.41	-8.53	162.24	-162.07	64.78	-64.61	148.69
		577	13.84	14.48	-32.19	-31.41	13.71	-5.96	663.24	-261.01	398.59	3.64	417.81
1116	31	1367	6.64	-2.77	-27.85	-25.35	-5.27	-7.51	240.67	-180.21	161.62	-101.17	164.38
		585	3.47	1.05	-11.65	-4.78	-5.81	-6.33	105.40	-123.75	40.23	-58.57	103.38
		577	10.03	10.35	-23.62	-23.07	9.80	-4.28	475.02	-195.93	286.21	-7.12	301.71
1116	37	1367	5.34	-2.81	-24.14	-21.67	-5.27	-6.82	162.21	-175.44	112.90	-126.14	119.24
		585	2.58	0.92	-10.63	-3.56	-6.16	-5.63	47.19	-122.26	10.74	-85.81	69.63
		577	8.17	7.93	-20.12	-19.72	7.53	-3.33	367.39	-181.36	223.59	-37.56	241.31
1117	7	1368	61.08	-49.12	-216.89	-216.85	-49.15	2.53	3238.31	-530.00	2859.67	-151.36	1132.90
		586	9.21	41.24	11.55	39.52	13.28	-6.95	157.27	-463.13	-79.76	-226.10	301.45
		578	30.93	53.01	-47.39	-41.01	46.63	24.49	1371.41	-750.71	108.99	511.71	1041.78
1117	31	1368	44.80	-36.42	-159.72	-159.70	-36.44	1.57	2364.42	-401.49	2092.60	-129.67	823.36
		586	6.67	30.43	8.11	29.15	9.40	-5.20	95.68	-346.13	-68.88	-181.58	213.60
		578	22.54	38.74	-35.00	-30.29	34.02	18.03	991.46	-555.45	72.31	363.71	759.61
1117	37	1368	38.10	-32.23	-137.88	-137.88	-32.23	0.42	1976.41	-383.02	1763.72	-170.34	675.71
		586	5.47	26.47	5.74	25.31	6.90	-4.76	18.78	-315.82	-91.96	-205.08	157.45
		578	18.71	32.48	-30.54	-26.43	28.37	15.55	796.63	-487.86	36.90	271.88	631.41
1118	7	984	28.22	270.92	183.98	213.14	241.76	41.04	3.64	-1229.34	-136.07	-1089.63	-390.83
		46	137.64	246.27	-1552.18	68.83	-1374.74	-536.31	3368.00	-450.04	-320.87	3238.83	690.28
		587	46.37	-226.45	-941.71	-806.80	-361.35	-279.81	335.85	-217.59	333.90	-215.64	-32.81
1118	31	984	21.13	200.21	135.36	157.48	178.09	30.75	-1.22	-928.16	-108.19	-821.19	-296.16
		46	100.97	182.28	-1152.29	51.31	-1021.32	-397.03	2418.08	-339.72	-250.00	2328.37	489.24
		587	34.29	-166.91	-701.74	-600.90	-267.75	-209.20	237.90	-164.56	234.99	-161.66	-34.07
1118	37	984	19.34	175.09	116.35	137.56	153.88	28.22	-13.44	-874.50	-119.00	-768.94	-282.40
		46	85.91	160.24	-1024.16	46.23	-910.15	-349.34	1888.94	-320.41	-259.69	1828.22	361.20
		587	30.06	-144.53	-632.05	-540.23	-236.34	-190.61	179.35	-160.14	167.95	-148.73	-61.17
1119	8	985	9.58	187.22	2.11	22.53	166.80	-57.99	11.44	-12.37	9.44	-10.38	6.60
		589	15.83	288.99	-7.81	49.95	231.23	-117.50	-45.92	-107.60	-48.41	-105.11	12.15
		588	15.70	-47.76	-319.78	-167.44	-200.10	135.03	57.79	-36.93	-9.30	30.16	43.06
1119	32	985	7.16	138.93	0.92	15.97	123.87	-43.03	2.49	-17.73	2.49	-17.73	-0.21
		589	11.77	213.97	-6.36	36.29	171.32	-87.05	-41.00	-91.01	-41.23	-90.78	3.37
		588	11.62	-35.76	-237.65	-124.77	-148.64	100.24	28.15	-28.82	-11.71	11.04	26.12
1119	37	985	6.44	122.76	-0.71	12.41	109.64	-38.05	-3.28	-38.51	-6.54	-35.25	-10.20
		589	10.45	188.02	-6.89	30.39	150.74	-76.66	-45.51	-106.47	-46.62	-105.36	-8.14
		588	10.19	-32.13	-210.33	-111.18	-131.27	88.53	-4.65	-28.19	-19.84	-13.00	11.26
1120	7	986	5.41	92.59	-5.05	22.38	65.16	-43.88	76.12	-1.89	36.64	37.58	39.00
		604	8.87	156.96	-10.21	36.76	109.99	-75.14	89.24	-6.26	37.36	45.62	47.57
		603	6.15	23.15	-93.30	-54.59	-15.57	54.86	77.27	-18.27	48.88	10.13	43.66
1120	31	986	3.96	68.76	-4.32	15.81	48.62	-32.65	43.13	-3.76	21.61	17.76	23.37
		604	6.53	116.33	-8.12	26.51	81.70	-55.77	51.58	-7.71	21.67	22.21	29.64
		603	4.45	17.08	-69.69	-41.08	-11.53	40.79	45.71	-17.73	31.03	-3.04	26.76
1120	37	986	3.43	61.22	-5.71	11.50	44.00	-29.26	1.91	-16.96	1.42	-16.47	3.00
		604	5.70	102.77	-8.95	21.07	72.76	-49.52	3.28	-20.70	-0.06	-17.36	8.30
		603	3.67	14.85	-63.30	-38.27	-10.18	36.47	11.56	-37.00	10.86	-36.30	5.79
1121	7	987	3.83	60.86	-5.09	25.79	29.98	-32.91	46.19	-25.55	34.96	-14.32	26.07
		613	5.67	94.99	-9.68	35.49	49.82	-51.85	50.90	-13.50	28.67	8.73	30.62
		612	2.90	13.32	-28.41	-18.37	3.28	17.84	93.68	-36.88	67.57	-10.76	52.23
1121	31	987	2.78	45.11	-4.17	18.40	22.53	-24.55	24.58	-24.08	20.05	-19.54	14.15
		613	4.14	70.29	-7.60	25.61	37.08	-38.52	25.83	-13.89	15.22	-3.28	17.57
		612	2.02	9.90	-21.38	-14.12	2.63	13.21	59.79	-31.55	44.90	-16.66	33.74
1121	37	987	2.36	39.92	-5.03	13.98	20.90	-22.21	-0.63	-46.08	-0.98	-45.73	-3.98
		613	3.50	61.77	-8.10	20.42	33.25	-34.34	-5.75	-33.99	-5.77	-33.97	-0.79
		612	1.72	8.86	-19.96	-14.08	2.97	11.62	26.04	-45.24	23.18	-42.37	14.00

1122	7	988	3.26	48.45	-6.98	29.07	12.40	-26.43	73.36	-56.45	66.90	-49.99	28.22
		622	4.42	69.40	-11.84	36.53	21.03	-39.87	49.76	-45.22	40.69	-36.15	27.91
		621	2.93	4.94	-9.92	-4.44	-0.54	7.17	126.54	-69.60	98.54	-41.61	68.61
1122	31	988	2.36	35.79	-5.38	20.89	9.52	-19.79	46.04	-48.16	43.26	-45.38	15.94
		622	3.20	51.20	-9.05	26.40	15.75	-29.65	27.80	-39.47	23.91	-35.57	15.72
		621	2.06	3.61	-7.42	-3.69	-0.12	5.22	84.76	-55.60	67.47	-38.31	46.12
1122	37	988	2.16	31.36	-5.51	16.38	9.47	-18.11	18.13	-66.69	18.09	-66.65	-1.78
		622	2.65	44.53	-8.92	21.19	14.42	-26.51	1.27	-59.47	1.21	-59.40	-1.96
		621	1.55	3.20	-6.94	-4.54	0.80	4.31	48.13	-63.91	41.89	-57.67	25.70
1123	7	989	4.34	44.19	-11.04	34.19	-1.04	-21.26	147.47	-72.37	135.49	-60.38	49.91
		631	4.15	59.18	-16.31	40.17	2.70	-32.77	98.99	-75.88	85.75	-62.64	46.27
		630	4.61	4.15	-12.91	-0.95	-7.82	7.81	196.16	-104.36	159.78	-67.98	98.03
1123	31	989	3.18	32.58	-8.16	24.79	-0.38	-16.02	100.31	-59.46	93.55	-52.70	32.16
		631	3.05	43.51	-12.20	29.12	2.18	-24.38	64.27	-61.73	57.04	-54.50	29.30
		630	3.30	2.85	-9.30	-0.97	-5.47	5.64	136.14	-80.83	112.24	-56.93	67.93
1123	37	989	2.77	28.34	-7.26	20.15	0.93	-14.98	62.05	-73.16	60.79	-71.89	13.02
		631	2.81	37.36	-11.18	23.68	2.51	-21.84	30.60	-74.85	29.64	-73.89	10.01
		630	2.58	1.89	-7.40	-1.70	-3.81	4.53	91.90	-83.57	79.50	-71.17	44.97
1124	7	990	6.78	46.58	-20.08	43.15	-16.65	-14.71	270.12	-71.23	243.65	-44.76	91.30
		640	5.94	58.71	-24.42	48.33	-14.03	-27.48	193.67	-98.17	164.19	-68.70	87.94
		639	7.21	5.76	-30.23	-7.02	-17.45	17.22	310.49	-137.31	256.17	-82.99	146.20
1124	31	990	4.93	34.41	-14.58	31.65	-11.83	-11.29	190.17	-57.93	173.00	-40.76	62.97
		640	4.35	43.08	-18.05	35.23	-10.19	-20.45	133.68	-77.06	114.89	-58.27	60.06
		639	5.21	4.18	-22.03	-5.26	-12.59	12.58	220.05	-104.43	182.82	-67.20	103.41
1124	37	990	4.12	30.13	-12.04	26.89	-8.81	-11.22	137.11	-68.60	128.72	-60.21	40.69
		640	3.74	36.71	-15.82	29.25	-8.36	-18.34	88.14	-83.21	79.85	-74.92	36.76
		639	4.19	3.43	-18.29	-4.81	-10.04	10.54	162.91	-101.30	139.13	-77.52	75.63
1125	7	991	10.78	58.72	-39.99	58.62	-39.89	-3.19	448.30	-60.64	396.62	-8.96	153.73
		649	9.29	72.44	-38.68	67.07	-33.32	-23.81	337.43	-125.67	274.36	-62.60	158.84
		648	11.31	7.86	-74.52	-33.36	-33.30	41.19	484.25	-174.52	395.82	-86.09	224.57
1125	31	991	7.86	43.69	-28.99	43.56	-28.87	-2.99	320.97	-49.34	285.28	-13.66	109.28
		649	6.79	53.27	-28.56	49.25	-24.54	-17.68	239.32	-95.90	196.15	-52.72	112.29
		648	8.22	5.93	-54.73	-24.47	-24.32	30.33	347.28	-130.89	285.01	-68.62	160.93
1125	37	991	6.55	39.21	-23.66	38.87	-23.31	-4.65	248.14	-58.06	224.50	-34.42	81.73
		649	5.73	45.75	-24.88	42.06	-21.19	-15.72	177.86	-94.19	150.41	-66.74	81.94
		648	6.74	5.59	-46.77	-20.82	-20.36	26.18	270.16	-120.85	225.27	-75.96	124.64
1126	7	992	16.46	76.35	-67.18	75.26	-66.09	12.43	684.55	-93.93	591.21	-0.59	252.88
		658	14.43	132.13	-47.41	121.52	-36.80	-42.33	524.39	-228.71	394.02	-98.33	284.93
		657	19.58	-0.63	-210.00	-130.89	-79.73	101.51	774.33	-219.91	604.96	-50.54	373.77
1126	31	992	12.02	57.41	-48.71	56.78	-48.08	8.13	493.74	-72.46	427.47	-6.18	182.02
		658	10.59	97.56	-35.25	89.80	-27.48	-31.16	376.43	-169.86	283.96	-77.40	204.85
		657	14.31	-0.18	-155.02	-96.48	-58.71	75.08	559.33	-163.20	437.91	-41.77	270.16
1126	37	992	10.07	53.52	-39.75	53.37	-39.60	3.75	393.15	-73.25	343.66	-23.77	143.64
		658	9.01	85.06	-31.50	78.51	-24.96	-26.84	293.95	-151.48	225.27	-82.80	160.86
		657	12.02	0.77	-135.02	-83.57	-50.68	65.87	448.02	-145.01	353.68	-50.67	216.90
1127	7	993	63.54	147.47	-589.37	-588.73	146.84	-21.62	2550.88	1119.33	2550.78	1119.43	12.19
		667	48.11	525.83	-56.42	258.55	210.86	-290.15	912.17	-874.64	407.09	-369.56	804.60
		666	37.08	-179.19	-473.43	-247.96	-404.66	124.52	1173.66	-649.06	229.36	295.24	910.76
1127	31	993	46.68	110.01	-435.15	-434.56	109.42	-17.91	1860.54	810.50	1860.50	810.55	6.87
		667	35.15	385.92	-41.75	190.09	154.08	-213.08	659.49	-639.24	294.73	-274.49	583.67
		666	27.12	-132.93	-349.24	-183.30	-298.87	91.43	851.31	-474.37	163.64	213.30	662.37
1127	37	993	39.97	99.59	-379.36	-378.37	98.59	-21.85	1548.58	655.40	1548.58	655.40	-0.81
		667	29.46	328.97	-36.69	163.10	129.18	-182.04	530.12	-536.33	238.22	-244.43	475.49
		666	22.82	-117.87	-303.40	-160.50	-260.77	78.05	693.26	-397.93	124.40	170.93	545.10
1128	8	909	12.81	10.25	-83.55	-48.66	-24.64	-45.34	316.52	-573.89	313.81	-571.18	-49.04
		951	14.47	45.68	-37.45	-34.19	42.42	-16.13	288.27	-565.75	283.60	-561.08	-62.98
		891	12.80	12.48	-78.89	-46.39	-20.02	-43.74	273.62	-610.70	270.29	-607.38	-54.10
1128	32	909	9.47	7.28	-60.93	-35.39	-18.27	-33.02	228.66	-436.77	225.83	-433.94	-43.30
		951	10.75	32.92	-27.20	-24.82	30.53	-11.74	207.75	-431.46	203.26	-426.97	-53.41
		891	9.48	8.91	-57.55	-33.74	-14.91	-31.87	197.18	-464.33	193.78	-460.92	-47.31
1128	37	909	8.53	5.61	-51.02	-29.37	-16.03	-27.51	182.24	-415.63	176.90	-410.29	-56.24
		951	9.50	26.57	-22.47	-20.45	24.55	-9.73	165.71	-411.82	158.28	-404.39	-65.07
		891	8.56	6.96	-48.24	-28.02	-13.26	-26.60	155.59	-440.76	149.42	-434.59	-60.33
1129	8	907	17.87	-20.35	-107.31	-79.20	-48.47	-40.68	1026.87	-68.66	982.03	-23.82	-217.05
		944	14.81	28.28	-38.35	-37.27	27.20	8.41	822.94	5.63	740.26	88.31	-246.45
		893	15.71	-13.18	-103.06	-74.81	-41.43	-41.73	817.24	-200.29	781.10	-164.15	-188.32
1129	32	907	13.09	-15.14	-78.10	-57.63	-35.61	-29.49	751.37	-56.99	717.48	-23.09	-162.03
		944	10.88	20.18	-27.87	-27.05	19.37	6.20	601.97	-3.96	539.74	58.27	-183.95
		893	11.51	-9.88	-75.02	-54.42	-30.48	-30.29	597.08	-155.69	569.11	-127.72	-142.36
1129	37	907	11.03	-13.36	-64.94	-47.88	-30.42	-24.27	630.50	-65.98	598.83	-34.31	-145.11
		944	9.27	15.81	-23.03	-22.28	15.06	5.35	505.42	-24.19	447.57	33.66	-165.19
		893	9.71	-8.89	-62.43	-45.19	-26.13	-25.02	497.87	-156.06	469.99	-128.18	-132.11
1130	8	895	51.91	7.38	-109.72	-50.61	-51.72	58.55	3777.26	1137.15	1921.59	2992.82	1206.50
		905	66.14	32.09	-141.40	-112.44	3.13	64.70	4760.22	1550.30	2542.68	3767.83	1483.46
		956	50.92	255.34	12.11	160.04	107.41	118.73	3012.47	1318.03	2348.73	1981.77	827.12
1130	32	895	38.05	5.53	-79.76	-36.89	-37.34	42.64	2772.29	844.86	1414.02	2203.13	879.24
		905	48.52	24.12	-103.02	-81.95	3.05	47.27	3495.22	1152.67	1872.13	2775.76	1080.62

		956	37.28	187.11	9.13	117.10	79.14	86.94	2207.71	978.54	1726.98	1459.27	599.83
1130	37	895	32.24	4.99	-66.06	-30.80	-30.27	35.52	2360.08	749.40	1216.62	1892.85	730.93
		905	41.23	21.91	-85.87	-68.36	4.41	39.75	2980.13	1024.43	1613.01	2391.56	897.02
		956	31.51	158.51	8.37	98.76	68.13	73.49	1870.96	864.01	1481.14	1253.84	490.48
1131	8	911	12.94	22.74	-61.35	-41.24	2.63	-35.87	199.24	-621.08	198.26	-620.10	-28.39
		947	14.78	49.01	-40.54	-35.44	43.91	-20.74	191.23	-643.87	190.82	-643.47	-18.36
		889	12.77	24.18	-57.43	-40.11	6.86	-33.37	202.45	-592.88	202.09	-592.52	-16.94
1131	32	911	9.58	16.32	-44.84	-30.02	1.50	-26.21	143.08	-469.69	141.86	-468.47	-27.34
		947	10.95	35.39	-29.47	-25.74	31.65	-15.11	136.70	-486.54	136.06	-485.90	-19.94
		889	9.44	17.34	-41.98	-29.20	4.56	-24.39	145.62	-447.49	145.05	-446.93	-18.34
1131	37	911	8.42	12.99	-37.81	-24.98	0.16	-22.07	111.35	-439.80	108.46	-436.91	-39.82
		947	9.64	28.72	-24.42	-21.24	25.54	-12.59	106.57	-453.48	104.51	-451.42	-33.92
		889	8.27	13.79	-35.43	-24.31	2.67	-20.58	114.13	-416.94	112.38	-415.19	-30.42
1132	7	913	12.16	38.86	-42.32	-37.72	34.26	-18.77	380.38	-297.78	378.99	-296.39	30.70
		928	14.83	54.54	-43.31	-39.82	51.06	-18.14	475.93	-338.99	456.86	-319.92	123.20
		887	12.60	45.89	-38.32	-34.14	41.71	-18.28	477.74	-211.65	475.01	-208.91	43.30
1132	31	913	8.89	27.86	-30.91	-27.43	24.37	-13.88	279.52	-219.27	278.63	-218.38	20.97
		928	10.87	39.34	-31.43	-28.85	36.76	-13.27	351.66	-248.42	337.94	-234.69	89.72
		887	9.21	32.96	-27.98	-24.81	29.79	-13.54	353.03	-153.17	351.04	-151.19	31.60
1132	37	913	7.47	21.63	-25.90	-22.56	18.29	-12.15	239.44	-189.29	239.05	-188.90	12.87
		928	9.20	31.31	-25.65	-23.37	29.04	-11.16	307.39	-210.58	296.53	-199.72	74.21
		887	7.75	25.81	-23.44	-20.36	22.73	-11.92	308.65	-123.61	307.03	-122.00	26.36
1133	8	1444	69.73	95.33	-49.58	-47.87	93.62	-15.65	-1071.08	-4917.89	-1992.28	-3996.70	-1641.67
		1425	52.04	-134.25	-326.11	-239.59	-220.77	-95.47	-1738.47	-3405.33	-2776.51	-2367.28	807.93
		33	488.09	324.10	-303.29	324.10	-303.29	-0.20	5984.17-2.767e+04	3342.19-2.503e+04	-9052.23		
		1426	216.47	323.58	170.43	268.67	225.34	73.45	1.478e+04	2424.49	4357.89	1.285e+04	4488.76
1133	32	1444	50.94	69.80	-36.41	-35.15	68.53	-11.54	-783.26	-3591.61	-1448.31	-2926.56	-1193.90
		1425	38.40	-98.52	-239.02	-175.59	-161.95	-69.92	-1294.11	-2510.72	-2064.56	-1740.27	586.30
		33	358.29	237.45	-222.41	237.45	-222.41	-0.33	4431.69-2.029e+04	2509.33-1.837e+04	-6620.01		
		1426	158.81	237.27	124.66	196.89	165.04	54.01	1.085e+04	1786.62	3205.20	9426.92	3292.18
1133	37	1444	42.91	59.19	-31.03	-29.93	58.09	-9.90	-662.51	-3023.54	-1205.54	-2480.51	-993.59
		1425	33.19	-83.87	-203.06	-149.17	-137.76	-59.33	-1142.42	-2166.30	-1817.94	-1490.78	485.10
		33	305.55	201.58	-189.11	201.58	-189.11	-0.55	3864.14-1.724e+04	2261.32-1.564e+04	-5591.32		
		1426	135.22	201.72	105.54	167.22	140.04	46.13	9240.29	1537.34	2745.21	8032.42	2800.93
1134	8	1445	11.20	3.55	-7.89	0.05	-4.38	5.28	118.29	-646.69	-164.98	-363.42	369.40
		1432	18.24	8.09	-29.69	-17.94	-3.66	17.49	346.43	-889.37	-359.98	-182.95	611.53
		1435	20.97	11.12	-26.51	-17.57	2.18	16.02	543.58	-938.28	-247.52	-147.19	739.23
		1446	24.63	5.57	-43.24	-20.14	-17.53	24.37	397.50	-1259.66	-155.32	-706.84	781.35
1134	32	1445	8.31	2.59	-5.73	0.06	-3.20	3.83	87.04	-480.85	-125.69	-268.13	274.87
		1432	13.52	5.91	-21.70	-13.10	-2.69	12.79	254.57	-661.68	-272.39	-134.73	452.92
		1435	15.54	8.12	-19.46	-12.92	1.58	11.73	399.44	-698.34	-190.14	-108.76	547.38
		1446	18.20	4.05	-31.67	-14.75	-12.86	17.84	292.85	-932.03	-118.96	-520.21	578.65
1134	37	1445	7.27	2.15	-4.70	0.13	-2.67	3.12	74.73	-423.41	-117.05	-231.63	242.39
		1432	11.80	4.96	-18.26	-11.00	-2.30	10.77	217.73	-583.51	-249.94	-115.84	394.97
		1435	13.56	6.79	-16.60	-11.11	1.29	9.92	341.67	-616.42	-180.43	-94.31	477.10
		1446	15.78	3.34	-26.82	-12.50	-10.97	15.06	252.14	-810.92	-112.11	-446.67	504.52
1135	8	1436	24.78	17.97	-18.12	-0.21	0.06	18.04	641.92	-1126.78	-426.38	-58.48	865.01
		1440	23.79	22.52	-14.72	7.52	0.27	18.26	623.53	-1076.62	-407.28	-45.81	830.64
		1410	11.97	53.01	-0.10	52.96	-0.05	1.62	175.63	-579.21	-412.53	8.95	313.10
		1429	11.83	32.95	-0.22	32.86	-0.13	1.72	189.48	-609.97	-435.37	14.88	330.31
1135	32	1436	18.36	13.16	-13.32	-0.21	0.05	13.24	472.83	-838.01	-321.86	-43.32	640.45
		1440	17.62	16.49	-10.82	5.47	0.20	13.40	459.78	-799.81	-306.15	-33.87	614.90
		1410	8.89	38.72	-0.08	38.68	-0.04	1.18	128.95	-432.44	-310.19	6.70	231.70
		1429	8.81	24.00	-0.17	23.93	-0.10	1.26	138.89	-456.31	-328.53	11.11	244.39
1135	37	1436	16.03	11.14	-11.42	-0.32	0.04	11.28	406.65	-738.72	-294.27	-37.79	558.14
		1440	15.37	13.97	-9.29	4.51	0.18	11.42	396.33	-703.35	-277.59	-29.43	535.66
		1410	7.83	32.49	-0.08	32.46	-0.05	1.00	109.93	-385.34	-281.40	5.99	201.68
		1429	7.78	19.94	-0.16	19.88	-0.10	1.08	118.03	-408.25	-300.11	9.88	212.65
1136	8	1407	0.66	1.47	0.07	1.20	0.34	-0.55	41.09	-1.86	-0.54	39.76	7.43
		1416	5.38	1.60	-0.02	0.59	1.00	-0.78	93.27	-299.76	-250.69	44.19	129.92
		1445	14.81	0.15	-10.24	-3.77	-6.32	5.04	224.15	-821.44	-218.25	-379.03	516.58
		1415	7.40	2.30	-1.26	-0.94	1.98	-1.02	47.70	-457.68	29.54	-439.52	94.06
1136	32	1407	0.48	1.06	0.05	0.87	0.25	-0.40	30.34	-1.02	-0.02	29.33	5.52
		1416	4.01	1.19	-4.83e-03	0.46	0.73	-0.58	68.82	-224.22	-188.03	32.63	96.41
		1445	10.99	0.08	-7.44	-2.74	-4.62	3.64	166.09	-610.39	-164.41	-279.89	383.92
		1415	5.48	1.71	-0.92	-0.69	1.48	-0.75	35.90	-338.66	22.10	-324.86	70.55
1136	37	1407	0.41	0.87	0.05	0.71	0.20	-0.32	26.25	-0.14	0.78	25.33	4.84
		1416	3.57	1.07	0.02	0.45	0.64	-0.52	59.46	-200.23	-169.00	28.23	84.47
		1445	9.62	-0.03	-6.12	-2.26	-3.89	2.93	144.99	-536.56	-149.27	-242.30	337.59
		1415	4.78	1.55	-0.78	-0.59	1.36	-0.64	32.52	-294.67	19.73	-281.88	63.41
1137	7	1430	49.86	56.95	-94.30	-32.56	-4.80	-74.34	1183.32	-2128.49	111.91	-1057.08	1549.32
		1406	21.88	52.92	-15.60	-0.17	37.49	-28.62	-136.77	-1335.79	-228.34	-1244.22	318.46
		1425	71.83	-3.19	-208.82	-14.78	-197.23	-47.42	497.22	-3909.89	483.97	-3896.64	241.26
		1444	44.83	171.07	-55.60	-8.66	124.14	-91.85	581.52	-2073.92	536.39	-2028.78	343.24
1137	31	1430	36.63	41.64	-69.16	-23.77	-3.75	-54.49	877.51	-1557.82	91.35	-771.66	1138.64
		1406	15.96	38.55	-11.48	-0.14	27.21	-20.94	-101.93	-975.33	-169.07	-908.19	232.66
		1425	52.72	-2.32	-153.12	-10.84	-144.61	-34.80	370.79	-2867.49	360.53	-2857.23	181.99

1137	37	1444	32.95	124.95	-40.76	-6.43	90.62	-67.16	433.58	-1522.42	399.69	-1488.53	255.25
		1430	31.34	35.00	-58.80	-19.87	-3.94	-46.22	777.06	-1313.91	107.50	-644.35	975.56
		1406	13.28	31.91	-9.90	-0.19	22.20	-17.65	-91.87	-815.09	-148.88	-758.08	194.89
		1425	44.95	-1.92	-130.06	-9.21	-122.78	-29.67	335.02	-2437.50	324.44	-2426.92	170.97
1138	8	1444	28.26	104.55	-34.61	-5.71	75.65	-56.45	391.45	-1298.71	360.02	-1267.28	228.32
		1418	11.47	0.07	-37.50	-37.41	-6.99e-03	1.74	153.93	-581.63	-427.76	0.06	299.17
		1419	13.26	0.17	-64.29	-64.24	0.12	1.83	172.35	-625.92	-452.72	-0.85	329.03
		1434	24.58	8.39	-40.86	-32.57	0.10	18.43	613.04	-1101.73	-434.94	-53.75	835.93
1138	32	1431	23.12	9.07	-35.39	-25.75	-0.56	18.32	554.97	-1054.83	-407.04	-92.82	789.42
		1418	8.55	0.06	-27.35	-27.29	-1.53e-03	1.28	112.87	-436.12	-323.37	0.12	221.78
		1419	9.87	0.13	-46.99	-46.95	0.09	1.33	126.45	-468.37	-341.40	-0.52	243.73
		1434	18.22	6.16	-29.93	-23.84	0.07	13.51	451.79	-819.71	-328.14	-39.78	619.18
1138	37	1431	17.14	6.65	-25.91	-18.84	-0.42	13.42	408.54	-785.27	-308.13	-68.60	584.77
		1418	7.58	0.06	-22.84	-22.79	0.01	1.09	96.00	-392.01	-296.25	0.24	193.80
		1419	8.70	0.13	-39.51	-39.48	0.10	1.12	107.66	-419.22	-311.33	-0.22	212.61
		1434	15.92	5.25	-25.35	-20.16	0.06	11.48	388.96	-723.23	-299.63	-34.64	540.08
1139	8	1431	14.98	5.65	-21.92	-15.90	-0.37	11.39	350.87	-693.64	-283.24	-59.52	510.14
		1446	23.90	11.83	-33.01	-19.31	-1.88	20.66	713.42	-989.55	21.09	-297.23	836.48
		1435	29.84	7.65	-32.58	-19.78	-5.14	18.74	668.75	-1446.53	-430.34	-347.43	1056.83
		1412	12.94	3.33	-16.10	-16.09	3.33	0.17	537.12	-403.34	-318.46	452.24	269.48
1139	32	1413	26.38	-5.25	-56.78	-55.58	-6.45	7.77	409.51	-1480.96	-217.59	-853.86	890.09
		1446	17.71	8.65	-24.21	-14.15	-1.41	15.14	526.06	-736.27	9.60	-219.80	620.65
		1435	22.05	5.58	-23.89	-14.54	-3.76	13.71	492.21	-1071.59	-324.12	-255.25	781.14
		1412	9.63	2.42	-11.93	-11.93	2.41	0.13	394.75	-305.95	-242.78	331.58	200.68
1139	37	1413	19.41	-3.82	-41.76	-40.88	-4.69	5.70	299.26	-1090.46	-165.41	-625.79	655.62
		1446	15.47	7.29	-20.59	-12.01	-1.30	12.87	453.90	-649.27	-4.42	-190.96	543.64
		1435	19.14	4.65	-20.29	-12.47	-3.17	11.57	422.70	-935.20	-294.28	-218.22	677.88
		1412	8.51	1.97	-10.54	-10.54	1.97	0.11	337.76	-282.28	-226.57	282.05	177.31
1140	8	1413	16.66	-3.14	-35.88	-35.15	-3.88	4.86	252.50	-937.57	-153.28	-531.79	564.14
		1416	5.66	2.91	0.78	2.71	0.98	-0.62	86.60	-318.92	-262.42	30.10	140.43
		1417	8.72	0.34	-11.55	-11.49	0.28	0.88	117.76	-481.23	-385.19	21.72	219.78
		1432	19.56	7.67	-25.67	-16.46	-1.54	14.91	433.89	-931.90	-334.42	-163.59	677.54
1140	32	1445	13.41	1.69	-14.14	-6.99	-5.46	7.88	198.36	-727.76	-220.47	-308.92	460.94
		1416	4.23	2.16	0.58	2.02	0.72	-0.45	63.95	-238.68	-197.01	22.29	104.27
		1417	6.51	0.26	-8.37	-8.32	0.21	0.64	86.42	-360.93	-290.65	16.15	162.78
		1432	14.51	5.60	-18.76	-12.03	-1.14	10.89	319.46	-693.70	-253.61	-120.64	502.20
1140	37	1445	9.95	1.21	-10.31	-5.10	-4.00	5.73	146.59	-540.98	-166.41	-227.98	342.40
		1416	3.76	1.93	0.51	1.81	0.63	-0.39	55.38	-213.41	-177.46	19.43	91.49
		1417	5.79	0.24	-6.82	-6.78	0.20	0.52	73.71	-324.48	-264.98	14.21	141.96
		1432	12.68	4.68	-15.78	-10.12	-0.99	9.15	274.54	-612.52	-233.89	-104.08	438.75
1141	8	1445	8.71	0.95	-8.60	-4.26	-3.39	4.75	127.15	-475.99	-151.76	-197.08	300.72
		1431	20.21	9.10	-34.53	-24.80	-0.64	18.17	445.60	-938.44	-379.91	-112.93	679.02
		1434	21.34	8.30	-40.73	-32.27	-0.16	18.53	482.09	-977.11	-413.73	-81.30	710.42
		1436	21.34	18.04	-18.20	-0.13	-0.02	18.12	510.92	-990.08	-411.88	-67.28	730.45
1141	32	1447	21.82	14.17	-23.32	-7.93	-1.22	18.44	509.68	-1015.97	-376.48	-129.81	752.79
		1431	14.99	6.67	-25.28	-18.14	-0.47	13.31	327.59	-699.18	-288.05	-83.53	503.10
		1434	15.82	6.09	-29.83	-23.62	-0.11	13.58	354.80	-727.42	-312.44	-60.18	526.21
		1436	15.81	13.20	-13.37	-0.15	-0.02	13.29	375.95	-736.91	-311.12	-49.84	540.87
1141	37	1447	16.17	10.36	-17.13	-5.86	-0.90	13.52	374.68	-756.26	-285.60	-95.98	557.46
		1431	13.11	5.69	-21.38	-15.30	-0.39	11.30	280.42	-618.81	-265.77	-72.62	439.12
		1434	13.84	5.21	-25.25	-19.96	-0.08	11.54	304.42	-642.79	-285.95	-52.42	458.99
		1436	13.82	11.13	-11.46	-0.29	-0.04	11.30	322.47	-650.85	-284.90	-43.47	471.45
1142	8	1447	14.13	8.72	-14.65	-5.13	-0.80	11.48	320.73	-667.90	-263.84	-83.34	486.01
		1417	8.65	0.46	-12.12	-12.01	0.35	1.19	119.35	-474.17	-359.62	4.80	234.23
		1418	11.35	0.13	-37.09	-37.01	0.05	1.77	147.41	-578.99	-426.87	-4.71	295.57
		1431	23.24	9.32	-35.16	-25.66	-0.18	18.23	565.93	-1055.70	-394.97	-94.80	796.80
1142	32	1432	19.69	7.78	-26.99	-16.64	-2.57	15.90	432.32	-936.79	-317.25	-187.22	681.46
		1417	6.46	0.34	-8.79	-8.70	0.26	0.87	87.61	-355.77	-271.76	3.59	173.76
		1418	8.47	0.10	-27.06	-27.00	0.04	1.29	107.95	-434.07	-322.75	-3.37	218.97
		1431	17.23	6.82	-25.73	-18.78	-0.13	13.35	416.69	-785.98	-299.20	-70.10	590.32
1142	37	1432	14.60	5.69	-19.74	-12.17	-1.89	11.63	318.21	-697.23	-240.83	-138.19	505.12
		1417	5.75	0.30	-7.17	-7.09	0.23	0.73	74.76	-320.14	-248.59	3.22	152.10
		1418	7.51	0.11	-22.59	-22.54	0.06	1.08	91.55	-390.05	-295.79	-2.70	191.07
		1431	15.06	5.78	-21.75	-15.85	-0.12	11.30	358.03	-694.39	-275.47	-60.88	515.15
1143	8	1432	12.76	4.78	-16.65	-10.24	-1.63	9.81	273.28	-615.40	-222.61	-119.51	441.34
		1447	25.56	14.32	-23.13	-8.13	-0.67	18.35	666.46	-1153.88	-366.07	-121.35	901.91
		1436	24.87	17.88	-17.90	0.11	-0.13	17.89	641.79	-1134.61	-422.04	-70.77	870.66
		1429	11.77	32.85	0.02	32.80	0.08	1.29	196.18	-600.91	-425.47	20.74	330.25
1143	32	1411	12.19	12.54	-0.52	12.34	-0.32	1.62	210.05	-671.40	-434.99	-26.37	390.51
		1447	18.94	10.48	-16.98	-6.01	-0.50	13.45	490.66	-858.36	-277.83	-89.86	667.93
		1436	18.43	13.08	-13.15	0.03	-0.09	13.12	472.71	-843.79	-318.69	-52.38	644.64
		1429	8.77	23.93	0.01	23.90	0.05	0.94	143.90	-449.65	-321.16	15.40	244.45
1143	37	1411	9.08	9.04	-0.39	8.88	-0.24	1.20	153.75	-502.31	-329.19	-19.37	289.15
		1447	16.53	8.85	-14.52	-5.23	-0.43	11.43	421.56	-756.85	-256.95	-78.34	582.40
		1436	16.09	11.05	-11.26	-0.13	-0.08	11.16	406.50	-743.71	-291.61	-45.61	561.80
		1429	7.75	19.88	-9.92e-04	19.85	0.03	0.79	122.48	-402.55	-293.59	13.52	212.92
		1411	8.03	7.21	-0.37	7.07	-0.22	1.04	130.24	-449.26	-302.44	-16.57	252.04

1144	8	1440	23.93	22.15	-14.99	9.77	-2.61	17.51	625.24	-1085.02	-279.70	-180.08	853.68
		1439	22.05	30.83	-9.57	23.78	-2.53	15.33	586.65	-997.25	-230.01	-180.59	791.56
		1428	11.10	73.57	-0.20	73.26	0.11	-4.80	137.82	-487.80	-230.45	-48.53	286.11
		1410	11.74	53.26	-0.27	53.14	-0.15	-2.53	164.92	-572.68	-351.28	-56.47	338.06
1144	32	1440	17.73	16.23	-11.02	7.12	-1.91	12.86	461.11	-806.09	-211.66	-133.32	632.39
		1439	16.32	22.58	-7.05	17.39	-1.86	11.26	433.37	-739.60	-172.75	-133.48	586.16
		1428	8.22	53.82	-0.15	53.59	0.08	-3.51	101.36	-363.16	-225.92	-35.88	211.94
		1410	8.73	38.91	-0.20	38.82	-0.12	-1.84	120.92	-427.48	-264.83	-41.72	250.48
1144	37	1440	15.47	13.77	-9.48	5.92	-1.62	10.99	397.64	-708.98	-195.17	-116.17	551.90
		1439	14.22	19.14	-6.08	14.65	-1.59	9.64	375.03	-648.03	-157.12	-115.88	511.12
		1428	7.19	45.39	-0.14	45.20	0.05	-2.96	86.64	-321.82	-204.00	-31.18	185.05
		1410	7.68	32.65	-0.19	32.58	-0.12	-1.52	102.71	-380.75	-241.85	-36.19	218.77
1145	8	1419	13.38	0.16	-64.42	-64.35	0.09	2.13	178.86	-629.77	-451.10	0.18	335.50
		1420	14.41	-0.05	-90.87	-90.81	-0.10	2.19	198.86	-630.08	-422.54	-8.67	359.11
		1442	25.25	7.32	-46.87	-39.82	0.27	18.23	650.48	-1114.13	-405.94	-57.71	864.95
		1434	24.52	8.26	-41.14	-32.61	-0.27	18.67	608.19	-1100.76	-433.23	-59.34	833.77
1145	32	1419	9.96	0.12	-47.08	-47.03	0.07	1.56	131.38	-471.33	-340.16	0.21	248.70
		1420	10.68	-0.03	-66.49	-66.45	-0.07	1.60	146.41	-469.70	-316.98	-6.31	266.02
		1442	18.70	5.38	-34.34	-29.17	0.20	13.37	480.23	-827.54	-304.73	-42.59	640.61
		1434	18.18	6.06	-30.14	-23.87	-0.20	13.70	448.15	-818.95	-326.90	-43.91	617.55
1145	37	1419	8.79	0.12	-39.59	-39.55	0.07	1.34	112.16	-422.01	-310.19	0.34	217.32
		1420	9.36	-0.01	-56.12	-56.09	-0.04	1.35	125.57	-416.95	-286.11	-5.27	232.09
		1442	16.32	4.61	-29.14	-24.71	0.17	11.40	415.07	-727.42	-275.52	-36.84	558.64
		1434	15.89	5.18	-25.55	-20.18	-0.18	11.66	385.69	-722.47	-298.57	-38.21	538.57
1146	8	1422	19.79	67.02	-117.54	-106.08	55.56	-44.54	340.96	-973.14	-633.71	1.53	575.18
		1423	23.37	-89.23	-325.76	-316.57	-98.42	45.72	677.24	-256.29	-249.40	670.34	79.94
		1448	45.20	34.01	-83.42	9.78	-59.20	47.52	1097.36	-2053.06	-841.05	-114.65	1532.77
		1443	29.90	-18.12	-97.74	-87.27	-28.59	26.90	904.71	-1140.07	-388.63	153.26	985.83
1146	32	1422	14.55	49.31	-86.05	-77.63	40.89	-32.68	253.87	-716.33	-463.12	0.66	426.09
		1423	16.92	-65.62	-239.02	-232.22	-72.42	33.65	502.32	-168.66	-163.46	497.12	58.81
		1448	33.32	25.05	-61.17	7.25	-43.37	34.89	815.11	-1508.41	-606.66	-86.65	1132.29
		1443	22.05	-13.34	-71.79	-64.07	-21.06	19.79	671.98	-836.93	-283.38	118.43	727.21
1146	37	1422	12.48	42.35	-72.84	-65.66	35.17	-27.84	223.81	-616.26	-393.03	0.58	371.08
		1423	14.00	-56.28	-203.86	-197.96	-62.18	28.91	437.85	-108.45	-103.56	432.96	51.49
		1448	28.76	21.73	-52.13	6.44	-36.84	29.92	714.93	-1291.57	-498.17	-78.47	981.06
		1443	19.04	-11.45	-61.40	-54.70	-18.16	17.03	588.76	-716.75	-240.05	112.06	628.56
1147	8	1434	21.26	8.38	-40.62	-32.23	-0.01	18.46	481.21	-971.70	-148.50	-71.99	705.49
		1442	21.80	7.32	-46.72	-39.60	0.20	18.28	511.45	-980.45	-391.90	-77.10	729.16
		1440	20.44	22.43	-14.79	7.37	0.26	18.27	490.52	-949.64	-399.22	-59.91	699.80
		1436	21.42	18.21	-18.55	-0.15	-0.19	18.38	510.56	-995.22	-420.38	-64.28	731.53
1147	32	1434	15.76	6.16	-29.75	-23.59	-5.24e-03	13.54	354.18	-723.47	-315.98	-53.31	522.57
		1442	16.15	5.38	-34.23	-29.00	0.15	13.41	377.22	-728.54	-294.37	-56.96	539.99
		1440	15.15	16.42	-10.88	5.36	0.19	13.40	361.44	-705.90	-300.18	-44.29	518.10
		1436	15.88	13.33	-13.64	-0.17	-0.14	13.48	375.69	-740.68	-317.40	-47.59	541.63
1147	37	1434	13.79	5.28	-25.21	-19.93	0.01	11.53	303.94	-639.45	-289.04	-46.46	455.83
		1442	14.10	4.63	-29.03	-24.55	0.15	11.43	325.19	-641.13	-266.55	-49.39	470.81
		1440	13.22	13.90	-9.35	4.41	0.14	11.43	310.92	-621.76	-272.37	-38.46	451.44
		1436	13.88	11.26	-11.71	-0.30	-0.14	11.48	322.25	-654.06	-290.35	-41.46	472.03
1148	8	1433	13.26	62.03	31.80	61.79	32.05	2.70	-221.08	-910.23	-221.39	-909.93	14.57
		1444	32.88	37.11	-81.04	-56.45	12.52	47.97	1334.91	-1065.81	-898.04	-628.94	926.25
		1426	58.02	246.61	16.67	241.93	21.36	32.50	1158.13	-2835.35	643.97	-2321.19	-1337.51
		1408	23.42	119.18	-15.06	118.22	-14.10	11.27	1497.22	110.90	372.89	1235.23	542.74
1148	32	1433	9.73	45.41	23.18	45.23	23.36	1.99	-157.07	-667.60	-157.45	-667.21	14.05
		1444	24.26	27.15	-59.22	-41.24	9.17	35.07	988.66	-783.70	666.47	-461.51	683.54
		1426	42.66	180.58	12.02	177.17	15.43	23.72	858.15	-2078.22	483.10	-1703.17	-980.11
		1408	17.16	87.44	-10.91	86.73	-10.20	8.29	1100.78	84.74	278.91	906.60	399.48
1148	37	1433	8.29	38.51	19.50	38.35	19.65	1.72	-124.65	-568.41	-125.50	-567.56	19.41
		1444	20.96	22.98	-50.06	-34.85	7.77	29.66	860.84	-672.14	582.52	-393.83	590.93
		1426	36.52	153.17	9.94	150.32	12.79	20.00	748.15	-1765.62	433.22	-1450.69	-832.16
		1408	14.60	74.40	-9.09	73.79	-8.49	7.09	942.04	77.80	247.03	772.80	342.95
1149	8	1437	18.14	38.78	-4.55	36.91	-2.68	8.80	408.86	-861.18	46.50	-498.82	573.50
		1433	16.44	47.61	-0.95	47.21	-0.55	4.35	465.77	-667.83	275.55	-477.61	423.62
		1408	10.94	133.78	6.94	132.70	8.01	-11.63	188.09	-206.84	155.25	-174.01	-109.04
		1427	9.61	109.38	-3.73	107.63	-1.98	-13.95	249.36	-222.28	-27.94	55.01	232.14
1149	32	1437	13.43	28.42	-3.38	27.03	-1.99	6.50	305.30	-635.49	37.06	-367.26	424.74
		1433	12.17	34.89	-0.71	34.60	-0.42	3.20	348.64	-491.75	208.22	-351.33	313.51
		1408	8.11	98.09	5.05	97.30	5.84	-8.54	143.09	-151.40	119.53	-127.84	-79.89
		1427	7.04	80.17	-2.71	78.89	-1.44	-10.21	184.64	-162.93	-18.35	40.07	171.31
1149	37	1437	11.69	24.15	-2.99	22.92	-1.76	5.64	270.36	-550.25	35.89	-315.79	370.71
		1433	10.60	29.63	-0.65	29.38	-0.40	2.77	310.42	-423.57	188.36	-301.51	273.30
		1408	7.04	83.37	4.24	82.70	4.92	-7.29	131.00	-128.22	112.02	-109.24	-67.53
		1427	6.00	68.06	-2.29	66.98	-1.21	-8.64	160.39	-139.93	-12.99	33.45	148.35
1150	7	1449	24.40	2.73	-19.06	-4.75	-11.58	-10.35	458.92	-1299.26	-264.66	-575.68	865.22
		1430	41.95	63.17	-75.57	21.15	-33.55	-63.75	971.02	-1837.22	-121.18	-745.01	1369.04
		1444	31.72	79.96	-45.66	-34.64	68.95	-35.53	67.02	-1730.01	-74.19	-1588.80	483.54
		1433	18.51	55.90	-3.94	49.27	2.68	18.78	601.76	-641.37	228.44	-268.05	569.84
1150	31	1449	18.03	1.91	-13.99	-3.52	-8.57	-7.54	347.19	-954.66	-186.87	-420.60	640.35

		1430	30.80	46.12	-55.46	15.43	-24.78	-46.64	720.70	-1344.12	-79.47	-543.95	1005.95
		1444	23.33	58.34	-33.37	-25.27	50.24	-26.03	58.67	-1269.17	-47.51	-1162.98	360.17
		1433	13.71	40.96	-2.91	36.08	1.96	13.79	449.75	-472.11	173.86	-196.21	422.16
1150	37	1449	15.76	1.30	-11.94	-3.09	-7.54	-6.23	329.34	-817.31	-135.61	-352.35	562.99
		1430	26.30	38.51	-47.26	12.86	-21.62	-39.27	640.24	-1132.02	-37.29	-454.49	861.23
		1444	20.06	48.59	-27.99	-21.03	41.62	-22.02	80.65	-1080.20	-18.19	-981.35	324.00
		1433	12.09	34.70	-2.55	30.51	1.64	11.77	409.41	-406.88	168.10	-165.57	372.49
1151	8	1443	26.74	12.13	-58.17	-57.24	11.20	8.03	652.37	-1200.37	-726.67	178.68	808.23
		1448	31.30	-12.42	-121.47	-21.56	-112.32	30.23	1032.29	-1303.31	-755.13	484.11	989.86
		1430	40.22	70.21	-73.05	44.76	-47.60	-54.75	867.61	-1753.14	-745.70	-139.83	1274.88
		1449	25.28	2.99	-32.23	0.10	-29.34	9.66	678.81	-1185.68	-410.61	-96.26	918.90
1151	32	1443	19.78	8.96	-42.67	-41.99	8.27	5.91	485.85	-886.33	-533.80	133.32	599.55
		1448	22.91	-9.14	-89.26	-15.88	-82.52	22.24	766.95	-942.88	-537.94	362.01	726.91
		1430	29.58	51.36	-53.60	32.78	-35.02	-40.06	643.74	-1285.98	-542.36	-99.87	939.15
		1449	18.63	2.16	-23.72	0.01	-21.58	7.14	506.39	-868.23	-295.07	-66.77	677.77
1151	37	1443	17.19	7.81	-36.37	-35.76	7.20	5.14	427.96	-767.88	-458.01	118.09	523.97
		1448	19.47	-7.75	-76.43	-13.58	-70.60	19.15	672.66	-780.72	-429.59	321.52	622.12
		1430	25.36	43.52	-45.68	27.86	-30.02	-33.94	562.83	-1097.07	-454.07	-80.17	808.62
		1449	16.05	1.81	-20.42	-0.11	-18.49	6.25	447.65	-738.26	-241.15	-49.46	585.15
1152	8	1421	16.47	6.16	-114.81	-114.72	6.07	-3.27	295.96	-687.71	-399.34	7.59	447.78
		1422	18.02	-9.11	-145.34	-145.30	-9.16	-2.35	428.59	-636.05	-346.05	138.59	473.96
		1443	30.78	5.80	-60.14	-52.09	-2.25	21.58	842.73	-1344.92	-243.79	-258.40	1093.80
		1441	25.32	5.75	-47.05	-39.93	-1.38	18.04	694.30	-1084.91	-369.89	-20.71	872.31
1152	32	1421	12.17	4.54	-84.06	-84.00	4.47	-2.39	219.16	-509.30	-296.02	5.89	331.48
		1422	13.23	-6.70	-106.47	-106.44	-6.73	-1.73	318.74	-466.29	-250.11	102.56	350.67
		1443	22.72	4.28	-44.13	-38.22	-1.63	15.85	626.13	-989.90	-174.68	-189.08	807.98
		1441	18.74	4.23	-34.52	-29.27	-1.01	13.25	514.09	-803.43	-274.83	-14.52	645.78
1152	37	1421	10.56	3.91	-71.15	-71.10	3.86	-2.01	190.52	-445.23	-260.44	5.74	288.67
		1422	11.32	-5.74	-90.32	-90.30	-5.77	-1.47	279.99	-398.64	-207.75	89.09	305.13
		1443	19.65	3.73	-37.63	-32.54	-1.37	13.59	549.00	-851.81	-142.45	-160.35	700.35
		1441	16.32	3.65	-29.41	-24.88	-0.88	11.37	447.22	-701.48	-243.14	-11.12	562.51
1153	22	1423	59.32	-260.20	-328.53	-294.98	-293.75	-34.16	-201.05	-3568.63	-1453.07	-2316.60	1627.49
		1405	87.17	330.66	-324.21	-311.62	318.06	89.95	5773.22	1277.02	2545.05	4505.19	-2023.22
		1424	54.66	321.33	49.13	155.93	214.53	-132.90	491.86	-2418.84	-1055.36	-871.62	1452.45
		1448	28.83	-2.05	-143.03	-2.98	-142.10	11.38	1747.78	-204.06	869.97	673.76	970.98
1153	36	1423	44.38	-192.52	-243.34	-218.40	-217.46	-25.41	-144.30	-2673.32	-1086.81	-1730.80	1222.83
		1405	65.33	244.68	-240.12	-230.75	235.32	66.73	4368.41	974.70	1972.59	3370.52	-1546.21
		1424	40.90	237.84	36.27	115.40	158.71	-98.43	356.19	-1825.67	-818.91	-650.57	1087.68
		1448	21.21	-1.57	-105.93	-2.26	-105.23	8.48	1302.21	-119.96	670.07	512.18	706.69
1153	37	1423	38.52	-181.64	-227.43	-204.60	-204.47	-22.89	-155.08	-2290.89	-952.09	-1493.88	1032.97
		1405	56.02	230.70	-224.52	-216.08	222.26	61.40	3484.71	723.42	1322.06	2886.07	-1137.83
		1424	35.95	223.58	35.25	108.82	150.01	-91.88	380.09	-1516.25	-545.67	-590.49	947.91
		1448	21.10	-0.80	-99.12	-1.40	-98.52	7.65	1176.63	-319.16	466.33	391.14	746.95
1154	8	1439	22.17	32.05	-9.45	22.58	0.03	17.42	595.36	-996.12	-330.78	-69.98	784.98
		1438	20.44	36.44	-7.78	30.03	-1.37	15.57	548.19	-916.41	-232.39	-135.84	730.71
		1409	10.42	93.27	0.34	93.27	0.35	0.89	144.00	-387.62	-256.78	13.16	229.00
		1428	11.13	73.31	-0.09	73.31	-0.08	0.61	137.94	-486.99	-349.59	0.54	258.82
1154	32	1439	16.41	23.48	-6.96	16.50	0.02	12.80	439.82	-738.80	-247.36	-51.62	581.13
		1438	15.12	26.70	-5.73	21.97	-1.00	11.45	406.04	-678.22	-172.17	-100.01	540.93
		1409	7.69	68.30	0.25	68.29	0.25	0.65	106.56	-287.10	-190.30	9.77	169.52
		1428	8.25	53.62	-0.07	53.62	-0.07	0.46	101.43	-362.52	-261.54	0.46	191.45
1154	37	1439	14.30	19.92	-6.00	13.89	0.03	10.95	380.66	-647.41	-222.15	-44.61	506.31
		1438	13.16	22.67	-4.95	18.56	-0.85	9.83	353.39	-591.42	-152.00	-86.04	471.25
		1409	6.65	57.81	0.20	57.81	0.20	0.55	92.36	-251.72	-167.93	8.57	147.68
		1428	7.21	45.23	-0.07	45.22	-0.07	0.41	86.68	-321.16	-235.00	0.52	166.48
1155	8	1415	8.83	11.04	2.59	9.87	3.76	-2.91	-4.34	-576.93	-106.63	-474.64	219.34
		1445	11.81	-0.91	-16.37	-9.93	-7.34	7.62	132.59	-661.76	-222.74	-306.43	394.96
		1446	26.57	7.76	-27.00	0.55	-19.78	14.10	473.72	-1379.83	-62.96	-843.15	840.68
		1414	23.00	-4.51	-16.35	-15.33	-5.52	3.31	211.92	-1406.29	202.83	-1397.20	120.97
1155	32	1415	6.54	8.10	1.93	7.24	2.79	-2.14	-1.88	-426.85	-77.78	-350.95	162.78
		1445	8.78	-0.69	-11.93	-7.26	-5.36	5.54	98.58	-492.55	-167.50	-226.47	294.09
		1446	19.65	5.64	-19.75	0.42	-14.52	10.27	349.73	-1021.75	-51.03	-621.00	623.72
		1414	16.94	-3.17	-11.97	-11.25	-3.89	2.41	156.30	-1035.15	149.20	-1028.04	91.74
1155	37	1415	5.71	6.93	1.74	6.17	2.50	-1.83	1.18	-371.30	-65.31	-304.81	142.63
		1445	7.72	-0.67	-9.91	-6.11	-4.48	4.55	86.79	-434.72	-151.47	-196.47	259.78
		1446	17.07	4.66	-16.65	0.41	-12.40	8.52	302.68	-890.72	-53.83	-534.21	546.23
		1414	14.58	-2.28	-10.13	-9.60	-2.81	1.98	134.98	-889.23	127.95	-882.20	84.55
1156	7	1448	49.20	34.30	-181.89	-16.43	-131.16	-91.62	1300.81	-1897.42	-109.71	-486.90	1587.96
		1424	24.45	221.24	-29.86	-28.20	219.59	-20.31	710.48	-722.16	74.19	-85.87	711.84
		1406	27.50	49.97	-13.24	11.01	25.72	-30.74	225.68	-1547.55	23.52	-1345.38	563.57
		1430	46.33	86.02	-76.66	-3.12	12.47	-80.97	1069.44	-1945.84	229.89	-1106.29	1351.53
1156	31	1448	36.11	25.04	-133.45	-12.19	-96.22	-67.19	964.16	-1384.80	-69.28	-351.36	1165.98
		1424	17.59	161.64	-22.04	-20.86	160.46	-14.71	525.27	-499.16	73.02	-46.90	508.69
		1406	20.12	36.58	-9.80	8.16	18.62	-22.59	161.44	-1134.57	9.98	-983.11	416.36
		1430	33.94	62.75	-56.22	-2.31	8.84	-59.22	794.23	-1418.02	182.78	-806.56	989.35
1156	37	1448	30.81	20.93	-113.60	-10.80	-81.87	-57.11	852.26	-1155.40	-22.93	-280.21	995.55
		1424	13.88	135.42	-19.22	-18.30	134.50	-11.91	460.20	-326.39	121.92	11.89	389.42

		1406	16.98	30.88	-8.63	7.22	15.03	-19.36	124.56	-963.56	-14.90	-824.10	363.72
		1430	28.75	52.25	-47.78	-2.05	6.52	-49.83	707.18	-1176.41	200.97	-670.19	835.01
1157	8	1438	20.33	36.65	-6.88	28.98	0.79	16.58	543.43	-913.98	-288.02	-82.53	721.43
		1437	18.82	36.62	-8.11	30.05	-1.54	15.84	499.93	-826.27	-116.09	-210.25	661.43
		1427	8.38	111.93	1.28	111.74	1.47	4.59	123.83	-233.15	-118.99	9.67	166.50
		1409	10.60	93.43	-0.73	93.19	-0.49	4.76	153.97	-389.01	-278.44	43.40	218.66
1157	32	1438	15.05	26.86	-5.08	21.20	0.58	12.19	402.61	-676.47	-213.29	-60.56	534.11
		1437	13.92	26.84	-5.98	21.99	-1.13	11.65	372.17	-609.80	-83.42	-154.21	489.70
		1427	6.15	82.04	0.93	81.89	1.07	3.37	92.82	-171.24	-85.68	7.26	123.58
		1409	7.81	68.42	-0.54	68.24	-0.36	3.50	113.80	-287.99	-206.27	32.08	161.73
1157	37	1438	13.10	22.81	-4.41	17.90	0.50	10.47	350.60	-589.96	-187.69	-51.67	465.33
		1437	12.11	22.81	-5.17	18.61	-0.96	10.00	327.47	-528.24	-69.36	-131.41	426.73
		1427	5.25	69.63	0.78	69.51	0.90	2.86	82.65	-147.58	-71.50	6.57	108.30
		1409	6.76	57.91	-0.47	57.76	-0.31	2.98	98.39	-252.25	-181.72	27.85	140.56
1158	8	1432	17.19	8.57	-25.58	-15.26	-1.75	15.68	348.03	-830.51	-282.45	-200.02	587.83
		1431	20.55	8.99	-35.11	-25.41	-0.72	18.27	450.77	-956.75	-396.86	-109.12	688.90
		1447	21.53	14.21	-22.48	-8.39	0.11	17.85	520.00	-990.24	-378.91	-91.32	741.30
		1435	22.15	9.59	-30.15	-16.08	-4.48	19.01	491.65	-1048.55	-265.84	-291.06	770.00
1158	32	1432	12.75	6.27	-18.71	-11.15	-1.28	11.47	255.69	-618.58	-215.22	-147.67	435.83
		1431	15.24	6.59	-25.70	-18.59	-0.52	13.38	331.37	-712.56	-300.56	-80.64	510.25
		1447	15.96	10.38	-16.51	-6.20	0.07	13.07	382.32	-737.46	-287.49	-67.65	548.99
		1435	16.40	7.00	-22.12	-11.83	-3.30	13.92	361.31	-779.09	-203.09	-214.69	570.17
1158	37	1432	11.16	5.30	-15.76	-9.36	-1.09	9.68	218.59	-546.97	-200.61	-127.77	381.04
		1431	13.32	5.60	-21.71	-15.68	-0.43	11.33	283.62	-630.12	-276.57	-69.93	445.03
		1447	13.95	8.72	-14.11	-5.43	0.04	11.08	327.39	-652.06	-265.66	-59.01	478.70
		1435	14.29	5.85	-18.84	-10.16	-2.84	11.79	309.10	-684.88	-190.42	-185.35	496.98
1159	8	1443	25.48	-12.10	-50.37	-22.09	-40.38	16.81	654.80	-1157.38	558.65	-1061.22	406.21
		1449	26.62	2.23	-16.76	-9.82	-4.71	-9.15	729.54	-1273.01	717.90	-1261.37	152.22
		1433	15.61	44.92	11.08	40.53	15.47	-11.37	303.57	-788.44	294.09	-778.96	-101.26
		1437	18.06	36.89	-7.41	34.87	-5.39	-9.24	486.88	-790.33	445.63	-749.07	225.81
1159	32	1443	18.81	-8.86	-36.97	-16.19	-29.65	12.34	487.26	-851.73	416.61	-781.08	299.35
		1449	19.63	1.57	-12.31	-7.19	-3.55	-6.69	543.17	-934.81	534.85	-926.49	110.54
		1433	11.56	32.92	8.06	29.69	11.28	-8.35	229.24	-580.21	222.29	-573.27	-74.63
		1437	13.36	27.04	-5.46	25.58	-4.00	-6.73	362.20	-583.01	331.85	-552.66	166.63
1159	37	1443	16.28	-7.49	-31.56	-13.69	-25.35	10.53	428.43	-732.75	367.62	-671.94	258.68
		1449	16.94	1.20	-10.49	-6.04	-3.25	-5.68	478.14	-799.70	471.37	-792.93	92.73
		1433	10.05	27.95	6.72	25.21	9.46	-7.12	207.62	-498.54	201.88	-492.79	-63.46
		1437	11.61	22.98	-4.74	21.79	-3.55	-5.63	317.98	-504.40	291.62	-478.04	144.86
1160	8	1420	14.32	0.65	-90.82	-89.84	-0.33	9.45	194.42	-633.00	-350.74	-87.84	392.27
		1421	16.07	-1.06	-116.22	-115.01	-2.27	11.73	298.47	-655.57	-271.89	-85.21	467.80
		1441	26.09	8.91	-46.00	-34.33	-2.76	22.46	695.02	-1138.87	-177.27	-266.57	915.86
		1442	25.16	6.99	-47.80	-37.46	-3.35	21.44	646.90	-1106.56	-285.12	-174.54	874.98
1160	32	1420	10.63	0.48	-66.46	-65.73	-0.24	6.92	143.16	-471.94	-263.76	-65.02	291.06
		1421	11.87	-0.77	-85.10	-84.21	-1.66	8.58	220.95	-485.57	-201.67	-62.94	346.38
		1441	19.30	6.55	-33.74	-25.17	-2.02	16.49	514.55	-843.04	-131.91	-196.59	678.02
		1442	18.64	5.14	-35.03	-27.43	-2.46	15.73	477.57	-822.01	-125.27	-129.17	648.36
1160	37	1420	9.31	0.43	-56.10	-55.48	-0.19	5.87	122.80	-419.03	-239.60	-56.63	255.01
		1421	10.30	-0.65	-72.03	-71.28	-1.39	7.26	191.91	-424.73	-178.24	-54.58	302.05
		1441	16.80	5.63	-28.72	-21.37	-1.73	14.09	447.50	-735.31	-118.00	-169.80	590.84
		1442	16.27	4.41	-29.74	-23.22	-2.10	13.42	412.74	-722.76	-197.54	-112.47	566.15
1161	8	1435	25.60	11.07	-29.37	-17.52	-0.78	18.41	689.84	-1131.75	-295.46	-146.44	907.74
		1447	25.81	13.88	-23.03	-9.61	0.46	17.75	657.84	-1180.79	-449.81	-73.13	899.82
		1411	12.13	11.97	0.05	11.71	0.31	1.75	227.42	-653.54	-470.01	43.90	357.76
		1412	13.16	-0.69	-18.31	-18.14	-0.86	1.73	234.55	-702.81	-361.90	-106.36	450.92
1161	32	1435	18.96	8.09	-21.55	-12.88	-0.58	13.48	507.86	-841.49	-225.37	-108.25	672.13
		1447	19.12	10.14	-16.90	-7.09	0.33	13.00	484.20	-877.82	-339.74	-53.88	665.84
		1411	9.05	8.62	0.03	8.43	0.22	1.28	166.71	-489.62	-355.10	32.18	264.94
		1412	9.78	-0.50	-13.56	-13.43	-0.63	1.28	171.46	-523.68	-274.27	-77.95	333.42
1161	37	1435	16.53	6.80	-18.37	-11.06	-0.51	11.43	436.42	-740.95	-210.59	-93.95	585.79
		1447	16.67	8.53	-14.41	-6.16	0.28	11.01	415.78	-772.83	-310.69	-46.37	579.42
		1411	8.02	6.86	-4.00e-03	6.69	0.17	1.07	141.72	-439.31	-324.96	27.37	231.01
		1412	8.59	-0.43	-11.93	-11.83	-0.54	1.11	144.83	-463.65	-252.56	-66.26	289.63
1162	7	1414	15.22	116.22	1.64	101.48	16.38	-38.36	-721.24	-870.79	-727.68	-864.35	-30.36
		1446	56.97	7.77	-106.87	-46.72	-52.38	57.25	834.01	-2956.27	-314.43	-1807.83	1741.83
		1413	66.33	47.75	-44.85	-40.38	43.28	-19.85	4225.70	60.92	90.98	4195.63	-352.58
		1345	159.85	-34.34	-262.51	-197.23	-99.62	103.12	1964.49	-9249.05	1059.75	-8344.32	3053.98
1162	31	1414	11.22	85.34	1.35	74.48	12.21	-28.17	-529.78	-643.51	-532.21	-641.08	-16.43
		1446	42.01	5.65	-78.25	-34.18	-38.42	41.90	616.97	-2180.07	-236.23	-1326.87	1287.82
		1413	48.67	34.73	-33.04	-29.80	31.49	-14.46	3096.86	35.75	56.81	3075.80	-253.02
		1345	117.24	-25.01	-192.33	-144.69	-72.65	75.51	1440.92	-6784.78	774.19	-6118.05	2244.95
1162	37	1414	9.76	72.87	1.63	63.51	11.00	-24.07	-447.45	-568.23	-447.65	-568.03	4.84
		1446	36.44	4.66	-66.11	-28.76	-32.69	35.33	541.73	-1891.82	-218.94	-1131.14	1128.06
		1413	41.45	28.60	-28.56	-25.92	25.96	-12.00	2625.34	1.44	16.34	2610.44	-197.17
		1345	99.69	-20.68	-162.86	-123.12	-60.41	63.80	1225.43	-5772.25	648.35	-5195.17	1924.90
1163	8	1441	21.53	10.71	-44.39	-39.81	6.13	15.21	518.49	-966.18	-409.82	-37.87	718.66
		1443	24.84	-4.57	-56.22	-47.39	-13.40	19.44	671.43	-1073.85	-212.37	-190.05	872.56
		1437	17.24	36.88	-3.83	32.12	0.93	13.08	405.63	-812.83	-163.79	-243.42	607.93

		1438	18.42	37.41	-11.92	25.56	-0.07	21.07	474.53	-814.90	-325.89	-14.48	625.63
1163	32	1441	15.94	7.88	-32.56	-29.19	4.51	11.18	383.85	-715.69	-304.28	-27.55	532.07
		1443	18.32	-3.33	-41.27	-34.77	-9.83	14.30	499.48	-789.51	-152.07	-137.97	644.46
		1437	12.76	27.02	-2.84	23.51	0.67	9.62	302.39	-599.83	-119.05	-178.38	450.14
		1438	13.62	27.42	-8.78	18.68	-0.04	15.48	351.61	-602.88	-241.24	-10.04	463.04
1163	37	1441	13.88	6.80	-27.72	-24.80	3.89	9.59	333.64	-625.27	-268.59	-23.04	463.47
		1443	15.84	-2.77	-35.22	-29.59	-8.40	12.28	438.89	-677.92	-124.05	-114.98	558.39
		1437	11.09	22.95	-2.51	19.90	0.54	8.27	266.66	-519.34	-101.00	-151.67	392.18
		1438	11.85	23.28	-7.58	15.73	-0.03	13.26	306.15	-525.45	-211.88	-7.42	403.04
1164	8	1442	21.95	7.44	-46.83	-33.06	-6.33	23.61	517.72	-985.25	-156.84	-310.68	747.54
		1441	21.42	8.60	-44.51	-28.55	-7.35	24.35	526.68	-947.61	-38.00	-382.93	716.68
		1439	19.17	31.12	-8.90	26.83	-4.60	12.38	477.98	-887.43	-120.78	-288.68	677.52
		1440	20.51	22.60	-15.59	12.70	-5.69	16.73	492.50	-949.33	-166.93	-289.90	718.29
1164	32	1442	16.26	5.48	-34.31	-24.20	-4.64	17.32	381.91	-732.13	-120.13	-230.09	554.30
		1441	15.85	6.33	-32.64	-20.92	-5.39	17.87	389.80	-701.59	-28.99	-282.81	530.73
		1439	14.20	22.79	-6.55	19.62	-3.38	9.11	352.99	-658.40	-91.87	-213.54	502.02
		1440	15.19	16.55	-11.47	9.27	-4.19	12.29	362.89	-705.64	-128.09	-214.66	532.51
1164	37	1442	14.20	4.73	-29.12	-20.46	-3.93	14.77	329.37	-644.33	-114.27	-200.68	484.93
		1441	13.79	5.44	-27.78	-17.73	-4.60	15.26	338.56	-612.35	-28.67	-245.12	462.97
		1439	12.37	19.31	-5.66	16.56	-2.91	7.82	305.13	-577.48	-86.61	-185.73	438.51
		1440	13.26	14.03	-9.87	7.75	-3.59	10.52	312.16	-621.46	-122.16	-187.15	465.68
1165	8	1439	19.15	31.89	-8.87	-2.01	25.04	15.24	472.32	-889.44	-888.17	471.05	41.53
		1441	21.49	6.68	-46.42	-43.19	3.45	-12.69	532.17	-950.12	-937.52	519.58	136.06
		1438	18.31	37.72	-8.32	2.02	27.38	19.21	455.36	-834.19	-823.24	444.41	118.33
1165	32	1439	14.18	23.36	-6.54	-1.54	18.36	11.16	348.87	-659.85	-658.99	348.01	29.44
		1441	15.90	4.93	-34.04	-31.68	2.57	-9.31	393.91	-703.43	-694.26	384.74	99.91
		1438	13.55	27.63	-6.13	1.42	20.08	14.07	337.45	-617.30	-609.27	329.42	87.20
1165	37	1439	12.36	19.81	-5.69	-1.50	15.62	9.44	301.68	-578.68	-578.11	301.12	22.22
		1441	13.83	4.31	-28.97	-26.97	2.31	-7.91	342.22	-613.91	-606.37	334.68	84.59
		1438	11.79	23.43	-5.31	1.05	17.07	11.93	293.89	-538.21	-531.52	287.20	74.32
1166	22	1461	3.49	0.67	-2.88	-2.81	0.60	0.49	195.54	-49.33	-45.10	191.31	31.91
		1476	2.61	7.63	-0.28	3.41	3.94	-3.94	151.50	-24.03	-3.69	131.17	56.18
		1502	15.03	15.44	-6.64	-0.65	9.44	-9.82	867.42	-193.21	-183.42	857.62	101.47
		1475	12.48	14.27	3.77	3.85	14.19	-0.91	854.07	147.80	149.69	852.18	36.48
1166	36	1461	2.64	0.53	-2.13	-2.08	0.48	0.37	147.93	-36.62	-33.62	144.92	23.35
		1476	1.94	5.71	-0.23	2.53	2.96	-2.96	113.73	-16.25	-1.97	99.45	40.65
		1502	11.30	11.53	-4.94	-0.47	7.07	-7.32	652.85	-143.23	-136.49	646.10	72.99
		1475	9.40	10.68	2.78	2.84	10.63	-0.68	643.00	110.17	111.54	641.64	26.94
1166	37	1461	2.30	0.47	-2.02	-1.97	0.41	0.37	129.25	-31.23	-28.53	126.54	20.66
		1476	1.75	5.31	-0.17	2.38	2.76	-2.74	100.19	-17.33	-3.90	86.76	37.39
		1502	9.94	10.65	-4.53	-0.50	6.61	-6.70	571.91	-128.15	-121.56	565.33	67.57
		1475	8.24	9.75	2.65	2.71	9.69	-0.65	561.94	95.19	96.59	560.53	25.59
1167	22	1475	21.43	2.90	-20.91	-18.79	0.78	6.79	774.83	-795.38	-712.26	691.71	351.57
		1502	19.18	31.19	3.36	10.67	23.89	-12.25	1353.25	490.39	875.01	968.64	-428.88
		1503	35.64	36.92	-33.17	15.77	-12.03	-32.17	1558.17	-1008.89	-948.51	1497.79	389.05
		1474	58.17	90.09	22.86	29.43	83.51	-19.98	4021.36	1066.75	1466.90	3621.21	-1011.02
1167	36	1475	16.05	2.29	-15.47	-13.89	0.71	5.05	583.69	-593.02	-531.60	522.27	261.73
		1502	14.43	23.22	2.40	7.85	17.77	-9.15	1018.29	366.29	656.58	728.00	-324.04
		1503	26.72	27.42	-24.42	11.75	-8.75	-23.81	1172.58	-754.10	-710.49	1128.97	286.57
		1474	43.65	66.91	16.91	21.78	62.04	-14.82	3018.78	797.03	1095.28	2720.52	-757.42
1167	37	1475	14.02	2.00	-14.87	-13.30	0.44	4.90	510.99	-512.10	-458.45	457.34	228.05
		1502	12.56	21.86	2.23	7.41	16.68	-8.65	881.34	322.74	568.98	635.10	-277.34
		1503	23.55	25.15	-22.26	10.83	-7.93	-21.77	1029.11	-664.43	-624.68	989.36	256.40
		1474	38.22	62.10	16.15	20.96	57.28	-14.07	2631.18	692.99	947.34	2376.83	-654.44
1168	22	1474	205.47	111.77	92.24	109.76	94.25	5.94	871.88-1.311e+04	-7524.91	-4709.21	6845.67	
		1503	196.07	52.64	-8.90	48.68	-4.94	-15.09	1.345e+04	899.50	4296.50	1.005e+04	-5576.51
		1501	204.25	-23.16	-115.10	-82.15	-56.11	44.08	247.49-1.334e+04	-440.37-1.265e+04		2978.39	
		48	638.58	104.26	-124.62	-123.52	103.17	-15.78	4.390e+04	3440.94	1.501e+04	3.233e+04	-
1.828e+04													
1168	36	1474	153.92	83.04	68.60	81.52	70.11	4.43	662.08	-9813.86	-5623.37	-3528.40	5132.16
		1503	147.31	39.16	-6.63	36.15	-3.62	-11.34	1.010e+04	669.21	3221.63	7550.53	-4190.95
		1501	153.37	-16.99	-85.62	-61.05	-41.57	32.90	181.52-1.002e+04	-8770.71	-332.79	-9503.89	2231.87
		48	479.40	77.57	-92.59	-91.77	76.75	-11.80	3.295e+04	2562.01	1.122e+04	2.429e+04	-
1.372e+04													
1168	37	1474	133.98	76.09	61.48	73.63	63.95	5.47	592.60	-8538.07	-4864.94	-3080.53	4477.30
		1503	128.55	36.20	-5.53	33.01	-2.35	-11.08	8812.48	589.12	2803.85	6597.76	-3647.94
		1501	134.19	-13.66	-77.22	-53.97	-36.91	30.61	138.06	-8770.71	-315.60	-8317.04	1958.52
		48	418.85	71.63	-82.42	-81.39	70.60	-12.56	2.876e+04	2207.71	9720.96	2.124e+04	-
1.196e+04													
1169	8	1476	5.29	4.91	-1.63	0.28	3.00	-2.97	161.08	-237.32	-193.25	117.01	124.95
		1463	7.96	10.56	-2.91	5.03	2.62	-6.63	195.52	-387.11	-382.86	191.27	49.59
		1504	13.09	16.02	-7.44	9.14	-0.56	-10.68	546.03	-406.08	-385.80	525.76	137.45
		1502	12.20	19.80	-3.77	6.10	9.92	-11.63	831.66	112.75	113.80	830.60	-27.56
1169	36	1476	3.91	3.70	-1.20	0.29	2.22	-2.25	126.59	-169.02	-141.07	98.64	86.49
		1463	5.84	7.51	-2.16	3.55	1.80	-4.76	154.45	-276.75	-275.12	152.81	26.52
		1504	9.78	11.01	-5.35	6.10	-0.44	-7.50	428.82	-285.94	-275.57	418.45	85.46
		1502	9.73	13.77	-2.74	4.06	6.96	-8.13	666.24	96.35	99.61	662.98	-42.93

1169	37	1476	3.46	3.37	-1.07	0.24	2.05	-2.03	111.51	-150.12	-125.17	86.56	76.85
		1463	5.19	7.02	-1.96	3.30	1.75	-4.42	135.89	-246.60	-245.08	134.38	24.05
		1504	8.68	10.36	-4.90	5.70	-0.24	-7.02	376.91	-257.13	-247.69	367.47	76.79
		1502	8.54	12.85	-2.48	3.78	6.59	-7.54	582.15	81.24	83.53	579.85	-33.84
1170	22	1502	12.13	21.22	-10.32	-2.65	13.56	-13.53	518.86	-383.76	-258.03	393.13	312.54
		1504	15.39	20.57	-8.51	13.08	-1.02	-12.71	882.54	-191.75	-191.69	882.49	-7.86
		1505	16.63	11.09	-11.52	10.98	-11.41	1.58	913.51	-228.68	-215.94	900.78	-119.94
		1503	42.41	45.93	-11.49	40.44	-6.01	-16.88	3054.25	556.57	840.37	2770.46	-792.64
1170	36	1502	9.06	15.82	-7.65	-1.95	10.12	-10.06	389.67	-285.11	-192.64	297.21	232.04
		1504	11.53	15.32	-6.33	9.70	-0.71	-9.49	663.78	-141.27	-141.17	663.69	-8.83
		1505	12.50	8.13	-8.54	8.06	-8.46	1.14	688.12	-170.66	-160.04	677.50	-94.88
		1503	31.93	34.02	-8.42	29.90	-4.30	-12.56	2297.48	415.52	630.63	2082.38	-598.79
1170	37	1502	8.03	14.58	-7.05	-1.84	9.37	-9.25	343.49	-253.99	-171.40	260.90	206.21
		1504	10.18	14.41	-5.74	9.05	-0.39	-8.90	581.66	-130.09	-130.05	581.62	-5.30
		1505	11.08	7.78	-7.57	7.74	-7.53	0.74	602.59	-160.20	-151.70	594.09	-80.06
		1503	27.88	31.77	-7.38	27.83	-3.44	-11.77	2003.36	360.67	543.42	1820.61	-516.52
1171	22	1503	31.63	60.14	-7.19	55.46	-2.51	17.12	2115.09	245.75	574.35	1786.49	-711.54
		1505	34.05	11.92	-16.37	10.43	-14.89	6.31	2092.43	-193.38	98.94	1800.12	-763.37
		1450	16.21	-1.96	-37.97	-35.81	-4.12	8.55	228.35	-865.54	181.85	-819.04	-220.68
		1501	69.98	7.48	-82.93	-80.98	5.53	13.13	4651.10	256.71	2433.47	2474.34	-2197.10
1171	36	1503	23.84	44.44	-5.35	41.00	-1.91	12.63	1593.79	180.65	430.75	1343.69	-539.33
		1505	25.64	8.77	-11.98	7.70	-10.91	4.59	1576.24	-147.54	76.51	1352.19	-579.67
		1450	12.24	-1.59	-28.34	-26.73	-3.20	6.36	176.00	-652.00	139.84	-615.84	-169.22
		1501	52.58	5.78	-61.51	-60.10	4.37	9.66	3494.17	186.35	1821.58	1858.94	-1653.80
1171	37	1503	20.77	40.72	-4.55	37.51	-1.34	11.61	1384.85	157.38	367.15	1175.09	-462.04
		1505	22.46	8.49	-10.19	7.78	-9.48	3.57	1375.93	-137.55	54.76	1183.61	-504.07
		1450	10.54	-1.88	-25.34	-23.70	-3.52	5.98	138.91	-570.80	107.50	-539.39	-145.96
		1501	45.75	6.40	-54.24	-53.19	5.35	7.93	3040.23	154.33	1567.58	1626.97	-1442.64
1172	8	1463	8.55	9.68	-3.00	4.89	1.79	-6.15	159.12	-450.54	-437.36	145.93	88.69
		1477	14.36	11.57	-3.39	8.31	-0.13	-6.18	164.12	-832.13	-828.59	160.58	59.23
		1506	17.79	11.34	-6.84	8.76	-4.26	-6.34	437.22	-859.10	-852.08	430.20	95.12
		1504	13.12	15.92	-6.66	9.48	-0.22	-10.20	614.47	-340.57	-333.49	607.38	81.96
1172	32	1463	6.35	7.21	-2.24	3.63	1.33	-4.58	120.20	-333.74	-324.53	110.99	64.00
		1477	10.69	8.61	-2.53	6.16	-0.09	-4.61	123.71	-618.70	-616.35	121.36	41.69
		1506	13.26	8.34	-5.09	6.40	-3.15	-4.72	329.60	-638.15	-633.52	324.97	66.75
		1504	9.82	11.76	-4.95	6.96	-0.14	-7.57	464.43	-250.68	-246.15	459.90	56.73
1172	37	1463	5.56	6.42	-1.99	3.21	1.22	-4.09	110.11	-288.89	-282.31	103.53	50.80
		1477	9.38	7.68	-2.26	5.45	-0.03	-4.15	112.68	-540.91	-539.53	111.30	30.03
		1506	11.70	7.26	-4.52	5.43	-2.69	-4.26	299.82	-557.06	-554.40	297.15	47.72
		1504	8.77	10.29	-4.38	5.94	-0.03	-6.70	425.33	-214.10	-211.72	422.96	38.89
1173	22	1504	14.15	17.43	-7.68	10.67	-0.92	-11.13	648.29	-373.78	-356.59	631.10	131.45
		1506	18.75	11.35	-6.67	9.37	-4.69	-5.64	544.40	-837.74	-834.79	541.45	63.80
		1507	18.78	1.10	-7.55	0.40	-6.85	2.36	599.14	-815.31	-804.94	588.77	-120.66
		1505	22.16	12.46	-10.56	12.44	-10.55	0.54	1330.80	-166.79	-104.88	1268.89	-298.13
1173	36	1504	10.58	12.96	-5.71	7.91	-0.66	-8.30	487.21	-277.20	-265.02	475.03	95.72
		1506	14.00	8.45	-4.97	6.94	-3.46	-4.24	408.85	-623.71	-621.77	406.91	44.75
		1507	14.04	0.72	-5.60	0.21	-5.09	1.71	450.69	-607.37	-598.76	442.08	-95.05
		1505	16.66	9.16	-7.79	9.16	-7.78	0.35	1002.14	-124.78	-76.32	953.69	-228.60
1173	37	1504	9.39	12.13	-5.21	7.34	-0.42	-7.75	428.00	-249.56	-238.50	416.94	85.86
		1506	12.41	8.11	-4.54	6.58	-3.01	-4.12	359.39	-554.16	-552.44	357.68	39.58
		1507	12.47	0.97	-4.95	0.65	-4.63	1.33	395.24	-542.46	-535.16	387.94	-82.40
		1505	14.67	8.86	-6.85	8.86	-6.85	-0.03	875.78	-118.44	-77.74	835.08	-196.99
1174	22	1505	23.48	14.50	-12.98	11.87	-10.36	8.08	1368.24	-224.19	-23.45	1167.50	-528.55
		1507	19.29	1.04	-8.91	-2.08	-5.80	4.61	676.19	-786.23	-746.88	636.84	-236.66
		1500	10.81	-0.49	-19.32	-19.31	-0.50	0.50	-19.17	-670.02	-647.01	-42.17	-120.18
		1450	15.67	0.12	-38.43	-36.76	-1.55	7.85	823.82	-239.51	353.16	231.16	-528.15
1174	36	1505	17.71	10.67	-9.60	8.74	-7.67	5.95	1032.24	-170.27	-15.20	877.17	-403.02
		1507	14.45	0.68	-6.58	-1.62	-4.28	3.38	509.44	-586.55	-554.99	477.89	-183.26
		1500	8.04	-0.38	-14.53	-14.52	-0.39	0.38	-13.21	-497.59	-478.89	-31.91	-93.31
		1450	11.85	0.10	-28.65	-27.43	-1.13	5.81	623.49	-182.14	267.97	173.38	-400.03
1174	37	1505	15.53	10.10	-8.40	8.58	-6.87	5.09	899.65	-156.65	-25.06	768.06	-348.83
		1507	12.81	0.78	-5.59	-0.97	-3.83	2.84	446.29	-524.06	-497.12	419.35	-159.44
		1500	7.22	-0.41	-12.73	-12.72	-0.42	0.35	-12.26	-448.17	-432.59	-27.84	-80.93
		1450	10.28	0.17	-25.37	-24.23	-0.96	5.26	535.31	-164.96	218.62	151.73	-348.54
1175	8	1477	14.46	11.25	-3.22	8.28	-0.26	-5.84	155.23	-844.58	-840.38	151.03	64.66
		1464	20.93	11.60	-2.49	10.07	-0.96	-4.39	138.08	-1285.02	-1284.60	137.66	24.45
		1508	23.38	7.44	-4.79	6.27	-3.62	-3.60	312.85	-1348.32	-1346.80	311.33	50.32
		1506	17.86	10.92	-6.27	8.49	-3.84	-5.99	448.75	-857.93	-852.37	443.18	85.09
1175	32	1477	10.77	8.36	-2.40	6.14	-0.18	-4.35	116.99	-628.06	-625.23	114.16	45.80
		1464	15.60	8.63	-1.85	7.48	-0.70	-3.28	103.74	-957.27	-957.04	103.51	15.67
		1508	17.42	5.45	-3.57	4.56	-2.68	-2.69	235.19	-1003.81	-1002.91	234.28	33.52
		1506	13.32	8.04	-4.66	6.21	-2.83	-4.46	338.35	-637.30	-633.70	334.75	59.18
1175	37	1477	9.45	7.44	-2.13	5.43	-0.12	-3.90	106.50	-549.32	-547.57	104.76	33.77
		1464	13.73	7.70	-1.65	6.63	-0.58	-2.98	93.71	-841.06	-841.01	93.66	6.59
		1508	15.33	4.72	-3.20	3.83	-2.32	-2.50	212.41	-880.83	-880.52	212.09	18.55
		1506	11.76	6.98	-4.13	5.27	-2.42	-4.02	307.91	-556.37	-554.44	305.98	40.82
1176	8	1506	18.60	12.17	-6.63	9.98	-4.45	-6.03	487.87	-871.31	-864.97	481.52	92.65

		1508	23.75	7.65	-4.54	6.79	-3.69	-3.11	340.04	-1353.78	-1352.51	338.77	46.28
		1509	23.62	-2.03	-3.88	-2.23	-3.68	0.58	337.46	-1378.02	-1377.61	337.05	-26.44
		1507	19.31	3.01	-7.51	2.45	-6.95	2.36	625.25	-824.06	-817.82	619.01	-94.92
1176	32	1506	13.87	8.95	-4.92	7.31	-3.28	-4.48	367.87	-647.41	-643.26	363.72	64.79
		1508	17.70	5.60	-3.37	4.95	-2.72	-2.34	255.71	-1007.96	-1007.24	254.98	30.34
		1509	17.59	-1.69	-2.88	-1.85	-2.72	0.41	253.91	-1024.78	-1024.25	253.38	-26.03
		1507	14.44	2.03	-5.54	1.62	-5.12	1.72	472.80	-612.06	-606.28	467.02	-78.97
1176	37	1506	12.26	7.76	-4.31	6.22	-2.77	-4.02	334.76	-565.63	-563.31	332.44	45.67
		1508	15.59	4.85	-2.98	4.18	-2.31	-2.19	231.09	-884.73	-884.52	230.88	15.33
		1509	15.49	-1.89	-2.48	-2.02	-2.36	0.24	229.91	-897.06	-895.65	228.51	-39.79
		1507	12.86	1.35	-4.70	1.03	-4.38	1.35	433.67	-535.50	-526.91	425.09	-90.83
1177	8	1507	18.63	2.14	-7.48	0.39	-5.73	3.71	610.22	-795.03	-772.94	588.13	-174.82
		1509	23.30	-1.45	-4.76	-3.33	-2.88	1.64	328.50	-1358.59	-1357.11	327.02	-49.94
		1451	21.02	-0.62	-13.73	-13.68	-0.68	-0.85	9.69	-1352.18	-1352.18	9.69	-0.06
		1500	11.82	-0.45	-19.78	-19.28	-0.96	3.09	64.35	-699.63	-672.96	37.68	-140.24
1177	32	1507	13.96	1.42	-5.53	0.10	-4.21	2.73	462.52	-591.40	-572.14	443.26	-141.18
		1509	17.36	-1.17	-3.59	-2.66	-2.11	1.18	247.09	-1010.12	-1008.50	245.47	-45.16
		1451	15.60	-0.46	-10.48	-10.44	-0.50	-0.62	7.02	-1002.66	-1002.64	7.00	-4.20
		1500	8.76	-0.34	-14.92	-14.56	-0.70	2.27	50.45	-517.01	-494.63	28.06	-110.47
1177	37	1507	12.53	0.87	-4.72	-0.26	-3.59	2.24	427.45	-520.38	-495.23	402.29	-152.36
		1509	15.29	-1.25	-3.24	-2.70	-1.79	0.88	223.81	-884.00	-880.65	220.45	-60.89
		1451	13.58	-0.40	-9.86	-9.83	-0.43	-0.51	5.85	-870.54	-870.29	5.60	-14.70
		1500	7.65	-0.30	-13.58	-13.29	-0.58	1.93	51.46	-446.90	-420.03	24.59	-112.55
1178	8	1464	20.97	11.41	-2.31	10.01	-0.91	-4.15	135.90	-1288.75	-1288.34	135.49	24.19
		1478	27.19	11.51	-1.34	10.89	-0.71	-2.77	111.98	-1716.50	-1716.21	111.68	-23.20
		1510	28.91	5.31	-3.04	4.60	-2.33	-2.33	216.60	-1790.10	-1790.07	216.57	7.52
		1508	23.39	7.28	-4.54	6.21	-3.47	-3.39	314.15	-1348.73	-1347.28	312.70	49.02
1178	32	1464	15.62	8.48	-1.71	7.43	-0.66	-3.10	102.10	-960.07	-959.84	101.88	15.49
		1478	20.27	8.56	-0.99	8.08	-0.52	-2.07	83.77	-1279.80	-1279.51	83.49	-19.80
		1510	21.54	3.87	-2.27	3.32	-1.72	-1.75	162.14	-1333.88	-1333.88	162.13	2.08
		1508	17.43	5.33	-3.38	4.51	-2.56	-2.54	236.18	-1004.11	-1003.26	235.33	32.54
1178	37	1464	13.75	7.56	-1.51	6.59	-0.55	-2.80	92.22	-843.56	-843.52	92.17	6.46
		1478	17.86	7.65	-0.87	7.20	-0.42	-1.92	74.86	-1126.78	-1126.27	74.35	-24.70
		1510	18.95	3.32	-2.07	2.75	-1.50	-1.66	144.82	-1172.70	-1172.65	144.77	-8.17
		1508	15.34	4.60	-3.02	3.79	-2.21	-2.34	213.34	-881.08	-880.80	213.06	17.66
1179	8	1508	23.73	7.67	-4.44	6.76	-3.53	-3.19	336.52	-1355.46	-1354.19	335.25	46.27
		1510	29.06	5.32	-2.68	4.78	-2.14	-2.01	227.30	-1793.42	-1793.41	227.29	5.19
		1511	29.52	-1.98	-3.88	-3.74	-2.13	-0.51	208.78	-1847.06	-1847.04	208.76	-6.87
		1509	23.71	-1.51	-4.23	-1.98	-3.77	1.03	349.20	-1374.81	-1374.36	348.75	-27.81
1179	32	1508	17.69	5.61	-3.29	4.92	-2.60	-2.38	253.06	-1009.22	-1008.49	252.33	30.38
		1510	21.66	3.88	-1.99	3.46	-1.57	-1.51	170.19	-1336.39	-1336.39	170.19	0.22
		1511	21.99	-1.47	-3.07	-2.97	-1.57	-0.39	156.19	-1374.83	-1374.76	156.13	-9.94
		1509	17.65	-1.29	-3.15	-1.66	-2.78	0.74	262.81	-1022.38	-1021.81	262.24	-27.08
1179	37	1508	15.58	4.84	-2.90	4.15	-2.22	-2.20	228.70	-885.82	-885.61	228.48	15.48
		1510	19.05	3.33	-1.79	2.88	-1.34	-1.45	152.11	-1175.01	-1174.93	152.04	-10.10
		1511	19.32	-1.26	-3.14	-3.04	-1.37	-0.43	139.26	-1205.33	-1204.97	138.89	-22.07
		1509	15.53	-1.53	-2.73	-1.85	-2.40	0.54	238.10	-894.93	-893.46	236.63	-40.79
1180	8	1509	23.29	-2.23	-3.66	-3.04	-2.85	0.71	333.52	-1355.09	-1353.88	332.30	-45.28
		1511	29.41	-1.61	-4.11	-4.09	-1.64	0.26	203.33	-1840.37	-1840.33	203.30	-8.84
		1499	28.90	-0.73	-12.94	-12.83	-0.84	-1.15	14.07	-1878.44	-1877.90	13.53	32.08
		1451	21.04	-0.72	-14.19	-14.00	-0.92	1.61	18.27	-1348.88	-1348.27	17.67	-28.68
1180	32	1509	17.35	-1.73	-2.81	-2.44	-2.10	0.51	250.87	-1007.47	-1006.08	249.48	-41.77
		1511	21.90	-1.19	-3.24	-3.23	-1.20	0.16	151.82	-1369.56	-1369.45	151.72	-12.50
		1499	21.49	-0.54	-9.91	-9.83	-0.61	-0.84	10.23	-1396.01	-1395.70	9.92	20.92
		1451	15.62	-0.53	-10.81	-10.68	-0.67	1.18	13.63	-1000.33	-999.70	13.00	-25.30
1180	37	1509	15.28	-1.64	-2.67	-2.52	-1.79	0.37	227.24	-881.56	-878.51	224.18	-58.12
		1511	19.22	-1.01	-3.25	-3.25	-1.01	0.02	134.75	-1200.09	-1199.53	134.19	-27.30
		1499	18.80	-0.47	-9.43	-9.37	-0.52	-0.70	8.42	-1218.51	-1218.42	8.33	10.21
		1451	13.61	-0.46	-10.14	-10.03	-0.57	0.99	12.20	-868.87	-867.66	10.98	-32.72
1181	8	1478	27.20	11.42	-1.23	10.87	-0.68	-2.59	111.25	-1717.84	-1717.54	110.95	-23.36
		1465	32.83	11.62	-0.53	11.39	-0.30	-1.65	89.28	-2104.57	-2102.43	87.14	-68.52
		1512	34.08	4.24	-1.85	3.80	-1.40	-1.59	152.58	-2176.90	-2176.42	152.10	-33.38
		1510	28.92	5.21	-2.90	4.62	-2.31	-2.11	217.36	-1790.10	-1790.07	217.33	7.55
1181	32	1478	20.28	8.49	-0.91	8.07	-0.50	-1.93	83.23	-1280.80	-1280.51	82.94	-19.90
		1465	24.48	8.64	-0.39	8.46	-0.22	-1.24	66.41	-1569.80	-1568.06	64.67	-53.33
		1512	25.40	3.07	-1.39	2.72	-1.04	-1.20	113.51	-1622.81	-1622.36	113.06	-27.80
		1510	21.55	3.79	-2.16	3.33	-1.71	-1.58	162.71	-1333.87	-1333.87	162.71	2.09
1181	37	1478	17.86	7.58	-0.79	7.19	-0.40	-1.77	74.36	-1127.66	-1127.15	73.85	-24.76
		1465	21.58	7.74	-0.33	7.56	-0.16	-1.17	58.47	-1383.47	-1381.47	56.46	-53.72
		1512	22.34	2.60	-1.28	2.23	-0.90	-1.15	99.78	-1428.04	-1427.32	99.06	-33.08
		1510	18.96	3.23	-1.95	2.76	-1.48	-1.49	145.37	-1172.68	-1172.63	145.32	-8.17
1182	8	1510	29.07	5.38	-2.66	4.83	-2.12	-2.02	227.98	-1793.69	-1793.68	227.97	4.67
		1512	34.15	4.27	-1.50	3.92	-1.15	-1.38	157.34	-2178.69	-2178.19	156.84	-34.10
		1513	34.98	-1.23	-4.66	-4.44	-1.45	-0.85	138.71	-2247.24	-2247.14	138.60	-15.65
		1511	29.53	-2.21	-3.65	-3.65	-2.21	0.03	212.87	-1845.79	-1845.76	212.85	-7.33
1182	32	1510	21.66	3.91	-1.98	3.49	-1.56	-1.52	170.72	-1336.59	-1336.59	170.72	-0.14
		1512	25.45	3.09	-1.12	2.82	-0.84	-1.05	117.08	-1624.16	-1623.69	116.62	-28.42

		1513	26.06	-0.91	-3.66	-3.50	-1.07	-0.64	103.05	-1673.70	-1673.57	102.92	-15.28
		1511	22.00	-1.64	-2.90	-2.90	-1.64	9.06e-03	159.29	-1373.88	-1373.81	159.22	-10.32
1182	37	1510	19.06	3.35	-1.76	2.91	-1.33	-1.43	152.61	-1175.18	-1175.10	152.53	-10.34
		1512	22.38	2.63	-1.02	2.32	-0.70	-1.02	102.98	-1429.25	-1428.51	102.23	-33.83
		1513	22.90	-0.79	-3.68	-3.53	-0.94	-0.63	90.19	-1469.20	-1468.83	89.82	-23.87
		1511	19.33	-1.42	-2.98	-2.98	-1.42	-0.08	142.12	-1204.50	-1204.13	141.74	-22.48
1183	8	1511	29.40	-1.45	-4.20	-4.04	-1.61	-0.65	206.31	-1838.64	-1838.64	206.30	-2.80
		1513	35.00	-1.11	-4.49	-4.48	-1.12	-0.13	139.26	-2247.84	-2247.76	139.18	-13.78
		1452	35.35	-0.80	-13.27	-13.15	-0.92	-1.22	15.13	-2307.16	-2306.69	14.65	33.29
		1499	28.90	-0.88	-13.03	-12.91	-1.01	1.23	15.68	-1877.25	-1877.23	15.66	6.95
1183	32	1511	21.90	-1.07	-3.30	-3.19	-1.18	-0.49	154.05	-1368.23	-1368.19	154.01	-8.08
		1513	26.07	-0.81	-3.53	-3.53	-0.82	-0.12	103.22	-1673.93	-1673.81	103.10	-14.65
		1452	26.32	-0.59	-10.16	-10.07	-0.68	-0.89	11.08	-1716.51	-1716.21	10.78	22.62
		1499	21.49	-0.65	-9.98	-9.89	-0.74	0.90	11.51	-1395.18	-1395.18	11.50	2.45
1183	37	1511	19.22	-0.90	-3.32	-3.22	-1.00	-0.48	136.73	-1198.83	-1198.42	136.31	-23.62
		1513	22.90	-0.67	-3.57	-3.55	-0.68	-0.21	89.79	-1468.90	-1468.48	89.38	-25.48
		1452	23.07	-0.51	-9.71	-9.65	-0.57	-0.75	9.27	-1502.28	-1502.16	9.15	13.67
		1499	18.80	-0.56	-9.49	-9.43	-0.62	0.75	9.72	-1217.95	-1217.93	9.69	-5.40
1184	8	1465	32.83	11.58	-0.49	11.39	-0.31	-1.48	89.07	-2105.07	-2102.94	86.94	-68.36
		1479	37.72	11.81	-0.11	11.74	-0.04	-0.90	72.24	-2439.34	-2434.66	67.55	-108.34
		1514	38.67	3.70	-1.11	3.49	-0.90	-0.99	112.41	-2507.31	-2505.27	110.36	-73.14
		1512	34.09	4.15	-1.75	3.83	-1.42	-1.34	153.28	-2176.87	-2176.40	152.81	-33.19
1184	32	1465	24.49	8.61	-0.36	8.47	-0.22	-1.11	66.25	-1570.17	-1568.44	64.52	-53.19
		1479	28.14	8.78	-0.07	8.73	-0.02	-0.68	53.35	-1819.94	-1816.29	49.70	-82.58
		1514	28.83	2.66	-0.83	2.49	-0.66	-0.75	82.96	-1869.61	-1867.96	81.31	-56.75
		1512	25.40	3.00	-1.31	2.75	-1.05	-1.01	114.04	-1622.79	-1622.35	113.60	-27.66
1184	37	1465	21.58	7.70	-0.30	7.57	-0.16	-1.04	58.32	-1383.79	-1381.79	56.33	-53.56
		1479	24.81	7.88	-0.04	7.83	0.02	-0.67	46.08	-1604.72	-1600.97	42.34	-78.54
		1514	25.36	2.22	-0.77	2.02	-0.58	-0.74	71.39	-1646.10	-1644.21	69.49	-56.96
		1512	22.34	2.52	-1.19	2.25	-0.92	-0.97	100.28	-1428.02	-1427.31	99.57	-32.98
1185	8	1512	34.16	4.30	-1.50	3.96	-1.16	-1.37	158.27	-2178.85	-2178.33	157.76	-34.75
		1514	38.71	3.77	-0.80	3.61	-0.63	-0.84	114.71	-2508.36	-2506.34	112.69	-72.78
		1515	39.74	-1.00	-4.97	-4.81	-1.16	-0.76	99.95	-2583.57	-2582.92	99.31	-41.69
		1513	34.98	-1.48	-4.44	-4.41	-1.51	-0.30	140.51	-2246.68	-2246.58	140.41	-15.74
1185	32	1512	25.46	3.11	-1.12	2.85	-0.85	-1.03	117.79	-1624.27	-1623.80	117.31	-28.87
		1514	28.85	2.71	-0.59	2.58	-0.46	-0.64	84.68	-1870.39	-1868.75	83.04	-56.54
		1515	29.61	-0.75	-3.89	-3.78	-0.85	-0.57	73.67	-1924.95	-1924.38	73.11	-33.67
		1513	26.06	-1.09	-3.50	-3.47	-1.12	-0.23	104.42	-1673.29	-1673.15	104.29	-15.38
1185	37	1512	22.39	2.63	-1.00	2.34	-0.71	-0.98	103.64	-1429.36	-1428.60	102.87	-34.16
		1514	25.38	2.27	-0.53	2.11	-0.37	-0.65	72.90	-1646.79	-1644.90	71.01	-56.92
		1515	26.03	-0.65	-3.91	-3.81	-0.74	-0.56	63.10	-1691.22	-1690.41	62.29	-37.60
		1513	22.90	-0.95	-3.54	-3.51	-0.97	-0.27	91.45	-1468.84	-1468.47	91.08	-24.03
1186	8	1513	35.00	-0.77	-4.79	-4.49	-1.07	-1.06	140.36	-2246.78	-2246.77	140.34	-6.88
		1515	39.84	-0.89	-4.73	-4.73	-0.89	-0.04	104.46	-2588.33	-2587.62	103.75	-43.86
		1498	40.63	-0.85	-13.79	-13.67	-0.96	-1.22	15.60	-2657.22	-2657.09	15.48	18.56
		1452	35.36	-0.97	-13.25	-13.14	-1.07	1.14	16.17	-2307.16	-2307.13	16.13	9.20
1186	32	1513	26.07	-0.58	-3.74	-3.53	-0.79	-0.78	104.04	-1673.12	-1673.07	103.99	-9.58
		1515	29.69	-0.65	-3.72	-3.72	-0.65	-0.05	76.86	-1928.34	-1927.70	76.22	-35.80
		1498	30.26	-0.63	-10.55	-10.47	-0.71	-0.89	11.49	-1978.18	-1978.10	11.41	12.27
		1452	26.32	-0.71	-10.15	-10.07	-0.79	0.83	11.89	-1716.54	-1716.52	11.87	4.95
1186	37	1513	22.89	-0.49	-3.72	-3.55	-0.66	-0.72	90.51	-1468.12	-1467.83	90.22	-21.22
		1515	26.09	-0.53	-3.76	-3.75	-0.53	-0.13	65.52	-1693.85	-1692.89	64.56	-41.05
		1498	26.57	-0.54	-10.10	-10.05	-0.60	-0.75	9.76	-1733.95	-1733.93	9.74	6.07
		1452	23.08	-0.61	-9.70	-9.65	-0.67	0.69	10.07	-1502.39	-1502.39	10.07	-1.22
1187	8	1479	37.73	11.80	-0.10	11.75	-0.05	-0.73	72.22	-2439.52	-2434.86	67.57	-108.05
		1466	41.80	11.95	0.08	11.94	0.09	-0.35	60.76	-2716.64	-2709.24	53.36	-143.17
		1516	42.57	3.45	-0.71	3.40	-0.66	-0.43	88.27	-2780.22	-2775.82	83.87	-112.33
		1514	38.68	3.63	-1.04	3.51	-0.92	-0.74	112.94	-2507.31	-2505.28	110.90	-72.93
1187	32	1479	28.14	8.77	-0.06	8.74	-0.03	-0.55	53.34	-1820.06	-1816.44	49.71	-82.36
		1466	31.18	8.89	0.07	8.88	0.08	-0.27	44.51	-2027.10	-2021.45	38.86	-108.01
		1516	31.73	2.47	-0.53	2.43	-0.49	-0.33	64.56	-2073.45	-2070.05	61.15	-85.24
		1514	28.83	2.60	-0.78	2.51	-0.68	-0.56	83.36	-1869.61	-1867.97	81.72	-56.61
1187	37	1479	24.81	7.87	-0.03	7.83	4.21e-03	-0.53	46.08	-1604.82	-1601.10	42.35	-78.31
		1466	27.50	7.99	0.09	7.98	0.10	-0.29	37.62	-1787.87	-1782.41	32.16	-99.70
		1516	27.91	2.01	-0.48	1.97	-0.43	-0.35	54.17	-1826.19	-1822.75	50.74	-80.35
		1514	25.36	2.15	-0.71	2.04	-0.60	-0.55	71.76	-1646.11	-1644.22	69.88	-56.86
1188	8	1514	38.72	3.78	-0.80	3.63	-0.65	-0.82	115.42	-2508.52	-2506.46	113.36	-73.49
		1516	42.59	3.55	-0.42	3.53	-0.40	-0.30	89.51	-2780.92	-2776.59	85.17	-111.45
		1517	43.71	-0.98	-5.03	-4.98	-1.04	-0.46	78.81	-2858.58	-2856.50	76.74	-77.98
		1515	39.74	-1.19	-4.81	-4.80	-1.20	-0.22	100.83	-2583.29	-2582.65	100.18	-41.53
1188	32	1514	28.86	2.72	-0.59	2.60	-0.47	-0.61	85.21	-1870.51	-1868.84	83.55	-57.04
		1516	31.74	2.54	-0.31	2.52	-0.29	-0.23	65.47	-2073.96	-2070.61	62.12	-84.63
		1517	32.57	-0.73	-3.94	-3.90	-0.77	-0.35	57.61	-2130.40	-2128.76	55.97	-59.81
		1515	29.61	-0.88	-3.78	-3.77	-0.89	-0.17	74.34	-1924.75	-1924.18	73.77	-33.58
1188	37	1514	25.39	2.26	-0.52	2.13	-0.38	-0.60	73.40	-1646.89	-1644.98	71.48	-57.30
		1516	27.93	2.09	-0.25	2.05	-0.22	-0.27	54.97	-1826.63	-1823.23	51.57	-79.91
		1517	28.64	-0.63	-3.98	-3.94	-0.67	-0.35	48.23	-1872.82	-1871.04	46.45	-58.42

		1515	26.03	-0.76	-3.81	-3.80	-0.77	-0.20	63.71	-1691.05	-1690.24	62.90	-37.59
1189	8	1515	39.84	-0.61	-4.98	-4.75	-0.84	-0.98	104.57	-2587.42	-2586.92	104.07	-36.50
		1517	43.87	-0.79	-4.87	-4.85	-0.80	0.27	86.15	-2866.16	-2863.53	83.52	-88.15
		1453	44.87	-0.88	-14.13	-14.02	-0.99	-1.20	16.10	-2937.90	-2937.89	16.09	-4.81
		1498	40.65	-1.01	-13.74	-13.63	-1.11	1.14	16.87	-2658.00	-2657.99	16.86	-5.16
1189	32	1515	29.68	-0.46	-3.89	-3.73	-0.61	-0.72	76.94	-1927.65	-1927.19	76.48	-30.39
		1517	32.70	-0.57	-3.82	-3.81	-0.58	0.19	62.95	-2135.93	-2133.85	60.87	-67.70
		1453	33.43	-0.65	-10.81	-10.74	-0.72	-0.88	11.89	-2187.97	-2187.96	11.88	-4.63
		1498	30.28	-0.74	-10.51	-10.44	-0.81	0.83	12.44	-1978.77	-1978.76	12.43	-5.12
1189	37	1515	26.08	-0.38	-3.88	-3.76	-0.51	-0.65	65.58	-1693.21	-1692.45	64.82	-36.47
		1517	28.74	-0.47	-3.85	-3.85	-0.48	0.09	52.66	-1877.44	-1875.14	50.36	-66.47
		1453	29.37	-0.56	-10.37	-10.32	-0.61	-0.73	10.21	-1919.65	-1919.62	10.18	-7.54
		1498	26.58	-0.64	-10.07	-10.02	-0.69	0.69	10.63	-1734.50	-1734.46	10.59	-8.56
1190	8	1466	41.81	11.95	0.08	11.95	0.08	-0.18	60.80	-2716.69	-2709.32	53.43	-142.87
		1480	45.02	11.97	0.14	11.96	0.14	0.11	53.83	-2934.67	-2924.47	43.63	-174.30
		1518	45.68	3.41	-0.58	3.40	-0.58	0.13	74.69	-2994.69	-2987.21	67.22	-151.29
		1516	42.57	3.42	-0.70	3.42	-0.69	-0.17	88.63	-2780.23	-2775.84	84.24	-112.14
1190	32	1466	31.19	8.89	0.06	8.89	0.07	-0.13	44.55	-2027.13	-2021.51	38.92	-107.77
		1480	33.59	8.90	0.12	8.90	0.12	0.08	39.13	-2189.97	-2182.29	31.45	-130.60
		1518	34.05	2.43	-0.43	2.43	-0.42	0.09	54.14	-2233.63	-2227.98	48.49	-113.55
		1516	31.73	2.45	-0.51	2.44	-0.51	-0.13	64.83	-2073.45	-2070.06	61.43	-85.11
1190	37	1466	27.50	7.99	0.09	7.98	0.09	-0.15	37.65	-1787.89	-1782.46	32.22	-99.46
		1480	29.62	8.01	0.13	8.01	0.13	0.03	32.35	-1931.82	-1924.69	25.22	-118.16
		1518	29.96	1.96	-0.37	1.96	-0.37	0.04	44.30	-1967.69	-1962.35	38.96	-103.51
		1516	27.92	1.99	-0.45	1.97	-0.44	-0.16	54.43	-1826.20	-1822.77	51.00	-80.26
1191	8	1516	42.59	3.56	-0.43	3.54	-0.41	-0.28	90.01	-2781.08	-2776.69	85.62	-112.19
		1518	45.69	3.54	-0.33	3.53	-0.31	0.25	75.47	-2995.24	-2987.86	68.10	-150.30
		1519	46.84	-1.00	-4.96	-4.96	-1.00	-0.08	68.17	-3073.34	-3068.72	63.55	-120.41
		1517	43.70	-1.08	-4.97	-4.97	-1.08	0.08	79.24	-2858.42	-2856.37	77.19	-77.67
1191	32	1516	31.75	2.55	-0.31	2.53	-0.29	-0.21	65.85	-2074.08	-2070.69	62.46	-85.15
		1518	34.06	2.53	-0.23	2.52	-0.22	0.18	54.71	-2234.03	-2228.45	49.14	-112.84
		1519	34.92	-0.74	-3.89	-3.89	-0.74	-0.06	49.47	-2290.84	-2287.33	45.96	-90.60
		1517	32.57	-0.80	-3.90	-3.90	-0.80	0.06	57.94	-2130.29	-2128.66	56.31	-59.60
1191	37	1516	27.93	2.09	-0.25	2.06	-0.23	-0.22	55.31	-1826.72	-1823.29	51.88	-80.31
		1518	29.97	2.06	-0.17	2.05	-0.16	0.11	44.78	-1968.02	-1962.74	39.50	-102.97
		1519	30.71	-0.64	-3.95	-3.95	-0.64	-0.07	40.58	-2014.63	-2011.24	37.18	-83.50
		1517	28.64	-0.69	-3.93	-3.93	-0.69	0.01	48.54	-1872.73	-1870.96	46.77	-58.31
1192	8	1517	43.86	-0.64	-4.98	-4.87	-0.75	-0.68	85.66	-2865.17	-2862.97	83.46	-80.54
		1519	47.06	-0.67	-4.93	-4.82	-0.78	0.67	78.02	-3083.38	-3077.10	71.75	-140.71
		1497	48.11	-0.89	-14.16	-14.05	-1.00	-1.18	16.88	-3153.62	-3153.28	16.53	-33.07
		1453	44.89	-1.03	-14.07	-13.97	-1.13	1.17	17.73	-2939.26	-2938.99	17.46	-28.40
1192	32	1517	32.69	-0.47	-3.89	-3.82	-0.54	-0.49	62.59	-2135.19	-2133.43	60.83	-62.11
		1519	35.08	-0.49	-3.86	-3.79	-0.56	0.48	56.70	-2298.21	-2293.44	51.93	-105.87
		1497	35.85	-0.66	-10.83	-10.76	-0.73	-0.86	12.49	-2349.22	-2348.95	12.22	-25.23
		1453	33.45	-0.76	-10.77	-10.70	-0.83	0.85	13.10	-2188.98	-2188.77	12.88	-21.92
1192	37	1517	28.74	-0.39	-3.92	-3.86	-0.45	-0.43	52.33	-1876.77	-1874.79	50.36	-61.73
		1519	30.85	-0.42	-3.89	-3.85	-0.46	0.37	46.71	-2020.90	-2016.28	42.09	-97.63
		1497	31.52	-0.57	-10.41	-10.36	-0.62	-0.72	10.78	-2062.37	-2062.08	10.49	-24.55
		1453	29.39	-0.65	-10.33	-10.28	-0.70	0.71	11.27	-1920.55	-1920.29	11.02	-22.07
1193	8	1480	45.02	11.98	0.12	11.97	0.13	0.28	53.88	-2934.66	-2924.50	43.71	-174.02
		1467	47.36	11.83	0.13	11.80	0.16	0.53	50.36	-3092.66	-3079.50	37.20	-202.91
		1520	47.96	3.53	-0.67	3.42	-0.55	0.69	68.12	-3150.06	-3138.78	56.84	-190.22
		1518	45.68	3.45	-0.63	3.41	-0.60	0.39	74.91	-2994.69	-2987.23	67.46	-151.11
1193	32	1480	33.59	8.91	0.10	8.90	0.11	0.21	39.16	-2189.96	-2182.31	31.51	-130.38
		1467	35.33	8.80	0.11	8.78	0.13	0.40	36.36	-2307.98	-2298.18	26.56	-151.27
		1520	35.75	2.53	-0.50	2.44	-0.41	0.51	49.02	-2349.67	-2341.25	40.61	-141.81
		1518	34.05	2.46	-0.47	2.43	-0.44	0.29	54.31	-2233.63	-2227.99	48.67	-113.42
1193	37	1480	29.62	8.02	0.12	8.01	0.12	0.17	32.38	-1931.81	-1924.70	25.28	-117.93
		1467	31.16	7.92	0.13	7.91	0.14	0.33	29.50	-2036.09	-2027.26	20.66	-134.81
		1520	31.46	2.05	-0.43	1.97	-0.35	0.43	39.27	-2070.16	-2062.54	31.64	-126.62
		1518	29.96	1.99	-0.41	1.97	-0.38	0.23	44.46	-1967.69	-1962.36	39.13	-103.43
1194	8	1518	45.70	3.55	-0.34	3.53	-0.32	0.27	75.84	-2995.40	-2987.95	68.39	-151.04
		1520	47.97	3.70	-0.45	3.54	-0.29	0.80	68.72	-3150.56	-3139.38	57.55	-189.37
		1521	49.12	-0.96	-4.80	-4.77	-0.99	0.34	64.21	-3228.27	-3219.82	55.76	-166.58
		1519	46.84	-0.98	-5.01	-4.95	-1.04	0.47	68.37	-3073.23	-3068.64	63.78	-120.00
1194	32	1518	34.07	2.54	-0.24	2.53	-0.23	0.21	54.99	-2234.15	-2228.52	49.36	-113.37
		1520	35.76	2.66	-0.33	2.54	-0.21	0.59	49.46	-2350.03	-2341.69	41.12	-141.20
		1521	36.62	-0.71	-3.77	-3.75	-0.73	0.26	46.36	-2406.57	-2400.27	40.05	-124.21
		1519	34.91	-0.73	-3.93	-3.89	-0.77	0.35	49.63	-2290.76	-2287.27	46.14	-90.32
1194	37	1518	29.97	2.07	-0.18	2.06	-0.17	0.16	45.03	-1968.12	-1962.79	39.71	-103.37
		1520	31.47	2.17	-0.25	2.06	-0.15	0.50	39.64	-2070.46	-2062.90	32.07	-126.14
		1521	32.21	-0.62	-3.84	-3.83	-0.64	0.22	37.47	-2116.90	-2111.15	31.72	-111.16
		1519	30.71	-0.64	-3.96	-3.94	-0.67	0.28	40.73	-2014.57	-2011.19	37.35	-83.33
1195	8	1519	47.05	-0.70	-4.86	-4.84	-0.72	-0.29	77.11	-3082.21	-3076.61	71.50	-132.96
		1521	49.40	-0.48	-4.92	-4.63	-0.77	1.10	76.73	-3240.90	-3229.02	64.84	-198.21
		1454	50.40	-0.90	-13.81	-13.71	-1.00	-1.16	18.08	-3306.52	-3305.28	16.84	-64.19
		1497	48.14	-1.03	-14.10	-13.99	-1.14	1.20	18.91	-3155.48	-3154.47	17.90	-56.64

1195	32	1519	35.07	-0.51	-3.81	-3.80	-0.52	-0.20	56.02	-2297.35	-2293.08	51.75	-100.16
		1521	36.82	-0.36	-3.84	-3.64	-0.56	0.80	55.55	-2415.86	-2407.00	46.69	-147.76
		1454	37.56	-0.66	-10.58	-10.50	-0.73	-0.85	13.38	-2463.51	-2462.58	12.45	-47.99
		1497	35.88	-0.76	-10.79	-10.72	-0.84	0.87	13.98	-2350.59	-2349.82	13.22	-42.50
1195	37	1519	30.84	-0.42	-3.86	-3.86	-0.43	-0.16	46.12	-2020.15	-2015.97	41.95	-92.78
		1521	32.39	-0.32	-3.86	-3.73	-0.45	0.66	45.32	-2124.85	-2116.76	37.24	-132.20
		1454	33.03	-0.57	-10.20	-10.15	-0.62	-0.70	11.58	-2163.55	-2162.68	10.70	-43.54
		1497	31.54	-0.65	-10.38	-10.32	-0.71	0.73	12.06	-2063.55	-2062.82	11.33	-39.06
1196	8	1467	47.36	11.85	0.10	11.81	0.14	0.71	50.38	-3092.63	-3079.51	37.26	-202.65
		1481	48.80	11.54	0.07	11.46	0.15	0.95	49.44	-3190.29	-3173.89	33.05	-229.87
		1522	49.39	3.79	-0.91	3.44	-0.56	1.24	66.37	-3245.94	-3230.01	50.43	-229.19
		1520	47.96	3.64	-0.78	3.43	-0.57	0.94	68.25	-3150.05	-3138.79	56.99	-190.04
1196	32	1467	35.33	8.82	0.08	8.78	0.12	0.53	36.38	-2307.96	-2298.19	26.61	-151.06
		1481	36.41	8.58	0.06	8.52	0.12	0.71	35.53	-2380.91	-2368.79	23.41	-170.68
		1522	36.82	2.73	-0.68	2.45	-0.41	0.93	47.53	-2421.26	-2409.49	35.75	-170.10
		1520	35.76	2.61	-0.59	2.45	-0.42	0.71	49.12	-2349.66	-2341.26	40.72	-141.69
1196	37	1467	31.16	7.94	0.10	7.91	0.13	0.47	29.51	-2036.07	-2027.26	20.71	-134.60
		1481	32.11	7.73	0.09	7.68	0.14	0.62	28.42	-2100.50	-2089.83	17.76	-150.29
		1522	32.40	2.24	-0.61	1.98	-0.35	0.81	37.55	-2133.36	-2122.98	27.18	-149.73
		1520	31.47	2.13	-0.52	1.98	-0.37	0.62	39.37	-2070.16	-2062.55	31.75	-126.54
1197	8	1520	47.98	3.72	-0.47	3.55	-0.30	0.83	69.01	-3150.72	-3139.45	57.75	-190.12
		1522	49.40	3.99	-0.72	3.56	-0.29	1.36	66.93	-3246.45	-3230.59	51.08	-228.65
		1523	50.53	-0.83	-4.57	-4.40	-1.00	0.77	64.90	-3323.53	-3309.83	51.19	-215.07
		1521	49.12	-0.83	-4.96	-4.76	-1.03	0.89	64.29	-3228.17	-3219.77	55.89	-166.12
1197	32	1520	35.77	2.68	-0.34	2.54	-0.21	0.62	49.67	-2350.15	-2341.75	41.27	-141.74
		1522	36.83	2.88	-0.54	2.55	-0.21	1.01	47.95	-2421.63	-2409.91	36.23	-169.72
		1523	37.67	-0.62	-3.59	-3.47	-0.74	0.58	46.72	-2477.71	-2467.59	36.59	-159.56
		1521	36.61	-0.62	-3.89	-3.74	-0.76	0.66	46.42	-2406.50	-2400.23	40.15	-123.89
1197	37	1520	31.47	2.20	-0.28	2.07	-0.15	0.55	39.82	-2070.56	-2062.94	32.21	-126.56
		1522	32.41	2.38	-0.46	2.08	-0.15	0.88	37.90	-2133.66	-2123.33	27.56	-149.44
		1523	33.14	-0.55	-3.67	-3.59	-0.64	0.51	37.46	-2179.72	-2170.79	28.54	-140.42
		1521	32.21	-0.56	-3.92	-3.82	-0.66	0.58	37.54	-2116.85	-2111.12	31.81	-110.95
1198	8	1521	49.38	-0.71	-4.65	-4.65	-0.71	0.13	75.47	-3239.52	-3228.55	64.50	-190.38
		1523	50.88	-0.20	-4.84	-4.26	-0.78	1.53	80.51	-3339.21	-3319.52	60.82	-258.74
		1496	51.74	-0.90	-13.09	-12.99	-1.00	-1.14	19.82	-3397.64	-3394.88	17.06	-97.05
		1454	50.44	-1.03	-13.77	-13.65	-1.15	1.23	20.52	-3308.84	-3306.53	18.21	-87.79
1198	32	1521	36.81	-0.51	-3.66	-3.66	-0.52	0.12	54.63	-2414.84	-2406.65	46.44	-141.99
		1523	37.92	-0.17	-3.76	-3.37	-0.56	1.13	58.19	-2489.23	-2474.69	43.64	-191.94
		1496	38.57	-0.66	-10.04	-9.96	-0.74	-0.83	14.66	-2531.65	-2529.61	12.62	-72.06
		1454	37.59	-0.76	-10.54	-10.46	-0.84	0.90	15.17	-2465.21	-2463.49	13.45	-65.29
1198	37	1521	32.37	-0.42	-3.74	-3.74	-0.42	0.13	44.53	-2123.97	-2116.47	37.03	-127.30
		1523	33.35	-0.18	-3.76	-3.48	-0.46	0.96	47.25	-2189.56	-2176.74	34.43	-168.84
		1496	33.92	-0.57	-9.73	-9.67	-0.63	-0.69	12.67	-2223.90	-2222.09	10.85	-63.72
		1454	33.06	-0.65	-10.17	-10.11	-0.71	0.75	13.09	-2165.00	-2163.45	11.54	-58.07
1199	8	1481	48.81	11.57	0.03	11.46	0.14	1.13	49.45	-3190.25	-3173.89	33.09	-229.63
		1468	49.35	11.10	-0.02	10.92	0.15	1.37	50.48	-3227.46	-3207.38	30.40	-255.78
		1524	49.96	4.14	-1.26	3.45	-0.57	1.80	68.15	-3282.16	-3260.54	46.54	-268.24
		1522	49.40	3.94	-1.07	3.44	-0.57	1.50	66.43	-3245.92	-3230.01	50.52	-229.01
1199	32	1481	36.41	8.61	0.03	8.52	0.12	0.85	35.54	-2380.88	-2368.79	23.45	-170.48
		1468	36.82	8.25	-0.01	8.12	0.12	1.03	36.17	-2408.67	-2393.93	21.43	-189.29
		1524	37.24	3.00	-0.95	2.47	-0.42	1.35	48.71	-2448.28	-2432.41	32.83	-198.45
		1522	36.83	2.85	-0.81	2.46	-0.42	1.13	47.58	-2421.25	-2409.49	35.82	-169.98
1199	37	1481	32.11	7.76	0.06	7.69	0.13	0.76	28.42	-2100.46	-2089.83	17.79	-150.08
		1468	32.46	7.44	0.02	7.33	0.14	0.91	28.69	-2124.98	-2112.26	15.97	-165.02
		1524	32.77	2.50	-0.87	1.99	-0.36	1.20	38.25	-2157.13	-2143.43	24.55	-172.88
		1522	32.40	2.36	-0.74	1.99	-0.37	1.00	37.61	-2133.35	-2122.98	27.24	-149.65
1200	8	1522	49.41	4.01	-0.74	3.57	-0.30	1.38	67.17	-3246.62	-3230.66	51.22	-229.40
		1524	49.97	4.36	-1.09	3.58	-0.31	1.92	68.77	-3282.71	-3261.12	47.18	-268.11
		1525	51.07	-0.57	-4.29	-3.85	-1.01	1.20	69.20	-3359.25	-3338.65	48.59	-265.00
		1523	50.52	-0.58	-4.85	-4.39	-1.03	1.32	64.89	-3323.43	-3309.79	51.25	-214.57
1200	32	1522	36.84	2.90	-0.56	2.55	-0.21	1.04	48.12	-2421.76	-2409.96	36.33	-170.26
		1524	37.25	3.17	-0.82	2.56	-0.22	1.43	49.16	-2448.69	-2432.83	33.30	-198.37
		1525	38.07	-0.43	-3.37	-3.06	-0.74	0.90	49.77	-2504.36	-2489.22	34.64	-196.01
		1523	37.66	-0.44	-3.79	-3.47	-0.76	0.98	46.72	-2477.64	-2467.56	36.64	-159.22
1200	37	1522	32.41	2.42	-0.49	2.08	-0.15	0.94	38.04	-2133.76	-2123.37	27.65	-149.86
		1524	32.78	2.66	-0.73	2.09	-0.16	1.27	38.62	-2157.47	-2143.78	24.93	-172.85
		1525	33.48	-0.41	-3.45	-3.22	-0.65	0.81	39.83	-2203.16	-2190.10	26.77	-170.64
		1523	33.13	-0.42	-3.82	-3.58	-0.66	0.87	37.48	-2179.67	-2170.77	28.58	-140.18
1201	8	1523	50.85	-0.63	-4.37	-4.28	-0.72	0.56	78.94	-3337.59	-3319.07	60.42	-250.84
		1525	51.49	0.19	-4.69	-3.71	-0.79	1.96	88.56	-3378.65	-3348.64	58.56	-321.13
		1455	52.15	-0.89	-12.01	-11.89	-1.01	-1.12	22.20	-3427.46	-3422.48	17.23	-130.95
		1496	51.79	-1.02	-13.06	-12.92	-1.15	1.26	22.69	-3400.41	-3396.15	18.43	-120.70
1201	32	1523	37.91	-0.46	-3.45	-3.38	-0.52	0.44	57.03	-2488.04	-2474.36	43.35	-186.12
		1525	38.38	0.12	-3.64	-2.95	-0.57	1.45	63.98	-2518.58	-2496.55	41.95	-237.51
		1455	38.88	-0.66	-9.22	-9.14	-0.74	-0.82	16.40	-2553.99	-2550.33	12.74	-96.92
		1496	38.60	-0.75	-10.01	-9.92	-0.84	0.92	16.76	-2533.67	-2530.54	13.62	-89.40
1201	37	1523	33.34	-0.37	-3.55	-3.49	-0.43	0.43	46.27	-2188.54	-2176.46	34.18	-163.89

		1525	33.75	0.04	-3.62	-3.12	-0.46	1.26	51.91	-2215.26	-2196.25	32.90	-206.73
		1455	34.20	-0.57	-9.00	-8.94	-0.63	-0.68	14.13	-2243.75	-2240.58	10.96	-84.61
		1496	33.95	-0.65	-9.70	-9.63	-0.72	0.77	14.43	-2225.61	-2222.87	11.69	-78.27
1202	8	1468	49.35	11.15	-0.08	10.93	0.14	1.55	50.47	-3227.42	-3207.37	30.43	-255.55
		1482	48.99	10.52	-0.18	10.21	0.14	1.80	53.09	-3204.25	-3179.83	28.67	-281.01
		1526	49.66	4.55	-1.67	3.47	-0.59	2.36	72.83	-3258.71	-3230.10	44.23	-307.38
		1524	49.96	4.32	-1.45	3.46	-0.59	2.06	68.18	-3282.13	-3260.54	46.59	-268.06
1202	32	1468	36.82	8.29	-0.06	8.12	0.11	1.17	36.16	-2408.64	-2393.92	21.45	-189.11
		1482	36.55	7.82	-0.12	7.58	0.11	1.35	38.00	-2391.32	-2373.48	20.16	-207.40
		1526	37.02	3.31	-1.27	2.48	-0.43	1.77	52.06	-2430.72	-2409.82	31.15	-226.86
		1524	37.25	3.14	-1.10	2.47	-0.43	1.55	48.73	-2448.26	-2432.41	32.88	-198.33
1202	37	1468	32.46	7.48	-0.02	7.33	0.13	1.05	28.67	-2124.94	-2112.25	15.98	-164.83
		1482	32.22	7.05	-0.08	6.84	0.13	1.21	30.03	-2109.58	-2094.44	14.90	-179.32
		1526	32.56	2.80	-1.17	2.00	-0.37	1.59	40.89	-2141.48	-2123.72	23.13	-196.08
		1524	32.77	2.64	-1.02	2.00	-0.37	1.39	38.27	-2157.12	-2143.44	24.58	-172.80
1203	8	1524	49.98	4.39	-1.11	3.58	-0.31	1.94	68.99	-3282.90	-3261.19	47.28	-268.88
		1526	49.67	4.79	-1.52	3.59	-0.32	2.48	73.57	-3259.35	-3230.69	44.91	-307.73
		1527	50.72	-0.14	-3.99	-3.11	-1.02	1.62	76.75	-3335.61	-3306.12	47.26	-315.84
		1525	51.06	-0.21	-4.68	-3.84	-1.04	1.74	69.14	-3359.15	-3338.62	48.61	-264.49
1203	32	1524	37.26	3.19	-0.84	2.56	-0.22	1.46	49.32	-2448.82	-2432.88	33.37	-198.92
		1526	37.03	3.50	-1.15	2.57	-0.23	1.85	52.59	-2431.19	-2410.25	31.65	-227.14
		1527	37.81	-0.13	-3.13	-2.51	-0.75	1.21	55.24	-2486.63	-2465.06	33.68	-233.12
		1525	38.06	-0.18	-3.64	-3.05	-0.77	1.30	49.73	-2504.28	-2489.21	34.66	-195.65
1203	37	1524	32.78	2.70	-0.77	2.09	-0.16	1.32	38.75	-2157.57	-2143.82	24.99	-173.27
		1526	32.57	2.97	-1.05	2.10	-0.17	1.66	41.35	-2141.88	-2124.07	23.54	-196.34
		1527	33.25	-0.18	-3.19	-2.72	-0.65	1.10	44.31	-2187.31	-2168.98	25.97	-201.43
		1525	33.48	-0.21	-3.67	-3.21	-0.67	1.17	39.81	-2203.11	-2190.09	26.79	-170.39
1204	8	1525	51.47	-0.43	-4.02	-3.73	-0.73	0.98	86.68	-3376.76	-3348.20	58.13	-313.19
		1527	51.25	0.73	-4.50	-2.98	-0.80	2.38	100.76	-3359.59	-3316.29	57.45	-384.66
		1495	51.64	-0.88	-10.56	-10.43	-1.01	-1.10	25.38	-3396.20	-3388.18	17.35	-165.49
		1455	52.21	-1.00	-11.98	-11.83	-1.15	1.28	25.53	-3430.70	-3423.77	18.60	-154.67
1204	32	1525	38.36	-0.31	-3.18	-2.97	-0.53	0.75	62.60	-2517.20	-2496.23	41.62	-231.67
		1527	38.19	0.50	-3.48	-2.40	-0.58	1.77	72.81	-2504.19	-2472.52	41.14	-283.93
		1495	38.49	-0.65	-8.13	-8.04	-0.74	-0.80	18.71	-2530.69	-2524.82	12.83	-122.25
		1455	38.91	-0.74	-9.20	-9.09	-0.85	0.94	18.83	-2556.35	-2551.27	13.74	-114.31
1204	37	1525	33.73	-0.25	-3.31	-3.13	-0.43	0.72	50.74	-2214.09	-2195.97	32.63	-201.76
		1527	33.58	0.34	-3.43	-2.62	-0.47	1.55	59.17	-2202.17	-2175.24	32.23	-245.34
		1495	33.86	-0.57	-8.01	-7.95	-0.63	-0.66	16.05	-2223.25	-2218.23	11.03	-105.90
		1455	34.23	-0.64	-8.98	-8.90	-0.72	0.79	16.16	-2245.73	-2241.37	11.80	-99.20
1205	8	1482	48.99	10.59	-0.25	10.21	0.13	1.98	53.08	-3204.20	-3179.81	28.69	-280.79
		1469	47.74	9.82	-0.39	9.31	0.13	2.24	57.10	-3120.89	-3091.20	27.41	-305.73
		1528	48.48	5.01	-2.12	3.49	-0.60	2.92	80.23	-3175.80	-3138.48	42.92	-346.55
		1526	49.66	4.75	-1.88	3.47	-0.60	2.62	72.83	-3258.67	-3230.10	44.26	-307.20
1205	32	1482	36.55	7.87	-0.18	7.59	0.10	1.49	37.98	-2391.28	-2373.47	20.18	-207.23
		1469	35.61	7.30	-0.29	6.91	0.10	1.68	40.87	-2329.03	-2307.44	19.29	-225.15
		1528	36.14	3.66	-1.61	2.50	-0.44	2.19	57.45	-2368.73	-2341.56	30.28	-255.30
		1526	37.02	3.47	-1.43	2.48	-0.44	1.97	52.06	-2430.70	-2409.82	31.17	-226.74
1205	37	1482	32.22	7.11	-0.14	6.85	0.12	1.35	30.01	-2109.53	-2094.43	14.91	-179.13
		1469	31.39	6.59	-0.23	6.23	0.12	1.52	32.34	-2054.43	-2036.37	14.27	-193.32
		1528	31.78	3.14	-1.50	2.02	-0.38	1.98	45.38	-2086.52	-2063.72	22.58	-219.30
		1526	32.57	2.96	-1.33	2.01	-0.39	1.78	40.90	-2141.47	-2123.72	23.15	-196.00
1206	8	1526	49.68	4.82	-1.54	3.60	-0.33	2.50	73.78	-3259.55	-3230.75	44.98	-308.50
		1528	48.50	5.26	-1.99	3.62	-0.34	3.04	81.18	-3176.57	-3139.08	43.69	-347.42
		1529	49.51	0.50	-3.72	-2.19	-1.03	2.03	87.74	-3252.87	-3212.02	46.89	-367.16
		1527	50.71	0.31	-4.47	-3.10	-1.06	2.16	76.65	-3335.50	-3306.11	47.26	-315.31
1206	32	1526	37.03	3.52	-1.17	2.58	-0.23	1.88	52.75	-2431.34	-2410.29	31.70	-227.68
		1528	36.15	3.85	-1.50	2.59	-0.24	2.27	58.14	-2369.29	-2342.00	30.85	-255.96
		1529	36.90	0.32	-2.90	-1.81	-0.76	1.52	63.25	-2424.72	-2394.93	33.47	-270.56
		1527	37.80	0.19	-3.47	-2.50	-0.78	1.62	55.17	-2486.55	-2465.06	33.67	-232.75
1206	37	1526	32.58	3.02	-1.09	2.10	-0.17	1.71	41.46	-2141.99	-2124.11	23.59	-196.77
		1528	31.80	3.32	-1.38	2.11	-0.18	2.05	45.97	-2087.00	-2064.08	23.05	-219.89
		1529	32.44	0.18	-2.94	-2.09	-0.66	1.39	50.98	-2132.34	-2107.29	25.94	-232.48
		1527	33.24	0.09	-3.47	-2.71	-0.68	1.46	44.26	-2187.26	-2168.98	25.97	-201.18
1207	8	1527	51.22	-0.07	-3.67	-3.00	-0.74	1.40	98.55	-3357.42	-3315.86	56.99	-376.68
		1529	50.17	1.43	-4.29	-2.05	-0.81	2.79	117.52	-3282.56	-3222.26	57.21	-448.78
		1456	50.19	-0.86	-8.77	-8.61	-1.01	-1.09	29.55	-3303.88	-3291.79	17.47	-200.35
		1495	51.70	-0.98	-10.55	-10.36	-1.16	1.31	29.21	-3399.97	-3389.49	18.73	-189.29
1207	32	1527	38.17	-0.05	-2.90	-2.42	-0.53	1.07	71.20	-2502.60	-2472.20	40.80	-278.06
		1529	37.38	1.00	-3.30	-1.71	-0.59	2.08	85.01	-2446.41	-2402.43	41.03	-330.75
		1456	37.41	-0.64	-6.79	-6.68	-0.74	-0.79	21.74	-2461.78	-2452.95	12.91	-147.80
		1495	38.53	-0.72	-8.12	-8.00	-0.85	0.96	21.50	-2533.44	-2525.78	13.84	-139.69
1207	37	1527	33.56	-0.04	-3.03	-2.63	-0.44	1.01	57.81	-2200.84	-2174.97	31.94	-240.35
		1529	32.84	0.75	-3.23	-2.00	-0.48	1.84	69.28	-2150.59	-2113.57	32.26	-284.26
		1456	32.90	-0.56	-6.79	-6.72	-0.63	-0.65	18.56	-2162.40	-2154.93	11.10	-127.35
		1495	33.89	-0.63	-8.00	-7.91	-0.72	0.80	18.37	-2225.53	-2219.04	11.88	-120.53
1208	8	1469	47.74	9.91	-0.48	9.31	0.12	2.42	57.08	-3120.82	-3091.16	27.43	-305.54
		1483	45.59	9.04	-0.69	8.23	0.12	2.69	62.41	-2977.86	-2941.62	26.17	-329.94

		1530	46.46	5.51	-2.59	3.53	-0.61	3.48	90.59	-3033.86	-2985.51	42.24	-385.65
		1528	48.49	5.23	-2.35	3.50	-0.62	3.18	80.22	-3175.76	-3138.48	42.94	-346.38
1208	32	1469	35.61	7.37	-0.36	6.91	0.10	1.82	40.86	-2328.97	-2307.42	19.31	-224.99
		1483	34.00	6.71	-0.51	6.10	0.10	2.01	44.75	-2222.15	-2195.90	18.50	-242.55
		1530	34.62	4.05	-1.97	2.53	-0.45	2.61	65.07	-2262.62	-2227.51	29.96	-283.68
		1528	36.14	3.83	-1.79	2.50	-0.46	2.39	57.44	-2368.70	-2341.56	30.29	-255.19
1208	37	1469	31.39	6.66	-0.31	6.23	0.11	1.66	32.31	-2054.38	-2036.34	14.28	-193.15
		1483	29.96	6.06	-0.44	5.50	0.12	1.82	35.57	-1959.85	-1938.12	13.84	-207.09
		1530	30.44	3.50	-1.84	2.05	-0.39	2.37	51.89	-1992.51	-1963.34	22.71	-242.48
		1528	31.79	3.30	-1.67	2.03	-0.40	2.17	45.37	-2086.51	-2063.72	22.59	-219.23
1209	8	1528	48.51	5.29	-2.01	3.62	-0.34	3.06	81.40	-3176.79	-3139.15	43.75	-348.21
		1530	46.48	5.77	-2.46	3.66	-0.35	3.60	91.88	-3034.81	-2986.13	43.20	-387.07
		1531	47.48	1.38	-3.49	-1.07	-1.04	2.44	102.90	-3111.42	-3055.96	47.44	-418.56
		1529	49.50	1.01	-4.26	-2.18	-1.07	2.58	87.59	-3252.76	-3212.02	46.85	-366.64
1209	32	1528	36.16	3.88	-1.53	2.60	-0.25	2.30	58.30	-2369.45	-2342.04	30.89	-256.51
		1530	34.64	4.24	-1.87	2.62	-0.25	2.70	66.02	-2263.31	-2227.97	30.67	-284.74
		1531	35.36	0.96	-2.70	-0.98	-0.77	1.83	74.34	-2318.88	-2278.56	34.02	-308.03
		1529	36.89	0.70	-3.29	-1.81	-0.79	1.93	63.14	-2424.64	-2394.94	33.44	-270.20
1209	37	1528	31.80	3.36	-1.43	2.12	-0.18	2.10	46.08	-2087.12	-2064.12	23.08	-220.32
		1530	30.45	3.68	-1.72	2.14	-0.18	2.44	52.69	-1993.10	-1963.72	23.31	-220.40
		1531	31.06	0.70	-2.70	-1.33	-0.67	1.67	60.33	-2038.41	-2004.80	26.71	-263.47
		1529	32.43	0.50	-3.27	-2.08	-0.69	1.75	50.90	-2132.29	-2107.30	25.91	-232.23
1210	8	1529	50.13	0.51	-3.34	-2.08	-0.75	1.81	114.95	-3280.07	-3221.85	56.73	-440.79
		1531	48.36	2.32	-4.08	-0.94	-0.82	3.20	139.90	-3148.21	-3066.14	57.83	-512.95
		1494	47.83	-0.81	-6.67	-6.46	-1.02	-1.08	35.07	-3150.28	-3132.81	17.60	-235.24
		1456	50.26	-0.93	-8.78	-8.55	-1.16	1.33	33.96	-3308.25	-3293.14	18.85	-224.24
1210	32	1529	37.35	0.36	-2.63	-1.73	-0.54	1.37	83.13	-2444.60	-2402.13	40.66	-324.87
		1531	36.00	1.65	-3.12	-0.88	-0.59	2.38	101.32	-2345.72	-2286.00	41.61	-377.57
		1494	35.64	-0.61	-5.20	-5.07	-0.75	-0.79	25.73	-2347.07	-2334.34	13.00	-173.34
		1456	37.46	-0.69	-6.79	-6.63	-0.85	0.98	24.95	-2464.96	-2453.94	13.92	-165.30
1210	37	1529	32.82	0.28	-2.74	-2.01	-0.44	1.29	67.71	-2149.07	-2113.31	31.95	-279.27
		1531	31.55	1.29	-3.01	-1.24	-0.48	2.12	82.87	-2060.85	-2011.00	33.03	-323.07
		1494	31.33	-0.54	-5.34	-5.25	-0.63	-0.65	21.84	-2061.03	-2050.35	11.17	-148.73
		1456	32.94	-0.61	-6.79	-6.68	-0.72	0.82	21.22	-2165.03	-2155.76	11.95	-142.04
1211	8	1483	45.59	9.14	-0.80	8.23	0.11	2.87	62.42	-2977.75	-2941.55	26.22	-329.77
		1470	42.56	8.18	-1.07	6.97	0.14	3.12	68.99	-2776.11	-2731.54	24.42	-353.33
		1532	43.59	6.05	-3.04	3.58	-0.57	4.05	104.54	-2833.67	-2771.04	41.91	-424.37
		1530	46.46	5.74	-2.83	3.54	-0.63	3.74	90.56	-3033.82	-2985.51	42.25	-385.49
1211	32	1483	34.00	6.79	-0.60	6.10	0.09	2.15	44.75	-2222.07	-2195.84	18.53	-242.40
		1470	31.74	6.07	-0.80	5.16	0.12	2.34	49.61	-2071.38	-2039.17	17.40	-259.39
		1532	32.48	4.45	-2.31	2.56	-0.42	3.04	75.41	-2112.94	-2067.58	30.04	-311.80
		1530	34.62	4.22	-2.15	2.53	-0.46	2.81	65.04	-2262.59	-2227.51	29.97	-283.58
1211	37	1483	29.97	6.14	-0.53	5.50	0.11	1.97	35.56	-1959.77	-1938.07	13.86	-206.93
		1470	27.96	5.48	-0.71	4.64	0.13	2.13	39.76	-1826.41	-1799.99	13.33	-220.50
		1532	28.54	3.88	-2.16	2.08	-0.36	2.76	60.89	-1859.91	-1822.50	23.48	-265.44
		1530	30.44	3.67	-2.02	2.05	-0.40	2.56	51.87	-1992.49	-1963.33	22.71	-242.41
1212	8	1530	46.49	5.80	-2.49	3.67	-0.35	3.62	92.12	-3035.07	-2986.19	43.25	-387.87
		1532	43.62	6.32	-2.92	3.71	-0.30	4.17	106.42	-2834.86	-2771.70	43.26	-426.36
		1533	44.74	2.54	-3.32	0.24	-1.02	2.86	123.66	-2911.67	-2837.24	49.23	-469.46
		1531	47.49	1.91	-4.05	-1.06	-1.08	2.98	102.69	-3111.33	-3056.00	47.37	-418.05
1212	32	1530	34.65	4.27	-1.89	2.63	-0.25	2.72	66.18	-2263.49	-2228.01	30.70	-285.31
		1532	32.50	4.66	-2.21	2.66	-0.21	3.12	76.80	-2113.81	-2068.06	31.05	-313.26
		1533	33.30	1.81	-2.55	0.01	-0.75	2.15	89.59	-2169.43	-2115.42	35.59	-345.08
		1531	35.37	1.36	-3.12	-0.97	-0.80	2.24	74.20	-2318.83	-2278.59	33.96	-307.68
1212	37	1530	30.46	3.73	-1.77	2.15	-0.19	2.49	52.81	-1993.23	-1963.75	23.33	-243.84
		1532	28.56	4.07	-2.05	2.18	-0.15	2.83	62.08	-1860.64	-1822.91	24.35	-266.69
		1533	29.19	1.42	-2.51	-0.43	-0.65	1.96	73.27	-1905.75	-1861.08	28.60	-293.96
		1531	31.05	1.05	-3.06	-1.32	-0.69	2.03	60.21	-2038.39	-2004.83	26.66	-263.23
1213	8	1531	48.27	1.35	-3.07	-0.96	-0.76	2.21	136.92	-3145.39	-3065.77	57.31	-504.95
		1533	45.83	3.45	-3.88	0.38	-0.81	3.62	169.75	-2957.32	-2847.20	59.63	-576.40
		1457	44.53	-0.68	-4.32	-3.97	-1.02	-1.07	42.42	-2934.75	-2910.11	17.78	-269.74
		1494	47.91	-0.84	-6.72	-6.39	-1.17	1.35	40.15	-3155.40	-3134.23	18.98	-259.23
1213	32	1531	35.93	0.96	-2.40	-0.89	-0.55	1.67	99.15	-2343.66	-2285.73	41.22	-371.69
		1533	34.10	2.48	-2.95	0.11	-0.58	2.70	123.12	-2202.64	-2122.67	43.16	-423.78
		1457	33.18	-0.52	-3.43	-3.20	-0.75	-0.78	31.05	-2186.06	-2168.14	13.13	-198.54
		1494	35.70	-0.63	-5.24	-5.02	-0.85	0.99	29.43	-2350.79	-2335.38	14.01	-190.92
1213	37	1531	31.53	0.77	-2.47	-1.25	-0.45	1.57	81.05	-2059.14	-2010.77	32.69	-318.08
		1533	29.85	2.01	-2.82	-0.33	-0.48	2.41	101.12	-1933.34	-1867.06	34.84	-361.17
		1457	29.15	-0.50	-3.69	-3.55	-0.64	-0.64	26.18	-1918.66	-1903.73	11.26	-169.71
		1494	31.38	-0.57	-5.36	-5.21	-0.72	0.83	24.89	-2064.10	-2051.23	12.01	-163.48
1214	8	1470	42.57	8.31	-1.21	6.98	0.13	3.30	69.05	-2775.92	-2731.38	24.50	-353.21
		1484	38.69	7.28	-1.51	5.54	0.23	3.50	76.68	-2517.44	-2462.02	21.26	-375.08
		1534	39.91	6.62	-3.42	3.60	-0.39	4.61	123.22	-2576.50	-2494.96	41.68	-462.05
		1532	43.59	6.29	-3.29	3.59	-0.59	4.31	104.51	-2833.63	-2771.04	41.92	-424.25
1214	32	1470	31.74	6.17	-0.91	5.16	0.10	2.48	49.64	-2071.24	-2039.05	17.46	-259.28
		1484	28.85	5.40	-1.14	4.08	0.18	2.62	55.35	-1878.04	-1838.07	15.38	-275.11
		1534	29.72	4.88	-2.59	2.57	-0.28	3.46	89.36	-1920.64	-1861.68	30.40	-339.16

1214	37	1532	32.48	4.63	-2.50	2.57	-0.44	3.23	75.39	-2112.92	-2067.57	30.04	-311.72
		1470	27.96	5.59	-0.82	4.64	0.12	2.27	39.77	-1826.28	-1799.88	13.37	-220.37
		1484	25.40	4.87	-1.02	3.66	0.19	2.39	44.86	-1655.26	-1622.66	12.27	-233.14
1215	8	1534	26.09	4.29	-2.43	2.09	-0.24	3.15	73.25	-1689.49	-1641.18	24.94	-287.79
		1532	28.54	4.06	-2.34	2.09	-0.38	2.95	60.87	-1859.90	-1822.50	23.47	-265.39
		1532	43.63	6.35	-2.95	3.72	-0.32	4.19	106.71	-2835.16	-2771.75	43.30	-427.21
		1534	39.96	6.92	-3.32	3.73	-0.13	4.74	126.16	-2578.01	-2495.66	43.81	-464.65
		1535	41.20	4.02	-3.20	1.76	-0.93	3.35	152.57	-2653.97	-2554.53	53.12	-518.86
1215	32	1533	44.75	3.06	-3.87	0.25	-1.07	3.40	123.38	-2911.66	-2837.37	49.09	-468.99
		1532	32.51	4.68	-2.24	2.67	-0.22	3.15	76.99	-2114.02	-2068.10	31.07	-313.87
		1534	29.76	5.11	-2.51	2.67	-0.08	3.55	91.53	-1921.74	-1862.20	31.99	-341.06
1215	37	1535	30.66	2.91	-2.45	1.15	-0.69	2.51	110.88	-1976.53	-1904.55	38.89	-380.90
		1533	33.31	2.20	-2.97	0.02	-0.79	2.55	89.39	-2169.43	-2115.52	35.48	-344.76
		1532	28.56	4.12	-2.10	2.18	-0.16	2.88	62.21	-1860.80	-1822.94	24.35	-267.16
		1534	26.13	4.50	-2.34	2.19	-0.03	3.23	75.12	-1690.42	-1641.64	26.34	-289.38
		1535	26.84	2.39	-2.37	0.61	-0.59	2.30	91.49	-1734.41	-1675.29	32.37	-323.18
1216	8	1533	29.20	1.77	-2.88	-0.42	-0.68	2.32	73.10	-1905.78	-1861.17	28.49	-293.75
		1533	45.72	2.48	-2.87	0.35	-0.75	2.62	166.28	-2954.15	-2846.92	59.05	-568.44
		1535	42.57	4.90	-3.71	1.93	-0.74	4.09	210.11	-2710.55	-2563.92	63.47	-637.78
		1493	40.28	-0.02	-2.16	-1.14	-1.04	-1.07	52.46	-2655.69	-2621.33	18.10	-303.11
		1457	44.62	-0.61	-4.48	-3.91	-1.17	1.37	48.33	-2940.83	-2911.66	19.15	-293.85
1216	32	1533	34.02	1.78	-2.23	0.10	-0.54	1.98	120.59	-2200.33	-2122.47	42.72	-417.92
		1535	31.65	3.56	-2.82	1.27	-0.53	3.06	152.64	-2017.59	-1911.34	46.38	-468.30
		1493	30.00	-0.13	-1.71	-1.07	-0.76	-0.77	38.29	-1977.54	-1952.60	13.35	-222.82
1216	37	1457	33.25	-0.48	-3.53	-3.16	-0.86	1.00	35.34	-2190.48	-2169.28	14.14	-216.21
		1533	29.79	1.46	-2.25	-0.35	-0.45	1.85	99.00	-1931.43	-1866.89	34.45	-356.21
		1535	27.65	2.95	-2.65	0.73	-0.43	2.74	125.91	-1768.26	-1680.79	38.45	-397.52
		1493	26.33	-0.33	-1.93	-1.61	-0.65	-0.64	32.04	-1734.15	-1713.53	11.42	-189.70
		1457	29.20	-0.49	-3.75	-3.52	-0.73	0.84	29.71	-1922.30	-1904.70	12.10	-184.54
1217	8	1484	38.69	7.43	-1.67	5.55	0.21	3.69	76.83	-2517.09	-2461.68	21.42	-375.06
		1471	34.01	6.28	-1.89	3.92	0.46	3.70	84.91	-2205.26	-2135.57	15.23	-393.36
		1536	35.46	7.19	-3.63	3.47	0.09	5.14	148.35	-2264.43	-2157.24	41.16	-497.13
		1534	39.92	6.87	-3.68	3.62	-0.43	4.87	123.24	-2576.47	-2494.94	41.72	-462.01
		1484	28.85	5.52	-1.26	4.09	0.17	2.77	55.45	-1877.79	-1837.82	15.49	-275.08
1217	32	1471	25.35	4.66	-1.43	2.87	0.36	2.77	61.61	-1644.67	-1594.44	11.38	-288.42
		1536	26.39	5.31	-2.76	2.47	0.08	3.86	108.25	-1687.22	-1609.83	30.86	-364.64
		1534	29.73	5.07	-2.79	2.59	-0.31	3.66	89.37	-1920.62	-1861.67	30.42	-339.14
		1484	25.40	5.00	-1.15	3.66	0.18	2.54	44.93	-1655.02	-1622.44	12.35	-233.07
		1471	22.29	4.21	-1.30	2.55	0.36	2.53	50.65	-1448.56	-1407.73	9.82	-244.01
1217	37	1536	23.14	4.70	-2.60	2.00	0.10	3.52	90.26	-1482.50	-1419.41	27.17	-308.62
		1534	26.10	4.47	-2.62	2.11	-0.26	3.34	73.24	-1689.48	-1641.17	24.93	-287.80
		1534	39.97	6.95	-3.35	3.75	-0.15	4.76	126.53	-2578.35	-2495.69	43.86	-465.58
		1536	35.53	7.53	-3.59	3.58	0.36	5.32	153.16	-2266.33	-2157.96	44.78	-500.46
		1537	36.93	5.93	-3.12	3.46	-0.64	4.04	193.92	-2338.03	-2205.08	60.97	-564.75
1218	8	1535	41.22	4.52	-3.73	1.77	-0.98	3.89	152.17	-2654.15	-2554.84	52.87	-518.48
		1534	29.77	5.14	-2.54	2.69	-0.10	3.58	91.78	-1921.99	-1862.23	32.02	-341.72
		1536	26.45	5.58	-2.72	2.56	0.29	3.99	111.82	-1688.61	-1610.38	33.59	-367.05
		1537	27.45	4.34	-2.38	2.42	-0.47	3.03	141.42	-1739.91	-1643.92	45.43	-413.97
		1535	30.67	3.28	-2.85	1.16	-0.72	2.91	110.58	-1976.68	-1904.78	38.69	-380.65
1218	37	1534	26.13	4.55	-2.39	2.20	-0.05	3.28	75.28	-1690.60	-1641.65	26.34	-289.90
		1536	23.19	4.94	-2.54	2.09	0.31	3.63	93.37	-1483.67	-1419.92	29.62	-310.59
		1537	23.98	3.68	-2.29	1.77	-0.39	2.78	117.79	-1523.94	-1445.74	39.60	-349.66
		1535	26.85	2.72	-2.73	0.62	-0.62	2.66	91.23	-1734.56	-1675.50	32.17	-323.03
		1535	42.44	3.95	-2.74	1.90	-0.69	3.08	206.02	-2707.08	-2563.83	62.77	-629.90
1219	8	1537	38.64	6.84	-3.62	3.74	-0.53	4.77	265.76	-2407.73	-2213.24	71.28	-694.35
		1458	35.26	2.47	-1.38	2.16	-1.08	-1.05	66.65	-2309.41	-2261.52	18.76	-333.91
		1493	40.40	0.25	-2.52	-1.09	-1.19	1.38	59.41	-2663.14	-2623.18	19.45	-327.41
		1535	31.56	2.87	-2.11	1.26	-0.50	2.33	149.65	-2015.07	-1911.27	45.85	-462.52
		1537	28.69	5.01	-2.74	2.64	-0.37	3.57	193.40	-1790.33	-1649.73	52.81	-509.05
1219	32	1458	26.22	1.64	-1.03	1.40	-0.79	-0.76	48.48	-1718.67	-1684.02	13.82	-245.04
		1493	30.09	0.06	-1.97	-1.04	-0.87	1.01	43.33	-1982.95	-1953.96	14.34	-240.63
		1535	27.58	2.40	-2.09	0.71	-0.40	2.18	123.41	-1766.18	-1680.74	37.96	-392.62
		1537	24.99	4.25	-2.56	1.97	-0.28	3.22	160.28	-1565.11	-1450.25	45.42	-430.10
		1458	22.92	0.90	-0.92	0.65	-0.67	-0.62	40.20	-1504.88	-1476.47	11.79	-207.57
1220	8	1493	26.40	-0.21	-2.11	-1.58	-0.74	0.85	36.17	-1738.60	-1714.68	12.25	-204.65
		1471	34.01	6.45	-2.08	3.92	0.45	3.90	85.23	-2204.60	-2134.84	15.47	-393.52
		1485	28.60	5.09	-2.04	2.11	0.94	3.51	92.31	-1846.12	-1757.73	3.92	-404.37
		1538	30.30	7.65	-3.59	2.90	1.16	5.55	182.05	-1900.96	-1758.34	39.44	-526.05
		1536	35.47	7.45	-3.91	3.50	0.04	5.41	148.51	-2264.39	-2157.14	41.25	-497.29
1220	32	1471	25.34	4.79	-1.58	2.87	0.35	2.93	61.83	-1644.17	-1593.89	11.55	-288.52
		1485	21.30	3.77	-1.54	1.51	0.72	2.63	67.39	-1376.11	-1312.37	3.65	-296.55
		1538	22.53	5.67	-2.73	2.05	0.89	4.16	133.75	-1415.21	-1312.36	30.90	-385.66
1220	37	1536	26.40	5.52	-2.97	2.50	0.04	4.06	108.35	-1687.19	-1609.75	30.91	-364.77
		1471	22.29	4.35	-1.45	2.55	0.35	2.68	50.82	-1448.11	-1407.26	9.97	-244.06
		1485	18.71	3.41	-1.42	1.30	0.69	2.39	56.35	-1210.54	-1158.75	4.56	-250.86
		1538	19.72	5.05	-2.59	1.61	0.85	3.80	113.59	-1241.03	-1157.52	30.08	-325.81
		1536	23.15	4.89	-2.80	2.03	0.07	3.72	90.32	-1482.49	-1419.34	27.18	-308.75

1221	8	1536	35.54	7.58	-3.62	3.63	0.33	5.35	153.74	-2266.72	-2157.89	44.91	-501.57
		1538	30.41	8.11	-3.67	2.95	1.50	5.84	190.19	-1903.32	-1758.93	45.80	-530.49
		1539	31.96	8.49	-3.12	5.24	0.13	5.21	254.98	-1961.70	-1783.29	76.58	-603.03
		1537	36.95	6.40	-3.64	3.48	-0.72	4.56	193.33	-2338.63	-2205.77	60.47	-564.58
1221	32	1536	26.46	5.62	-2.75	2.60	0.27	4.02	112.21	-1688.88	-1610.33	33.66	-367.85
		1538	22.62	6.02	-2.79	2.08	1.15	4.38	139.82	-1416.94	-1312.85	35.73	-388.86
		1539	23.72	6.26	-2.38	3.76	0.12	3.92	186.62	-1457.78	-1329.41	58.25	-441.15
		1537	27.47	4.69	-2.77	2.44	-0.52	3.42	140.96	-1740.38	-1644.43	45.02	-413.88
1221	37	1536	23.20	5.01	-2.60	2.12	0.29	3.69	93.64	-1483.87	-1419.87	29.64	-311.22
		1538	19.79	5.38	-2.63	1.65	1.11	3.99	118.95	-1242.49	-1158.06	34.52	-328.37
		1539	20.64	5.44	-2.29	2.99	0.16	3.60	157.00	-1272.43	-1168.90	53.48	-370.49
		1537	23.99	4.00	-2.64	1.79	-0.44	3.13	117.38	-1524.38	-1446.19	39.18	-349.65
1222	8	1537	38.50	5.91	-2.68	3.72	-0.49	3.74	260.89	-2404.13	-2213.55	70.31	-686.71
		1539	34.10	9.60	-3.70	5.84	0.05	5.98	344.22	-2045.83	-1788.78	87.17	-740.46
		1492	29.29	6.43	-1.27	6.31	-1.15	-0.96	87.84	-1887.53	-1819.98	20.28	-358.99
		1458	35.53	2.68	-1.74	2.17	-1.24	1.41	74.97	-2318.99	-2264.03	20.01	-358.54
1222	32	1537	28.59	4.34	-2.06	2.63	-0.35	2.83	189.83	-1787.73	-1649.97	52.07	-503.44
		1539	25.26	7.08	-2.80	4.22	0.07	4.48	250.94	-1518.34	-1333.13	65.73	-541.65
		1492	21.76	4.61	-0.93	4.52	-0.85	-0.69	63.62	-1403.09	-1354.40	14.93	-262.75
		1458	26.42	1.80	-1.30	1.41	-0.91	1.03	54.51	-1725.64	-1685.87	14.74	-263.10
1222	37	1537	24.91	3.72	-2.01	1.97	-0.26	2.64	157.27	-1563.00	-1450.46	44.73	-425.37
		1539	21.89	6.15	-2.61	3.42	0.13	4.06	208.97	-1321.18	-1171.34	59.13	-454.78
		1492	18.95	3.58	-0.80	3.51	-0.73	-0.56	52.15	-1224.96	-1185.52	12.71	-220.93
		1458	23.07	1.06	-1.18	0.65	-0.77	0.87	45.13	-1510.63	-1478.06	12.55	-222.75
1223	8	1485	28.59	5.29	-2.23	2.10	0.96	3.72	92.86	-1844.79	-1756.17	4.24	-404.80
		1472	22.62	3.60	-1.79	0.19	1.61	2.60	96.07	-1452.60	-1340.71	-15.83	-400.96
		1540	24.53	7.83	-3.30	1.40	3.13	5.50	225.85	-1492.55	-1301.19	34.49	-540.58
		1538	30.31	7.95	-3.88	2.95	1.12	5.85	182.54	-1900.80	-1757.83	39.58	-526.69
1223	32	1485	21.29	3.93	-1.69	1.50	0.73	2.78	67.79	-1375.11	-1311.21	3.89	-296.85
		1472	16.83	2.66	-1.37	0.07	1.23	1.93	70.66	-1081.74	-1000.93	-10.15	-294.28
		1540	18.22	5.82	-2.53	0.91	2.38	4.11	167.12	-1109.33	-971.44	29.24	-396.22
		1538	22.55	5.90	-2.96	2.09	0.86	4.39	134.09	-1415.10	-1311.99	30.98	-386.14
1223	37	1485	18.71	3.57	-1.57	1.30	0.70	2.55	56.69	-1209.64	-1157.73	4.78	-251.08
		1472	14.76	2.42	-1.28	-5.63e-03	1.15	1.76	60.26	-949.42	-883.55	-5.60	-249.32
		1540	15.89	5.23	-2.45	0.56	2.22	3.75	144.60	-968.95	-857.36	33.00	-334.38
		1538	19.73	5.27	-2.81	1.64	0.82	4.02	113.84	-1240.94	-1157.21	30.11	-326.23
1224	8	1538	30.43	8.23	-3.70	3.03	1.49	5.92	191.39	-1903.55	-1758.39	46.23	-532.01
		1540	24.70	8.49	-3.68	1.13	3.68	5.95	239.38	-1495.53	-1301.18	45.04	-547.18
		1541	26.39	12.08	-3.34	6.63	2.11	7.38	347.82	-1517.87	-1277.83	107.77	-624.68
		1539	32.01	8.97	-3.66	5.32	-0.02	5.72	254.05	-1963.28	-1784.71	75.48	-603.38
1224	32	1538	22.63	6.12	-2.82	2.15	1.15	4.44	140.67	-1417.09	-1312.45	36.03	-389.95
		1540	18.34	6.33	-2.82	0.70	2.80	4.45	177.29	-1111.53	-971.56	37.33	-401.00
		1541	19.53	8.99	-2.57	4.79	1.63	5.56	255.53	-1124.50	-952.66	83.70	-455.64
		1539	23.75	6.62	-2.79	3.82	9.57e-03	4.30	185.89	-1458.98	-1330.47	57.37	-441.45
1224	37	1538	19.80	5.49	-2.69	1.70	1.10	4.08	119.59	-1242.57	-1157.71	34.73	-329.24
		1540	16.00	5.71	-2.71	0.37	2.62	4.05	153.74	-970.85	-857.73	40.62	-338.26
		1541	16.87	7.99	-2.51	3.93	1.55	5.11	217.16	-974.17	-837.61	80.60	-379.53
		1539	20.67	5.76	-2.66	3.05	0.05	3.94	156.26	-1273.52	-1169.83	52.57	-370.83
1225	8	1539	33.95	8.69	-2.73	5.88	0.08	4.92	338.40	-2042.67	-1789.94	85.67	-733.41
		1541	29.02	13.84	-4.26	8.03	1.55	8.44	456.64	-1613.32	-1277.12	120.44	-763.47
		1459	22.11	12.47	-1.27	12.45	-1.25	-0.59	123.14	-1370.85	-1272.22	24.52	-370.97
		1492	29.65	6.49	-1.64	6.21	-1.36	1.47	97.95	-1901.05	-1824.19	21.10	-384.35
1225	32	1539	25.15	6.43	-2.10	4.24	0.09	3.72	246.66	-1516.09	-1334.00	64.57	-536.50
		1541	21.41	10.29	-3.23	5.86	1.20	6.35	333.51	-1192.58	-951.59	92.52	-556.50
		1459	16.37	9.17	-0.94	9.15	-0.92	-0.41	88.68	-1016.11	-945.51	18.08	-270.21
		1492	22.01	4.65	-1.21	4.45	-1.00	1.08	70.94	-1412.94	-1357.52	15.52	-281.36
1225	37	1539	21.80	5.63	-2.04	3.45	0.14	3.46	205.31	-1319.43	-1172.10	57.99	-450.47
		1541	18.37	9.12	-3.03	4.92	1.18	5.78	279.07	-1027.54	-835.48	87.00	-462.67
		1459	14.14	7.77	-0.80	7.76	-0.79	-0.29	71.55	-880.73	-824.62	15.44	-224.24
		1492	19.16	3.62	-1.04	3.43	-0.86	0.91	58.10	-1233.12	-1188.20	13.17	-236.61
1226	8	1472	22.59	3.84	-1.96	0.16	1.72	2.79	96.98	-1449.70	-1337.46	-15.26	-401.25
		1486	16.53	2.12	-1.55	-1.39	1.97	0.73	92.32	-1049.24	-910.59	-46.33	-372.90
		1542	18.34	7.55	-3.29	-1.50	5.77	4.02	277.03	-1052.82	-799.75	23.97	-522.01
		1540	24.54	8.13	-3.62	1.38	3.13	5.81	226.63	-1491.89	-1299.06	33.81	-542.39
1226	32	1472	16.81	2.85	-1.50	0.05	1.31	2.08	71.35	-1079.55	-998.49	-9.71	-294.48
		1486	12.29	1.59	-1.21	-1.11	1.49	0.52	68.51	-779.90	-679.51	-31.88	-274.03
		1542	13.58	5.65	-2.57	-1.28	4.37	2.98	206.44	-779.48	-597.33	24.30	-382.63
		1540	18.23	6.05	-2.77	0.89	2.38	4.35	167.67	-1108.84	-969.88	28.71	-397.58
1226	37	1472	14.74	2.61	-1.41	-0.03	1.23	1.91	60.89	-947.44	-881.40	-5.15	-249.46
		1486	10.75	1.46	-1.16	-1.07	1.38	0.47	59.76	-681.42	-599.14	-22.52	-232.84
		1542	11.77	5.14	-2.55	-1.44	4.04	2.70	181.82	-674.51	-527.63	34.95	-322.80
		1540	15.90	5.45	-2.68	0.55	2.22	3.98	145.00	-968.55	-856.05	32.50	-335.59
1227	8	1540	24.72	8.86	-3.75	1.21	3.91	6.16	242.91	-1494.14	-1298.32	47.09	-549.36
		1542	18.59	8.35	-4.47	-2.81	6.69	4.30	295.70	-1059.28	-799.13	35.55	-533.69
		1543	20.34	17.35	-4.52	5.72	7.11	10.91	490.29	-986.39	-668.09	171.99	-607.22
		1541	26.48	12.62	-4.03	6.89	1.70	7.91	345.94	-1521.84	-1280.26	104.35	-626.79
1227	32	1540	18.36	6.62	-2.88	0.76	2.97	4.62	179.88	-1110.44	-969.44	38.89	-402.56

		1542	13.76	6.26	-3.47	-2.28	5.08	3.19	220.63	-784.35	-597.13	33.42	-391.28
		1543	14.95	13.00	-3.51	4.07	5.42	8.23	361.65	-724.22	-498.40	135.83	-440.70
		1541	19.59	9.39	-3.08	4.99	1.32	5.96	253.99	-1127.49	-954.49	80.98	-457.24
1227	37	1540	16.01	6.00	-2.79	0.43	2.78	4.23	155.94	-969.80	-855.90	42.04	-339.49
		1542	11.93	5.73	-3.38	-2.37	4.71	2.86	194.93	-678.92	-528.02	44.03	-330.29
		1543	12.72	11.76	-3.47	3.22	5.07	7.56	310.64	-613.57	-438.63	135.70	-362.05
		1541	16.93	8.34	-2.95	4.11	1.27	5.46	215.47	-976.88	-839.26	77.85	-380.99
1228	8	1541	28.89	13.13	-3.07	8.35	1.71	7.39	450.94	-1611.99	-1279.85	118.80	-758.20
		1543	23.35	20.62	-6.66	8.62	5.34	13.54	615.70	-1073.98	-650.48	192.19	-732.28
		1491	13.48	24.14	-1.01	24.10	-0.96	1.05	201.64	-716.97	-555.40	40.06	-349.74
		1459	22.63	12.23	-2.01	12.02	-1.80	1.71	134.48	-1393.82	-1281.73	22.40	-398.41
1228	32	1541	21.32	9.79	-2.36	6.10	1.32	5.59	329.28	-1191.71	-953.63	91.21	-552.66
		1543	17.09	15.44	-5.09	6.26	4.08	10.21	450.48	-785.07	-484.53	149.94	-530.10
		1491	9.86	18.00	-0.74	17.97	-0.70	0.84	144.21	-524.92	-410.56	29.84	-251.88
		1459	16.74	8.97	-1.49	8.82	-1.33	1.26	96.79	-1032.93	-952.55	16.41	-290.42
1228	37	1541	18.30	8.75	-2.32	5.15	1.29	5.19	275.40	-1027.04	-837.28	85.64	-459.50
		1543	14.37	13.93	-4.82	5.25	3.86	9.35	378.78	-657.55	-424.79	146.02	-432.48
		1491	8.26	15.96	-0.63	15.91	-0.59	0.87	114.11	-440.70	-352.77	26.18	-202.62
		1459	14.45	7.59	-1.30	7.45	-1.16	1.08	77.92	-894.86	-830.71	13.77	-241.42
1229	8	1486	16.41	2.43	-1.54	-1.28	2.18	0.98	94.98	-1040.35	-903.69	-41.68	-369.43
		1473	11.14	1.73	-2.40	-1.83	1.16	-1.42	82.05	-686.83	-516.88	-87.90	-319.04
		1544	12.41	6.57	-4.60	-4.60	6.57	-0.07	319.75	-607.45	-307.35	19.65	-433.81
		1542	18.34	7.53	-3.68	-1.95	5.79	4.06	274.91	-1054.60	-794.30	14.61	-527.56
1229	32	1486	12.20	1.82	-1.20	-1.03	1.64	0.71	70.56	-773.15	-674.26	-28.32	-271.39
		1473	8.26	1.31	-1.85	-1.41	0.87	-1.09	61.48	-508.70	-385.23	-61.98	-234.85
		1544	9.17	4.94	-3.61	-3.60	4.94	-0.13	239.86	-444.48	-229.35	24.73	-317.71
		1542	13.58	5.64	-2.87	-1.62	4.39	3.01	204.76	-780.89	-593.38	17.25	-386.86
1229	37	1486	10.66	1.68	-1.15	-0.99	1.52	0.65	61.72	-675.24	-594.32	-19.20	-230.40
		1473	7.18	1.20	-1.71	-1.31	0.80	-1.00	54.91	-440.62	-338.65	-47.06	-200.33
		1544	7.90	4.54	-3.54	-3.53	4.54	-0.19	214.78	-373.51	-202.01	43.27	-267.36
		1542	11.77	5.14	-2.83	-1.75	4.06	2.73	180.13	-675.91	-524.38	28.60	-326.73
1230	8	1542	18.50	9.97	-4.86	-3.03	8.14	4.88	308.97	-1044.05	-785.30	50.22	-532.11
		1544	13.38	6.92	-7.97	-7.60	6.56	-2.30	324.32	-656.85	-324.30	-8.23	-464.43
		1545	13.97	24.72	-9.92	-3.84	18.64	13.18	687.12	-300.85	62.97	323.30	-476.53
		1543	20.57	17.56	-5.57	6.30	5.69	11.56	483.14	-1001.48	-668.39	150.05	-619.33
1230	32	1542	13.70	7.49	-3.77	-2.45	6.16	3.63	230.73	-772.72	-586.74	44.75	-389.92
		1544	9.91	5.25	-6.17	-5.87	4.95	-1.83	243.73	-482.04	-242.56	4.25	-341.26
		1545	10.13	18.62	-7.72	-3.24	14.14	9.90	509.48	-205.40	46.50	257.58	-341.51
		1543	15.12	13.14	-4.28	4.51	4.35	8.71	355.63	-735.66	-498.87	118.84	-449.82
1230	37	1542	11.87	6.87	-3.69	-2.53	5.71	3.30	204.29	-668.14	-518.69	54.85	-328.70
		1544	8.59	4.87	-5.92	-5.62	4.56	-1.80	219.16	-408.13	-214.86	25.89	-289.62
		1545	8.36	17.09	-7.58	-3.62	13.13	9.05	443.96	-141.27	40.50	262.19	-270.81
		1543	12.87	11.86	-4.14	3.64	4.09	7.99	303.81	-624.00	-439.56	119.38	-370.27
1231	7	1543	23.28	21.20	-3.78	10.50	6.92	12.36	622.83	-1066.90	-620.49	176.42	-745.01
		1545	17.44	28.27	-16.38	-0.47	12.37	21.38	795.21	-393.37	125.49	276.35	-589.48
		1460	10.98	51.32	1.86	50.07	3.10	7.74	628.42	-8.98	504.09	115.34	-252.56
		1491	14.33	22.01	-4.19	21.77	-3.94	2.53	211.17	-766.83	-568.13	12.47	-393.50
1231	31	1543	17.04	15.99	-2.98	7.68	5.33	9.41	455.78	-779.58	-464.62	140.82	-538.42
		1545	12.51	21.37	-12.72	-0.84	9.49	16.24	582.36	-263.01	93.90	225.45	-417.54
		1460	8.04	38.90	1.40	37.92	2.39	5.99	461.11	10.27	382.08	89.30	-171.42
		1491	10.48	16.45	-3.15	16.26	-2.96	1.91	149.35	-562.80	-421.52	8.07	-283.99
1231	37	1543	14.40	15.02	-3.23	6.44	5.35	9.11	386.26	-655.38	-425.62	156.50	-431.90
		1545	9.82	20.24	-13.13	-2.32	9.43	15.61	495.38	-144.61	85.80	264.97	-307.20
		1460	6.98	37.14	1.32	36.08	2.39	6.09	397.97	57.68	364.61	91.04	-101.19
		1491	8.83	14.97	-2.92	14.79	-2.74	1.78	109.54	-480.02	-373.88	3.41	-226.51
1232	8	1473	10.43	1.69	-1.79	-1.44	1.33	-1.05	92.45	-635.32	-485.23	-57.64	-294.46
		1487	7.98	1.48	-2.40	-0.17	-0.74	-1.92	85.86	-473.42	-236.76	-150.80	-276.52
		1546	6.85	4.13	-7.82	-5.16	1.47	-4.97	321.46	-164.25	66.06	91.15	-242.33
		1544	13.19	6.13	-5.44	-5.40	6.09	-0.72	305.13	-671.75	-331.11	-35.52	-465.54
1232	32	1473	7.72	1.26	-1.39	-1.12	0.99	-0.81	69.44	-469.73	-361.14	-39.15	-216.23
		1487	5.90	1.12	-1.79	-0.12	-0.56	-1.44	64.68	-349.26	-176.47	-108.11	-204.13
		1546	5.03	3.12	-6.05	-3.98	1.05	-3.84	242.92	-110.28	50.81	81.83	-175.92
		1544	9.75	4.63	-4.24	-4.20	4.59	-0.61	228.55	-493.07	-247.66	-16.86	-341.86
1232	37	1473	6.69	1.14	-1.30	-1.05	0.89	-0.73	62.35	-405.11	-316.36	-26.39	-183.33
		1487	5.09	1.02	-1.56	-0.07	-0.47	-1.27	58.47	-299.61	-155.16	-85.97	-175.67
		1546	4.29	2.89	-5.77	-3.81	0.93	-3.62	221.68	-71.68	48.24	101.75	-144.22
		1544	8.41	4.27	-4.11	-4.07	4.22	-0.62	203.88	-417.64	-219.41	5.65	-289.67
1233	21	1544	10.84	10.27	-9.90	-9.52	9.90	-2.73	386.32	-393.94	-234.37	226.75	-314.71
		1546	11.67	8.99	-14.12	2.26	-7.38	-10.50	267.38	-547.68	-189.49	-90.80	-404.53
		1547	16.68	30.94	-41.13	-40.59	30.41	-6.18	1225.94	693.15	793.66	1125.44	208.44
		1545	12.84	19.89	-13.66	-8.73	14.96	11.88	594.22	-318.44	39.87	235.91	-455.67
1233	35	1544	8.11	7.76	-7.47	-7.19	7.48	-2.04	290.62	-292.70	-175.09	173.01	-234.04
		1546	8.73	6.79	-10.62	1.71	-5.54	-7.91	201.08	-408.64	-142.29	-65.27	-302.42
		1547	12.64	23.39	-31.08	-30.68	22.99	-4.66	928.83	518.76	595.60	852.00	160.01
		1545	9.55	15.00	-10.35	-6.63	11.28	8.96	443.74	-234.27	29.25	180.21	-330.49
1233	37	1544	7.47	7.12	-5.86	-5.75	7.01	-1.18	249.08	-295.80	-162.55	115.83	-234.20
		1546	8.09	5.69	-8.80	1.38	-4.49	-6.63	172.93	-391.91	-123.89	-95.08	-282.05

		1547	9.85	21.27	-25.60	-25.37	21.04	-3.26	714.34	477.11	529.93	661.52	98.70
		1545	9.67	13.89	-8.69	-4.88	10.08	8.46	422.26	-265.37	38.50	118.39	-341.49
1234	22	1545	14.43	51.90	-12.67	2.51	36.72	27.38	945.31	57.09	242.13	760.27	-360.72
		1547	12.00	14.06	-81.67	-72.38	4.76	28.35	656.55	527.16	655.92	527.79	-8.98
		1490	53.68	153.22	26.84	139.84	40.22	38.88	3445.36	854.34	3151.76	1147.94	821.30
		1460	13.63	50.10	-22.19	49.29	-21.38	7.61	461.63	-422.21	353.28	-313.86	-289.86
1234	36	1545	10.60	39.10	-9.64	1.74	27.71	20.62	703.95	54.96	181.37	577.55	-257.02
		1547	8.95	10.56	-61.74	-54.70	3.52	21.43	488.97	406.83	488.95	406.85	1.27
		1490	40.27	115.31	20.21	105.25	30.27	29.25	2583.32	639.46	2351.20	871.58	630.34
		1460	10.19	37.61	-16.71	37.00	-16.09	5.74	341.76	-316.48	265.11	-239.84	-211.13
1234	37	1545	9.90	35.56	-8.20	2.55	24.81	18.84	623.96	11.12	159.60	475.48	-262.58
		1547	7.99	9.60	-53.64	-47.56	3.51	18.65	436.70	313.37	432.67	317.40	-21.92
		1490	35.02	103.31	18.87	93.76	28.42	26.73	2237.16	554.56	2071.30	720.42	501.57
		1460	9.02	33.33	-15.47	32.87	-15.00	4.73	311.61	-273.59	231.81	-193.78	-200.83
1235	8	1487	6.43	-0.21	-1.88	-1.53	-0.55	-0.68	148.18	-330.31	-71.71	-110.43	-238.46
		1462	3.83	1.77	-0.35	1.53	-0.11	-0.67	-4.01	-254.14	-105.72	-152.42	-122.87
		1488	3.17	-1.67	-9.35	-1.67	-9.35	-0.07	238.76	89.21	238.40	89.58	-7.39
		1546	12.01	6.34	-8.78	-1.58	-0.85	-7.55	334.94	-532.47	-199.95	2.42	-421.74
1235	32	1487	4.73	-0.17	-1.46	-1.20	-0.43	-0.51	110.49	-241.64	-52.53	-78.63	-175.58
		1462	2.79	1.39	-0.21	1.21	-0.04	-0.50	-1.59	-184.74	-78.31	-108.03	-90.36
		1488	2.37	-1.35	-7.06	-1.35	-7.06	-0.06	177.47	80.98	177.19	81.26	-5.22
		1546	8.87	4.83	-6.69	-1.17	-0.69	-5.75	254.17	-386.54	-149.22	16.85	-309.41
1235	37	1487	4.02	-0.19	-1.37	-1.18	-0.37	-0.43	97.32	-202.85	-44.16	-61.36	-149.84
		1462	2.33	1.37	-0.06	1.22	0.09	-0.44	1.78	-152.69	-67.81	-83.10	-76.85
		1488	2.18	-1.40	-6.36	-1.40	-6.35	-0.08	155.06	102.30	154.77	102.60	-3.95
		1546	7.65	4.49	-6.16	-1.02	-0.65	-5.32	234.09	-318.51	-131.52	47.11	-261.47
1236	22	1546	10.03	-9.82	-13.05	-12.99	-9.88	0.44	730.52	367.22	688.77	408.97	115.86
		1488	20.76	7.35	-1.04	5.50	0.81	-3.48	126.67	-1315.66	-1091.80	-97.19	-522.28
		1489	42.97	-4.48	-73.63	-5.58	-72.53	-8.63	3056.29	783.22	2076.81	1762.71	1125.63
		1547	24.47	54.66	-34.18	-9.98	30.46	-39.55	543.24	-1029.47	-567.89	81.66	-716.16
1236	36	1546	7.56	-7.46	-9.92	-9.88	-7.50	0.32	550.57	277.16	517.04	310.70	89.70
		1488	15.48	5.64	-0.63	4.28	0.72	-2.58	100.49	-977.53	-812.70	-64.33	-387.96
		1489	32.22	-3.58	-55.65	-4.43	-54.80	-6.60	2290.37	593.87	1547.22	1337.02	841.71
		1547	18.29	41.34	-25.80	-7.53	23.07	-29.88	410.60	-763.12	-427.78	75.26	-530.23
1236	37	1546	6.41	-5.58	-8.55	-8.31	-5.83	0.82	468.18	232.96	445.66	255.48	69.21
		1488	13.69	4.61	-1.19	2.87	0.55	-2.65	69.68	-872.36	-720.57	-82.12	-346.34
		1489	27.84	-1.79	-47.05	-2.34	-46.51	-4.92	1984.60	492.10	1367.78	1108.91	734.94
		1547	16.05	36.18	-22.12	-6.28	20.34	-25.94	344.85	-685.45	-362.73	22.12	-477.86
1237	22	1547	105.55	35.51	-54.33	-52.48	33.66	12.76	7420.61	1070.62	3479.29	5011.94	3081.12
		1489	189.18	-78.62	-161.52	-140.82	-99.32	-35.88	-746.52	-1.255e+04	-9804.53	-3490.05	-4985.06
		50	423.84	200.28	-87.78	197.42	-84.92	28.57	2.970e+04	4026.55	1.867e+04	1.506e+04	1.271e+04
		1490	109.22	149.91	74.57	136.61	87.88	28.72	1528.21	-6284.85	908.25	-5664.89	-2111.75
1237	36	1547	79.79	26.67	-40.98	-39.60	25.28	9.58	5605.29	798.05	2611.83	3791.51	2330.13
		1489	141.51	-59.41	-121.54	-106.10	-74.85	-26.85	-543.64	-9377.99	-7306.31	-2615.31	-3743.00
		50	318.44	150.64	-66.19	148.53	-64.07	21.32	2.232e+04	3027.81	1.393e+04	1.143e+04	9567.30
		1490	82.61	112.82	56.13	102.76	66.20	21.66	1129.06	-4770.25	663.04	-4304.23	-1591.23
1237	37	1547	67.16	24.81	-35.77	-34.22	23.25	9.59	4721.88	702.83	2249.43	3175.28	1955.48
		1489	123.58	-49.77	-108.00	-93.14	-64.62	-25.38	-518.63	-8199.90	-6453.36	-2265.17	-3219.51
		50	273.73	134.64	-57.01	132.26	-54.64	21.19	1.915e+04	2585.60	1.227e+04	9467.19	8161.87
		1490	69.26	99.29	51.25	91.47	59.07	17.73	1029.04	-3947.21	630.79	-3548.96	-1350.25
1238	22	1560	7.95	14.42	1.39	1.48	14.33	1.06	388.08	-178.07	-25.31	235.32	251.30
		1599	19.44	12.91	-3.31	-1.33	10.94	-5.30	831.81	-627.40	70.96	133.45	728.93
		1600	27.71	16.75	6.08e-03	0.96	15.80	-3.87	1463.67	-594.90	-132.35	1001.12	859.21
		1572	17.14	24.91	-2.07	-2.06	24.90	0.60	1121.75	122.13	211.28	1032.60	284.90
1238	36	1560	5.96	10.79	1.03	1.09	10.73	0.80	292.73	-130.78	-18.40	180.35	186.99
		1599	14.48	9.68	-2.46	-0.98	8.20	-3.97	621.82	-464.91	53.46	103.46	542.79
		1600	20.70	12.56	-9.60e-03	0.71	11.85	-2.91	1097.78	-438.50	-98.32	757.60	637.88
		1572	12.92	18.66	-1.53	-1.52	18.65	0.45	845.67	90.73	156.64	779.76	213.10
1238	37	1560	5.21	10.01	1.03	1.09	9.95	0.75	251.66	-118.41	-16.55	149.80	165.29
		1599	12.81	8.92	-2.31	-0.97	7.58	-3.64	544.72	-415.61	45.41	83.70	479.78
		1600	18.18	11.46	0.10	0.67	10.89	-2.48	955.25	-396.29	-87.48	646.45	567.46
		1572	11.15	17.02	-1.51	-1.50	17.01	0.41	727.44	-79.32	138.80	667.96	187.11
1239	8	1599	19.54	12.69	-1.21	0.64	10.84	-4.72	696.00	-781.50	-179.83	94.34	725.92
		1561	20.07	11.70	-4.58	0.43	6.69	-7.51	674.51	-829.19	-387.34	232.66	684.97
		1601	25.62	10.98	-6.56	-2.97	7.40	-7.07	1105.85	-836.03	-344.59	614.41	844.28
		1600	20.22	17.71	-3.61	-2.60	16.71	-4.52	1282.44	-88.56	229.74	964.13	578.86
1239	32	1599	14.56	9.47	-0.90	0.47	8.10	-3.51	522.71	-578.37	-133.84	78.18	540.23
		1561	14.93	8.75	-3.40	0.34	5.01	-5.61	506.60	-612.77	-286.86	180.69	508.52
		1601	19.08	8.22	-4.85	-2.13	5.49	-5.31	830.77	-614.83	-255.57	471.51	624.72
		1600	15.16	13.27	-2.66	-1.88	12.49	-3.43	966.92	-55.25	174.15	737.51	426.46
1239	37	1599	12.79	8.47	-0.78	0.41	7.28	-3.10	468.97	-499.14	-117.30	87.13	473.14
		1561	13.08	7.88	-2.99	0.34	4.55	-5.01	454.50	-526.79	-248.15	175.85	442.48
		1601	16.76	7.42	-4.26	-1.74	4.91	-4.80	746.01	-521.97	-222.20	446.24	538.74
		1600	13.57	11.99	-2.31	-1.58	11.25	-3.15	876.74	-24.79	159.59	692.37	363.63
1240	8	1561	21.26	10.92	-4.42	0.09	6.41	-6.99	654.54	-937.68	-454.42	171.28	732.06
		1598	25.11	10.19	-6.51	0.72	2.96	-8.27	597.59	-1256.27	-885.78	227.10	741.33
		1602	28.69	5.89	-8.54	-4.11	1.46	-6.66	922.05	-1256.67	-884.11	549.49	820.31

		1601	24.44	11.69	-5.94	-2.07	7.81	-7.30	1143.67	-697.97	-280.51	726.21	771.06
1240	32	1561	15.83	8.16	-3.28	0.09	4.79	-5.21	491.54	-694.60	-337.52	134.46	544.10
		1598	18.70	7.61	-4.83	0.57	2.21	-6.16	448.53	-932.68	-658.92	174.78	550.61
		1602	21.33	4.38	-6.31	-2.98	1.05	-4.95	691.31	-929.50	-657.31	419.11	605.87
		1601	18.21	8.73	-4.39	-1.46	5.80	-5.47	859.66	-511.03	-207.04	555.67	569.45
1240	37	1561	13.89	7.33	-2.86	0.13	4.34	-4.64	440.86	-600.94	-294.21	134.12	474.84
		1598	16.41	6.84	-4.23	0.58	2.02	-5.49	401.67	-811.65	-576.56	166.58	479.55
		1602	18.66	3.95	-5.51	-2.49	0.92	-4.41	617.41	-801.11	-574.50	390.80	519.71
		1601	16.00	7.87	-3.83	-1.14	5.19	-4.92	773.11	-428.73	-177.76	522.13	488.51
1241	8	1598	25.27	9.44	-6.28	0.52	2.64	-7.79	590.72	-1274.96	-899.19	214.96	748.24
		1562	30.01	8.07	-7.37	0.30	0.41	-7.72	511.86	-1665.03	-1381.23	228.07	732.97
		1603	32.92	3.23	-9.74	-5.50	-1.01	-6.09	715.05	-1737.40	-1457.12	434.77	780.27
		1602	28.61	6.46	-8.12	-3.73	2.08	-6.69	927.33	-1246.87	-886.39	566.85	808.58
1241	32	1598	18.82	7.05	-4.65	0.42	1.97	-5.80	443.33	-946.78	-669.04	165.59	555.83
		1562	22.35	6.01	-5.46	0.26	0.30	-5.74	383.44	-1238.26	-1028.39	173.57	544.34
		1603	24.47	2.38	-7.19	-4.04	-0.78	-4.50	534.74	-1288.94	-1083.82	329.62	576.20
		1602	21.28	4.80	-5.99	-2.70	1.51	-4.97	695.34	-922.07	-658.90	432.17	596.99
1241	37	1598	16.51	6.32	-4.06	0.46	1.80	-5.14	396.88	-824.47	-585.76	158.17	484.32
		1562	19.60	5.39	-4.77	0.32	0.30	-5.08	341.60	-1082.40	-901.81	161.01	473.86
		1603	21.36	2.13	-6.27	-3.45	-0.69	-3.96	474.33	-1119.52	-948.01	302.81	493.92
		1602	18.60	4.30	-5.21	-2.24	1.33	-4.41	621.19	-794.28	-575.62	402.53	511.56
1242	8	1562	30.01	7.81	-7.19	0.30	0.32	-7.50	508.40	-1668.28	-1385.36	225.49	731.97
		1597	34.72	6.45	-7.56	-0.22	-0.89	-7.00	426.01	-2049.38	-1839.39	216.02	689.71
		1604	37.29	1.41	-10.55	-7.17	-1.98	-5.39	546.81	-2165.34	-1953.18	334.65	728.28
		1603	32.89	3.15	-9.36	-5.39	-0.82	-5.82	715.22	-1736.90	-1457.67	436.00	778.93
1242	32	1562	22.35	5.81	-5.31	0.26	0.24	-5.56	380.83	-1240.71	-1031.47	171.60	543.60
		1597	25.85	4.79	-5.59	-0.13	-0.66	-5.18	318.23	-1525.22	-1369.70	162.71	512.35
		1604	27.72	1.02	-7.79	-5.29	-1.48	-3.97	407.77	-1608.62	-1452.81	251.96	538.43
		1603	24.45	2.32	-6.90	-3.96	-0.63	-4.30	534.90	-1288.54	-1084.19	330.56	575.20
1242	37	1562	19.60	5.19	-4.62	0.33	0.25	-4.90	339.22	-1084.60	-904.53	159.16	473.24
		1597	22.66	4.28	-4.86	-0.03	-0.55	-4.56	281.38	-1335.74	-1201.42	147.06	446.28
		1604	24.19	0.90	-6.78	-4.57	-1.30	-3.47	358.94	-1402.07	-1270.54	227.41	462.95
		1603	21.34	2.06	-6.00	-3.37	-0.57	-3.77	474.52	-1119.09	-948.24	303.67	493.03
1243	8	1597	34.70	6.30	-7.37	-0.19	-0.89	-6.83	424.30	-2049.96	-1840.64	214.98	688.54
		1563	39.05	5.20	-7.33	-0.77	-1.35	-6.26	351.60	-2394.24	-2239.67	197.03	632.88
		1605	41.66	0.43	-11.28	-8.66	-2.20	-4.88	423.17	-2530.49	-2370.46	263.14	668.63
		1604	37.30	1.21	-10.22	-7.08	-1.92	-5.10	547.44	-2164.99	-1952.63	335.08	728.64
1243	32	1597	25.84	4.68	-5.44	-0.11	-0.66	-5.05	316.95	-1525.65	-1370.62	161.92	511.49
		1563	29.07	3.86	-5.41	-0.55	-1.00	-4.63	261.74	-1782.48	-1667.70	146.96	470.60
		1605	30.97	0.30	-8.33	-6.40	-1.63	-3.60	314.60	-1881.20	-1763.13	196.53	495.29
		1604	27.72	0.88	-7.54	-5.22	-1.44	-3.76	408.26	-1608.34	-1452.38	252.30	538.70
1243	37	1597	22.65	4.16	-4.71	-9.93e-04	-0.55	-4.42	280.24	-1336.12	-1202.20	146.33	445.56
		1563	25.48	3.43	-4.68	-0.40	-0.85	-4.05	229.30	-1562.39	-1462.56	129.47	410.97
		1605	27.04	0.25	-7.25	-5.56	-1.43	-3.13	274.63	-1642.57	-1541.66	173.72	428.12
		1604	24.20	0.76	-6.54	-4.51	-1.27	-3.27	359.42	-1401.80	-1270.14	227.76	463.19
1244	8	1563	39.04	5.08	-7.15	-0.73	-1.34	-6.10	350.82	-2394.23	-2240.03	196.62	632.07
		1596	42.86	4.26	-6.89	-1.24	-1.39	-5.58	291.86	-2690.24	-2576.71	178.33	570.66
		1606	45.50	-0.05	-11.94	-9.87	-2.12	-4.50	334.39	-2833.77	-2714.43	215.06	603.19
		1605	41.67	0.22	-10.97	-8.56	-2.19	-4.60	423.97	-2530.21	-2369.90	263.66	669.25
1244	32	1563	29.07	3.76	-5.27	-0.51	-0.99	-4.51	261.16	-1782.48	-1667.97	146.65	470.01
		1596	31.91	3.16	-5.08	-0.89	-1.03	-4.12	216.42	-2003.17	-1918.53	131.77	425.10
		1606	33.83	-0.05	-8.82	-7.30	-1.57	-3.31	247.78	-2107.46	-2018.93	159.25	447.98
		1605	30.98	0.14	-8.10	-6.33	-1.63	-3.38	315.21	-1880.99	-1762.71	196.94	495.75
1244	37	1563	25.48	3.32	-4.53	-0.36	-0.85	-3.92	228.81	-1562.38	-1462.77	129.19	410.50
		1596	27.96	2.79	-4.37	-0.71	-0.87	-3.58	187.61	-1756.53	-1682.12	113.20	373.01
		1606	29.55	-0.06	-7.66	-6.35	-1.37	-2.87	214.37	-1841.94	-1765.13	137.56	389.92
		1605	27.05	0.10	-7.02	-5.49	-1.43	-2.93	275.21	-1642.37	-1541.29	174.13	428.51
1245	8	1596	42.85	4.14	-6.72	-1.19	-1.39	-5.43	291.52	-2690.12	-2576.84	178.24	570.04
		1564	46.02	3.54	-6.36	-1.57	-1.26	-4.95	245.84	-2932.34	-2849.57	163.07	506.16
		1607	48.67	-0.31	-12.47	-10.83	-1.95	-4.15	270.93	-3076.14	-2988.86	183.66	533.38
		1606	45.51	-0.26	-11.64	-9.78	-2.13	-4.21	335.05	-2833.62	-2714.03	215.46	603.85
1245	32	1596	31.90	3.06	-4.94	-0.86	-1.03	-4.00	216.18	-2003.09	-1918.62	131.71	424.65
		1564	34.26	2.61	-4.68	-1.14	-0.92	-3.64	181.54	-2183.59	-2121.52	119.48	378.07
		1607	36.19	-0.24	-9.21	-8.01	-1.44	-3.05	200.06	-2288.18	-2222.99	134.87	397.44
		1606	33.83	-0.21	-8.60	-7.23	-1.58	-3.10	248.28	-2107.34	-2018.62	159.56	448.46
1245	37	1596	27.96	2.68	-4.22	-0.67	-0.87	-3.45	187.42	-1756.46	-1682.19	113.14	372.65
		1564	30.02	2.29	-4.00	-0.93	-0.77	-3.14	155.62	-1915.06	-1859.68	100.23	334.09
		1607	31.62	-0.23	-7.99	-6.97	-1.25	-2.62	171.45	-2000.97	-1943.38	113.86	348.97
		1606	29.55	-0.21	-7.45	-6.28	-1.38	-2.66	214.83	-1841.82	-1764.87	137.88	390.32
1246	8	1564	46.02	3.41	-6.19	-1.52	-1.26	-4.80	245.70	-2932.23	-2849.64	163.10	505.63
		1595	48.46	2.94	-5.79	-1.77	-1.08	-4.35	211.44	-3117.61	-3058.22	152.06	440.64
		1608	51.09	-0.49	-12.86	-11.58	-1.78	-3.77	225.85	-3257.88	-3195.92	163.88	460.47
		1607	48.67	-0.51	-12.19	-10.73	-1.97	-3.86	271.40	-3076.06	-2988.57	183.90	534.07
1246	32	1564	34.26	2.51	-4.54	-1.10	-0.93	-3.53	181.44	-2183.51	-2121.57	119.51	377.68
		1595	36.07	2.16	-4.24	-1.29	-0.79	-3.19	155.50	-2321.58	-2276.70	110.63	330.38
		1608	37.99	-0.37	-9.50	-8.56	-1.31	-2.77	166.19	-2423.62	-2376.93	119.50	344.58
		1607	36.19	-0.39	-9.00	-7.94	-1.46	-2.83	200.42	-2288.12	-2222.77	135.07	397.93

1246	37	1564	30.01	2.19	-3.85	-0.89	-0.78	-3.02	155.55	-1915.00	-1859.71	100.26	333.79
		1595	31.60	1.88	-3.60	-1.07	-0.65	-2.73	131.81	-2036.16	-1995.29	90.94	294.84
		1608	33.19	-0.34	-8.23	-7.44	-1.13	-2.36	141.06	-2119.98	-2077.78	98.86	306.00
		1607	31.62	-0.37	-7.79	-6.90	-1.26	-2.42	171.78	-2000.91	-1943.20	114.06	349.38
1247	8	1595	48.46	2.81	-5.61	-1.72	-1.09	-4.20	211.38	-3117.54	-3058.29	152.14	440.12
		1565	50.13	2.40	-5.19	-1.87	-0.92	-3.77	186.63	-3244.18	-3202.78	145.22	374.63
		1609	52.70	-0.66	-13.14	-12.16	-1.64	-3.36	194.51	-3378.92	-3336.83	152.42	385.53
		1608	51.09	-0.68	-12.60	-11.48	-1.80	-3.48	226.16	-3257.85	-3195.70	164.01	461.15
1247	32	1595	36.07	2.06	-4.11	-1.25	-0.80	-3.08	155.46	-2321.53	-2276.75	110.69	330.00
		1565	37.31	1.76	-3.80	-1.37	-0.66	-2.76	136.75	-2415.77	-2384.14	105.12	282.38
		1609	39.19	-0.49	-9.70	-8.99	-1.21	-2.46	142.66	-2513.72	-2481.63	110.57	290.21
		1608	37.99	-0.52	-9.30	-8.49	-1.33	-2.55	166.42	-2423.59	-2376.77	119.60	345.08
1247	37	1595	31.60	1.77	-3.46	-1.02	-0.66	-2.61	131.79	-2036.11	-1995.33	91.00	294.54
		1565	32.68	1.51	-3.19	-1.13	-0.54	-2.33	114.75	-2118.66	-2089.04	85.13	255.47
		1609	34.24	-0.45	-8.39	-7.80	-1.04	-2.08	120.02	-2198.97	-2169.06	90.11	261.66
		1608	33.19	-0.48	-8.05	-7.37	-1.15	-2.16	141.28	-2119.95	-2077.65	98.97	306.39
1248	8	1565	50.13	2.27	-5.02	-1.82	-0.93	-3.61	186.60	-3244.14	-3202.84	145.30	374.14
		1594	51.01	1.89	-4.58	-1.91	-0.78	-3.19	169.85	-3310.82	-3283.26	142.30	308.47
		1610	53.48	-0.81	-13.33	-12.61	-1.53	-2.91	174.00	-3438.94	-3412.23	147.29	309.53
		1609	52.70	-0.83	-12.90	-12.06	-1.66	-3.07	194.69	-3378.90	-3336.66	152.45	386.24
1248	32	1565	37.31	1.66	-3.66	-1.33	-0.68	-2.64	136.73	-2415.74	-2384.19	105.18	282.03
		1594	37.97	1.38	-3.34	-1.39	-0.57	-2.33	124.11	-2465.25	-2443.87	102.73	234.31
		1610	39.77	-0.61	-9.83	-9.32	-1.13	-2.12	127.28	-2558.28	-2537.55	106.55	235.03
		1609	39.19	-0.62	-9.52	-8.92	-1.23	-2.24	142.80	-2513.71	-2481.50	110.59	290.72
1248	37	1565	32.67	1.40	-3.04	-1.09	-0.55	-2.21	114.73	-2118.63	-2089.08	85.19	255.18
		1594	33.25	1.17	-2.77	-1.15	-0.45	-1.94	103.34	-2161.76	-2140.95	82.53	216.10
		1610	34.74	-0.55	-8.49	-8.07	-0.97	-1.77	106.31	-2237.78	-2217.59	86.13	216.60
		1609	34.24	-0.57	-8.22	-7.73	-1.06	-1.87	120.14	-2198.96	-2168.95	90.14	262.07
1249	8	1594	51.01	1.76	-4.41	-1.85	-0.80	-3.04	169.83	-3310.80	-3283.34	142.36	307.96
		1566	51.04	1.39	-3.98	-1.90	-0.69	-2.62	160.14	-3316.69	-3299.71	143.17	242.34
		1611	53.41	-0.96	-13.45	-12.95	-1.46	-2.44	162.67	-3437.57	-3422.39	147.49	233.26
		1610	53.48	-0.96	-13.11	-12.51	-1.56	-2.62	174.08	-3438.93	-3412.09	147.24	310.23
1249	32	1594	37.96	1.28	-3.21	-1.35	-0.58	-2.21	124.09	-2465.23	-2443.92	102.77	233.94
		1566	37.98	1.01	-2.89	-1.39	-0.50	-1.90	116.83	-2469.40	-2455.91	103.34	186.27
		1611	39.71	-0.72	-9.91	-9.56	-1.07	-1.77	118.80	-2557.01	-2544.90	106.68	179.66
		1610	39.77	-0.72	-9.67	-9.24	-1.15	-1.90	127.34	-2558.27	-2537.45	106.52	235.54
1249	37	1594	33.24	1.05	-2.63	-1.11	-0.47	-1.81	103.32	-2161.74	-2140.99	82.57	215.80
		1566	33.25	0.82	-2.35	-1.14	-0.39	-1.54	96.90	-2164.95	-2151.05	83.00	176.80
		1611	34.68	-0.65	-8.54	-8.27	-0.92	-1.44	98.84	-2236.19	-2223.54	86.19	171.37
		1610	34.74	-0.65	-8.34	-8.00	-0.99	-1.56	106.37	-2237.78	-2217.51	86.11	217.00
1250	8	1566	51.04	1.26	-3.81	-1.85	-0.70	-2.47	160.11	-3316.69	-3299.79	143.20	241.84
		1593	50.20	0.88	-3.39	-1.87	-0.64	-2.05	157.06	-3261.30	-3252.17	147.93	176.49
		1612	52.46	-1.10	-13.51	-13.20	-1.41	-1.94	159.89	-3374.36	-3367.32	152.85	157.59
		1611	53.40	-1.09	-13.25	-12.85	-1.48	-2.14	162.65	-3437.55	-3422.28	147.38	233.97
1250	32	1566	37.98	0.90	-2.75	-1.35	-0.51	-1.78	116.80	-2469.40	-2455.96	103.37	185.91
		1593	37.35	0.63	-2.45	-1.36	-0.46	-1.47	114.60	-2427.85	-2420.29	107.04	138.45
		1612	39.00	-0.82	-9.96	-9.74	-1.04	-1.40	116.76	-2509.60	-2503.66	110.82	124.74
		1611	39.70	-0.82	-9.76	-9.49	-1.09	-1.55	118.79	-2557.00	-2544.82	106.60	180.17
1250	37	1566	33.25	0.71	-2.21	-1.10	-0.41	-1.42	96.88	-2164.95	-2151.09	83.02	176.51
		1593	32.69	0.47	-1.95	-1.11	-0.36	-1.15	95.15	-2127.91	-2119.35	86.59	137.70
		1612	34.05	-0.73	-8.56	-8.40	-0.89	-1.11	97.18	-2193.92	-2186.91	90.16	126.55
		1611	34.68	-0.74	-8.40	-8.20	-0.94	-1.24	98.83	-2236.19	-2223.48	86.12	171.78
1251	8	1593	50.20	0.75	-3.22	-1.82	-0.65	-1.89	157.02	-3261.32	-3252.24	147.94	175.98
		1567	48.48	0.36	-2.82	-1.83	-0.63	-1.48	160.74	-3144.44	-3140.69	156.99	111.22
		1613	50.65	-1.24	-13.53	-13.36	-1.41	-1.44	165.93	-3248.80	-3246.77	163.90	83.42
		1612	52.46	-1.21	-13.33	-13.10	-1.44	-1.65	159.78	-3374.34	-3367.24	152.68	158.27
1251	32	1593	37.35	0.52	-2.31	-1.32	-0.47	-1.35	114.57	-2427.86	-2420.34	107.05	138.07
		1567	36.07	0.24	-2.02	-1.33	-0.45	-1.04	117.52	-2340.44	-2337.06	114.14	91.05
		1613	37.64	-0.92	-9.96	-9.85	-1.04	-1.02	121.36	-2415.66	-2413.67	119.38	70.96
		1612	38.99	-0.90	-9.82	-9.66	-1.06	-1.18	116.68	-2509.59	-2503.60	110.69	125.23
1251	37	1593	32.69	0.36	-1.80	-1.07	-0.37	-1.02	95.11	-2127.91	-2119.39	86.59	137.40
		1567	31.56	0.12	-1.56	-1.08	-0.36	-0.76	98.19	-2050.47	-2045.91	93.62	98.95
		1613	32.84	-0.82	-8.54	-8.47	-0.89	-0.76	101.54	-2110.63	-2107.53	98.44	82.79
		1612	34.04	-0.81	-8.43	-8.33	-0.91	-0.90	97.11	-2193.92	-2186.86	90.05	126.95
1252	8	1567	48.48	0.23	-2.65	-1.78	-0.64	-1.33	160.69	-3144.47	-3140.76	156.98	110.69
		1592	45.90	-0.18	-2.30	-1.78	-0.70	-0.91	171.81	-2966.10	-2965.40	171.10	47.06
		1614	47.96	-1.38	-13.51	-13.44	-1.46	-0.95	181.97	-3060.20	-3060.15	181.93	11.98
		1613	50.64	-1.32	-13.37	-13.26	-1.43	-1.15	165.72	-3248.79	-3246.72	163.65	84.08
1252	32	1567	36.07	0.13	-1.89	-1.29	-0.46	-0.92	117.47	-2340.46	-2337.11	114.12	90.66
		1592	34.14	-0.16	-1.63	-1.29	-0.50	-0.62	126.07	-2207.16	-2206.31	125.22	44.45
		1614	35.63	-1.02	-9.94	-9.89	-1.07	-0.66	133.51	-2274.65	-2274.49	133.36	19.25
		1613	37.63	-0.98	-9.85	-9.77	-1.06	-0.80	121.21	-2415.65	-2413.64	119.19	71.43
1252	37	1567	31.56	0.01	-1.42	-1.04	-0.37	-0.63	98.14	-2050.48	-2045.95	93.60	98.63
		1592	29.86	-0.23	-1.20	-1.03	-0.40	-0.37	106.49	-1932.63	-1930.81	104.68	60.85
		1614	31.07	-0.90	-8.50	-8.47	-0.92	-0.43	112.79	-1985.85	-1985.05	111.99	40.92
		1613	32.84	-0.87	-8.44	-8.40	-0.91	-0.55	101.40	-2110.64	-2107.50	98.27	83.17
1253	8	1592	45.90	-0.30	-2.13	-1.73	-0.71	-0.76	171.74	-2966.15	-2965.46	171.05	46.50

		1568	42.47	-0.75	-1.82	-1.69	-0.88	-0.35	191.40	-2726.52	-2726.44	191.32	-15.10
		1615	44.40	-1.58	-13.45	-13.42	-1.60	-0.51	210.17	-2807.44	-2806.44	209.17	-55.00
		1614	47.95	-1.45	-13.38	-13.34	-1.48	-0.66	181.64	-3060.21	-3060.16	181.59	12.61
1253	32	1592	34.14	-0.26	-1.50	-1.25	-0.51	-0.50	126.01	-2207.19	-2206.36	125.18	44.04
		1568	31.58	-0.57	-1.28	-1.22	-0.64	-0.20	141.13	-2028.17	-2028.17	141.13	-0.70
		1615	32.97	-1.16	-9.89	-9.87	-1.18	-0.33	154.86	-2085.76	-2085.38	154.48	-29.09
		1614	35.62	-1.07	-9.84	-9.82	-1.09	-0.44	133.27	-2274.67	-2274.51	133.11	19.70
1253	37	1592	29.86	-0.32	-1.08	-0.99	-0.41	-0.24	106.42	-1932.65	-1930.85	104.63	60.52
		1568	27.60	-0.51	-0.96	-0.96	-0.51	0.02	120.91	-1774.49	-1774.19	120.61	23.92
		1615	28.72	-1.00	-8.42	-8.42	-1.01	-0.12	132.47	-1818.86	-1818.86	132.46	2.11
		1614	31.06	-0.93	-8.41	-8.41	-0.94	-0.22	112.57	-1985.88	-1985.07	111.75	41.28
1254	8	1568	42.46	-0.84	-1.69	-1.64	-0.89	-0.20	191.34	-2726.58	-2726.49	191.25	-15.73
		1591	38.20	-1.14	-1.62	-1.51	-1.25	0.20	221.08	-2426.20	-2424.14	219.02	-73.72
		1616	39.98	-1.90	-13.29	-13.29	-1.90	-0.17	253.85	-2488.63	-2483.79	249.01	-115.04
		1615	44.39	-1.61	-13.34	-13.33	-1.62	-0.22	209.70	-2807.52	-2806.54	208.72	-54.44
1254	32	1568	31.58	-0.63	-1.20	-1.18	-0.64	-0.08	141.07	-2028.20	-2028.20	141.07	-1.16
		1591	28.39	-0.76	-1.23	-1.09	-0.90	0.22	163.91	-1803.82	-1802.87	162.96	-43.29
		1616	29.67	-1.40	-9.76	-9.76	-1.40	-0.07	187.95	-1847.54	-1844.97	185.38	-72.22
		1615	32.96	-1.19	-9.80	-9.80	-1.19	-0.10	154.51	-2085.82	-2085.45	154.14	-28.70
1254	37	1568	27.60	-0.47	-0.97	-0.92	-0.51	0.14	120.83	-1774.51	-1774.22	120.54	23.55
		1591	24.80	-0.38	-1.19	-0.84	-0.73	0.40	142.61	-1576.33	-1576.26	142.54	-10.95
		1616	25.81	-1.18	-8.29	-8.29	-1.19	0.13	162.98	-1608.38	-1607.80	162.41	-32.02
		1615	28.72	-1.02	-8.36	-8.35	-1.02	0.09	132.14	-1818.93	-1818.93	132.14	2.42
1255	8	1591	38.20	-0.99	-1.73	-1.47	-1.25	0.35	221.06	-2426.24	-2424.14	218.96	-74.47
		1569	33.14	-0.67	-2.40	-1.14	-1.93	0.77	262.53	-2065.89	-2059.05	255.69	-126.01
		1617	34.70	-2.49	-12.97	-12.97	-2.49	0.01	317.58	-2100.45	-2089.23	306.36	-164.36
		1616	39.97	-1.91	-13.21	-13.20	-1.92	0.13	253.21	-2488.83	-2484.03	248.41	-114.60
1255	32	1591	28.39	-0.64	-1.32	-1.05	-0.91	0.33	163.88	-1803.84	-1802.87	162.90	-43.84
		1569	24.62	-0.40	-1.81	-0.82	-1.39	0.64	195.73	-1534.64	-1530.82	191.90	-81.30
		1617	25.74	-1.82	-9.52	-9.51	-1.82	0.08	236.29	-1557.53	-1551.08	229.85	-107.32
		1616	29.66	-1.40	-9.70	-9.70	-1.41	0.16	187.46	-1847.70	-1845.15	184.92	-71.91
1255	37	1591	24.80	-0.24	-1.29	-0.80	-0.73	0.53	142.55	-1576.33	-1576.26	142.47	-11.39
		1569	21.50	-0.02	-1.70	-0.60	-1.12	0.80	172.91	-1338.54	-1337.36	171.73	-42.11
		1617	22.36	-1.52	-8.04	-8.03	-1.53	0.28	207.75	-1352.26	-1350.02	205.51	-59.01
		1616	25.81	-1.18	-8.24	-8.22	-1.20	0.34	162.54	-1608.53	-1607.96	161.97	-31.78
1256	8	1569	33.14	-0.52	-2.52	-1.11	-1.93	0.92	262.63	-2065.84	-2058.90	255.69	-126.97
		1590	27.48	0.21	-3.67	-0.42	-3.04	1.43	316.75	-1646.98	-1632.70	302.47	-166.85
		1618	28.59	-3.59	-12.31	-12.31	-3.59	-0.04	407.03	-1637.05	-1617.88	387.86	-197.04
		1617	34.70	-2.48	-12.90	-12.90	-2.49	0.31	316.79	-2100.84	-2089.64	305.60	-164.11
1256	32	1569	24.63	-0.28	-1.91	-0.79	-1.40	0.76	195.78	-1534.60	-1530.70	191.88	-81.99
		1590	20.41	0.24	-2.72	-0.29	-2.20	1.13	237.40	-1221.63	-1213.13	228.90	-110.99
		1618	21.18	-2.62	-9.02	-9.02	-2.62	0.05	304.32	-1211.34	-1200.11	293.08	-130.03
		1617	25.73	-1.81	-9.47	-9.46	-1.82	0.30	235.69	-1557.82	-1551.40	229.27	-107.14
1256	37	1569	21.50	0.11	-1.80	-0.57	-1.13	0.92	172.91	-1338.48	-1337.27	171.70	-42.68
		1590	17.80	0.52	-2.43	-0.16	-1.76	1.24	212.73	-1061.91	-1058.43	209.25	-66.48
		1618	18.38	-2.14	-7.58	-7.56	-2.16	0.31	271.17	-1046.71	-1042.42	266.87	-75.14
		1617	22.35	-1.50	-8.01	-7.97	-1.54	0.49	207.18	-1352.54	-1350.31	204.95	-58.88
1257	8	1590	27.49	0.32	-3.78	-0.39	-3.07	1.56	317.13	-1646.57	-1632.06	302.62	-168.18
		1570	21.29	1.75	-5.54	0.88	-4.68	2.36	382.16	-1172.49	-1149.73	359.39	-186.74
		1619	21.73	-5.55	-10.99	-10.97	-5.57	-0.32	527.51	-1088.68	-1062.73	501.56	-203.14
		1618	28.59	-3.56	-12.25	-12.25	-3.57	0.25	406.18	-1637.67	-1618.47	386.98	-197.18
1257	32	1590	20.41	0.34	-2.81	-0.26	-2.22	1.23	237.66	-1221.31	-1212.67	229.01	-111.96
		1570	15.80	1.36	-4.08	0.66	-3.38	1.82	287.86	-866.99	-853.20	274.07	-125.41
		1619	16.09	-4.04	-8.03	-8.02	-4.04	-0.14	396.34	-801.77	-786.81	381.38	-133.07
		1618	21.18	-2.59	-8.98	-8.97	-2.60	0.27	303.65	-1211.81	-1200.56	292.39	-130.14
1257	37	1590	17.80	0.63	-2.53	-0.13	-1.78	1.35	212.90	-1061.60	-1058.04	209.34	-67.29
		1570	13.76	1.44	-3.51	0.62	-2.69	1.84	261.45	-748.34	-742.24	255.35	-78.23
		1619	13.97	-3.28	-6.70	-6.69	-3.29	0.20	358.07	-685.67	-680.36	352.75	-74.32
		1618	18.37	-2.10	-7.56	-7.51	-2.15	0.51	270.51	-1047.15	-1042.84	266.20	-75.24
1258	8	1570	21.28	1.80	-5.69	0.90	-4.79	2.44	383.19	-1170.72	-1147.51	359.98	-188.49
		1589	14.89	4.39	-8.09	2.95	-6.65	3.99	451.54	-651.04	-624.59	425.10	-168.71
		1620	14.73	-8.13	-9.17	-8.38	-8.92	-0.45	679.55	-440.85	-416.51	655.21	-163.35
		1619	21.72	-5.49	-10.89	-10.89	-5.49	-0.03	526.56	-1089.50	-1063.18	500.25	-204.55
1258	32	1570	15.79	1.41	-4.19	0.68	-3.46	1.89	288.61	-865.64	-851.56	274.53	-126.69
		1589	11.05	3.28	-5.92	2.16	-4.79	3.01	341.98	-477.25	-461.64	326.37	-112.01
		1620	10.96	-6.02	-6.56	-6.13	-6.45	-0.22	513.66	-318.38	-305.61	500.88	-102.30
		1619	16.08	-3.98	-7.96	-7.96	-3.98	0.08	395.57	-802.38	-787.17	380.37	-134.11
1258	37	1570	13.76	1.52	-3.62	0.65	-2.75	1.93	262.05	-747.10	-740.82	255.78	-79.31
		1589	9.65	3.03	-4.97	1.85	-3.79	2.84	315.26	-403.99	-397.76	309.04	-66.62
		1620	9.71	-4.94	-5.31	-5.09	-5.17	0.18	472.14	-261.33	-258.59	469.39	-44.77
		1619	13.96	-3.20	-6.68	-6.63	-3.25	0.40	357.24	-686.20	-680.75	351.79	-75.22
1259	22	1589	14.57	3.99	-7.58	2.56	-6.15	3.81	489.75	-597.32	-589.93	482.36	-89.33
		1571	9.76	7.94	-10.03	5.21	-7.30	6.45	574.83	-72.09	-71.83	574.57	-12.96
		1621	13.38	-3.91	-11.99	-4.00	-11.90	0.82	975.85	337.02	347.72	965.15	81.97
		1620	14.72	-7.23	-7.88	-7.40	-7.72	0.28	722.05	-388.13	-388.97	718.90	-59.09
1259	36	1589	10.86	3.02	-5.60	1.90	-4.48	2.90	369.17	-442.21	-437.89	364.86	-59.04
		1571	7.34	5.91	-7.38	3.84	-5.31	4.82	435.59	-51.43	-51.42	435.57	-2.43

		1621	10.15	-2.86	-8.75	-2.94	-8.67	0.70	740.80	250.74	261.53	730.00	71.94
		1620	11.02	-5.23	-5.86	-5.45	-5.64	0.30	544.11	-286.05	-284.70	542.77	-33.38
1259	37	1589	9.61	2.95	-5.12	1.79	-3.96	2.84	317.52	-398.73	-392.53	311.33	-66.35
		1571	6.37	5.54	-6.69	3.50	-4.65	4.55	370.50	-53.63	-53.00	369.87	-16.28
		1621	8.60	-2.45	-7.83	-2.60	-7.69	0.88	627.25	216.58	221.01	622.82	42.42
		1620	9.67	-4.46	-5.45	-4.86	-5.05	0.49	468.20	-262.44	-259.08	464.84	-49.44
1260	21	1571	9.76	7.17	-9.36	4.52	-6.71	6.06	611.01	-24.08	-21.28	608.21	42.11
		1588	10.29	11.37	-10.99	6.30	-5.92	9.36	773.06	287.90	349.16	711.80	161.15
		1622	21.69	3.30	-14.81	1.70	-13.20	5.15	1658.24	748.36	1085.35	1321.25	439.38
		1621	13.11	-2.57	-10.99	-2.87	-10.69	1.55	955.95	309.17	325.40	939.72	101.15
1260	35	1571	7.36	5.39	-6.95	3.37	-4.92	4.57	462.32	-17.45	-14.77	459.64	35.77
		1588	7.82	8.49	-8.15	4.67	-4.33	7.00	586.25	214.74	262.67	538.32	124.53
		1622	16.39	2.49	-10.93	1.25	-9.69	3.89	1253.42	558.57	814.17	997.83	335.07
		1621	9.92	-1.88	-8.12	-2.14	-7.87	1.23	723.60	230.60	244.61	709.59	81.93
1260	37	1571	6.33	5.37	-6.85	3.34	-4.82	4.55	382.53	-30.08	-30.02	382.48	-4.74
		1588	6.19	8.40	-8.01	4.58	-4.19	6.94	469.44	197.48	222.39	444.53	78.44
		1622	13.52	2.60	-10.81	1.30	-9.51	3.96	1034.72	520.52	719.57	835.67	250.46
		1621	8.21	-1.71	-8.04	-1.99	-7.76	1.30	596.55	204.99	206.09	595.45	20.72
1261	21	1588	11.30	12.34	-10.64	7.64	-5.95	9.26	843.11	353.77	472.19	724.69	209.58
		1559	16.60	15.86	-11.93	6.15	-2.21	13.25	1180.97	316.57	563.39	934.15	390.42
		1587	33.89	12.66	-14.23	6.07	-7.64	11.57	2497.01	759.06	1553.53	1702.53	865.78
		1622	19.61	2.55	-16.54	-0.12	-13.87	6.62	1494.66	700.95	921.43	1274.18	355.50
1261	35	1588	8.57	9.22	-7.90	5.67	-4.34	6.94	639.05	263.96	355.07	547.94	160.85
		1559	12.56	11.83	-8.83	4.57	-1.57	9.86	892.77	236.58	423.32	706.03	296.08
		1587	25.55	9.45	-10.52	4.50	-5.57	8.62	1881.96	568.92	1165.28	1285.60	653.75
		1622	14.83	1.94	-12.21	-0.09	-10.19	4.96	1130.94	522.73	691.03	962.64	272.10
1261	37	1588	6.86	9.12	-7.75	5.58	-4.21	6.87	512.34	244.90	303.74	453.50	110.79
		1559	10.35	11.64	-8.69	4.41	-1.47	9.73	735.92	218.08	367.78	586.22	234.75
		1587	21.71	9.44	-10.33	4.40	-5.29	8.62	1600.45	512.43	1035.22	1077.67	543.60
		1622	12.16	2.07	-12.12	-0.05	-9.99	5.06	924.68	490.22	611.48	803.41	194.89
1262	22	1572	29.52	29.03	4.68	5.62	28.09	4.70	1063.04	-1132.24	-856.02	786.82	728.06
		1600	18.40	17.79	-14.55	-11.48	14.73	-9.47	1348.97	1019.84	1163.41	1205.40	163.22
		1623	50.84	33.81	7.24	11.52	29.53	9.77	2184.95	-1618.96	-1084.54	1650.53	1321.85
		1573	62.44	24.25	-6.59	-6.49	24.15	-1.71	4627.82	1497.45	1828.82	4296.44	-963.08
1262	36	1572	22.08	21.70	3.39	4.11	20.98	3.55	801.92	-839.68	-635.45	597.69	541.80
		1600	13.78	13.42	-10.84	-8.53	11.12	-7.11	1008.63	770.39	871.42	907.59	117.74
		1623	38.06	25.16	5.52	8.66	22.02	7.20	1642.91	-1205.14	-813.00	1250.77	981.35
		1573	46.95	18.41	-4.79	-4.71	18.33	-1.36	3476.27	1115.09	1359.38	3231.98	-719.12
1262	37	1572	19.29	20.25	3.53	4.18	19.60	3.24	689.10	-742.92	-560.29	506.47	477.67
		1600	12.03	11.95	-10.30	-8.21	9.86	-6.50	883.35	655.21	757.19	781.37	113.43
		1623	33.38	24.76	4.03	7.63	21.15	7.85	1422.71	-1064.91	-707.68	1065.49	872.37
		1573	40.52	14.83	-4.88	-4.83	14.79	-0.96	3007.56	980.25	1197.21	2790.60	-626.72
1263	21	1600	27.04	14.85	1.25	2.48	13.62	-3.90	1138.45	-927.65	-224.83	435.63	978.84
		1601	24.11	13.73	-4.48	0.62	8.63	-8.18	1381.73	-363.46	-103.30	1121.57	621.58
		1624	21.76	-0.35	-11.79	-11.26	-0.88	-2.40	1276.50	-289.82	-112.63	1099.31	496.12
		1623	47.17	27.70	-12.47	-11.60	26.84	-5.83	3427.13	1027.50	1075.84	3378.79	-337.14
1263	35	1600	20.26	11.19	0.94	1.86	10.26	-2.93	855.03	-693.28	-168.77	330.52	732.79
		1601	18.07	10.36	-3.36	0.48	6.51	-6.16	1038.28	-269.04	-76.28	845.53	463.51
		1624	16.30	-0.25	-8.84	-8.43	-0.65	-1.82	957.91	-213.96	-84.79	828.74	367.00
		1623	35.55	20.87	-9.33	-8.67	20.21	-4.41	2582.17	769.95	807.43	2544.70	-257.88
1263	37	1600	18.35	10.07	1.35	1.99	9.43	-2.28	759.19	-645.10	-151.40	265.49	670.49
		1601	16.32	9.94	-3.31	-0.09	6.72	-5.68	916.07	-275.23	-81.49	722.33	439.63
		1624	14.95	0.72	-9.36	-8.83	0.19	-2.25	856.64	-228.69	-80.56	708.50	372.60
		1623	30.60	21.30	-10.99	-10.56	20.88	-3.69	2215.89	691.17	713.91	2193.15	-184.80
1264	8	1601	26.36	8.75	-5.16	-2.60	6.20	-5.39	1193.51	-808.25	-320.25	705.50	859.48
		1602	29.44	7.83	-7.96	-3.52	3.38	-7.10	1010.88	-1232.38	-879.79	658.29	816.48
		1625	26.42	-0.50	-13.47	-12.10	-1.87	-3.99	924.67	-1094.28	-877.63	708.02	624.88
		1624	25.01	11.75	-13.07	-11.14	9.82	-6.65	1558.89	-147.38	-29.66	1441.17	432.45
1264	32	1601	19.66	6.57	-3.79	-1.83	4.60	-4.06	897.48	-594.23	-237.37	540.62	636.38
		1602	21.91	5.81	-5.87	-2.53	2.47	-5.28	758.56	-911.23	-654.26	501.59	602.54
		1625	19.54	-0.45	-9.94	-8.96	-1.43	-2.89	689.79	-803.36	-650.57	537.00	452.54
		1624	18.74	8.60	-9.56	-8.14	7.17	-4.88	1174.74	-98.17	-19.63	1096.20	306.28
1264	37	1601	17.33	5.99	-3.27	-1.42	4.14	-3.70	807.88	-504.16	-206.09	509.81	549.76
		1602	19.19	5.22	-5.09	-2.06	2.19	-4.70	679.02	-784.75	-572.24	466.51	515.66
		1625	16.86	-0.48	-8.62	-7.79	-1.31	-2.46	608.51	-679.15	-564.35	493.71	366.94
		1624	16.79	7.49	-8.17	-6.90	6.22	-4.28	1065.00	-62.41	-12.48	1015.07	231.95
1265	8	1602	29.40	6.26	-8.01	-3.74	1.99	-6.54	975.67	-1262.05	-899.63	613.24	824.41
		1603	33.28	3.42	-9.13	-5.19	-0.52	-5.82	745.96	-1740.89	-1463.69	468.76	782.63
		1626	32.69	-1.45	-15.25	-14.56	-2.15	-3.01	661.90	-1744.39	-1533.22	450.73	680.83
		1625	26.81	1.46	-12.90	-11.93	0.49	-3.61	974.31	-1068.86	-865.69	771.13	611.43
1265	32	1602	21.87	4.65	-5.90	-2.69	1.45	-4.85	731.85	-933.58	-669.13	467.40	608.68
		1603	24.74	2.52	-6.73	-3.80	-0.41	-4.30	557.91	-1291.48	-1088.87	355.30	577.62
		1626	24.20	-1.11	-11.30	-10.80	-1.60	-2.19	492.01	-1289.32	-1137.54	340.22	497.34
		1625	19.85	1.01	-9.52	-8.83	0.31	-2.61	727.88	-784.36	-641.40	584.92	442.43
1265	37	1602	19.15	4.17	-5.09	-2.20	1.29	-4.29	654.45	-804.90	-585.49	435.04	521.59
		1603	21.60	2.26	-5.84	-3.23	-0.35	-3.79	494.99	-1121.64	-952.83	326.17	494.38
		1626	20.90	-1.01	-9.87	-9.46	-1.41	-1.86	429.60	-1108.88	-988.31	309.04	413.47

		1625	17.17	0.82	-8.26	-7.68	0.23	-2.23	644.61	-662.36	-555.66	537.91	357.87
1266	8	1603	33.25	3.31	-9.27	-5.31	-0.64	-5.84	740.90	-1742.41	-1465.67	464.15	781.44
		1604	37.50	1.33	-10.02	-6.98	-1.71	-5.02	560.80	-2169.57	-1956.98	348.20	731.62
		1627	38.59	-1.71	-17.20	-16.68	-2.22	-2.78	488.64	-2255.28	-2069.89	303.24	688.72
		1626	32.77	-1.36	-14.73	-14.31	-1.78	-2.32	673.70	-1738.50	-1528.60	463.80	679.90
1266	32	1603	24.72	2.44	-6.82	-3.89	-0.49	-4.31	554.15	-1292.65	-1090.31	351.82	576.83
		1604	27.87	0.97	-7.39	-5.15	-1.27	-3.70	418.14	-1611.70	-1455.69	262.13	540.68
		1627	28.61	-1.28	-12.75	-12.38	-1.65	-2.03	362.35	-1671.40	-1536.53	227.48	506.06
		1626	24.26	-1.04	-10.91	-10.62	-1.33	-1.68	501.03	-1284.92	-1134.08	350.19	496.62
1266	37	1603	21.58	2.16	-5.89	-3.30	-0.42	-3.76	491.73	-1122.74	-954.01	323.00	493.91
		1604	24.33	0.87	-6.42	-4.45	-1.09	-3.24	367.92	-1404.60	-1273.20	236.53	464.37
		1627	24.79	-1.12	-11.16	-10.85	-1.43	-1.73	314.20	-1447.42	-1336.58	203.36	427.75
		1626	20.95	-0.93	-9.54	-9.30	-1.17	-1.42	438.05	-1104.95	-985.24	318.33	412.78
1267	8	1604	37.48	1.43	-10.16	-7.06	-1.67	-5.13	560.52	-2168.70	-1956.96	348.78	730.10
		1605	41.79	0.38	-10.84	-8.53	-1.93	-4.53	431.03	-2534.03	-2372.36	269.35	673.22
		1628	43.67	-1.67	-18.84	-18.37	-2.15	-2.81	372.09	-2660.81	-2509.81	221.08	659.69
		1627	38.62	-1.92	-16.68	-16.40	-2.21	-2.03	492.96	-2252.93	-2067.62	307.65	688.85
1267	32	1604	27.86	1.04	-7.49	-5.20	-1.24	-3.78	417.99	-1611.07	-1455.66	262.58	539.61
		1605	31.07	0.27	-8.00	-6.31	-1.43	-3.34	320.38	-1883.76	-1764.55	201.16	498.56
		1628	32.40	-1.24	-13.96	-13.62	-1.58	-2.06	275.42	-1974.56	-1863.75	164.62	486.85
		1627	28.62	-1.43	-12.37	-12.17	-1.64	-1.47	365.63	-1669.63	-1534.85	230.85	506.11
1267	37	1604	24.32	0.91	-6.46	-4.48	-1.07	-3.27	367.92	-1404.10	-1273.14	236.97	463.57
		1605	27.13	0.25	-6.94	-5.47	-1.22	-2.90	279.53	-1644.66	-1542.92	177.79	430.60
		1628	28.15	-1.08	-12.22	-11.93	-1.37	-1.76	237.59	-1715.85	-1622.58	144.32	416.53
		1627	24.80	-1.26	-10.84	-10.67	-1.42	-1.25	317.22	-1445.83	-1335.13	206.52	427.69
1268	8	1605	41.78	0.49	-10.97	-8.58	-1.90	-4.65	431.25	-2533.15	-2372.25	270.36	671.61
		1606	45.60	-0.05	-11.55	-9.75	-1.84	-4.17	339.43	-2836.70	-2715.49	218.22	608.51
		1629	47.87	-1.59	-20.22	-19.77	-2.03	-2.85	290.81	-2982.79	-2865.94	173.95	607.36
		1628	43.68	-1.94	-18.34	-18.09	-2.20	-2.04	374.14	-2659.76	-2508.54	222.93	660.24
1268	32	1605	31.06	0.34	-8.09	-6.34	-1.40	-3.42	320.59	-1883.12	-1764.46	201.93	497.41
		1606	33.90	-0.04	-8.53	-7.21	-1.36	-3.07	251.48	-2109.59	-2019.70	161.58	451.84
		1629	35.54	-1.17	-14.98	-14.65	-1.50	-2.09	214.91	-2215.10	-2128.70	128.51	449.97
		1628	32.41	-1.44	-13.60	-13.41	-1.62	-1.49	276.97	-1973.76	-1862.82	166.03	487.21
1268	37	1605	27.12	0.29	-6.99	-5.49	-1.20	-2.94	279.81	-1644.14	-1542.84	178.51	429.71
		1606	29.61	-0.02	-7.40	-6.27	-1.15	-2.66	217.47	-1843.69	-1765.78	139.56	393.06
		1629	30.93	-1.02	-13.10	-12.83	-1.29	-1.79	184.55	-1928.53	-1854.29	110.30	389.06
		1628	28.16	-1.25	-11.91	-11.76	-1.40	-1.27	238.99	-1715.12	-1621.78	145.66	416.74
1269	8	1606	45.59	0.05	-11.67	-9.80	-1.82	-4.30	339.58	-2836.04	-2715.48	219.03	606.88
		1607	48.74	-0.26	-12.11	-10.70	-1.67	-3.84	274.44	-3078.53	-2989.57	185.48	538.85
		1630	51.21	-1.52	-21.40	-20.99	-1.93	-2.81	232.80	-3232.31	-3145.79	146.28	540.65
		1629	47.88	-1.86	-19.74	-19.50	-2.10	-2.07	291.93	-2982.32	-2865.16	174.76	608.20
1269	32	1606	33.89	0.02	-8.61	-7.24	-1.34	-3.15	251.61	-2109.11	-2019.69	162.20	450.66
		1607	36.24	-0.19	-8.95	-7.92	-1.22	-2.82	202.63	-2289.94	-2223.51	136.20	401.45
		1630	38.04	-1.13	-15.84	-15.55	-1.42	-2.06	171.75	-2401.37	-2336.90	107.29	402.15
		1629	35.55	-1.37	-14.62	-14.45	-1.55	-1.51	215.74	-2214.74	-2128.13	129.14	450.55
1269	37	1606	29.60	9.79e-03	-7.44	-6.29	-1.14	-2.69	217.65	-1843.29	-1765.77	140.13	392.13
		1607	31.66	-0.16	-7.76	-6.88	-1.03	-2.42	173.60	-2002.43	-1943.80	114.97	352.35
		1630	33.13	-0.97	-13.84	-13.60	-1.22	-1.76	146.81	-2092.96	-2036.38	90.23	351.48
		1629	30.93	-1.19	-12.80	-12.65	-1.33	-1.29	185.29	-1928.19	-1853.80	110.90	389.46
1270	8	1607	48.74	-0.18	-12.23	-10.75	-1.66	-3.96	274.49	-3078.07	-2989.65	186.07	537.22
		1608	51.14	-0.41	-12.54	-11.44	-1.50	-3.47	228.41	-3259.82	-3196.51	165.10	465.67
		1631	53.69	-1.50	-22.41	-22.06	-1.85	-2.69	191.11	-3414.84	-3353.80	130.07	465.17
		1630	51.22	-1.79	-20.94	-20.72	-2.00	-2.02	233.45	-3232.11	-3145.27	146.61	541.68
1270	32	1607	36.24	-0.14	-9.02	-7.95	-1.22	-2.90	202.68	-2289.60	-2223.56	136.65	400.27
		1608	38.03	-0.30	-9.26	-8.46	-1.10	-2.55	168.07	-2425.04	-2377.35	120.38	348.42
		1631	39.88	-1.11	-16.58	-16.33	-1.36	-1.97	140.74	-2537.54	-2491.62	94.83	347.65
		1630	38.04	-1.32	-15.50	-15.35	-1.47	-1.48	172.24	-2401.22	-2336.52	107.54	402.88
1270	37	1607	31.66	-0.13	-7.79	-6.90	-1.03	-2.46	173.69	-2002.15	-1943.84	115.38	351.40
		1608	33.23	-0.25	-8.02	-7.35	-0.92	-2.17	142.65	-2121.19	-2078.11	99.58	309.29
		1631	34.76	-0.96	-14.47	-14.26	-1.17	-1.67	119.72	-2212.94	-2171.62	78.40	307.68
		1630	33.13	-1.13	-13.55	-13.42	-1.26	-1.25	147.24	-2092.81	-2036.06	90.49	352.00
1271	8	1608	51.14	-0.34	-12.65	-11.49	-1.49	-3.59	228.41	-3259.52	-3196.65	165.54	464.03
		1609	52.75	-0.55	-12.84	-12.02	-1.37	-3.07	196.45	-3380.47	-3337.38	153.37	390.19
		1632	55.29	-1.51	-23.27	-22.98	-1.80	-2.49	161.56	-3533.04	-3492.58	121.10	384.49
		1631	53.69	-1.75	-21.97	-21.79	-1.93	-1.90	191.49	-3414.77	-3353.44	130.16	466.29
1271	32	1608	38.03	-0.26	-9.33	-8.49	-1.09	-2.62	168.08	-2424.82	-2377.45	120.71	347.24
		1609	39.22	-0.40	-9.47	-8.88	-1.00	-2.24	144.09	-2514.87	-2482.02	111.25	293.67
		1632	41.08	-1.11	-17.21	-17.00	-1.32	-1.82	118.74	-2625.60	-2594.78	87.92	289.18
		1631	39.88	-1.29	-16.26	-16.13	-1.41	-1.39	141.03	-2537.48	-2491.36	94.90	348.44
1271	37	1608	33.23	-0.23	-8.05	-7.37	-0.91	-2.21	142.68	-2121.00	-2078.19	99.87	308.34
		1609	34.27	-0.34	-8.19	-7.71	-0.83	-1.89	121.24	-2199.95	-2169.37	90.65	264.68
		1632	35.81	-0.96	-14.99	-14.82	-1.13	-1.53	100.49	-2290.31	-2261.65	71.83	260.19
		1631	34.76	-1.11	-14.19	-14.09	-1.21	-1.17	119.97	-2212.88	-2171.41	78.50	308.27
1272	8	1609	52.74	-0.48	-12.94	-12.06	-1.36	-3.18	196.43	-3380.29	-3337.56	153.70	388.57
		1610	53.52	-0.68	-13.04	-12.46	-1.26	-2.62	175.52	-3440.16	-3412.77	148.14	313.50
		1633	56.02	-1.53	-23.98	-23.76	-1.76	-2.24	141.64	-3588.01	-3563.54	117.17	301.10
		1632	55.29	-1.73	-22.85	-22.71	-1.87	-1.70	161.77	-3533.02	-3492.31	121.06	385.67

1272	32	1609	39.22	-0.36	-9.54	-8.91	-0.99	-2.32	144.08	-2514.73	-2482.15	111.50	292.50
		1610	39.79	-0.50	-9.62	-9.20	-0.92	-1.91	128.41	-2559.18	-2537.94	107.16	238.01
		1633	41.61	-1.13	-17.73	-17.57	-1.29	-1.64	103.89	-2666.41	-2647.41	84.89	228.65
		1632	41.08	-1.27	-16.90	-16.80	-1.37	-1.24	118.90	-2625.58	-2594.58	87.90	290.02
1272	37	1609	34.27	-0.32	-8.22	-7.72	-0.82	-1.93	121.23	-2199.83	-2169.47	90.87	263.74
		1610	34.76	-0.42	-8.30	-7.97	-0.76	-1.59	107.29	-2238.57	-2217.90	86.61	219.24
		1633	36.27	-0.97	-15.41	-15.28	-1.10	-1.36	87.47	-2325.90	-2307.35	68.92	210.76
		1632	35.81	-1.10	-14.73	-14.65	-1.17	-1.03	100.62	-2290.30	-2261.50	71.82	260.82
1273	8	1610	53.52	-0.62	-13.14	-12.51	-1.25	-2.74	175.49	-3440.08	-3412.98	148.39	311.87
		1611	53.43	-0.81	-13.18	-12.79	-1.19	-2.14	163.93	-3438.52	-3422.92	148.34	236.49
		1634	55.85	-1.56	-24.54	-24.38	-1.73	-1.95	129.97	-3580.02	-3567.30	117.25	216.87
		1633	56.01	-1.73	-23.58	-23.49	-1.83	-1.45	141.71	-3588.01	-3563.34	117.05	302.31
1273	32	1610	39.79	-0.46	-9.68	-9.23	-0.91	-1.99	128.38	-2559.12	-2538.09	107.34	236.83
		1611	39.72	-0.59	-9.72	-9.44	-0.87	-1.55	119.74	-2557.72	-2545.28	107.29	182.10
		1634	41.49	-1.15	-18.13	-18.01	-1.27	-1.42	95.16	-2660.21	-2649.99	84.95	167.47
		1633	41.61	-1.27	-17.44	-17.37	-1.34	-1.05	103.95	-2666.42	-2647.27	84.80	229.51
1273	37	1610	34.76	-0.41	-8.33	-7.99	-0.76	-1.62	107.26	-2238.51	-2218.02	86.77	218.30
		1611	34.70	-0.51	-8.37	-8.16	-0.71	-1.26	99.65	-2236.81	-2223.84	86.68	173.60
		1634	36.15	-0.99	-15.73	-15.64	-1.08	-1.16	79.77	-2319.92	-2309.11	68.96	160.73
		1633	36.27	-1.09	-15.16	-15.11	-1.15	-0.86	87.52	-2325.91	-2307.24	68.86	211.42
1274	8	1611	53.43	-0.76	-13.27	-12.84	-1.18	-2.26	163.90	-3438.53	-3423.15	148.53	234.87
		1612	52.48	-0.93	-13.26	-13.04	-1.15	-1.65	161.04	-3375.09	-3367.83	153.78	160.08
		1635	54.79	-1.60	-24.95	-24.84	-1.72	-1.63	126.03	-3508.77	-3503.86	121.13	133.45
		1634	55.84	-1.74	-24.17	-24.11	-1.80	-1.16	129.93	-3580.03	-3567.17	117.06	218.10
1274	32	1611	39.73	-0.56	-9.77	-9.48	-0.86	-1.63	119.71	-2557.72	-2545.44	107.43	180.93
		1612	39.01	-0.68	-9.77	-9.62	-0.84	-1.18	117.61	-2510.15	-2504.03	111.49	126.65
		1635	40.68	-1.18	-18.42	-18.34	-1.26	-1.18	92.17	-2606.73	-2602.49	87.92	106.92
		1634	41.48	-1.28	-17.86	-17.81	-1.32	-0.83	95.13	-2660.22	-2649.89	84.81	168.35
1274	37	1611	34.70	-0.49	-8.40	-8.18	-0.71	-1.29	99.61	-2236.80	-2223.97	86.79	172.66
		1612	34.06	-0.58	-8.40	-8.29	-0.69	-0.92	97.92	-2194.40	-2187.19	90.71	128.37
		1635	35.43	-1.01	-15.95	-15.89	-1.07	-0.95	77.06	-2272.19	-2266.90	71.78	111.29
		1634	36.14	-1.10	-15.50	-15.47	-1.13	-0.66	79.75	-2319.94	-2309.04	68.85	161.40
1275	8	1612	52.49	-0.88	-13.34	-13.09	-1.14	-1.77	161.02	-3375.20	-3368.09	153.90	158.42
		1613	50.67	-1.04	-13.31	-13.20	-1.14	-1.15	167.14	-3249.38	-3247.25	165.02	85.23
		1636	52.81	-1.64	-25.21	-25.14	-1.71	-1.31	130.06	-3373.34	-3372.55	129.27	52.56
		1635	54.77	-1.76	-24.60	-24.57	-1.79	-0.84	125.87	-3508.78	-3503.79	120.88	134.64
1275	32	1612	39.01	-0.65	-9.83	-9.65	-0.83	-1.26	117.58	-2510.22	-2504.21	111.58	125.46
		1613	37.65	-0.76	-9.80	-9.73	-0.83	-0.81	122.26	-2416.08	-2414.02	120.19	72.39
		1636	39.20	-1.21	-18.60	-18.55	-1.26	-0.94	95.08	-2505.33	-2504.43	94.19	48.30
		1635	40.68	-1.29	-18.16	-18.14	-1.31	-0.60	92.05	-2606.75	-2602.44	87.74	107.77
1275	37	1612	34.06	-0.57	-8.42	-8.31	-0.68	-0.95	97.87	-2194.44	-2187.34	90.77	127.41
		1613	32.85	-0.64	-8.40	-8.36	-0.68	-0.58	102.32	-2111.01	-2107.80	99.11	84.24
		1636	34.11	-1.04	-16.06	-16.03	-1.07	-0.73	79.53	-2182.11	-2180.31	77.73	63.67
		1635	35.43	-1.11	-15.73	-15.71	-1.12	-0.44	76.97	-2272.22	-2266.88	71.63	111.94
1276	8	1613	50.67	-1.00	-13.38	-13.25	-1.13	-1.26	167.11	-3249.58	-3247.54	165.06	83.56
		1614	47.98	-1.15	-13.32	-13.28	-1.19	-0.66	183.46	-3060.66	-3060.60	183.41	13.27
		1637	49.91	-1.68	-25.33	-25.29	-1.72	-0.99	143.06	-3172.12	-3171.96	142.89	-23.61
		1636	52.80	-1.77	-24.88	-24.87	-1.78	-0.51	129.77	-3373.39	-3372.57	128.94	53.73
1276	32	1613	37.66	-0.74	-9.85	-9.76	-0.82	-0.88	122.22	-2416.22	-2414.22	120.22	71.19
		1614	35.64	-0.84	-9.80	-9.78	-0.87	-0.44	134.61	-2274.99	-2274.82	134.44	20.32
		1637	37.03	-1.24	-18.67	-18.65	-1.27	-0.70	104.68	-2354.77	-2354.75	104.67	-6.71
		1636	39.19	-1.30	-18.36	-18.35	-1.31	-0.35	94.87	-2505.37	-2504.45	93.94	49.13
1276	37	1613	32.86	-0.63	-8.42	-8.38	-0.68	-0.61	102.25	-2111.10	-2107.96	99.11	83.27
		1614	31.08	-0.70	-8.38	-8.37	-0.71	-0.24	113.74	-1986.14	-1985.30	112.89	42.12
		1637	32.18	-1.06	-16.08	-16.06	-1.08	-0.51	87.87	-2048.61	-2048.43	87.69	19.42
		1636	34.10	-1.11	-15.86	-15.85	-1.12	-0.22	79.36	-2182.17	-2180.34	77.53	64.29
1277	8	1614	47.98	-1.13	-13.38	-13.33	-1.18	-0.78	183.40	-3060.98	-3060.94	183.36	11.57
		1615	44.42	-1.32	-13.28	-13.28	-1.32	-0.22	212.27	-2807.83	-2806.86	211.30	-54.01
		1638	46.06	-1.74	-25.33	-25.31	-1.77	-0.71	167.00	-2902.25	-2899.49	164.24	-92.10
		1637	49.89	-1.79	-25.02	-25.02	-1.79	-0.19	142.61	-3172.26	-3172.10	142.46	-22.50
1277	32	1614	35.65	-0.83	-9.84	-9.81	-0.86	-0.52	134.55	-2275.21	-2275.06	134.39	19.09
		1615	32.99	-0.96	-9.77	-9.76	-0.96	-0.11	156.41	-2086.03	-2085.68	156.06	-28.21
		1638	34.15	-1.28	-18.65	-18.64	-1.30	-0.49	122.45	-2152.92	-2151.54	121.07	-55.87
		1637	37.02	-1.32	-18.44	-18.44	-1.32	-0.11	104.36	-2354.88	-2354.87	104.34	-5.93
1277	37	1614	31.08	-0.70	-8.40	-8.39	-0.71	-0.28	113.63	-1986.30	-1985.50	112.82	41.12
		1615	28.74	-0.79	-8.32	-8.32	-0.79	0.06	133.80	-1819.09	-1819.09	133.80	3.21
		1638	29.62	-1.10	-16.00	-15.99	-1.11	-0.32	103.47	-1869.78	-1869.59	103.28	-19.37
		1637	32.17	-1.13	-15.88	-15.88	-1.13	-5.26e-03	87.60	-2048.73	-2048.54	87.41	20.00
1278	8	1615	44.43	-1.30	-13.34	-13.33	-1.31	-0.34	212.16	-2808.30	-2807.27	211.13	-55.80
		1616	40.01	-1.61	-13.17	-13.17	-1.61	0.11	257.11	-2488.97	-2484.23	252.37	-114.03
		1639	41.22	-1.85	-25.23	-25.22	-1.86	-0.53	205.09	-2558.84	-2550.83	197.08	-148.58
		1638	46.04	-1.83	-25.03	-25.03	-1.83	0.08	166.33	-2902.55	-2899.84	163.62	-91.13
1278	32	1615	32.99	-0.95	-9.81	-9.80	-0.95	-0.19	156.30	-2086.37	-2085.98	155.91	-29.51
		1616	29.70	-1.17	-9.67	-9.67	-1.17	0.14	190.36	-1847.78	-1845.29	187.87	-71.29
		1639	30.53	-1.36	-18.56	-18.55	-1.37	-0.36	150.81	-1896.11	-1891.61	146.31	-95.87
		1638	34.13	-1.35	-18.44	-18.43	-1.35	0.10	121.95	-2153.15	-2151.81	120.61	-55.19
1278	37	1615	28.74	-0.79	-8.34	-8.34	-0.79	0.03	133.63	-1819.33	-1819.33	133.63	2.16

		1616	25.84	-0.95	-8.21	-8.20	-0.96	0.31	165.09	-1608.59	-1608.05	164.56	-30.77
		1639	26.41	-1.16	-15.86	-15.85	-1.17	-0.19	128.60	-1642.44	-1641.04	127.21	-49.66
		1638	29.61	-1.15	-15.82	-15.82	-1.15	0.19	103.04	-1870.02	-1869.84	102.86	-18.88
1279	8	1616	40.03	-1.59	-13.23	-13.23	-1.59	2.10e-03	256.92	-2489.66	-2484.75	252.02	-115.92
		1617	34.76	-2.18	-12.90	-12.89	-2.18	0.28	323.03	-2100.80	-2089.80	312.03	-162.90
		1640	35.32	-2.07	-25.11	-25.10	-2.08	-0.57	262.47	-2133.35	-2118.75	247.87	-186.42
		1639	41.19	-1.92	-24.95	-24.94	-1.93	0.27	204.08	-2559.46	-2551.53	196.16	-147.80
1279	32	1616	29.70	-1.16	-9.71	-9.71	-1.16	0.07	190.18	-1848.26	-1845.67	187.59	-72.65
		1617	25.78	-1.58	-9.46	-9.45	-1.59	0.27	240.35	-1557.78	-1551.51	234.08	-105.99
		1640	26.12	-1.52	-18.45	-18.44	-1.53	-0.37	193.71	-1577.99	-1569.59	185.31	-121.70
		1639	30.51	-1.41	-18.35	-18.35	-1.41	0.23	150.06	-1896.59	-1892.13	145.61	-95.34
1279	37	1616	25.84	-0.94	-8.23	-8.22	-0.95	0.28	164.83	-1608.94	-1608.37	164.26	-31.88
		1617	22.40	-1.27	-8.00	-7.97	-1.30	0.45	211.34	-1352.50	-1350.40	209.24	-57.28
		1640	22.52	-1.29	-15.68	-15.67	-1.29	-0.18	167.09	-1361.10	-1358.17	164.16	-66.82
		1639	26.40	-1.20	-15.68	-15.68	-1.21	0.32	127.94	-1642.89	-1641.52	126.57	-49.30
1280	8	1617	34.78	-2.15	-12.97	-12.97	-2.15	0.16	322.76	-2101.75	-2090.48	311.49	-164.95
		1618	28.70	-3.26	-12.29	-12.28	-3.26	0.17	416.63	-1637.50	-1618.86	397.99	-194.77
		1641	28.30	-2.52	-25.06	-25.01	-2.57	-1.02	347.63	-1610.94	-1591.27	327.96	-195.28
		1640	35.30	-2.13	-24.82	-24.82	-2.13	0.25	260.87	-2134.57	-2120.05	246.34	-185.96
1280	32	1617	25.79	-1.56	-9.51	-9.50	-1.56	0.20	240.10	-1558.45	-1552.01	233.65	-107.48
		1618	21.26	-2.36	-9.00	-8.99	-2.37	0.21	311.53	-1211.71	-1200.87	300.69	-128.03
		1641	20.88	-1.85	-18.38	-18.35	-1.88	-0.70	257.79	-1187.62	-1176.63	246.80	-125.52
		1640	26.11	-1.56	-18.24	-18.23	-1.56	0.22	192.51	-1578.92	-1570.56	184.15	-121.41
1280	37	1617	22.40	-1.26	-8.03	-8.00	-1.28	0.42	210.98	-1353.01	-1350.82	208.79	-58.49
		1618	18.45	-1.88	-7.57	-7.53	-1.92	0.44	277.68	-1047.16	-1043.16	273.68	-72.66
		1641	17.91	-1.56	-15.51	-15.50	-1.57	-0.42	225.66	-1016.62	-1013.34	222.38	-63.73
		1640	22.51	-1.32	-15.50	-15.50	-1.33	0.33	165.99	-1361.94	-1359.03	163.08	-66.68
1281	8	1618	28.72	-3.24	-12.39	-12.39	-3.24	0.03	416.53	-1638.72	-1619.64	397.45	-197.08
		1619	21.94	-5.25	-10.95	-10.94	-5.26	-0.21	544.93	-1089.52	-1064.54	519.94	-200.53
		1642	20.16	-3.50	-25.25	-24.99	-3.76	-2.34	476.22	-965.76	-948.09	458.55	-158.64
		1641	28.28	-2.55	-24.75	-24.75	-2.55	-0.19	344.79	-1613.34	-1593.65	325.10	-195.36
1281	32	1618	21.28	-2.34	-9.07	-9.07	-2.35	0.12	311.37	-1212.57	-1201.45	300.25	-129.70
		1619	16.25	-3.80	-8.00	-8.00	-3.80	-0.05	409.53	-802.53	-788.26	395.26	-130.73
		1642	14.82	-2.56	-18.47	-18.29	-2.73	-1.64	355.63	-706.26	-697.71	347.08	-94.91
		1641	20.86	-1.86	-18.15	-18.15	-1.86	-0.08	255.62	-1189.41	-1178.41	244.62	-125.63
1281	37	1618	18.46	-1.88	-7.61	-7.58	-1.91	0.40	277.35	-1047.81	-1043.67	273.20	-74.00
		1619	14.13	-3.03	-6.68	-6.66	-3.05	0.28	370.22	-686.71	-681.87	365.38	-71.36
		1642	12.68	-2.15	-15.43	-15.33	-2.25	-1.15	318.28	-594.57	-593.64	317.35	-29.14
		1641	17.90	-1.57	-15.33	-15.32	-1.57	0.11	223.63	-1018.20	-1014.90	220.33	-63.94
1282	8	1619	21.98	-5.34	-11.15	-11.12	-5.38	-0.46	546.77	-1090.23	-1064.61	521.15	-203.18
		1620	15.18	-7.89	-8.75	-8.02	-8.61	-0.31	708.75	-443.66	-419.62	684.71	-164.71
		1643	12.16	-5.65	-26.01	-24.54	-7.11	-5.26	685.61	-156.00	-153.10	682.71	-49.33
		1642	20.14	-3.33	-24.88	-24.79	-3.43	-1.44	469.73	-970.77	-952.78	451.74	-160.01
1282	32	1619	16.28	-3.88	-8.13	-8.12	-3.89	-0.23	410.81	-803.00	-788.33	396.14	-132.63
		1620	11.30	-5.83	-6.25	-5.86	-6.22	-0.12	535.87	-320.72	-308.17	523.32	-102.93
		1643	9.05	-4.13	-18.94	-17.93	-5.15	-3.74	519.44	-106.24	-106.09	519.29	-9.54
		1642	14.81	-2.44	-18.20	-18.14	-2.50	-0.98	350.61	-709.97	-701.21	341.86	-95.97
1282	37	1619	14.14	-3.11	-6.75	-6.74	-3.12	0.17	371.14	-687.01	-681.97	366.10	-72.85
		1620	10.03	-4.63	-5.18	-4.87	-4.94	0.27	492.78	-264.03	-261.42	490.17	-44.41
		1643	8.20	-3.46	-15.57	-14.90	-4.14	-2.78	486.04	-81.37	-76.00	480.67	54.92
		1642	12.67	-2.05	-15.22	-15.20	-2.07	-0.58	313.43	-597.74	-596.74	312.43	-30.17
1283	21	1620	15.18	-6.86	-7.88	-7.06	-7.68	-0.41	781.30	-351.79	-351.73	781.25	8.03
		1621	13.90	-1.85	-10.35	-2.49	-9.71	2.25	1015.36	313.70	330.56	998.50	107.45
		1644	20.99	-7.58	-23.46	-17.54	-13.50	-7.68	1528.38	588.64	893.95	1223.07	440.11
		1643	12.53	-3.68	-20.93	-20.45	-4.17	-2.86	746.26	-122.42	-88.49	712.33	168.29
1283	35	1620	11.41	-5.15	-5.74	-5.24	-5.65	-0.21	589.28	-262.43	-262.24	589.10	12.42
		1621	10.51	-1.33	-7.66	-1.85	-7.14	1.74	768.34	233.98	248.45	753.87	86.73
		1644	15.91	-5.66	-17.28	-13.02	-9.93	-5.60	1158.49	434.45	670.83	922.11	339.52
		1643	9.48	-2.75	-15.53	-15.18	-3.09	-2.06	565.31	-93.01	-64.17	536.47	134.74
1283	37	1620	10.14	-4.99	-5.65	-5.04	-5.60	-0.17	503.53	-258.36	-255.86	501.03	-43.60
		1621	8.71	-1.14	-7.59	-1.71	-7.03	1.82	634.73	208.36	209.75	633.34	24.32
		1644	12.78	-5.58	-16.91	-12.57	-9.92	-5.51	930.57	442.01	587.29	785.28	223.32
		1643	8.04	-2.74	-15.13	-14.79	-3.08	-2.03	465.85	-89.12	-84.87	461.60	48.41
1284	21	1621	15.65	-4.24	-11.89	-4.25	-11.88	0.25	1147.41	391.98	431.79	1107.60	168.78
		1622	17.20	2.81	-14.19	-0.31	-11.07	6.58	1314.27	696.85	878.64	1132.48	281.41
		1645	44.13	-4.70	-30.31	-6.02	-28.99	-5.65	3286.49	1221.00	2298.83	2208.66	1031.76
		1644	17.30	-6.60	-16.98	-14.54	-9.04	-4.40	1279.20	569.70	798.93	1049.97	331.80
1284	35	1621	11.84	-3.12	-8.74	-3.14	-8.72	0.28	868.40	292.06	324.51	835.95	132.85
		1622	13.01	2.14	-10.49	-0.22	-8.13	4.93	995.19	519.81	658.89	856.11	216.27
		1645	33.29	-3.56	-22.22	-4.51	-21.27	-4.10	2478.23	910.73	1722.88	1666.08	783.24
		1644	13.13	-4.94	-12.55	-10.82	-6.67	-3.19	971.19	419.98	599.22	791.95	258.21
1284	37	1621	9.74	-2.96	-8.66	-2.98	-8.64	0.36	714.13	267.04	276.55	704.62	64.51
		1622	10.65	2.27	-10.39	-0.24	-7.89	5.05	806.93	486.56	583.06	710.44	146.98
		1645	28.09	-3.09	-22.11	-3.92	-21.28	-3.89	2098.33	854.11	1541.22	1411.22	618.70
		1644	10.45	-4.88	-12.12	-10.38	-6.61	-3.09	766.99	430.85	526.06	671.78	151.46
1285	22	1622	28.60	11.01	-11.74	10.99	-11.72	0.70	2173.95	854.41	1638.35	1390.00	647.98
		1587	25.32	13.32	-25.67	2.29	-14.64	17.56	1828.66	422.51	719.08	1532.10	573.64

		1586	85.07	-3.07	-13.23	-7.18	-9.12	4.99	6241.16	1414.08	4204.72	3450.52	2383.90
		1645	23.71	-18.28	-45.28	-25.03	-38.54	11.69	1688.57	1156.22	1382.17	1462.62	263.12
1285	36	1622	21.61	8.02	-8.52	8.00	-8.49	0.67	1641.27	636.97	1227.01	1051.22	494.40
		1587	19.22	9.80	-18.71	1.68	-10.59	12.87	1386.17	313.19	538.97	1160.39	437.36
		1586	63.93	-2.11	-9.67	-5.18	-6.60	3.72	4688.69	1058.87	3141.33	2606.23	1795.08
		1645	17.90	-13.39	-32.92	-18.30	-28.00	8.48	1284.43	853.92	1029.18	1109.17	211.51
1285	37	1622	18.44	7.29	-7.42	7.23	-7.36	0.94	1400.09	560.00	1063.33	896.77	411.71
		1587	16.26	8.97	-16.75	1.36	-9.14	11.74	1174.70	278.62	466.55	986.77	364.81
		1586	55.18	-1.10	-8.70	-4.29	-5.50	3.75	4047.17	923.75	2741.45	2229.47	1540.59
		1645	15.26	-11.66	-29.56	-16.28	-24.94	7.83	1079.69	763.62	901.54	941.77	156.75
1286	22	1573	258.65	40.73	21.15	23.44	38.44	6.29	998.73-1.671e+04	-9373.34	-6340.87	8725.08	
		1623	220.94	33.71	-13.55	10.75	9.42	-23.62	1.553e+04	2040.10	5183.64	1.239e+04	-5703.43
		1574	242.04	29.68	-46.75	-20.44	3.38	36.31	552.70-1.581e+04	-306.65-1.495e+04		3649.98	
		54	747.47	51.76	-33.60	-29.67	47.82	-17.89	5.198e+04	5028.55	1.835e+04	3.866e+04	-
2.117e+04													
1286	36	1573	193.59	30.77	16.08	17.85	29.01	4.77	768.70-1.250e+04	-6979.48	-4749.77	6538.97	
		1623	166.25	25.34	-10.09	8.19	7.06	-17.70	1.168e+04	1518.52	3883.53	9315.36	-4294.14
		1574	182.01	22.13	-35.24	-15.47	2.36	27.27	401.09-1.190e+04	-240.34-1.125e+04		2734.30	
		54	561.62	39.02	-25.44	-22.49	36.08	-13.46	3.903e+04	3729.43	1.368e+04	2.909e+04	-
1.588e+04													
1286	37	1573	168.59	26.07	10.48	12.44	24.10	5.17	640.73-1.090e+04	-6126.26	-4134.52	5684.55	
		1623	143.50	23.41	-10.00	5.98	7.43	-16.69	1.009e+04	1340.80	3376.12	8049.72	-3695.23
		1574	157.31	23.14	-28.71	-10.59	5.03	24.72	363.16-1.027e+04	-200.96	-9710.63	2383.88	
		54	486.06	34.40	-18.98	-15.31	30.73	-13.50	3.381e+04	3297.35	1.199e+04	2.511e+04	-
1.377e+04													
1287	22	1623	28.13	-2.48	-25.89	-20.97	-7.40	-9.54	2138.79	865.21	874.01	2129.99	-105.48
		1624	32.87	26.77	-7.78	-4.28	23.27	-10.43	2205.60	216.17	216.77	2205.00	-34.63
		1548	17.09	-27.26	-29.71	-28.25	-28.72	1.20	268.33	-945.46	261.15	-938.29	93.05
		1574	71.62	50.98	-7.61	-5.25	48.62	-11.52	5033.85	823.65	2964.39	2893.12	-2104.80
1287	36	1623	21.23	-1.85	-19.10	-15.45	-5.51	-7.05	1614.22	644.72	653.08	1605.86	-89.68
		1624	24.75	19.96	-5.76	-3.14	17.35	-7.78	1660.36	162.20	163.32	1659.24	-41.00
		1548	12.87	-20.34	-22.27	-21.16	-21.44	0.95	203.35	-711.77	199.11	-707.53	62.09
		1574	53.93	38.08	-5.89	-4.14	36.34	-8.58	3784.97	603.30	2210.67	2177.59	-1590.75
1287	37	1623	18.19	-1.42	-19.86	-16.49	-4.79	-7.13	1384.31	564.26	568.04	1380.53	-55.55
		1624	21.48	20.10	-5.66	-2.82	17.26	-8.06	1432.36	136.32	136.37	1432.31	-8.46
		1548	11.15	-18.09	-20.78	-18.32	-20.55	0.74	168.55	-614.69	162.62	-608.76	67.90
		1574	46.63	37.47	-2.30	-0.02	35.19	-9.25	3265.85	545.52	1931.86	1879.51	-1359.91
1288	8	1624	21.41	6.53	-14.48	-9.89	1.94	-8.68	1418.73	-13.88	68.61	1336.24	333.72
		1625	27.02	2.44	-11.21	-10.65	1.88	-2.71	1002.14	-1056.35	-822.60	768.39	653.10
		1575	14.94	-4.58	-28.46	-28.34	-4.70	-1.69	62.12	-894.24	-794.66	-37.46	292.09
		1548	7.16	2.64	-22.51	-22.48	2.62	0.77	483.73	176.83	401.68	258.88	-135.83
1288	32	1624	15.98	4.68	-10.54	-7.22	1.36	-6.29	1065.21	4.19	54.48	1014.93	225.44
		1625	19.90	1.75	-8.31	-7.92	1.36	-1.95	744.23	-770.84	-608.21	581.59	468.99
		1575	10.88	-3.37	-21.23	-21.14	-3.45	-1.21	39.90	-651.77	-582.45	-29.41	207.70
		1548	5.67	1.96	-17.04	-17.02	1.94	0.62	382.24	121.00	307.96	195.28	-117.85
1288	37	1624	14.23	3.94	-8.90	-6.08	1.12	-5.32	959.32	31.68	54.59	936.41	143.98
		1625	16.97	1.52	-7.26	-6.94	1.20	-1.66	649.08	-641.10	-523.98	531.96	370.66
		1575	8.98	-2.93	-18.82	-18.76	-2.99	-0.94	20.30	-539.53	-489.88	-29.35	159.16
		1548	5.80	1.79	-15.49	-15.47	1.77	0.58	386.19	80.15	289.26	177.08	-142.37
1289	8	1625	26.71	1.04	-13.49	-11.96	-0.50	-4.46	983.64	-1061.18	-816.22	738.67	664.00
		1626	34.12	-1.32	-14.26	-14.11	-1.46	-1.36	723.12	-1794.57	-1514.16	442.71	792.06
		1549	26.92	-1.76	-28.47	-28.31	-1.92	-2.08	103.45	-1661.08	-1572.33	14.70	385.65
		1575	14.61	-1.42	-26.37	-26.21	-1.58	2.01	109.68	-832.66	-773.38	50.40	228.80
1289	32	1625	19.66	0.68	-9.94	-8.86	-0.40	-3.21	729.97	-774.23	-603.45	559.19	477.20
		1626	25.19	-0.98	-10.59	-10.49	-1.08	-0.98	534.68	-1323.82	-1122.48	333.33	577.63
		1549	19.86	-1.29	-21.16	-21.05	-1.40	-1.51	74.11	-1225.53	-1161.85	10.43	280.55
		1575	10.65	-1.03	-19.71	-19.59	-1.15	1.48	77.30	-606.78	-566.67	37.19	160.73
1289	37	1625	16.74	0.50	-8.57	-7.71	-0.36	-2.66	635.40	-643.53	-519.78	511.65	378.09
		1626	21.59	-0.83	-9.31	-9.22	-0.92	-0.84	460.23	-1132.47	-973.09	300.85	477.95
		1549	16.99	-1.10	-18.66	-18.57	-1.18	-1.23	58.19	-1048.69	-998.41	7.91	230.48
		1575	8.83	-0.85	-17.56	-17.46	-0.95	1.27	58.02	-502.43	-476.21	31.80	118.35
1290	8	1626	34.14	-0.79	-15.66	-14.90	-1.54	-3.27	733.21	-1793.94	-1508.26	447.53	800.22
		1627	40.26	-1.79	-16.43	-16.32	-1.90	-1.26	557.02	-2322.72	-2066.55	300.85	819.80
		1576	35.65	-1.37	-28.91	-28.72	-1.56	-2.30	92.71	-2244.14	-2170.18	18.75	409.11
		1549	26.63	-1.73	-26.84	-26.70	-1.87	1.87	97.37	-1640.31	-1570.17	27.23	342.00
1290	32	1626	25.21	-0.61	-11.59	-11.06	-1.15	-2.36	542.18	-1323.22	-1118.11	337.07	583.56
		1627	29.81	-1.32	-12.20	-12.12	-1.39	-0.92	411.41	-1719.84	-1533.44	225.01	602.10
		1576	26.38	-1.00	-21.46	-21.32	-1.14	-1.67	67.38	-1661.10	-1607.29	13.58	300.18
		1549	19.65	-1.26	-19.98	-19.88	-1.36	1.37	69.98	-1210.41	-1160.21	19.78	248.51
1290	37	1626	21.61	-0.57	-10.09	-9.67	-0.98	-1.94	466.77	-1131.61	-969.32	304.47	482.77
		1627	25.74	-1.11	-10.72	-10.65	-1.17	-0.81	352.88	-1485.74	-1332.45	199.59	508.22
		1576	22.77	-0.84	-18.87	-18.76	-0.95	-1.37	55.21	-1433.66	-1389.46	11.01	252.70
		1549	16.81	-1.05	-17.69	-17.61	-1.13	1.15	55.50	-1036.24	-996.90	16.16	203.46
1291	8	1627	40.32	-1.15	-17.67	-17.06	-1.76	-3.13	565.10	-2324.72	-2062.71	303.08	829.78
		1628	45.24	-1.77	-18.06	-17.94	-1.88	-1.38	437.54	-2726.56	-2514.96	225.94	790.41
		1550	42.43	-1.31	-29.85	-29.64	-1.51	-2.41	77.90	-2698.69	-2640.69	19.91	397.07
		1576	35.45	-1.74	-27.33	-27.22	-1.85	1.69	85.12	-2232.75	-2172.28	24.66	369.45

1291	32	1627	29.85	-0.86	-13.09	-12.65	-1.30	-2.27	417.38	-1721.23	-1530.61	226.76	609.37
		1628	33.54	-1.29	-13.40	-13.31	-1.38	-1.01	323.05	-2022.45	-1867.12	167.72	583.26
		1550	31.44	-0.96	-22.13	-21.99	-1.10	-1.75	57.05	-2000.37	-1957.82	14.51	292.78
		1576	26.24	-1.27	-20.31	-20.23	-1.35	1.23	61.92	-1652.81	-1608.80	17.92	271.15
1291	37	1627	25.77	-0.76	-11.42	-11.07	-1.10	-1.88	358.00	-1486.70	-1330.03	201.33	514.26
		1628	29.09	-1.08	-11.76	-11.69	-1.15	-0.89	276.74	-1755.34	-1624.45	145.84	498.85
		1550	27.24	-0.81	-19.42	-19.31	-0.92	-1.45	47.77	-1732.92	-1697.13	11.98	249.89
		1576	22.65	-1.06	-17.93	-17.86	-1.12	1.03	50.87	-1426.85	-1390.65	14.67	228.44
1292	8	1628	45.29	-1.15	-19.28	-18.69	-1.74	-3.22	443.38	-2729.36	-2512.10	226.12	801.32
		1629	49.22	-1.68	-19.40	-19.29	-1.80	-1.45	348.09	-3040.50	-2875.87	183.46	728.53
		1577	47.75	-1.31	-31.10	-30.89	-1.51	-2.46	64.43	-3055.17	-3011.51	20.77	366.47
		1550	42.29	-1.75	-28.26	-28.17	-1.84	1.58	72.39	-2691.67	-2644.30	25.03	358.73
1292	32	1628	33.59	-0.85	-14.27	-13.85	-1.27	-2.35	327.34	-2024.46	-1865.02	167.90	591.22
		1629	36.53	-1.23	-14.39	-14.30	-1.32	-1.07	256.94	-2257.47	-2135.72	135.18	539.74
		1577	35.42	-0.96	-23.05	-22.90	-1.10	-1.79	47.44	-2266.29	-2234.04	15.20	271.25
		1550	31.34	-1.28	-20.98	-20.91	-1.34	1.15	53.06	-1995.25	-1960.44	18.25	264.75
1292	37	1628	29.12	-0.73	-12.45	-12.12	-1.07	-1.95	280.38	-1756.92	-1622.66	146.12	505.47
		1629	31.76	-1.02	-12.61	-12.54	-1.09	-0.94	219.93	-1964.29	-1859.55	115.20	466.68
		1577	30.75	-0.81	-20.20	-20.08	-0.92	-1.48	40.33	-1967.12	-1939.48	12.69	233.94
		1550	27.16	-1.07	-18.48	-18.42	-1.12	0.95	44.53	-1728.70	-1699.27	15.10	226.54
1293	8	1629	49.28	-1.09	-20.61	-20.04	-1.66	-3.29	352.43	-3043.21	-2873.50	182.73	739.91
		1630	52.32	-1.61	-20.57	-20.46	-1.72	-1.42	280.52	-3280.41	-3158.47	158.59	647.56
		1551	51.86	-1.32	-32.49	-32.29	-1.52	-2.49	53.06	-3328.96	-3297.32	21.42	325.60
		1577	47.65	-1.77	-29.50	-29.42	-1.85	1.53	60.85	-3050.89	-3015.78	25.74	328.66
1293	32	1629	36.57	-0.80	-15.25	-14.84	-1.21	-2.40	260.14	-2259.44	-2133.98	134.67	548.06
		1630	38.86	-1.18	-15.24	-15.16	-1.25	-1.05	206.99	-2436.91	-2346.02	116.11	481.70
		1551	38.48	-0.97	-24.06	-23.92	-1.11	-1.81	39.24	-2470.41	-2446.87	15.71	241.88
		1577	35.35	-1.29	-21.88	-21.82	-1.35	1.11	44.84	-2263.16	-2237.15	18.83	243.63
1293	37	1629	31.80	-0.69	-13.29	-12.97	-1.01	-2.00	222.64	-1965.89	-1858.09	114.83	473.62
		1630	33.83	-0.97	-13.34	-13.27	-1.04	-0.92	177.00	-2123.45	-2043.62	97.16	421.06
		1551	33.44	-0.82	-21.06	-20.94	-0.93	-1.50	33.75	-2146.66	-2126.10	13.20	210.69
		1577	30.69	-1.08	-19.24	-19.19	-1.12	0.92	38.18	-1964.51	-1942.04	15.70	210.96
1294	8	1630	52.37	-1.05	-21.74	-21.22	-1.58	-3.26	283.76	-3282.68	-3156.37	157.45	659.18
		1631	54.58	-1.57	-21.58	-21.50	-1.66	-1.30	229.73	-3453.77	-3368.08	144.04	555.24
		1578	54.86	-1.34	-33.88	-33.69	-1.53	-2.50	43.77	-3528.09	-3506.18	21.86	278.87
		1551	51.78	-1.78	-30.89	-30.81	-1.86	1.50	51.09	-3326.66	-3301.92	26.35	288.03
1294	32	1630	38.89	-0.77	-16.08	-15.71	-1.15	-2.38	209.38	-2438.57	-2344.48	115.29	490.20
		1631	40.54	-1.15	-15.98	-15.92	-1.21	-0.96	169.40	-2566.44	-2501.96	104.92	415.01
		1578	40.71	-0.98	-25.08	-24.94	-1.12	-1.82	32.48	-2618.77	-2602.35	16.06	208.04
		1551	38.43	-1.30	-22.90	-22.84	-1.36	1.09	37.79	-2468.71	-2450.23	19.30	214.44
1294	37	1630	33.86	-0.66	-14.01	-13.71	-0.96	-1.97	179.03	-2124.85	-2042.32	96.50	428.17
		1631	35.33	-0.94	-13.97	-13.91	-1.00	-0.83	144.61	-2238.08	-2180.01	86.55	367.41
		1578	35.41	-0.83	-21.92	-21.81	-0.94	-1.51	28.22	-2276.96	-2262.30	13.56	183.25
		1551	33.40	-1.09	-20.10	-20.06	-1.13	0.90	32.52	-2145.21	-2128.88	16.19	187.88
1295	8	1631	54.62	-1.05	-22.72	-22.25	-1.52	-3.14	232.05	-3455.48	-3366.13	142.70	566.99
		1632	55.99	-1.55	-22.46	-22.40	-1.61	-1.10	192.29	-3564.03	-3507.74	136.01	456.36
		1552	56.81	-1.36	-35.18	-34.99	-1.54	-2.50	36.38	-3656.80	-3642.56	22.15	228.84
		1578	54.80	-1.80	-32.28	-32.20	-1.87	1.50	43.18	-3527.36	-3510.97	26.78	241.42
1295	32	1631	40.57	-0.77	-16.80	-16.46	-1.11	-2.28	171.12	-2567.70	-2500.53	103.95	423.62
		1632	41.60	-1.13	-16.62	-16.58	-1.17	-0.81	141.64	-2648.69	-2605.79	98.74	343.32
		1552	42.17	-0.99	-26.02	-25.89	-1.13	-1.82	27.07	-2714.58	-2703.79	16.28	171.68
		1578	40.68	-1.31	-23.91	-23.86	-1.36	1.09	32.02	-2618.22	-2605.84	19.65	180.69
1295	37	1631	35.36	-0.66	-14.61	-14.35	-0.92	-1.89	146.10	-2239.17	-2178.81	85.74	374.61
		1632	36.26	-0.93	-14.50	-14.46	-0.97	-0.70	120.60	-2310.62	-2270.67	80.65	309.08
		1552	36.68	-0.84	-22.71	-22.60	-0.94	-1.51	23.69	-2360.90	-2350.99	13.78	153.44
		1578	35.38	-1.10	-20.96	-20.92	-1.14	0.90	27.77	-2276.43	-2265.19	16.54	160.52
1296	8	1632	56.02	-1.08	-23.55	-23.16	-1.47	-2.94	193.81	-3565.13	-3505.88	134.56	468.18
		1633	56.56	-1.54	-23.19	-23.16	-1.58	-0.85	165.99	-3612.56	-3579.09	132.52	354.06
		1579	57.74	-1.37	-36.30	-36.13	-1.55	-2.49	30.69	-3717.25	-3708.86	22.29	177.15
		1552	56.77	-1.81	-33.57	-33.50	-1.88	1.50	37.00	-3657.41	-3647.46	27.05	191.44
1296	32	1632	41.62	-0.79	-17.40	-17.12	-1.07	-2.14	142.78	-2649.53	-2604.43	97.68	351.98
		1633	42.02	-1.12	-17.15	-17.13	-1.15	-0.62	122.07	-2684.75	-2658.73	96.05	269.02
		1579	42.85	-1.00	-26.84	-26.72	-1.13	-1.82	22.87	-2759.46	-2752.98	16.40	134.04
		1552	42.14	-1.32	-24.86	-24.81	-1.37	1.09	27.48	-2714.99	-2707.36	19.86	144.36
1296	37	1632	36.29	-0.67	-15.12	-14.90	-0.89	-1.75	121.62	-2311.38	-2269.53	79.77	316.33
		1633	36.64	-0.92	-14.94	-14.92	-0.94	-0.52	103.54	-2342.13	-2316.65	78.06	248.32
		1579	37.28	-0.84	-23.38	-23.28	-0.94	-1.50	20.11	-2399.95	-2393.74	13.90	122.44
		1552	36.66	-1.10	-21.75	-21.71	-1.14	0.90	23.94	-2361.14	-2353.95	16.76	130.75
1297	8	1633	56.59	-1.12	-24.24	-23.92	-1.44	-2.69	166.77	-3613.06	-3577.30	131.01	365.92
		1634	56.28	-1.54	-23.79	-23.77	-1.56	-0.55	149.51	-3599.71	-3582.87	132.66	250.72
		1553	57.65	-1.38	-37.22	-37.04	-1.55	-2.48	26.51	-3710.29	-3706.10	22.33	124.98
		1579	57.72	-1.82	-34.71	-34.64	-1.88	1.51	32.42	-3719.05	-3713.84	27.20	139.76
1297	32	1633	42.04	-0.82	-17.90	-17.68	-1.05	-1.95	122.68	-2685.16	-2657.42	94.94	277.70
		1634	41.81	-1.12	-17.58	-17.57	-1.13	-0.40	109.72	-2674.88	-2661.31	96.15	193.92
		1553	42.79	-1.01	-27.50	-27.38	-1.13	-1.81	19.75	-2754.02	-2750.70	16.42	96.03
		1579	42.84	-1.33	-25.68	-25.63	-1.38	1.10	24.08	-2760.71	-2756.62	19.98	106.73
1297	37	1633	36.65	-0.69	-15.53	-15.36	-0.86	-1.58	104.13	-2342.55	-2315.55	77.14	255.59

		1634	36.44	-0.92	-15.28	-15.27	-0.93	-0.32	92.62	-2332.89	-2318.42	78.14	186.81
		1553	37.21	-0.85	-23.91	-23.81	-0.95	-1.50	17.37	-2394.66	-2391.22	13.92	91.09
		1579	37.26	-1.11	-22.42	-22.39	-1.15	0.90	20.99	-2400.87	-2396.75	16.87	99.76
1298	8	1634	56.31	-1.17	-24.78	-24.53	-1.41	-2.40	149.58	-3599.62	-3581.14	131.10	262.58
		1635	55.14	-1.54	-24.23	-24.23	-1.54	-0.23	142.27	-3525.09	-3519.08	136.26	148.37
		1580	56.55	-1.39	-37.88	-37.71	-1.55	-2.47	23.73	-3635.74	-3634.27	22.26	73.34
		1553	57.65	-1.82	-35.62	-35.55	-1.89	1.52	29.29	-3713.19	-3711.14	27.24	87.57
1298	32	1634	41.82	-0.86	-18.29	-18.12	-1.03	-1.73	109.82	-2674.87	-2660.05	95.00	202.61
		1635	40.95	-1.12	-17.89	-17.89	-1.12	-0.16	104.17	-2618.81	-2613.55	98.91	119.59
		1580	41.96	-1.01	-27.98	-27.86	-1.14	-1.80	17.62	-2698.17	-2696.91	16.37	58.43
		1553	42.79	-1.33	-26.34	-26.29	-1.38	1.10	21.71	-2756.07	-2754.37	20.01	68.72
1298	37	1634	36.45	-0.72	-15.83	-15.71	-0.85	-1.38	92.81	-2332.99	-2317.36	77.18	194.08
		1635	35.66	-0.92	-15.51	-15.51	-0.92	-0.10	87.48	-2282.68	-2275.96	80.76	126.02
		1580	36.47	-0.85	-24.27	-24.17	-0.95	-1.49	15.40	-2344.94	-2343.41	13.86	60.13
		1553	37.20	-1.11	-22.95	-22.91	-1.15	0.91	18.84	-2396.21	-2394.27	16.90	68.40
1299	8	1635	55.16	-1.22	-25.17	-24.99	-1.40	-2.08	141.65	-3524.43	-3517.42	134.64	160.22
		1636	53.12	-1.54	-24.53	-24.53	-1.54	0.10	144.43	-3387.71	-3387.02	143.74	49.20
		1554	54.42	-1.39	-38.27	-38.11	-1.56	-2.46	22.24	-3492.49	-3492.34	22.08	23.32
		1580	56.57	-1.82	-36.29	-36.22	-1.89	1.53	27.52	-3639.73	-3639.38	27.17	35.90
1299	32	1635	40.96	-0.89	-18.57	-18.44	-1.02	-1.49	103.78	-2618.39	-2612.33	97.72	128.27
		1636	39.43	-1.12	-18.10	-18.10	-1.12	0.09	105.54	-2515.78	-2514.91	104.67	47.68
		1554	40.37	-1.02	-28.24	-28.13	-1.14	-1.79	16.41	-2591.05	-2590.86	16.23	22.08
		1580	41.97	-1.33	-26.82	-26.77	-1.38	1.11	20.31	-2700.99	-2700.64	19.95	31.10
1299	37	1635	35.67	-0.75	-16.04	-15.95	-0.84	-1.16	87.27	-2282.47	-2274.95	79.75	133.29
		1636	34.30	-0.92	-15.65	-15.65	-0.92	0.12	88.23	-2190.83	-2188.83	86.23	67.51
		1554	35.05	-0.86	-24.44	-24.35	-0.95	-1.48	14.13	-2250.04	-2249.64	13.72	30.34
		1580	36.47	-1.11	-23.31	-23.27	-1.15	0.92	17.43	-2347.09	-2346.50	16.84	37.42
1300	8	1636	53.13	-1.27	-25.41	-25.29	-1.40	-1.74	143.11	-3386.50	-3385.44	142.06	61.02
		1637	50.19	-1.54	-24.69	-24.68	-1.55	0.42	156.83	-3185.72	-3185.14	156.25	-44.10
		1581	51.21	-1.39	-38.38	-38.22	-1.56	-2.44	21.97	-3278.23	-3278.06	21.80	-23.74
		1554	54.45	-1.82	-36.68	-36.61	-1.89	1.55	27.05	-3497.60	-3497.54	27.00	-14.17
1300	32	1636	39.43	-0.93	-18.74	-18.65	-1.02	-1.24	104.64	-2514.97	-2513.76	103.43	56.33
		1637	37.23	-1.12	-18.20	-18.20	-1.13	0.33	114.44	-2364.41	-2364.25	114.28	-19.74
		1581	37.97	-1.02	-28.31	-28.19	-1.14	-1.78	16.06	-2430.93	-2430.87	16.00	-12.01
		1554	40.39	-1.33	-27.09	-27.04	-1.38	1.13	19.83	-2594.67	-2594.66	19.81	-5.30
1300	37	1636	34.31	-0.78	-16.14	-16.09	-0.84	-0.94	87.63	-2190.33	-2187.87	85.17	74.75
		1637	32.34	-0.92	-15.69	-15.68	-0.93	0.34	95.44	-2056.10	-2056.02	95.36	13.21
		1581	32.92	-0.86	-24.43	-24.34	-0.95	-1.47	13.49	-2108.43	-2108.43	13.49	2.69
		1554	35.06	-1.11	-23.49	-23.45	-1.15	0.93	16.73	-2252.82	-2252.79	16.70	7.60
1301	8	1637	50.20	-1.32	-25.52	-25.44	-1.41	-1.42	154.78	-3184.00	-3183.69	154.46	-32.36
		1638	46.34	-1.56	-24.72	-24.70	-1.59	0.71	181.12	-2915.89	-2910.61	175.84	-127.81
		1555	46.88	-1.39	-38.22	-38.06	-1.55	-2.42	22.85	-2988.84	-2987.39	21.40	-65.96
		1581	51.26	-1.82	-36.79	-36.72	-1.89	1.57	27.85	-3284.55	-3283.41	26.71	-61.32
1301	32	1637	37.24	-0.97	-18.80	-18.75	-1.02	-1.00	113.02	-2363.24	-2363.19	112.97	-11.14
		1638	34.34	-1.14	-18.21	-18.19	-1.15	0.55	132.12	-2162.25	-2159.47	129.34	-79.84
		1555	34.72	-1.02	-28.17	-28.05	-1.13	-1.76	16.49	-2214.73	-2213.93	15.68	-42.39
		1581	38.00	-1.33	-27.15	-27.10	-1.38	1.14	20.22	-2435.42	-2434.78	19.59	-39.45
1301	37	1637	32.34	-0.81	-16.15	-16.12	-0.85	-0.72	94.43	-2055.34	-2055.14	94.24	20.39
		1638	29.76	-0.93	-15.64	-15.62	-0.95	0.54	110.24	-1876.29	-1875.70	109.65	-34.26
		1555	30.05	-0.85	-24.24	-24.15	-0.95	-1.46	13.40	-1917.35	-1917.12	13.16	-21.48
		1581	32.94	-1.11	-23.48	-23.44	-1.15	0.94	16.66	-2111.87	-2111.68	16.47	-20.12
1302	8	1638	46.34	-1.39	-25.51	-25.46	-1.44	-1.13	178.26	-2913.74	-2909.37	173.89	-116.21
		1639	41.50	-1.63	-24.67	-24.64	-1.66	0.91	219.92	-2572.58	-2558.70	206.04	-196.39
		1582	41.30	-1.38	-37.84	-37.68	-1.53	-2.40	24.74	-2617.29	-2613.47	20.91	-100.47
		1555	46.94	-1.81	-36.63	-36.56	-1.89	1.59	29.87	-2996.54	-2992.98	26.31	-103.68
1302	32	1638	34.34	-1.01	-18.78	-18.74	-1.05	-0.78	130.12	-2160.79	-2158.57	127.90	-71.35
		1639	30.71	-1.18	-18.16	-18.13	-1.21	0.69	160.54	-1905.06	-1897.04	152.53	-128.40
		1582	30.56	-1.01	-27.86	-27.74	-1.12	-1.75	17.58	-1937.19	-1934.90	15.29	-66.87
		1555	34.77	-1.32	-27.01	-26.96	-1.38	1.16	21.45	-2220.20	-2218.01	19.27	-69.94
1302	37	1638	29.76	-0.85	-16.08	-16.06	-0.87	-0.52	108.78	-1875.34	-1874.96	108.41	-27.17
		1639	26.52	-0.96	-15.53	-15.50	-1.00	0.68	134.46	-1647.66	-1644.83	131.63	-71.00
		1582	26.36	-0.85	-23.89	-23.80	-0.94	-1.45	13.69	-1672.15	-1671.20	12.73	-40.12
		1555	30.08	-1.11	-23.28	-23.24	-1.15	0.96	17.15	-1921.54	-1920.52	16.14	-44.38
1303	8	1639	41.50	-1.48	-25.43	-25.40	-1.52	-0.93	216.13	-2570.15	-2557.81	203.79	-185.02
		1640	35.59	-1.80	-24.61	-24.58	-1.84	0.91	277.16	-2145.72	-2121.46	252.91	-241.22
		1556	34.31	-1.35	-37.33	-37.17	-1.50	-2.38	27.37	-2151.61	-2144.68	20.44	-122.67
		1582	41.39	-1.80	-36.24	-36.16	-1.87	1.61	33.03	-2626.71	-2619.48	25.81	-138.44
1303	32	1639	30.71	-1.08	-18.70	-18.67	-1.11	-0.63	157.88	-1903.43	-1896.41	150.86	-120.09
		1640	26.28	-1.31	-18.09	-18.06	-1.34	0.70	202.74	-1585.32	-1571.09	188.51	-158.88
		1556	25.33	-0.98	-27.46	-27.34	-1.10	-1.74	19.08	-1589.33	-1585.14	14.89	-81.96
		1582	30.62	-1.31	-26.70	-26.64	-1.37	1.17	23.42	-1943.86	-1939.30	18.86	-94.61
1303	37	1639	26.52	-0.90	-15.94	-15.93	-0.91	-0.38	132.48	-1646.63	-1644.32	130.17	-64.07
		1640	22.57	-1.06	-15.39	-15.35	-1.10	0.70	171.08	-1363.69	-1358.28	165.67	-90.96
		1556	21.73	-0.83	-23.46	-23.37	-0.92	-1.44	14.10	-1364.89	-1363.07	12.28	-49.97
		1582	26.40	-1.10	-22.94	-22.89	-1.14	0.97	18.06	-1677.23	-1674.87	15.70	-63.19
1304	8	1640	35.58	-1.65	-25.37	-25.33	-1.69	-0.93	272.23	-2143.35	-2121.19	250.07	-230.27
		1641	28.46	-2.20	-24.67	-24.66	-2.21	0.49	359.09	-1617.31	-1585.61	327.39	-248.29

		1583	25.60	-1.29	-36.93	-36.78	-1.45	-2.38	30.15	-1570.72	-1560.96	20.39	-124.60
		1556	34.44	-1.76	-35.71	-35.63	-1.83	1.63	37.12	-2163.33	-2151.47	25.26	-161.09
1304	32	1640	26.27	-1.21	-18.62	-18.60	-1.23	-0.62	199.25	-1583.77	-1570.91	186.39	-150.89
		1641	20.93	-1.59	-18.10	-18.09	-1.60	0.40	263.64	-1189.73	-1171.75	245.66	-160.66
		1583	18.82	-0.94	-27.14	-27.02	-1.06	-1.73	20.48	-1155.39	-1149.71	14.80	-81.56
		1556	25.42	-1.28	-26.28	-26.23	-1.34	1.19	25.90	-1597.62	-1590.12	18.41	-110.03
1304	37	1640	22.57	-1.00	-15.80	-15.79	-1.01	-0.35	168.45	-1362.82	-1358.16	163.79	-84.33
		1641	17.84	-1.30	-15.29	-15.27	-1.31	0.49	225.46	-1013.28	-1007.51	219.69	-84.41
		1583	15.97	-0.79	-23.09	-22.99	-0.89	-1.44	14.14	-981.69	-979.62	12.06	-45.37
		1556	21.79	-1.07	-22.50	-22.45	-1.12	0.98	19.09	-1371.13	-1367.25	15.21	-73.34
1305	8	1641	28.45	-1.99	-25.50	-25.43	-2.06	-1.32	352.60	-1615.70	-1586.46	323.36	-238.12
		1642	20.01	-3.02	-25.12	-25.09	-3.05	-0.81	477.46	-955.12	-928.40	450.74	-193.83
		1557	14.62	-1.21	-37.26	-37.09	-1.38	-2.45	32.18	-836.02	-826.31	22.48	-91.26
		1583	25.77	-1.65	-35.27	-35.19	-1.73	1.65	41.52	-1586.03	-1569.34	24.83	-163.96
1305	32	1641	20.93	-1.45	-18.69	-18.64	-1.50	-0.90	259.02	-1188.80	-1172.39	242.62	-153.25
		1642	14.64	-2.20	-18.38	-18.36	-2.21	-0.53	353.21	-695.09	-682.15	340.27	-115.75
		1557	10.60	-0.89	-27.33	-27.21	-1.01	-1.79	21.02	-606.52	-601.79	16.29	-54.27
		1583	18.94	-1.21	-25.93	-25.87	-1.27	1.20	28.32	-1166.14	-1155.86	18.03	-110.35
1305	37	1641	17.84	-1.21	-15.74	-15.71	-1.23	-0.56	221.91	-1013.10	-1008.11	216.93	-78.31
		1642	12.39	-1.79	-15.37	-15.37	-1.80	-0.23	310.44	-579.30	-577.92	309.06	-34.93
		1557	8.71	-0.75	-23.11	-23.01	-0.85	-1.48	13.71	-497.87	-497.39	13.22	-15.70
		1583	16.05	-1.01	-22.09	-22.04	-1.06	0.99	19.53	-989.59	-984.80	14.73	-69.39
1306	7	1642	19.91	-2.79	-25.99	-25.69	-3.09	-2.62	457.73	-958.99	-914.57	413.31	-246.89
		1643	11.45	-4.37	-26.20	-25.43	-5.15	-4.04	631.45	-149.58	-130.97	612.84	-119.10
		1584	3.02	-1.46	-39.72	-39.48	-1.70	-3.02	100.20	18.55	83.31	35.44	-33.07
		1557	15.02	-1.21	-35.02	-34.93	-1.29	1.68	53.61	-866.73	-837.18	24.06	-162.25
1306	31	1642	14.51	-2.04	-19.01	-18.81	-2.24	-1.83	337.23	-695.62	-673.18	314.78	-150.61
		1643	8.35	-3.19	-19.10	-18.58	-3.72	-2.85	474.21	-90.85	-86.74	470.10	-48.01
		1584	2.45	-1.06	-29.08	-28.91	-1.23	-2.20	80.23	25.75	79.95	26.03	-3.89
		1557	10.86	-0.89	-25.73	-25.66	-0.95	1.22	34.25	-626.78	-609.87	17.33	-104.39
1306	37	1642	12.39	-1.70	-15.99	-15.87	-1.81	-1.28	306.08	-580.87	-579.87	305.09	-29.68
		1643	7.93	-2.65	-15.88	-15.55	-2.98	-2.05	480.20	-57.85	-43.69	466.04	86.13
		1584	3.47	-0.88	-24.56	-24.42	-1.02	-1.80	157.50	-6.54	128.70	22.26	62.42
		1557	8.81	-0.77	-22.00	-21.95	-0.82	1.00	17.03	-508.25	-504.94	13.72	-41.57
1307	21	1643	13.08	-4.48	-24.03	-22.84	-5.68	-4.69	805.29	-108.39	-26.99	723.89	260.27
		1644	23.81	-3.33	-23.42	-19.18	-7.58	-8.20	1698.63	443.01	973.48	1168.17	620.22
		1558	27.08	-4.22	-43.09	-42.33	-4.98	-5.38	1672.00	-1.77	1528.23	141.99	469.00
		1584	5.61	1.21	-31.49	-31.42	1.14	1.51	262.78	-44.97	224.63	-6.81	101.43
1307	35	1643	9.95	-3.32	-17.79	-16.94	-4.18	-3.41	612.08	-84.99	-17.71	544.80	205.85
		1644	18.10	-2.52	-17.28	-14.22	-5.58	-5.98	1288.79	322.27	730.73	880.33	477.43
		1558	20.40	-3.10	-31.94	-31.38	-3.66	-3.97	1259.37	-5.07	1147.75	106.55	358.72
		1584	4.32	0.87	-23.44	-23.39	0.81	1.12	204.12	-37.22	172.33	-5.43	81.62
1307	37	1643	8.03	-3.32	-17.41	-16.55	-4.19	-3.39	488.40	-62.73	-46.14	471.80	94.18
		1644	14.13	-2.45	-16.85	-13.73	-5.57	-5.93	1023.65	367.78	638.59	752.84	322.92
		1558	17.38	-3.10	-31.48	-30.90	-3.68	-4.00	1072.83	24.51	1002.54	94.80	262.19
		1584	2.93	0.87	-22.93	-22.88	0.82	1.11	118.12	-7.90	112.40	-2.18	26.23
1308	22	1644	28.71	-9.08	-48.14	-28.57	-28.65	-19.53	1984.20	568.58	1085.86	1466.92	681.68
		1645	39.22	15.43	-10.60	10.90	-6.06	-9.88	2936.77	979.94	2163.74	1752.97	956.61
		1585	71.97	-35.35	-110.47	-90.80	-55.01	-33.02	4728.95	545.28	3924.23	1350.00	1648.97
		1558	27.56	26.46	-40.70	-40.19	25.94	5.84	1403.30	-421.12	1389.63	-407.45	157.36
1308	36	1644	21.88	-6.73	-34.97	-20.92	-20.77	-14.12	1510.74	407.95	813.67	1105.02	531.80
		1645	29.74	11.04	-7.74	7.75	-4.46	-7.14	2221.85	719.40	1615.56	1325.69	737.11
		1585	53.97	-25.69	-80.42	-66.27	-39.83	-23.96	3548.11	396.68	2929.31	1015.48	1251.87
		1558	20.68	19.12	-29.94	-29.57	18.75	4.24	1054.93	-319.52	1042.70	-307.29	129.08
1308	37	1644	18.26	-6.16	-30.94	-18.61	-18.48	-12.39	1267.42	384.65	701.71	950.37	423.51
		1645	25.14	9.91	-6.76	7.05	-3.90	-6.28	1888.56	652.21	1409.26	1131.51	602.37
		1585	46.64	-22.85	-71.72	-59.35	-35.23	-21.25	3068.91	364.98	2558.15	875.73	1058.39
		1558	17.81	16.85	-27.06	-26.75	16.54	3.71	905.15	-270.81	897.94	-263.61	91.76
1309	22	1645	124.81	12.45	-36.47	-13.21	-10.81	-24.43	8912.74	1725.59	5236.21	5402.12	3592.62
		1586	53.41	16.62	-45.77	10.34	-39.49	18.78	886.06	-2891.22	-1788.36	-216.80	-1717.41
		52	413.46	24.83	-108.58	-97.30	13.55	-37.12	2.861e+04	2777.08	1.479e+04	1.659e+04	1.288e+04
		1585	124.11	-39.53	-96.90	-75.26	-61.16	27.81	1680.55	-7259.84	902.23	-6481.52	-2520.46
1309	36	1645	94.04	8.92	-26.36	-9.68	-7.76	-17.62	6710.72	1274.81	3916.79	4068.73	2716.89
		1586	39.73	11.91	-33.26	7.45	-28.79	13.48	671.05	-2145.01	-1328.65	-145.31	-1277.68
		52	310.37	18.27	-79.09	-71.04	10.22	-26.82	2.147e+04	2047.42	1.102e+04	1.249e+04	9682.03
		1585	93.03	-29.03	-70.52	-55.02	-44.53	20.07	1242.99	-5454.68	666.34	-4878.03	-1878.75
1309	37	1645	80.63	7.71	-23.03	-8.49	-6.83	-15.35	5768.49	1139.95	3408.99	3499.44	2313.83
		1586	34.96	11.06	-29.16	7.08	-25.18	12.01	574.71	-1898.08	-1168.74	-154.64	-1127.64
		52	268.38	16.38	-70.51	-63.55	9.42	-23.58	1.858e+04	1834.72	9662.60	1.076e+04	8357.12
		1585	80.73	-26.24	-62.70	-49.34	-39.61	17.57	1103.86	-4715.33	590.65	-4202.11	-1650.19
1310	8	1646	0.49	-0.09	-0.88	-0.52	-0.45	0.39	15.23	-22.39	15.21	-22.36	0.99
		1659	1.67	0.47	-0.23	0.42	-0.18	0.18	-30.57	-121.82	-121.81	-30.58	1.07
		1476	4.54	6.03	-1.34	1.33	3.36	-3.55	191.03	-151.46	-129.87	169.44	83.23
		1461	2.38	1.07	0.39	0.41	1.05	0.12	165.88	23.30	33.34	155.85	36.47
1310	32	1646	0.37	-0.06	-0.66	-0.39	-0.34	0.30	11.35	-16.91	11.33	-16.89	0.81
		1659	1.23	0.35	-0.16	0.32	-0.13	0.13	-23.03	-89.78	-89.78	-23.03	0.20
		1476	3.38	4.52	-1.01	1.00	2.51	-2.66	144.47	-110.63	-95.85	129.68	59.62

		1461	1.81	0.82	0.28	0.30	0.81	0.09	126.50	17.82	24.83	119.49	26.69
1310	37	1646	0.34	-0.04	-0.59	-0.34	-0.29	0.27	10.00	-15.47	9.97	-15.44	0.89
		1659	1.04	0.32	-0.12	0.29	-0.10	0.09	-20.84	-76.57	-76.54	-20.88	-1.36
		1476	2.97	4.07	-0.93	0.90	2.25	-2.41	132.76	-92.11	-82.09	122.74	46.39
		1461	1.70	0.79	0.23	0.24	0.77	0.08	118.69	16.60	21.74	113.55	22.33
1311	8	1659	2.07	0.20	-0.60	-0.11	-0.28	0.39	-22.24	-147.75	-147.13	-22.86	8.77
		1648	6.40	3.71	0.09	3.64	0.16	-0.50	-14.10	-422.11	-421.72	-14.49	-12.69
		1463	8.42	9.75	-3.35	5.38	1.01	-6.17	160.57	-438.49	-428.60	150.68	76.33
		1476	3.93	6.68	-1.16	2.53	2.98	-3.91	179.97	-111.73	-100.14	168.37	57.00
1311	32	1659	1.53	0.16	-0.43	-0.07	-0.21	0.29	-16.86	-109.01	-108.62	-17.25	6.02
		1648	4.75	2.80	0.07	2.75	0.12	-0.37	-10.60	-313.08	-312.71	-10.96	-10.47
		1463	6.26	7.26	-2.51	3.99	0.75	-4.61	121.23	-324.61	-317.90	114.52	54.31
		1476	2.93	4.98	-0.88	1.88	2.22	-2.92	136.29	-81.05	-73.32	128.56	40.25
1311	37	1659	1.30	0.16	-0.36	-0.03	-0.17	0.25	-15.53	-93.21	-93.01	-15.73	3.92
		1648	4.13	2.56	0.07	2.51	0.12	-0.35	-9.53	-271.78	-271.25	-10.07	-11.85
		1463	5.47	6.48	-2.27	3.52	0.69	-4.14	110.93	-280.54	-276.18	106.58	41.06
		1476	2.58	4.44	-0.80	1.65	1.99	-2.61	125.70	-66.27	-61.51	120.94	29.85
1312	8	1648	6.53	3.79	0.02	3.78	0.03	-0.21	-19.59	-432.60	-432.57	-19.62	-3.45
		1660	12.53	9.24	0.31	9.20	0.35	-0.61	-7.55	-809.08	-808.34	-8.29	-24.32
		1477	14.20	11.15	-3.76	8.08	-0.68	-6.03	141.76	-835.50	-832.93	139.19	50.09
		1463	8.31	9.85	-3.22	5.62	1.01	-6.11	168.25	-426.00	-419.07	161.32	63.79
1312	32	1648	4.85	2.86	0.02	2.85	0.03	-0.16	-14.77	-320.93	-320.89	-14.81	-3.47
		1660	9.32	6.93	0.23	6.90	0.27	-0.46	-5.61	-601.90	-601.27	-6.24	-19.33
		1477	10.57	8.29	-2.81	5.99	-0.51	-4.50	106.82	-621.23	-619.60	105.19	34.44
		1463	6.18	7.33	-2.41	4.17	0.75	-4.56	127.12	-315.30	-310.70	122.52	44.87
1312	37	1648	4.21	2.61	0.03	2.61	0.04	-0.14	-13.41	-278.76	-278.65	-13.52	-5.45
		1660	8.17	6.28	0.22	6.26	0.25	-0.42	-4.88	-526.82	-526.03	-5.67	-20.25
		1477	9.27	7.39	-2.53	5.29	-0.43	-4.05	97.27	-543.19	-542.40	96.48	22.43
		1463	5.40	6.52	-2.16	3.67	0.68	-4.08	116.49	-272.39	-269.66	113.76	32.51
1313	8	1660	12.59	9.38	0.27	9.36	0.29	-0.40	-11.03	-814.11	-813.66	-11.48	-19.05
		1649	19.25	14.30	0.34	14.29	0.35	-0.49	-2.96	-1237.76	-1236.36	-4.36	-41.52
		1464	20.68	11.14	-2.66	9.55	-1.08	-4.40	122.01	-1279.61	-1279.59	121.99	5.66
		1477	14.26	10.90	-3.47	8.06	-0.63	-5.72	145.47	-837.85	-835.77	143.39	45.12
1313	32	1660	9.37	7.03	0.21	7.02	0.22	-0.30	-8.25	-605.68	-605.28	-8.65	-15.33
		1649	14.34	10.71	0.25	10.70	0.27	-0.37	-2.12	-922.24	-921.11	-3.25	-32.25
		1464	15.41	8.28	-1.99	7.09	-0.80	-3.29	91.70	-953.27	-953.27	91.70	1.17
		1477	10.61	8.10	-2.59	5.98	-0.46	-4.27	109.64	-623.02	-621.73	108.36	30.68
1313	37	1660	8.21	6.37	0.19	6.36	0.20	-0.26	-7.32	-530.19	-529.66	-7.85	-16.56
		1649	12.62	9.69	0.24	9.68	0.25	-0.34	-1.61	-810.49	-809.23	-2.88	-31.99
		1464	13.56	7.39	-1.79	6.28	-0.69	-2.99	82.97	-837.62	-837.56	82.90	-7.53
		1477	9.31	7.21	-2.32	5.28	-0.39	-3.83	99.91	-544.87	-544.31	99.35	18.98
1314	8	1649	19.28	14.33	0.32	14.33	0.33	-0.29	-4.26	-1240.65	-1239.54	-5.38	-37.09
		1661	25.83	17.76	0.30	17.75	0.30	-0.32	1.66	-1662.42	-1660.20	-0.56	-60.70
		1478	26.98	11.12	-1.47	10.45	-0.81	-2.81	100.91	-1710.74	-1709.54	99.71	-46.55
		1464	20.73	10.94	-2.44	9.52	-1.02	-4.13	122.61	-1282.43	-1282.42	122.60	2.28
1314	32	1649	14.37	10.73	0.24	10.72	0.25	-0.21	-3.11	-924.40	-923.50	-4.02	-28.88
		1661	19.26	13.29	0.23	13.28	0.23	-0.24	1.38	-1239.68	-1237.93	-0.36	-46.54
		1478	20.12	8.26	-1.10	7.76	-0.60	-2.10	75.55	-1275.58	-1274.52	74.50	-37.67
		1464	15.44	8.13	-1.82	7.06	-0.76	-3.08	92.16	-955.40	-955.39	92.16	-1.39
1314	37	1649	12.64	9.71	0.23	9.70	0.23	-0.19	-2.55	-812.40	-811.37	-3.58	-28.86
		1661	16.98	12.03	0.21	12.03	0.22	-0.23	1.61	-1091.75	-1089.93	-0.21	-44.65
		1478	17.73	7.39	-1.00	6.91	-0.52	-1.94	67.73	-1123.28	-1121.82	66.26	-41.75
		1464	13.59	7.24	-1.64	6.26	-0.65	-2.79	83.43	-839.57	-839.46	83.32	-9.88
1315	8	1661	25.84	17.73	0.29	17.73	0.29	-0.12	0.82	-1663.77	-1661.88	-1.08	-56.17
		1650	31.80	19.77	0.26	19.76	0.26	-0.20	5.09	-2052.06	-2049.05	2.08	-78.61
		1465	32.70	11.34	-0.71	11.10	-0.47	-1.68	82.70	-2100.69	-2096.40	78.41	-96.67
		1478	27.01	11.01	-1.35	10.45	-0.79	-2.58	101.01	-1712.33	-1710.98	99.67	-49.33
1315	32	1661	19.27	13.27	0.22	13.27	0.22	-0.09	0.74	-1240.68	-1239.18	-0.76	-43.10
		1650	23.73	14.79	0.19	14.79	0.20	-0.15	3.97	-1530.94	-1528.61	1.63	-59.78
		1465	24.39	8.43	-0.53	8.25	-0.35	-1.26	61.60	-1567.03	-1563.59	58.16	-74.72
		1478	20.14	8.18	-1.01	7.76	-0.58	-1.93	75.64	-1276.78	-1275.61	74.47	-39.77
1315	37	1661	16.99	12.02	0.20	12.02	0.21	-0.07	1.00	-1092.62	-1091.04	-0.57	-41.46
		1650	20.94	13.43	0.19	13.43	0.19	-0.15	3.96	-1349.76	-1347.43	1.63	-56.13
		1465	21.51	7.55	-0.48	7.37	-0.30	-1.19	54.51	-1381.35	-1377.55	50.71	-73.77
		1478	17.75	7.31	-0.91	6.91	-0.51	-1.77	67.85	-1124.38	-1122.78	66.25	-43.68
1316	22	1650	31.82	19.01	0.24	19.01	0.24	6.31e-03	5.07	-2055.83	-2052.92	2.16	-77.37
		1662	37.02	19.96	0.23	19.96	0.23	-0.13	8.14	-2398.14	-2394.28	4.28	-96.30
		1479	37.68	10.76	-0.30	10.70	-0.24	-0.79	65.75	-2442.81	-2434.24	57.18	-146.32
		1465	32.70	10.47	-0.61	10.31	-0.45	-1.31	81.30	-2103.50	-2098.17	75.97	-107.72
1316	36	1650	23.74	14.28	0.18	14.28	0.18	5.91e-03	3.88	-1533.47	-1531.24	1.65	-58.52
		1662	27.63	15.01	0.17	15.01	0.17	-0.10	6.19	-1789.03	-1786.09	3.25	-72.58
		1479	28.11	8.06	-0.22	8.02	-0.18	-0.61	48.92	-1822.26	-1815.67	42.33	-110.82
		1465	24.39	7.84	-0.46	7.72	-0.34	-0.99	60.71	-1569.00	-1564.83	56.55	-82.31
1316	37	1650	20.94	13.41	0.18	13.41	0.18	4.47e-03	3.41	-1349.95	-1347.88	1.34	-52.81
		1662	24.35	14.18	0.17	14.18	0.17	-0.11	5.45	-1574.03	-1571.31	2.73	-65.47
		1479	24.78	7.75	-0.22	7.69	-0.16	-0.67	44.60	-1604.18	-1597.91	38.33	-101.43
		1465	21.52	7.51	-0.44	7.37	-0.31	-1.03	54.74	-1381.99	-1378.02	50.76	-75.48

1317	22	1662	37.01	19.94	0.21	19.94	0.21	0.07	7.35	-2397.90	-2394.44	3.90	-91.08
		1651	41.32	20.30	0.21	20.30	0.21	-0.10	9.52	-2682.60	-2678.35	5.26	-106.94
		1466	41.84	10.90	-0.15	10.90	-0.14	-0.27	55.50	-2724.71	-2712.82	43.61	-181.40
		1479	37.69	10.74	-0.29	10.71	-0.26	-0.58	66.25	-2443.48	-2434.63	57.39	-148.85
1317	36	1662	27.62	15.00	0.16	15.00	0.16	0.05	5.59	-1788.85	-1786.22	2.96	-68.64
		1651	30.83	15.28	0.16	15.28	0.16	-0.08	7.21	-2001.39	-1998.17	3.99	-80.37
		1466	31.21	8.18	-0.11	8.17	-0.11	-0.21	41.11	-2032.65	-2023.61	32.07	-136.64
		1479	28.12	8.05	-0.22	8.02	-0.19	-0.45	49.30	-1822.77	-1815.96	42.49	-112.72
1317	37	1662	24.35	14.17	0.16	14.17	0.16	0.05	4.93	-1573.86	-1571.42	2.48	-62.08
		1651	27.17	14.52	0.16	14.52	0.16	-0.08	6.37	-1760.14	-1757.14	3.38	-72.71
		1466	27.51	7.88	-0.11	7.87	-0.10	-0.30	37.95	-1788.70	-1780.11	29.36	-124.99
		1479	24.80	7.73	-0.21	7.70	-0.18	-0.51	44.93	-1604.63	-1598.16	38.47	-103.07
1318	22	1651	41.31	20.30	0.20	20.30	0.20	0.10	8.76	-2682.12	-2678.27	4.91	-101.67
		1663	44.68	20.23	0.21	20.23	0.21	-0.08	10.37	-2906.34	-2901.80	5.83	-115.01
		1480	45.12	10.90	-0.11	10.90	-0.11	0.17	49.35	-2946.39	-2931.35	34.31	-211.72
		1466	41.85	10.90	-0.16	10.90	-0.16	-0.06	56.07	-2725.28	-2713.07	43.86	-183.92
1318	36	1651	30.82	15.27	0.15	15.27	0.15	0.08	6.63	-2001.02	-1998.11	3.72	-76.40
		1663	33.34	15.23	0.16	15.23	0.16	-0.06	7.84	-2168.41	-2164.99	4.41	-86.22
		1480	33.66	8.18	-0.08	8.18	-0.08	0.12	36.40	-2198.08	-2186.73	25.05	-158.85
		1466	31.22	8.18	-0.12	8.18	-0.12	-0.05	41.55	-2033.09	-2023.79	32.26	-138.53
1318	37	1651	27.16	14.52	0.15	14.51	0.15	0.07	5.87	-1759.81	-1757.09	3.15	-69.29
		1663	29.37	14.55	0.16	14.55	0.16	-0.07	6.95	-1906.44	-1903.23	3.75	-78.23
		1480	29.66	7.92	-0.07	7.92	-0.07	0.02	34.01	-1933.75	-1922.95	23.21	-145.39
		1466	27.52	7.88	-0.11	7.88	-0.11	-0.14	38.34	-1789.08	-1780.27	29.52	-126.62
1319	22	1663	44.66	20.24	0.19	20.23	0.19	0.12	9.63	-2905.75	-2901.61	5.50	-109.73
		1652	47.09	19.81	0.20	19.81	0.20	-0.06	10.94	-3068.49	-3063.71	6.16	-121.22
		1467	47.50	10.74	-0.13	10.71	-0.10	0.57	46.36	-3107.18	-3089.00	28.19	-238.71
		1480	45.13	10.92	-0.14	10.91	-0.12	0.38	49.95	-2946.93	-2931.54	34.56	-214.25
1319	36	1663	33.33	15.24	0.15	15.23	0.15	0.09	7.28	-2167.96	-2164.85	4.16	-82.25
		1652	35.14	14.92	0.16	14.92	0.16	-0.05	8.25	-2289.46	-2285.88	4.66	-90.66
		1467	35.43	8.06	-0.10	8.04	-0.07	0.42	34.06	-2318.05	-2304.42	20.43	-178.54
		1480	33.67	8.19	-0.10	8.18	-0.09	0.28	36.86	-2198.49	-2186.87	25.23	-160.76
1319	37	1663	29.36	14.56	0.15	14.56	0.15	0.09	6.46	-1906.04	-1903.11	3.53	-74.81
		1652	30.95	14.33	0.15	14.33	0.15	-0.06	7.35	-2012.38	-2009.00	3.97	-82.53
		1467	31.22	7.83	-0.08	7.82	-0.07	0.32	32.16	-2038.91	-2025.91	19.16	-163.57
		1480	29.67	7.92	-0.09	7.92	-0.09	0.18	34.41	-1934.11	-1923.07	23.37	-147.03
1320	22	1652	47.08	19.82	0.19	19.81	0.19	0.14	10.21	-3067.85	-3063.48	5.84	-115.95
		1664	48.56	19.05	0.20	19.05	0.20	-0.05	11.37	-3168.83	-3163.81	6.35	-126.17
		1481	48.98	10.43	-0.19	10.34	-0.10	0.97	45.79	-3206.89	-3185.40	24.30	-263.49
		1467	47.52	10.78	-0.17	10.72	-0.11	0.79	46.98	-3107.73	-3089.17	28.42	-241.26
1320	36	1652	35.13	14.93	0.15	14.93	0.15	0.10	7.70	-2288.98	-2285.70	4.42	-86.69
		1664	36.24	14.36	0.16	14.36	0.16	-0.04	8.55	-2364.37	-2360.63	4.81	-94.15
		1481	36.54	7.83	-0.14	7.76	-0.07	0.72	33.53	-2392.43	-2376.39	17.50	-196.57
		1467	35.45	8.09	-0.13	8.04	-0.08	0.59	34.52	-2318.46	-2304.54	20.60	-180.47
1320	37	1652	30.94	14.34	0.14	14.34	0.14	0.10	6.86	-2011.95	-2008.85	3.76	-79.11
		1664	31.91	13.86	0.15	13.86	0.15	-0.04	7.65	-2077.83	-2074.28	4.10	-85.98
		1481	32.19	7.64	-0.12	7.59	-0.07	0.61	31.90	-2104.07	-2088.75	16.57	-180.29
		1467	31.23	7.85	-0.11	7.82	-0.08	0.48	32.57	-2039.28	-2026.02	19.31	-165.22
1321	22	1664	48.55	19.06	0.19	19.06	0.19	0.16	10.64	-3168.16	-3163.56	6.03	-120.90
		1653	49.09	17.95	0.20	17.95	0.20	-0.02	11.74	-3207.35	-3202.07	6.46	-130.29
		1468	49.54	9.98	-0.29	9.79	-0.11	1.37	47.11	-3245.53	-3220.35	21.92	-286.89
		1481	48.99	10.48	-0.25	10.35	-0.12	1.18	46.41	-3207.46	-3185.55	24.51	-266.07
1321	36	1664	36.23	14.36	0.14	14.36	0.15	0.12	8.00	-2363.87	-2360.44	4.57	-90.19
		1653	36.63	13.53	0.16	13.53	0.16	-0.02	8.81	-2393.15	-2389.23	4.89	-97.03
		1468	36.96	7.49	-0.22	7.35	-0.08	1.03	34.43	-2421.23	-2402.52	15.72	-213.55
		1481	36.55	7.87	-0.18	7.77	-0.09	0.89	34.00	-2392.86	-2376.51	17.66	-198.51
1321	37	1664	31.90	13.87	0.14	13.87	0.14	0.11	7.16	-2077.39	-2074.11	3.89	-82.57
		1653	32.25	13.14	0.16	13.14	0.16	-0.03	7.92	-2102.80	-2099.05	4.17	-88.89
		1468	32.56	7.34	-0.18	7.23	-0.07	0.90	32.90	-2129.26	-2111.34	14.97	-196.07
		1481	32.20	7.67	-0.16	7.60	-0.08	0.77	32.32	-2104.45	-2088.85	16.71	-181.96
1322	22	1653	49.07	17.96	0.19	17.95	0.19	0.18	11.01	-3206.67	-3201.80	6.14	-125.04
		1665	48.67	16.50	0.21	16.50	0.21	-2.86e-03	12.12	-3184.16	-3178.54	6.50	-133.91
		1482	49.20	9.40	-0.45	9.07	-0.11	1.78	50.07	-3223.28	-3193.76	20.55	-309.43
		1468	49.56	10.05	-0.37	9.80	-0.12	1.59	47.75	-3246.13	-3220.49	22.11	-289.48
1322	36	1653	36.62	13.54	0.14	13.54	0.15	0.13	8.26	-2392.64	-2389.03	4.65	-93.07
		1665	36.32	12.45	0.16	12.45	0.16	-4.15e-03	9.08	-2375.88	-2371.72	4.92	-99.52
		1482	36.70	7.06	-0.33	6.81	-0.08	1.34	36.55	-2404.58	-2382.74	14.70	-229.89
		1468	36.97	7.54	-0.28	7.36	-0.09	1.19	34.91	-2421.68	-2402.63	15.86	-215.50
1322	37	1653	32.24	13.15	0.14	13.15	0.15	0.13	7.43	-2102.34	-2098.87	3.96	-85.48
		1665	31.97	12.17	0.16	12.17	0.16	-0.01	8.20	-2087.36	-2083.36	4.20	-91.45
		1482	32.34	6.95	-0.28	6.75	-0.08	1.20	34.98	-2114.60	-2093.62	14.01	-211.28
		1468	32.57	7.39	-0.23	7.24	-0.08	1.06	33.33	-2129.66	-2111.43	15.10	-197.75
1323	22	1665	48.66	16.50	0.19	16.50	0.19	0.20	11.38	-3183.45	-3178.26	6.19	-128.66
		1654	47.31	14.68	0.21	14.68	0.21	0.02	12.56	-3099.46	-3093.40	6.50	-137.19
		1469	47.96	8.72	-0.67	8.17	-0.12	2.20	54.58	-3140.42	-3105.66	19.82	-331.44
		1482	49.22	9.49	-0.54	9.08	-0.13	2.00	50.74	-3223.91	-3193.90	20.73	-312.03
1323	36	1665	36.31	12.45	0.15	12.45	0.15	0.15	8.52	-2375.35	-2371.51	4.68	-95.57

		1654	35.31	11.08	0.16	11.08	0.16	0.01	9.38	-2312.70	-2308.24	4.91	-101.77
		1469	35.77	6.55	-0.50	6.14	-0.09	1.65	39.83	-2342.70	-2317.05	14.18	-245.85
		1482	36.72	7.13	-0.41	6.82	-0.10	1.50	37.05	-2405.05	-2382.84	14.84	-231.85
1323	37	1665	31.97	12.18	0.14	12.17	0.15	0.14	7.70	-2086.88	-2083.17	4.00	-88.04
		1654	31.08	10.93	0.16	10.93	0.16	6.00e-03	8.52	-2031.64	-2027.32	4.20	-93.77
		1469	31.52	6.48	-0.43	6.13	-0.08	1.50	38.10	-2060.28	-2035.62	13.44	-226.10
		1482	32.35	7.01	-0.35	6.75	-0.09	1.36	35.43	-2115.01	-2093.71	14.13	-212.97
1324	22	1654	47.30	14.69	0.19	14.68	0.19	0.22	11.80	-3098.70	-3093.09	6.19	-131.96
		1666	45.02	12.49	0.21	12.49	0.21	0.05	13.08	-2953.63	-2946.99	6.43	-140.23
		1483	45.82	7.96	-0.98	7.10	-0.13	2.63	60.72	-2997.53	-2956.22	19.41	-353.02
		1469	47.98	8.83	-0.79	8.18	-0.14	2.42	55.30	-3141.08	-3105.78	20.00	-334.06
1324	36	1654	35.30	11.09	0.14	11.09	0.15	0.17	8.81	-2312.13	-2308.00	4.68	-97.83
		1666	33.60	9.43	0.16	9.43	0.16	0.03	9.75	-2203.91	-2199.03	4.86	-103.84
		1483	34.18	5.98	-0.74	5.33	-0.09	1.98	44.33	-2235.99	-2205.60	13.94	-261.51
		1469	35.79	6.63	-0.59	6.14	-0.10	1.82	40.37	-2343.19	-2317.14	14.32	-247.82
1324	37	1654	31.07	10.94	0.14	10.94	0.15	0.16	8.01	-2031.13	-2027.12	4.00	-90.37
		1666	29.57	9.42	0.16	9.42	0.16	0.03	8.90	-1935.92	-1931.18	4.16	-95.90
		1483	30.12	5.94	-0.63	5.39	-0.09	1.82	42.28	-1966.69	-1937.45	13.04	-240.59
		1469	31.54	6.56	-0.51	6.14	-0.09	1.67	38.58	-2060.72	-2035.70	13.56	-227.80
1325	8	1666	44.80	13.62	0.19	13.62	0.19	0.25	12.98	-2935.06	-2927.56	5.48	-148.51
		1655	41.62	11.00	0.20	11.00	0.21	0.08	14.75	-2730.96	-2721.88	5.67	-157.66
		1470	42.88	8.02	-1.32	6.84	-0.13	3.11	82.30	-2789.74	-2730.38	22.94	-408.62
		1483	45.87	9.01	-1.07	8.10	-0.16	2.89	74.26	-2989.75	-2940.26	24.76	-386.26
1325	32	1666	33.45	10.19	0.15	10.19	0.15	0.19	9.60	-2191.44	-2186.04	4.20	-108.92
		1655	31.07	8.22	0.16	8.22	0.16	0.06	10.87	-2039.06	-2032.53	4.34	-115.51
		1470	31.97	5.95	-0.99	5.05	-0.09	2.33	59.21	-2081.23	-2038.37	16.35	-299.83
		1483	34.21	6.69	-0.81	6.00	-0.11	2.17	53.37	-2230.81	-2194.96	17.52	-283.89
1325	37	1666	29.56	9.42	0.14	9.42	0.15	0.18	8.38	-1935.36	-1930.94	3.97	-92.51
		1655	27.46	7.63	0.15	7.63	0.15	0.05	9.37	-1800.77	-1795.48	4.08	-97.77
		1470	28.15	5.37	-0.90	4.54	-0.08	2.12	47.63	-1834.52	-1799.44	12.54	-254.58
		1483	30.14	6.04	-0.74	5.40	-0.10	1.98	42.82	-1967.15	-1937.50	13.17	-242.30
1326	8	1655	41.60	11.00	0.18	10.99	0.19	0.28	13.95	-2729.96	-2721.42	5.40	-152.87
		1667	37.54	7.99	0.19	7.99	0.19	0.11	15.96	-2468.35	-2457.88	5.49	-160.95
		1484	39.08	7.13	-1.76	5.43	-0.06	3.50	92.83	-2534.21	-2461.37	20.00	-431.32
		1470	42.90	8.18	-1.48	6.84	-0.14	3.33	83.23	-2790.43	-2730.35	23.16	-411.13
1326	32	1655	31.06	8.22	0.14	8.22	0.15	0.21	10.26	-2038.31	-2032.18	4.13	-111.87
		1667	28.03	5.96	0.15	5.96	0.15	0.08	11.69	-1842.92	-1835.41	4.18	-117.73
		1484	29.12	5.29	-1.33	4.00	-0.04	2.62	66.94	-1890.11	-1837.62	14.45	-316.17
		1470	31.99	6.07	-1.12	5.06	-0.11	2.50	59.90	-2081.75	-2038.36	16.51	-301.73
1326	37	1655	27.45	7.63	0.14	7.62	0.14	0.20	8.83	-1800.10	-1795.16	3.89	-94.41
		1667	24.76	5.56	0.15	5.56	0.15	0.07	9.93	-1627.41	-1621.39	3.91	-99.15
		1484	25.62	4.77	-1.22	3.58	-0.03	2.39	54.21	-1665.05	-1622.35	11.51	-267.55
		1470	28.16	5.49	-1.03	4.55	-0.09	2.29	48.24	-1834.99	-1799.43	12.68	-256.33
1327	8	1667	37.51	7.98	0.17	7.97	0.18	0.32	15.11	-2467.07	-2457.20	5.23	-156.24
		1656	32.64	4.70	0.16	4.69	0.17	0.13	17.35	-2152.09	-2139.88	5.14	-162.31
		1471	34.49	6.17	-2.16	3.89	0.12	3.72	104.66	-2226.15	-2135.90	14.42	-449.67
		1484	39.10	7.31	-1.96	5.44	-0.08	3.72	93.95	-2534.86	-2461.18	20.26	-433.91
1327	32	1667	28.01	5.96	0.13	5.95	0.14	0.24	11.05	-1841.96	-1834.90	3.99	-114.14
		1656	24.37	3.49	0.12	3.49	0.13	0.09	12.63	-1606.62	-1597.89	3.90	-118.60
		1471	25.70	4.57	-1.64	2.84	0.09	2.78	75.72	-1659.66	-1594.67	10.74	-329.47
		1484	29.14	5.43	-1.48	4.00	-0.06	2.80	67.77	-1890.60	-1837.48	14.65	-318.14
1327	37	1667	24.74	5.56	0.13	5.55	0.14	0.23	9.37	-1626.56	-1620.93	3.73	-95.83
		1656	21.52	3.31	0.12	3.31	0.13	0.08	10.57	-1418.40	-1411.43	3.60	-99.54
		1471	22.58	4.12	-1.51	2.52	0.10	2.54	61.88	-1460.62	-1407.94	9.20	-278.26
		1484	25.64	4.91	-1.37	3.58	-0.05	2.56	54.94	-1665.50	-1622.24	11.68	-269.35
1328	8	1656	32.61	4.68	0.13	4.66	0.15	0.33	16.45	-2150.32	-2138.78	4.91	-157.70
		1668	27.06	1.41	0.10	1.40	0.11	0.10	18.85	-1790.11	-1775.82	4.56	-160.11
		1485	29.22	5.02	-2.28	2.24	0.50	3.54	116.58	-1872.24	-1759.82	4.15	-459.30
		1471	34.52	6.38	-2.38	3.90	0.10	3.95	106.03	-2226.67	-2135.35	14.71	-452.43
1328	32	1656	24.34	3.48	0.10	3.46	0.11	0.25	11.96	-1605.30	-1597.07	3.73	-115.10
		1668	20.19	1.03	0.08	1.03	0.08	0.07	13.64	-1336.05	-1325.84	3.43	-116.95
		1485	21.74	3.72	-1.73	1.61	0.39	2.65	84.71	-1394.85	-1313.86	3.72	-336.55
		1471	25.72	4.73	-1.80	2.85	0.08	2.96	76.74	-1660.05	-1594.26	10.95	-331.56
1328	37	1656	21.50	3.30	0.10	3.28	0.11	0.24	9.98	-1417.22	-1410.69	3.45	-96.30
		1668	17.82	1.05	0.08	1.05	0.09	0.06	11.23	-1178.83	-1170.70	3.10	-98.00
		1485	19.07	3.35	-1.60	1.39	0.36	2.42	70.03	-1225.56	-1159.94	4.41	-284.11
		1471	22.59	4.28	-1.67	2.53	0.08	2.71	62.78	-1460.97	-1407.59	9.39	-280.17
1329	8	1668	27.02	1.41	0.02	1.34	0.09	0.31	17.93	-1787.58	-1774.06	4.41	-155.66
		1657	21.17	9.28e-03	-1.31	-1.31	9.16e-03	-0.01	20.26	-1397.06	-1380.57	3.76	-152.01
		1472	23.39	3.52	-1.86	0.56	1.10	2.67	125.97	-1484.40	-1345.31	-13.13	-452.38
		1485	29.24	5.24	-2.50	2.24	0.50	3.77	118.20	-1872.42	-1458.56	4.34	-462.27
1329	32	1668	20.16	1.04	0.01	0.98	0.07	0.23	12.96	-1334.16	-1324.52	3.31	-113.56
		1657	15.79	9.01e-03	-1.00	-1.00	8.86e-03	-0.01	14.57	-1042.14	-1030.34	2.76	-111.06
		1472	17.38	2.60	-1.42	0.35	0.83	1.99	92.02	-1104.58	-1004.24	-8.33	-331.67
		1485	21.76	3.88	-1.90	1.61	0.38	2.83	85.92	-1394.98	-1312.93	3.86	-338.79
1329	37	1668	17.79	1.06	0.02	1.01	0.07	0.22	10.62	-1177.15	-1169.52	2.99	-94.86
		1657	13.90	0.02	-0.80	-0.80	0.02	-0.02	11.78	-918.31	-908.90	2.37	-93.07

		1472	15.20	2.34	-1.33	0.24	0.77	1.81	77.16	-967.77	-886.23	-4.38	-280.28
		1485	19.09	3.52	-1.77	1.39	0.36	2.59	71.10	-1225.69	-1159.13	4.54	-286.16
1330	8	1657	21.12	0.03	-1.39	-1.36	3.13e-03	0.20	19.51	-1393.65	-1378.05	3.91	-147.63
		1669	15.24	-0.07	-2.66	-2.65	-0.09	-0.20	21.09	-996.77	-978.37	2.69	-135.61
		1486	17.31	1.91	-1.21	-0.90	1.60	0.94	128.97	-1083.25	-916.32	-37.96	-417.72
1330	32	1472	23.40	3.69	-2.06	0.52	1.11	2.86	127.49	-1484.04	-1342.97	-13.59	-455.46
		1657	15.75	0.03	-1.06	-1.04	3.95e-03	0.15	14.01	-1039.57	-1028.44	2.88	-107.73
		1669	11.35	-0.05	-2.00	-1.99	-0.06	-0.15	15.07	-742.71	-729.51	1.87	-99.15
		1486	12.85	1.42	-0.95	-0.74	1.21	0.68	94.86	-804.34	-683.63	-25.85	-306.55
1330	37	1472	17.40	2.73	-1.57	0.32	0.84	2.13	93.16	-1104.32	-1002.49	-8.66	-334.01
		1657	13.86	0.04	-0.86	-0.83	0.01	0.15	11.29	-916.00	-907.18	2.47	-89.98
		1669	9.97	-0.04	-1.72	-1.71	-0.05	-0.14	11.95	-652.72	-642.13	1.36	-83.22
		1486	11.19	1.29	-0.93	-0.74	1.11	0.62	80.95	-701.06	-602.48	-17.64	-259.57
		1472	15.21	2.47	-1.48	0.22	0.78	1.96	78.18	-967.54	-884.70	-4.66	-282.42
1331	8	1669	15.17	-0.08	-2.60	-2.60	-0.08	0.03	21.45	-992.45	-975.31	4.31	-130.71
		1658	9.56	-6.24e-03	-2.21	-2.16	-0.06	-0.33	20.09	-619.40	-599.80	0.48	-110.24
		1473	11.71	1.64	-1.95	-1.57	1.26	-1.11	123.82	-701.69	-512.23	-65.64	-347.14
		1486	17.32	1.95	-1.36	-1.01	1.60	1.02	129.25	-1083.89	-913.96	-40.69	-421.05
1331	32	1669	11.30	-0.06	-1.95	-1.95	-0.06	0.02	15.35	-739.44	-727.18	3.09	-95.43
		1658	7.10	3.07e-05	-1.64	-1.61	-0.04	-0.25	14.24	-460.59	-446.44	0.09	-80.73
		1473	8.66	1.23	-1.52	-1.23	0.94	-0.86	91.88	-518.86	-381.53	-45.45	-254.98
		1486	12.86	1.45	-1.07	-0.82	1.21	0.74	95.07	-804.84	-681.87	-27.90	-309.10
1331	37	1669	9.92	-0.05	-1.67	-1.67	-0.05	0.03	12.22	-649.72	-639.96	2.47	-79.77
		1658	6.20	0.01	-1.42	-1.38	-0.02	-0.22	11.02	-402.77	-391.28	-0.48	-67.99
		1473	7.49	1.11	-1.43	-1.17	0.85	-0.78	80.13	-447.62	-334.87	-32.63	-216.32
		1486	11.20	1.33	-1.04	-0.82	1.11	0.69	81.13	-701.54	-600.93	-19.47	-261.96
1332	8	1658	9.43	-0.04	-1.97	-1.97	-0.04	-0.09	22.57	-610.98	-593.93	5.53	-102.52
		1670	4.45	0.23	-0.63	-0.58	0.17	-0.21	16.95	-285.57	-265.10	-3.52	-75.98
		1487	7.07	1.27	-2.63	-1.10	-0.26	-1.90	119.06	-388.49	-175.56	-93.86	-250.47
		1473	11.92	1.50	-2.04	-1.67	1.13	-1.09	123.09	-716.32	-519.07	-74.16	-355.90
1332	32	1658	7.01	-0.03	-1.47	-1.46	-0.03	-0.07	16.10	-454.19	-441.95	3.86	-74.87
		1670	3.30	0.18	-0.46	-0.42	0.14	-0.15	11.98	-211.67	-196.75	-2.94	-55.81
		1487	5.20	0.95	-2.00	-0.85	-0.21	-1.44	89.05	-284.72	-130.08	-65.59	-184.08
		1473	8.82	1.13	-1.58	-1.30	0.84	-0.83	91.34	-529.87	-386.69	-51.83	-261.62
1332	37	1658	6.11	-0.02	-1.26	-1.26	-0.02	-0.05	12.66	-396.89	-387.07	2.85	-62.62
		1670	2.85	0.17	-0.38	-0.34	0.14	-0.13	9.19	-183.66	-171.23	-3.25	-47.37
		1487	4.44	0.84	-1.83	-0.80	-0.19	-1.30	79.09	-240.18	-112.69	-48.40	-156.36
		1473	7.63	1.01	-1.47	-1.22	0.77	-0.74	79.66	-457.55	-339.56	-38.33	-222.40
1333	8	1670	3.84	0.13	-0.59	-0.58	0.12	0.10	11.71	-248.46	-228.84	-7.92	-68.71
		1647	0.28	0.56	0.31	0.31	0.55	0.03	13.94	-6.53	12.34	-4.93	-5.49
		1462	3.16	-0.29	-1.23	-0.37	-1.16	-0.26	72.15	-162.00	40.30	-130.15	-80.27
		1487	8.52	1.17	-2.51	-0.66	-0.69	-1.84	149.86	-467.08	-204.55	-112.67	-305.03
1333	32	1670	2.84	0.11	-0.44	-0.43	0.10	0.08	7.96	-183.98	-169.73	-6.30	-50.33
		1647	0.21	0.42	0.23	0.24	0.42	0.02	10.47	-5.16	9.29	-3.98	-4.13
		1462	2.29	-0.23	-0.91	-0.29	-0.85	-0.19	54.06	-116.10	30.06	-92.10	-59.22
		1487	6.28	0.87	-1.89	-0.50	-0.53	-1.38	111.86	-342.99	-151.85	-79.28	-224.51
1333	37	1670	2.45	0.12	-0.39	-0.37	0.10	0.09	5.39	-159.25	-147.48	-6.37	-42.40
		1647	0.20	0.39	0.22	0.22	0.39	0.01	9.38	-5.17	8.36	-4.15	-3.71
		1462	1.88	-0.22	-0.77	-0.28	-0.71	-0.17	48.21	-92.26	26.49	-70.54	-50.78
		1487	5.37	0.76	-1.68	-0.44	-0.48	-1.22	98.85	-290.78	-132.21	-59.72	-191.42
1334	8	1684	0.40	0.13	-0.33	-0.06	-0.14	0.23	27.68	4.17	26.56	5.28	-4.99
		1723	3.87	0.14	-0.15	0.01	-0.02	0.15	17.43	-248.43	-227.09	-3.91	72.24
		1724	10.11	2.96	-0.47	0.77	1.72	-1.65	170.40	-561.61	-203.06	-188.15	365.93
		1696	3.65	0.42	-0.14	-0.09	0.37	0.17	68.17	-201.23	37.61	-170.67	85.44
1334	32	1684	0.29	0.10	-0.25	-0.04	-0.10	0.17	20.64	3.10	19.85	3.90	-3.65
		1723	2.88	0.11	-0.11	0.01	-0.01	0.11	12.97	-185.13	-169.24	-2.92	53.81
		1724	7.53	2.21	-0.35	0.57	1.28	-1.23	127.37	-418.11	-151.24	-139.51	272.68
		1696	2.71	0.32	-0.11	-0.06	0.28	0.13	50.92	-149.30	28.08	-126.46	63.66
1334	37	1684	0.26	0.10	-0.22	-0.04	-0.08	0.16	18.19	2.70	17.57	3.33	-3.05
		1723	2.53	0.09	-0.08	8.20e-03	2.97e-03	0.09	11.33	-162.68	-148.75	-2.59	47.22
		1724	6.61	1.97	-0.32	0.51	1.15	-1.10	112.83	-366.50	-132.73	-120.94	239.59
		1696	2.36	0.30	-0.09	-0.05	0.26	0.12	45.03	-129.67	24.79	-109.43	55.92
1335	8	1723	4.29	0.24	-0.33	-0.01	-0.08	0.28	25.47	-271.95	-250.21	3.73	77.41
		1685	9.63	1.60	-0.02	1.58	-5.39e-03	-0.15	28.15	-622.11	-599.08	5.12	120.19
		1725	13.68	5.53	-1.64	2.59	1.31	-3.53	139.42	-813.60	-579.35	-94.83	410.33
		1724	9.04	2.81	-0.33	0.93	1.54	-1.54	132.53	-515.92	-226.98	-156.41	322.30
1335	32	1723	3.20	0.18	-0.25	-9.76e-03	-0.06	0.21	18.97	-202.68	-186.46	2.75	57.72
		1685	7.18	1.19	-0.01	1.18	1.84e-05	-0.12	20.97	-463.71	-446.55	3.81	89.56
		1725	10.19	4.12	-1.22	1.93	0.98	-2.63	104.31	-606.09	-431.66	-70.12	305.76
		1724	6.74	2.09	-0.24	0.69	1.15	-1.14	99.13	-384.03	-169.05	-115.86	240.11
1335	37	1723	2.81	0.18	-0.22	-4.16e-03	-0.04	0.20	16.64	-178.18	-163.87	2.34	50.81
		1685	6.31	1.06	2.69e-03	1.04	0.01	-0.11	18.39	-407.77	-392.71	3.33	78.67
		1725	8.96	3.67	-1.08	1.71	0.88	-2.34	92.63	-532.15	-379.22	-60.30	268.63
		1724	5.91	1.85	-0.20	0.62	1.03	-1.00	87.97	-336.49	-148.36	-100.15	210.86
1336	8	1685	9.66	1.71	-0.02	1.71	-0.02	0.05	29.00	-623.50	-598.95	4.46	124.14
		1722	15.18	4.93	0.06	4.91	0.07	-0.30	27.03	-982.18	-959.37	4.22	149.99
		1726	18.94	7.76	-2.45	4.62	0.69	-4.71	147.26	-1153.92	-956.19	-50.47	467.10

		1725	13.60	5.38	-1.49	2.66	1.23	-3.36	135.80	-811.25	-580.94	-94.51	406.29
1336	32	1685	7.20	1.27	-0.01	1.27	-8.99e-03	0.04	21.62	-464.76	-446.45	3.31	92.57
		1722	11.32	3.67	0.05	3.65	0.06	-0.22	20.16	-732.24	-715.24	3.16	111.82
		1726	14.12	5.78	-1.82	3.44	0.52	-3.51	110.08	-860.00	-712.64	-37.28	348.19
		1725	10.14	4.00	-1.10	1.98	0.91	-2.50	101.59	-604.32	-432.85	-69.87	302.71
1336	37	1685	6.33	1.14	2.17e-03	1.13	4.09e-03	0.05	18.99	-408.73	-392.60	2.87	81.46
		1722	9.96	3.25	0.05	3.24	0.07	-0.20	17.75	-644.25	-629.30	2.81	98.34
		1726	12.42	5.13	-1.61	3.05	0.47	-3.12	97.52	-755.99	-626.52	-31.95	306.17
		1725	8.91	3.55	-0.96	1.77	0.82	-2.21	90.18	-530.54	-380.27	-60.08	265.88
1337	8	1722	15.21	5.05	0.06	5.05	0.07	-0.09	27.61	-983.45	-959.36	3.53	154.19
		1686	20.85	9.10	0.13	9.09	0.15	-0.34	24.56	-1347.44	-1326.37	3.49	168.73
		1727	24.39	9.61	-2.59	6.81	0.21	-5.13	151.31	-1509.79	-1341.14	-17.34	501.69
		1726	18.91	7.61	-2.27	4.69	0.65	-4.51	145.43	-1153.37	-957.53	-50.41	464.76
1337	32	1722	11.34	3.76	0.05	3.76	0.05	-0.07	20.61	-733.20	-715.23	2.63	115.01
		1686	15.54	6.77	0.10	6.76	0.11	-0.25	18.37	-1004.75	-989.02	2.64	125.88
		1727	18.18	7.15	-1.92	5.07	0.16	-3.81	112.97	-1125.59	-999.76	-12.86	374.18
		1726	14.09	5.66	-1.68	3.49	0.49	-3.35	108.69	-859.58	-713.65	-37.23	346.41
1337	37	1722	9.98	3.34	0.06	3.34	0.06	-0.05	18.17	-645.13	-629.28	2.32	101.30
		1686	13.68	6.00	0.11	6.00	0.11	-0.23	16.28	-884.44	-870.56	2.41	110.91
		1727	16.00	6.35	-1.70	4.50	0.15	-3.38	99.76	-990.29	-879.42	-11.11	329.49
		1726	12.40	5.02	-1.47	3.11	0.44	-2.96	96.25	-755.58	-627.43	-31.90	304.53
1338	8	1686	20.87	9.21	0.13	9.21	0.13	-0.14	24.98	-1348.93	-1326.79	2.84	173.03
		1721	26.43	13.41	0.18	13.41	0.19	-0.32	21.84	-1707.19	-1688.56	3.21	178.53
		1728	29.68	11.25	-2.28	9.04	-0.07	-5.00	149.06	-1859.58	-1718.53	8.02	513.24
		1727	24.37	9.48	-2.41	6.89	0.19	-4.91	149.91	-1509.82	-1342.86	-17.05	499.23
1338	32	1686	15.56	6.85	0.10	6.85	0.10	-0.10	18.69	-1005.87	-989.33	2.15	129.15
		1721	19.71	9.97	0.14	9.97	0.15	-0.24	16.39	-1273.18	-1259.24	2.46	133.33
		1728	22.13	8.36	-1.69	6.72	-0.05	-3.71	111.15	-1386.66	-1281.25	5.74	383.11
		1727	18.17	7.05	-1.78	5.12	0.14	-3.65	111.91	-1125.60	-1001.05	-12.64	372.32
1338	37	1686	13.70	6.08	0.10	6.08	0.10	-0.08	16.58	-885.46	-870.83	1.96	113.94
		1721	17.36	8.84	0.14	8.84	0.15	-0.22	14.67	-1121.11	-1108.76	2.32	117.79
		1728	19.48	7.42	-1.49	5.96	-0.04	-3.29	97.81	-1220.64	-1127.36	4.53	338.06
		1727	15.99	6.25	-1.56	4.56	0.14	-3.22	98.78	-990.27	-880.57	-10.91	327.76
1339	8	1721	26.46	13.51	0.18	13.51	0.18	-0.12	22.12	-1708.60	-1689.04	2.56	182.93
		1687	31.71	17.45	0.21	17.44	0.21	-0.28	19.26	-2046.77	-2030.76	3.25	181.15
		1729	34.59	12.79	-1.80	11.18	-0.20	-4.57	141.82	-2186.53	-2070.96	26.25	505.69
		1728	29.66	11.15	-2.12	9.11	-0.09	-4.78	147.87	-1859.70	-1720.12	8.29	510.62
1339	32	1721	19.73	10.04	0.13	10.04	0.14	-0.09	16.61	-1274.24	-1259.60	1.97	136.67
		1687	23.65	12.97	0.16	12.96	0.16	-0.21	14.52	-1526.54	-1514.54	2.52	135.49
		1729	25.79	9.50	-1.34	8.31	-0.14	-3.39	105.61	-1630.67	-1544.09	19.02	377.94
		1728	22.12	8.29	-1.57	6.78	-0.06	-3.55	110.24	-1386.74	-1282.44	5.94	381.13
1339	37	1721	17.38	8.91	0.13	8.91	0.13	-0.07	14.87	-1122.07	-1109.07	1.87	120.89
		1687	20.83	11.48	0.16	11.48	0.16	-0.19	13.15	-1344.48	-1333.76	2.43	120.16
		1729	22.71	8.41	-1.17	7.37	-0.12	-2.99	92.60	-1435.90	-1358.78	15.48	334.57
		1728	19.47	7.34	-1.37	6.02	-0.05	-3.12	96.97	-1220.69	-1128.43	4.71	336.24
1340	8	1687	31.73	17.52	0.20	17.52	0.20	-0.09	19.41	-2047.90	-2031.09	2.60	185.63
		1720	36.46	21.01	0.22	21.01	0.22	-0.24	16.95	-2352.60	-2339.09	3.44	178.37
		1730	38.93	14.28	-1.34	13.17	-0.22	-4.02	131.61	-2477.63	-2384.42	38.40	484.26
		1729	34.57	12.72	-1.68	11.25	-0.21	-4.36	140.80	-2186.56	-2072.23	26.47	503.01
1340	32	1687	23.66	13.03	0.15	13.03	0.15	-0.06	14.64	-1527.39	-1514.78	2.03	138.89
		1720	27.19	15.61	0.17	15.61	0.17	-0.18	12.85	-1754.69	-1744.52	2.68	133.68
		1730	29.03	10.61	-0.99	9.78	-0.16	-2.98	97.87	-1847.89	-1777.80	27.78	362.58
		1729	25.78	9.45	-1.24	8.37	-0.16	-3.23	104.84	-1630.69	-1545.04	19.19	375.91
1340	37	1687	20.85	11.54	0.15	11.54	0.15	-0.04	13.26	-1345.24	-1333.96	1.98	123.31
		1720	23.95	13.81	0.16	13.80	0.16	-0.16	11.80	-1545.52	-1536.34	2.63	119.18
		1730	25.56	9.37	-0.86	8.65	-0.14	-2.62	85.51	-1627.44	-1564.41	22.48	322.47
		1729	22.70	8.36	-1.07	7.42	-0.13	-2.83	91.88	-1435.89	-1359.63	15.63	332.70
1341	8	1720	36.47	21.08	0.20	21.08	0.20	-0.04	17.00	-2353.40	-2339.20	2.79	182.93
		1688	40.51	24.06	0.22	24.06	0.22	-0.20	14.95	-2614.03	-2602.75	3.67	171.83
		1731	42.59	15.71	-0.96	14.95	-0.20	-3.47	120.26	-2723.46	-2649.13	45.93	453.71
		1730	38.92	14.24	-1.24	13.23	-0.24	-3.81	130.78	-2477.56	-2385.38	38.60	481.60
1341	32	1720	27.20	15.66	0.15	15.66	0.15	-0.03	12.89	-1755.30	-1744.59	2.19	137.15
		1688	30.22	17.86	0.17	17.86	0.17	-0.15	11.41	-1949.67	-1941.13	2.87	129.13
		1731	31.76	11.66	-0.70	11.10	-0.15	-2.56	89.32	-2031.28	-1975.09	33.14	340.57
		1730	29.02	10.57	-0.92	9.83	-0.18	-2.82	97.24	-1847.83	-1778.51	27.93	360.57
1341	37	1720	23.96	13.86	0.15	13.86	0.15	-0.01	11.85	-1546.06	-1536.39	2.17	122.39
		1688	26.62	15.78	0.16	15.78	0.16	-0.14	10.65	-1717.20	-1709.39	2.84	115.93
		1731	27.97	10.29	-0.61	9.81	-0.12	-2.24	77.77	-1789.04	-1737.85	26.58	304.86
		1730	25.56	9.34	-0.79	8.70	-0.15	-2.46	84.92	-1627.36	-1565.05	22.62	320.62
1342	8	1688	40.52	24.12	0.20	24.12	0.20	-3.17e-03	14.91	-2614.54	-2602.64	3.02	176.47
		1719	43.77	26.63	0.21	26.63	0.21	-0.17	13.24	-2823.60	-2814.22	3.86	162.86
		1732	45.47	17.04	-0.67	16.53	-0.16	-2.96	109.11	-2917.55	-2858.79	50.36	417.58
		1731	42.58	15.69	-0.89	15.02	-0.22	-3.26	119.62	-2723.32	-2649.84	46.14	451.12
1342	32	1688	30.22	17.91	0.15	17.91	0.15	1.76e-03	11.39	-1950.05	-1941.04	2.37	132.66
		1719	32.65	19.76	0.16	19.76	0.16	-0.13	10.18	-2105.91	-2098.76	3.03	122.82
		1732	33.91	12.64	-0.49	12.26	-0.12	-2.18	80.95	-2176.01	-2131.30	36.23	314.52
		1731	31.75	11.64	-0.65	11.15	-0.16	-2.41	88.83	-2031.16	-1975.63	33.29	338.60

1342	37	1688	26.63	15.83	0.15	15.83	0.15	0.01	10.64	-1717.55	-1709.29	2.38	119.19
		1719	28.76	17.43	0.16	17.43	0.16	-0.12	9.67	-1854.65	-1847.99	3.00	111.26
		1732	29.86	11.13	-0.41	10.81	-0.10	-1.89	70.29	-1916.48	-1875.02	28.82	284.00
		1731	27.96	10.27	-0.55	9.86	-0.14	-2.08	77.32	-1788.92	-1738.33	26.73	303.06
1343	8	1719	43.78	26.69	0.19	26.69	0.19	0.03	13.14	-2823.88	-2813.95	3.21	167.55
		1689	46.16	28.78	0.21	28.78	0.21	-0.14	11.79	-2976.46	-2968.67	4.00	152.37
		1733	47.52	18.24	-0.46	17.90	-0.12	-2.50	98.95	-3055.61	-3009.61	52.95	378.16
		1732	45.46	17.03	-0.62	16.59	-0.18	-2.75	108.63	-2917.38	-2859.34	50.60	415.03
1343	32	1719	32.65	19.81	0.15	19.81	0.15	0.03	10.11	-2106.12	-2098.55	2.53	126.38
		1689	34.43	21.34	0.16	21.34	0.16	-0.11	9.13	-2219.80	-2213.81	3.13	115.42
		1733	35.43	13.52	-0.34	13.27	-0.09	-1.84	73.35	-2278.92	-2243.59	38.02	286.11
		1732	33.90	12.64	-0.45	12.32	-0.13	-2.02	80.58	-2175.88	-2131.71	36.41	312.58
1343	37	1719	28.76	17.48	0.14	17.48	0.14	0.04	9.61	-1854.84	-1847.78	2.55	114.55
		1689	30.32	18.79	0.15	18.79	0.15	-0.10	8.83	-1954.70	-1948.99	3.12	105.73
		1733	31.19	11.89	-0.28	11.68	-0.07	-1.58	63.57	-2006.98	-1973.46	30.05	261.30
		1732	29.85	11.13	-0.38	10.87	-0.11	-1.73	69.94	-1916.33	-1875.39	28.99	282.23
1344	8	1689	46.17	28.84	0.19	28.84	0.19	0.05	11.63	-2976.56	-2968.28	3.34	157.11
		1718	47.64	30.56	0.20	30.56	0.20	-0.13	10.52	-3069.67	-3063.20	4.05	141.00
		1734	48.69	19.29	-0.32	19.07	-0.09	-2.09	90.17	-3134.96	-3099.37	54.59	336.89
		1733	47.51	18.25	-0.43	17.96	-0.14	-2.30	98.61	-3055.44	-3010.05	53.21	375.67
1344	32	1689	34.43	21.39	0.14	21.39	0.14	0.04	9.01	-2219.88	-2213.51	2.64	119.02
		1718	35.53	22.65	0.15	22.65	0.15	-0.10	8.21	-2289.17	-2284.14	3.18	107.39
		1734	36.30	14.29	-0.23	14.13	-0.06	-1.53	66.81	-2337.99	-2310.33	39.16	256.39
		1733	35.43	13.53	-0.31	13.32	-0.10	-1.68	73.08	-2278.78	-2243.92	38.22	284.22
1344	37	1689	30.32	18.84	0.14	18.84	0.14	0.05	8.74	-1954.78	-1948.70	2.66	109.04
		1718	31.28	19.90	0.15	19.90	0.15	-0.09	8.09	-2015.47	-2010.55	3.17	99.70
		1734	31.96	12.54	-0.18	12.41	-0.05	-1.30	57.87	-2058.79	-2031.78	30.86	237.59
		1733	31.19	11.90	-0.25	11.73	-0.08	-1.42	63.31	-2006.83	-1973.76	30.24	259.57
1345	8	1718	47.64	30.63	0.18	30.63	0.18	0.07	10.31	-3069.64	-3062.72	3.40	145.75
		1690	48.19	32.04	0.20	32.04	0.20	-0.12	9.40	-3101.57	-3096.20	4.03	129.08
		1735	48.96	20.19	-0.21	20.04	-0.07	-1.73	82.89	-3154.02	-3127.00	55.87	294.52
		1734	48.68	19.32	-0.29	19.13	-0.11	-1.89	89.94	-3134.80	-3099.74	54.88	334.40
1345	32	1718	35.53	22.70	0.14	22.70	0.14	0.06	8.06	-2289.15	-2283.78	2.69	111.00
		1690	35.93	23.73	0.15	23.73	0.15	-0.09	7.39	-2312.78	-2308.55	3.17	98.96
		1735	36.50	14.95	-0.15	14.84	-0.05	-1.26	61.42	-2352.06	-2330.73	40.09	225.88
		1734	36.30	14.31	-0.21	14.18	-0.08	-1.38	66.62	-2337.86	-2310.61	39.38	254.50
1345	37	1718	31.28	19.95	0.14	19.95	0.14	0.06	7.97	-2015.46	-2010.21	2.71	103.03
		1690	31.63	20.80	0.15	20.80	0.15	-0.08	7.43	-2035.89	-2031.62	3.16	93.36
		1735	32.13	13.09	-0.12	13.01	-0.03	-1.05	53.27	-2070.92	-2049.29	31.64	213.25
		1734	31.95	12.56	-0.17	12.46	-0.06	-1.14	57.68	-2058.66	-2032.03	31.06	235.86
1346	8	1690	48.19	32.10	0.18	32.10	0.18	0.08	9.16	-3101.43	-3095.66	3.38	133.85
		1717	47.79	33.23	0.20	33.23	0.20	-0.11	8.37	-3071.55	-3067.11	3.93	116.82
		1736	48.32	20.92	-0.14	20.83	-0.05	-1.39	77.07	-3112.09	-3092.12	57.10	251.56
		1735	48.96	20.22	-0.20	20.11	-0.08	-1.53	82.75	-3153.87	-3127.30	56.17	292.07
1346	32	1690	35.93	23.78	0.14	23.78	0.14	0.07	7.22	-2312.69	-2308.14	2.67	102.59
		1717	35.63	24.59	0.15	24.59	0.15	-0.08	6.64	-2290.19	-2286.64	3.09	90.28
		1736	36.02	15.48	-0.10	15.41	-0.03	-1.01	57.15	-2320.59	-2304.51	41.06	194.92
		1735	36.50	14.97	-0.14	14.89	-0.06	-1.10	61.30	-2351.94	-2330.96	40.33	224.02
1346	37	1690	31.63	20.85	0.14	20.85	0.14	0.07	7.29	-2035.82	-2031.23	2.70	96.70
		1717	31.35	21.50	0.15	21.50	0.15	-0.07	6.81	-2015.58	-2011.84	3.08	86.79
		1736	31.70	13.52	-0.07	13.47	-0.02	-0.81	49.72	-2042.88	-2025.76	32.59	188.51
		1735	32.13	13.12	-0.11	13.06	-0.05	-0.89	53.13	-2070.79	-2049.50	31.85	211.55
1347	8	1717	47.79	33.30	0.18	33.30	0.18	0.09	8.10	-3071.31	-3066.50	3.29	121.58
		1691	46.45	34.17	0.20	34.17	0.20	-0.10	7.39	-2979.83	-2976.18	3.74	104.36
		1737	46.77	21.49	-0.10	21.44	-0.04	-1.07	72.54	-3009.18	-2995.04	58.39	208.32
		1736	48.32	20.97	-0.14	20.90	-0.07	-1.19	77.00	-3111.95	-3092.37	57.43	249.09
1347	32	1717	35.62	24.65	0.14	24.65	0.14	0.07	6.45	-2290.02	-2286.17	2.60	93.89
		1691	34.63	25.27	0.15	25.27	0.15	-0.07	5.92	-2221.56	-2218.58	2.94	81.43
		1737	34.86	15.89	-0.07	15.85	-0.03	-0.76	53.86	-2243.62	-2231.89	42.14	163.71
		1736	36.02	15.51	-0.10	15.47	-0.05	-0.85	57.08	-2320.48	-2304.70	41.30	193.05
1347	37	1717	31.35	21.56	0.13	21.55	0.13	0.08	6.66	-2015.44	-2011.41	2.63	90.12
		1691	30.46	22.03	0.15	22.03	0.15	-0.07	6.20	-1954.66	-1951.39	2.93	80.02
		1737	30.67	13.84	-0.05	13.82	-0.02	-0.59	47.12	-1974.68	-1961.38	33.82	163.45
		1736	31.70	13.56	-0.07	13.52	-0.04	-0.66	49.63	-2042.75	-2025.94	32.82	186.79
1348	8	1691	46.45	34.24	0.18	34.24	0.18	0.10	7.10	-2979.48	-2975.49	3.11	109.11
		1716	44.20	34.87	0.20	34.87	0.20	-0.09	6.43	-2827.51	-2824.52	3.45	91.86
		1738	44.32	21.89	-0.08	21.86	-0.05	-0.74	69.05	-2846.19	-2836.80	59.65	165.27
		1737	46.77	21.54	-0.10	21.51	-0.06	-0.87	72.54	-3009.03	-2995.22	58.73	205.85
1348	32	1691	34.62	25.32	0.14	25.32	0.14	0.08	5.71	-2221.31	-2218.05	2.46	85.04
		1716	32.94	25.76	0.15	25.76	0.15	-0.07	5.20	-2107.68	-2105.19	2.71	72.52
		1738	33.03	16.17	-0.05	16.15	-0.04	-0.52	51.38	-2121.78	-2113.66	43.27	132.56
		1737	34.86	15.93	-0.07	15.90	-0.04	-0.61	53.85	-2243.49	-2232.04	42.39	161.83
1348	37	1691	30.46	22.08	0.13	22.08	0.13	0.08	6.04	-1954.46	-1950.91	2.49	83.35
		1716	28.96	22.39	0.15	22.39	0.15	-0.06	5.58	-1853.84	-1850.96	2.70	73.13
		1738	29.05	14.04	-0.04	14.03	-0.03	-0.36	45.31	-1866.87	-1856.83	35.26	138.25
		1737	30.67	13.88	-0.05	13.87	-0.03	-0.43	47.07	-1974.54	-1961.52	34.05	161.73
1349	8	1716	44.19	34.94	0.18	34.94	0.18	0.10	6.13	-2827.02	-2823.72	2.83	96.60

		1692	41.05	35.32	0.20	35.32	0.20	-0.09	5.46	-2616.81	-2614.39	3.05	79.58
		1739	40.99	22.09	-0.09	22.09	-0.09	-0.38	66.24	-2625.10	-2619.45	60.59	123.17
		1738	44.32	21.95	-0.09	21.93	-0.07	-0.54	69.11	-2845.99	-2836.87	59.99	162.78
1349	32	1716	32.93	25.82	0.14	25.82	0.14	0.08	4.98	-2107.33	-2104.59	2.24	76.11
		1692	30.58	26.07	0.16	26.07	0.16	-0.07	4.47	-1950.22	-1948.15	2.39	63.71
		1739	30.54	16.30	-0.06	16.30	-0.06	-0.25	49.44	-1956.52	-1951.32	44.24	101.99
		1738	33.03	16.21	-0.06	16.20	-0.05	-0.36	51.42	-2121.61	-2113.73	43.53	130.67
1349	37	1716	28.96	22.44	0.13	22.44	0.14	0.09	5.41	-1853.55	-1850.40	2.26	76.44
		1692	26.88	22.57	0.15	22.57	0.15	-0.06	4.93	-1714.53	-1711.97	2.37	66.19
		1739	26.85	14.11	-0.05	14.11	-0.05	-0.11	44.07	-1720.70	-1713.40	36.76	113.27
		1738	29.05	14.09	-0.04	14.08	-0.04	-0.21	45.30	-1866.70	-1856.90	35.50	136.52
1350	8	1692	41.04	35.40	0.19	35.39	0.19	0.11	5.15	-2616.14	-2613.43	2.44	84.26
		1715	37.08	35.48	0.22	35.48	0.22	-0.08	4.45	-2351.77	-2349.81	2.49	67.91
		1740	36.83	22.09	-0.16	22.09	-0.16	0.05	63.60	-2349.37	-2346.49	60.72	83.32
		1739	40.99	22.16	-0.10	22.16	-0.10	-0.18	66.35	-2624.80	-2619.38	60.93	120.64
1350	32	1692	30.58	26.12	0.14	26.12	0.14	0.09	4.25	-1949.74	-1947.42	1.93	67.26
		1715	27.61	26.15	0.16	26.15	0.17	-0.06	3.69	-1752.17	-1750.43	1.95	55.29
		1740	27.44	16.29	-0.11	16.29	-0.11	0.07	47.68	-1750.44	-1747.48	44.71	72.93
		1739	30.54	16.35	-0.07	16.35	-0.07	-0.10	49.51	-1956.29	-1951.28	44.51	100.07
1350	37	1692	26.87	22.62	0.14	22.62	0.14	0.09	4.76	-1714.12	-1711.31	1.95	69.47
		1715	24.24	22.55	0.16	22.55	0.16	-0.05	4.22	-1539.32	-1537.03	1.93	59.42
		1740	24.11	14.05	-0.09	14.05	-0.09	0.18	43.09	-1538.38	-1533.33	38.04	89.22
		1739	26.85	14.17	-0.06	14.17	-0.06	0.04	44.08	-1720.45	-1713.37	37.01	111.52
1351	8	1715	37.06	35.56	0.20	35.55	0.20	0.11	4.15	-2350.84	-2348.60	1.91	72.52
		1693	32.36	35.25	0.24	35.25	0.24	-0.07	3.39	-2038.71	-2037.08	1.77	57.50
		1741	31.93	21.85	-0.30	21.83	-0.28	0.63	60.55	-2024.94	-2023.84	59.45	47.89
		1740	36.83	22.17	-0.18	22.16	-0.17	0.25	63.76	-2348.90	-2346.20	61.06	80.74
1351	32	1715	27.60	26.21	0.15	26.21	0.15	0.09	3.48	-1751.49	-1749.52	1.51	58.79
		1693	24.09	25.95	0.18	25.95	0.18	-0.05	2.88	-1518.21	-1516.71	1.38	47.71
		1741	23.77	16.09	-0.22	16.08	-0.20	0.50	45.65	-1507.92	-1506.50	44.23	46.94
		1740	27.43	16.34	-0.13	16.34	-0.13	0.23	47.78	-1750.07	-1747.26	44.97	70.97
1351	37	1715	24.24	22.60	0.15	22.60	0.15	0.10	4.07	-1538.76	-1536.21	1.52	62.66
		1693	21.12	22.27	0.17	22.27	0.17	-0.04	3.48	-1332.31	-1330.19	1.36	53.18
		1741	20.87	13.83	-0.18	13.81	-0.16	0.55	42.03	-1323.77	-1320.44	38.70	67.35
		1740	24.10	14.11	-0.11	14.10	-0.10	0.33	43.12	-1538.01	-1533.16	38.27	87.43
1352	8	1693	32.34	35.34	0.22	35.34	0.22	0.13	3.11	-2037.43	-2035.55	1.22	62.01
		1714	27.05	34.48	0.27	34.48	0.27	-0.03	2.29	-1687.68	-1686.25	0.85	49.20
		1742	26.42	21.34	-0.57	21.25	-0.47	1.43	56.50	-1661.08	-1660.85	56.26	20.17
		1741	31.93	21.94	-0.33	21.91	-0.30	0.82	60.72	-2024.18	-2023.20	59.74	45.27
1352	32	1693	24.07	26.02	0.17	26.02	0.17	0.10	2.69	-1517.28	-1515.56	0.96	51.14
		1714	20.11	25.35	0.20	25.35	0.20	-0.03	2.03	-1255.85	-1254.48	0.66	41.59
		1742	19.66	15.70	-0.41	15.63	-0.34	1.09	42.96	-1235.91	-1235.36	42.41	26.44
		1741	23.77	16.16	-0.24	16.13	-0.22	0.65	45.75	-1507.34	-1506.03	44.45	44.96
1352	37	1693	21.11	22.33	0.16	22.33	0.16	0.11	3.35	-1331.53	-1329.15	0.97	56.35
		1714	17.60	21.64	0.19	21.64	0.19	-0.02	2.71	-1100.08	-1097.99	0.62	47.96
		1742	17.22	13.44	-0.35	13.36	-0.27	1.06	40.61	-1082.99	-1080.79	38.41	49.69
		1741	20.86	13.90	-0.21	13.86	-0.17	0.70	42.06	-1323.20	-1320.04	38.91	65.54
1353	8	1714	27.02	34.57	0.25	34.57	0.25	0.16	2.06	-1685.98	-1684.28	0.35	53.61
		1694	21.35	32.89	0.31	32.89	0.31	0.02	1.17	-1313.52	-1312.04	-0.30	44.00
		1743	20.51	20.56	-1.03	20.25	-0.72	2.57	51.27	-1272.09	-1272.08	51.25	4.50
		1742	26.41	21.44	-0.62	21.32	-0.49	1.63	56.61	-1659.92	-1659.74	56.43	17.55
1353	32	1714	20.10	25.42	0.19	25.42	0.19	0.12	1.88	-1254.60	-1252.99	0.27	44.94
		1694	15.85	24.15	0.23	24.15	0.23	0.02	1.20	-976.16	-974.71	-0.26	37.66
		1743	15.24	15.11	-0.76	14.87	-0.52	1.92	39.53	-945.12	-944.91	39.31	14.62
		1742	19.65	15.78	-0.45	15.68	-0.36	1.25	43.01	-1235.01	-1234.54	42.54	24.46
1353	37	1714	17.58	21.71	0.18	21.71	0.18	0.13	2.64	-1099.03	-1096.66	0.27	51.06
		1694	13.82	20.51	0.21	20.51	0.21	0.01	2.01	-852.43	-850.12	-0.30	44.37
		1743	13.32	12.89	-0.65	12.66	-0.42	1.76	38.92	-825.67	-823.91	37.16	38.96
		1742	17.21	13.52	-0.39	13.42	-0.29	1.22	40.58	-1082.13	-1080.08	38.53	47.87
1354	8	1694	21.32	32.99	0.30	32.98	0.30	0.21	1.04	-1311.37	-1309.59	-0.74	48.28
		1713	15.55	30.16	0.35	30.16	0.35	0.12	0.18	-936.78	-934.83	-1.76	42.65
		1744	14.50	19.53	-1.79	18.72	-0.98	4.08	46.01	-878.89	-878.86	45.98	5.53
		1743	20.49	20.68	-1.11	20.32	-0.75	2.77	51.21	-1270.42	-1270.41	51.21	1.97
1354	32	1694	15.83	24.22	0.22	24.22	0.22	0.16	1.13	-974.58	-972.86	-0.59	40.92
		1713	11.52	22.11	0.26	22.11	0.26	0.09	0.52	-694.56	-692.64	-1.40	36.46
		1744	10.75	14.34	-1.31	13.74	-0.70	3.02	36.39	-651.38	-651.06	36.06	14.95
		1743	15.22	15.21	-0.82	14.93	-0.54	2.08	39.45	-943.83	-943.67	39.29	12.71
1354	37	1694	13.80	20.57	0.20	20.57	0.20	0.16	2.03	-851.09	-848.45	-0.61	47.39
		1713	9.98	18.67	0.24	18.67	0.24	0.07	1.61	-603.10	-600.04	-1.44	42.87
		1744	9.37	12.19	-1.11	11.63	-0.56	2.67	38.33	-566.26	-563.84	35.91	38.20
		1743	13.30	12.99	-0.71	12.71	-0.43	1.92	38.76	-824.43	-822.82	37.15	37.20
1355	8	1713	15.51	30.24	0.33	30.24	0.34	0.31	0.24	-934.30	-931.94	-2.11	46.83
		1695	10.03	25.93	0.36	25.93	0.36	0.25	-0.13	-584.04	-580.53	-3.64	45.10
		1745	8.86	18.35	-2.86	16.58	-1.09	5.87	45.57	-511.14	-509.90	44.33	26.25
		1744	14.48	19.70	-1.90	18.80	-1.01	4.30	45.67	-876.74	-876.73	45.66	3.27
1355	32	1713	11.49	22.17	0.25	22.17	0.25	0.23	0.60	-692.74	-690.46	-1.67	39.64
		1695	7.40	18.99	0.27	18.98	0.27	0.18	0.50	-431.05	-427.69	-2.87	37.97

		1745	6.55	13.46	-2.09	12.15	-0.78	4.32	37.68	-377.44	-375.31	35.55	29.67
		1744	10.73	14.47	-1.40	13.80	-0.73	3.19	36.09	-649.72	-649.47	35.83	13.23
1355	37	1713	9.96	18.74	0.22	18.73	0.22	0.22	1.81	-601.57	-598.07	-1.69	45.82
		1695	6.35	15.95	0.24	15.95	0.24	0.15	2.26	-370.22	-365.08	-2.88	43.44
		1745	5.71	11.40	-1.77	10.24	-0.61	3.73	43.83	-326.41	-319.69	37.11	49.43
		1744	9.34	12.31	-1.20	11.69	-0.58	2.83	37.94	-564.66	-562.43	35.71	36.60
1356	8	1695	10.00	25.99	0.34	25.98	0.35	0.44	0.24	-581.60	-577.41	-3.95	49.21
		1712	5.28	20.07	0.31	20.06	0.32	0.39	2.77	-287.03	-278.16	-6.10	49.92
		1746	4.28	16.99	-4.06	13.77	-0.84	7.58	68.23	-215.16	-199.54	52.62	64.67
		1745	8.83	18.55	-3.02	16.65	-1.13	6.11	44.94	-508.82	-507.74	43.85	24.47
1356	32	1695	7.38	19.03	0.25	19.02	0.26	0.33	0.85	-429.29	-425.33	-3.11	41.10
		1712	3.86	14.67	0.23	14.67	0.24	0.28	3.46	-209.90	-201.67	-4.77	41.10
		1746	3.21	12.45	-2.97	10.08	-0.60	5.56	58.73	-159.71	-143.44	42.45	57.36
		1745	6.53	13.61	-2.22	12.21	-0.81	4.51	37.15	-375.64	-373.68	35.20	28.31
1356	37	1695	6.33	15.99	0.22	15.99	0.23	0.30	2.76	-368.81	-362.94	-3.11	46.33
		1712	3.26	12.26	0.21	12.26	0.21	0.23	7.13	-176.67	-164.83	-4.71	45.13
		1746	2.94	10.50	-2.48	8.46	-0.45	4.72	72.24	-141.90	-114.53	44.86	71.51
		1745	5.68	11.55	-1.89	10.29	-0.64	3.91	43.22	-324.64	-318.23	36.80	48.15
1357	21	1712	4.53	16.82	0.24	16.80	0.26	0.52	22.32	-244.57	-214.15	-8.10	84.81
		1683	2.18	10.76	0.15	10.75	0.17	0.39	72.49	-86.38	-2.42	-11.47	79.30
		1711	5.35	12.74	-3.97	8.70	0.08	7.16	261.35	-88.77	64.49	108.10	173.70
		1746	4.76	14.57	-3.59	11.63	-0.66	6.68	142.92	-209.03	-143.06	76.96	137.35
1357	35	1712	3.38	12.51	0.18	12.50	0.19	0.39	17.63	-182.50	-158.73	-6.14	64.74
		1683	1.66	8.00	0.12	7.99	0.13	0.29	56.15	-64.97	-0.14	-8.68	60.41
		1711	4.07	9.48	-2.95	6.47	0.07	5.33	199.53	-67.52	49.79	82.22	132.54
		1746	3.63	10.86	-2.68	8.66	-0.48	4.99	110.38	-157.35	-105.64	58.66	105.69
1357	37	1712	3.25	12.28	0.18	12.26	0.19	0.39	8.46	-176.22	-162.80	-4.96	47.94
		1683	1.32	7.84	0.12	7.83	0.13	0.28	33.46	-58.73	-18.18	-7.09	45.76
		1711	3.13	9.31	-2.89	6.35	0.08	5.23	145.97	-53.43	28.60	63.94	98.13
		1746	2.91	10.67	-2.63	8.50	-0.46	4.91	71.69	-140.44	-113.42	44.67	70.72
1358	8	1696	3.94	0.58	-0.07	-0.01	0.52	0.19	67.81	-221.04	37.92	-191.14	87.98
		1724	9.52	3.21	-0.56	0.55	2.10	-1.72	151.74	-534.04	-184.06	-198.24	342.82
		1747	15.46	7.59	-1.75	0.15	5.69	-3.76	425.70	-724.40	-137.68	-161.02	574.94
		1697	5.10	5.25	-0.20	-0.18	5.24	0.26	142.22	-236.83	50.05	-144.67	162.61
1358	32	1696	2.93	0.44	-0.06	-9.51e-03	0.40	0.14	50.71	-164.19	28.31	-141.78	65.67
		1724	7.09	2.40	-0.42	0.41	1.57	-1.28	113.41	-397.57	-137.08	-147.07	255.44
		1747	11.50	5.66	-1.30	0.11	4.25	-2.80	318.60	-537.61	-102.25	-116.76	428.04
		1697	3.78	3.91	-0.14	-0.14	3.90	0.19	106.86	-174.12	37.32	-104.58	121.26
1358	37	1696	2.56	0.43	-0.05	-4.48e-03	0.39	0.14	44.99	-143.04	24.99	-123.04	57.97
		1724	6.23	2.15	-0.35	0.37	1.43	-1.13	100.45	-348.45	-120.30	-127.70	224.42
		1747	10.08	5.06	-1.15	0.10	3.81	-2.49	283.20	-467.34	-89.09	-95.05	375.26
		1697	3.26	3.50	-0.13	-0.12	3.49	0.18	96.02	-147.57	32.84	-84.38	106.77
1359	8	1724	8.51	3.02	-0.38	0.72	1.92	-1.59	106.64	-496.27	-216.05	-173.58	300.71
		1725	12.59	5.52	-1.43	2.34	1.74	-3.46	93.26	-769.40	-567.79	-108.36	365.07
		1748	16.56	8.91	-3.60	1.35	3.96	-6.12	306.53	-886.07	-517.23	-62.32	551.22
		1747	13.28	7.27	-1.55	0.23	5.49	-3.54	345.01	-637.93	-158.97	-133.95	491.31
1359	32	1724	6.34	2.25	-0.27	0.54	1.44	-1.18	79.84	-369.44	-160.91	-128.70	224.06
		1725	9.38	4.11	-1.06	1.74	1.31	-2.58	69.88	-573.15	-423.03	-80.24	272.02
		1748	12.33	6.64	-2.68	1.01	2.96	-4.56	230.02	-658.65	-384.89	-43.75	410.29
		1747	9.88	5.41	-1.15	0.17	4.09	-2.63	258.55	-473.28	-118.07	-96.67	365.76
1359	37	1724	5.56	2.01	-0.21	0.49	1.31	-1.03	71.02	-323.77	-141.21	-111.54	196.83
		1725	8.24	3.67	-0.92	1.55	1.20	-2.29	62.31	-503.21	-371.59	-69.30	238.97
		1748	10.82	5.93	-2.36	0.91	2.66	-4.05	205.85	-575.02	-337.05	-32.12	359.44
		1747	8.65	4.83	-1.00	0.16	3.67	-2.32	230.62	-411.09	-102.87	-77.59	320.61
1360	8	1725	12.62	5.36	-1.26	2.44	1.67	-3.29	92.05	-773.06	-572.01	-109.01	365.39
		1726	17.84	7.70	-2.09	4.52	1.09	-4.58	101.38	-1108.43	-948.11	-58.94	410.18
		1749	21.02	9.55	-4.92	2.67	1.96	-7.22	280.39	-1204.33	-922.67	-1.28	582.11
		1748	16.43	8.67	-3.37	1.47	3.83	-5.90	304.01	-879.90	-516.18	-59.71	546.19
1360	32	1725	9.41	3.99	-0.92	1.82	1.25	-2.44	68.99	-575.90	-426.19	-80.73	272.28
		1726	13.30	5.73	-1.54	3.37	0.82	-3.41	75.85	-826.07	-706.59	-43.62	305.75
		1749	15.66	7.11	-3.65	2.00	1.46	-5.38	210.29	-896.37	-687.12	1.04	433.34
		1748	12.23	6.46	-2.50	1.10	2.86	-4.39	228.13	-654.04	-384.09	-41.81	406.53
1360	37	1725	8.27	3.54	-0.78	1.62	1.15	-2.15	61.55	-505.67	-374.39	-69.73	239.23
		1726	11.70	5.10	-1.34	2.99	0.77	-3.02	67.37	-726.10	-621.13	-37.60	268.83
		1749	13.76	6.34	-3.22	1.80	1.32	-4.78	187.94	-785.22	-602.90	5.62	379.73
		1748	10.74	5.75	-2.18	0.99	2.58	-3.89	204.19	-570.96	-336.32	-30.44	356.12
1361	8	1726	17.87	7.54	-1.89	4.59	1.05	-4.37	100.99	-1111.03	-950.05	-60.00	411.34
		1727	23.41	9.59	-2.20	6.85	0.55	-4.99	110.67	-1468.62	-1335.81	-22.14	438.29
		1750	26.23	9.73	-5.49	3.80	0.44	-7.42	263.41	-1566.44	-1347.63	44.60	593.74
		1749	21.02	9.37	-4.69	2.77	1.91	-7.01	280.56	-1204.91	-924.29	-0.06	581.47
1361	32	1726	13.32	5.61	-1.40	3.42	0.79	-3.25	75.56	-828.03	-708.05	-44.42	306.62
		1727	17.45	7.14	-1.62	5.10	0.42	-3.71	82.62	-1094.84	-995.75	-16.46	326.88
		1750	19.55	7.24	-4.07	2.84	0.33	-5.52	197.15	-1166.73	-1003.99	34.41	442.12
		1749	15.66	6.97	-3.48	2.07	1.42	-5.22	210.42	-896.80	-688.33	1.95	432.85
1361	37	1726	11.71	4.98	-1.19	3.05	0.74	-2.86	67.12	-727.86	-622.43	-38.31	269.63
		1727	15.35	6.34	-1.41	4.53	0.41	-3.28	72.96	-963.10	-875.80	-14.35	287.81
		1750	17.18	6.45	-3.58	2.55	0.31	-4.89	175.22	-1023.96	-881.79	33.05	387.65

		1749	13.76	6.21	-3.04	1.87	1.29	-4.62	188.04	-785.59	-603.98	6.42	379.26
1362	8	1727	23.42	9.46	-2.02	6.92	0.53	-4.77	110.48	-1470.34	-1337.37	-22.49	438.77
		1728	28.86	11.29	-1.92	9.15	0.22	-4.87	115.11	-1824.51	-1715.61	6.21	446.51
		1751	31.44	9.64	-5.39	4.69	-0.44	-7.06	243.90	-1928.91	-1760.25	75.24	581.39
		1750	26.24	9.56	-5.26	3.87	0.43	-7.21	262.97	-1567.93	-1349.75	44.79	593.18
1362	32	1727	17.46	7.04	-1.49	5.15	0.40	-3.54	82.48	-1096.13	-996.92	-16.73	327.24
		1728	21.51	8.40	-1.42	6.81	0.17	-3.61	85.74	-1360.41	-1279.02	4.36	333.27
		1751	23.43	7.17	-3.99	3.50	-0.33	-5.24	182.00	-1437.23	-1311.62	56.38	433.16
		1750	19.55	7.11	-3.90	2.89	0.32	-5.35	196.81	-1167.84	-1005.58	34.55	441.70
1362	37	1727	15.37	6.24	-1.27	4.58	0.39	-3.12	72.83	-964.26	-876.84	-14.59	288.14
		1728	18.94	7.45	-1.22	6.05	0.19	-3.19	75.24	-1197.31	-1125.30	3.23	294.03
		1751	20.59	6.37	-3.50	3.14	-0.27	-4.63	160.48	-1262.56	-1152.39	50.31	380.31
		1750	17.18	6.32	-3.41	2.60	0.30	-4.72	174.90	-1024.94	-883.20	33.16	387.26
1363	8	1728	28.87	11.20	-1.77	9.23	0.20	-4.65	114.95	-1825.84	-1716.91	6.02	446.70
		1729	33.93	12.88	-1.48	11.33	0.07	-4.45	114.50	-2158.00	-2070.20	26.70	437.99
		1752	36.26	9.45	-4.85	5.43	-0.83	-6.43	221.80	-2265.46	-2136.84	93.18	550.79
		1751	31.44	9.48	-5.17	4.75	-0.44	-6.85	243.23	-1929.92	-1761.73	75.03	580.71
1363	32	1728	21.53	8.32	-1.30	6.87	0.16	-3.45	85.62	-1361.40	-1280.00	4.21	333.43
		1729	25.29	9.57	-1.09	8.42	0.06	-3.30	85.08	-1609.24	-1543.46	19.30	327.31
		1752	27.01	7.02	-3.59	4.05	-0.61	-4.77	164.93	-1688.30	-1592.27	68.91	410.78
		1751	23.43	7.04	-3.82	3.55	-0.33	-5.08	181.49	-1437.99	-1312.72	56.22	432.65
1363	37	1728	18.94	7.37	-1.10	6.10	0.17	-3.03	75.14	-1198.19	-1126.15	3.10	294.17
		1729	22.26	8.48	-0.92	7.47	0.08	-2.91	74.18	-1416.66	-1358.09	15.61	289.64
		1752	23.74	6.22	-3.13	3.62	-0.53	-4.19	144.08	-1483.76	-1399.03	59.34	361.60
		1751	20.59	6.24	-3.33	3.19	-0.28	-4.47	160.01	-1263.22	-1153.36	50.15	379.85
1364	8	1729	33.94	12.81	-1.36	11.40	0.05	-4.24	114.33	-2158.98	-2071.14	26.49	438.14
		1730	38.42	14.39	-1.04	13.32	0.03	-3.92	110.17	-2455.18	-2385.36	40.35	417.41
		1753	40.47	9.29	-4.11	6.09	-0.91	-5.71	199.46	-2561.10	-2463.85	102.21	508.92
		1752	36.25	9.31	-4.65	5.49	-0.83	-6.22	221.21	-2266.01	-2137.69	92.89	550.18
1364	32	1729	25.30	9.52	-0.99	8.48	0.05	-3.14	84.96	-1609.97	-1544.16	19.15	327.43
		1730	28.64	10.69	-0.76	9.90	0.03	-2.90	81.66	-1830.91	-1778.42	29.17	312.47
		1753	30.15	6.89	-3.03	4.53	-0.67	-4.22	147.76	-1908.75	-1835.88	74.89	380.18
		1752	27.01	6.91	-3.43	4.09	-0.62	-4.60	164.49	-1688.70	-1592.90	68.68	410.32
1364	37	1729	22.27	8.43	-0.83	7.52	0.07	-2.75	74.07	-1417.31	-1358.71	15.47	289.76
		1730	25.21	9.45	-0.63	8.76	0.06	-2.54	70.73	-1611.97	-1564.79	23.55	277.76
		1753	26.49	6.09	-2.63	4.04	-0.58	-3.70	127.76	-1677.79	-1612.89	62.86	336.11
		1752	23.74	6.11	-2.98	3.67	-0.53	-4.03	143.67	-1484.11	-1399.58	59.14	361.19
1365	8	1730	38.42	14.35	-0.95	13.39	0.02	-3.72	110.01	-2455.84	-2385.96	40.13	417.63
		1731	42.19	15.82	-0.67	15.10	0.05	-3.38	103.74	-2706.18	-2651.25	48.81	389.03
		1754	43.98	9.20	-3.33	6.72	-0.84	-4.99	178.87	-2807.20	-2734.28	105.95	460.90
		1753	40.47	9.16	-3.92	6.15	-0.92	-5.50	199.04	-2561.38	-2464.31	101.97	508.46
1365	32	1730	28.65	10.66	-0.69	9.95	0.02	-2.75	81.54	-1831.41	-1778.87	29.00	312.64
		1731	31.46	11.74	-0.48	11.21	0.05	-2.49	76.71	-2018.09	-1976.58	35.20	291.95
		1754	32.76	6.82	-2.45	4.99	-0.62	-3.69	131.99	-2092.18	-2037.26	77.07	345.16
		1753	30.15	6.80	-2.89	4.58	-0.68	-4.07	147.44	-1908.95	-1836.22	74.71	379.83
1365	37	1730	25.21	9.42	-0.56	8.82	0.05	-2.39	70.62	-1612.40	-1565.18	23.40	277.93
		1731	27.68	10.37	-0.38	9.91	0.08	-2.17	66.00	-1776.75	-1738.96	28.21	261.18
		1754	28.78	6.01	-2.10	4.44	-0.54	-3.20	112.92	-1839.07	-1789.49	63.35	307.11
		1753	26.49	5.99	-2.49	4.09	-0.59	-3.54	127.47	-1677.96	-1613.18	62.69	335.80
1366	8	1731	42.20	15.80	-0.60	15.16	0.04	-3.18	103.62	-2706.60	-2651.59	48.60	389.32
		1732	45.17	17.14	-0.38	16.66	0.10	-2.87	96.60	-2904.50	-2861.67	53.77	355.96
		1755	46.70	9.20	-2.60	7.32	-0.73	-4.32	161.17	-2998.67	-2944.61	107.11	409.75
		1754	43.97	9.09	-3.16	6.78	-0.86	-4.79	178.60	-2807.34	-2734.53	105.79	460.55
1366	32	1731	31.46	11.73	-0.43	11.26	0.04	-2.34	76.62	-2018.41	-1976.84	35.05	292.17
		1732	33.68	12.72	-0.27	12.36	0.08	-2.11	71.27	-2165.93	-2133.34	38.68	268.04
		1755	34.79	6.81	-1.91	5.44	-0.53	-3.18	118.49	-2234.83	-2193.82	77.48	307.92
		1754	32.76	6.74	-2.32	5.05	-0.63	-3.53	131.78	-2092.29	-2037.45	76.95	344.89
1366	37	1731	27.69	10.36	-0.33	9.96	0.06	-2.02	65.92	-1777.03	-1739.17	28.07	261.40
		1732	29.63	11.21	-0.19	10.91	0.11	-1.83	60.94	-1906.77	-1876.57	30.75	241.87
		1755	30.55	5.99	-1.62	4.82	-0.46	-2.74	100.34	-1964.33	-1926.63	62.63	276.44
		1754	28.77	5.93	-1.98	4.49	-0.55	-3.05	112.74	-1839.15	-1789.65	63.24	306.87
1367	8	1732	45.18	17.14	-0.34	16.72	0.08	-2.67	96.52	-2904.76	-2861.84	53.61	356.31
		1733	47.30	18.33	-0.18	18.01	0.14	-2.42	89.71	-3045.99	-3012.94	56.66	320.21
		1756	48.59	9.26	-1.99	7.88	-0.61	-3.69	146.84	-3132.40	-3093.04	107.49	357.07
		1755	46.70	9.10	-2.46	7.39	-0.74	-4.11	161.00	-2998.74	-2944.76	107.02	409.45
1367	32	1732	33.68	12.72	-0.23	12.41	0.07	-1.96	71.21	-2166.12	-2133.47	38.56	268.31
		1733	35.26	13.59	-0.12	13.36	0.12	-1.77	66.05	-2271.33	-2245.96	40.68	242.21
		1756	36.19	6.86	-1.45	5.85	-0.45	-2.71	107.60	-2334.38	-2304.24	77.45	269.63
		1755	34.79	6.74	-1.80	5.49	-0.55	-3.02	118.36	-2234.88	-2193.93	77.41	307.70
1367	37	1732	29.64	11.21	-0.16	10.96	0.09	-1.67	60.90	-1906.94	-1876.68	30.64	242.13
		1733	31.02	11.96	-0.06	11.76	0.14	-1.51	56.20	-1999.34	-1975.28	32.14	221.07
		1756	31.78	6.01	-1.21	5.18	-0.38	-2.31	90.30	-2051.61	-2023.19	61.88	245.06
		1755	30.55	5.92	-1.52	4.88	-0.47	-2.58	100.23	-1964.38	-1926.73	62.58	276.24
1368	8	1733	47.30	18.35	-0.14	18.08	0.13	-2.22	89.66	-3046.13	-3013.00	56.53	320.61
		1734	48.53	19.38	-0.03	19.17	0.18	-2.01	83.61	-3128.11	-3102.99	58.48	282.96
		1757	49.62	9.38	-1.48	8.40	-0.51	-3.10	136.00	-3206.49	-3178.67	108.18	303.68
		1756	48.59	9.19	-1.86	7.95	-0.63	-3.49	146.74	-3132.43	-3093.13	107.45	356.82

1368	32	1733	35.26	13.60	-0.09	13.41	0.10	-1.62	66.02	-2271.44	-2246.00	40.58	242.52
		1734	36.17	14.36	-6.30e-03	14.21	0.15	-1.47	61.47	-2332.43	-2312.91	41.95	215.32
		1757	36.96	6.94	-1.08	6.23	-0.37	-2.27	99.40	-2389.44	-2367.84	77.80	230.86
		1756	36.19	6.80	-1.36	5.91	-0.46	-2.55	107.52	-2334.41	-2304.31	77.42	269.44
1368	37	1733	31.02	11.97	-0.03	11.81	0.12	-1.36	56.17	-1999.44	-1975.31	32.05	221.36
		1734	31.82	12.61	0.04	12.48	0.16	-1.24	52.12	-2052.84	-2033.76	33.04	199.46
		1757	32.44	6.07	-0.88	5.50	-0.31	-1.91	82.86	-2099.68	-2078.61	61.79	213.38
		1756	31.78	5.96	-1.12	5.23	-0.39	-2.15	90.23	-2051.63	-2023.25	61.86	244.89
1369	8	1734	48.53	19.41	-5.97e-03	19.24	0.16	-1.81	83.58	-3128.18	-3102.97	58.38	283.40
		1735	48.85	20.27	0.08	20.14	0.21	-1.65	78.56	-3149.45	-3130.77	59.88	244.87
		1758	49.77	9.51	-1.09	8.86	-0.44	-2.55	128.61	-3219.84	-3201.07	109.85	249.95
		1757	49.62	9.33	-1.38	8.47	-0.53	-2.90	135.94	-3206.50	-3178.72	108.16	303.45
1369	32	1734	36.18	14.38	0.01	14.26	0.13	-1.32	61.45	-2332.48	-2312.89	41.87	215.65
		1735	36.41	15.01	0.07	14.91	0.17	-1.20	57.72	-2348.17	-2333.42	42.96	187.82
		1758	37.07	7.03	-0.79	6.57	-0.32	-1.86	93.87	-2399.19	-2384.33	79.01	191.87
		1757	36.96	6.90	-1.00	6.29	-0.39	-2.11	99.36	-2389.45	-2367.88	77.79	230.70
1369	37	1734	31.82	12.63	0.05	12.54	0.15	-1.08	52.11	-2052.88	-2033.75	32.97	199.77
		1735	32.02	13.15	0.11	13.07	0.18	-0.98	48.87	-2066.35	-2051.37	33.89	177.38
		1758	32.53	6.15	-0.63	5.78	-0.27	-1.53	77.97	-2107.84	-2092.65	62.78	181.56
		1757	32.44	6.04	-0.81	5.55	-0.33	-1.75	82.81	-2099.69	-2078.65	61.78	213.22
1370	8	1735	48.85	20.31	0.09	20.20	0.19	-1.45	78.55	-3149.45	-3130.70	59.80	245.31
		1736	48.26	21.00	0.15	20.92	0.23	-1.31	74.62	-3109.40	-3095.98	61.19	206.29
		1759	49.03	9.65	-0.80	9.24	-0.39	-2.02	124.59	-3171.93	-3160.22	112.89	196.09
		1758	49.77	9.48	-1.01	8.93	-0.46	-2.35	128.58	-3219.83	-3201.10	109.84	249.73
1370	32	1735	36.41	15.04	0.08	14.96	0.15	-1.04	57.71	-2348.17	-2333.36	42.90	188.16
		1736	35.96	15.54	0.12	15.48	0.18	-0.94	54.83	-2318.10	-2307.27	44.00	159.95
		1759	36.51	7.13	-0.58	6.84	-0.29	-1.46	90.93	-2363.23	-2353.68	81.39	152.77
		1758	37.07	7.01	-0.73	6.62	-0.33	-1.70	93.84	-2399.18	-2384.35	79.01	191.71
1370	37	1735	32.02	13.18	0.11	13.13	0.17	-0.83	48.87	-2066.36	-2051.32	33.84	177.70
		1736	31.62	13.58	0.15	13.54	0.19	-0.75	46.49	-2039.49	-2027.91	34.92	154.96
		1759	32.04	6.22	-0.45	6.01	-0.24	-1.16	75.58	-2075.75	-2065.29	65.12	149.64
		1758	32.53	6.13	-0.58	5.83	-0.28	-1.37	77.94	-2107.83	-2092.67	62.78	181.41
1371	8	1736	48.26	21.05	0.15	20.99	0.21	-1.11	74.61	-3109.34	-3095.86	61.14	206.71
		1737	46.74	21.57	0.19	21.52	0.24	-0.98	71.68	-3008.08	-2998.94	62.55	167.49
		1760	47.39	9.76	-0.61	9.53	-0.38	-1.51	123.92	-3062.74	-3056.38	117.56	142.26
		1759	49.03	9.64	-0.74	9.31	-0.41	-1.82	124.58	-3171.90	-3160.22	112.90	195.85
1371	32	1736	35.96	15.57	0.13	15.53	0.17	-0.79	54.83	-2318.05	-2307.18	43.95	160.28
		1737	34.83	15.95	0.15	15.92	0.19	-0.70	52.74	-2242.30	-2234.70	45.13	131.89
		1760	35.29	7.21	-0.43	7.06	-0.28	-1.07	90.58	-2281.56	-2276.10	85.12	113.68
		1759	36.51	7.12	-0.53	6.90	-0.30	-1.31	90.92	-2363.21	-2353.69	81.39	152.59
1371	37	1736	31.62	13.62	0.15	13.59	0.18	-0.60	46.50	-2039.45	-2027.83	34.88	155.27
		1737	30.62	13.90	0.18	13.88	0.20	-0.52	44.92	-1972.31	-1963.59	36.21	132.29
		1760	30.95	6.28	-0.33	6.18	-0.23	-0.80	75.68	-2003.38	-1996.70	69.00	117.66
		1759	32.04	6.22	-0.41	6.06	-0.25	-1.01	75.56	-2075.73	-2065.29	65.12	149.47
1372	8	1737	46.74	21.62	0.19	21.59	0.22	-0.78	71.69	-3007.93	-2998.75	62.50	167.93
		1738	44.32	21.97	0.21	21.95	0.23	-0.65	69.52	-2846.38	-2840.67	63.81	128.89
		1761	44.87	9.84	-0.52	9.75	-0.43	-0.98	126.59	-2892.83	-2890.21	123.97	88.87
		1760	47.40	9.77	-0.57	9.60	-0.40	-1.30	123.92	-3062.68	-3056.34	117.57	142.03
1372	32	1737	34.83	15.99	0.15	15.97	0.17	-0.54	52.74	-2242.20	-2234.55	45.10	132.23
		1738	33.02	16.23	0.17	16.21	0.18	-0.45	51.27	-2121.43	-2116.45	46.29	103.91
		1761	33.41	7.27	-0.37	7.21	-0.31	-0.67	92.82	-2154.56	-2152.07	90.33	74.85
		1760	35.29	7.22	-0.41	7.11	-0.29	-0.92	90.58	-2281.51	-2276.07	85.13	113.50
1372	37	1737	30.62	13.94	0.17	13.93	0.18	-0.37	44.93	-1972.22	-1963.47	36.18	132.60
		1738	29.02	14.10	0.18	14.09	0.19	-0.29	44.02	-1865.36	-1859.06	37.71	109.52
		1761	29.29	6.33	-0.29	6.30	-0.26	-0.44	78.30	-1891.06	-1887.32	74.56	85.77
		1760	30.96	6.30	-0.31	6.23	-0.25	-0.65	75.67	-2003.34	-1996.68	69.01	117.50
1373	8	1738	44.32	22.02	0.20	22.02	0.21	-0.45	69.54	-2846.12	-2840.37	63.79	129.29
		1739	41.02	22.18	0.19	22.18	0.19	-0.28	67.76	-2626.25	-2623.17	64.68	91.12
		1762	41.49	9.91	-0.57	9.89	-0.55	-0.41	132.61	-2663.42	-2662.94	132.13	36.59
		1761	44.88	9.87	-0.50	9.81	-0.44	-0.78	126.60	-2892.71	-2890.10	124.00	88.59
1373	32	1738	33.02	16.27	0.16	16.27	0.16	-0.30	51.28	-2121.24	-2116.23	46.27	104.22
		1739	30.55	16.37	0.15	16.37	0.15	-0.17	50.15	-1956.94	-1954.02	47.23	76.44
		1762	30.88	7.32	-0.41	7.31	-0.40	-0.25	97.67	-1983.15	-1982.50	97.02	36.75
		1761	33.41	7.30	-0.36	7.26	-0.32	-0.52	92.83	-2154.47	-2151.99	90.35	74.64
1373	37	1738	29.01	14.15	0.17	14.15	0.18	-0.14	44.03	-1865.21	-1858.87	37.69	109.81
		1739	26.83	14.18	0.17	14.18	0.17	-0.04	43.54	-1719.90	-1715.60	39.24	86.95
		1762	27.07	6.37	-0.34	6.37	-0.33	-0.05	83.49	-1739.54	-1737.92	81.87	54.30
		1761	29.30	6.36	-0.28	6.35	-0.27	-0.29	78.30	-1890.98	-1887.25	74.57	85.58
1374	8	1739	41.01	22.25	0.17	22.25	0.17	-0.09	67.78	-2625.83	-2622.72	64.67	91.46
		1740	36.88	22.20	0.11	22.20	0.11	0.16	65.87	-2351.18	-2349.91	64.60	55.33
		1763	37.28	9.98	-0.81	9.98	-0.80	0.23	141.92	-2376.84	-2376.77	141.85	-13.17
		1762	41.49	9.96	-0.57	9.95	-0.57	-0.21	132.64	-2663.20	-2662.73	132.17	36.24
1374	32	1739	30.55	16.42	0.14	16.42	0.14	-0.02	50.16	-1956.62	-1953.69	47.23	76.70
		1740	27.46	16.37	0.09	16.37	0.09	0.16	48.98	-1751.38	-1749.97	47.57	50.30
		1763	27.74	7.37	-0.59	7.37	-0.58	0.23	105.10	-1769.03	-1769.03	105.10	0.39
		1762	30.88	7.36	-0.41	7.36	-0.41	-0.10	97.69	-1982.99	-1982.35	97.05	36.49
1374	37	1739	26.83	14.23	0.15	14.23	0.15	0.11	43.56	-1719.63	-1715.30	39.24	87.21

		1740	24.10	14.13	0.11	14.12	0.12	0.26	43.17	-1538.11	-1535.42	40.47	65.22
		1763	24.30	6.42	-0.50	6.39	-0.48	0.38	91.28	-1550.28	-1549.93	90.92	24.05
		1762	27.07	6.42	-0.35	6.42	-0.35	0.10	83.50	-1739.40	-1737.80	81.90	54.08
1375	8	1740	36.87	22.28	0.09	22.27	0.09	0.35	65.88	-2350.49	-2349.21	64.60	55.61
		1741	31.99	22.00	-0.06	21.97	-0.04	0.75	63.17	-2026.98	-2026.72	62.90	23.51
		1764	32.32	10.15	-1.33	10.06	-1.24	1.03	154.31	-2037.03	-2035.51	152.79	-57.81
		1763	37.28	10.06	-0.83	10.04	-0.82	0.43	141.98	-2376.46	-2376.38	141.90	-13.62
1375	32	1740	27.45	16.43	0.07	16.42	0.08	0.31	48.99	-1750.88	-1749.46	47.57	50.51
		1741	23.81	16.20	-0.03	16.18	-0.01	0.59	47.27	-1509.10	-1508.63	46.80	26.92
		1764	24.03	7.50	-0.98	7.42	-0.90	0.82	114.97	-1515.11	-1514.47	114.33	-32.34
		1763	27.74	7.43	-0.61	7.42	-0.60	0.38	105.14	-1768.75	-1768.75	105.14	0.06
1375	37	1740	24.10	14.19	0.09	14.18	0.11	0.41	43.18	-1537.68	-1534.96	40.47	65.43
		1741	20.87	13.93	5.87e-03	13.91	0.04	0.64	42.47	-1323.79	-1322.27	40.96	45.48
		1764	21.03	6.52	-0.85	6.41	-0.74	0.90	101.57	-1325.77	-1325.76	101.56	-3.46
		1763	24.30	6.48	-0.53	6.44	-0.49	0.53	91.30	-1550.03	-1549.69	90.95	23.76
1376	8	1741	31.97	22.09	-0.09	22.05	-0.05	0.94	63.14	-2025.92	-2025.65	62.88	23.70
		1742	26.48	21.55	-0.37	21.44	-0.25	1.57	59.03	-1663.00	-1662.99	59.02	-1.36
		1765	26.70	10.53	-2.26	10.19	-1.92	2.08	169.25	-1650.66	-1645.92	164.51	-92.76
		1764	32.31	10.25	-1.39	10.12	-1.26	1.22	154.37	-2036.36	-2034.80	152.81	-58.40
1376	32	1741	23.80	16.27	-0.06	16.24	-0.03	0.74	47.25	-1508.31	-1507.84	46.78	27.08
		1742	19.69	15.86	-0.26	15.77	-0.17	1.20	44.56	-1237.04	-1236.98	44.50	8.51
		1765	19.84	7.78	-1.67	7.50	-1.39	1.59	126.92	-1226.33	-1223.83	124.42	-58.10
		1764	24.03	7.58	-1.03	7.47	-0.91	0.97	115.01	-1514.61	-1513.95	114.35	-32.78
1376	37	1741	20.86	14.01	-0.02	13.96	0.02	0.79	42.47	-1323.10	-1321.57	40.94	45.63
		1742	17.23	13.59	-0.19	13.49	-0.09	1.16	41.10	-1083.03	-1082.25	40.32	29.57
		1765	17.33	6.76	-1.44	6.45	-1.13	1.57	114.12	-1070.29	-1069.75	113.58	-25.42
		1764	21.03	6.61	-0.90	6.46	-0.75	1.05	101.59	-1325.32	-1325.31	101.58	-3.85
1377	8	1742	26.46	21.66	-0.42	21.52	-0.28	1.76	58.91	-1661.41	-1661.41	58.91	-1.24
		1743	20.56	20.86	-0.88	20.51	-0.53	2.71	53.28	-1273.65	-1273.47	53.10	-15.25
		1766	20.61	11.28	-3.69	10.40	-2.81	3.52	185.90	-1228.77	-1220.04	177.17	-110.79
		1765	26.69	10.66	-2.35	10.25	-1.94	2.27	169.25	-1649.49	-1644.66	164.42	-93.57
1377	32	1742	19.68	15.94	-0.30	15.83	-0.19	1.34	44.48	-1235.86	-1235.80	44.42	8.61
		1743	15.27	15.33	-0.63	15.07	-0.37	2.03	40.76	-946.00	-946.00	40.76	-1.97
		1766	15.30	8.32	-2.71	7.64	-2.03	2.65	140.35	-910.94	-906.05	135.46	-71.53
		1765	19.83	7.88	-1.74	7.55	-1.41	1.74	126.91	-1225.45	-1222.90	124.36	-58.69
1377	37	1742	17.22	13.67	-0.23	13.55	-0.11	1.31	41.04	-1081.99	-1081.21	40.25	29.67
		1743	13.33	13.09	-0.51	12.83	-0.25	1.86	39.06	-825.45	-824.98	38.59	20.04
		1766	13.33	7.21	-2.32	6.53	-1.63	2.46	128.54	-791.15	-789.64	127.03	-37.25
		1765	17.33	6.87	-1.51	6.50	-1.15	1.72	114.10	-1069.51	-1068.94	113.53	-25.95
1378	8	1743	20.53	20.98	-0.95	20.59	-0.56	2.91	53.02	-1271.42	-1271.24	52.85	-15.10
		1744	14.56	19.92	-1.65	19.07	-0.79	4.21	47.07	-880.12	-879.91	46.86	-13.85
		1767	14.36	12.53	-5.58	10.67	-3.72	5.50	203.46	-789.39	-778.83	192.91	-101.82
		1766	20.59	11.45	-3.82	10.48	-2.85	3.72	185.64	-1226.83	-1217.93	176.74	-111.78
1378	32	1743	15.25	15.43	-0.69	15.13	-0.39	2.18	40.58	-944.33	-944.33	40.57	-1.85
		1744	10.78	14.63	-1.20	13.99	-0.56	3.12	36.83	-651.93	-651.93	36.82	-1.30
		1767	10.63	9.23	-4.09	7.83	-2.69	4.09	154.82	-582.51	-576.71	149.02	-65.15
		1766	15.28	8.46	-2.81	7.71	-2.06	2.81	140.15	-909.48	-904.48	135.15	-72.27
1378	37	1743	13.31	13.18	-0.57	12.88	-0.27	2.01	38.91	-823.97	-823.50	38.44	20.16
		1744	9.37	12.44	-0.99	11.85	-0.40	2.76	37.45	-565.44	-564.80	36.81	19.72
		1767	9.23	7.95	-3.46	6.63	-2.14	3.65	144.83	-500.67	-499.04	143.20	-32.41
		1766	13.31	7.35	-2.42	6.59	-1.66	2.62	128.34	-789.83	-788.26	126.77	-37.92
1379	8	1744	14.51	20.07	-1.76	19.13	-0.83	4.41	46.73	-877.11	-876.92	46.53	-13.39
		1745	8.91	18.75	-2.68	16.95	-0.88	5.94	44.57	-511.73	-511.67	44.52	5.55
		1768	8.48	14.29	-7.67	10.80	-4.18	8.03	223.60	-361.93	-356.65	218.32	-55.39
		1767	14.32	12.75	-5.77	10.78	-3.79	5.72	202.57	-786.67	-775.86	191.76	-102.87
1379	32	1744	10.75	14.74	-1.29	14.04	-0.59	3.28	36.58	-649.68	-649.68	36.58	-0.95
		1745	6.58	13.76	-1.96	12.42	-0.62	4.38	36.20	-377.13	-376.75	35.82	12.55
		1768	6.27	10.51	-5.61	7.91	-3.01	5.93	172.16	-263.67	-261.44	169.93	-31.11
		1767	10.60	9.40	-4.23	7.91	-2.74	4.26	154.14	-580.46	-574.49	148.17	-65.95
1379	37	1744	9.34	12.55	-1.08	11.90	-0.42	2.91	37.27	-563.46	-562.79	36.60	20.04
		1745	5.68	11.65	-1.62	10.47	-0.44	3.78	40.21	-323.80	-321.24	37.64	30.46
		1768	5.46	8.99	-4.70	6.65	-2.37	5.15	166.19	-220.56	-220.52	166.15	-3.87
		1767	9.20	8.12	-3.60	6.71	-2.19	3.82	144.18	-498.80	-497.08	142.46	-33.13
1380	8	1745	8.85	18.94	-2.84	17.01	-0.92	6.17	44.27	-507.80	-507.72	44.19	6.69
		1746	4.24	17.26	-3.76	14.06	-0.55	7.56	59.49	-209.76	-203.24	52.98	41.38
		1769	4.46	16.32	-9.30	10.39	-3.37	10.81	269.07	-6.44	-2.70	265.33	31.87
		1768	8.44	14.55	-7.91	10.92	-4.28	8.27	221.94	-359.54	-354.04	216.44	-56.27
1380	32	1745	6.53	13.90	-2.08	12.47	-0.65	4.56	36.01	-374.21	-373.77	35.57	13.41
		1746	3.14	12.65	-2.74	10.29	-0.38	5.55	50.41	-153.88	-146.36	42.89	38.48
		1769	3.41	11.98	-6.80	7.59	-2.41	7.94	212.27	-2.35	2.92	207.00	33.22
		1768	6.24	10.71	-5.79	8.00	-3.08	6.11	170.88	-261.84	-259.49	168.53	-31.79
1380	37	1745	5.64	11.80	-1.74	10.52	-0.46	3.96	40.14	-321.27	-318.55	37.42	31.23
		1746	2.77	10.67	-2.27	8.63	-0.23	4.72	60.46	-132.33	-117.48	45.62	51.40
		1769	3.34	10.16	-5.66	6.34	-1.84	6.77	216.22	0.40	13.19	203.43	50.95
		1768	5.44	9.18	-4.87	6.73	-2.43	5.33	164.98	-218.84	-218.79	164.93	-4.51
1381	21	1746	4.13	14.82	-3.30	11.89	-0.37	6.67	119.82	-186.73	-145.19	78.28	104.92
		1711	4.49	12.79	-3.59	8.72	0.47	7.08	225.70	-56.69	57.96	111.06	138.68

		1710	8.60	15.17	-7.90	7.44	-0.17	10.89	573.69	116.18	261.60	428.27	213.04
		1769	5.73	14.09	-8.00	8.75	-2.65	9.46	367.83	4.68	42.11	330.40	110.41
1381	35	1746	3.11	11.05	-2.46	8.85	-0.26	4.98	92.50	-140.08	-107.28	59.70	80.95
		1711	3.41	9.52	-2.67	6.49	0.37	5.27	172.42	-43.09	44.84	84.49	105.91
		1710	6.52	11.30	-5.87	5.53	-0.09	8.11	434.92	86.56	197.24	324.24	162.19
		1769	4.37	10.52	-5.95	6.51	-1.93	7.07	279.99	3.18	32.84	250.33	85.62
1381	37	1746	2.73	10.86	-2.41	8.69	-0.25	4.90	60.82	-130.12	-114.50	45.20	52.32
		1711	2.62	9.35	-2.61	6.37	0.37	5.18	125.18	-35.07	24.66	65.45	77.48
		1710	5.24	11.11	-5.75	5.41	-0.06	7.98	346.87	81.17	163.56	264.48	122.89
		1769	3.35	10.36	-5.85	6.39	-1.88	6.97	215.97	0.49	13.52	202.94	51.36
1382	8	1697	5.18	5.71	0.27	0.30	5.69	0.36	139.20	-246.22	39.42	-146.44	168.82
		1747	15.50	7.77	-1.82	-0.07	6.01	-3.71	428.50	-724.71	-123.01	-173.20	576.06
		1599	20.55	12.80	-1.88	0.02	10.90	-4.93	809.93	-744.60	-85.00	150.33	768.30
		1560	7.16	14.26	-0.58	-0.55	14.23	0.68	376.54	-132.68	71.64	172.22	249.59
1382	32	1697	3.84	4.26	0.20	0.22	4.24	0.27	104.72	-181.18	29.49	-105.95	125.89
		1747	11.54	5.79	-1.35	-0.04	4.49	-2.76	320.63	-538.06	-91.36	-126.07	428.99
		1599	15.29	9.56	-1.40	0.01	8.14	-3.68	607.31	-549.12	-62.57	120.76	570.90
		1560	5.40	10.63	-0.43	-0.41	10.61	0.51	285.88	-95.94	53.20	136.73	186.29
1382	37	1697	3.32	3.83	0.17	0.19	3.81	0.26	94.42	-153.90	26.21	-85.69	110.84
		1747	10.11	5.20	-1.18	-0.03	4.05	-2.45	284.86	-468.26	-79.62	-103.78	376.37
		1599	13.38	8.56	-1.25	6.92e-03	7.30	-3.28	542.65	-469.43	-53.24	126.47	498.00
		1560	4.89	9.49	-0.37	-0.35	9.46	0.46	263.93	-77.93	46.30	139.71	164.42
1383	8	1747	13.60	7.57	-1.34	0.37	5.86	-3.51	341.45	-663.69	-179.87	-142.38	502.22
		1748	16.34	9.10	-3.39	1.40	4.31	-6.07	304.71	-872.79	-506.42	-61.67	545.14
		1561	21.18	11.31	-4.99	0.05	6.28	-7.53	658.56	-925.41	-448.79	181.94	726.49
		1599	17.23	12.45	-2.06	-0.32	10.71	-4.72	704.98	-595.24	-59.49	169.23	639.97
1383	32	1747	10.12	5.64	-0.99	0.28	4.38	-2.60	255.89	-492.64	-133.74	-103.00	373.95
		1748	12.17	6.79	-2.51	1.05	3.22	-4.52	228.63	-648.70	-376.73	-43.34	405.76
		1561	15.77	8.45	-3.71	0.06	4.69	-5.62	494.51	-685.23	-333.31	142.59	539.74
		1599	12.82	9.30	-1.53	-0.23	7.99	-3.52	529.29	-438.19	-43.28	134.38	475.52
1383	37	1747	8.87	5.04	-0.84	0.25	3.94	-2.29	228.29	-428.43	-116.87	-83.27	327.93
		1748	10.68	6.07	-2.20	0.95	2.93	-4.01	204.57	-566.16	-329.65	-31.94	355.46
		1561	13.83	7.58	-3.27	0.09	4.22	-5.02	443.40	-592.18	-290.48	141.70	470.55
		1599	11.23	8.33	-1.34	-0.18	7.17	-3.14	474.51	-372.86	-35.71	137.36	414.75
1384	8	1748	16.58	8.83	-3.17	1.46	4.20	-5.84	301.10	-892.97	-523.57	-68.30	551.94
		1749	20.96	9.77	-4.65	2.81	2.31	-7.20	281.60	-1199.79	-918.96	0.78	580.64
		1598	25.06	9.50	-6.86	0.18	2.46	-8.10	578.65	-1268.77	-896.98	206.87	740.69
		1561	20.72	11.10	-4.68	0.24	6.18	-7.31	658.26	-892.80	-433.04	198.50	708.34
1384	32	1748	12.35	6.58	-2.34	1.10	3.14	-4.34	225.96	-663.90	-389.64	-48.31	410.90
		1749	15.61	7.28	-3.45	2.10	1.73	-5.36	211.24	-892.96	-684.31	2.59	432.27
		1598	18.66	7.09	-5.09	0.17	1.83	-6.03	434.14	-942.08	-667.38	159.43	550.08
		1561	15.42	8.29	-3.47	0.20	4.61	-5.45	494.30	-660.75	-321.43	154.99	526.11
1384	37	1748	10.84	5.87	-2.03	0.99	2.85	-3.84	202.27	-579.90	-341.27	-36.37	360.15
		1749	13.72	6.50	-3.02	1.89	1.59	-4.75	188.89	-782.17	-600.31	7.03	378.85
		1598	16.37	6.36	-4.48	0.22	1.65	-5.37	388.34	-820.14	-584.26	152.46	478.98
		1561	13.52	7.43	-3.05	0.23	4.15	-4.86	443.25	-570.27	-279.73	152.71	458.32
1385	8	1749	21.03	9.46	-4.42	2.81	2.23	-6.93	280.11	-1206.91	-924.35	-2.46	583.38
		1750	26.21	9.88	-5.18	3.92	0.78	-7.36	265.30	-1564.40	-1345.49	46.39	593.82
		1562	29.83	7.83	-7.74	0.06	0.03	-7.79	496.22	-1663.66	-1382.24	214.81	727.07
		1598	25.04	9.43	-6.57	0.37	2.49	-7.93	580.11	-1266.82	-899.15	212.43	737.48
1385	32	1749	15.67	7.05	-3.27	2.11	1.67	-5.15	210.11	-898.34	-688.37	0.15	434.34
		1750	19.53	7.35	-3.84	2.93	0.59	-5.47	198.61	-1165.21	-1002.39	35.79	442.21
		1562	22.21	5.83	-5.74	0.08	0.02	-5.79	371.59	-1237.19	-1029.08	163.48	539.90
		1598	18.64	7.03	-4.87	0.31	1.85	-5.90	435.22	-940.60	-668.98	163.60	547.65
1385	37	1749	13.77	6.28	-2.84	1.90	1.54	-4.56	187.86	-787.03	-603.99	4.81	380.71
		1750	17.17	6.55	-3.35	2.64	0.57	-4.84	176.64	-1022.65	-880.37	34.36	387.81
		1562	19.48	5.21	-5.04	0.15	0.03	-5.13	330.72	-1081.35	-902.29	151.66	469.88
		1598	16.35	6.29	-4.27	0.35	1.67	-5.24	389.30	-818.76	-585.64	156.18	476.74
1386	8	1750	26.23	9.66	-4.96	3.96	0.73	-7.13	264.43	-1566.95	-1348.20	45.68	593.93
		1751	31.43	9.73	-5.06	4.82	-0.15	-6.97	246.16	-1927.41	-1759.07	77.82	581.00
		1597	34.59	6.36	-7.91	-0.39	-1.17	-7.13	415.46	-2047.21	-1838.08	206.33	686.50
		1562	29.83	7.68	-7.46	0.13	0.09	-7.57	495.44	-1665.18	-1384.99	215.25	725.86
1386	32	1750	19.55	7.19	-3.67	2.97	0.55	-5.29	197.95	-1167.13	-1004.43	35.25	442.30
		1751	23.42	7.24	-3.74	3.60	-0.10	-5.17	183.74	-1436.14	-1310.75	58.35	432.89
		1597	25.75	4.73	-5.86	-0.26	-0.87	-5.28	310.26	-1523.56	-1368.66	155.36	509.96
		1562	22.21	5.72	-5.52	0.14	0.06	-5.62	370.99	-1238.32	-1031.13	163.80	538.99
1386	37	1750	17.18	6.39	-3.18	2.67	0.54	-4.67	176.03	-1024.36	-882.19	33.85	387.89
		1751	20.59	6.44	-3.26	3.23	-0.05	-4.56	162.13	-1261.63	-1151.66	52.16	380.11
		1597	22.58	4.21	-5.12	-0.15	-0.76	-4.65	274.13	-1334.18	-1200.36	140.31	444.21
		1562	19.48	5.10	-4.83	0.21	0.06	-4.96	330.17	-1082.32	-904.08	151.92	469.04
1387	8	1751	31.44	9.57	-4.85	4.87	-0.16	-6.76	245.42	-1928.65	-1760.67	77.44	580.51
		1752	36.25	9.53	-4.52	5.56	-0.55	-6.33	223.84	-2264.40	-2136.51	95.95	549.43
		1563	38.98	5.16	-7.68	-0.90	-1.61	-6.41	344.98	-2392.64	-2238.24	190.58	631.54
		1597	34.58	6.18	-7.65	-0.33	-1.14	-6.90	414.53	-2047.90	-1839.18	205.81	685.86
1387	32	1751	23.43	7.11	-3.58	3.64	-0.11	-5.01	183.17	-1437.06	-1311.94	58.05	432.52
		1752	27.01	7.08	-3.34	4.15	-0.40	-4.68	166.49	-1687.52	-1592.04	71.01	409.76
		1563	29.02	3.82	-5.67	-0.65	-1.20	-4.74	256.76	-1781.26	-1666.59	142.08	469.63

		1597	25.75	4.59	-5.66	-0.21	-0.85	-5.11	309.56	-1524.07	-1369.47	154.97	509.49
1387	37	1751	20.59	6.31	-3.10	3.27	-0.06	-4.40	161.62	-1262.45	-1152.71	51.87	379.78
		1752	23.74	6.28	-2.88	3.71	-0.32	-4.11	145.53	-1483.11	-1398.87	61.29	360.70
		1563	25.43	3.39	-4.94	-0.50	-1.05	-4.15	224.81	-1561.26	-1461.48	125.02	410.20
		1597	22.57	4.07	-4.92	-0.10	-0.75	-4.49	273.51	-1334.62	-1201.05	139.94	443.80
1388	8	1752	36.25	9.39	-4.33	5.62	-0.56	-6.12	223.24	-2265.02	-2137.35	95.57	548.98
		1753	40.47	9.36	-3.78	6.22	-0.64	-5.60	200.98	-2560.37	-2463.99	104.60	506.79
		1596	42.81	4.22	-7.23	-1.35	-1.66	-5.72	287.81	-2689.16	-2575.63	174.28	570.15
		1563	38.97	4.98	-7.42	-0.84	-1.61	-6.19	344.48	-2392.83	-2238.53	190.19	631.30
1388	32	1752	27.01	6.97	-3.19	4.19	-0.41	-4.53	166.03	-1687.98	-1592.66	70.72	409.43
		1753	30.15	6.94	-2.78	4.63	-0.47	-4.14	148.91	-1908.21	-1836.00	76.70	378.58
		1596	31.87	3.12	-5.33	-0.98	-1.23	-4.23	213.38	-2002.35	-1917.70	128.72	424.75
		1563	29.01	3.69	-5.48	-0.60	-1.20	-4.57	256.39	-1781.40	-1666.81	141.79	469.46
1388	37	1752	23.74	6.17	-2.74	3.76	-0.32	-3.96	145.12	-1483.51	-1399.41	61.02	360.41
		1753	26.49	6.14	-2.38	4.13	-0.38	-3.62	128.81	-1677.33	-1613.03	64.52	334.65
		1596	27.93	2.75	-4.62	-0.80	-1.07	-3.68	184.90	-1755.79	-1681.33	110.44	372.78
		1563	25.43	3.25	-4.75	-0.45	-1.05	-3.99	224.49	-1561.37	-1461.65	124.77	410.05
1389	8	1753	40.47	9.24	-3.61	6.28	-0.65	-5.41	200.57	-2560.68	-2464.42	104.31	506.49
		1754	43.97	9.26	-3.01	6.84	-0.58	-4.89	179.89	-2806.70	-2734.63	107.82	458.32
		1564	46.00	3.49	-6.69	-1.67	-1.53	-5.09	243.36	-2931.63	-2848.85	160.58	505.93
		1596	42.81	4.04	-6.99	-1.28	-1.66	-5.51	287.62	-2689.20	-2575.68	174.10	570.11
1389	32	1753	30.15	6.85	-2.65	4.68	-0.48	-3.99	148.60	-1908.44	-1836.32	76.48	378.35
		1754	32.76	6.87	-2.20	5.09	-0.42	-3.61	132.75	-2091.81	-2037.53	78.48	343.20
		1564	34.24	2.57	-4.92	-1.22	-1.13	-3.75	179.69	-2183.05	-2120.98	117.61	377.92
		1596	31.87	2.98	-5.15	-0.93	-1.24	-4.06	213.24	-2002.38	-1917.73	128.59	424.72
1389	37	1753	26.49	6.05	-2.25	4.18	-0.38	-3.46	128.54	-1677.52	-1613.30	64.31	334.47
		1754	28.77	6.06	-1.86	4.53	-0.33	-3.13	113.61	-1838.73	-1789.76	64.63	305.31
		1564	30.00	2.25	-4.24	-1.01	-0.98	-3.24	153.97	-1914.58	-1859.16	98.55	334.03
		1596	27.93	2.61	-4.43	-0.74	-1.08	-3.52	184.79	-1755.81	-1681.35	110.33	372.76
1390	8	1754	43.97	9.16	-2.85	6.90	-0.59	-4.69	179.64	-2806.86	-2734.85	107.62	458.12
		1755	46.69	9.26	-2.29	7.43	-0.46	-4.22	161.84	-2998.33	-2945.02	108.53	406.96
		1595	48.45	2.88	-6.10	-1.87	-1.36	-4.48	209.88	-3117.13	-3057.77	150.51	440.44
		1564	45.99	3.30	-6.44	-1.60	-1.54	-4.87	243.31	-2931.63	-2848.84	160.52	505.97
1390	32	1754	32.76	6.79	-2.08	5.14	-0.43	-3.46	132.57	-2091.92	-2037.69	78.34	343.06
		1755	34.78	6.86	-1.67	5.52	-0.33	-3.10	118.98	-2234.56	-2194.13	78.55	305.81
		1595	36.06	2.11	-4.48	-1.37	-1.00	-3.29	154.34	-2321.23	-2276.35	109.47	330.25
		1564	34.24	2.43	-4.74	-1.17	-1.14	-3.58	179.66	-2183.06	-2120.96	117.57	377.95
1390	37	1754	28.77	5.98	-1.74	4.58	-0.34	-2.98	113.44	-1838.83	-1789.89	64.50	305.20
		1755	30.54	6.04	-1.38	4.90	-0.25	-2.67	100.76	-1964.08	-1926.92	63.60	274.50
		1595	31.59	1.83	-3.83	-1.14	-0.86	-2.83	130.78	-2035.84	-1994.97	89.91	294.79
		1564	30.00	2.11	-4.05	-0.95	-0.99	-3.08	153.96	-1914.58	-1859.15	98.52	334.06
1391	8	1755	46.69	9.17	-2.15	7.49	-0.47	-4.02	161.69	-2998.41	-2945.13	108.41	406.85
		1756	48.59	9.32	-1.67	7.99	-0.34	-3.59	147.32	-3132.18	-3093.46	108.59	354.28
		1565	50.11	2.33	-5.49	-1.97	-1.19	-3.89	185.58	-3243.85	-3202.47	144.20	374.42
		1595	48.45	2.69	-5.86	-1.80	-1.37	-4.27	209.89	-3117.13	-3057.74	150.49	440.54
1391	32	1755	34.78	6.80	-1.56	5.57	-0.34	-2.95	118.87	-2234.62	-2194.22	78.46	305.72
		1756	36.19	6.90	-1.21	5.93	-0.24	-2.63	107.94	-2334.21	-2304.55	78.28	267.51
		1565	37.30	1.71	-4.03	-1.44	-0.88	-2.85	135.97	-2415.52	-2383.91	104.36	282.24
		1595	36.06	1.97	-4.30	-1.31	-1.01	-3.13	154.35	-2321.22	-2276.33	109.46	330.32
1391	37	1755	30.54	5.97	-1.28	4.96	-0.26	-2.52	100.67	-1964.14	-1926.99	63.52	274.44
		1756	31.77	6.06	-0.97	5.26	-0.17	-2.24	90.57	-2051.43	-2023.48	62.62	243.09
		1565	32.67	1.45	-3.41	-1.20	-0.76	-2.42	114.07	-2118.43	-2088.82	84.46	255.38
		1595	31.59	1.69	-3.65	-1.08	-0.88	-2.66	130.80	-2035.84	-1994.95	89.91	294.84
1392	8	1756	48.59	9.26	-1.56	8.05	-0.35	-3.40	147.23	-3132.22	-3093.51	108.52	354.21
		1757	49.62	9.44	-1.17	8.50	-0.23	-3.01	136.42	-3206.40	-3179.07	109.09	300.99
		1594	51.00	1.81	-4.88	-2.00	-1.06	-3.31	169.06	-3310.55	-3283.04	141.55	308.21
		1565	50.11	2.14	-5.25	-1.90	-1.21	-3.68	185.60	-3243.85	-3202.44	144.19	374.54
1392	32	1756	36.19	6.85	-1.12	5.98	-0.25	-2.49	107.88	-2334.24	-2304.59	78.23	267.46
		1757	36.96	6.98	-0.84	6.31	-0.16	-2.20	99.70	-2389.36	-2368.14	78.48	228.81
		1594	37.96	1.32	-3.57	-1.47	-0.78	-2.42	123.52	-2465.05	-2443.70	102.17	234.12
		1565	37.30	1.56	-3.84	-1.39	-0.89	-2.69	135.98	-2415.52	-2383.89	104.35	282.33
1392	37	1756	31.77	6.01	-0.89	5.31	-0.18	-2.09	90.52	-2051.45	-2023.51	62.58	243.06
		1757	32.44	6.12	-0.64	5.57	-0.10	-1.84	83.08	-2099.57	-2078.89	62.40	211.45
		1594	33.24	1.10	-2.99	-1.22	-0.67	-2.02	102.82	-2161.58	-2140.79	82.04	215.96
		1565	32.67	1.31	-3.23	-1.15	-0.77	-2.26	114.08	-2118.43	-2088.81	84.46	255.45
1393	8	1757	49.62	9.39	-1.08	8.57	-0.25	-2.82	136.37	-3206.41	-3179.09	109.06	300.93
		1758	49.77	9.57	-0.78	8.95	-0.16	-2.46	129.07	-3219.87	-3201.49	110.69	247.40
		1566	51.03	1.30	-4.27	-2.00	-0.97	-2.74	159.42	-3316.46	-3299.52	142.48	242.03
		1594	51.00	1.62	-4.63	-1.93	-1.08	-3.10	169.06	-3310.55	-3283.01	141.53	308.32
1393	32	1757	36.96	6.95	-0.76	6.36	-0.17	-2.05	99.66	-2389.37	-2368.16	78.46	228.77
		1758	37.07	7.08	-0.55	6.64	-0.11	-1.79	94.20	-2399.19	-2384.64	79.65	189.92
		1566	37.97	0.94	-3.11	-1.46	-0.71	-1.99	116.29	-2469.22	-2455.76	102.83	186.05
		1594	37.95	1.17	-3.38	-1.41	-0.80	-2.25	123.52	-2465.05	-2443.68	102.15	234.20
1393	37	1757	32.44	6.09	-0.57	5.63	-0.11	-1.69	83.05	-2099.58	-2078.90	62.38	211.43
		1758	32.53	6.19	-0.39	5.85	-0.05	-1.46	78.22	-2107.81	-2092.93	63.35	179.71
		1566	33.24	0.75	-2.57	-1.21	-0.61	-1.63	96.43	-2164.79	-2150.91	82.55	176.62
		1594	33.23	0.95	-2.80	-1.17	-0.68	-1.86	102.83	-2161.58	-2140.78	82.03	216.03

1394	8	1758	49.77	9.55	-0.71	9.02	-0.18	-2.27	129.04	-3219.85	-3201.48	110.68	247.34
		1759	49.03	9.71	-0.50	9.33	-0.12	-1.93	125.21	-3172.07	-3160.65	113.79	193.69
		1593	50.19	0.79	-3.67	-1.97	-0.92	-2.16	156.26	-3261.07	-3251.97	147.16	176.12
		1566	51.03	1.11	-4.02	-1.92	-0.99	-2.52	159.40	-3316.45	-3299.50	142.45	242.14
1394	32	1758	37.07	7.06	-0.49	6.69	-0.12	-1.64	94.18	-2399.18	-2384.64	79.63	189.87
		1759	36.51	7.18	-0.34	6.91	-0.07	-1.39	91.38	-2363.32	-2354.01	82.06	150.93
		1593	37.34	0.55	-2.66	-1.44	-0.67	-1.56	114.00	-2427.67	-2420.14	106.47	138.17
		1566	37.97	0.79	-2.92	-1.40	-0.73	-1.82	116.27	-2469.22	-2455.75	102.81	186.12
1394	37	1758	32.53	6.18	-0.34	5.90	-0.07	-1.31	78.21	-2107.80	-2092.93	63.34	179.68
		1759	32.04	6.27	-0.22	6.08	-0.02	-1.10	75.94	-2075.79	-2065.58	65.73	147.87
		1593	32.68	0.39	-2.15	-1.18	-0.58	-1.23	94.61	-2127.74	-2119.20	86.08	137.45
		1566	33.24	0.60	-2.38	-1.16	-0.62	-1.47	96.41	-2164.79	-2150.90	82.52	176.68
1395	8	1759	49.03	9.70	-0.44	9.39	-0.13	-1.74	125.19	-3172.03	-3160.62	113.78	193.64
		1760	47.40	9.83	-0.31	9.62	-0.11	-1.41	124.78	-3063.00	-3056.84	118.61	140.04
		1567	48.47	0.25	-3.09	-1.93	-0.91	-1.59	159.68	-3144.16	-3140.44	155.96	110.80
		1593	50.18	0.59	-3.42	-1.90	-0.93	-1.95	156.21	-3261.05	-3251.94	147.10	176.22
1395	32	1759	36.51	7.18	-0.30	6.96	-0.09	-1.24	91.36	-2363.29	-2353.98	82.05	150.89
		1760	35.29	7.26	-0.20	7.13	-0.07	-1.00	91.21	-2281.74	-2276.44	85.92	111.95
		1567	36.06	0.15	-2.23	-1.40	-0.67	-1.13	116.72	-2340.22	-2336.87	113.37	90.73
		1593	37.34	0.40	-2.47	-1.38	-0.69	-1.39	113.96	-2427.66	-2420.12	106.42	138.24
1395	37	1759	32.04	6.27	-0.18	6.13	-0.04	-0.95	75.92	-2075.77	-2065.56	65.72	147.85
		1760	30.96	6.34	-0.10	6.25	-0.02	-0.74	76.21	-2003.51	-1997.02	69.72	115.98
		1567	31.55	0.03	-1.75	-1.15	-0.57	-0.84	97.47	-2050.27	-2045.73	92.93	98.66
		1593	32.68	0.25	-1.96	-1.13	-0.59	-1.07	94.57	-2127.73	-2119.19	86.03	137.52
1396	8	1760	47.40	9.84	-0.27	9.69	-0.12	-1.22	124.77	-3062.92	-3056.76	118.61	139.97
		1761	44.89	9.92	-0.23	9.84	-0.15	-0.89	127.80	-2893.19	-2890.70	125.31	86.77
		1592	45.88	-0.31	-2.54	-1.87	-0.98	-1.02	170.28	-2965.76	-2965.06	169.59	46.60
		1567	48.46	0.06	-2.85	-1.86	-0.93	-1.38	159.60	-3144.14	-3140.41	155.87	110.89
1396	32	1760	35.29	7.28	-0.18	7.18	-0.08	-0.85	91.21	-2281.68	-2276.39	85.92	111.91
		1761	33.42	7.33	-0.15	7.28	-0.10	-0.61	93.72	-2154.83	-2152.44	91.34	73.20
		1592	34.13	-0.26	-1.81	-1.36	-0.72	-0.70	124.92	-2206.89	-2206.05	124.08	44.09
		1567	36.05	6.12e-03	-2.04	-1.35	-0.68	-0.97	116.66	-2340.21	-2336.85	113.30	90.79
1396	37	1760	30.96	6.35	-0.09	6.30	-0.03	-0.59	76.20	-2003.46	-1996.97	69.72	115.95
		1761	29.30	6.39	-0.07	6.37	-0.05	-0.37	79.09	-1891.27	-1887.67	75.49	84.15
		1592	29.84	-0.35	-1.37	-1.10	-0.61	-0.45	105.45	-1932.37	-1930.57	103.65	60.51
		1567	31.54	-0.12	-1.57	-1.09	-0.59	-0.68	97.41	-2050.25	-2045.71	92.86	98.71
1397	8	1761	44.89	9.95	-0.22	9.91	-0.17	-0.70	127.80	-2893.06	-2890.57	125.32	86.64
		1762	41.51	10.00	-0.29	9.99	-0.28	-0.32	134.30	-2663.88	-2663.45	133.88	34.51
		1568	42.44	-0.91	-2.03	-1.78	-1.16	-0.46	189.12	-2726.07	-2725.99	189.04	-15.61
		1592	45.88	-0.49	-2.30	-1.80	-0.99	-0.81	170.17	-2965.72	-2965.03	169.48	46.63
1397	32	1761	33.42	7.36	-0.14	7.33	-0.11	-0.46	93.72	-2154.73	-2152.35	91.34	73.11
		1762	30.90	7.39	-0.20	7.39	-0.20	-0.18	98.94	-1983.49	-1982.90	98.35	35.12
		1568	31.56	-0.71	-1.43	-1.29	-0.85	-0.28	139.41	-2027.82	-2027.82	139.41	-1.10
		1592	34.12	-0.41	-1.63	-1.31	-0.73	-0.54	124.83	-2206.86	-2206.03	123.99	44.12
1397	37	1761	29.30	6.43	-0.07	6.42	-0.06	-0.22	79.08	-1891.18	-1887.58	75.49	84.09
		1762	27.08	6.44	-0.13	6.44	-0.13	0.01	84.62	-1739.83	-1738.31	83.10	52.69
		1568	27.58	-0.71	-1.04	-1.03	-0.72	-0.06	119.34	-1774.14	-1773.85	119.05	23.52
		1592	29.84	-0.48	-1.19	-1.05	-0.62	-0.29	105.36	-1932.35	-1930.55	103.56	60.53
1398	8	1762	41.51	10.06	-0.30	10.05	-0.30	-0.13	134.32	-2663.64	-2663.22	133.90	34.36
		1763	37.31	10.11	-0.56	10.10	-0.55	0.32	144.23	-2377.36	-2377.27	144.14	-15.29
		1591	38.16	-1.45	-1.68	-1.61	-1.52	0.11	217.64	-2425.62	-2423.54	215.56	-74.16
		1568	42.43	-1.08	-1.81	-1.72	-1.17	-0.24	188.99	-2726.02	-2725.94	188.90	-15.61
1398	32	1762	30.90	7.43	-0.21	7.43	-0.21	-0.04	98.95	-1983.31	-1982.73	98.36	35.01
		1763	27.76	7.47	-0.40	7.46	-0.39	0.29	106.84	-1769.42	-1769.42	106.84	-1.27
		1591	28.36	-0.99	-1.28	-1.16	-1.11	0.15	161.31	-1803.36	-1802.39	160.34	-43.64
		1568	31.55	-0.83	-1.27	-1.24	-0.86	-0.12	139.30	-2027.78	-2027.78	139.30	-1.10
1398	37	1762	27.08	6.49	-0.14	6.49	-0.14	0.16	84.63	-1739.68	-1738.16	83.11	52.61
		1763	24.32	6.51	-0.31	6.48	-0.28	0.44	92.84	-1550.63	-1550.33	92.54	22.39
		1591	24.78	-0.59	-1.26	-0.91	-0.94	0.33	140.23	-1575.86	-1575.79	140.16	-11.32
		1568	27.58	-0.69	-1.02	-0.98	-0.73	0.10	119.23	-1774.11	-1773.82	118.94	23.52
1399	8	1763	37.31	10.18	-0.58	10.16	-0.56	0.50	144.28	-2376.95	-2376.85	144.18	-15.59
		1764	32.35	10.32	-1.11	10.21	-1.01	1.11	157.32	-2037.54	-2035.89	155.67	-60.12
		1569	33.09	-0.88	-2.56	-1.25	-2.19	0.70	257.41	-2065.20	-2058.33	250.54	-126.19
		1591	38.15	-1.22	-1.86	-1.55	-1.53	0.32	217.51	-2425.53	-2423.44	215.42	-74.30
1399	32	1763	27.76	7.53	-0.42	7.50	-0.40	0.44	106.87	-1769.11	-1769.11	106.87	-1.49
		1764	24.06	7.62	-0.81	7.53	-0.72	0.88	117.25	-1515.50	-1514.78	116.54	-34.16
		1569	24.58	-0.56	-1.93	-0.90	-1.60	0.59	191.84	-1534.09	-1530.24	187.99	-81.46
		1591	28.36	-0.81	-1.43	-1.11	-1.12	0.31	161.20	-1803.29	-1802.32	160.23	-43.75
1399	37	1763	24.31	6.58	-0.34	6.53	-0.29	0.59	92.86	-1550.36	-1550.06	92.56	22.22
		1764	21.05	6.64	-0.68	6.51	-0.55	0.96	103.64	-1326.13	-1326.11	103.62	-5.27
		1569	21.46	-0.20	-1.81	-0.68	-1.32	0.74	169.34	-1337.95	-1336.76	168.15	-42.33
		1591	24.77	-0.41	-1.40	-0.86	-0.95	0.49	140.12	-1575.80	-1575.73	140.04	-11.41
1400	8	1764	32.34	10.42	-1.17	10.27	-1.02	1.29	157.38	-2036.81	-2035.14	155.71	-60.57
		1765	26.74	10.75	-2.08	10.38	-1.70	2.15	172.89	-1651.08	-1646.08	167.89	-95.37
		1590	27.40	0.02	-3.85	-0.56	-3.28	1.38	309.43	-1646.29	-1632.04	295.17	-166.36
		1569	33.09	-0.66	-2.73	-1.19	-2.20	0.91	257.34	-2064.99	-2058.07	250.42	-126.54
1400	32	1764	24.05	7.70	-0.86	7.58	-0.73	1.02	117.29	-1514.96	-1514.23	116.57	-34.48

		1765	19.87	7.94	-1.52	7.64	-1.22	1.65	129.68	-1226.66	-1223.99	127.01	-60.14
		1590	20.35	0.10	-2.87	-0.39	-2.38	1.10	231.83	-1221.06	-1212.59	223.36	-110.65
		1569	24.58	-0.39	-2.06	-0.85	-1.60	0.75	191.78	-1533.93	-1530.05	187.90	-81.72
1400	37	1764	21.05	6.73	-0.73	6.56	-0.56	1.11	103.67	-1325.64	-1325.62	103.65	-5.54
		1765	17.36	6.91	-1.29	6.58	-0.95	1.63	116.65	-1070.60	-1069.96	116.01	-27.46
		1590	17.74	0.37	-2.57	-0.25	-1.95	1.20	207.59	-1061.27	-1057.81	204.13	-66.24
		1569	21.46	-0.02	-1.95	-0.63	-1.33	0.90	169.26	-1337.81	-1336.61	168.05	-42.54
1401	8	1766	20.63	11.70	-3.66	10.71	-2.67	3.77	189.73	-1226.91	-1217.61	180.43	-114.35
		1767	14.42	12.90	-5.42	10.98	-3.51	5.60	206.67	-790.70	-779.56	195.53	-104.80
		1589	14.75	3.96	-8.25	2.58	-6.86	3.88	442.37	-650.06	-624.55	416.87	-164.97
		1570	21.17	1.72	-5.87	0.76	-4.90	2.53	372.58	-1170.64	-1147.78	349.72	-186.42
1401	32	1766	15.31	8.64	-2.69	7.88	-1.92	2.85	143.26	-909.54	-904.27	137.99	-74.30
		1767	10.68	9.50	-3.97	8.06	-2.52	4.17	157.26	-583.48	-577.28	151.05	-67.51
		1589	10.94	2.97	-6.04	1.89	-4.96	2.93	334.99	-476.49	-461.54	320.03	-109.15
		1570	15.70	1.35	-4.33	0.57	-3.55	1.95	280.54	-865.53	-851.69	266.71	-125.16
1401	37	1766	13.34	7.52	-2.29	6.74	-1.50	2.66	131.20	-789.88	-788.14	129.46	-39.96
		1767	9.27	8.20	-3.33	6.83	-1.97	3.73	147.04	-501.46	-499.58	145.17	-34.80
		1589	9.56	2.75	-5.10	1.62	-3.96	2.76	308.79	-403.29	-397.50	303.00	-63.95
		1570	13.68	1.44	-3.77	0.55	-2.88	1.96	254.61	-746.88	-740.77	248.49	-78.01
1402	8	1767	14.36	13.02	-5.61	11.02	-3.61	5.77	206.81	-786.21	-775.05	195.65	-104.67
		1768	8.58	14.72	-7.49	11.15	-3.92	8.16	224.67	-367.23	-361.25	218.69	-59.18
		1571	9.27	7.68	-11.15	5.02	-8.50	6.56	511.97	-103.02	-92.19	501.14	-80.87
		1589	14.73	4.28	-8.45	2.77	-6.94	4.12	440.82	-647.94	-621.45	414.33	-167.75
1402	32	1767	10.63	9.60	-4.11	8.09	-2.59	4.30	157.37	-580.11	-573.89	151.16	-67.41
		1768	6.34	10.83	-5.47	8.16	-2.81	6.03	172.90	-267.54	-264.89	170.25	-34.09
		1571	6.95	5.68	-8.14	3.67	-6.13	4.88	391.42	-69.05	-64.23	386.60	-46.87
		1589	10.92	3.21	-6.20	2.03	-5.02	3.11	333.75	-474.85	-459.25	318.14	-111.25
1402	37	1767	9.23	8.31	-3.47	6.86	-2.02	3.87	147.16	-498.44	-496.56	145.29	-34.71
		1768	5.52	9.27	-4.56	6.86	-2.16	5.24	166.64	-223.71	-223.59	166.52	-6.84
		1571	6.30	4.99	-6.77	3.06	-4.84	4.35	370.50	-47.36	-47.11	370.25	-10.23
		1589	9.53	2.97	-5.25	1.74	-4.02	2.94	307.51	-401.71	-395.54	301.35	-65.84
1403	21	1768	7.93	12.77	-6.45	9.42	-3.09	7.30	273.04	-298.33	-296.72	271.43	30.33
		1769	5.65	14.14	-7.52	8.86	-2.24	9.30	360.85	-4.15	27.18	329.52	102.23
		1588	11.01	10.97	-11.17	6.14	-6.34	9.14	825.49	318.46	408.18	735.78	193.49
		1571	9.58	7.01	-9.53	4.37	-6.89	6.06	582.68	-49.59	-48.38	581.47	27.57
1403	35	1768	5.95	9.55	-4.80	7.02	-2.26	5.47	207.11	-222.57	-221.00	205.55	25.88
		1769	4.31	10.55	-5.58	6.59	-1.62	6.95	274.62	-3.32	21.64	249.67	79.45
		1588	8.36	8.20	-8.29	4.55	-4.64	6.84	625.81	237.47	306.96	556.31	148.86
		1571	7.22	5.27	-7.09	3.25	-5.07	4.57	440.82	-36.45	-35.15	439.52	24.87
1403	37	1768	5.44	9.42	-4.72	6.90	-2.21	5.41	167.67	-216.83	-216.78	167.62	-4.46
		1769	3.31	10.39	-5.48	6.47	-1.57	6.84	212.54	-6.64	3.54	202.36	46.13
		1588	6.65	8.11	-8.16	4.48	-4.52	6.78	501.82	220.37	261.62	460.56	99.55
		1571	6.26	5.25	-6.99	3.23	-4.97	4.54	365.58	-48.33	-47.82	365.08	-14.49
1404	21	1769	5.67	14.53	-7.70	9.11	-2.28	9.55	365.22	10.23	46.70	328.75	107.78
		1710	8.48	15.39	-7.77	7.38	0.25	11.02	562.69	108.35	243.74	427.30	207.80
		1559	17.15	15.90	-11.21	7.03	-2.34	12.72	1233.10	378.42	676.18	935.34	407.22
		1588	10.89	11.12	-11.62	6.01	-6.51	9.49	815.73	307.28	389.96	733.04	187.63
1404	35	1769	4.32	10.85	-5.72	6.78	-1.65	7.14	278.00	7.38	36.30	249.08	83.60
		1710	6.43	11.47	-5.77	5.48	0.23	8.21	426.66	80.71	183.86	323.51	158.26
		1559	12.96	11.85	-8.31	5.21	-1.67	9.47	931.64	283.13	507.84	706.93	308.60
		1588	8.27	8.31	-8.62	4.46	-4.77	7.10	618.46	229.11	293.29	554.28	144.46
1404	37	1769	3.31	10.68	-5.62	6.66	-1.60	7.03	214.48	3.93	16.50	201.91	49.89
		1710	5.16	11.27	-5.66	5.36	0.25	8.07	339.70	75.65	151.49	263.87	119.47
		1559	10.75	11.68	-8.16	5.09	-1.56	9.34	772.07	258.61	443.65	587.03	246.52
		1588	6.57	8.23	-8.49	4.38	-4.64	7.04	495.71	212.37	249.55	458.54	95.67
1405	21	1559	16.90	17.15	-10.67	8.01	-1.52	13.07	1209.98	366.00	643.96	932.02	396.65
		1807	22.95	20.71	-9.04	5.49	6.19	14.87	1576.81	284.25	672.85	1188.21	592.69
		1815	44.84	23.36	-11.08	5.49	6.78	17.21	3060.31	347.76	1146.30	2261.78	1236.29
		1587	33.49	11.54	-17.35	3.43	-9.24	12.98	2452.65	687.27	1415.82	1724.09	869.13
1405	35	1559	12.77	12.80	-7.91	5.95	-1.06	9.75	914.32	273.58	483.44	704.46	300.71
		1807	17.31	15.42	-6.69	4.07	4.66	11.05	1189.58	213.27	505.56	897.28	447.14
		1815	33.79	17.40	-8.20	4.10	5.11	12.79	2306.05	260.19	859.78	1706.46	931.22
		1587	25.26	8.61	-12.81	2.54	-6.75	9.65	1849.26	515.09	1062.63	1301.71	656.28
1405	37	1559	10.58	12.61	-7.74	5.82	-0.95	9.59	756.55	251.62	423.56	584.61	239.28
		1807	14.63	15.12	-6.59	3.90	4.63	10.84	1001.54	190.88	441.56	750.87	374.67
		1815	28.86	17.15	-7.98	3.87	5.30	12.54	1967.33	239.10	765.03	1441.40	795.19
		1587	21.38	8.60	-12.67	2.37	-6.45	9.68	1566.87	464.71	939.16	1092.42	545.73
1406	21	1807	23.52	21.61	-9.05	5.77	6.78	15.33	1590.76	229.14	630.26	1189.63	620.71
		1812	28.40	25.13	-3.36	3.23	18.54	12.01	1847.80	89.71	421.39	1516.12	687.83
		1816	52.06	36.31	-5.18	2.88	28.25	16.41	3337.26	-8.09	579.41	2749.76	1272.88
		1815	44.65	22.90	-11.45	5.13	6.32	17.16	3073.33	406.75	1180.46	2299.62	1210.18
1406	35	1807	17.74	16.10	-6.72	4.29	5.10	11.40	1200.10	171.48	473.28	898.30	468.36
		1812	21.40	18.70	-2.48	2.40	13.82	8.92	1393.30	67.28	316.62	1143.96	518.13
		1816	39.21	27.01	-3.84	2.15	21.02	12.20	2514.30	-6.26	434.88	2073.16	957.77
		1815	33.64	17.06	-8.46	3.83	4.77	12.75	2315.81	305.16	885.97	1734.99	911.30
1406	37	1807	14.99	15.80	-6.54	4.19	5.07	11.16	1010.45	156.97	415.28	752.14	392.09
		1812	18.23	18.32	-2.47	2.29	13.56	8.73	1180.26	61.35	276.88	964.73	441.25

		1816	33.67	26.36	-3.67	2.01	20.68	11.75	2149.68	-2.18	384.72	1762.78	826.36
		1815	28.76	16.77	-8.34	3.48	4.95	12.54	1976.12	273.79	784.12	1465.79	779.95
1407	22	1812	30.42	27.94	-4.81	2.79	20.34	13.83	1915.22	-23.15	386.71	1505.36	791.51
		1806	28.76	33.35	9.91e-03	0.21	33.14	2.59	1790.03	-35.24	20.99	1733.80	315.39
		1811	51.40	60.68	-0.53	-0.06	60.21	5.34	3184.03	-81.44	18.28	3084.31	561.86
1407	36	1816	55.02	40.44	-4.77	3.84	31.83	17.75	3468.66	-109.87	591.40	2767.38	1420.48
		1812	22.94	20.62	-3.54	2.05	15.03	10.19	1445.42	-17.87	290.13	1137.42	596.51
		1806	21.68	24.58	0.01	0.16	24.43	1.90	1351.50	-26.38	15.90	1309.22	237.64
		1811	38.70	44.72	-0.39	-0.05	44.38	3.93	2401.14	-60.93	13.89	2326.32	422.62
1407	37	1816	41.43	29.85	-3.49	2.86	23.50	13.09	2613.90	-82.50	443.08	2088.31	1068.15
		1812	19.65	18.73	-3.18	1.84	13.71	9.21	1235.53	-13.58	250.72	971.23	510.19
		1806	18.60	22.26	8.11e-03	0.14	22.13	1.72	1155.40	-22.77	13.48	1119.15	203.46
		1811	33.29	40.33	-0.35	-0.04	40.02	3.52	2058.77	-52.91	11.66	1994.20	363.57
		1816	35.61	27.01	-3.13	2.52	21.36	11.76	2242.98	-69.93	384.46	1788.59	918.96
1408	21	1587	33.38	16.65	-14.37	7.51	-5.23	14.14	2371.07	505.75	1368.65	1508.17	930.04
		1815	42.65	20.04	-11.41	4.26	4.37	15.73	3042.70	665.16	1406.05	2301.81	1101.17
		1818	84.12	22.29	-16.96	-2.45	7.78	18.95	5437.05	-134.68	1472.23	3830.14	2524.10
		1586	67.34	-8.88	-25.85	-11.94	-22.78	6.53	5037.71	1569.82	2858.96	3748.56	1675.93
1408	35	1587	25.18	12.46	-10.63	5.60	-3.77	10.55	1787.40	376.53	1024.31	1139.62	703.08
		1815	32.12	14.89	-8.41	3.16	3.33	11.65	2292.31	501.04	1056.69	1736.66	828.60
		1818	63.36	16.68	-12.57	-1.72	5.83	14.13	4094.48	-104.67	1101.64	2888.17	1900.07
		1586	50.71	-6.59	-19.04	-8.84	-16.79	4.79	3793.90	1180.86	2147.66	2827.10	1261.58
1408	37	1587	21.31	12.43	-10.33	5.52	-3.42	10.47	1517.13	358.23	926.49	948.87	579.34
		1815	27.54	14.51	-8.44	2.62	3.45	11.47	1958.91	433.14	924.86	1467.19	713.07
		1818	54.40	17.23	-12.11	-1.69	6.81	14.04	3517.80	-61.88	1002.59	2453.33	1636.26
		1586	43.44	-5.90	-19.16	-8.82	-16.24	5.49	3256.15	1033.01	1890.01	2399.15	1082.02
1409	22	1815	44.68	27.55	-15.77	6.09	5.69	21.66	2994.00	267.28	1178.26	2083.02	1286.12
		1816	53.17	41.35	-2.25	5.63	33.47	16.78	3446.92	88.85	720.64	2815.14	1312.41
		1819	83.99	44.29	-9.54	-0.70	35.45	19.95	5246.15	-360.16	356.94	4529.05	1872.45
		1818	82.23	14.11	-11.87	-5.58	7.82	11.13	5617.81	426.04	1717.69	4326.16	2244.46
1409	36	1815	33.67	20.37	-11.59	4.52	4.26	15.98	2256.73	198.59	881.74	1573.58	969.19
		1816	40.04	30.53	-1.59	4.20	24.74	12.35	2597.92	66.75	540.02	2124.65	986.89
		1819	63.22	32.66	-7.10	-0.47	26.03	14.82	3951.54	-270.47	266.14	3414.93	1406.28
		1818	61.92	10.39	-8.60	-4.02	5.81	8.12	4231.18	319.23	1284.74	3265.67	1686.66
1409	37	1815	28.89	18.60	-10.25	4.18	4.17	14.42	1934.76	176.64	766.74	1344.65	830.21
		1816	34.42	27.66	-1.49	3.67	22.51	11.12	2228.91	58.95	468.61	1819.25	849.19
		1819	54.41	29.48	-6.22	-0.52	23.78	13.08	3396.04	-232.69	233.21	2930.13	1213.91
		1818	53.26	10.04	-8.11	-4.12	6.05	7.51	3636.70	279.78	1119.99	2796.49	1454.15
1410	22	1816	56.49	41.41	-6.93	3.00	31.49	19.53	3536.47	-153.83	619.31	2763.32	1501.80
		1811	53.09	62.15	0.33	0.69	61.78	4.75	3298.57	-72.97	32.10	3193.50	585.83
		1810	77.00	97.47	-0.48	0.37	96.63	9.05	4762.34	-92.06	15.57	4654.72	714.75
		1819	85.67	48.96	-4.56	2.75	41.65	18.39	5367.29	-330.59	481.15	4555.55	1991.55
1410	36	1816	42.53	30.58	-5.11	2.23	23.24	14.42	2664.71	-115.53	464.00	2085.18	1129.33
		1811	39.98	45.80	0.25	0.51	45.53	3.49	2487.25	-54.52	24.30	2408.44	440.59
		1810	57.96	72.01	-0.37	0.26	71.38	6.72	3589.59	-68.79	11.83	3508.98	537.06
		1819	64.47	36.17	-3.36	2.11	30.71	13.64	4042.36	-247.74	359.39	3435.23	1495.34
1410	37	1816	36.57	27.68	-4.53	2.00	21.15	12.95	2287.13	-98.38	402.68	1786.07	971.71
		1811	34.39	41.36	0.21	0.46	41.11	3.15	2133.12	-47.42	20.63	2065.07	379.15
		1810	49.90	64.54	-0.30	0.25	63.98	5.95	3081.56	-60.01	9.83	3011.72	463.18
		1819	55.50	32.66	-3.03	1.69	27.94	12.09	3474.45	-213.63	313.77	2947.05	1291.10
1411	21	1586	126.82	7.25	-43.10	-33.59	-2.26	19.71	6358.46	-3191.25	4231.27	-1064.06	3973.55
		1818	112.36	13.35	-8.48	7.43	-2.56	-9.70	8127.86	1624.20	2659.51	7092.55	2379.38
		1805	76.13	22.71	-64.83	-46.04	3.92	35.94	3594.61	-1906.58	-906.41	2594.44	2121.74
		52	284.21	22.62	-74.82	-6.10	-46.10	-44.42	1.996e+04	2653.11	2713.24	1.990e+04	1018.42
1411	35	1586	95.44	5.56	-31.97	-24.89	-1.52	14.69	4775.41	-2413.66	3156.79	-795.04	3002.74
		1818	84.59	10.26	-6.45	5.72	-1.91	-7.44	6120.40	1226.50	1999.23	5347.66	1784.54
		1805	57.34	17.08	-48.71	-34.49	2.85	27.08	2707.80	-1435.84	-685.18	1957.14	1595.92
		52	214.04	17.09	-55.56	-4.40	-34.06	-33.16	1.504e+04	2009.26	2052.04	1.500e+04	745.41
1411	37	1586	82.48	4.81	-31.25	-24.61	-1.83	13.98	4199.67	-2000.47	2935.56	-736.36	2497.94
		1818	72.80	8.51	-4.26	4.91	-0.66	-5.75	5264.91	1035.84	1751.02	4549.73	1585.27
		1805	49.26	14.81	-42.74	-30.98	3.05	23.20	2325.61	-1230.68	-567.82	1662.75	1384.90
		52	183.98	15.93	-51.43	-4.37	-31.13	-30.91	1.289e+04	1660.52	1717.73	1.283e+04	799.51
1412	21	1818	101.25	8.00	-29.24	-7.35	-13.89	18.33	6456.62	-439.83	1524.55	4492.24	3112.63
		1819	93.19	52.07	10.16	13.28	48.95	11.02	5823.21	-446.26	242.13	5134.83	1960.09
		1809	76.20	0.31	-28.07	-26.32	-1.44	6.84	4877.98	-290.00	-190.80	4778.78	709.10
		1805	112.73	35.86	-46.80	-36.19	25.25	-27.64	7388.95	-27.38	68.76	7292.80	838.92
1412	35	1818	76.20	5.94	-21.83	-5.39	-10.50	13.65	4860.17	-330.78	1142.60	3386.78	2340.39
		1819	70.15	38.83	7.70	10.03	36.50	8.19	4385.41	-334.92	181.21	3869.28	1473.06
		1809	57.40	-0.14	-21.12	-19.77	-1.49	5.15	3675.89	-218.91	-144.81	3601.79	532.09
		1805	84.95	26.95	-35.07	-27.12	19.00	-20.73	5567.79	-21.07	50.46	5496.26	628.22
1412	37	1818	65.77	4.79	-19.44	-6.34	-8.32	12.07	4192.13	-283.26	1026.16	2882.72	2036.07
		1819	60.53	37.46	6.20	8.36	35.31	7.92	3767.94	-293.74	165.27	3308.93	1285.95
		1809	49.20	3.36	-18.34	-17.45	2.47	4.30	3138.78	-185.20	-117.64	3071.23	469.02
		1805	72.69	24.01	-30.23	-23.48	17.25	-17.91	4766.30	-9.92	57.72	4698.67	564.34
1413	22	1819	93.32	47.20	-3.39	8.93	34.87	21.71	5714.83	-641.99	321.42	4751.42	2279.49
		1810	84.88	106.33	2.22	3.52	105.02	11.60	5252.55	-111.68	24.59	5116.27	844.05
		1804	78.22	136.86	-1.89	-1.13	136.10	10.23	4770.32	30.04	72.84	4727.51	448.40

		1809	81.55	28.78	-22.20	-22.09	28.67	2.39	5197.45	-206.70	-84.34	5075.09	803.91
1413	36	1819	70.20	34.93	-2.51	6.80	25.62	16.18	4302.72	-480.65	239.67	3582.41	1710.75
		1810	63.87	78.64	1.65	2.63	77.67	8.62	3957.34	-83.28	18.78	3855.28	634.04
		1804	58.91	101.67	-1.42	-0.85	101.10	7.66	3597.15	22.42	54.39	3565.19	336.53
		1809	61.45	20.91	-16.66	-16.57	20.82	1.81	3918.58	-156.20	-65.41	3827.79	601.44
1413	37	1819	60.47	31.35	-2.15	5.67	23.52	14.17	3700.53	-415.79	210.15	3074.58	1478.10
		1810	55.01	70.34	1.46	2.31	69.49	7.60	3399.57	-72.70	15.71	3311.16	546.97
		1804	50.63	89.98	-1.24	-0.74	89.48	6.68	3083.26	19.27	47.06	3055.46	290.49
		1809	52.79	19.67	-14.36	-14.29	19.60	1.53	3361.22	-133.58	-53.99	3281.62	521.39
1414	21	1683	2.31	10.72	0.10	10.69	0.13	0.60	77.86	-89.67	0.04	-11.85	83.55
		1823	2.74	4.71	-0.04	4.69	-0.02	0.30	141.39	-47.89	109.39	-15.89	70.95
		1831	6.26	10.28	-3.36	5.56	1.36	6.49	356.59	-40.08	155.51	161.00	198.32
		1711	5.36	12.99	-4.16	8.74	0.09	7.40	261.02	-87.76	65.18	108.08	173.07
1414	35	1683	1.76	7.97	0.07	7.94	0.10	0.45	60.21	-67.46	1.72	-8.97	63.61
		1823	2.08	3.49	-0.03	3.48	-0.01	0.22	107.69	-36.30	83.41	-12.01	53.91
		1831	4.74	7.64	-2.49	4.13	1.02	4.82	270.47	-30.63	117.75	122.09	150.53
		1711	4.08	9.68	-3.09	6.51	0.07	5.52	199.27	-66.76	50.32	82.20	132.06
1414	37	1683	1.36	7.82	0.07	7.79	0.10	0.44	36.76	-60.71	-16.61	-7.34	48.51
		1823	1.60	3.42	-0.02	3.41	-0.01	0.21	79.88	-29.47	60.33	-9.93	41.90
		1831	3.81	7.50	-2.44	4.05	1.00	4.73	213.59	-22.65	93.25	97.68	118.10
		1711	3.13	9.50	-3.04	6.38	0.08	5.42	145.79	-52.83	29.02	63.94	97.76
1415	21	1823	2.85	4.63	-0.11	4.58	-0.06	0.52	145.93	-51.10	110.90	-16.07	75.32
		1828	2.17	0.44	-0.22	0.42	-0.21	-0.10	121.77	-36.09	105.20	-19.52	48.39
		1832	6.21	6.51	-1.37	2.40	2.74	3.93	380.03	-20.58	122.65	236.79	192.00
		1831	6.27	10.53	-3.48	5.61	1.44	6.68	356.19	-40.68	154.24	161.27	198.40
1415	35	1823	2.16	3.44	-0.08	3.40	-0.04	0.39	111.11	-38.70	84.56	-12.15	57.21
		1828	1.64	0.32	-0.16	0.31	-0.15	-0.08	92.32	-27.33	79.73	-14.74	36.72
		1832	4.70	4.83	-1.01	1.78	2.04	2.92	287.53	-15.72	92.62	179.19	145.32
		1831	4.75	7.83	-2.58	4.17	1.08	4.97	270.16	-31.07	116.80	122.29	150.59
1415	37	1823	1.67	3.37	-0.08	3.33	-0.04	0.38	82.78	-31.59	61.23	-10.05	44.72
		1828	1.30	0.31	-0.16	0.30	-0.15	-0.08	72.82	-22.16	62.96	-12.30	28.96
		1832	3.85	4.74	-0.99	1.74	2.01	2.86	233.89	-11.40	76.23	146.25	117.54
		1831	3.82	7.69	-2.53	4.09	1.06	4.88	213.35	-23.07	92.37	97.91	118.18
1416	21	1828	2.14	0.49	-0.10	0.49	-0.10	-0.02	118.43	-38.37	95.09	-15.03	55.81
		1822	0.36	-0.02	-0.83	-0.34	-0.51	-0.40	2.97	-20.21	0.95	-18.19	-6.54
		1827	5.14	1.69	-0.19	-0.19	1.69	0.08	330.51	-12.40	7.78	310.33	80.70
		1832	6.75	6.81	-1.38	2.29	3.14	4.08	401.91	-43.11	112.38	246.42	212.18
1416	35	1828	1.62	0.36	-0.07	0.36	-0.07	-0.01	89.80	-29.05	72.09	-11.35	42.32
		1822	0.27	-0.01	-0.62	-0.26	-0.37	-0.30	2.21	-15.24	0.69	-13.72	-4.92
		1827	3.88	1.26	-0.14	-0.14	1.26	0.06	249.91	-9.39	5.86	234.66	61.01
		1832	5.10	5.07	-1.03	1.70	2.34	3.03	304.09	-32.74	84.90	186.45	160.58
1416	37	1828	1.29	0.35	-0.07	0.35	-0.07	-0.01	70.78	-23.60	56.70	-9.53	33.62
		1822	0.24	-9.92e-03	-0.60	-0.25	-0.36	-0.29	2.21	-12.92	0.89	-11.60	-4.26
		1827	3.20	1.24	-0.14	-0.14	1.23	0.05	205.32	-7.44	5.02	192.86	49.96
		1832	4.18	4.97	-1.01	1.67	2.29	2.97	247.28	-25.30	69.61	152.37	129.86
1417	21	1711	4.53	13.05	-3.77	8.81	0.47	7.31	227.43	-56.10	60.48	110.85	139.51
		1831	5.49	10.21	-3.10	5.27	1.84	6.43	323.39	-9.37	148.90	165.12	166.18
		1797	11.80	15.54	-6.32	5.08	4.14	10.92	778.61	107.22	317.72	568.10	311.48
		1710	8.69	15.45	-8.18	7.42	-0.15	11.19	577.10	112.86	261.17	428.79	216.46
1417	35	1711	3.45	9.72	-2.80	6.55	0.37	5.45	173.71	-42.64	46.74	84.33	106.53
		1831	4.16	7.60	-2.30	3.92	1.38	4.78	245.32	-7.33	112.73	125.26	126.17
		1797	8.91	11.56	-4.69	3.77	3.11	8.12	588.52	80.17	239.10	429.59	235.65
		1710	6.59	11.52	-6.08	5.51	-0.08	8.34	437.48	84.08	196.93	324.63	164.76
1417	37	1711	2.65	9.55	-2.75	6.43	0.37	5.35	126.29	-34.63	26.32	65.34	78.06
		1831	3.35	7.45	-2.25	3.84	1.37	4.69	193.42	-4.25	89.31	99.86	98.69
		1797	7.40	11.35	-4.59	3.69	3.07	7.96	484.97	73.67	204.32	354.32	191.49
		1710	5.30	11.32	-5.96	5.40	-0.05	8.20	349.12	78.91	163.19	264.83	125.18
1418	21	1831	5.56	10.45	-3.21	5.30	1.93	6.62	325.36	-11.57	147.70	166.09	168.21
		1832	5.77	6.68	-1.61	1.91	3.16	4.10	359.45	-0.83	116.66	241.96	168.89
		1798	14.29	14.44	-3.16	2.09	9.18	8.06	915.60	30.71	214.22	732.08	358.77
		1797	11.93	15.88	-6.58	5.03	4.27	11.22	783.90	102.45	316.30	570.06	316.22
1418	35	1831	4.21	7.78	-2.38	3.94	1.45	4.93	246.79	-8.99	111.83	125.98	127.69
		1832	4.36	4.97	-1.19	1.42	2.36	3.05	272.00	-0.77	88.08	183.16	127.83
		1798	10.79	10.74	-2.35	1.55	6.84	5.98	691.31	22.85	161.16	553.00	270.78
		1797	9.01	11.82	-4.89	3.74	3.20	8.35	592.50	76.60	238.04	431.06	239.21
1418	37	1831	3.39	7.64	-2.34	3.87	1.43	4.84	194.73	-5.67	88.53	100.54	100.02
		1832	3.58	4.88	-1.17	1.39	2.33	2.99	220.96	0.73	72.65	149.04	103.28
		1798	9.06	10.53	-2.29	1.52	6.72	5.86	576.84	22.51	138.69	460.66	225.62
		1797	7.49	11.60	-4.79	3.65	3.16	8.19	488.44	70.47	203.28	355.63	194.61
1419	21	1832	6.42	7.04	-1.78	1.80	3.45	4.33	385.66	-30.34	105.50	249.82	195.08
		1827	5.05	2.08	-0.22	-0.20	2.07	0.19	326.08	-6.82	5.71	313.55	63.35
		1826	14.23	12.53	-0.24	-0.15	12.43	1.10	897.01	-20.19	11.46	865.36	167.41
		1798	15.37	14.84	-3.38	2.05	9.41	8.33	962.27	-15.38	201.78	745.12	406.38
1419	35	1832	4.86	5.24	-1.32	1.34	2.58	3.22	291.80	-23.07	79.67	189.06	147.63
		1827	3.82	1.55	-0.16	-0.15	1.54	0.14	246.61	-5.18	4.30	237.14	47.92
		1826	10.74	9.31	-0.18	-0.11	9.24	0.81	677.19	-15.19	8.66	653.34	126.28
		1798	11.60	11.04	-2.51	1.52	7.01	6.20	726.47	-11.85	151.83	562.78	306.69

1419	37	1832	3.99	5.15	-1.29	1.32	2.54	3.16	237.23	-17.54	65.51	154.18	119.42
		1827	3.14	1.53	-0.16	-0.15	1.52	0.13	202.14	-3.92	3.71	194.52	38.89
		1826	9.05	9.13	-0.18	-0.11	9.06	0.79	566.81	-12.88	7.16	546.77	105.91
		1798	9.75	10.83	-2.46	1.49	6.88	6.07	606.56	-6.95	130.30	469.31	255.67
1420	21	1710	8.51	15.85	-7.79	7.74	0.32	11.22	565.75	116.70	254.88	427.58	207.26
		1797	11.60	15.82	-6.30	5.03	4.49	11.06	764.99	109.32	315.98	558.33	304.62
		1807	23.56	20.53	-8.60	5.68	6.24	14.56	1609.61	257.62	647.51	1219.72	612.46
		1559	17.35	16.05	-11.93	6.59	-2.46	13.24	1240.74	359.28	661.94	938.08	418.55
1420	35	1710	6.45	11.82	-5.79	5.76	0.28	8.36	428.93	86.97	192.19	323.72	157.83
		1797	8.77	11.78	-4.67	3.73	3.37	8.22	578.27	81.79	237.83	422.23	230.48
		1807	17.77	15.28	-6.38	4.21	4.69	10.83	1214.32	192.96	486.25	921.03	462.10
		1559	13.12	11.97	-8.84	4.89	-1.76	9.86	937.43	268.78	497.24	708.97	317.12
1420	37	1710	5.18	11.62	-5.67	5.64	0.30	8.22	341.84	81.31	159.10	264.04	119.23
		1797	7.28	11.56	-4.58	3.64	3.33	8.07	476.06	74.80	202.84	348.02	187.04
		1807	15.01	15.00	-6.24	4.08	4.68	10.61	1022.62	175.21	426.67	771.15	387.12
		1559	10.88	11.79	-8.69	4.75	-1.65	9.73	776.83	245.72	433.65	588.90	253.96
1421	21	1797	11.76	16.20	-6.38	5.12	4.70	11.28	771.11	101.43	310.02	562.52	310.13
		1798	14.04	14.73	-3.04	2.19	9.50	8.10	901.99	38.95	218.11	722.83	350.03
		1812	28.68	24.66	-3.88	2.70	18.09	12.02	1852.11	57.68	391.90	1517.88	698.59
		1807	23.74	20.91	-9.12	5.51	6.28	15.01	1618.62	254.20	649.60	1223.21	618.99
1421	35	1797	8.89	12.06	-4.73	3.81	3.53	8.40	582.88	75.81	233.32	425.37	234.64
		1798	10.60	10.96	-2.25	1.63	7.09	6.02	681.06	29.07	164.10	546.04	264.20
		1812	21.61	18.35	-2.87	2.00	13.47	8.93	1396.53	43.11	294.40	1145.25	526.26
		1807	17.91	15.57	-6.76	4.09	4.72	11.16	1221.08	190.48	487.91	923.65	466.98
1421	37	1797	7.38	11.84	-4.63	3.73	3.48	8.24	480.07	69.90	199.16	350.81	190.55
		1798	8.90	10.76	-2.21	1.58	6.96	5.90	567.99	27.73	141.07	454.64	219.97
		1812	18.41	17.96	-2.80	1.93	13.23	8.71	1183.10	40.90	257.86	966.14	448.04
		1807	15.14	15.27	-6.63	3.94	4.70	10.95	1028.60	172.35	427.45	773.50	391.60
1422	21	1798	15.24	15.12	-3.36	2.04	9.71	8.41	952.30	-15.61	200.97	735.72	403.39
		1826	14.04	12.92	-0.12	-0.03	12.83	1.07	885.23	-16.01	11.38	857.84	154.71
		1806	28.99	30.19	-0.33	-0.12	29.98	2.54	1810.95	-42.70	16.31	1751.94	325.41
		1812	30.62	25.18	-3.97	2.73	18.48	12.27	1939.30	-23.08	375.52	1540.70	789.51
1422	35	1798	11.50	11.25	-2.50	1.52	7.24	6.25	718.95	-12.04	151.22	555.70	304.45
		1826	10.59	9.62	-0.08	-0.02	9.55	0.80	668.32	-12.05	8.60	647.67	116.72
		1806	21.84	22.44	-0.25	-0.09	22.28	1.89	1365.69	-32.06	12.33	1321.30	245.10
		1812	23.07	18.74	-2.95	2.03	13.76	9.12	1462.09	-17.56	282.15	1162.38	594.68
1422	37	1798	9.66	11.04	-2.44	1.49	7.11	6.13	600.12	-7.03	129.76	463.32	253.66
		1826	8.93	9.44	-0.09	-0.02	9.37	0.78	559.23	-10.15	7.13	541.95	97.67
		1806	18.66	21.97	-0.23	-0.08	21.82	1.84	1156.99	-28.04	10.12	1118.83	209.22
		1812	19.68	18.34	-2.89	1.95	13.50	8.91	1239.82	-11.90	246.58	981.34	506.69
1423	22	1835	6.63	5.01	3.30	4.46	3.86	0.80	314.13	-183.74	285.05	-154.66	116.76
		60	20.76	5.74	-1.66	5.50	-1.42	-1.32	1509.75	364.53	1373.56	500.72	-370.69
		1778	8.86	0.45	-0.91	-0.79	0.34	0.37	499.44	-147.69	494.63	-142.87	55.63
		1852	4.97	2.64	-1.93	-0.25	0.96	-2.20	222.02	-148.42	204.21	-130.60	79.26
1423	36	1835	5.00	3.76	2.47	3.34	2.89	0.61	237.18	-137.93	215.45	-116.20	87.63
		60	15.66	4.30	-1.24	4.12	-1.06	-1.00	1138.59	273.95	1036.36	376.19	-279.18
		1778	6.67	0.35	-0.68	-0.59	0.27	0.28	375.78	-111.32	372.35	-107.89	40.75
		1852	3.74	1.98	-1.44	-0.18	0.72	-1.65	167.55	-111.27	154.43	-98.15	59.05
1423	37	1835	4.43	3.39	2.28	3.06	2.61	0.51	206.59	-126.88	185.56	-105.84	81.06
		60	13.82	3.88	-1.15	3.73	-1.00	-0.84	1006.82	248.82	915.13	340.50	-247.16
		1778	5.97	0.23	-0.65	-0.56	0.14	0.26	332.58	-106.13	328.27	-101.82	43.25
		1852	3.40	1.76	-1.31	-0.19	0.64	-1.48	148.28	-105.02	134.39	-91.12	57.68
1424	22	1800	11.14	11.15	-19.76	9.45	-18.06	-7.04	173.31	-559.23	173.02	-558.94	14.58
		1853	10.15	2.97	-20.66	-6.09	-11.60	11.49	-27.86	-635.03	-61.39	-601.50	138.69
		1837	5.18	8.10	-12.34	-11.57	7.32	3.91	-39.40	-320.20	-39.51	-320.09	-5.49
		1799	10.29	-12.78	-66.63	-18.13	-61.28	16.11	-119.09	-538.76	-232.44	-425.41	186.33
1424	36	1800	8.33	8.28	-14.47	7.02	-13.22	-5.20	131.26	-417.74	131.03	-417.52	11.11
		1853	7.59	2.23	-15.26	-4.52	-8.50	8.52	-20.81	-475.13	-46.76	-449.19	105.43
		1837	3.87	6.13	-9.15	-8.58	5.55	2.92	-30.13	-239.09	-30.18	-239.04	-3.29
		1799	7.72	-9.46	-49.23	-13.46	-45.23	11.95	-89.67	-406.97	-176.50	-320.14	141.46
1424	37	1800	7.39	7.29	-13.74	6.18	-12.63	-4.70	103.30	-376.23	103.27	-376.19	3.86
		1853	6.72	1.93	-13.87	-4.09	-7.85	7.67	-20.14	-423.22	-34.72	-408.64	75.26
		1837	3.64	5.16	-7.94	-7.45	4.67	2.49	-18.95	-222.64	-19.58	-222.02	-11.26
		1799	6.66	-8.50	-44.88	-11.93	-41.45	10.63	-81.69	-342.43	-138.36	-285.76	107.54
1425	8	1842	15.77	1.49	-0.21	-5.08e-04	1.27	-0.56	19.14	-1036.51	5.39	-1022.76	119.69
		1776	15.58	-0.09	-1.77	-0.12	-1.74	-0.23	1.01	-1032.66	-8.37	-1023.28	98.04
		1775	17.84	0.05	-1.95	0.03	-1.93	-0.19	-62.25	-1213.29	-71.10	-1204.44	100.49
		1845	17.96	1.61	-0.10	0.07	1.44	-0.51	-12.59	-1198.48	-23.39	-1187.67	112.67
1425	32	1842	11.80	1.13	-0.16	7.88e-04	0.97	-0.43	14.84	-775.68	4.96	-765.81	87.79
		1776	11.66	-0.06	-1.30	-0.09	-1.27	-0.18	2.56	-772.47	-4.08	-765.83	71.43
		1775	13.34	0.04	-1.43	0.02	-1.41	-0.15	-44.62	-906.36	-50.94	-900.05	73.50
		1845	13.43	1.22	-0.08	0.05	1.10	-0.39	-9.12	-895.93	-16.89	-888.17	82.62
1425	37	1842	10.65	1.04	-0.15	2.27e-03	0.90	-0.39	14.36	-699.18	6.38	-691.20	75.01
		1776	10.53	-0.05	-1.11	-0.07	-1.08	-0.17	4.93	-696.21	-0.23	-691.05	59.93
		1775	11.99	0.04	-1.23	0.02	-1.21	-0.15	-36.93	-813.40	-41.92	-808.41	62.06
		1845	12.07	1.13	-0.07	0.05	1.01	-0.36	-7.62	-804.88	-13.86	-798.64	70.24
1426	8	1841	17.69	1.80	-0.07	0.10	1.63	-0.54	-21.05	-1184.11	-32.64	-1172.52	115.54

		1774	17.84	0.05	-2.12	0.05	-2.11	-0.13	-89.80	-1225.00	-98.65	-1216.14	99.85
		1773	15.17	0.04	-2.29	0.04	-2.29	-0.09	-92.72	-1046.60	-96.73	-1042.59	61.72
		1844	14.60	1.96	-0.06	0.10	1.79	-0.55	-9.15	-971.97	-14.82	-966.30	73.64
1426	32	1841	13.21	1.37	-0.05	0.08	1.24	-0.41	-15.48	-884.22	-23.90	-875.80	85.11
		1774	13.33	0.04	-1.56	0.04	-1.55	-0.11	-64.84	-913.93	-71.24	-907.52	73.47
		1773	11.31	0.03	-1.69	0.03	-1.69	-0.08	-66.72	-779.76	-69.62	-776.85	45.41
		1844	10.90	1.49	-0.05	0.08	1.36	-0.42	-6.60	-725.09	-10.72	-720.97	54.22
1426	37	1841	11.84	1.26	-0.05	0.07	1.14	-0.38	-13.37	-791.67	-20.27	-784.77	72.97
		1774	11.93	0.04	-1.34	0.03	-1.33	-0.11	-54.02	-816.93	-59.21	-811.73	62.73
		1773	10.10	0.03	-1.46	0.03	-1.46	-0.08	-54.81	-694.23	-57.11	-691.93	38.31
		1844	9.73	1.37	-0.04	0.07	1.25	-0.39	-5.41	-647.28	-8.72	-643.97	46.02
1427	8	1844	14.62	1.96	-0.07	0.10	1.79	-0.56	-9.95	-973.31	-16.18	-967.08	77.22
		1773	15.17	0.05	-2.29	0.05	-2.29	-0.09	-95.21	-1047.84	-99.29	-1043.75	62.22
		1772	9.70	-0.02	-2.47	-0.02	-2.47	-0.04	-49.29	-661.57	-49.35	-661.51	5.85
		1846	8.69	2.08	-0.06	0.10	1.92	-0.56	29.79	-557.30	29.77	-557.28	3.40
1427	32	1844	10.91	1.49	-0.05	0.08	1.36	-0.42	-7.19	-726.08	-11.73	-721.54	56.94
		1773	11.31	0.04	-1.69	0.04	-1.69	-0.08	-68.57	-780.67	-71.53	-777.71	45.85
		1772	7.23	-0.01	-1.83	-0.01	-1.82	-0.04	-34.16	-491.85	-34.20	-491.81	4.27
		1846	6.48	1.58	-0.05	0.07	1.46	-0.43	22.54	-415.19	22.53	-415.17	2.32
1427	37	1844	9.74	1.37	-0.05	0.07	1.25	-0.39	-5.92	-648.13	-9.60	-644.44	48.52
		1773	10.10	0.04	-1.46	0.04	-1.46	-0.08	-56.44	-695.03	-58.81	-692.66	38.85
		1772	6.43	-6.90e-03	-1.59	-8.33e-03	-1.58	-0.05	-25.23	-435.54	-25.25	-435.52	2.61
		1846	5.77	1.46	-0.04	0.07	1.35	-0.39	20.91	-369.31	20.90	-369.30	0.63
1428	8	1847	15.28	0.71	-0.27	-0.08	0.52	0.39	1077.81	132.59	217.31	993.09	-270.01
		1770	12.17	-0.48	-2.21	-0.86	-1.83	0.72	929.06	447.48	521.42	855.13	-173.61
		58	29.83	-1.74	-5.30	-3.70	-3.35	1.77	2281.30	1246.12	1246.59	2280.83	-22.00
		1839	20.99	2.89	-1.63	-1.41	2.67	0.98	1307.27	-149.25	-148.09	1306.10	-41.14
1428	32	1847	11.40	0.56	-0.17	-0.05	0.44	0.27	804.47	100.51	163.40	741.57	-200.80
		1770	9.08	-0.36	-1.64	-0.64	-1.37	0.53	693.70	337.06	391.40	639.37	-128.16
		58	22.26	-1.29	-3.85	-2.69	-2.46	1.27	1702.46	935.96	936.25	1702.17	-14.90
		1839	15.66	2.19	-1.20	-1.04	2.02	0.73	975.95	-110.71	-109.84	975.07	-30.84
1428	37	1847	10.18	0.57	-0.09	-0.02	0.50	0.20	719.02	92.34	148.40	662.96	-178.86
		1770	8.13	-0.34	-1.45	-0.57	-1.22	0.45	620.81	306.08	353.70	573.19	-112.78
		58	19.87	-1.13	-3.18	-2.22	-2.10	1.02	1519.20	846.53	846.73	1519.00	-11.58
		1839	13.98	2.00	-1.02	-0.88	1.85	0.64	872.21	-97.22	-96.35	871.34	-29.07
1429	8	1790	3.45	7.33	-0.03	0.06	7.24	-0.82	209.07	6.59	7.59	208.07	-14.19
		1843	3.06	2.09	0.27	0.40	1.96	-0.46	187.52	-23.22	88.19	76.11	-105.20
		1847	12.97	2.63	-1.61	-1.58	2.61	0.34	890.03	75.08	111.98	853.12	-169.45
		1789	13.14	6.71	0.21	0.27	6.64	-0.64	840.43	-26.62	-22.02	835.83	-63.00
1429	32	1790	2.58	5.51	-0.02	0.05	5.44	-0.61	156.27	4.96	5.68	155.55	-10.41
		1843	2.28	1.59	0.20	0.29	1.49	-0.35	140.25	-16.48	66.27	57.51	-78.24
		1847	9.67	2.00	-1.18	-1.17	1.98	0.24	664.46	57.08	84.38	637.15	-125.86
		1789	9.81	5.06	0.15	0.20	5.01	-0.48	627.44	-19.89	-16.46	624.01	-46.97
1429	37	1790	2.32	4.96	-0.02	0.04	4.90	-0.55	140.39	4.53	5.22	139.70	-9.61
		1843	2.06	1.48	0.17	0.26	1.39	-0.33	127.14	-14.00	60.22	52.92	-70.48
		1847	8.65	1.83	-1.02	-1.00	1.82	0.18	594.34	52.67	77.09	569.92	-112.39
		1789	8.78	4.59	0.14	0.18	4.54	-0.44	561.09	-17.76	-14.62	557.95	-42.52
1430	8	1786	10.50	0.53	0.14	0.33	0.34	0.19	683.87	-29.49	-16.69	671.07	94.67
		1848	13.71	2.92	-5.28	-0.96	-1.39	4.09	899.83	-7.14	97.76	794.92	290.07
		1849	7.76	4.07	-6.79	0.86	-3.58	4.95	403.16	-145.00	96.57	161.59	272.15
		1803	5.25	-7.71e-03	-5.09	-8.74e-03	-5.09	0.07	325.18	-22.78	28.13	274.27	122.98
1430	32	1786	7.85	0.46	0.15	0.24	0.37	0.14	511.01	-22.02	-12.40	501.40	70.95
		1848	10.24	2.17	-3.80	-0.72	-0.90	2.98	672.47	-4.65	73.63	594.19	216.51
		1849	5.80	2.99	-4.89	0.63	-2.52	3.61	302.59	-107.70	72.47	122.41	203.62
		1803	3.93	-4.94e-03	-3.57	-6.14e-03	-3.57	0.07	244.01	-17.01	21.11	205.89	92.18
1430	37	1786	7.05	0.61	0.16	0.20	0.57	0.12	458.27	-19.53	-11.01	449.76	63.21
		1848	9.15	1.91	-3.06	-0.64	-0.51	2.49	602.09	-1.63	67.05	533.41	191.70
		1849	5.16	2.56	-3.93	0.53	-1.90	3.01	272.74	-92.75	65.39	114.60	181.08
		1803	3.53	-1.95e-03	-2.65	-4.51e-03	-2.65	0.08	221.23	-14.57	18.85	187.81	82.24
1431	8	1787	5.04	1.69	0.20	0.41	1.49	-0.51	-15.34	-338.26	-35.84	-317.75	78.74
		1852	5.36	2.60	-1.37	-0.11	1.35	-1.85	167.39	-230.74	104.61	-167.96	145.10
		1840	11.05	1.54	-0.51	0.22	0.81	-0.98	75.19	-691.55	20.21	-636.56	197.83
		1796	11.20	3.85	-0.05	0.15	3.65	-0.87	4.30	-731.55	-22.31	-704.94	137.39
1431	32	1787	3.77	1.26	0.15	0.30	1.11	-0.38	-11.63	-253.27	-26.72	-238.18	58.47
		1852	4.02	1.96	-1.02	-0.08	1.02	-1.38	126.92	-172.40	80.89	-126.38	107.98
		1840	8.29	1.16	-0.38	0.17	0.62	-0.74	57.14	-518.00	16.92	-477.77	146.69
		1796	8.39	2.87	-0.04	0.11	2.72	-0.65	3.24	-547.94	-16.34	-528.37	102.01
1431	37	1787	3.41	1.11	0.14	0.27	0.98	-0.33	-10.78	-228.87	-23.86	-215.79	51.79
		1852	3.67	1.77	-0.91	-0.07	0.93	-1.24	117.60	-155.57	77.86	-115.83	96.31
		1840	7.51	1.07	-0.34	0.15	0.58	-0.67	53.11	-468.45	18.80	-434.13	129.31
		1796	7.58	2.56	-0.04	0.10	2.42	-0.58	2.99	-495.10	-13.94	-478.16	90.26
1432	8	1796	11.43	3.77	0.04	0.16	3.65	-0.66	5.47	-746.68	-13.25	-727.96	117.18
		1840	11.11	1.53	-0.64	-0.11	1.00	-0.94	72.15	-696.47	40.29	-664.62	153.20
		1842	15.68	1.44	-0.20	0.10	1.14	-0.63	15.05	-1032.92	-14.05	-1003.82	172.20
		1795	16.03	4.69	4.57e-03	0.11	4.58	-0.70	9.69	-1048.37	-10.32	-1028.36	144.12
1432	32	1796	8.56	2.81	0.03	0.12	2.72	-0.49	4.13	-559.32	-9.64	-545.56	86.99
		1840	8.33	1.16	-0.48	-0.08	0.76	-0.71	54.88	-521.66	31.79	-498.58	113.03

		1842	11.74	1.09	-0.15	0.08	0.87	-0.48	11.74	-773.05	-9.39	-751.92	127.03
		1795	12.00	3.50	3.40e-03	0.08	3.42	-0.53	7.29	-784.70	-7.40	-770.00	106.87
1432	37	1796	7.73	2.51	0.03	0.11	2.42	-0.44	3.80	-505.41	-8.07	-493.54	76.84
		1840	7.54	1.07	-0.43	-0.07	0.71	-0.64	51.13	-471.72	31.88	-452.47	98.46
		1842	10.59	1.01	-0.13	0.07	0.81	-0.44	11.45	-696.94	-6.12	-679.36	110.18
		1795	10.82	3.13	3.03e-03	0.08	3.06	-0.47	6.68	-707.28	-5.93	-694.67	94.05
1433	8	1794	18.36	5.19	3.00e-03	0.08	5.11	-0.62	14.39	-1199.53	-3.66	-1181.48	146.90
		1845	17.93	1.62	-0.10	0.10	1.42	-0.54	-14.15	-1197.32	-30.31	-1181.16	137.32
		1841	17.65	1.80	-0.07	0.11	1.62	-0.55	-21.26	-1181.63	-36.60	-1166.29	132.52
		1793	17.70	5.68	-1.70e-04	0.08	5.60	-0.69	12.53	-1155.06	-3.66	-1138.87	136.53
1433	32	1794	13.73	3.88	2.25e-03	0.06	3.83	-0.47	10.80	-896.96	-2.50	-883.66	109.10
		1845	13.41	1.23	-0.08	0.07	1.08	-0.41	-10.27	-895.05	-21.92	-883.39	100.88
		1841	13.19	1.37	-0.05	0.09	1.23	-0.42	-15.62	-882.44	-26.78	-871.28	97.72
		1793	13.23	4.26	-1.38e-04	0.06	4.20	-0.51	9.36	-862.92	-2.57	-850.99	101.31
1433	37	1794	12.34	3.48	2.02e-03	0.05	3.43	-0.42	9.79	-805.97	-1.69	-794.49	96.09
		1845	12.05	1.13	-0.07	0.07	1.00	-0.38	-8.60	-804.03	-18.07	-794.56	86.26
		1841	11.81	1.26	-0.05	0.08	1.13	-0.39	-13.47	-790.23	-22.66	-781.04	84.00
		1793	11.85	3.83	-1.42e-04	0.06	3.77	-0.46	8.38	-773.21	-1.87	-762.96	88.91
1434	8	1793	17.79	5.68	-5.92e-04	0.08	5.60	-0.66	15.79	-1158.97	-2.63	-1140.55	145.95
		1841	17.64	1.80	-0.07	0.11	1.62	-0.55	-22.62	-1181.41	-35.60	-1168.43	121.98
		1844	14.55	1.96	-0.07	0.11	1.79	-0.57	-12.53	-969.82	-21.43	-960.92	91.85
		1792	14.12	6.19	1.54e-03	0.09	6.10	-0.72	13.05	-913.80	-0.42	-900.33	110.91
1434	32	1793	13.29	4.26	-4.34e-04	0.06	4.20	-0.50	11.83	-865.84	-1.80	-852.22	108.51
		1841	13.18	1.37	-0.05	0.08	1.23	-0.42	-16.64	-882.23	-26.04	-872.82	89.74
		1844	10.86	1.49	-0.05	0.08	1.36	-0.43	-9.07	-723.53	-15.56	-717.03	67.83
		1792	10.54	4.65	1.13e-03	0.07	4.58	-0.54	9.73	-682.11	-0.21	-672.16	82.37
1434	37	1793	11.91	3.83	-3.64e-04	0.05	3.78	-0.45	10.63	-775.80	-1.18	-763.99	95.65
		1841	11.80	1.26	-0.05	0.07	1.14	-0.38	-14.38	-789.95	-22.04	-782.29	76.68
		1844	9.70	1.37	-0.05	0.08	1.25	-0.40	-7.51	-645.96	-12.84	-640.63	58.07
		1792	9.42	4.18	9.59e-04	0.06	4.13	-0.49	8.66	-609.57	0.10	-601.01	72.23
1435	8	1839	20.96	-0.46	-1.96	-1.62	-0.80	0.62	1313.60	-153.99	-153.64	1313.25	22.76
		58	28.92	0.76	-6.24	-3.86	-1.62	3.31	2218.87	1203.03	1210.99	2210.91	89.53
		1785	13.82	0.79	-5.42	-3.15	-1.49	2.99	1044.70	373.87	485.58	932.99	249.92
		1848	15.41	3.95	-5.51	-0.44	-1.12	4.72	1026.65	22.93	129.73	919.85	309.50
1435	32	1839	15.65	-0.26	-1.42	-1.19	-0.50	0.47	980.97	-114.27	-113.99	980.69	17.45
		58	21.57	0.54	-4.51	-2.80	-1.16	2.39	1655.24	903.65	909.59	1649.30	66.55
		1785	10.32	0.60	-3.94	-2.30	-1.04	2.18	780.62	282.04	364.88	697.78	185.58
		1848	11.50	2.91	-3.96	-0.30	-0.75	3.43	767.00	18.23	97.89	687.34	230.87
1435	37	1839	13.99	-0.05	-1.19	-1.00	-0.24	0.43	877.16	-100.24	-100.01	876.92	15.16
		58	19.24	0.43	-3.65	-2.30	-0.93	1.92	1475.33	817.70	822.76	1470.27	57.46
		1785	9.21	0.55	-3.24	-1.93	-0.76	1.80	698.18	258.81	330.37	626.62	162.23
		1848	10.26	2.50	-3.18	-0.22	-0.46	2.84	686.05	19.66	89.63	616.07	204.29
1436	8	1802	4.67	0.10	-11.84	0.03	-11.77	-0.89	54.61	-247.27	34.29	-226.94	75.65
		1850	7.57	3.58	-8.26	1.19	-5.86	4.76	122.37	-397.26	52.73	-327.63	177.02
		1851	10.03	3.02	-9.99	0.77	-7.74	4.92	38.88	-612.80	14.64	-588.57	123.31
		1801	8.91	-0.05	-18.63	-0.19	-18.49	-1.60	35.51	-515.05	33.84	-513.38	30.29
1436	32	1802	3.46	0.07	-8.48	0.02	-8.43	-0.63	41.58	-183.45	25.81	-167.67	57.45
		1850	5.64	2.63	-5.95	0.86	-4.19	3.47	92.78	-295.21	39.63	-242.05	133.41
		1851	7.46	2.22	-7.22	0.55	-5.56	3.60	29.99	-455.92	10.88	-436.81	94.45
		1801	6.61	-0.04	-13.42	-0.14	-13.32	-1.15	26.94	-383.00	25.52	-381.59	24.06
1436	37	1802	3.00	0.06	-6.71	0.03	-6.68	-0.49	38.22	-159.29	23.20	-144.28	52.35
		1850	4.95	2.24	-4.81	0.71	-3.29	2.91	84.77	-258.05	35.77	-209.05	119.98
		1851	6.56	1.90	-5.88	0.45	-4.43	3.03	28.18	-401.55	9.67	-383.04	87.24
		1801	5.77	-0.03	-10.84	-0.11	-10.76	-0.92	24.51	-337.06	23.00	-335.55	23.31
1437	8	1853	9.58	-0.30	-10.70	-7.10	-3.90	4.94	-2.70	-628.56	-22.51	-608.75	109.58
		1781	10.59	9.10	-1.45	-0.93	8.57	2.29	-139.27	-741.95	-169.22	-712.00	130.97
		1780	9.54	12.09	-3.15	-1.64	10.59	-4.55	-76.67	-628.62	-87.07	-618.22	75.07
		1838	7.78	4.67	-4.48	-4.45	4.65	0.45	8.58	-491.40	7.89	-490.71	18.60
1437	32	1853	7.12	-0.14	-7.82	-5.27	-2.69	3.62	-2.08	-467.60	-18.24	-451.44	85.23
		1781	7.86	6.64	-1.08	-0.71	6.28	1.63	-102.12	-550.10	-125.34	-526.87	99.32
		1780	7.09	8.91	-2.30	-1.15	7.75	-3.41	-54.15	-466.06	-62.40	-457.81	57.70
		1838	5.76	3.60	-3.26	-3.24	3.58	0.28	2.95	-365.17	2.29	-364.51	15.60
1437	37	1853	6.27	0.08	-6.55	-4.57	-1.90	3.04	-1.69	-413.10	-18.31	-396.49	81.00
		1781	6.89	5.55	-0.91	-0.65	5.29	1.27	-86.54	-482.05	-108.51	-460.08	90.60
		1780	6.24	7.64	-1.95	-0.85	6.54	-3.06	-41.55	-408.75	-49.69	-400.61	54.05
		1838	5.05	3.42	-2.65	-2.65	3.42	0.14	-2.50	-322.23	-3.38	-321.35	16.83
1438	8	1851	9.88	2.99	-9.80	-0.59	-6.23	5.74	30.79	-608.71	-27.16	-550.75	183.59
		1782	9.59	9.29	-3.04	-0.78	7.03	4.77	-93.95	-672.21	-150.83	-615.33	172.21
		1781	10.66	9.55	-1.57	-1.33	9.31	1.62	-128.62	-738.77	-160.96	-706.42	136.71
		1853	9.72	0.91	-10.94	-5.37	-4.65	5.92	-7.37	-631.91	-34.63	-604.65	127.60
1438	32	1851	7.34	2.19	-7.08	-0.44	-4.45	4.18	23.53	-452.38	-21.01	-407.84	138.61
		1782	7.11	6.79	-2.22	-0.58	5.15	3.47	-66.83	-497.88	-110.18	-454.54	129.63
		1781	7.91	6.98	-1.16	-0.99	6.82	1.14	-93.41	-547.69	-118.40	-522.70	103.57
		1853	7.22	0.73	-7.95	-3.97	-3.26	4.33	-6.18	-470.06	-27.72	-448.52	97.63
1438	37	1851	6.44	1.86	-5.75	-0.39	-3.50	3.48	21.82	-397.67	-19.60	-356.26	125.13
		1782	6.24	5.69	-1.85	-0.51	4.36	2.87	-53.13	-434.59	-92.84	-394.89	116.49
		1781	6.94	5.86	-0.98	-0.87	5.75	0.86	-77.58	-479.86	-101.07	-456.37	94.32

		1853	6.35	0.75	-6.56	-3.42	-2.40	3.62	-6.44	-415.09	-27.47	-394.06	90.29
1439	8	1850	7.43	3.66	-8.20	0.11	-4.66	5.43	120.34	-389.01	16.48	-285.14	205.22
		1783	6.94	7.64	-3.47	-0.02	4.18	5.14	24.19	-437.31	-70.39	-342.74	186.28
		1782	9.62	9.10	-2.61	-0.29	6.78	4.66	-93.03	-673.32	-141.00	-625.35	159.81
		1851	9.78	2.73	-9.71	-0.81	-6.17	5.61	27.39	-605.29	-19.49	-558.40	165.73
1439	32	1850	5.52	2.69	-5.91	0.08	-3.31	3.95	91.00	-288.78	12.20	-209.98	154.01
		1783	5.15	5.58	-2.52	-0.02	3.08	3.75	21.58	-322.82	-49.76	-251.48	139.57
		1782	7.14	6.65	-1.90	-0.22	4.97	3.39	-66.19	-498.65	-102.78	-462.06	120.35
		1851	7.26	2.01	-7.02	-0.61	-4.40	4.09	20.92	-449.81	-15.21	-413.68	125.31
1439	37	1850	4.84	2.29	-4.78	0.06	-2.55	3.28	82.89	-252.02	11.00	-180.14	137.50
		1783	4.50	4.69	-2.08	-0.02	2.64	3.11	25.73	-278.50	-38.55	-214.22	124.20
		1782	6.25	5.57	-1.57	-0.21	4.21	2.80	-52.65	-435.15	-86.20	-401.60	108.21
		1851	6.37	1.72	-5.70	-0.54	-3.45	3.41	19.37	-395.37	-14.36	-361.64	113.37
1440	8	1803	4.81	0.13	-5.25	0.13	-5.25	-0.04	289.64	-32.16	21.04	236.44	119.54
		1849	7.45	3.86	-6.90	0.60	-3.64	4.95	390.43	-133.67	95.63	161.12	260.00
		1850	7.71	3.70	-8.31	1.08	-5.68	4.96	130.00	-400.26	47.50	-317.76	192.20
		1802	4.46	-0.03	-11.83	-0.06	-11.80	-0.63	51.40	-234.24	32.98	-215.83	70.15
1440	32	1803	3.60	0.10	-3.68	0.10	-3.68	-0.02	217.62	-24.13	15.81	177.68	89.78
		1849	5.57	2.85	-4.97	0.43	-2.56	3.61	293.04	-99.14	71.78	122.12	194.47
		1850	5.74	2.72	-5.99	0.78	-4.05	3.62	98.57	-297.55	35.65	-234.63	144.80
		1802	3.30	-0.02	-8.47	-0.05	-8.44	-0.45	39.02	-173.63	24.77	-159.38	53.17
1440	37	1803	3.24	0.09	-2.75	0.09	-2.75	9.37e-03	197.88	-21.04	14.14	162.70	80.40
		1849	4.96	2.43	-4.00	0.35	-1.92	3.01	264.21	-84.95	64.77	114.49	172.80
		1850	5.04	2.32	-4.84	0.65	-3.17	3.03	90.10	-260.32	32.16	-202.38	130.18
		1802	2.85	-0.02	-6.71	-0.04	-6.69	-0.34	35.62	-150.36	22.19	-136.93	48.14
1441	8	1848	13.86	4.39	-4.79	-0.18	-0.21	4.59	915.39	10.37	105.28	820.48	277.29
		1785	13.31	2.00	-7.16	-3.49	-1.67	4.49	1008.71	391.16	465.03	934.84	200.41
		1784	6.04	6.05	-4.39	0.31	1.34	5.20	317.42	-93.78	87.27	136.37	204.13
		1849	7.56	3.56	-7.24	-0.67	-3.01	5.27	413.71	-110.29	100.22	203.19	256.89
1441	32	1848	10.35	3.28	-3.44	-0.12	-0.05	3.36	684.04	8.52	79.30	613.26	206.89
		1785	9.94	1.46	-5.20	-2.55	-1.20	3.26	754.10	295.25	350.12	699.23	148.88
		1784	4.51	4.44	-3.19	0.23	1.02	3.79	239.83	-66.77	67.95	105.11	152.17
		1849	5.65	2.61	-5.22	-0.50	-2.10	3.83	310.17	-81.57	75.05	153.55	191.90
1441	37	1848	9.25	2.90	-2.77	-0.06	0.20	2.83	612.20	10.34	72.39	550.15	183.02
		1785	8.88	1.21	-4.30	-2.14	-0.95	2.69	675.39	271.04	318.39	628.05	130.01
		1784	4.00	3.76	-2.62	0.20	0.93	3.17	219.31	-51.02	66.33	101.95	133.98
		1849	5.02	2.23	-4.22	-0.45	-1.54	3.18	279.11	-69.15	67.60	142.35	170.07
1442	8	1789	13.56	7.67	0.26	0.30	7.62	-0.58	870.72	-16.79	-14.84	868.77	-41.57
		1847	14.20	1.37	-2.59	-1.99	0.76	1.43	964.24	41.01	77.33	927.91	-179.48
		1839	20.02	4.10	-2.25	-0.37	2.22	2.90	1356.94	65.63	69.52	1353.05	70.79
		1788	16.38	3.39	0.09	0.10	3.38	-0.22	1058.73	-42.60	-42.28	1058.41	-18.66
1442	32	1789	10.13	5.77	0.19	0.22	5.73	-0.44	650.05	-12.55	-11.12	648.61	-30.78
		1847	10.60	1.06	-1.90	-1.46	0.61	1.05	719.83	31.60	58.56	692.87	-133.52
		1839	14.94	3.03	-1.61	-0.26	1.68	2.11	1013.14	50.01	52.96	1010.19	53.20
		1788	12.23	2.63	0.06	0.07	2.62	-0.17	790.43	-31.82	-31.59	790.20	-13.88
1442	37	1789	9.06	5.20	0.15	0.19	5.16	-0.41	581.23	-11.18	-9.88	579.93	-27.70
		1847	9.47	1.01	-1.61	-1.25	0.64	0.91	643.68	29.87	54.11	619.45	-119.53
		1839	13.34	2.60	-1.28	-0.21	1.52	1.74	905.47	46.96	49.52	902.91	46.78
		1788	10.95	2.54	0.05	0.06	2.54	-0.15	706.91	-28.35	-28.12	706.67	-13.07
1443	8	1792	14.19	6.19	-5.82e-03	0.08	6.11	-0.71	16.91	-916.51	0.38	-899.97	123.12
		1844	14.53	1.96	-0.06	0.12	1.79	-0.57	-14.08	-969.50	-21.56	-962.02	84.19
		1846	8.51	2.08	-0.09	0.08	1.92	-0.57	18.52	-551.10	17.82	-550.40	19.93
		1791	7.33	6.72	0.01	0.10	6.63	-0.78	11.32	-460.82	4.17	-453.67	57.67
1443	32	1792	10.59	4.65	-4.32e-03	0.06	4.59	-0.54	12.65	-684.16	0.38	-671.89	91.65
		1844	10.84	1.49	-0.04	0.09	1.36	-0.43	-10.23	-723.26	-15.67	-717.82	62.01
		1846	6.34	1.58	-0.07	0.06	1.46	-0.43	14.19	-410.60	13.68	-410.09	14.71
		1791	5.47	5.05	8.74e-03	0.08	4.98	-0.58	8.44	-343.65	3.15	-338.36	42.84
1443	37	1792	9.47	4.19	-3.76e-03	0.05	4.13	-0.48	11.31	-611.42	0.63	-600.74	80.84
		1844	9.69	1.37	-0.04	0.08	1.25	-0.40	-8.56	-645.66	-12.95	-641.27	52.71
		1846	5.65	1.46	-0.06	0.05	1.35	-0.40	13.54	-365.26	13.18	-364.90	11.66
		1791	4.88	4.55	7.63e-03	0.07	4.49	-0.53	7.50	-306.08	3.00	-301.58	37.29
1444	8	1846	8.69	2.06	-0.13	0.02	1.91	-0.55	30.59	-557.08	30.54	-557.03	5.43
		1772	9.69	0.07	-2.45	0.06	-2.45	-0.07	-56.83	-664.25	-56.86	-664.22	4.61
		1771	2.55	-0.32	-2.69	-0.32	-2.69	0.06	116.74	-72.47	95.88	-51.61	-59.26
		1843	3.13	2.23	-0.07	0.06	2.10	-0.54	192.39	-24.30	109.47	58.62	-105.32
1444	32	1846	6.48	1.56	-0.10	0.01	1.45	-0.42	23.13	-415.02	23.10	-414.99	3.88
		1772	7.22	0.05	-1.81	0.05	-1.81	-0.06	-39.79	-493.85	-39.82	-493.82	3.42
		1771	1.90	-0.24	-1.99	-0.24	-1.99	0.03	89.32	-51.78	74.17	-36.63	-43.69
		1843	2.33	1.70	-0.05	0.05	1.60	-0.41	143.85	-17.23	82.11	44.51	-78.31
1444	37	1846	5.77	1.44	-0.09	0.02	1.34	-0.39	21.41	-369.15	21.40	-369.14	2.11
		1772	6.42	0.05	-1.58	0.05	-1.57	-0.06	-30.29	-437.33	-30.30	-437.32	1.99
		1771	1.72	-0.20	-1.73	-0.20	-1.73	0.01	84.82	-42.24	71.42	-28.84	-39.03
		1843	2.10	1.57	-0.05	0.05	1.48	-0.38	130.10	-14.41	74.26	41.44	-70.37
1445	8	1795	16.15	4.65	0.01	0.10	4.57	-0.61	12.12	-1054.94	-5.38	-1037.44	135.53
		1842	15.65	1.45	-0.22	0.04	1.19	-0.61	14.01	-1031.74	-6.17	-1011.57	143.84
		1845	17.95	1.62	-0.09	0.12	1.41	-0.55	-13.21	-1198.13	-33.61	-1177.72	154.14
		1794	18.27	5.19	5.86e-04	0.09	5.10	-0.67	11.43	-1195.12	-6.01	-1177.68	144.01

1445	32	1795	12.09	3.47	0.01	0.07	3.41	-0.46	9.13	-789.61	-3.74	-776.74	100.58
		1842	11.72	1.10	-0.17	0.03	0.90	-0.46	10.97	-772.11	-3.56	-757.58	105.68
		1845	13.42	1.23	-0.07	0.09	1.07	-0.42	-9.56	-895.71	-24.36	-880.91	113.56
		1794	13.66	3.89	4.31e-04	0.07	3.82	-0.50	8.57	-893.68	-4.25	-880.86	106.78
1445	37	1795	10.89	3.11	9.80e-03	0.07	3.05	-0.41	8.35	-711.63	-2.72	-700.56	88.60
		1842	10.57	1.02	-0.15	0.03	0.84	-0.43	10.80	-695.98	-1.05	-684.13	90.74
		1845	12.06	1.13	-0.06	0.08	0.99	-0.39	-7.99	-804.72	-20.18	-792.53	97.82
		1794	12.28	3.49	3.75e-04	0.06	3.43	-0.45	7.75	-803.08	-3.24	-792.10	93.75
1446	8	1845	17.99	1.62	-0.10	0.08	1.44	-0.53	-12.34	-1200.26	-26.03	-1186.57	126.81
		1775	17.87	0.03	-1.95	0.02	-1.93	-0.18	-59.80	-1214.09	-70.81	-1203.07	112.21
		1774	17.83	0.06	-2.12	0.05	-2.11	-0.14	-89.72	-1223.90	-97.81	-1215.81	95.45
		1841	17.67	1.80	-0.07	0.10	1.63	-0.53	-20.67	-1182.18	-30.92	-1171.94	108.58
1446	32	1845	13.45	1.23	-0.08	0.06	1.10	-0.40	-8.91	-897.23	-18.80	-887.33	93.23
		1775	13.36	0.03	-1.43	0.01	-1.42	-0.14	-42.76	-906.95	-50.68	-899.04	82.33
		1774	13.31	0.04	-1.56	0.04	-1.55	-0.11	-64.80	-913.12	-70.64	-907.28	70.13
		1841	13.19	1.36	-0.05	0.07	1.24	-0.40	-15.22	-882.80	-22.63	-875.39	79.87
1446	37	1845	12.09	1.14	-0.07	0.06	1.01	-0.37	-7.38	-805.93	-15.44	-797.86	79.86
		1775	12.01	0.03	-1.22	0.01	-1.21	-0.14	-35.22	-813.89	-41.58	-807.53	70.11
		1774	11.92	0.04	-1.34	0.04	-1.33	-0.11	-54.01	-816.24	-58.71	-811.54	59.62
		1841	11.82	1.26	-0.05	0.07	1.14	-0.37	-13.17	-790.50	-19.21	-784.46	68.21
1447	8	1840	11.34	1.66	-0.43	-0.15	1.38	-0.72	85.43	-703.97	70.46	-689.00	107.68
		1777	11.58	-0.42	-1.56	-0.47	-1.52	-0.21	137.92	-689.83	133.82	-685.72	58.17
		1776	15.53	-0.04	-1.76	-0.07	-1.72	-0.25	-7.32	-1033.42	-12.44	-1028.30	72.30
		1842	15.74	1.44	-0.31	-0.12	1.26	-0.54	19.94	-1034.68	11.76	-1026.50	92.51
1447	32	1840	8.50	1.26	-0.32	-0.11	1.04	-0.54	64.95	-527.33	54.23	-516.61	78.97
		1777	8.70	-0.31	-1.13	-0.35	-1.10	-0.17	105.52	-516.89	102.77	-514.14	41.29
		1776	11.63	-0.03	-1.28	-0.05	-1.25	-0.19	-3.73	-773.06	-7.27	-769.52	52.07
		1842	11.79	1.10	-0.23	-0.09	0.95	-0.41	15.40	-774.36	9.61	-768.57	67.38
1447	37	1840	7.71	1.15	-0.29	-0.10	0.96	-0.49	60.49	-476.94	51.82	-468.27	67.72
		1777	7.90	-0.27	-0.96	-0.31	-0.92	-0.16	98.46	-468.52	96.60	-466.65	32.50
		1776	10.50	-0.02	-1.09	-0.05	-1.06	-0.18	-0.86	-696.81	-3.44	-694.22	42.33
		1842	10.63	1.01	-0.21	-0.08	0.88	-0.38	14.80	-698.12	10.30	-693.62	56.48
1448	8	1852	5.73	2.87	0.87	0.91	2.83	-0.27	185.42	-247.22	156.91	-218.72	107.34
		1778	8.93	-0.35	-1.70	-0.42	-1.62	-0.30	495.42	-161.73	495.08	-161.39	-15.02
		1777	11.46	-0.17	-1.19	-0.18	-1.18	0.07	111.97	-698.45	111.85	-698.33	9.68
		1840	11.34	1.58	-1.49	-1.16	1.25	-0.95	100.61	-693.63	95.20	-688.21	65.38
1448	32	1852	4.31	2.15	0.66	0.68	2.12	-0.21	140.79	-184.79	120.15	-164.15	79.34
		1778	6.77	-0.25	-1.24	-0.31	-1.18	-0.23	375.83	-121.85	375.44	-121.45	-13.98
		1777	8.61	-0.13	-0.85	-0.13	-0.85	0.05	85.88	-523.40	85.84	-523.36	4.77
		1840	8.51	1.19	-1.11	-0.87	0.95	-0.71	76.29	-519.63	72.54	-515.88	47.12
1448	37	1852	3.94	1.95	0.60	0.62	1.92	-0.18	130.91	-166.85	113.59	-149.53	69.70
		1778	6.26	-0.20	-1.05	-0.27	-0.99	-0.22	347.59	-112.89	346.89	-112.19	-17.94
		1777	7.82	-0.12	-0.69	-0.12	-0.69	0.04	80.32	-474.56	80.32	-474.56	-0.84
		1840	7.71	1.10	-1.00	-0.77	0.88	-0.65	70.68	-470.12	67.90	-467.35	38.63
1449	8	1791	7.33	6.75	-0.02	0.07	6.66	-0.79	16.43	-457.97	6.10	-447.63	69.25
		1846	8.48	2.07	-9.03e-03	0.16	1.91	-0.57	19.28	-549.56	19.02	-549.31	11.98
		1843	2.56	2.16	-0.27	-0.17	2.06	-0.49	160.02	-13.78	80.63	65.61	-86.58
		1790	3.06	7.15	0.05	0.14	7.07	-0.78	181.27	1.94	4.35	178.86	-20.67
1449	32	1791	5.47	5.07	-0.02	0.05	5.00	-0.59	12.30	-341.58	4.59	-333.87	51.67
		1846	6.33	1.58	-8.19e-03	0.12	1.45	-0.43	14.74	-409.45	14.56	-409.27	8.68
		1843	1.91	1.65	-0.20	-0.12	1.57	-0.37	119.66	-9.33	60.63	49.70	-64.26
		1790	2.29	5.38	0.04	0.10	5.32	-0.59	135.58	1.45	3.25	133.78	-15.44
1449	37	1791	4.88	4.57	-0.01	0.05	4.51	-0.53	10.99	-304.31	4.28	-297.60	45.50
		1846	5.64	1.45	-9.69e-03	0.11	1.34	-0.40	14.05	-364.25	13.95	-364.16	6.11
		1843	1.73	1.52	-0.18	-0.10	1.45	-0.34	108.65	-7.43	55.23	45.99	-57.86
		1790	2.06	4.86	0.03	0.09	4.80	-0.53	122.08	1.29	3.04	120.33	-14.43
1450	8	1843	3.27	1.92	-0.93	-0.89	1.89	-0.32	208.04	-18.23	124.90	64.91	-109.08
		1771	2.56	0.44	-2.41	0.41	-2.39	-0.27	102.66	-86.45	78.86	-62.65	-62.73
		1770	11.60	-1.65	-3.75	-1.85	-3.55	0.62	880.81	447.75	477.63	850.93	-109.76
		1847	13.27	3.34	0.40	0.73	3.00	-0.93	922.44	106.06	177.21	851.29	-230.27
1450	32	1843	2.44	1.47	-0.69	-0.66	1.44	-0.25	155.44	-12.65	93.62	49.17	-81.05
		1771	1.91	0.33	-1.79	0.31	-1.77	-0.21	78.65	-62.13	61.38	-44.86	-46.19
		1770	8.67	-1.22	-2.77	-1.37	-2.63	0.45	658.05	337.54	359.34	636.25	-80.69
		1847	9.90	2.52	0.29	0.54	2.27	-0.70	688.58	80.25	133.07	635.76	-171.29
1450	37	1843	2.19	1.37	-0.60	-0.57	1.34	-0.24	140.28	-10.21	84.54	45.53	-72.68
		1771	1.72	0.29	-1.57	0.27	-1.54	-0.20	75.04	-51.35	59.85	-36.17	-41.10
		1770	7.76	-1.06	-2.40	-1.17	-2.29	0.36	589.50	307.27	326.31	570.46	-70.79
		1847	8.85	2.30	0.26	0.48	2.08	-0.63	615.81	73.35	120.52	568.64	-152.85
1451	8	1801	9.03	0.67	-18.12	0.41	-17.85	-2.22	42.84	-520.53	41.37	-519.05	28.80
		1851	10.04	2.62	-10.37	0.70	-8.45	4.61	34.71	-615.57	17.18	-598.04	105.32
		1853	9.94	2.74	-12.66	-1.50	-8.43	6.88	2.02	-629.15	-3.35	-623.78	57.96
		1800	10.24	-0.74	-27.87	-0.90	-27.71	-2.04	23.74	-580.37	23.17	-579.81	18.50
1451	32	1801	6.70	0.50	-13.04	0.31	-12.85	-1.60	32.71	-387.11	31.44	-385.84	23.04
		1851	7.47	1.93	-7.50	0.50	-6.08	3.38	26.86	-457.98	12.90	-444.02	81.09
		1853	7.40	2.05	-9.21	-1.11	-6.04	5.07	1.39	-468.74	-3.34	-464.01	46.93
		1800	7.61	-0.55	-20.20	-0.66	-20.09	-1.46	18.04	-433.08	17.44	-432.48	16.41
1451	37	1801	5.86	0.43	-10.51	0.28	-10.35	-1.29	30.17	-340.68	28.79	-339.30	22.60

		1851	6.57	1.64	-6.12	0.39	-4.87	2.85	25.32	-403.37	11.59	-389.64	75.48
		1853	6.53	1.84	-7.61	-0.98	-4.79	4.33	1.16	-415.10	-4.26	-409.68	47.19
		1800	6.70	-0.47	-16.56	-0.56	-16.48	-1.15	16.34	-384.95	15.49	-384.10	18.43
1452	8	1788	16.39	4.96	-0.07	0.02	4.88	-0.64	1050.85	-49.29	-49.29	1050.84	-2.73
		1839	19.46	2.50	-4.68	-0.94	-1.24	3.58	1329.86	68.85	77.92	1320.79	106.57
		1848	14.78	1.66	-4.49	-0.77	-2.05	3.01	963.06	-32.92	82.57	847.57	318.88
		1786	10.50	0.85	-0.42	-0.06	0.49	0.57	683.62	-27.27	-21.41	677.76	64.30
1452	32	1788	12.24	3.76	-0.05	0.01	3.70	-0.48	784.59	-36.84	-36.83	784.58	-1.82
		1839	14.52	1.87	-3.36	-0.67	-0.82	2.61	992.86	52.43	59.23	986.05	79.69
		1848	11.04	1.22	-3.22	-0.59	-1.42	2.18	719.71	-23.96	62.31	633.44	238.15
		1786	7.85	0.72	-0.28	-0.05	0.49	0.42	510.79	-20.34	-15.96	506.41	48.07
1452	37	1788	10.95	3.46	-0.05	7.34e-03	3.40	-0.43	701.79	-32.79	-32.79	701.78	-2.02
		1839	12.97	1.67	-2.69	-0.53	-0.49	2.18	887.15	49.22	55.11	881.26	70.00
		1848	9.87	1.03	-2.57	-0.54	-1.00	1.79	644.31	-19.03	56.98	568.30	211.28
		1786	7.05	0.85	-0.18	-0.04	0.71	0.35	458.09	-17.98	-14.18	454.30	42.35
1453	8	1834	0.81	-0.22	-0.36	-0.34	-0.25	-0.05	45.29	-14.10	-13.71	44.89	4.81
		1836	1.44	1.76	-0.25	1.76	-0.25	-0.08	88.71	-9.73	47.62	31.37	48.55
		1852	5.47	3.34	-2.59	0.36	0.39	-2.96	183.95	-220.56	104.76	-141.36	160.51
		1787	4.78	1.79	0.19	0.23	1.75	-0.23	-20.06	-322.82	-32.63	-310.25	60.39
1453	32	1834	0.61	-0.17	-0.27	-0.25	-0.18	-0.04	34.16	-10.63	-10.34	33.86	3.61
		1836	1.09	1.31	-0.19	1.31	-0.19	-0.06	67.57	-6.54	37.45	23.58	36.40
		1852	4.10	2.51	-1.93	0.28	0.30	-2.22	139.30	-164.44	81.07	-106.22	119.56
		1787	3.58	1.33	0.14	0.17	1.30	-0.17	-15.17	-241.68	-24.30	-232.56	44.55
1453	37	1834	0.56	-0.15	-0.24	-0.23	-0.16	-0.03	31.25	-9.75	-9.49	30.99	3.25
		1836	1.01	1.16	-0.17	1.16	-0.17	-0.04	63.25	-4.64	37.11	21.50	33.03
		1852	3.73	2.26	-1.72	0.25	0.29	-1.99	128.74	-147.58	78.15	-96.99	106.86
		1787	3.23	1.18	0.13	0.15	1.16	-0.14	-13.97	-218.37	-21.67	-210.67	38.93
1454	8	1849	7.38	4.01	-6.86	-0.02	-2.83	5.25	397.52	-116.47	84.16	196.89	250.73
		1784	6.01	5.50	-4.66	-0.47	1.31	5.00	326.49	-79.50	98.20	148.79	201.41
		1783	6.97	7.61	-3.37	0.26	3.99	5.16	18.63	-442.52	-69.27	-354.62	181.13
		1850	7.39	3.62	-8.25	0.19	-4.83	5.38	120.61	-386.41	26.67	-292.47	196.99
1454	32	1849	5.52	2.96	-4.94	-0.02	-1.97	3.83	298.21	-86.21	63.08	148.92	187.35
		1784	4.49	4.02	-3.38	-0.35	0.99	3.64	246.70	-56.17	76.16	114.37	150.23
		1783	5.17	5.57	-2.44	0.19	2.94	3.76	17.37	-326.65	-48.92	-260.36	135.69
		1850	5.50	2.66	-5.95	0.13	-3.43	3.92	91.13	-286.81	19.81	-215.49	147.88
1454	37	1849	4.91	2.54	-3.98	-0.02	-1.43	3.18	268.69	-73.36	56.99	138.35	166.11
		1784	3.99	3.39	-2.79	-0.29	0.90	3.03	225.64	-41.69	73.78	110.17	132.42
		1783	4.52	4.68	-2.01	0.15	2.52	3.13	21.87	-281.79	-37.83	-222.10	120.68
		1850	4.81	2.27	-4.81	0.10	-2.65	3.26	82.89	-250.20	17.75	-185.06	132.12
1455	21	1852	4.98	1.56	-2.15	-0.46	-0.13	1.85	190.27	-186.83	-155.16	158.59	-104.60
		1836	1.88	1.42	-0.32	-0.31	1.42	-0.11	111.53	-16.90	4.25	90.38	-47.64
		1835	5.84	6.21	1.38	2.62	4.97	2.11	403.55	60.68	61.15	403.08	-12.68
1455	35	1852	3.75	1.17	-1.62	-0.35	-0.10	1.39	143.59	-140.90	-117.12	119.81	-78.74
		1836	1.42	1.07	-0.24	-0.23	1.06	-0.08	84.23	-12.69	3.21	68.33	-35.89
		1835	4.41	4.68	1.04	1.98	3.74	1.59	304.63	45.73	46.08	304.27	-9.56
1455	37	1852	3.50	1.07	-1.56	-0.36	-0.13	1.31	127.76	-137.19	-111.13	101.70	-78.90
		1836	1.26	1.05	-0.20	-0.20	1.05	-0.05	72.94	-14.73	2.31	55.90	-34.69
		1835	3.85	4.35	0.97	1.79	3.54	1.45	265.97	40.93	41.53	265.37	-11.65
1456	8	1837	6.23	-2.33	-16.67	-16.64	-2.36	0.70	-33.40	-411.95	-194.55	-250.80	187.17
		1853	9.37	0.62	-10.40	-10.32	0.55	0.90	-37.14	-627.92	-332.96	-332.10	295.39
		1838	7.57	5.49	-6.09	0.41	-1.02	-5.75	-6.66	-481.58	-180.04	-308.20	228.65
1456	32	1837	4.63	-1.58	-12.21	-12.19	-1.60	0.36	-27.86	-307.78	-149.85	-185.79	138.80
		1853	6.96	0.54	-7.59	-7.55	0.50	0.57	-29.07	-467.39	-252.50	-243.97	219.12
		1838	5.61	4.22	-4.47	0.43	-0.69	-4.31	-5.98	-357.11	-136.27	-226.82	169.63
1456	37	1837	4.09	-1.03	-10.22	-10.22	-1.03	5.17e-03	-29.56	-275.24	-141.38	-163.41	122.34
		1853	6.12	0.64	-6.34	-6.33	0.63	0.28	-27.90	-413.31	-230.40	-210.80	192.46
		1838	4.93	3.98	-3.75	0.67	-0.44	-3.82	-6.30	-313.83	-123.95	-196.17	149.47
1457	7	1893	12.35	33.20	24.98	26.72	31.46	3.36	846.65	419.49	731.62	534.52	189.49
		1926	7.27	14.78	1.24	1.28	14.73	0.79	388.50	-111.82	377.38	-100.70	-73.76
		56	22.96	30.41	12.93	24.02	19.32	8.42	1675.08	788.01	984.35	1478.73	368.27
1457	31	1893	9.09	24.23	18.40	19.49	23.14	2.27	623.27	315.67	541.38	397.56	135.95
		1926	5.36	10.88	0.70	0.73	10.85	0.54	285.65	-82.75	277.14	-74.24	-55.36
		56	16.96	22.09	9.59	17.58	14.11	6.00	1238.72	583.99	728.66	1094.05	271.64
1457	37	1893	7.82	20.30	15.81	16.24	19.87	1.32	537.43	294.10	475.66	355.86	105.90
		1926	4.65	9.39	-0.08	-0.07	9.38	0.33	245.19	-72.73	236.74	-64.28	-51.15
		56	14.82	18.10	8.49	14.81	11.78	4.56	1086.02	515.92	641.07	960.87	235.98
1458	8	1887	15.93	47.60	0.30	46.73	1.17	6.37	892.69	-45.38	882.18	-34.87	-98.73
		1888	8.61	37.41	0.01	36.75	0.68	4.94	429.43	-77.66	397.83	-46.05	-122.59
		1916	11.52	28.44	-2.64	23.71	2.10	11.17	608.50	-236.18	475.67	-103.35	-307.50
		1870	16.87	30.80	-2.85	24.97	2.98	12.74	985.36	-153.05	953.20	-120.89	-188.62
1458	32	1887	11.64	35.01	0.22	34.37	0.86	4.68	650.52	-35.94	641.51	-26.93	-78.12
		1888	6.24	27.62	0.01	27.13	0.50	3.64	308.71	-61.28	282.54	-35.11	-94.85
		1916	8.55	20.89	-1.91	17.46	1.52	8.15	446.60	-184.39	341.12	-78.91	-235.43
		1870	12.42	22.53	-2.05	18.33	2.15	9.26	722.38	-119.89	695.44	-92.94	-148.22
1458	37	1887	9.75	30.31	0.21	29.76	0.76	4.04	540.08	-36.47	529.25	-25.64	-78.27
		1888	5.14	24.18	0.02	23.76	0.44	3.17	246.59	-62.36	216.82	-32.59	-91.16
		1916	7.48	18.05	-1.57	15.23	1.25	6.88	377.57	-181.25	269.47	-73.15	-220.73

		1870	10.61	19.27	-1.65	15.84	1.77	7.74	609.39	-117.55	578.62	-86.78	-146.36
1459	22	1874	9.12	18.50	-6.17	14.57	-2.25	9.02	403.75	-258.34	203.03	-57.62	-304.31
		1875	8.98	17.60	-8.28	12.36	-3.05	10.40	256.38	-358.64	-54.23	-48.03	-307.49
		1907	7.98	13.30	-10.80	6.62	-4.12	10.78	194.81	-343.13	-49.47	-98.86	-267.83
		1909	8.17	12.00	-9.45	5.91	-3.37	9.67	326.00	-261.67	191.54	-127.21	-246.85
1459	36	1874	6.80	13.71	-4.55	10.83	-1.67	6.65	297.18	-196.37	143.75	-42.93	-228.44
		1875	6.73	13.05	-6.12	9.21	-2.27	7.68	189.15	-272.17	-47.30	-35.72	-230.59
		1907	5.98	9.81	-7.99	4.89	-3.08	7.95	143.26	-260.00	-43.52	-73.21	-201.08
		1909	6.07	8.84	-6.98	4.37	-2.51	7.12	238.86	-197.87	135.45	-94.46	-185.66
1459	37	1874	5.97	13.39	-4.31	10.63	-1.54	6.42	268.71	-163.40	141.79	-36.47	-196.81
		1875	5.90	12.69	-5.73	9.02	-2.06	7.36	169.59	-231.74	-30.22	-31.93	-200.66
		1907	5.28	9.72	-7.51	5.01	-2.81	7.67	127.94	-224.74	-29.01	-67.79	-175.27
		1909	5.39	8.82	-6.60	4.54	-2.31	6.91	217.16	-169.27	132.28	-84.39	-159.99
1460	8	1923	33.60	26.57	7.04	10.73	22.89	7.64	1654.51	-837.95	753.26	63.29	1197.53
		1885	17.43	29.09	-23.35	-20.86	26.60	-11.16	293.02	-936.68	-736.65	92.98	453.84
		1872	57.18	83.66	19.13	44.58	58.21	31.54	2575.82	-1605.00	1617.81	-646.99	1757.12
		1921	30.04	30.03	-22.09	28.42	-20.47	-9.04	1741.58	-298.34	1588.32	-145.08	537.73
1460	32	1923	24.98	19.37	5.13	7.81	16.68	5.57	1227.10	-627.10	555.63	44.37	891.16
		1885	12.93	21.15	-17.06	-15.23	19.32	-8.15	219.27	-695.30	-543.96	67.93	339.87
		1872	42.30	60.97	13.93	32.54	42.36	23.00	1898.92	-1197.98	1194.30	-493.36	1298.32
		1921	22.22	21.93	-16.10	20.74	-14.92	-6.60	1287.64	-224.06	1172.86	-109.28	400.42
1460	37	1923	21.88	16.60	4.27	6.61	14.26	4.83	1066.97	-559.42	477.34	30.21	781.86
		1885	11.25	17.79	-14.51	-12.95	16.23	-6.92	192.35	-606.64	-468.34	54.04	302.29
		1872	36.62	51.71	11.82	27.68	35.85	19.53	1629.90	-1057.10	1027.80	-455.00	1120.41
		1921	19.26	18.58	-13.44	17.59	-12.46	-5.54	1113.64	-200.98	1010.93	-98.27	352.81
1461	22	1877	20.01	13.75	-1.73	-0.73	12.76	-3.79	1034.22	-451.19	235.52	347.52	740.59
		1883	13.47	40.30	-0.18	0.03	40.09	2.92	693.76	-200.96	70.28	422.51	411.23
		1884	12.95	33.10	0.34	0.52	32.91	2.44	606.22	-330.05	82.12	194.06	464.78
		1920	21.42	13.70	-2.08	-0.97	12.60	-4.02	1063.22	-524.79	426.22	112.22	778.33
1461	36	1877	14.95	10.14	-1.26	-0.54	9.42	-2.77	772.68	-338.08	175.03	259.57	553.77
		1883	10.05	29.71	-0.14	0.02	29.55	2.15	518.28	-150.25	52.66	315.36	307.38
		1884	9.65	24.41	0.25	0.38	24.28	1.80	451.65	-246.83	61.32	143.50	346.81
		1920	15.99	10.12	-1.52	-0.72	9.32	-2.94	792.88	-393.13	316.91	82.85	581.34
1461	37	1877	12.88	9.68	-0.98	-0.46	9.17	-2.29	657.61	-301.24	154.63	201.74	478.85
		1883	8.59	28.20	-0.13	0.02	28.05	2.06	433.66	-135.85	45.66	252.15	265.38
		1884	8.41	23.53	0.24	0.38	23.40	1.75	386.31	-222.16	53.98	110.17	302.93
		1920	13.99	9.79	-1.21	-0.63	9.21	-2.46	687.10	-351.53	282.44	53.13	506.50
1462	8	1931	9.48	19.88	-13.34	11.15	-4.60	14.62	158.86	-440.87	-226.89	-55.11	-287.30
		1873	7.14	18.23	-9.03	10.85	-1.65	12.11	158.04	-302.04	-58.86	-85.14	-229.66
		1908	8.43	22.40	-6.24	14.96	1.19	12.55	305.43	-256.90	13.29	35.23	-280.95
		1904	9.36	21.43	-11.13	14.16	-3.86	13.56	229.83	-378.82	-154.15	5.15	-293.72
1462	32	1931	7.11	14.68	-9.63	8.35	-3.30	10.67	116.22	-334.49	-178.79	-39.48	-214.32
		1873	5.30	13.54	-6.42	8.13	-1.01	8.88	113.45	-226.93	-52.01	-61.47	-170.13
		1908	6.26	16.43	-4.49	10.92	1.02	9.21	224.14	-193.75	2.23	28.17	-208.54
		1904	7.00	15.66	-8.09	10.35	-2.78	9.90	169.54	-286.57	-122.97	5.94	-218.76
1462	37	1931	6.41	12.81	-7.89	7.55	-2.63	9.01	98.39	-308.68	-177.92	-32.36	-190.08
		1873	4.66	11.98	-5.05	7.33	-0.39	7.59	92.55	-205.16	-61.40	-51.22	-148.77
		1908	5.52	14.13	-3.67	9.26	1.20	7.93	192.51	-176.46	-12.40	28.45	-183.35
		1904	6.26	13.35	-6.76	8.82	-2.24	8.40	146.83	-263.17	-125.44	9.09	-193.65
1463	8	1870	16.39	29.99	-1.56	26.80	1.62	-9.50	956.83	-132.00	342.54	482.29	-539.91
		1925	11.89	21.39	-5.88	20.58	-5.06	-4.64	675.70	-165.14	157.11	353.44	-408.80
		1910	11.96	13.45	-8.29	13.44	-8.28	-0.39	675.58	-195.17	229.07	251.35	-435.23
		1912	16.45	15.18	-5.96	15.11	-5.89	-1.24	980.84	-166.99	492.81	321.03	-567.45
1463	32	1870	12.03	21.94	-1.10	19.57	1.27	-7.00	699.50	-102.69	239.41	357.40	-396.73
		1925	8.71	15.60	-4.25	14.99	-3.64	-3.43	492.06	-127.47	102.70	261.89	-299.37
		1910	8.73	9.72	-6.01	9.71	-6.01	-0.31	490.66	-147.90	156.58	186.18	-318.94
		1912	12.04	10.99	-4.30	10.93	-4.24	-0.93	715.54	-126.71	351.24	237.59	-417.28
1463	37	1870	10.17	18.78	-0.82	16.64	1.32	-6.11	585.55	-98.85	176.82	309.87	-335.67
		1925	7.34	13.24	-3.48	12.66	-2.90	-3.06	407.26	-121.59	58.69	226.99	-250.68
		1910	7.30	8.06	-4.97	8.05	-4.96	-0.35	402.98	-135.27	106.32	161.39	-267.71
		1912	10.10	9.17	-3.48	9.10	-3.41	-0.90	595.76	-115.01	274.73	206.02	-353.72
1464	22	1905	9.38	15.38	-12.04	7.59	-4.25	12.37	149.19	-458.59	-235.25	-74.15	-293.02
		1903	9.92	17.06	-11.44	9.35	-3.72	12.67	178.36	-470.18	-247.63	-44.19	-307.90
		1895	8.62	13.63	-9.47	7.91	-3.76	9.97	134.86	-428.17	-249.42	-43.89	-262.09
		1858	8.39	11.24	-11.04	4.77	-4.56	10.12	89.06	-448.47	-256.95	-102.46	-257.42
1464	36	1905	7.05	11.36	-8.92	5.62	-3.18	9.14	110.89	-346.29	-180.73	-54.67	-219.73
		1903	7.45	12.63	-8.46	6.93	-2.77	9.36	132.78	-354.40	-189.35	-32.28	-230.58
		1895	6.47	10.00	-7.03	5.77	-2.80	7.36	101.08	-322.52	-190.19	-31.25	-196.33
		1858	6.30	8.23	-8.20	3.44	-3.41	7.47	66.62	-338.15	-196.49	-75.04	-193.06
1464	37	1905	6.25	11.18	-8.37	5.62	-2.81	8.82	97.81	-302.73	-151.39	-53.53	-194.20
		1903	6.62	12.32	-7.99	6.78	-2.45	9.05	119.04	-309.85	-156.83	-33.97	-205.46
		1895	5.75	10.12	-6.59	6.04	-2.51	7.18	86.58	-284.40	-160.35	-37.47	-175.02
		1858	5.60	8.39	-7.64	3.80	-3.05	7.25	54.79	-299.07	-167.78	-76.50	-170.94
1465	8	1873	7.46	18.28	-8.58	3.91	5.80	13.40	188.06	-303.45	93.85	-209.24	-193.47
		1868	4.11	12.06	-3.39	3.64	5.03	7.69	15.69	-229.73	-11.51	-202.53	-77.05
		1918	7.81	20.64	0.82	7.78	13.68	9.46	410.58	-127.26	373.25	-89.93	-136.70
		1908	8.37	22.75	-6.71	7.69	8.35	14.73	301.25	-253.82	153.44	-106.01	-245.35

1465	32	1873	5.52	13.59	-6.09	3.04	4.46	9.81	134.65	-228.16	60.99	-154.49	-145.95
		1868	3.04	9.15	-2.26	2.94	3.95	5.68	8.02	-171.34	-13.41	-149.91	-58.18
		1918	5.72	15.23	0.64	5.63	10.24	6.92	299.22	-93.74	270.17	-64.68	-102.83
		1908	6.22	16.70	-4.84	5.59	6.26	10.76	221.44	-191.32	107.27	-77.15	-184.63
1465	37	1873	4.84	12.03	-4.78	2.96	4.29	8.38	109.21	-206.52	37.29	-134.60	-132.42
		1868	2.67	8.48	-1.47	3.04	3.97	4.95	0.47	-152.39	-20.56	-131.36	-52.65
		1918	4.90	13.29	0.62	4.65	9.25	5.90	253.59	-81.05	225.56	-53.01	-92.71
		1908	5.49	14.38	-3.98	4.70	5.69	9.17	190.87	-174.05	81.85	-65.03	-167.03
1466	8	1864	11.24	1.40	-21.10	-3.79	-15.91	-9.47	687.74	-44.44	539.41	103.88	294.28
		1920	16.83	15.63	-2.70	-2.70	15.62	-0.35	860.30	-367.46	636.33	-143.49	474.15
		1923	21.47	12.93	5.45	5.47	12.91	0.39	1163.26	-421.02	1086.41	-344.17	340.37
		1863	14.47	5.50	-20.06	0.51	-15.07	-10.13	932.08	-7.44	931.93	-7.29	11.82
1466	32	1864	8.44	1.01	-15.36	-2.76	-11.59	-6.90	516.08	-34.56	401.86	79.65	223.26
		1920	12.58	11.38	-1.98	-1.97	11.38	-0.26	643.14	-275.71	473.69	-106.26	356.35
		1923	15.98	9.42	3.96	3.98	9.40	0.28	863.59	-316.45	805.44	-258.30	255.42
		1863	10.76	4.01	-14.60	0.37	-10.96	-7.38	693.17	-7.15	692.96	-6.93	12.35
1466	37	1864	7.49	0.79	-12.64	-2.25	-9.60	-5.62	456.55	-37.35	350.61	68.59	202.74
		1920	11.14	9.59	-1.62	-1.62	9.59	-0.12	567.03	-249.31	414.87	-97.14	317.90
		1923	14.04	8.00	3.39	3.42	7.97	0.34	752.66	-286.64	700.27	-234.24	227.39
		1863	9.44	3.33	-12.02	0.38	-9.07	-6.05	605.19	-14.07	604.73	-13.61	16.83
1467	8	1901	33.04	26.99	16.00	26.58	16.41	-2.08	2181.79	90.94	1976.72	296.00	-621.86
		1929	31.47	7.29	-5.89	6.13	-4.73	-3.74	2129.83	137.20	1924.42	342.61	-605.90
		1854	31.71	1.75	-8.89	-7.54	0.40	3.54	2230.64	337.95	1935.94	632.65	-686.24
		1878	40.10	-5.84	-29.36	-23.71	-11.49	-10.05	2925.20	686.39	2498.91	1112.68	-879.01
1467	32	1901	24.31	19.66	11.70	19.34	12.02	-1.56	1605.58	65.41	1454.40	216.59	-458.24
		1929	23.11	5.30	-4.26	4.41	-3.36	-2.78	1563.94	99.05	1411.43	251.56	-447.38
		1854	23.28	1.31	-6.52	-5.57	0.36	2.55	1637.07	246.12	1418.30	464.88	-506.39
		1878	29.47	-4.18	-21.40	-17.32	-8.26	-7.32	2150.06	505.35	1835.19	820.22	-647.09
1467	37	1901	20.78	16.46	10.04	16.09	10.40	-1.48	1374.72	59.09	1246.08	187.73	-390.76
		1929	19.64	4.50	-3.32	3.59	-2.41	-2.51	1330.61	87.15	1198.14	219.62	-383.63
		1854	19.77	1.25	-5.50	-4.83	0.59	2.01	1391.62	211.92	1200.18	403.35	-434.96
		1878	25.13	-3.04	-17.86	-14.53	-6.37	-6.19	1837.72	443.83	1565.15	716.40	-552.84
1468	8	1915	21.38	12.91	-2.14	10.10	0.67	5.86	1333.07	-116.67	1330.90	-114.49	-56.13
		1912	16.12	14.10	-5.07	9.89	-0.86	7.93	964.82	-156.17	943.63	-134.98	-152.67
		1898	15.11	2.40	-12.17	-6.27	-3.50	7.15	817.64	-275.60	801.22	-259.18	-132.96
		1855	19.96	-0.48	-10.81	-8.19	-3.10	4.50	1192.84	-204.23	1187.66	-199.05	-84.86
1468	32	1915	15.66	9.34	-1.50	7.36	0.48	4.19	975.01	-88.97	973.00	-86.96	-46.26
		1912	11.79	10.21	-3.64	7.20	-0.64	5.71	703.48	-118.61	686.26	-101.39	-117.75
		1898	11.04	1.63	-8.90	-4.69	-2.58	5.16	594.44	-205.42	581.15	-192.13	-102.25
		1855	14.62	-0.44	-7.89	-6.06	-2.28	3.21	871.16	-153.22	866.82	-148.88	-66.51
1468	37	1915	13.19	7.79	-1.06	6.28	0.45	3.33	818.66	-79.93	815.91	-77.17	-49.67
		1912	9.88	8.51	-2.90	6.15	-0.54	4.62	584.88	-107.75	566.33	-89.20	-111.80
		1898	9.24	1.13	-7.50	-4.14	-2.23	4.21	490.03	-180.41	475.64	-166.02	-97.18
		1855	12.30	-0.56	-6.60	-5.24	-1.92	2.52	728.68	-134.92	723.59	-129.84	-66.08
1469	8	1900	35.13	28.59	10.34	28.54	10.39	-0.96	2144.95	-229.89	2121.18	-206.11	236.44
		1917	25.97	28.33	4.47	26.10	6.70	6.94	1551.90	-206.55	1536.31	-190.96	-164.85
		1915	21.63	13.36	-1.26	10.27	1.83	5.97	1343.91	-124.67	1343.75	-124.51	15.34
		1902	26.07	9.82	-0.71	9.78	-0.68	0.58	1680.60	-46.07	1674.34	-39.81	103.77
1469	32	1900	25.86	20.91	7.52	20.87	7.56	-0.77	1577.10	-172.95	1560.31	-156.16	170.58
		1917	19.10	20.69	3.31	19.12	4.88	4.98	1139.18	-156.72	1126.41	-143.95	-128.02
		1915	15.84	9.67	-0.86	7.49	1.32	4.26	982.77	-94.71	982.74	-94.67	6.29
		1902	19.13	7.16	-0.51	7.14	-0.50	0.34	1231.96	-36.64	1227.84	-32.51	72.24
1469	37	1900	22.09	17.86	6.42	17.80	6.48	-0.83	1344.47	-152.77	1331.29	-139.59	139.83
		1917	16.27	17.63	2.96	16.42	4.17	4.04	965.33	-141.99	951.64	-128.30	-122.38
		1915	13.34	8.04	-0.52	6.40	1.12	3.37	824.84	-84.51	824.81	-84.49	-4.97
		1902	16.20	6.10	-0.33	6.10	-0.33	0.05	1042.04	-32.97	1039.38	-30.31	53.40
1470	8	1870	16.31	29.93	-2.21	23.22	4.50	13.07	948.91	-134.48	946.33	-131.91	-52.79
		1916	10.72	28.27	-2.61	22.50	3.17	12.04	568.26	-199.53	500.61	-131.87	-217.64
		1874	9.25	21.32	-7.08	10.75	3.50	13.73	450.40	-220.30	399.43	-169.33	-177.73
		1925	11.82	21.22	-5.67	11.95	3.60	12.78	668.87	-166.60	661.36	-159.09	-78.85
1470	32	1870	11.97	21.91	-1.58	17.06	3.26	9.51	693.82	-104.57	691.10	-101.86	-46.51
		1916	7.91	20.76	-1.88	16.58	2.30	8.79	415.29	-155.73	360.36	-100.81	-168.36
		1874	6.88	15.57	-5.15	7.91	2.51	10.00	327.84	-170.51	285.88	-128.55	-138.38
		1925	8.66	15.48	-4.10	8.79	2.58	9.29	487.01	-128.52	479.97	-121.49	-65.43
1470	37	1870	10.13	18.76	-1.25	14.79	2.72	7.98	581.04	-100.71	576.39	-96.06	-56.13
		1916	6.81	17.95	-1.53	14.49	1.93	7.44	347.07	-153.04	287.80	-93.77	-161.64
		1874	6.01	13.27	-4.27	6.95	2.05	8.42	270.89	-164.82	223.97	-117.90	-135.07
		1925	7.30	13.14	-3.37	7.67	2.10	7.77	402.86	-122.47	392.74	-112.35	-72.22
1471	22	1906	8.63	14.31	-11.67	7.81	-5.17	11.25	148.48	-413.03	-199.03	-65.52	-272.70
		1905	9.36	15.30	-12.02	8.83	-5.54	11.62	148.62	-457.74	-266.70	-42.42	-281.68
		1858	8.36	11.16	-10.79	5.96	-5.59	9.34	89.71	-447.12	-285.07	-72.33	-246.44
		1896	7.69	9.14	-11.67	3.07	-5.60	9.46	82.07	-411.92	-215.85	-114.00	-241.69
1471	36	1906	6.48	10.56	-8.64	5.77	-3.85	8.31	109.86	-312.51	-154.44	-48.20	-204.39
		1905	7.03	11.30	-8.90	6.53	-4.13	8.58	110.44	-345.67	-204.32	-30.91	-210.93
		1858	6.28	8.17	-8.02	4.32	-4.17	6.89	67.12	-337.15	-217.57	-52.46	-184.51
		1896	5.78	6.68	-8.67	2.19	-4.17	6.98	60.70	-310.98	-166.65	-83.63	-181.15
1471	37	1906	5.73	10.43	-8.10	5.83	-3.50	8.01	96.95	-272.11	-128.18	-46.97	-180.01

		1905	6.23	11.11	-8.34	6.50	-3.73	8.27	97.46	-302.11	-172.17	-32.47	-187.17
		1858	5.58	8.34	-7.48	4.65	-3.79	6.69	55.17	-298.11	-186.47	-56.46	-164.24
		1896	5.13	6.85	-8.08	2.59	-3.81	6.75	50.10	-275.24	-141.58	-83.56	-160.06
1472	22	1890	5.19	12.46	0.25	12.43	0.27	0.55	85.74	-266.14	-185.53	5.13	-147.88
		1891	5.52	0.40	-4.15	-3.93	0.18	0.98	64.52	-324.17	-272.18	12.54	-132.30
		1911	10.71	14.05	-12.22	3.60	-1.77	12.86	203.62	-512.81	-246.75	-62.44	-346.16
		1913	11.32	15.93	-6.97	9.90	-0.93	10.09	285.83	-501.04	-177.95	-37.26	-387.10
1472	36	1890	3.95	9.40	0.19	9.38	0.21	0.41	63.02	-203.74	-144.60	3.88	-110.81
		1891	4.18	0.30	-2.98	-2.80	0.13	0.73	47.79	-246.78	-208.33	9.35	-99.23
		1911	8.04	10.52	-9.05	2.79	-1.32	9.57	151.27	-387.02	-189.33	-46.42	-259.48
		1913	8.50	11.89	-5.16	7.44	-0.70	7.49	212.14	-378.92	-138.85	-27.93	-290.28
1472	37	1890	3.36	9.07	0.16	9.05	0.18	0.38	57.22	-168.84	-114.95	3.33	-96.32
		1891	3.49	0.30	-2.29	-2.12	0.13	0.64	42.72	-205.19	-170.89	8.42	-85.60
		1911	6.99	9.84	-8.17	2.79	-1.13	8.79	133.53	-331.32	-154.28	-43.50	-225.73
		1913	7.41	11.38	-4.71	7.26	-0.59	7.02	188.71	-323.83	-110.40	-24.72	-252.66
1473	7	1918	8.12	22.99	2.10	15.79	9.30	9.93	417.34	-140.48	230.22	46.64	-263.37
		1926	8.11	18.49	-1.46	8.65	8.38	9.97	533.35	54.27	342.83	244.79	-234.47
		1893	12.20	40.01	14.04	34.32	19.74	10.74	843.29	450.93	803.54	490.67	-118.39
		1860	8.32	30.78	-1.30	27.45	2.03	9.78	571.71	109.52	305.44	375.79	-228.40
1473	31	1918	5.94	17.01	1.61	11.49	7.13	7.38	303.10	-103.89	162.57	36.64	-193.51
		1926	5.97	13.69	-1.49	6.10	6.10	7.59	391.43	40.52	250.83	181.11	-171.96
		1893	8.97	29.41	10.23	25.05	14.59	8.04	620.11	338.64	590.74	368.01	-86.05
		1860	6.17	22.47	-1.06	19.87	1.54	7.37	422.56	80.88	220.13	283.30	-167.89
1473	37	1918	5.02	14.97	1.57	9.49	7.05	6.59	248.76	-91.74	118.02	38.99	-165.60
		1926	5.16	12.08	-2.64	4.39	5.06	7.35	333.64	36.78	211.32	159.10	-146.12
		1893	7.71	25.24	8.45	20.92	12.76	7.34	532.59	313.30	506.82	339.07	-70.62
		1860	5.50	18.78	-1.29	16.04	1.45	6.89	371.10	69.20	174.67	265.63	-143.93
1474	7	1908	8.46	23.64	-6.76	14.57	2.31	13.91	326.23	-235.27	78.89	12.06	-278.75
		1918	7.90	21.74	-0.76	11.68	9.30	11.19	418.92	-113.21	294.27	11.45	-225.38
		1860	7.64	30.76	2.14	23.44	9.46	12.49	544.83	121.21	399.95	266.09	-200.96
		1894	7.24	25.41	-4.20	19.34	1.87	11.95	335.27	-132.08	93.11	110.08	-233.52
1474	31	1908	6.29	17.33	-4.84	10.61	1.87	10.19	239.19	-178.60	48.94	11.65	-208.06
		1918	5.80	16.04	-0.52	8.45	7.06	8.25	305.30	-84.44	210.36	10.51	-167.30
		1860	5.66	22.44	1.53	16.89	7.09	9.23	402.17	89.82	289.96	202.03	-149.86
		1894	5.42	18.41	-3.07	13.89	1.45	8.75	248.78	-101.46	60.90	86.42	-174.66
1474	37	1908	5.66	14.71	-3.77	8.77	2.17	8.62	204.46	-172.61	12.87	18.98	-188.51
		1918	4.96	13.96	-0.36	6.83	6.77	7.16	254.02	-76.98	161.25	15.78	-148.66
		1860	5.03	18.75	1.15	13.41	6.50	8.09	351.72	77.86	235.69	193.89	-135.32
		1894	4.97	14.94	-2.58	10.87	1.49	7.40	222.40	-102.64	27.99	91.76	-159.36
1475	22	1911	9.62	13.64	-13.27	4.20	-3.83	12.84	156.23	-472.16	-277.73	-38.20	-290.48
		1928	8.64	15.41	-12.73	5.24	-2.56	13.52	74.84	-457.02	-269.00	-113.18	-254.26
		1931	9.37	17.53	-10.47	9.58	-2.51	12.63	119.48	-475.24	-264.24	-91.53	-284.54
		1930	10.31	18.26	-12.54	10.16	-4.44	13.55	183.86	-487.16	-239.84	-63.46	-323.71
1475	36	1911	7.24	10.21	-9.84	3.23	-2.86	9.55	116.05	-356.73	-212.58	-28.09	-217.65
		1928	6.49	11.59	-9.39	4.10	-1.90	10.05	54.94	-344.49	-205.09	-84.46	-190.39
		1931	7.03	13.06	-7.67	7.22	-1.83	9.32	88.31	-358.00	-201.91	-67.79	-212.84
		1930	7.73	13.59	-9.28	7.63	-3.32	10.04	136.30	-367.42	-183.97	-47.15	-242.39
1475	37	1911	6.27	9.58	-8.82	3.22	-2.46	8.75	102.04	-304.40	-173.93	-28.42	-189.75
		1928	5.62	10.41	-8.68	3.35	-1.62	9.21	49.69	-294.14	-165.65	-78.79	-166.34
		1931	6.20	12.34	-7.52	6.54	-1.72	9.03	81.73	-309.36	-161.37	-66.26	-189.67
		1930	6.82	12.90	-8.65	7.11	-2.86	9.55	122.98	-318.22	-150.28	-44.96	-214.22
1476	22	1867	38.50	-14.60	-30.35	-16.15	-28.79	-4.70	1631.67	-1267.21	-675.24	1039.69	1168.60
		1919	30.70	14.59	0.17	2.41	12.35	-5.22	1933.16	-197.85	514.97	1220.33	1005.44
		1924	23.74	17.33	-3.50	-2.95	16.77	-3.34	1329.11	-410.74	375.41	542.96	865.89
		1866	26.44	8.26	-25.20	1.03	-17.97	-13.77	1345.85	-514.24	51.93	779.68	855.91
1476	36	1867	28.91	-10.79	-22.35	-11.87	-21.27	-3.36	1226.95	-950.30	-507.66	784.32	876.24
		1919	23.06	10.73	0.12	1.83	9.02	-3.90	1453.83	-145.75	386.26	921.82	753.63
		1924	17.80	12.75	-2.57	-2.16	12.35	-2.47	997.35	-307.22	281.01	409.13	649.13
		1866	19.83	6.12	-18.52	0.82	-13.21	-10.13	1010.06	-387.32	36.55	586.19	642.37
1476	37	1867	24.81	-9.69	-20.03	-10.69	-19.04	-3.05	1044.39	-823.31	-443.45	664.54	751.78
		1919	19.62	9.72	0.51	1.70	8.54	-3.08	1235.80	-129.31	328.88	777.61	644.63
		1924	15.08	11.70	-2.09	-1.82	11.43	-1.91	840.33	-268.20	238.96	333.18	552.26
		1866	16.85	5.39	-16.64	0.77	-12.02	-8.97	848.38	-337.53	25.20	485.65	546.44
1477	8	1888	8.44	37.49	0.21	37.46	0.23	0.95	426.28	-62.94	366.41	-3.08	-160.32
		1889	4.53	26.26	0.07	26.23	0.10	0.79	189.16	-126.51	59.63	3.03	-155.28
		1914	10.61	22.38	-4.05	18.52	-0.19	9.34	396.45	-365.00	74.70	-43.25	-376.13
		1916	11.72	28.31	-2.75	25.62	-0.06	8.74	617.32	-242.11	416.22	-41.01	-363.86
1477	36	1888	5.40	25.36	0.15	25.34	0.17	0.64	262.38	-65.39	199.58	-2.59	-129.00
		1889	3.46	18.15	0.07	18.13	0.08	0.53	115.72	-131.55	-18.13	2.31	-123.21
		1914	8.32	14.92	-2.63	12.49	-0.20	6.06	279.40	-319.54	-5.29	-34.84	-299.11
		1916	8.71	18.60	-1.71	16.98	-0.09	5.51	427.42	-224.67	238.08	-35.33	-296.00
1477	37	1888	5.01	24.22	0.14	24.21	0.16	0.61	243.92	-52.12	193.98	-2.18	-110.86
		1889	2.96	17.32	0.06	17.31	0.07	0.50	106.66	-106.68	-2.06	2.04	-106.65
		1914	7.24	14.38	-2.46	12.08	-0.16	5.78	248.83	-270.15	8.48	-29.80	-258.78
		1916	7.59	17.97	-1.64	16.40	-0.06	5.33	383.11	-184.70	227.27	-28.86	-253.38
1478	22	1922	21.55	15.50	-1.55	0.21	13.75	-5.18	1169.70	-425.28	50.72	693.70	729.82
		1882	16.34	47.28	-0.03	-3.05e-03	47.25	1.16	889.29	-138.32	35.75	715.22	385.46

		1883	13.57	40.13	-0.07	-0.04	40.10	0.98	696.87	-209.49	32.16	455.22	400.79
		1877	20.03	13.69	-1.77	-0.28	12.19	-4.57	1040.59	-444.54	166.39	429.66	730.80
1478	36	1922	16.13	11.42	-1.12	0.16	10.14	-3.79	875.72	-318.50	37.18	520.04	546.12
		1882	12.21	34.82	-0.02	-1.82e-03	34.80	0.85	666.20	-103.29	26.88	536.03	288.48
		1883	10.13	29.57	-0.05	-0.03	29.55	0.72	520.62	-156.71	24.12	339.79	299.63
		1877	14.97	10.09	-1.29	-0.21	9.00	-3.34	777.43	-333.10	123.32	321.01	546.39
1478	37	1922	13.74	10.72	-0.85	0.14	9.73	-3.24	739.14	-281.50	33.05	424.59	471.28
		1882	10.37	32.65	-0.02	2.93e-03	32.63	0.82	555.95	-92.89	23.33	439.73	248.80
		1883	8.66	28.07	-0.04	-0.03	28.05	0.70	436.02	-141.64	21.06	273.31	259.84
		1877	12.90	9.63	-1.01	-0.19	8.80	-2.85	661.83	-296.89	110.03	254.91	473.85
1479	22	1907	7.83	13.35	-10.76	7.32	-4.73	10.44	188.23	-337.78	-68.62	-80.93	-262.93
		1906	8.60	14.22	-11.69	7.95	-5.41	11.10	148.99	-411.18	-203.53	-58.66	-270.56
		1896	7.66	8.97	-11.47	3.26	-5.75	9.18	81.39	-411.59	-220.69	-109.52	-240.14
		1857	7.02	7.05	-11.94	0.53	-5.42	9.01	120.76	-348.03	-82.87	-144.40	-232.37
1479	36	1907	5.88	9.85	-7.96	5.41	-3.52	7.70	138.39	-256.05	-57.89	-59.77	-197.21
		1906	6.47	10.49	-8.65	5.87	-4.03	8.19	110.26	-311.14	-157.81	-43.06	-202.74
		1896	5.76	6.56	-8.52	2.33	-4.29	6.77	60.20	-310.75	-170.27	-80.28	-179.94
		1857	5.26	5.14	-8.85	0.32	-4.04	6.65	88.05	-262.62	-68.18	-106.38	-174.29
1479	37	1907	5.18	9.76	-7.48	5.51	-3.23	7.43	123.69	-221.19	-41.53	-55.96	-172.29
		1906	5.71	10.36	-8.11	5.92	-3.67	7.89	97.23	-270.92	-131.20	-42.49	-178.65
		1896	5.11	6.74	-7.94	2.72	-3.92	6.55	49.60	-274.95	-144.79	-80.57	-159.07
		1857	4.68	5.33	-8.27	0.77	-3.72	6.42	77.18	-232.84	-53.15	-102.52	-153.03
1480	22	1889	4.41	24.33	0.18	24.33	0.18	0.07	152.57	-163.40	-24.11	13.27	-156.88
		1890	5.39	12.27	0.14	12.26	0.15	0.33	93.81	-274.74	-194.33	13.41	-152.21
		1913	11.17	15.89	-6.85	10.26	-1.22	9.81	278.01	-497.52	-188.68	-30.82	-379.64
		1914	11.14	20.03	-3.65	17.09	-0.71	7.81	382.79	-419.38	-13.96	-22.63	-401.06
1480	36	1889	3.35	18.20	0.14	18.20	0.14	0.05	111.26	-126.38	-25.08	9.96	-117.53
		1890	4.10	9.26	0.11	9.25	0.11	0.25	69.08	-210.20	-151.17	10.04	-114.02
		1913	8.39	11.86	-5.06	7.71	-0.92	7.28	206.31	-376.23	-146.89	-23.03	-284.61
		1914	8.36	14.92	-2.69	12.76	-0.53	5.78	283.67	-318.11	-17.44	-17.00	-300.89
1480	37	1889	2.86	17.36	0.12	17.36	0.12	0.05	102.79	-102.11	-8.00	8.67	-102.11
		1890	3.48	8.95	0.10	8.95	0.10	0.21	62.53	-174.44	-120.75	8.84	-99.20
		1913	7.31	11.34	-4.63	7.51	-0.79	6.82	183.37	-321.68	-117.51	-20.79	-247.85
		1914	7.27	14.38	-2.51	12.34	-0.47	5.51	252.67	-268.90	-1.96	-14.27	-260.71
1481	8	1912	16.05	14.57	-5.31	11.78	-2.52	6.91	963.71	-151.41	890.77	-78.48	-275.71
		1910	11.74	13.52	-8.59	9.71	-4.78	8.34	665.77	-187.74	564.17	-86.14	-276.39
		1856	10.89	4.29	-12.64	-2.09	-6.27	8.20	510.58	-289.04	417.42	-195.89	-256.53
		1898	15.08	2.24	-12.12	-4.52	-5.35	7.17	818.55	-272.22	754.64	-208.30	-256.19
1481	32	1912	11.74	10.55	-3.82	8.56	-1.83	4.97	702.65	-115.14	646.14	-58.62	-207.42
		1910	8.57	9.77	-6.23	7.04	-3.49	6.03	483.27	-142.33	404.50	-63.56	-207.55
		1856	7.95	2.99	-9.26	-1.66	-4.60	5.95	368.65	-215.47	296.66	-143.47	-192.01
		1898	11.02	1.51	-8.86	-3.42	-3.92	5.18	595.14	-202.91	545.94	-153.71	-191.94
1481	37	1912	9.83	8.81	-3.06	7.25	-1.50	4.01	584.16	-104.83	529.59	-50.26	-186.06
		1910	7.16	8.12	-5.14	5.92	-2.94	4.93	396.34	-130.27	319.78	-53.72	-185.62
		1856	6.65	2.26	-7.86	-1.66	-3.94	4.93	297.29	-190.76	227.47	-120.95	-170.87
		1898	9.22	1.03	-7.46	-3.11	-3.32	4.24	490.68	-178.21	443.54	-131.07	-171.20
1482	8	1929	30.92	10.37	0.05	10.09	0.34	1.69	2079.93	110.06	2024.16	165.83	326.72
		1902	26.85	11.20	-0.63	10.79	-0.22	2.15	1721.51	-58.76	1677.98	-15.23	274.95
		1899	25.17	-1.76	-8.85	-8.45	-2.16	1.63	1653.03	-3.58	1640.22	9.23	145.11
		1854	31.55	-3.92	-11.11	-10.11	-4.93	-2.49	2218.27	326.39	2204.44	340.23	161.20
1482	32	1929	22.72	7.55	0.07	7.37	0.25	1.15	1527.27	78.94	1487.05	119.15	237.97
		1902	19.70	8.15	-0.44	7.89	-0.18	1.47	1262.09	-45.88	1231.27	-15.05	198.41
		1899	18.46	-1.34	-6.46	-6.21	-1.59	1.11	1210.82	-5.79	1202.03	3.00	103.00
		1854	23.17	-2.79	-8.17	-7.39	-3.57	-1.89	1628.15	237.74	1618.47	247.42	115.62
1482	37	1929	19.30	6.38	0.24	6.31	0.31	0.68	1299.20	69.35	1266.58	101.98	197.64
		1902	16.68	6.91	-0.23	6.77	-0.09	0.98	1067.77	-40.62	1043.82	-16.67	161.15
		1899	15.61	-1.20	-5.37	-5.25	-1.33	0.71	1022.57	-7.36	1016.55	-1.34	78.52
		1854	19.68	-2.05	-6.97	-6.14	-2.88	-1.85	1384.47	205.15	1377.50	212.12	90.39
1483	22	1924	26.13	17.41	-2.17	0.81	14.42	-7.04	1466.13	-451.56	-17.52	1032.08	802.47
		1881	21.24	56.14	-0.04	0.07	56.04	2.44	1203.68	-98.94	75.33	1029.41	443.43
		1882	16.49	46.72	-0.23	-0.13	46.61	2.26	892.88	-153.42	49.47	689.99	413.67
		1922	21.38	15.86	-1.35	0.04	14.46	-4.70	1161.85	-421.86	88.76	651.24	740.23
1483	36	1924	19.59	12.82	-1.58	0.61	10.62	-5.18	1099.97	-337.56	-13.51	775.93	600.68
		1881	15.91	41.33	-0.03	0.05	41.25	1.79	904.08	-73.58	56.56	773.94	332.12
		1882	12.32	34.40	-0.17	-0.09	34.32	1.67	668.87	-114.65	37.13	517.09	309.65
		1922	16.01	11.68	-0.98	0.03	10.66	-3.44	869.81	-315.98	65.62	488.21	553.97
1483	37	1924	16.65	11.79	-1.21	0.54	10.04	-4.44	929.76	-295.56	-12.29	646.48	516.58
		1881	13.55	38.29	-0.02	0.05	38.22	1.69	759.76	-65.75	48.93	645.08	285.51
		1882	10.47	32.26	-0.15	-0.08	32.18	1.58	558.45	-102.84	32.18	423.43	266.57
		1922	13.63	10.96	-0.73	0.04	10.19	-2.91	734.10	-279.29	57.67	397.13	477.42
1484	8	1873	7.67	18.69	-8.65	-8.56	18.60	-1.58	195.21	-311.05	135.73	-251.57	163.02
		1876	4.61	11.87	-13.60	-13.47	11.74	1.84	-39.86	-269.12	-43.85	-265.14	29.97
		1868	3.73	12.16	-2.59	-2.33	11.90	-1.94	20.81	-193.50	4.79	-177.48	56.36
1484	36	1873	5.44	13.33	-4.73	-4.66	13.26	-1.08	115.27	-238.11	93.16	-215.99	85.59
		1876	3.44	10.36	-7.88	-7.65	10.13	2.04	-34.22	-199.72	-34.23	-199.72	-0.96
		1868	3.11	9.85	-0.38	-0.23	9.70	-1.24	-0.81	-174.52	-8.18	-167.15	35.03
1484	37	1873	4.97	12.32	-4.86	-4.80	12.26	-1.05	114.56	-209.74	85.73	-180.91	92.29

		1876	3.07	8.76	-7.73	-7.58	8.62	1.55	-31.22	-179.84	-31.82	-179.23	9.46
		1868	2.62	8.58	-0.91	-0.74	8.41	-1.28	5.95	-142.15	-2.69	-133.50	34.72
1485	22	1906	8.70	14.28	-11.80	-8.21	10.69	8.98	154.06	-413.71	122.00	-381.66	-131.05
		1871	9.69	17.60	-10.77	-6.13	12.96	10.49	192.28	-445.21	146.02	-398.96	-165.37
		1905	9.32	15.15	-12.25	-8.14	11.04	9.79	145.52	-457.23	90.85	-402.56	-173.10
1485	36	1906	6.54	10.54	-8.74	-6.08	7.88	6.65	114.00	-312.98	88.49	-287.46	-101.21
		1871	7.28	13.07	-7.97	-4.50	9.60	7.81	142.28	-336.73	106.10	-300.54	-126.59
		1905	7.00	11.19	-9.08	-6.02	8.13	7.25	108.09	-345.24	65.48	-302.63	-132.29
1485	37	1906	5.78	10.41	-8.20	-5.61	7.82	6.44	100.54	-272.52	81.02	-253.00	-83.07
		1871	6.41	12.61	-7.42	-4.14	9.33	7.41	127.43	-290.52	98.85	-261.95	-105.48
		1905	6.20	11.00	-8.51	-5.57	8.07	6.97	95.31	-301.74	61.76	-268.19	-110.43
1486	22	1869	42.92	13.37	-58.71	12.89	-58.24	-5.81	3133.33	1237.77	1855.89	2515.21	888.60
		1927	38.18	47.04	-5.74	-5.57	46.87	-3.01	2385.19	-70.33	243.76	2071.10	820.13
		1919	36.80	16.95	-6.15	0.44	10.36	-10.43	2332.49	-150.75	915.86	1265.88	1229.22
		1867	39.09	-10.66	-39.61	-17.01	-33.26	11.98	1034.57	-1873.22	-1128.00	289.35	1269.49
1486	36	1869	32.31	10.01	-43.78	9.66	-43.42	-4.34	2359.65	937.37	1393.70	1903.32	663.92
		1927	28.80	34.72	-4.30	-4.15	34.57	-2.42	1801.09	-54.91	181.18	1564.99	618.42
		1919	27.62	12.52	-4.62	0.37	7.54	-7.78	1753.15	-108.64	687.28	957.22	921.06
		1867	29.33	-7.65	-29.40	-12.45	-24.60	9.03	777.40	-1404.53	-846.23	219.10	952.09
1486	37	1869	27.70	8.97	-38.35	8.70	-38.08	-3.53	2021.29	796.96	1194.22	1624.03	573.21
		1927	24.67	31.46	-3.44	-3.38	31.40	-1.47	1536.20	-46.19	156.27	1333.73	528.57
		1919	23.57	11.12	-3.57	0.42	7.14	-6.53	1493.84	-98.67	586.94	808.23	788.53
		1867	25.22	-7.03	-26.19	-11.31	-21.91	7.98	658.49	-1214.54	-735.97	179.92	816.91
1487	22	1919	33.49	19.57	-6.00	-1.14	14.71	-10.04	1976.99	-426.33	57.20	1493.45	963.48
		1880	29.11	71.14	-0.15	0.85	70.15	8.36	1715.56	-14.60	211.48	1489.47	583.14
		1881	21.30	55.48	-0.51	0.23	54.74	6.40	1200.52	-119.63	143.36	937.53	527.28
		1924	25.78	17.74	-1.49	0.32	15.92	-5.62	1440.44	-455.40	117.30	867.74	870.49
1487	36	1919	25.14	14.42	-4.44	-0.81	10.79	-7.43	1486.30	-316.90	43.06	1126.33	720.77
		1880	21.87	52.41	-0.11	0.62	51.69	6.15	1292.05	-10.29	158.52	1123.24	437.43
		1881	15.96	40.83	-0.38	0.16	40.29	4.71	901.64	-89.06	107.57	705.01	395.14
		1924	19.33	13.06	-1.08	0.26	11.72	-4.13	1080.56	-340.51	87.43	652.62	651.92
1487	37	1919	21.44	13.06	-3.65	-0.75	10.16	-6.33	1264.73	-277.16	35.13	952.44	619.67
		1880	18.70	47.91	-0.09	0.60	47.22	5.68	1095.10	-10.03	136.67	948.40	374.97
		1881	13.59	37.85	-0.34	0.18	37.34	4.40	757.90	-79.29	92.62	585.99	338.18
		1924	16.43	12.00	-0.77	0.25	10.98	-3.47	913.33	-298.16	74.40	540.77	559.06
1488	8	1920	21.90	16.03	-0.72	0.14	15.17	-3.70	1088.75	-535.71	461.12	91.92	790.97
		1884	12.21	38.17	-2.06	-1.90	38.02	2.49	532.67	-339.10	14.72	178.84	428.09
		1885	17.68	32.80	3.21	3.68	32.33	3.71	744.44	-608.70	262.88	-127.14	647.86
		1923	26.12	13.27	1.19	1.69	12.77	-2.39	1292.02	-657.24	819.12	-184.34	835.56
1488	32	1920	16.36	11.67	-0.53	0.10	11.04	-2.70	813.19	-401.53	341.76	69.90	591.95
		1884	9.11	27.77	-1.50	-1.39	27.66	1.80	398.63	-253.03	11.74	133.86	320.06
		1885	13.14	23.84	2.34	2.69	23.50	2.69	551.74	-454.60	194.78	-97.64	481.46
		1923	19.45	9.66	0.86	1.22	9.30	-1.75	960.15	-492.38	606.27	-138.50	623.53
1488	37	1920	14.47	9.82	-0.38	0.10	9.34	-2.16	716.14	-360.67	296.56	58.91	525.13
		1884	7.99	23.27	-1.27	-1.18	23.17	1.50	350.52	-224.69	11.90	113.93	283.05
		1885	11.52	20.05	1.99	2.28	19.76	2.26	478.13	-403.45	169.16	-94.47	420.62
		1923	17.10	8.21	0.77	1.03	7.95	-1.37	838.37	-440.89	525.08	-127.60	550.11
1489	8	1862	23.17	17.47	-25.79	7.88	-16.20	-17.96	1497.16	33.57	1494.27	36.46	-64.94
		1921	28.44	39.52	-1.87	37.48	0.17	-8.96	1682.85	-181.55	1667.20	-165.91	170.05
		1901	34.52	25.96	-44.66	-0.03	-18.68	-34.05	2282.14	66.00	2278.70	69.44	-87.24
		1861	33.92	33.08	-8.35	20.07	4.67	-19.23	2288.03	265.98	2207.45	346.56	-395.53
1489	32	1862	17.16	12.75	-18.77	5.75	-11.77	-13.10	1108.99	22.91	1107.15	24.76	-44.72
		1921	21.03	28.85	-1.37	27.35	0.13	-6.56	1242.98	-138.55	1231.14	-126.71	127.38
		1901	25.42	19.00	-32.57	6.36e-03	-13.58	-24.87	1679.72	46.58	1677.19	49.11	-64.26
		1861	25.02	24.17	-6.07	14.64	3.46	-14.05	1688.64	196.95	1630.30	255.29	-289.19
1489	37	1862	14.90	10.75	-15.52	4.90	-9.67	-10.93	963.06	15.20	961.98	16.28	-32.00
		1921	18.19	24.36	-1.00	23.08	0.28	-5.55	1073.06	-128.48	1062.05	-117.47	114.51
		1901	21.75	16.28	-27.16	0.20	-11.08	-20.97	1438.80	41.64	1436.75	43.70	-53.53
		1861	21.53	20.48	-5.01	12.34	3.13	-11.88	1458.84	177.91	1410.79	225.95	-243.38
1490	8	1904	9.56	21.64	-10.95	14.01	-3.31	13.80	234.64	-388.61	-158.21	4.23	-300.85
		1908	8.58	22.78	-6.55	14.87	1.36	13.02	318.01	-253.44	24.61	39.96	-285.62
		1894	7.45	24.38	-3.88	19.32	1.18	10.83	340.37	-143.81	50.68	145.88	-237.36
		1859	8.12	20.41	-8.22	15.27	-3.07	10.99	209.29	-319.34	-141.31	31.26	-249.84
1490	32	1904	7.15	15.83	-7.96	10.24	-2.37	10.08	173.22	-294.15	-126.13	5.20	-224.27
		1908	6.38	16.72	-4.72	10.85	1.15	9.56	233.66	-191.18	10.76	31.72	-212.16
		1894	5.56	17.72	-2.84	13.95	0.93	7.96	252.59	-109.68	31.03	111.88	-176.57
		1859	6.09	14.76	-6.03	10.97	-2.24	8.02	156.19	-241.62	-112.37	26.94	-186.31
1490	37	1904	6.41	13.51	-6.65	8.75	-1.88	8.56	150.32	-270.45	-128.47	8.34	-198.95
		1908	5.63	14.39	-3.85	9.22	1.32	8.22	201.26	-174.23	-4.64	31.68	-186.87
		1894	4.96	14.91	-2.43	11.52	0.97	6.88	222.48	-102.28	14.81	105.39	-155.94
		1859	5.48	12.24	-5.15	8.96	-1.87	6.81	138.94	-222.25	-114.12	30.82	-165.42
1491	22	1866	25.82	3.05	-25.35	1.03	-23.33	-7.31	1317.03	-510.24	-311.71	1118.50	568.64
		1924	23.63	16.27	-1.12	1.42	13.74	-6.13	1367.04	-353.46	3.36	1010.22	697.56
		1922	18.45	15.53	-1.62	-0.46	14.38	-4.30	1040.81	-313.52	102.33	624.96	624.71
		1865	16.55	2.92	-22.77	0.31	-20.16	-7.77	934.63	-164.07	98.13	672.43	468.33
1491	36	1866	19.37	2.25	-18.63	0.78	-17.16	-5.35	988.47	-383.89	-235.77	840.35	425.83
		1924	17.73	11.98	-0.80	1.07	10.11	-4.51	1025.97	-264.27	2.16	759.54	522.28

		1922	13.82	11.44	-1.18	-0.34	10.60	-3.15	779.28	-235.06	75.66	468.56	467.58
		1865	12.39	2.15	-16.73	0.24	-14.82	-5.70	699.70	-124.18	71.53	503.98	350.63
1491	37	1866	16.45	1.94	-16.75	0.68	-15.50	-4.68	829.85	-335.14	-207.37	702.08	364.04
		1924	15.05	11.06	-0.50	0.95	9.60	-3.83	864.57	-231.06	1.02	632.49	447.68
		1922	11.72	10.73	-0.91	-0.28	10.11	-2.63	654.23	-207.45	66.58	380.20	401.29
		1865	10.41	1.84	-15.05	0.23	-13.44	-4.96	580.33	-112.80	58.83	408.70	299.17
1492	8	1903	9.76	19.94	-13.01	12.39	-5.46	13.85	183.39	-442.68	-232.50	-26.79	-295.66
		1904	9.52	21.47	-10.85	14.08	-3.46	13.57	235.21	-386.43	-159.75	8.53	-299.22
		1859	8.11	20.33	-7.97	15.51	-3.14	10.65	210.46	-318.77	-145.29	36.98	-248.43
		1895	8.46	17.23	-10.65	11.77	-5.19	11.07	128.57	-409.07	-235.71	-44.78	-251.30
1492	36	1903	7.45	12.64	-8.52	7.94	-3.82	8.80	131.44	-355.62	-216.05	-8.12	-220.22
		1904	7.13	13.79	-6.83	9.06	-2.09	8.67	164.67	-307.94	-161.72	18.45	-218.46
		1859	6.15	12.19	-5.31	8.95	-2.07	6.80	157.43	-253.94	-144.63	48.12	-181.71
		1895	6.49	10.07	-7.18	6.53	-3.64	6.97	100.86	-323.12	-211.57	-10.69	-186.68
1492	37	1903	6.63	12.35	-8.06	7.76	-3.47	8.52	117.84	-310.96	-180.68	-12.44	-197.21
		1904	6.38	13.38	-6.58	8.79	-1.99	8.39	150.68	-268.92	-129.39	11.15	-197.68
		1859	5.48	12.20	-5.01	9.12	-1.92	6.60	139.78	-222.03	-116.84	34.58	-164.30
		1895	5.77	10.18	-6.73	6.78	-3.33	6.78	86.41	-285.03	-179.51	-19.11	-167.51
1493	22	1891	4.80	0.84	-4.31	-3.77	0.31	1.57	44.66	-293.20	-221.47	-27.07	-138.17
		1892	7.47	0.74	-27.39	-27.37	0.71	0.85	99.24	-352.02	-341.97	89.19	-66.60
		1928	8.10	17.65	-20.46	0.04	-2.85	19.00	12.25	-436.97	-258.51	-166.21	-219.82
		1911	11.91	13.70	-11.73	3.98	-2.01	12.36	261.59	-554.76	-285.54	-7.63	-383.80
1493	36	1891	3.63	0.66	-3.10	-2.69	0.25	1.17	32.58	-222.95	-170.27	-20.11	-103.38
		1892	5.64	0.53	-20.28	-20.26	0.52	0.60	74.29	-267.58	-259.99	66.70	-50.37
		1928	6.08	13.25	-15.20	0.14	-2.10	14.18	9.00	-328.43	-196.73	-122.69	-164.61
		1911	8.95	10.25	-8.69	3.07	-1.51	9.19	194.52	-418.94	-218.49	-5.93	-287.73
1493	37	1891	3.05	0.57	-2.44	-2.03	0.16	1.03	29.70	-186.38	-138.73	-17.95	-89.59
		1892	4.71	0.53	-17.88	-17.86	0.51	0.60	64.09	-219.04	-213.06	58.12	-40.70
		1928	5.27	11.90	-13.51	0.18	-1.79	12.67	4.80	-284.10	-161.22	-118.08	-142.83
		1911	7.76	9.62	-7.90	3.05	-1.33	8.48	172.09	-356.67	-178.66	-5.92	-249.87
1494	22	1930	10.12	17.56	-12.49	9.79	-4.73	13.15	165.97	-489.25	-271.16	-52.13	-308.76
		1931	9.55	17.69	-10.92	9.74	-2.96	12.82	157.38	-459.19	-239.74	-62.07	-295.20
		1904	9.35	18.48	-9.27	11.44	-2.23	12.07	209.39	-407.12	-197.45	-0.28	-292.07
		1903	9.89	17.06	-11.66	9.93	-4.53	12.41	174.59	-470.44	-261.23	-34.62	-301.95
1494	36	1930	7.60	13.06	-9.24	7.35	-3.52	9.73	123.02	-369.05	-207.43	-38.61	-231.10
		1931	7.16	13.18	-8.01	7.32	-2.16	9.48	116.56	-345.77	-183.34	-45.86	-220.71
		1904	7.00	13.69	-6.83	8.48	-1.62	8.93	155.79	-306.45	-151.28	0.62	-218.28
		1903	7.42	12.63	-8.63	7.37	-3.37	9.17	129.93	-354.55	-199.54	-25.09	-225.99
1494	37	1930	6.70	12.47	-8.64	6.93	-3.10	9.29	110.94	-319.46	-170.89	-37.64	-204.62
		1931	6.34	12.45	-7.75	6.72	-2.01	9.11	107.21	-299.69	-146.30	-46.18	-197.20
		1904	6.27	13.29	-6.60	8.23	-1.54	8.66	142.67	-267.60	-119.79	-5.14	-196.97
		1903	6.60	12.32	-8.17	7.19	-3.03	8.88	116.33	-310.00	-165.88	-27.80	-201.68
1495	8	1910	11.75	13.61	-8.59	8.04	-3.01	9.62	666.47	-187.59	612.09	-133.20	-208.54
		1909	8.28	14.50	-10.66	8.15	-4.30	10.93	363.03	-233.56	245.93	-116.45	-236.96
		1897	8.00	6.72	-12.99	-1.07	-5.20	9.64	279.80	-296.03	186.70	-202.94	-211.99
		1856	10.84	4.22	-13.03	-4.00	-4.80	8.62	508.45	-286.07	459.02	-236.64	-191.90
1495	32	1910	8.58	9.84	-6.23	5.83	-2.22	6.96	483.85	-142.17	440.72	-99.04	-158.56
		1909	6.12	10.50	-7.77	5.90	-3.17	7.93	262.14	-178.12	169.85	-85.83	-179.20
		1897	5.88	4.76	-9.53	-0.93	-3.84	7.00	200.26	-221.96	126.74	-148.45	-160.11
		1856	7.92	2.94	-9.54	-3.06	-3.54	6.24	367.06	-213.30	327.98	-174.22	-145.43
1495	37	1910	7.16	8.19	-5.16	4.93	-1.90	5.74	396.94	-130.05	352.69	-85.79	-146.16
		1909	5.28	8.74	-6.51	4.96	-2.74	6.58	211.59	-167.13	117.86	-73.40	-163.44
		1897	5.02	3.74	-8.14	-1.06	-3.35	5.83	157.10	-200.71	81.76	-125.37	-145.88
		1856	6.61	2.21	-8.09	-2.82	-3.06	5.15	295.88	-188.93	255.79	-148.84	-133.52
1496	22	1864	11.96	1.62	-20.44	0.31	-19.13	-5.20	729.99	-50.10	355.85	324.05	389.72
		1877	16.41	14.27	-2.27	-0.51	12.51	-5.10	898.56	-297.70	167.73	433.13	583.22
		1920	16.95	13.10	-1.08	0.07	11.95	-3.88	906.08	-329.72	370.71	205.65	612.36
1496	36	1864	8.93	1.18	-15.01	0.23	-14.06	-3.81	544.73	-39.14	263.80	241.78	291.73
		1877	12.26	10.53	-1.66	-0.38	9.25	-3.74	671.19	-223.39	124.19	323.62	436.03
		1920	12.65	9.67	-0.79	0.05	8.83	-2.84	675.58	-247.60	275.30	152.67	457.50
1496	37	1864	7.60	0.98	-13.55	0.22	-12.79	-3.23	459.23	-43.50	230.77	184.95	250.32
		1877	10.52	10.05	-1.35	-0.35	9.05	-3.22	568.87	-200.64	111.16	257.07	377.77
		1920	11.06	9.38	-0.53	0.08	8.78	-2.37	584.64	-224.01	246.88	113.75	398.81
1497	22	1871	9.71	17.28	-11.46	8.02	-2.20	13.43	187.69	-448.82	-160.82	-100.30	-316.81
		1930	10.16	17.59	-12.26	7.70	-2.37	14.05	172.54	-487.33	-217.03	-97.76	-324.50
		1903	9.84	16.99	-11.54	7.88	-2.43	13.30	171.75	-469.34	-213.58	-84.02	-313.93
		1905	9.35	15.37	-12.26	6.11	-3.00	13.04	145.77	-458.98	-202.16	-111.05	-298.92
1497	36	1871	7.29	12.83	-8.48	6.00	-1.65	9.95	138.90	-339.44	-125.70	-74.84	-237.82
		1930	7.63	13.08	-9.06	5.80	-1.77	10.41	127.92	-367.59	-166.88	-72.79	-243.25
		1903	7.38	12.57	-8.54	5.85	-1.82	9.83	127.79	-353.73	-163.84	-62.09	-235.32
		1905	7.03	11.35	-9.08	4.52	-2.25	9.64	108.29	-346.54	-155.92	-82.34	-224.42
1497	37	1871	6.42	12.39	-7.89	5.87	-1.38	9.47	124.25	-292.95	-100.88	-67.81	-207.94
		1930	6.73	12.48	-8.46	5.46	-1.45	9.88	115.28	-318.32	-135.21	-67.83	-214.17
		1903	6.56	12.26	-8.07	5.73	-1.53	9.50	114.51	-309.26	-134.12	-60.64	-208.68
		1905	6.23	11.16	-8.51	4.55	-1.91	9.29	95.47	-302.91	-129.45	-77.99	-197.52
1498	8	1861	33.27	28.22	-18.27	21.96	-12.00	-15.88	2217.43	242.29	2158.87	300.84	-335.01
		1901	32.82	15.72	-7.68	1.91	6.14	-11.51	2226.38	85.58	2226.18	85.78	-20.73

		1878	40.09	4.47	-21.10	0.25	-16.88	-9.49	2915.83	671.21	2878.87	708.17	-285.66
		44	53.12	4.12	-12.54	-7.20	-1.22	-7.78	3861.14	784.68	3704.72	941.10	-675.84
1498	32	1861	24.54	20.61	-13.28	16.02	-8.69	-11.60	1637.05	179.42	1594.89	221.58	-244.29
		1901	24.16	11.55	-5.65	1.40	4.50	-8.46	1638.30	61.44	1638.16	61.58	-15.10
		1878	29.46	3.28	-15.31	0.15	-12.18	-6.96	2143.09	494.29	2115.38	521.99	-211.93
		44	39.05	3.06	-9.12	-5.25	-0.81	-5.67	2841.14	583.86	2725.75	699.25	-497.14
1498	37	1861	21.14	17.41	-10.92	13.47	-6.98	-9.80	1415.90	162.68	1381.78	196.81	-203.97
		1901	20.66	10.09	-4.83	1.30	3.96	-7.34	1402.56	55.59	1402.47	55.68	-11.15
		1878	25.11	2.96	-12.52	0.14	-9.69	-5.98	1831.37	434.58	1806.01	459.93	-186.48
		44	33.39	2.91	-7.57	-4.30	-0.36	-4.85	2439.73	530.42	2338.87	631.28	-427.08
1499	8	1902	27.07	12.34	0.85	12.19	0.99	1.27	1737.43	-55.91	1737.41	-55.90	-5.23
		1915	21.30	11.51	-1.84	9.39	0.29	4.88	1328.70	-121.94	1318.28	-111.52	-122.50
		1855	20.03	-0.15	-10.41	-7.15	-3.42	4.78	1197.47	-207.02	1183.30	-192.85	-140.35
		1899	25.17	-2.99	-9.70	-9.07	-3.61	1.96	1649.00	-7.43	1641.43	0.14	-111.73
1499	32	1902	19.87	8.97	0.65	8.89	0.74	0.84	1273.85	-43.85	1273.80	-43.80	-7.65
		1915	15.61	8.32	-1.27	6.83	0.21	3.47	971.85	-92.96	963.32	-84.43	-94.93
		1855	14.67	-0.21	-7.60	-5.31	-2.50	3.42	874.53	-155.27	863.26	-144.00	-107.15
		1899	18.46	-2.21	-7.10	-6.68	-2.63	1.36	1207.86	-8.56	1201.80	-2.50	-85.64
1499	37	1902	16.83	7.57	0.72	7.54	0.75	0.47	1077.94	-39.01	1077.76	-38.83	-13.92
		1915	13.15	6.91	-0.85	5.82	0.24	2.70	816.08	-83.57	806.84	-74.33	-90.70
		1855	12.34	-0.37	-6.36	-4.63	-2.09	2.71	731.44	-136.69	719.72	-124.97	-100.18
		1899	15.61	-1.90	-5.94	-5.71	-2.12	0.93	1020.05	-9.56	1013.61	-3.12	-81.18
1500	8	1909	8.25	14.63	-10.67	7.64	-3.68	11.31	363.34	-230.83	259.90	-127.40	-225.30
		1907	7.69	15.97	-12.05	8.33	-4.41	12.48	208.93	-304.48	7.87	-103.42	-250.60
		1857	7.04	9.13	-12.90	1.40	-5.18	10.51	138.64	-333.10	-13.84	-180.63	-220.63
		1897	7.98	6.78	-13.26	-1.65	-4.83	9.89	278.14	-295.21	196.32	-213.39	-200.55
1500	36	1909	5.93	8.85	-6.92	4.50	-2.57	7.05	232.61	-193.20	130.02	-90.61	-182.09
		1907	5.89	9.78	-7.93	4.98	-3.13	7.87	138.99	-256.59	-48.16	-69.45	-197.50
		1857	5.25	5.00	-8.71	-0.03	-3.68	6.61	88.48	-262.76	-59.08	-115.20	-173.37
		1897	5.56	3.55	-8.87	-1.93	-3.38	6.17	171.01	-224.90	88.83	-142.73	-160.57
1500	37	1909	5.26	8.84	-6.54	4.66	-2.37	6.84	211.70	-165.23	127.53	-81.06	-156.97
		1907	5.19	9.69	-7.45	5.10	-2.86	7.59	124.12	-221.67	-33.11	-64.45	-172.18
		1857	4.68	5.20	-8.14	0.43	-3.37	6.40	77.49	-232.90	-45.17	-110.24	-151.74
		1897	5.00	3.77	-8.30	-1.41	-3.12	5.98	155.92	-200.14	88.46	-132.67	-139.54
1501	8	1925	11.97	21.59	-5.54	16.92	-0.87	10.24	677.88	-167.60	607.29	-97.02	-233.88
		1874	9.23	21.65	-7.08	16.21	-1.64	11.25	450.47	-219.53	308.70	-77.76	-273.66
		1909	8.43	14.49	-10.71	6.54	-2.76	11.71	370.64	-237.21	282.43	-149.01	-214.09
		1910	11.95	13.84	-8.46	6.93	-1.55	10.32	674.34	-195.70	643.28	-164.64	-161.43
1501	32	1925	8.77	15.74	-4.01	12.39	-0.65	7.42	493.70	-129.27	437.48	-73.05	-178.50
		1874	6.86	15.82	-5.14	11.89	-1.22	8.17	327.90	-169.93	216.35	-58.38	-207.58
		1909	6.23	10.49	-7.81	4.74	-2.06	8.50	267.82	-180.86	197.50	-110.54	-163.11
		1910	8.73	10.01	-6.15	5.03	-1.16	7.46	489.80	-148.27	464.50	-122.96	-124.53
1501	37	1925	7.39	13.37	-3.28	10.67	-0.58	6.14	408.69	-123.12	350.62	-65.04	-165.87
		1874	6.00	13.49	-4.26	10.30	-1.07	6.81	270.96	-164.30	158.57	-51.90	-190.49
		1909	5.38	8.73	-6.56	4.00	-1.83	7.07	216.60	-169.52	143.20	-96.12	-151.51
		1910	7.30	8.32	-5.09	4.27	-1.04	6.16	402.36	-135.53	374.74	-107.91	-118.72
1502	8	1863	14.23	5.21	-18.76	3.06	-16.60	-6.85	937.24	27.07	909.12	55.18	157.48
		1923	22.20	9.52	8.16	8.44	9.25	-0.54	1178.26	-478.03	986.40	-286.16	530.06
		1921	28.17	26.11	-5.51	21.67	-1.08	-10.98	1659.75	-271.48	1651.70	-263.43	124.44
		1862	23.24	19.11	-17.09	13.63	-11.61	-12.97	1516.41	81.15	1511.66	85.90	-82.42
1502	32	1863	10.58	3.79	-13.65	2.22	-12.08	-4.99	697.11	18.29	674.95	40.45	120.62
		1923	16.52	6.94	5.94	6.14	6.74	-0.40	874.96	-358.57	730.59	-214.20	396.53
		1921	20.85	19.06	-4.03	15.82	-0.79	-8.02	1226.02	-205.85	1219.87	-199.70	93.63
		1862	17.21	13.94	-12.43	9.94	-8.42	-9.46	1123.33	58.23	1120.21	61.35	-57.59
1502	37	1863	9.29	3.15	-11.23	1.90	-9.97	-4.06	608.77	7.74	587.09	29.42	112.07
		1923	14.52	5.87	5.13	5.21	5.79	-0.23	763.08	-323.08	633.87	-193.87	351.64
		1921	18.08	16.17	-3.23	13.46	-0.52	-6.72	1058.39	-188.19	1052.55	-182.35	85.13
		1862	14.95	11.74	-10.21	8.40	-6.87	-7.89	975.72	46.06	973.71	48.07	-43.14
1503	8	1901	35.18	43.88	-5.20	38.62	0.05	15.17	2216.59	49.40	1865.48	400.51	798.53
		1900	32.30	25.07	-2.21	24.33	-1.48	-4.42	1991.83	-219.52	1599.86	172.44	844.47
		1902	27.27	16.13	-0.36	13.22	2.55	6.28	1730.31	-65.13	1507.43	157.75	592.03
		1929	31.41	6.31	-1.72	4.85	-0.26	3.10	2127.61	119.51	1826.38	420.74	717.05
1503	32	1901	25.89	31.98	-3.77	28.20	0.02	11.00	1631.03	34.15	1372.51	292.67	588.22
		1900	23.78	18.39	-1.67	17.84	-1.12	-3.26	1463.99	-165.18	1177.82	120.99	619.94
		1902	20.01	11.74	-0.24	9.70	1.80	4.50	1268.67	-50.81	1107.51	110.35	432.06
		1929	23.08	4.58	-1.22	3.59	-0.23	2.18	1562.49	85.88	1342.72	305.65	525.56
1503	37	1901	22.11	26.80	-2.94	23.82	0.04	8.93	1395.99	30.56	1174.45	252.10	503.40
		1900	20.30	15.83	-1.34	15.35	-0.86	-2.83	1246.96	-146.05	1006.40	94.51	526.53
		1902	16.95	9.88	-0.06	8.37	1.45	3.57	1073.60	-45.37	942.00	86.23	360.48
		1929	19.62	3.90	-0.82	3.30	-0.22	1.57	1329.67	75.40	1146.35	258.73	443.09
1504	8	1872	63.77	105.69	26.44	91.04	41.10	30.76	3880.10	-212.56	3843.53	-175.99	385.18
		1886	25.40	57.07	-16.57	56.97	-16.47	-2.67	1466.47	-50.11	1353.29	63.07	-398.55
		1917	31.11	48.58	4.49	36.68	16.39	19.58	1913.62	-139.15	1909.60	-135.13	-90.74
		1900	26.74	15.38	-2.48	4.54	8.36	-8.72	1551.83	-371.72	1520.95	-340.84	241.75
1504	32	1872	47.09	77.16	19.29	66.52	29.94	22.42	2863.86	-164.25	2838.44	-138.83	276.28
		1886	18.65	41.85	-12.06	41.78	-11.99	-1.94	1077.53	-37.19	990.50	49.84	-299.07
		1917	22.90	35.42	3.35	26.83	11.94	14.20	1406.73	-108.39	1402.85	-104.51	-76.59

		1900	19.70	11.30	-1.86	3.37	6.06	-6.44	1140.16	-278.48	1118.40	-256.72	174.34
1504	37	1872	40.58	65.64	16.39	56.65	25.38	19.02	2463.69	-155.69	2444.59	-136.60	222.84
		1886	15.85	35.92	-10.22	35.86	-10.16	-1.66	915.61	-33.19	833.30	49.12	-267.06
		1917	19.56	30.04	3.04	22.98	10.10	11.86	1196.98	-103.43	1191.44	-97.89	-84.69
		1900	16.84	9.83	-1.65	2.97	5.20	-5.63	970.11	-245.36	953.12	-228.37	142.68
1505	22	1875	8.96	17.61	-8.46	13.01	-3.85	9.94	255.12	-357.41	-78.61	-23.68	-305.03
		1871	9.73	17.35	-10.90	11.52	-5.07	11.44	190.26	-450.18	-240.48	-19.44	-300.55
		1906	8.70	14.35	-11.60	8.29	-5.54	10.98	153.91	-414.62	-204.85	-55.86	-274.33
		1907	7.96	13.35	-10.95	7.41	-5.02	10.44	193.68	-342.32	-69.31	-79.33	-267.95
1505	36	1875	6.72	13.06	-6.25	9.68	-2.86	7.34	188.21	-271.25	-65.57	-17.47	-228.47
		1871	7.31	12.88	-8.07	8.59	-3.78	8.45	140.84	-340.48	-185.41	-14.23	-224.92
		1906	6.54	10.59	-8.59	6.13	-4.13	8.10	113.87	-313.65	-158.81	-40.97	-205.48
		1907	5.97	9.84	-8.10	5.48	-3.74	7.70	142.40	-259.38	-58.42	-58.56	-200.89
1505	37	1875	5.89	12.71	-5.85	9.48	-2.63	7.03	168.73	-230.93	-46.17	-16.03	-199.26
		1871	6.43	12.44	-7.51	8.34	-3.41	8.06	125.95	-293.81	-153.24	-14.62	-198.11
		1906	5.78	10.45	-8.05	6.17	-3.77	7.80	100.46	-273.20	-132.05	-40.69	-181.16
		1907	5.27	9.75	-7.62	5.58	-3.44	7.42	127.27	-224.15	-41.93	-54.95	-175.59
1506	8	1921	30.47	24.16	-10.19	24.16	-10.19	-0.21	1725.07	-439.06	1116.86	169.16	972.80
		1872	49.95	58.40	31.89	54.29	36.00	9.60	2725.99	-811.94	2059.43	-145.38	1383.45
		1900	31.84	21.69	7.79	20.19	9.30	-4.32	1981.21	-202.12	1801.35	-22.26	600.29
		1901	35.03	37.36	-24.25	37.30	-24.19	-1.93	2254.58	93.62	2011.51	336.69	682.77
1506	32	1921	22.57	17.65	-7.45	17.65	-7.44	-0.15	1275.20	-330.01	822.81	122.38	722.16
		1872	36.94	42.67	23.21	39.68	26.20	7.02	2012.10	-608.36	1522.33	-118.58	1021.55
		1900	23.44	15.94	5.61	14.83	6.72	-3.20	1456.43	-152.55	1326.50	-22.62	438.38
		1901	25.78	27.28	-17.69	27.23	-17.64	-1.46	1659.49	67.05	1480.61	245.93	502.84
1506	37	1921	19.61	15.01	-6.15	15.01	-6.15	-0.10	1102.79	-296.28	705.18	101.33	631.02
		1872	31.96	36.34	19.67	33.81	22.20	5.98	1731.30	-541.31	1313.47	-123.48	880.33
		1900	22.03	13.80	4.64	12.81	5.63	-2.84	1240.68	-135.69	1133.98	-28.98	368.07
		1901	22.04	23.10	-14.70	23.04	-14.64	-1.46	1421.38	59.22	1268.07	212.53	430.50
1507	22	1914	9.34	20.15	-3.60	17.98	-1.43	6.84	311.81	-351.88	-44.71	4.64	-330.93
		1913	9.64	16.11	-6.70	11.63	-2.22	9.06	218.58	-436.85	-214.68	-3.58	-310.25
		1871	9.79	17.40	-11.31	10.33	-4.24	12.36	192.31	-451.00	-212.99	-45.70	-310.59
		1875	9.03	17.59	-8.63	12.05	-3.10	10.70	258.62	-358.94	-52.12	-48.20	-308.78
1507	36	1914	7.01	15.01	-2.65	13.42	-1.06	5.06	230.41	-267.45	-40.48	3.44	-247.96
		1913	7.25	12.03	-4.95	8.73	-1.65	6.72	161.83	-330.83	-166.36	-2.64	-232.33
		1871	7.35	12.91	-8.37	7.71	-3.17	9.15	142.36	-341.08	-164.83	-33.89	-232.68
		1875	6.77	13.04	-6.38	8.97	-2.31	7.90	190.83	-272.40	-45.72	-35.85	-231.57
1507	37	1914	6.10	14.46	-2.47	12.96	-0.97	4.82	206.51	-225.03	-22.08	3.56	-215.39
		1913	6.32	11.50	-4.52	8.44	-1.47	6.29	144.70	-282.12	-134.50	-2.92	-203.01
		1871	6.47	12.45	-7.79	7.50	-2.83	8.71	127.24	-294.28	-135.06	-31.98	-204.36
		1875	5.94	12.68	-5.98	8.81	-2.10	7.57	171.02	-231.87	-28.84	-32.01	-201.44
1508	21	1927	43.93	34.97	-3.11	0.96	30.90	-11.76	2693.14	-283.22	-231.89	2641.81	387.51
		1879	46.53	85.08	-1.35	-0.49	84.21	8.61	2821.28	0.36	128.37	2693.27	587.13
		1880	27.51	64.67	-0.42	-0.15	64.40	4.18	1615.04	-55.75	156.65	1402.64	556.56
		1919	36.10	15.74	-5.14	-0.41	11.01	-8.75	2172.07	-389.69	177.41	1604.96	1063.57
1508	35	1927	33.09	26.05	-2.34	0.74	22.97	-8.83	2029.52	-212.57	-174.43	1991.38	289.93
		1879	35.03	63.30	-1.02	-0.37	62.66	6.42	2126.79	0.76	96.77	2030.78	441.49
		1880	20.68	48.08	-0.32	-0.12	47.88	3.10	1215.84	-41.46	117.32	1057.05	417.64
		1919	27.10	11.68	-3.81	-0.28	8.15	-6.50	1632.06	-290.12	133.70	1208.24	796.89
1508	37	1927	28.28	25.12	-1.55	0.64	22.94	-7.32	1721.56	-186.58	-151.03	1686.01	258.01
		1879	30.04	61.36	-0.89	-0.28	60.75	6.14	1799.87	-2.00	82.48	1715.39	380.90
		1880	17.74	47.73	-0.21	9.73e-03	47.51	3.27	1022.54	-40.14	104.34	878.05	364.23
		1919	23.40	11.65	-3.22	-0.46	8.89	-5.78	1398.51	-270.77	110.83	1016.91	700.98
1509	22	1913	9.61	16.09	-6.99	10.02	-0.92	10.16	218.33	-434.59	-164.23	-52.03	-321.60
		1911	9.54	13.90	-11.20	4.23	-1.53	12.22	159.14	-468.17	-236.56	-72.48	-302.74
		1930	10.18	17.94	-12.91	8.18	-3.15	14.35	167.71	-489.67	-225.73	-96.23	-322.25
		1871	9.84	17.58	-11.34	8.50	-2.26	13.43	197.03	-450.10	-162.62	-90.45	-321.55
1509	36	1913	7.23	12.01	-5.17	7.53	-0.69	7.54	161.63	-329.13	-128.56	-38.94	-241.26
		1911	7.17	10.41	-8.29	3.26	-1.14	9.09	117.87	-353.65	-181.70	-54.08	-226.96
		1930	7.64	13.35	-9.55	6.16	-2.36	10.63	124.33	-369.34	-173.40	-71.61	-241.53
		1871	7.39	13.05	-8.40	6.36	-1.70	9.94	145.87	-340.41	-127.08	-67.46	-241.30
1509	37	1913	6.30	11.49	-4.72	7.33	-0.55	7.08	144.55	-280.59	-101.44	-34.60	-209.93
		1911	6.23	9.74	-7.51	3.17	-0.94	8.38	105.15	-302.18	-147.29	-49.74	-197.74
		1930	6.73	12.70	-8.89	5.79	-1.98	10.07	111.95	-319.80	-140.88	-66.97	-212.69
		1871	6.50	12.60	-7.82	6.21	-1.43	9.47	130.42	-293.69	-101.97	-61.30	-211.08
1510	22	1916	10.06	24.86	-2.18	23.15	-0.47	6.58	507.87	-238.09	304.97	-35.20	-331.94
		1914	9.35	20.15	-3.52	17.37	-0.74	7.62	312.84	-352.28	-13.26	-26.18	-332.49
		1875	9.06	17.51	-8.49	11.08	-2.06	11.23	259.84	-360.81	-23.48	-77.49	-309.14
		1874	9.15	18.41	-6.25	13.56	-1.41	9.79	404.88	-259.72	233.04	-87.88	-290.99
1510	36	1916	7.47	18.49	-1.60	17.24	-0.35	4.85	374.58	-181.51	219.53	-26.45	-249.36
		1914	7.01	15.01	-2.59	12.97	-0.55	5.63	231.19	-267.74	-16.89	-19.66	-249.46
		1875	6.80	12.99	-6.27	8.25	-1.54	8.29	191.75	-273.80	-24.23	-57.83	-232.17
		1874	6.82	13.64	-4.61	10.09	-1.06	7.22	298.03	-197.40	166.31	-65.67	-218.88
1510	37	1916	6.63	17.86	-1.52	16.65	-0.31	4.69	338.22	-148.28	211.06	-21.12	-213.76
		1914	6.11	14.46	-2.41	12.53	-0.48	5.37	207.14	-225.39	-1.68	-16.56	-216.14
		1875	5.96	12.63	-5.88	8.11	-1.37	7.95	171.83	-233.09	-10.12	-51.14	-201.42
		1874	5.99	13.33	-4.37	9.91	-0.95	6.98	269.39	-164.25	161.16	-56.02	-187.67

1511	8	1886	27.60	59.43	2.28	59.43	2.28	-0.37	1642.12	-18.66	1600.47	22.99	-259.67
		1887	15.49	47.22	-1.26	47.16	-1.20	-1.74	871.25	-31.05	793.59	46.61	-253.07
		1870	17.00	30.91	-1.77	28.58	0.56	8.42	997.21	-148.18	878.01	-28.98	-349.74
		1917	26.46	35.09	-0.55	32.72	1.82	8.87	1585.44	-168.40	1540.44	-123.40	-277.30
1511	32	1886	20.26	43.57	1.66	43.57	1.67	-0.28	1205.44	-15.25	1173.06	17.13	-196.15
		1887	11.31	34.73	-0.92	34.68	-0.87	-1.29	634.91	-25.34	574.38	35.18	-190.52
		1870	12.52	22.61	-1.26	20.95	0.40	6.08	731.17	-116.38	637.36	-22.57	-265.91
		1917	19.48	25.63	-0.36	23.94	1.33	6.40	1164.93	-129.25	1128.90	-93.21	-212.92
1511	37	1886	17.22	37.39	1.42	37.39	1.42	-0.26	1021.85	-16.22	990.59	15.05	-177.42
		1887	9.47	30.07	-0.77	30.03	-0.72	-1.13	527.26	-27.51	467.96	31.80	-171.42
		1870	10.69	19.34	-0.98	18.03	0.33	4.99	616.98	-114.61	523.33	-20.96	-244.43
		1917	16.63	21.83	-0.19	20.50	1.14	5.24	989.79	-120.03	952.81	-83.06	-199.17
1512	22	1865	16.71	2.42	-22.85	2.40	-22.82	-0.76	929.84	-189.51	-140.33	880.67	229.40
		1922	18.35	15.65	-1.31	3.44	10.90	-7.62	1041.02	-302.81	-190.88	929.10	371.32
		1877	16.51	13.66	-2.23	2.25	9.18	-7.15	904.40	-299.91	-74.19	678.68	469.99
		1864	11.82	1.56	-20.10	1.55	-20.09	-0.33	719.94	-51.15	171.70	497.09	349.53
1512	36	1865	12.50	1.78	-16.79	1.76	-16.77	-0.55	696.11	-143.20	-106.75	659.66	171.06
		1922	13.74	11.53	-0.95	2.53	8.05	-5.60	779.50	-226.99	-143.61	696.12	277.43
		1877	12.34	10.07	-1.63	1.65	6.79	-5.26	675.58	-225.03	-56.63	507.19	351.14
		1864	8.82	1.14	-14.76	1.13	-14.76	-0.23	537.12	-39.93	126.14	371.05	261.25
1512	37	1865	10.52	1.50	-15.12	1.49	-15.11	-0.33	577.16	-129.54	-95.51	543.13	151.30
		1922	11.66	10.84	-0.70	2.23	7.91	-5.02	654.39	-200.38	-123.43	577.45	244.64
		1877	10.58	9.62	-1.32	1.44	6.85	-4.75	572.65	-202.36	-46.90	417.19	310.35
		1864	7.51	0.95	-13.30	0.95	-13.30	-7.53e-03	452.29	-44.21	110.79	297.29	230.07
1513	8	1928	9.95	18.67	-13.95	7.57	-2.85	15.45	-18.12	-591.50	-491.63	-118.00	-217.46
		1876	3.33	15.70	-16.90	9.42	-10.62	12.85	-93.34	-185.66	-170.65	-108.34	-34.06
		1873	8.49	18.21	-8.46	11.80	-2.06	11.39	174.64	-383.49	-124.18	-84.66	-278.37
		1931	8.88	18.82	-13.87	11.32	-6.37	13.74	194.17	-378.08	-139.21	-44.70	-282.20
1513	32	1928	7.57	14.03	-10.00	6.03	-2.00	11.33	-14.96	-452.38	-379.06	-88.28	-163.39
		1876	2.58	12.07	-12.10	7.51	-7.54	9.45	-68.48	-144.87	-135.43	-77.92	-25.14
		1873	6.31	13.50	-6.01	8.79	-1.30	8.35	126.00	-287.88	-101.16	-60.72	-205.95
		1931	6.63	13.86	-10.02	8.44	-4.59	10.00	141.78	-285.68	-112.55	-31.35	-209.84
1513	37	1928	7.01	12.72	-8.01	6.22	-1.50	9.62	-16.62	-423.00	-360.30	-79.31	-146.79
		1876	2.50	11.44	-9.64	7.67	-5.87	8.08	-58.77	-141.98	-135.93	-64.82	-21.60
		1873	5.56	11.88	-4.72	7.80	-0.64	7.15	103.95	-259.49	-105.66	-49.88	-179.57
		1931	5.90	12.05	-8.21	7.56	-3.73	8.41	119.42	-261.63	-117.75	-24.47	-184.73
1514	8	1917	25.78	34.53	3.64	31.88	6.29	8.64	1560.10	-142.89	1533.36	-116.14	-211.72
		1870	16.44	29.98	-3.25	28.55	-1.82	6.75	952.25	-140.38	853.20	-41.34	-313.71
		1912	16.66	16.23	-5.54	10.48	0.22	9.60	994.77	-171.31	970.42	-146.96	-166.75
		1915	21.45	10.12	-1.62	7.91	0.59	4.59	1325.05	-150.28	1323.13	-148.36	-53.13
1514	32	1917	18.95	25.21	2.71	23.33	4.59	6.23	1144.64	-109.47	1123.20	-88.03	-162.58
		1870	12.07	21.94	-2.34	20.92	-1.32	4.86	696.30	-108.95	618.78	-31.44	-237.51
		1912	12.19	11.76	-3.99	7.63	0.14	6.92	725.89	-130.05	706.18	-110.33	-128.39
		1915	15.72	7.30	-1.13	5.76	0.42	3.26	969.22	-113.84	967.44	-112.05	-43.94
1514	37	1917	16.10	21.46	2.45	19.98	3.93	5.10	968.93	-100.82	946.90	-78.79	-151.90
		1870	10.22	18.78	-1.89	18.00	-1.11	3.94	583.21	-104.54	506.74	-28.07	-216.20
		1912	10.24	9.80	-3.20	6.49	0.11	5.66	604.76	-118.16	583.77	-97.17	-121.40
		1915	13.25	6.05	-0.75	4.91	0.39	2.53	813.92	-101.43	811.46	-98.97	-47.40
1515	8	1926	9.57	19.31	14.19	19.28	14.23	0.42	676.76	276.00	574.10	378.66	-174.93
		1779	7.61	10.13	1.23	5.91	5.45	-4.44	202.43	-352.85	123.01	-273.43	194.40
		56	14.54	20.12	9.34	19.68	9.78	2.12	1011.66	246.38	1007.00	251.04	59.54
		1926	7.04	14.26	10.52	14.23	10.54	0.32	497.80	205.18	422.15	280.83	-128.12
1515	32	1779	5.63	7.36	1.03	4.38	4.00	-3.16	149.59	-261.63	89.34	-201.38	145.41
		56	10.76	14.58	6.80	14.24	7.15	1.60	750.14	185.00	746.31	188.83	46.36
		1926	6.09	12.42	9.24	12.39	9.28	0.32	430.91	182.05	365.48	247.49	-109.55
		1779	4.93	6.11	1.13	3.86	3.38	-2.48	131.86	-229.79	76.23	-174.16	130.47
1515	37	56	9.43	12.20	5.67	11.83	6.04	1.50	660.77	166.88	656.61	171.04	45.12
		1892	9.09	-0.78	-33.94	-15.46	-19.26	16.47	21.48	-486.31	-282.67	-182.16	248.88
		1799	8.91	-1.75	-74.02	-24.52	-51.25	33.58	-145.22	-409.33	-211.46	-343.09	114.48
		1928	8.64	22.70	-9.24	19.53	-6.07	-9.55	170.97	-379.48	-372.73	164.22	60.57
1516	35	1892	6.85	-0.59	-25.31	-11.53	-14.38	12.28	16.39	-367.20	-213.19	-137.61	188.04
		1799	6.70	-1.29	-55.24	-18.30	-38.24	25.07	-109.12	-309.14	-159.10	-259.16	86.59
		1928	6.50	17.02	-6.91	14.64	-4.53	-7.16	127.63	-286.25	-281.17	122.55	45.58
		1892	5.45	-0.27	-22.77	-10.49	-12.55	11.20	7.81	-285.91	-169.25	-108.84	143.72
1516	37	1799	5.45	-1.56	-51.76	-16.96	-36.36	23.15	-86.48	-228.77	-117.57	-197.67	58.80
		1928	5.60	15.74	-6.66	13.73	-4.65	-6.39	107.22	-242.71	-237.76	102.28	41.30
1517	21	1928	5.13	20.45	-5.26	-0.89	16.09	9.65	27.80	-254.56	18.04	-244.80	-51.56
		1799	6.83	-16.99	-57.45	-57.45	-16.99	0.18	-153.48	-353.68	-305.65	-201.51	-85.49
		1876	7.04	19.61	-4.48	3.05	12.08	11.17	-52.48	-421.88	-180.16	-294.20	-175.68
		1928	3.85	15.42	-3.92	-0.59	12.10	7.29	19.42	-191.81	11.97	-184.35	-38.97
1517	35	1799	5.13	-12.74	-42.92	-42.92	-12.74	0.07	-116.54	-266.35	-230.56	-152.32	-63.88
		1876	5.31	14.80	-3.24	2.44	9.13	8.37	-38.92	-318.04	-136.27	-220.69	-133.02
		1928	3.53	13.45	-4.20	-1.45	10.70	6.41	39.15	-163.61	32.99	-157.45	-34.82
		1799	4.42	-11.41	-39.97	-39.92	-11.46	1.18	-99.29	-216.52	-197.71	-118.09	-43.02
1517	37	1876	4.25	12.51	-4.64	0.08	7.79	7.66	-57.71	-260.78	-103.64	-214.84	-84.95
		1876	6.24	3.10	-5.72	-5.00	2.38	2.41	-49.61	-419.97	-75.30	-394.29	-94.10
		1799	6.21	-20.60	-39.01	-37.74	-21.87	-4.66	142.37	-242.67	-199.09	98.79	-121.99

		1837	4.19	-11.18	-12.11	-11.28	-12.01	0.29	-124.16	-285.06	-285.00	-124.21	2.91
1518	35	1876	4.70	2.37	-4.19	-3.62	1.80	1.84	-37.78	-316.87	-57.31	-297.33	-71.21
		1799	4.68	-15.38	-29.09	-28.13	-16.34	-3.49	107.95	-183.04	-150.11	75.03	-92.18
		1837	3.15	-8.29	-9.00	-8.35	-8.95	0.19	-93.26	-214.46	-214.43	-93.29	1.90
1518	37	1876	3.55	1.69	-5.33	-5.14	1.50	1.13	-35.72	-239.66	-42.82	-232.56	-37.39
		1799	3.91	-14.60	-27.49	-26.91	-15.18	-2.67	61.91	-162.51	-145.52	44.92	-59.36
		1837	3.15	-7.82	-9.57	-8.97	-8.42	0.83	-76.44	-210.95	-204.61	-82.78	28.51
1519	8	1876	4.03	-1.35	-23.65	-5.94	-19.06	9.02	-29.48	-254.05	-142.33	-141.20	-112.29
		1837	4.98	-5.96	-12.91	-12.88	-5.99	-0.45	-79.18	-346.18	-180.68	-244.67	129.61
		1838	7.70	9.66	-5.06	-0.84	5.44	-6.66	-4.54	-475.57	-106.91	-373.20	194.27
1519	32	1876	3.11	-0.56	-17.22	-3.86	-13.92	6.63	-20.27	-193.44	-114.03	-99.68	-86.28
		1837	3.68	-4.20	-9.48	-9.43	-4.25	-0.49	-63.61	-258.08	-139.90	-181.79	94.95
		1838	5.72	7.35	-3.66	-0.45	4.14	-5.01	-7.49	-354.77	-83.93	-278.32	143.89
1519	37	1876	2.96	0.43	-14.30	-2.22	-11.65	5.65	-14.53	-180.46	-115.95	-79.04	-80.89
		1837	3.24	-3.18	-8.00	-7.89	-3.29	-0.71	-64.03	-230.39	-133.43	-160.99	82.03
		1838	5.04	6.78	-2.98	-0.05	3.84	-4.47	-13.05	-315.54	-81.09	-247.50	126.31
1520	7	1876	3.82	11.01	-11.44	4.25	-4.69	10.30	0.81	-220.06	-43.33	-175.92	-88.32
		1838	4.54	-2.05	-22.28	-12.21	-12.12	-10.11	-77.76	-290.66	-79.55	-288.88	-19.44
		1868	4.63	11.96	-1.08	7.03	3.85	6.32	-121.73	-328.07	-132.24	-317.56	-45.36
1520	31	1876	2.85	8.57	-7.92	3.76	-3.11	7.49	-8.92	-166.12	-47.16	-127.88	-67.45
		1838	3.35	-1.31	-16.45	-8.92	-8.84	-7.57	-64.02	-217.94	-64.37	-217.59	-7.35
		1868	3.40	9.16	-0.43	5.58	3.14	4.64	-94.88	-240.59	-103.39	-232.08	-34.17
1520	37	1876	2.73	8.90	-5.22	5.26	-1.58	6.18	-30.90	-163.71	-89.63	-104.98	-65.96
		1838	2.97	-0.47	-14.32	-7.45	-7.34	-6.92	-72.13	-205.28	-74.08	-203.32	16.02
		1868	2.96	9.02	0.78	6.10	3.71	3.94	-97.93	-205.11	-108.48	-194.55	-31.94
1521	7	1868	4.69	-2.46	-14.54	-3.24	-13.76	2.96	76.25	-257.57	-17.01	-164.31	-149.78
		1838	9.63	6.69	-2.73	0.33	3.63	-4.41	-6.64	-619.53	-283.72	-342.45	305.04
		1780	8.49	14.66	-2.09	5.43	7.13	-8.33	28.51	-501.69	-112.29	-360.90	234.15
1521	31	1868	3.45	-1.38	-10.53	-1.98	-9.93	2.26	51.70	-192.81	-19.44	-121.67	-111.06
		1838	7.11	5.14	-1.94	0.43	2.77	-3.34	-6.20	-457.56	-213.64	-250.12	224.94
		1780	6.26	10.86	-1.44	4.17	5.25	-6.12	16.74	-372.07	-88.00	-267.33	172.49
1521	37	1868	2.96	0.20	-8.51	-0.39	-7.92	2.19	30.99	-177.05	-38.93	-107.13	-98.27
		1838	6.21	5.12	-1.45	0.97	2.71	-3.17	-9.11	-399.47	-199.44	-209.15	195.12
		1780	5.42	9.57	-0.91	4.14	4.52	-5.24	0.97	-329.54	-92.93	-235.64	149.05
1522	7	1918	7.43	20.34	1.11	1.11	20.33	0.28	409.18	-103.45	322.99	-17.26	191.72
		1868	4.00	10.55	-2.67	-2.27	10.16	2.25	77.36	-197.38	37.48	-157.51	96.77
		1926	8.88	22.17	5.81	7.48	20.50	-4.95	543.37	-45.05	454.47	43.85	210.73
1522	31	1918	5.43	14.99	0.88	0.88	14.99	0.04	296.80	-76.13	237.28	-16.61	136.58
		1868	2.90	8.10	-1.67	-1.37	7.80	1.69	50.50	-145.74	23.31	-118.55	67.80
		1926	6.52	16.45	4.04	5.41	15.08	-3.88	397.72	-33.06	332.41	32.25	154.49
1522	37	1918	4.54	13.00	0.92	0.95	12.98	-0.50	242.45	-66.27	202.97	-26.79	103.11
		1868	2.37	8.07	-0.49	-0.20	7.78	1.55	23.18	-127.29	6.39	-110.50	47.38
		1926	5.56	14.63	2.70	4.35	12.98	-4.12	335.53	-28.09	279.68	27.76	131.11
1523	8	1868	8.12	9.43	-3.94	-0.78	6.27	5.68	342.70	-256.68	342.68	-256.65	3.82
		1780	10.15	10.84	-15.28	1.92	-6.36	-12.38	-137.16	-679.77	-467.26	-349.67	264.86
		1779	8.28	8.86	-0.47	8.40	2.76e-04	-2.03	364.07	-267.26	148.46	-51.64	299.39
		1926	7.03	20.85	14.55	14.64	20.76	-0.74	480.36	96.20	480.31	96.25	-4.40
1523	32	1868	5.90	7.22	-2.70	-0.34	4.86	4.23	245.43	-190.30	245.43	-190.30	0.74
		1780	7.54	8.05	-11.21	1.56	-4.72	-9.10	-100.08	-504.79	-348.25	-256.62	197.10
		1779	6.10	6.44	-0.29	6.15	7.65e-03	-1.38	268.10	-197.86	106.54	-36.30	221.76
		1926	5.15	15.56	10.60	10.69	15.47	-0.65	352.67	72.87	352.64	72.90	-3.10
1523	37	1868	4.99	6.85	-1.95	0.14	4.76	3.75	200.72	-167.02	200.69	-167.00	-2.77
		1780	6.66	7.01	-9.61	1.57	-4.16	-7.80	-84.02	-444.37	-308.04	-220.34	174.76
		1779	5.32	5.36	-0.14	5.21	0.02	-0.91	234.18	-173.00	88.68	-27.49	195.13
		1926	4.42	13.90	8.93	9.04	13.79	-0.75	303.89	67.25	303.87	67.27	-2.17
1524	21	52	140.51	33.73	-27.32	-13.36	19.77	25.64	7243.11	-3117.12	3386.82	739.17	-5008.10
		1805	136.63	-54.02	-104.17	-71.12	-87.07	23.77	8561.48	-642.95	-236.27	8154.80	-1891.52
		1869	50.23	20.39	-12.69	16.11	-8.41	11.11	2529.66	-1167.97	248.84	1112.85	-1797.63
		1867	35.86	-8.60	-44.19	-38.27	-14.53	13.26	1074.30	-1563.76	-1538.55	1049.09	256.67
1524	35	52	105.83	25.51	-20.31	-9.98	15.17	19.15	5461.22	-2340.95	2561.15	559.12	-3770.47
		1805	102.96	-40.51	-78.36	-53.52	-65.36	17.98	6453.76	-481.27	-173.45	6145.95	-1428.27
		1869	37.91	15.53	-9.59	12.29	-6.35	8.41	1909.91	-880.23	190.20	839.49	-1356.77
		1867	26.98	-6.30	-33.01	-28.63	-10.68	9.89	809.47	-1175.80	-1157.17	790.84	191.38
1524	37	52	91.08	20.85	-18.57	-8.58	10.86	17.15	4667.60	-2053.66	2137.23	476.71	-3256.46
		1805	88.17	-35.19	-66.46	-45.50	-56.15	14.70	5514.16	-437.79	-183.48	5259.85	-1203.73
		1869	32.06	11.32	-6.99	8.59	-4.26	6.52	1609.53	-758.58	148.68	702.27	-1151.25
		1867	23.19	-6.39	-30.91	-26.25	-11.05	9.62	674.03	-1026.29	-1007.80	655.53	176.36
1525	21	1805	93.15	-35.98	-106.38	-72.91	-69.45	-35.15	6079.53	102.90	299.08	5883.35	1064.90
		1809	82.92	59.27	-22.25	-20.86	57.87	10.57	4959.04	-624.48	-155.94	4490.49	1548.10
		1927	35.20	33.37	-19.12	-5.06	19.31	-23.24	2489.13	358.12	496.14	2351.11	524.48
		1869	67.14	33.91	-20.28	30.80	-17.17	-12.62	3298.57	-1603.87	-1501.74	3196.44	700.19
1525	35	1805	70.17	-26.99	-79.98	-54.67	-52.29	-26.47	4580.80	80.33	227.35	4433.77	800.04
		1809	62.48	44.20	-16.75	-15.70	43.15	7.93	3738.77	-468.66	-117.26	3387.37	1164.04
		1927	26.52	24.99	-14.44	-3.76	14.32	-17.52	1876.35	271.35	374.07	1773.63	392.82
		1869	50.54	25.40	-15.27	23.14	-13.01	-9.32	2487.39	-1202.44	-1126.63	2411.58	523.43
1525	37	1805	60.12	-23.96	-68.55	-48.53	-43.99	-22.18	3921.05	49.48	180.07	3790.46	698.94
		1809	53.48	42.15	-14.14	-13.24	41.25	7.07	3181.35	-411.97	-102.04	2871.42	1008.77

		1927	22.61	22.54	-11.27	-3.38	14.65	-14.30	1588.24	219.43	314.28	1493.39	347.61
		1869	43.39	23.45	-11.89	20.81	-9.24	-9.30	2110.51	-1064.24	-993.25	2039.53	469.38
1526	22	1809	81.81	21.00	-31.65	-26.38	15.72	-15.81	5087.04	-532.77	-446.84	5001.10	689.59
		1804	74.05	169.36	0.17	0.46	169.07	-6.98	4331.83	-97.99	-78.31	4312.15	294.60
		1879	51.77	100.37	-2.37	-1.66	99.65	-8.54	3085.30	-95.41	-41.05	3030.94	412.23
		1927	45.41	51.67	-1.29	10.58	39.80	-22.09	3031.76	213.44	244.01	3001.19	291.91
1526	36	1809	61.60	15.18	-23.82	-19.79	11.15	-11.87	3834.82	-397.28	-333.91	3771.44	513.99
		1804	55.76	126.02	0.12	0.34	125.80	-5.30	3267.30	-72.15	-57.55	3252.70	220.29
		1879	38.94	74.14	-1.78	-1.23	73.59	-6.41	2325.03	-71.20	-30.80	2284.63	308.53
		1927	34.20	38.43	-1.00	7.99	29.44	-16.55	2285.68	163.30	185.45	2263.53	215.70
1526	37	1809	52.95	14.51	-20.35	-17.05	11.20	-10.21	3288.81	-345.59	-289.86	3233.08	446.58
		1804	47.93	111.05	0.10	0.28	110.87	-4.50	2798.50	-63.80	-51.00	2785.70	190.98
		1879	33.45	66.54	-1.52	-1.08	66.10	-5.50	1988.06	-61.75	-26.50	1952.81	266.47
		1927	29.33	34.14	-0.45	6.89	26.80	-14.15	1953.49	135.93	155.74	1933.68	188.73
1527	8	1705	69.16	67.02	-1.81	12.36	52.85	27.83	3153.85	-1974.77	1434.69	-255.61	2421.03
		1676	30.07	19.62	-117.54	-113.29	15.37	23.76	742.08	-1210.51	-548.93	80.50	924.18
		67	89.48	103.90	68.49	98.45	73.94	12.78	1829.97	-4801.09	1117.29	-4088.41	2053.76
		1702	58.06	102.09	-4.64	9.85	87.60	36.56	3110.48	-1139.30	2830.70	-859.53	1053.91
1527	32	1705	50.72	49.14	-1.36	9.08	38.70	20.45	2312.89	-1447.77	1050.63	-185.51	1775.85
		1676	22.04	14.32	-86.01	-82.92	11.23	17.32	545.35	-887.03	-401.83	60.15	677.92
		67	65.58	76.20	50.14	72.14	54.21	9.45	1340.38	-3518.79	818.21	-2996.62	1504.88
		1702	42.52	74.78	-3.31	7.33	64.14	26.79	2278.77	-833.71	2073.54	-628.48	772.42
1527	37	1705	43.00	41.96	-1.21	7.87	32.88	17.59	1964.55	-1220.19	888.97	-144.61	1506.18
		1676	18.70	12.48	-72.27	-69.78	10.00	14.29	470.11	-748.11	-339.82	61.82	575.05
		67	55.45	64.95	42.74	61.04	46.65	8.46	1135.07	-2974.59	692.35	-2531.88	1274.13
		1702	35.86	63.34	-2.43	6.60	54.31	22.63	1929.75	-694.42	1756.00	-520.67	652.51
1528	8	1704	49.60	96.77	-54.05	-40.78	83.50	42.73	3081.43	-184.49	2780.98	115.97	943.92
		1705	57.14	58.99	-194.08	-132.32	-2.78	108.70	2533.53	-1367.94	1547.72	-382.13	1695.37
		1702	53.17	154.12	65.94	103.27	116.80	43.57	3014.35	-499.65	2752.11	-237.41	923.43
		1701	54.75	59.64	-84.93	0.65	-25.94	71.05	4070.93	1686.07	4009.70	1747.31	377.21
1528	32	1704	36.33	70.85	-39.54	-29.78	61.09	31.35	2259.21	-132.77	2037.61	88.82	693.50
		1705	41.90	43.21	-142.09	-96.84	-2.05	79.61	1857.82	-1002.37	1133.47	-278.02	1243.83
		1702	38.95	112.96	48.28	75.70	85.53	31.97	2208.25	-364.91	2015.90	-172.56	676.73
		1701	40.11	43.72	-62.24	0.55	-19.07	52.06	2983.07	1240.35	2938.15	1285.28	276.17
1528	37	1704	30.66	59.90	-33.28	-24.89	51.51	26.67	1917.69	-97.23	1727.21	93.26	589.52
		1705	35.48	36.76	-119.92	-81.57	-1.59	67.37	1577.74	-841.02	959.18	-222.46	1055.24
		1702	32.91	95.89	40.85	64.25	72.49	27.21	1869.88	-297.75	1706.99	-134.87	571.43
		1701	33.97	37.06	-52.71	0.68	-16.33	44.07	2528.88	1072.38	2491.53	1109.73	230.23
1529	7	1703	41.59	-12.47	-95.24	-56.61	-51.10	41.29	2656.64	51.82	2648.71	59.76	-143.55
		1704	47.99	56.80	-92.87	-54.99	18.92	65.07	3135.85	-26.59	2910.14	199.12	814.15
		1701	55.64	69.35	-15.51	21.11	32.73	42.03	4117.76	1602.44	4029.18	1691.02	463.64
		1700	76.62	6.96	-108.40	-7.82	-93.63	38.55	5817.81	2684.41	5745.90	2756.32	-469.22
1529	31	1703	30.44	-9.03	-69.73	-41.33	-37.44	30.28	1947.27	42.71	1941.65	48.32	-103.25
		1704	35.15	41.55	-68.01	-40.20	13.75	47.68	2299.03	-18.00	2131.76	149.26	599.65
		1701	40.77	50.86	-11.39	15.55	23.92	30.84	3016.93	1177.87	2951.79	1243.01	339.94
		1700	56.17	5.13	-79.52	-5.69	-68.71	28.26	4264.83	1976.67	4211.88	2029.62	-344.02
1529	37	1703	25.68	-7.31	-58.89	-34.52	-31.68	25.75	1651.54	51.45	1647.41	55.58	-81.23
		1704	29.74	34.99	-57.49	-33.75	11.25	40.40	1951.58	-10.53	1803.76	137.29	517.87
		1701	34.52	43.21	-9.72	13.41	20.08	26.26	2554.52	1009.68	2498.58	1065.62	288.61
		1700	47.66	4.43	-67.67	-4.68	-58.55	23.96	3618.71	1705.63	3573.02	1751.32	-292.10
1530	7	1671	63.16	-52.66	-236.32	-93.14	-195.85	-76.13	1121.07	-3226.82	-3166.39	1060.64	508.99
		1703	54.65	29.07	-149.51	-50.45	-69.98	88.75	3263.28	219.37	2418.24	1064.42	-1363.14
		1700	78.74	-28.30	-53.50	-35.45	-46.35	-11.36	5879.63	2057.94	5867.47	2070.10	-215.25
		42	164.85	36.23	-333.70	13.36	-310.83	89.10	8552.70	-3505.93	5074.60	-27.83	-5462.96
1530	31	1671	46.39	-38.58	-172.96	-68.20	-143.35	-55.70	827.77	-2367.06	-2321.91	782.62	377.09
		1703	40.02	21.31	-109.44	-36.89	-51.23	64.98	2393.13	168.65	1773.65	788.14	-997.13
		1700	57.69	-20.68	-39.30	-25.87	-34.11	-8.35	4310.16	1518.72	4301.26	1527.62	-157.37
		42	120.83	26.56	-244.11	9.83	-227.39	65.17	6279.86	-2553.03	3723.39	3.43	-4005.68
1530	37	1671	39.66	-32.67	-145.86	-57.61	-120.92	-46.92	721.58	-2013.64	-1972.55	680.49	332.72
		1703	33.82	18.09	-92.34	-31.01	-43.24	54.87	2033.62	168.31	1507.90	694.03	-839.20
		1700	48.86	-17.31	-33.62	-21.55	-29.38	-7.15	3657.21	1321.23	3649.70	1328.74	-132.20
		42	102.49	22.52	-205.47	8.48	-191.43	54.81	5361.48	-2111.51	3170.22	79.74	-3402.00
1531	8	1708	48.80	35.91	-79.83	-74.63	30.71	23.97	2233.98	-1409.27	838.35	-13.64	1771.12
		1677	21.79	93.40	50.05	50.83	92.63	-5.76	904.67	-739.67	-40.57	205.57	812.91
		1676	33.17	-15.67	-84.42	-74.51	-25.58	-24.15	1009.81	-1356.51	4.57	-351.27	1169.71
		1705	66.14	183.94	2.71	22.21	164.45	-56.15	2846.64	-1705.32	1401.53	-260.21	2118.90
1531	32	1708	35.83	26.27	-58.43	-54.61	22.45	17.57	1640.73	-1034.29	614.20	-7.75	1300.86
		1677	16.00	68.33	36.60	37.17	67.75	-4.23	665.18	-542.18	-29.53	152.54	596.78
		1676	24.32	-11.48	-61.74	-54.49	-18.73	-17.65	741.29	-994.26	3.44	-256.41	857.99
		1705	48.49	134.62	2.03	16.28	120.36	-41.08	2087.83	-1250.28	1026.42	-188.87	1554.51
1531	37	1708	30.48	22.46	-49.31	-46.00	19.16	15.04	1398.98	-873.61	520.15	5.22	1106.74
		1677	13.62	57.87	30.67	31.17	57.36	-3.68	571.53	-456.03	-24.67	140.17	507.12
		1676	20.59	-9.33	-51.56	-45.61	-15.27	-14.69	633.64	-837.32	3.05	-206.74	727.96
		1705	41.03	113.68	1.95	13.91	101.72	-34.55	1773.94	-1052.78	868.65	-147.50	1318.88
1532	8	1707	36.71	44.50	-61.43	-32.72	15.78	47.09	1956.77	-634.83	1549.68	-227.74	943.02
		1708	41.36	52.04	-9.98	-3.40	45.45	19.11	1945.45	-1114.15	907.99	-76.68	1448.41
		1705	55.13	140.05	-107.06	-104.46	137.45	25.25	2625.72	-1249.13	1597.40	-220.81	1710.89

		1704	46.64	37.79	-78.00	-43.89	3.68	52.78	2988.24	-158.59	2716.61	113.04	883.73
1532	32	1707	26.95	32.57	-44.99	-23.91	11.49	34.51	1436.85	-464.75	1135.84	-163.74	694.12
		1708	30.36	38.06	-7.30	-2.47	33.23	13.99	1428.72	-817.34	665.24	-53.85	1063.92
		1705	40.40	102.53	-78.35	-76.43	100.61	18.52	1925.53	-915.55	1169.87	-159.89	1255.33
		1704	34.19	27.68	-57.13	-32.07	2.63	38.69	2190.91	-113.89	1990.45	86.57	649.48
1532	37	1707	22.88	27.62	-38.04	-20.05	9.63	29.29	1224.26	-385.68	963.43	-124.85	593.20
		1708	25.81	32.28	-6.16	-2.02	28.14	11.91	1218.24	-688.40	563.46	-33.61	905.37
		1705	34.14	86.79	-65.99	-64.33	85.13	15.82	1635.52	-768.22	990.02	-122.72	1065.34
		1704	28.93	23.48	-48.29	-26.87	2.06	32.84	1859.82	-81.67	1687.29	90.86	552.45
1533	8	1706	19.92	21.28	-75.93	-13.66	-40.99	46.64	1136.66	-153.90	1127.47	-144.71	108.50
		1707	35.60	36.90	-63.58	-32.26	5.57	46.54	1933.65	-545.70	1545.36	-157.41	901.08
		1704	47.01	62.05	-73.18	-46.82	35.69	53.57	3020.22	-95.68	2779.06	145.49	832.64
		1703	41.70	-0.54	-117.67	-53.34	-64.87	58.28	2733.55	285.95	2696.99	322.51	-296.89
1533	32	1706	14.59	15.62	-55.67	-9.97	-30.08	34.20	834.13	-109.18	827.05	-102.10	81.40
		1707	26.15	27.00	-46.56	-23.57	4.01	34.10	1420.43	-399.76	1132.71	-112.04	664.02
		1704	34.43	45.43	-53.57	-34.21	26.07	39.27	2214.43	-67.81	2036.11	110.51	612.50
		1703	30.53	-0.38	-86.19	-38.97	-47.59	42.69	2003.91	215.42	1977.35	241.99	-216.34
1533	37	1706	12.29	13.29	-47.26	-8.35	-25.61	29.02	709.77	-77.68	703.08	-70.99	72.26
		1707	22.22	22.88	-39.36	-19.77	3.28	28.91	1211.25	-330.91	960.90	-80.56	568.69
		1704	29.06	38.44	-45.18	-28.66	21.91	33.30	1879.67	-42.21	1725.82	111.64	521.55
		1703	25.79	-0.28	-72.91	-32.64	-40.55	36.10	1702.51	205.44	1680.04	227.91	-182.03
1534	7	1672	19.58	63.34	-83.00	58.60	-78.26	-25.90	687.59	-311.09	-289.28	665.78	145.97
		1706	18.30	14.35	-121.31	-32.03	-74.93	64.35	1204.09	551.18	1202.65	552.62	-30.67
		1703	35.76	12.44	-87.54	-36.02	-39.07	49.97	2361.28	416.31	2224.05	553.54	-498.08
		1671	41.53	-82.39	-242.09	-105.83	-218.65	56.52	1865.08	-529.02	312.46	1023.60	-1143.02
1534	31	1672	14.43	46.35	-60.69	42.88	-57.23	-18.94	509.83	-228.46	-211.45	492.82	110.75
		1706	13.40	10.59	-88.85	-23.38	-54.88	47.16	883.31	408.53	882.53	409.31	-19.28
		1703	26.16	9.06	-64.11	-26.36	-28.69	36.57	1730.38	312.44	1630.78	412.03	-362.35
		1671	30.43	-60.28	-177.17	-77.44	-160.01	41.37	1369.75	-382.25	230.03	757.48	-835.36
1534	37	1672	12.50	39.04	-51.02	36.13	-48.11	-15.94	451.38	-195.35	-177.47	433.51	106.02
		1706	11.33	9.23	-75.13	-19.51	-46.39	39.98	751.83	360.77	751.74	360.86	-6.07
		1703	22.03	7.49	-54.19	-22.21	-24.49	30.82	1466.31	288.47	1385.03	369.75	-298.54
		1671	25.78	-50.79	-149.35	-65.27	-134.87	34.89	1170.54	-306.56	198.33	665.65	-700.61
1535	8	1813	38.65	42.14	-33.21	-9.25	18.19	35.09	1655.65	-1083.69	547.32	24.63	1344.51
		1678	16.94	50.77	9.15	9.61	50.31	4.35	710.69	-518.06	4.17	188.46	607.43
		1677	22.47	75.45	-13.01	-12.98	75.41	-1.69	895.79	-783.90	-17.41	129.31	836.64
		1708	47.90	50.84	-12.37	-8.04	46.51	15.98	2188.45	-1396.40	839.81	-47.76	1736.62
1535	32	1813	28.40	30.80	-24.30	-6.76	13.26	25.67	1218.41	-795.25	401.74	21.42	988.71
		1678	12.46	37.13	6.69	7.03	36.79	3.18	523.99	-379.30	3.32	141.36	446.34
		1677	16.50	55.18	-9.52	-9.50	55.15	-1.25	658.80	-574.85	-12.65	96.60	614.41
		1708	35.17	37.18	-9.06	-5.87	34.00	11.71	1607.24	-1024.72	615.31	-32.80	1275.46
1535	37	1813	24.20	26.08	-20.54	-5.67	11.22	21.73	1043.42	-671.83	341.63	29.96	843.35
		1678	10.65	31.46	5.63	5.91	31.18	2.66	452.62	-318.04	3.31	131.27	379.98
		1677	14.08	46.77	-8.01	-7.99	46.75	-1.06	566.16	-484.08	-10.54	92.62	522.58
		1708	29.90	31.54	-7.68	-4.94	28.80	9.99	1370.24	-865.20	521.18	-16.15	1084.95
1536	8	1808	30.87	40.25	-46.19	-8.40	2.46	42.88	1459.18	-636.19	937.06	-114.07	906.32
		1813	33.03	47.17	-27.01	-1.28	21.45	35.31	1448.39	-855.77	605.82	-13.19	1109.73
		1708	40.80	56.69	-32.84	-28.07	51.92	20.10	1944.61	-1100.54	937.56	-93.49	1432.65
		1707	36.16	43.55	-60.28	-25.80	9.07	48.90	1937.35	-563.42	1539.38	-165.45	914.80
1536	32	1808	22.71	29.43	-33.84	-6.09	1.68	31.40	1074.68	-466.13	688.03	-79.48	668.03
		1813	24.27	34.47	-19.76	-0.93	15.64	25.82	1066.00	-627.46	444.83	-6.29	816.13
		1708	29.96	41.46	-24.03	-20.53	37.96	14.73	1428.02	-807.43	686.82	-66.23	1052.39
		1707	26.55	31.88	-44.16	-18.85	6.56	35.84	1422.57	-412.34	1128.30	-118.08	673.32
1536	37	1808	19.37	24.91	-28.69	-5.05	1.27	26.61	922.03	-390.12	585.79	-53.88	572.84
		1813	20.67	29.13	-16.68	-0.77	13.22	21.81	913.28	-528.20	378.58	6.50	696.32
		1708	25.46	35.14	-20.26	-17.26	32.14	12.54	1217.37	-680.11	581.59	-44.33	895.64
		1707	22.54	27.01	-37.40	-15.80	5.41	30.41	1212.04	-341.11	957.08	-86.14	575.32
1537	8	1820	31.65	41.13	-39.72	-0.96	2.36	40.39	1341.13	-811.71	449.39	80.03	1060.46
		1679	11.59	1.95	-9.94	0.21	-8.19	4.20	563.30	-295.73	47.91	219.66	420.84
		1678	17.35	46.88	-0.85	-0.69	46.72	2.76	709.50	-562.95	-27.05	173.61	628.27
		1813	38.51	45.37	-28.38	-2.63	19.62	35.16	1660.55	-1062.44	570.71	27.40	1334.12
1537	32	1820	23.28	30.04	-29.07	-0.70	1.68	29.53	989.61	-594.43	331.37	63.81	780.64
		1679	8.52	1.42	-7.27	0.14	-6.00	3.07	417.12	-214.05	36.37	166.70	308.78
		1678	12.77	34.27	-0.62	-0.50	34.16	2.01	523.23	-413.04	-20.26	130.45	462.03
		1813	28.30	33.15	-20.78	-1.92	14.29	25.72	1222.03	-779.17	419.33	23.52	980.83
1537	37	1820	19.87	25.41	-24.59	-0.62	1.44	24.98	852.12	-500.29	284.67	67.16	667.40
		1679	7.28	1.18	-6.13	0.09	-5.04	2.60	363.14	-174.68	33.21	155.25	261.90
		1678	10.94	29.04	-0.50	-0.41	28.94	1.68	452.29	-348.31	-17.99	121.97	394.13
		1813	24.10	28.02	-17.59	-1.61	12.04	21.76	1046.44	-657.20	357.36	31.88	836.13
1538	8	1825	27.42	37.15	-35.31	-12.23	14.08	33.76	1169.34	-722.31	447.36	-0.33	918.95
		1680	9.49	-11.99	-99.00	-18.08	-92.90	22.21	504.29	355.61	504.11	355.79	5.21
		1679	15.88	8.61	-4.27	8.32	-3.98	-1.91	546.56	-647.06	-264.80	164.30	556.91
		1820	30.17	41.10	-50.15	-2.81	-6.24	45.59	1385.56	-596.05	626.39	163.12	963.35
1538	32	1825	20.22	27.32	-25.87	-8.98	10.43	24.76	865.16	-530.22	331.00	3.94	678.26
		1680	7.18	-8.83	-72.59	-13.31	-68.12	16.30	382.07	273.37	381.96	273.48	-3.48
		1679	11.77	6.35	-3.11	6.13	-2.90	-1.40	404.65	-479.84	-200.15	124.96	411.29
		1820	22.15	29.97	-36.74	-2.12	-4.65	33.33	1023.02	-431.28	465.61	126.14	707.06

1538	37	1825	17.38	23.75	-22.00	-7.64	9.39	21.23	748.99	-449.61	286.92	12.46	583.38
		1680	6.53	-7.51	-61.91	-11.30	-58.11	13.85	350.27	253.21	347.18	256.30	-17.04
		1679	10.22	5.41	-2.54	5.24	-2.38	-1.14	352.65	-416.01	-181.08	117.72	354.10
		1820	18.82	25.15	-31.14	-1.99	-4.00	28.13	881.84	-352.35	406.77	122.72	600.53
1539	22	1833	36.45	126.35	29.67	82.88	73.14	-48.09	962.29	-1483.87	151.09	-672.67	1151.64
		1681	106.87	109.29	-137.33	107.33	-135.37	21.87	7014.32	326.71	5633.48	1707.56	-2706.99
		1680	53.90	-86.07	-106.43	-93.58	-98.92	9.83	76.53	-3361.28	-2788.06	-496.70	1281.43
		1825	25.01	36.31	-40.57	-27.53	23.28	28.85	1845.40	820.04	1815.75	849.69	171.83
1539	36	1833	27.27	93.66	22.29	61.57	54.37	-35.50	716.62	-1115.78	111.36	-510.52	861.82
		1681	80.23	81.19	-101.71	79.77	-100.29	16.03	5270.92	249.60	4226.82	1293.70	-2037.80
		1680	40.38	-63.74	-79.00	-69.45	-73.29	7.38	56.54	-2519.29	-2091.26	-371.49	958.81
		1825	18.69	26.88	-29.97	-20.43	17.33	21.25	1378.95	621.78	1359.69	641.04	119.22
1539	37	1833	23.17	88.80	22.66	59.30	52.15	-32.88	641.80	-901.77	114.28	-374.25	732.11
		1681	67.47	78.21	-95.61	77.10	-94.51	13.82	4361.86	159.29	3551.20	969.96	-1658.22
		1680	34.44	-59.67	-75.75	-66.15	-69.27	7.89	56.39	-2126.29	-1761.47	-308.44	814.37
		1825	16.22	25.65	-27.55	-19.04	17.14	19.50	1195.72	476.83	1157.82	514.73	160.65
1540	8	1830	23.51	68.75	15.45	68.55	15.65	-3.25	1316.07	-158.92	1170.65	-13.50	439.71
		1833	22.20	72.72	-26.83	72.65	-26.76	-2.72	1231.73	7.41	1139.85	99.29	322.57
		1825	25.93	19.65	-6.39	-5.79	19.05	3.92	1327.84	-623.45	710.98	-6.60	907.28
		1824	33.71	44.16	-11.81	32.74	-0.40	22.55	1783.38	-504.08	1068.50	210.81	1060.29
1540	32	1830	17.45	50.13	11.12	49.98	11.27	-2.40	977.52	-120.38	869.52	-12.38	326.96
		1833	16.51	53.50	-19.38	53.44	-19.32	-2.08	922.13	13.31	856.53	78.91	235.19
		1825	19.18	14.28	-4.87	-4.48	13.89	2.72	984.65	-456.65	530.35	-2.34	669.62
		1824	24.92	32.06	-8.43	23.90	-0.28	16.24	1324.08	-368.38	792.07	163.62	785.73
1540	37	1830	15.24	42.17	8.79	42.05	8.91	-2.03	854.59	-109.19	760.29	-14.89	286.34
		1833	14.50	46.59	-15.48	46.52	-15.40	-2.20	819.08	24.87	766.40	77.55	197.64
		1825	16.61	11.96	-4.69	-4.49	11.75	1.83	856.78	-385.10	467.56	4.12	576.08
		1824	21.54	26.67	-6.39	20.30	-0.02	13.04	1156.46	-309.85	689.13	157.48	683.27
1541	8	1824	30.52	46.50	-0.51	32.56	13.42	21.47	1576.27	-508.51	985.72	82.04	939.37
		1825	21.66	22.31	-27.48	-9.20	4.03	24.00	1202.58	-242.83	779.92	179.83	657.48
		1820	28.39	42.78	-41.64	-2.60	3.73	42.09	1195.14	-702.18	476.23	16.73	920.42
		1817	29.23	44.20	-39.17	-4.07	9.10	41.16	1429.50	-520.03	865.28	44.19	884.09
1541	32	1824	22.59	33.72	-0.33	23.78	9.61	15.48	1169.87	-374.66	729.50	65.71	697.31
		1825	15.94	16.31	-20.10	-6.89	3.10	17.50	892.60	-169.21	583.01	140.37	482.58
		1820	20.90	31.21	-30.46	-1.91	2.66	30.75	882.28	-515.59	350.54	16.15	678.64
		1817	21.53	32.21	-28.65	-2.92	6.48	30.06	1057.02	-379.00	638.29	39.72	652.66
1541	37	1824	19.56	27.88	-0.06	20.09	7.73	12.53	1020.91	-320.11	632.47	68.33	608.29
		1825	13.63	13.90	-16.85	-6.21	3.26	14.63	778.07	-126.07	515.85	136.14	410.27
		1820	17.88	26.29	-25.76	-1.67	2.20	25.95	760.63	-436.12	300.04	24.48	582.30
		1817	18.45	27.00	-24.15	-2.37	5.21	25.29	914.72	-314.45	548.94	51.33	561.97
1542	8	1817	29.73	46.31	-35.10	2.02	9.20	40.55	1409.45	-583.29	821.60	4.56	908.77
		1820	27.05	40.19	-39.00	-2.29	3.47	39.49	1206.26	-594.71	541.29	70.27	869.14
		1813	33.16	45.38	-28.13	-5.34	22.58	34.00	1452.45	-875.35	597.89	-20.78	1122.04
		1808	30.86	41.44	-48.67	-9.11	1.88	44.72	1470.97	-609.33	959.06	-97.42	896.03
1542	32	1817	21.91	33.75	-25.68	1.52	6.55	29.61	1042.16	-427.22	605.52	9.42	671.51
		1820	19.89	29.33	-28.53	-1.70	2.50	28.86	890.79	-433.79	400.22	56.77	639.64
		1813	24.37	33.14	-20.58	-3.89	16.45	24.86	1068.88	-642.26	438.56	-11.94	825.38
		1808	22.69	30.30	-35.66	-6.61	1.24	32.75	1083.20	-446.03	704.26	-67.09	660.22
1542	37	1817	18.80	28.30	-21.66	1.37	5.27	24.90	901.91	-358.72	519.85	23.34	579.96
		1820	16.97	24.73	-24.08	-1.51	2.17	24.34	768.44	-361.19	345.83	61.42	546.62
		1813	20.76	27.99	-17.38	-3.26	13.87	21.01	915.55	-541.60	372.39	1.56	704.59
		1808	19.34	25.61	-30.25	-5.48	0.84	27.75	928.97	-372.24	599.73	-43.00	565.70
1543	8	1709	16.61	20.66	-41.75	1.46	-22.54	28.81	883.83	-144.87	755.41	-16.45	340.02
		1808	33.10	40.89	-49.06	-8.85	0.67	44.72	1545.42	-700.15	922.18	-76.90	1005.54
		1707	35.93	42.64	-57.11	-24.93	10.45	46.63	1934.45	-552.84	1519.38	-137.77	927.42
		1706	20.52	15.07	-83.95	-18.26	-50.62	46.80	1265.93	-27.94	1261.38	-23.39	76.62
1543	32	1709	12.21	15.22	-30.71	1.14	-16.62	21.18	651.45	-102.90	555.32	-6.78	251.54
		1808	24.36	29.88	-35.94	-6.42	0.36	32.74	1138.81	-513.79	677.08	-52.06	741.53
		1707	26.40	31.20	-41.84	-18.20	7.57	34.17	1421.02	-405.14	1113.62	-97.73	683.28
		1706	15.03	11.08	-61.54	-13.33	-37.13	34.31	928.80	-16.62	925.24	-13.05	57.94
1543	37	1709	10.39	13.06	-26.30	1.09	-14.33	18.11	560.32	-75.79	474.33	10.20	217.50
		1808	20.80	25.23	-30.43	-5.31	0.12	27.70	978.21	-432.01	576.41	-30.20	636.54
		1707	22.44	26.42	-35.41	-15.25	6.26	28.98	1211.73	-335.94	944.55	-68.76	584.91
		1706	12.67	9.46	-52.22	-11.16	-31.60	29.10	790.13	1.63	786.68	5.08	52.05
1544	8	1673	17.24	8.11	-57.61	7.89	-57.39	-3.80	828.65	-305.14	11.53	511.98	508.69
		1709	17.73	16.12	-43.92	-6.48	-21.32	29.09	1056.19	11.17	734.26	333.10	482.48
		1706	16.48	20.28	-76.95	-3.75	-52.92	41.94	1150.83	407.92	1142.38	416.38	78.81
		1672	14.28	-8.64	-95.86	-8.67	-95.84	-1.36	653.92	14.18	15.29	652.81	-26.56
1544	32	1673	12.77	5.94	-41.97	5.78	-41.81	-2.74	616.39	-224.54	9.07	382.77	376.67
		1709	13.08	11.91	-32.27	-4.69	-15.67	21.40	780.41	10.21	539.91	250.70	356.92
		1706	12.09	14.91	-56.40	-2.71	-38.78	30.76	844.86	303.32	838.06	310.13	60.31
		1672	10.53	-6.33	-70.12	-6.35	-70.11	-0.99	484.55	11.00	11.61	483.94	-16.93
1544	37	1673	11.14	5.01	-34.94	4.89	-34.81	-2.23	544.49	-190.27	8.80	345.42	326.56
		1709	11.24	10.28	-27.56	-3.85	-13.43	18.30	675.63	17.29	461.45	231.46	308.43
		1706	10.25	12.71	-47.86	-2.21	-32.93	26.10	719.69	274.46	712.77	281.38	55.07
		1672	9.20	-5.34	-59.05	-5.36	-59.03	-0.81	430.19	10.36	10.61	429.95	-10.13
1545	8	1814	19.74	36.39	-23.74	11.20	1.45	29.67	1077.30	-153.14	818.04	106.12	501.79

		1817	33.18	40.94	-35.28	0.32	5.34	38.03	1555.25	-715.63	807.99	31.63	1067.02
		1808	33.56	43.66	-46.69	-6.36	3.34	44.91	1571.17	-706.29	942.20	-77.32	1018.26
		1709	16.00	14.42	-46.32	-8.08	-23.81	29.33	884.04	-115.08	766.30	2.67	322.14
1545	32	1814	14.56	26.73	-17.61	8.40	0.73	21.84	797.47	-107.47	603.58	86.42	371.30
		1817	24.46	29.78	-25.79	0.30	3.69	27.74	1149.94	-524.94	595.12	29.89	788.31
		1808	24.70	31.93	-34.21	-4.59	2.30	32.89	1157.74	-518.29	691.78	-52.33	750.90
		1709	11.76	10.63	-34.05	-5.87	-17.55	21.56	651.29	-80.79	563.09	7.41	238.30
1545	37	1814	12.52	22.83	-15.38	7.54	-0.08	18.72	692.55	-78.70	519.81	94.03	321.53
		1817	20.99	24.84	-21.70	0.37	2.77	23.24	995.10	-443.06	510.08	41.96	679.92
		1808	21.10	26.99	-29.01	-3.74	1.72	27.86	994.34	-435.79	588.95	-30.39	644.53
		1709	9.99	9.11	-29.12	-4.89	-15.12	18.42	559.56	-56.41	480.52	22.62	206.00
1546	8	1674	25.11	11.64	-36.36	11.64	-36.35	-0.42	1277.77	-547.46	133.15	597.17	882.63
		1814	24.22	26.65	-22.59	-3.65	7.71	23.96	1353.33	-245.64	719.19	388.50	782.20
		1709	18.53	23.21	-41.85	1.89	-20.54	30.53	1078.31	-7.35	759.72	311.24	494.34
		1673	16.03	-5.66	-59.98	-5.98	-59.65	-4.20	775.92	-264.57	5.87	505.48	456.35
1546	32	1674	18.60	8.60	-26.03	8.60	-26.03	-0.18	951.58	-400.91	98.66	452.01	652.76
		1814	17.92	19.60	-16.77	-2.56	5.38	17.75	1004.23	-176.18	530.80	297.25	578.54
		1709	13.66	17.15	-30.76	1.47	-15.09	22.48	796.37	-3.15	558.38	234.84	365.56
		1673	11.88	-4.19	-43.73	-4.43	-43.49	-3.05	577.54	-194.92	4.34	378.27	337.96
1546	37	1674	16.19	7.46	-20.72	7.46	-20.72	0.11	839.26	-337.58	85.72	415.96	564.77
		1814	15.52	16.75	-14.68	-1.93	4.00	15.43	877.42	-138.93	457.54	280.95	500.44
		1709	11.72	14.81	-26.29	1.43	-12.92	19.26	688.54	6.48	476.76	218.26	315.59
		1673	10.39	-3.66	-36.50	-3.86	-36.31	-2.52	511.22	-165.37	3.73	342.12	292.95
1547	8	1821	30.40	70.29	-1.35	56.08	12.86	28.57	1760.16	-58.11	1412.44	289.61	715.08
		1824	33.13	39.17	-7.88	23.06	8.23	22.33	1693.77	-604.77	957.30	131.70	1072.58
		1817	35.13	50.39	-33.57	4.09	12.74	41.76	1655.13	-735.82	872.81	46.50	1121.81
		1814	16.11	18.05	-29.32	-4.50	-6.77	23.66	903.63	-118.99	666.47	118.17	431.60
1547	32	1821	22.53	51.42	-1.55	41.49	8.38	20.68	1308.58	-38.21	1046.85	223.52	532.90
		1824	24.48	28.37	-5.57	16.77	6.02	16.09	1255.86	-444.82	707.27	103.77	795.00
		1817	25.92	36.66	-24.54	3.07	9.06	30.45	1224.92	-540.23	643.46	41.23	829.62
		1814	11.84	13.26	-21.73	-3.18	-5.29	17.46	667.07	-81.27	489.31	96.49	318.48
1547	37	1821	19.62	43.63	-2.60	36.20	4.83	16.98	1147.30	-22.26	911.11	213.94	469.53
		1824	21.14	23.38	-4.09	14.08	5.21	13.01	1093.45	-379.38	610.44	103.63	691.44
		1817	22.30	30.58	-20.66	2.74	7.19	25.52	1062.26	-456.92	552.83	52.51	717.22
		1814	10.10	11.29	-18.94	-2.46	-5.19	15.05	575.85	-54.31	416.42	105.12	273.95
1548	8	1829	36.88	123.96	26.37	106.40	43.93	37.49	2096.73	6.23	1883.31	219.65	632.94
		1830	29.18	66.49	-23.16	64.14	-20.81	-14.33	1644.71	-220.60	1473.42	-49.30	538.68
		1824	42.85	62.62	-10.35	41.56	10.71	33.06	2040.25	-932.74	1008.83	98.68	1415.13
		1821	23.80	36.19	19.06	35.99	19.26	-1.85	1558.81	87.34	1273.86	372.29	581.46
1548	32	1829	27.42	89.21	18.78	76.50	31.49	27.09	1564.49	-0.02	1401.72	162.75	477.66
		1830	21.62	48.68	-16.50	46.95	-14.77	-10.47	1221.78	-162.39	1094.90	-35.51	399.41
		1824	31.77	45.27	-7.72	30.15	7.40	23.93	1517.67	-690.44	748.49	78.74	1052.04
		1821	17.48	27.18	13.49	26.85	13.83	-2.13	1149.34	70.67	935.55	284.46	430.00
1548	37	1829	24.04	72.30	14.74	61.87	25.17	22.17	1383.47	-9.76	1232.26	141.45	433.37
		1830	18.81	41.47	-12.94	39.98	-11.46	-8.86	1068.39	-139.20	958.19	-29.00	347.76
		1824	27.66	37.13	-6.77	25.05	5.31	19.61	1331.60	-598.15	652.61	80.84	921.55
		1821	14.88	24.89	10.29	23.98	11.20	-3.53	988.20	74.41	796.44	266.16	372.09
1549	8	1675	52.31	123.51	-0.22	107.18	16.11	41.88	2787.80	-676.94	1045.78	1065.08	1732.34
		1821	26.26	16.86	-11.65	5.04	0.17	14.04	1532.34	-250.97	934.48	346.90	841.86
		1814	32.23	69.55	-16.79	32.05	20.72	42.80	1707.93	-328.32	1115.93	263.68	924.66
		1674	23.14	-32.08	-70.21	-55.64	-46.64	-18.53	981.42	-655.52	-174.33	500.23	745.75
1549	32	1675	38.82	91.45	1.12	79.01	13.57	31.13	2076.59	-490.71	775.44	810.44	1283.53
		1821	19.47	12.22	-9.64	3.74	-1.16	10.65	1140.32	-176.97	691.30	272.06	624.39
		1814	23.83	51.36	-12.44	23.89	15.03	31.59	1266.16	-236.98	827.84	201.34	683.18
		1674	17.15	-23.37	-51.32	-41.02	-33.66	-13.48	733.87	-480.80	-125.36	378.43	552.63
1549	37	1675	33.89	79.84	3.72	68.20	15.36	27.40	1828.99	-403.64	675.04	750.30	1115.68
		1821	16.97	10.18	-10.72	3.28	-3.82	9.83	1002.73	-134.43	599.11	269.19	544.12
		1814	20.61	44.45	-10.79	21.23	12.43	27.27	1102.89	-190.36	722.08	190.45	589.46
		1674	14.93	-19.49	-43.37	-35.44	-27.42	-11.25	654.10	-406.68	-100.97	348.40	480.45
1550	8	50	227.89	217.48	-49.86	150.26	17.36	115.99	1.474e+04	678.23	9584.33	5830.61	6774.04
		1829	39.25	119.95	5.35	86.62	38.68	-52.05	-122.64	-2511.41	-1345.64	-1288.41	-1194.04
		1821	88.27	120.96	-23.31	50.87	46.79	72.10	5213.77	-426.58	2653.86	2133.33	2808.14
		1675	90.64	90.50	-101.67	-1.44	-9.73	-96.00	1250.63	-5291.31	-5289.20	1248.51	-117.56
1550	32	50	170.44	157.48	-35.44	107.37	14.68	84.60	1.105e+04	528.77	7133.08	4446.38	5086.56
		1829	29.96	86.28	1.98	61.79	26.47	-38.27	-104.08	-1922.35	-997.64	-1028.79	-909.00
		1821	65.89	88.00	-17.21	37.56	33.23	52.56	3902.11	-313.87	1990.59	1597.65	2098.82
		1675	66.96	67.64	-72.03	0.94	-5.34	-69.76	925.16	-3909.44	-3907.43	923.15	-98.51
1550	37	50	151.56	130.08	-27.90	85.50	16.69	71.11	9882.07	511.26	6264.88	4128.45	4562.01
		1829	27.99	69.91	-2.43	49.03	18.45	-32.79	-112.80	-1803.77	-867.11	-1049.47	-840.55
		1821	58.30	73.46	-14.89	32.57	25.99	44.05	3473.82	-267.59	1781.30	1424.94	1862.20
		1675	57.83	60.34	-56.00	5.04	-0.70	-58.10	802.72	-3374.07	-3371.23	799.88	-108.95
1551	8	1765	26.73	10.87	-2.17	10.44	-1.73	2.33	172.93	-1649.79	-1644.72	167.85	-96.02
		1766	20.66	11.57	-3.52	10.65	-2.61	3.60	189.76	-1229.21	-1220.05	180.60	-113.64
		1570	21.18	1.52	-5.72	0.67	-4.87	2.33	372.71	-1172.01	-1149.53	350.23	-184.95
		1590	27.40	0.22	-4.00	-0.50	-3.29	1.58	309.44	-1645.73	-1631.34	295.05	-167.11
1551	32	1765	19.86	8.04	-1.59	7.69	-1.25	1.79	129.70	-1225.69	-1222.98	126.98	-60.62
		1766	15.33	8.54	-2.58	7.83	-1.88	2.71	143.29	-911.27	-906.09	138.11	-73.77

		1570	15.71	1.19	-4.22	0.51	-3.53	1.79	280.66	-866.56	-852.98	267.08	-124.07
		1590	20.35	0.25	-2.98	-0.34	-2.39	1.25	231.83	-1220.64	-1212.08	223.26	-111.20
1551	37	1765	17.35	7.02	-1.36	6.62	-0.97	1.77	116.65	-1069.74	-1069.08	116.00	-27.87
		1766	13.36	7.41	-2.18	6.69	-1.47	2.52	131.24	-791.43	-789.74	129.54	-39.51
		1570	13.68	1.28	-3.65	0.49	-2.86	1.81	254.78	-747.82	-741.87	248.82	-77.05
		1590	17.74	0.53	-2.69	-0.20	-1.96	1.35	207.55	-1060.90	-1057.38	204.03	-66.72
1552	7	260	55.21	63.20	-149.13	58.24	-144.17	32.05	-938.91	-3493.02	-996.47	-3435.46	379.09
		1933	61.10	17.26	-90.54	17.24	-90.52	-1.54	596.07	-3483.97	43.24	-2931.14	1396.41
		1935	33.82	-6.01	-118.09	-12.38	-111.72	25.95	-232.05	-2007.12	-233.16	-2006.01	-44.43
		263	31.08	-30.64	-91.12	-33.85	-87.91	13.56	-29.89	-1833.07	-207.58	-1655.38	537.43
1552	31	260	40.59	46.46	-109.79	42.81	-106.14	23.62	-690.04	-2567.59	-732.29	-2525.34	278.46
		1933	44.93	12.69	-66.87	12.68	-66.86	-1.05	438.11	-2560.94	31.86	-2154.70	1026.31
		1935	24.87	-4.42	-87.03	-9.13	-82.32	19.16	-170.57	-1475.45	-171.39	-1474.63	-32.72
		263	22.85	-22.56	-67.17	-24.90	-64.82	9.96	-21.94	-1347.47	-152.44	-1216.96	394.91
1552	37	260	34.82	39.85	-94.66	36.67	-91.49	20.43	-591.08	-2200.76	-627.09	-2164.75	238.04
		1933	38.57	10.90	-58.33	10.89	-58.32	-0.61	375.37	-2195.08	27.57	-1847.28	879.23
		1935	21.35	-3.77	-75.34	-7.92	-71.19	16.72	-146.21	-1264.93	-146.93	-1264.22	-28.25
		263	19.62	-19.43	-58.19	-21.40	-56.22	8.52	-18.69	-1155.09	-130.19	-1043.60	338.04
1553	7	263	29.04	7.00	-110.69	2.35	-106.04	22.94	-315.87	-1696.44	-362.05	-1650.26	248.22
		1935	38.16	-0.67	-107.55	-1.75	-106.47	10.68	79.97	-2148.32	15.49	-2083.83	373.54
		1936	21.10	0.93	-100.97	-1.10	-98.94	14.25	-36.24	-1095.03	-36.36	-1094.91	-11.05
		265	19.93	-0.99	-88.98	-5.16	-84.81	18.69	-52.03	-1086.38	-56.97	-1081.44	-71.33
1553	31	263	21.36	5.13	-81.68	1.71	-78.26	16.89	-232.11	-1247.09	-265.99	-1213.20	182.32
		1935	28.07	-0.50	-79.39	-1.31	-78.59	7.93	58.77	-1579.21	11.40	-1531.84	274.49
		1936	15.52	0.70	-74.51	-0.82	-73.00	10.55	-26.64	-805.03	-26.73	-804.94	-8.14
		265	14.67	-0.73	-65.69	-3.78	-62.64	13.75	-38.14	-798.71	-41.77	-795.08	-52.47
1553	37	263	18.36	4.35	-71.01	1.42	-68.08	14.56	-198.70	-1069.23	-227.55	-1040.38	155.84
		1935	24.12	-0.47	-69.13	-1.20	-68.40	7.06	50.34	-1353.77	9.84	-1313.27	235.00
		1936	13.36	0.64	-64.81	-0.71	-63.46	9.30	-22.83	-690.38	-22.91	-690.31	-7.05
		265	12.63	-0.63	-57.23	-3.21	-54.64	11.82	-32.33	-685.11	-35.46	-681.98	-45.09
1554	7	265	19.32	1.18	-94.09	-2.53	-90.38	18.42	-89.52	-1040.65	-95.16	-1035.01	-73.03
		1936	22.82	-0.46	-102.72	-1.70	-101.48	11.17	16.49	-1175.08	16.32	-1174.91	14.34
		1937	13.29	0.64	-88.89	-0.56	-87.69	10.29	35.83	-594.63	18.17	-576.97	-104.03
		267	13.15	0.14	-82.15	-2.94	-79.07	15.63	98.53	-634.40	17.89	-553.77	-229.34
1554	31	265	14.22	0.84	-69.56	-1.87	-66.84	13.56	-65.69	-765.11	-69.84	-760.96	-53.72
		1936	16.79	-0.35	-75.91	-1.27	-74.99	8.29	12.12	-863.87	12.00	-863.74	10.51
		1937	9.78	0.49	-65.71	-0.41	-64.82	7.65	26.33	-437.16	13.35	-424.18	-76.45
		267	9.69	0.11	-60.77	-2.15	-58.52	11.50	72.45	-466.38	13.23	-407.16	-168.53
1554	37	265	12.26	0.66	-60.91	-1.64	-58.61	11.68	-55.95	-656.32	-59.52	-652.75	-46.18
		1936	14.46	-0.33	-66.39	-1.17	-65.55	7.38	10.40	-740.80	10.30	-740.69	8.91
		1937	8.44	0.46	-57.53	-0.35	-56.72	6.82	22.52	-374.92	11.42	-363.82	-65.48
		267	8.37	0.09	-53.33	-1.81	-51.43	9.89	62.17	-399.90	11.59	-349.31	-144.27
1555	7	267	13.19	-0.16	-85.60	-2.60	-83.16	14.24	87.23	-629.76	2.72	-545.25	-231.19
		1937	13.69	-0.20	-92.01	-1.00	-91.21	8.56	41.73	-608.54	20.37	-587.18	-115.91
		1938	6.86	0.52	-79.75	-0.21	-79.03	7.60	131.76	-222.31	23.87	-114.42	-162.97
		269	8.71	-0.04	-77.03	-1.78	-75.29	11.45	269.93	-324.90	58.30	-113.27	-284.77
1555	31	267	9.72	-0.14	-63.42	-1.93	-61.63	10.48	64.14	-462.96	2.08	-400.89	-169.89
		1937	10.08	-0.16	-68.13	-0.76	-67.52	6.38	30.66	-447.38	14.97	-431.69	-85.19
		1938	5.05	0.39	-59.09	-0.15	-58.54	5.67	96.80	-163.37	17.54	-84.10	-119.75
		269	6.42	-0.03	-57.12	-1.30	-55.85	8.42	198.33	-238.69	42.90	-83.26	-209.20
1555	37	267	8.41	-0.19	-55.96	-1.69	-54.46	9.02	55.06	-396.97	2.04	-343.95	-145.45
		1937	8.72	-0.16	-59.98	-0.72	-59.42	5.73	26.24	-383.68	12.81	-370.25	-72.97
		1938	4.38	0.38	-52.14	-0.12	-51.64	5.12	82.82	-139.88	15.00	-72.06	-102.49
		269	5.55	-0.02	-50.55	-1.08	-49.49	7.23	169.71	-204.16	36.92	-71.36	-178.92
1556	7	269	8.77	-0.65	-80.30	-1.93	-79.03	9.99	264.92	-325.46	44.40	-104.93	-285.59
		1938	7.05	-0.14	-83.14	-0.59	-82.69	6.11	130.59	-227.17	15.85	-112.42	-166.99
		1939	9.98	0.47	-73.85	0.06	-73.44	5.52	416.20	-56.87	18.25	341.08	-172.90
		271	11.11	-0.23	-74.66	-0.99	-73.90	7.49	501.82	-96.40	85.27	320.15	-275.09
1556	31	269	6.47	-0.50	-59.63	-1.43	-58.71	7.34	194.65	-239.10	32.68	-77.13	-209.81
		1938	5.20	-0.11	-61.70	-0.45	-61.35	4.57	95.95	-166.94	11.64	-82.63	-122.70
		1939	7.36	0.36	-54.85	0.05	-54.54	4.13	305.96	-41.75	13.40	250.81	-127.03
		271	8.19	-0.17	-55.50	-0.72	-54.95	5.49	368.81	-70.68	62.69	235.44	-202.06
1556	37	269	5.60	-0.50	-53.06	-1.26	-52.29	6.29	166.56	-204.50	28.18	-66.11	-179.44
		1938	4.52	-0.13	-54.75	-0.45	-54.43	4.16	82.09	-142.93	9.95	-70.79	-105.02
		1939	6.40	0.36	-48.85	0.07	-48.55	3.79	262.36	-35.62	11.45	215.28	-108.68
		271	7.08	-0.15	-49.56	-0.60	-49.12	4.65	315.93	-59.99	53.79	202.14	-172.70
1557	7	271	11.13	-1.29	-77.87	-1.72	-77.44	5.71	497.65	-95.01	73.94	328.70	-267.55
		1939	10.20	0.25	-77.12	5.06e-03	-76.87	4.38	413.24	-71.12	-0.15	342.28	-171.27
		1940	16.45	-0.18	-71.56	-0.33	-71.41	3.23	863.70	4.94	23.53	845.10	-124.98
		273	15.71	-0.77	-75.55	-0.91	-75.41	3.23	847.14	77.43	131.65	792.92	-196.97
1557	31	271	8.20	-0.98	-57.97	-1.28	-57.66	4.17	365.75	-69.65	54.37	241.72	-196.52
		1939	7.53	0.18	-57.37	-9.40e-03	-57.18	3.29	303.80	-52.22	-0.12	251.70	-125.83
		1940	12.13	-0.12	-53.31	-0.24	-53.20	2.43	634.96	3.64	17.29	621.32	-91.80
		273	11.59	-0.57	-56.31	-0.67	-56.21	2.32	622.77	56.99	96.77	582.99	-144.65
1557	37	271	7.11	-0.93	-52.03	-1.16	-51.79	3.47	313.31	-59.11	46.67	207.52	-167.95
		1939	6.56	0.13	-51.37	-0.05	-51.19	3.06	260.52	-44.58	-0.12	216.06	-107.64
		1940	10.51	-0.07	-47.98	-0.18	-47.88	2.26	544.54	3.16	14.78	532.92	-78.48

		273	10.05	-0.52	-50.75	-0.59	-50.69	1.81	534.02	49.10	82.94	500.18	-123.55
1558	7	273	15.49	-1.98	-83.92	-2.09	-83.81	-3.04	820.21	97.73	133.87	784.07	-157.49
		1940	17.56	6.72	-70.86	5.96	-70.11	7.64	866.82	-104.32	-83.84	846.35	-139.51
		1932	25.24	-9.52	-90.23	-11.03	-88.73	-10.91	1478.85	177.62	181.47	1475.01	70.65
		5	22.45	-14.03	-70.66	-14.17	-70.52	-2.80	1404.43	294.44	296.87	1402.00	-51.88
1558	31	273	11.43	-1.49	-62.66	-1.59	-62.56	-2.41	602.97	71.91	98.40	576.48	-115.62
		1940	12.95	5.03	-52.88	4.45	-52.30	5.76	637.29	-76.65	-61.63	622.26	-102.48
		1932	18.61	-7.12	-67.52	-8.26	-66.38	-8.21	1086.94	130.54	133.37	1084.11	51.97
		5	16.54	-10.48	-52.74	-10.58	-52.63	-2.12	1032.39	216.43	218.22	1030.61	-38.10
1558	37	273	9.93	-1.40	-56.82	-1.52	-56.70	-2.63	517.06	61.85	84.34	494.57	-98.65
		1940	11.24	4.60	-47.85	4.03	-47.29	5.40	546.63	-65.62	-52.82	533.82	-87.60
		1932	16.12	-6.50	-61.69	-7.58	-60.61	-7.64	931.29	111.81	114.25	928.85	44.67
		5	14.30	-9.51	-47.77	-9.62	-47.67	-2.03	885.04	185.52	187.04	883.52	-32.55
1559	8	6	424.54	-58.03	-508.84	-156.74	-410.12	-186.43	2629.05-2.536e+04	-331.89-2.240e+04	-8609.22		
		1934	182.38	222.09	-37.28	-3.53	188.34	87.27	1.016e+04	-2233.62	-2114.14	1.004e+04	1211.10
		1933	138.07	23.42	-154.46	-32.04	-99.01	-82.39	585.81	-8490.25	345.17	-8249.60	-1458.16
		260	125.27	117.00	-107.42	115.65	-106.07	17.35	5377.23	-4108.48	-733.08	2001.83	4541.45
1559	32	6	312.04	-42.18	-373.72	-114.65	-301.25	-137.02	1932.46-1.864e+04	-244.18-1.647e+04	-6328.25		
		1934	133.98	162.99	-26.69	-1.73	138.03	64.11	7468.12	-1641.23	-1553.31	7380.21	890.59
		1933	101.48	16.53	-113.69	-24.04	-73.11	-60.31	430.30	-6240.63	253.31	-6063.64	-1072.10
		260	92.08	85.78	-78.86	84.82	-77.90	12.57	3952.09	-3019.71	-538.54	1470.92	3337.96
1559	37	6	267.40	-34.58	-319.36	-96.42	-257.52	-117.42	1656.05-1.597e+04	-210.20-1.411e+04	-5424.05		
		1934	114.59	138.85	-20.41	1.47	116.98	54.81	6395.56	-1405.04	-1329.34	6319.86	764.69
		1933	86.95	11.87	-98.00	-22.30	-63.82	-50.86	367.95	-5348.33	215.90	-5196.28	-919.80
		260	78.93	72.84	-67.26	72.10	-66.52	10.16	3385.91	-2587.45	-460.57	1259.02	2860.25
1560	7	1942	75.21	111.91	26.30	59.87	78.34	41.80	4941.50	520.53	1264.51	4197.53	1653.96
		66	46.85	51.81	-50.22	48.03	-46.44	-19.26	-433.90	-3095.45	-433.97	-3095.37	13.81
		712	19.46	17.72	-27.87	-24.95	14.80	11.16	1237.93	87.21	110.88	1214.26	163.35
		1943	21.44	38.19	-30.91	-26.56	33.83	-16.80	-123.50	-1438.70	-617.54	-944.67	-636.93
1560	31	1942	56.78	81.68	19.19	43.80	57.06	30.54	3739.96	396.41	953.98	3182.39	1246.34
		66	35.55	38.79	-36.62	35.93	-33.76	-14.40	-336.41	-2357.82	-336.61	-2357.63	19.89
		712	14.67	12.86	-21.05	-19.00	10.81	8.07	936.27	69.39	86.09	919.57	119.15
		1943	16.19	28.38	-22.61	-19.37	25.13	-12.45	-97.51	-1090.15	-467.10	-720.55	-479.87
1560	37	1942	53.47	68.17	15.97	36.90	47.25	25.58	3552.32	383.95	896.52	3039.75	1166.74
		66	34.04	35.52	-30.45	32.80	-27.73	-13.12	-344.00	-2286.90	-345.20	-2285.69	48.35
		712	13.74	10.52	-19.86	-18.40	9.05	6.51	887.48	76.26	88.57	875.17	99.21
		1943	15.27	25.31	-19.04	-16.12	22.39	-11.00	-105.04	-1039.51	-442.78	-701.78	-448.93
1561	8	1943	5.49	49.73	9.08	9.11	49.70	-1.05	256.10	160.09	160.21	255.97	-3.45
		712	6.98	14.73	-66.25	-32.87	-18.66	39.86	17.76	-295.90	-234.61	-43.53	-124.37
		715	2.91	34.49	-20.37	29.63	-15.50	15.59	65.51	14.05	34.28	45.28	-25.13
		1946	1.85	0.57	-11.50	-7.38	-3.54	5.72	23.55	-93.83	-75.55	5.27	-42.56
1561	32	1943	4.07	36.60	6.66	6.68	36.57	-0.83	191.08	121.61	121.81	190.89	-3.66
		712	5.22	10.74	-49.00	-24.32	-13.94	29.42	10.23	-225.94	-179.73	-35.97	-93.68
		715	2.15	25.47	-15.12	21.89	-11.55	11.51	48.92	10.20	26.32	32.80	-19.08
		1946	1.38	0.36	-8.48	-5.42	-2.69	4.20	16.11	-71.30	-57.65	2.45	-31.73
1561	37	1943	3.56	30.89	5.71	5.74	30.86	-0.85	171.58	117.25	118.33	170.49	-7.59
		712	4.76	8.73	-42.69	-21.06	-12.89	25.38	-2.75	-223.27	-179.76	-46.25	-87.75
		715	1.85	21.96	-13.61	18.92	-10.57	9.94	44.46	7.46	26.48	25.44	-18.49
		1946	1.24	-0.17	-7.43	-4.65	-2.94	3.53	8.57	-69.23	-56.81	-3.85	-28.49
1562	8	1946	1.19	2.17	-4.39	2.11	-4.33	-0.60	60.66	-22.89	17.58	20.20	-41.75
		715	4.21	14.82	-34.52	1.21	-20.91	22.05	66.02	-94.39	-62.26	33.90	-64.19
		717	2.38	8.26	-29.18	6.08	-27.01	8.76	33.04	-50.39	-9.69	-7.66	-41.71
		1402	1.41	-2.47	-27.07	-2.47	-27.06	-0.25	16.60	-25.78	-6.74	-2.44	-21.08
1562	32	1946	0.90	1.59	-3.41	1.55	-3.36	-0.48	45.10	-18.04	13.42	13.64	-31.57
		715	3.14	10.89	-25.62	0.89	-15.62	16.28	48.60	-71.87	-47.56	24.29	-48.35
		717	1.76	6.09	-21.66	4.50	-20.06	6.46	24.27	-38.01	-7.33	-6.40	-31.13
		1402	1.06	-1.81	-20.11	-1.82	-20.11	-0.22	11.93	-19.58	-5.19	-2.46	-15.70
1562	37	1946	0.88	1.36	-3.86	1.31	-3.80	-0.53	40.01	-20.32	13.25	6.44	-29.97
		715	2.82	9.15	-22.79	0.75	-14.39	14.06	40.90	-70.32	-47.07	17.65	-45.23
		717	1.54	5.25	-19.37	3.92	-18.04	5.57	20.23	-35.85	-7.00	-8.62	-28.03
		1402	0.99	-1.53	-18.16	-1.54	-18.16	-0.31	8.92	-19.11	-5.28	-4.91	-14.01
1563	8	1402	1.72	0.14	-28.38	0.11	-28.35	-0.90	23.82	-28.42	2.44	-7.03	-25.69
		717	2.69	4.62	-33.13	1.68	-30.19	10.11	34.77	-57.01	-22.22	-0.02	-44.52
		719	2.13	2.45	-36.43	1.71	-35.68	5.34	18.45	-51.15	-10.26	-22.44	-34.26
		1944	2.28	-0.41	-37.21	-0.45	-37.17	-1.13	9.17	-33.46	-0.12	-24.17	-17.60
1563	32	1402	1.29	0.10	-21.16	0.08	-21.14	-0.70	17.55	-21.68	1.86	-5.98	-19.22
		717	1.99	3.38	-24.65	1.23	-22.49	7.46	25.50	-43.02	-16.92	-0.60	-33.27
		719	1.59	1.81	-27.06	1.26	-26.51	3.95	13.51	-38.18	-7.75	-16.93	-25.43
		1944	1.70	-0.29	-27.64	-0.32	-27.61	-0.87	6.73	-25.08	-0.11	-18.24	-13.06
1563	37	1402	1.22	0.07	-19.34	0.04	-19.31	-0.73	14.90	-21.52	1.82	-8.45	-17.47
		717	1.77	2.82	-22.20	1.03	-20.42	6.44	21.08	-40.62	-16.53	-3.02	-30.10
		719	1.43	1.57	-24.23	1.11	-23.77	3.42	11.03	-34.50	-7.34	-16.12	-22.34
		1944	1.54	-0.22	-24.79	-0.25	-24.75	-0.88	5.56	-23.13	-0.15	-17.41	-11.46
1564	7	1944	2.43	-0.24	-39.85	-0.27	-39.81	-1.13	9.91	-34.32	0.76	-25.17	-17.92
		719	2.23	1.35	-39.45	0.60	-38.71	5.45	17.33	-50.89	-11.76	-21.80	-33.74
		721	2.68	0.86	-43.11	0.49	-42.74	4.00	7.25	-53.36	-8.02	-38.09	-26.32
		1401	2.85	0.16	-43.96	0.12	-43.92	-1.22	4.38	-44.75	0.30	-40.68	-13.55

1564	31	1944	1.81	-0.18	-29.63	-0.21	-29.61	-0.87	7.34	-25.72	0.57	-18.95	-13.34
		719	1.66	0.98	-29.34	0.44	-28.80	4.03	12.75	-38.03	-8.89	-16.39	-25.11
		721	1.99	0.64	-32.03	0.37	-31.76	2.97	5.34	-39.58	-6.01	-28.24	-19.52
		1401	2.12	0.13	-32.64	0.10	-32.61	-0.94	3.25	-33.19	0.23	-30.18	-10.05
1564	37	1944	1.63	-0.17	-26.50	-0.20	-26.47	-0.88	6.47	-23.63	0.54	-17.69	-11.98
		719	1.49	0.82	-26.28	0.34	-25.80	3.55	10.97	-34.62	-8.41	-15.24	-22.53
		721	1.77	0.58	-28.58	0.33	-28.33	2.66	4.59	-35.09	-5.52	-24.98	-17.29
		1401	1.88	0.15	-29.04	0.12	-29.01	-0.93	2.87	-29.43	0.20	-26.76	-8.89
1565	8	1401	2.95	-0.20	-45.96	-0.23	-45.93	-1.22	4.87	-45.25	0.50	-40.88	-14.15
		721	2.78	0.25	-45.35	-0.12	-44.98	4.09	7.83	-54.35	-8.28	-38.24	-27.24
		723	3.22	0.18	-49.27	-0.24	-48.85	4.54	-0.45	-63.12	-7.95	-55.62	-20.33
		1945	3.38	0.31	-49.41	0.28	-49.38	-1.17	1.95	-60.54	0.17	-58.76	-10.39
1565	32	1401	2.19	-0.15	-34.23	-0.18	-34.20	-0.94	3.60	-33.52	0.37	-30.30	-10.46
		721	2.07	0.17	-33.79	-0.10	-33.52	3.04	5.72	-40.24	-6.20	-28.32	-20.14
		723	2.39	0.14	-36.68	-0.17	-36.37	3.38	-0.34	-46.45	-5.88	-40.90	-15.00
		1945	2.51	0.24	-36.75	0.22	-36.73	-0.90	1.44	-44.54	0.13	-43.23	-7.66
1565	37	1401	1.97	-0.15	-30.91	-0.18	-30.88	-0.94	3.07	-29.37	0.33	-26.64	-9.01
		721	1.86	0.10	-30.55	-0.13	-30.31	2.68	4.58	-35.09	-5.68	-24.83	-17.37
		723	2.12	0.13	-33.03	-0.15	-32.76	3.02	-0.35	-39.40	-5.12	-34.63	-12.79
		1945	2.22	0.25	-33.02	0.22	-32.99	-0.90	1.23	-37.77	0.12	-36.65	-6.51
1566	8	1945	3.49	0.24	-51.63	0.20	-51.59	-1.43	2.85	-60.30	0.93	-58.38	-10.84
		723	3.33	-0.67	-51.94	-1.10	-51.51	4.70	-0.62	-62.99	-8.09	-55.52	-20.25
		725	3.83	-0.64	-56.85	-1.57	-55.93	7.15	-8.62	-77.88	-10.81	-75.69	-12.12
		1403	4.10	-0.17	-58.04	-0.17	-58.03	-0.39	-0.65	-80.87	-1.01	-80.51	-5.32
1566	32	1945	2.59	0.17	-38.47	0.14	-38.44	-1.10	2.10	-44.36	0.69	-42.95	-7.99
		723	2.47	-0.50	-38.74	-0.83	-38.41	3.51	-0.46	-46.36	-5.99	-40.83	-14.94
		725	2.84	-0.48	-42.38	-1.17	-41.69	5.33	-6.31	-57.08	-7.94	-55.46	-8.94
		1403	3.04	-0.11	-43.21	-0.11	-43.21	-0.32	-0.47	-59.27	-0.74	-59.01	-3.93
1566	37	1945	2.31	0.13	-34.77	0.10	-34.74	-1.08	1.79	-37.62	0.58	-36.41	-6.79
		723	2.20	-0.48	-35.08	-0.77	-34.79	3.14	-0.46	-39.34	-5.22	-34.57	-12.75
		725	2.51	-0.43	-38.29	-1.04	-37.68	4.79	-5.24	-47.53	-6.66	-46.11	-7.62
		1403	2.68	-0.06	-38.88	-0.07	-38.88	-0.37	-0.38	-49.34	-0.61	-49.12	-3.34
1567	8	1403	4.30	6.17	-57.24	5.70	-56.77	-5.41	7.25	-80.87	6.51	-80.12	-8.06
		725	4.17	-1.97	-65.41	-4.28	-63.09	11.88	-10.13	-76.70	-11.68	-75.15	-10.03
		65	3.83	-9.94	-53.18	-11.87	-51.25	8.93	-21.94	-105.37	-22.04	-105.27	-2.93
		1941	5.82	-9.16	-89.63	-11.47	-87.32	13.43	-13.12	-110.17	-13.75	-109.54	7.78
1567	32	1403	3.19	4.60	-42.69	4.24	-42.33	-4.08	5.31	-59.26	4.76	-58.71	-5.93
		725	3.10	-1.46	-48.82	-3.19	-47.09	8.89	-7.42	-56.22	-8.58	-55.07	-7.42
		65	2.84	-7.44	-39.68	-8.86	-38.26	6.61	-16.05	-77.09	-16.12	-77.01	-2.16
		1941	4.32	-6.83	-66.79	-8.56	-65.07	10.03	-9.61	-80.68	-10.07	-80.22	5.68
1567	37	1403	2.82	4.15	-38.65	3.80	-38.30	-3.83	4.41	-49.30	3.94	-48.83	-5.00
		725	2.76	-1.32	-44.31	-2.89	-42.74	8.08	-6.17	-46.81	-7.19	-45.79	-6.37
		65	2.49	-6.81	-35.97	-8.02	-34.76	5.81	-13.22	-63.52	-13.29	-63.46	-1.85
		1941	3.81	-6.17	-60.21	-7.74	-58.64	9.08	-7.96	-66.73	-8.33	-66.36	4.65

Elem.	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2
2.117e+04	747.47	1295.30	-3147.26	-806.80	-3142.70	-740.87	5.198e+04	-2.767e+04	-9804.53	2.503e+04	-

VERIFICHE ELEMENTI TRAVE E/O PILASTRO IN C.A.

LEGENDA TABELLA VERIFICHE ELEMENTI TRAVE E/O PILASTRO IN C.A.

In tabella vengono riportati per ogni elemento il numero identificativo ed il codice di verifica con le sigle **Ok** o **NV**.

Nel caso in cui si sia proceduto alla progettazione con il metodo degli stati limite (**S.L.**) vengono riportati: il rapporto x/d , le verifiche per sollecitazioni proporzionali e la verifica per compressione media con l'indicazione delle combinazioni in cui si sono attinti i rispettivi valori.

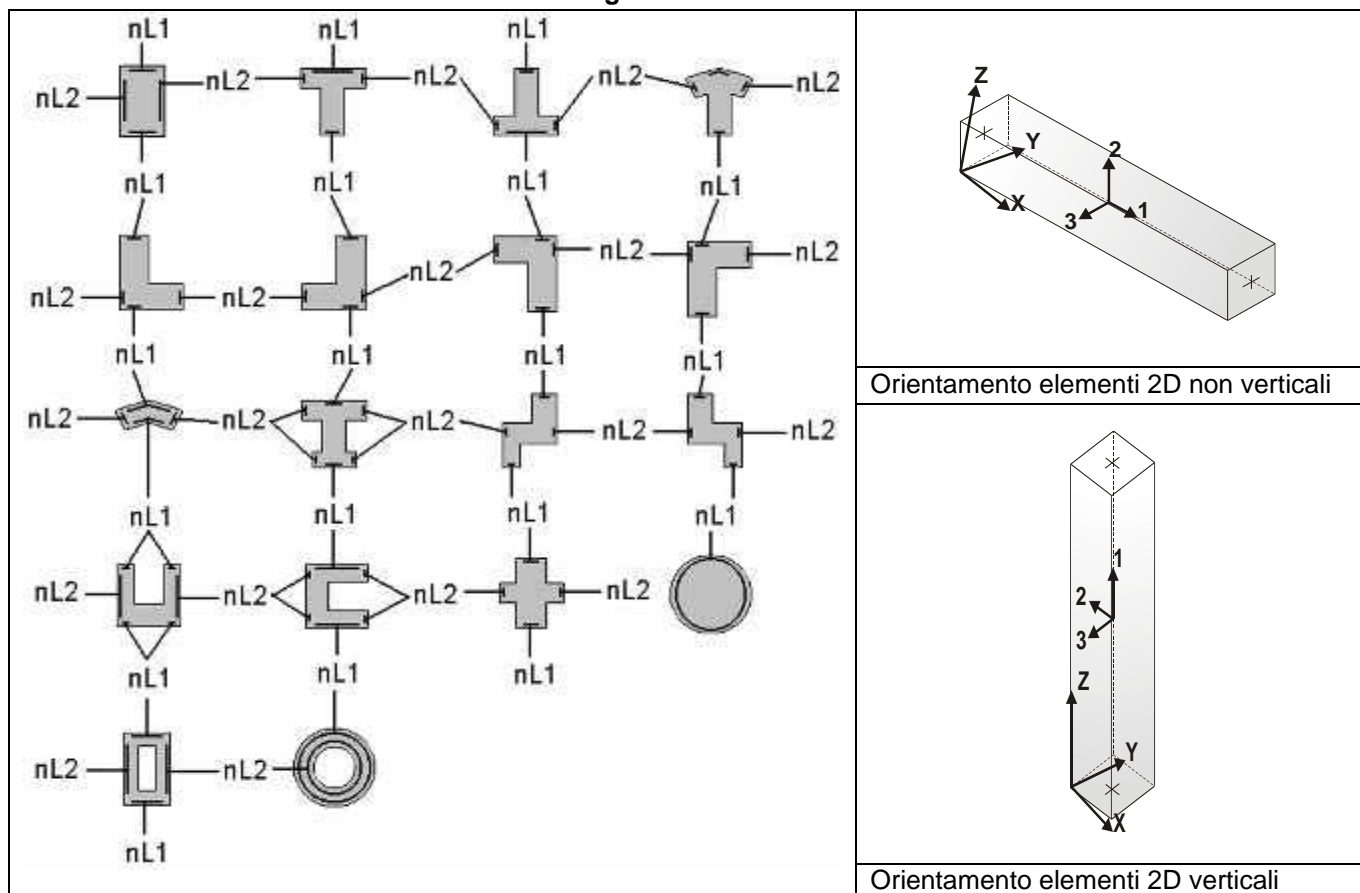
Nel caso in cui si sia proceduto alla progettazione con le tensioni ammissibili (**T.A.**) vengono riportate le massime tensioni nell'elemento (massima compressione nel calcestruzzo, massima compressione media nel calcestruzzo, massima tensione nell'acciaio, massima tensione tangenziale) con l'indicazione delle combinazioni in cui si sono attinti i rispettivi valori.

Nel caso in cui la struttura abbia comportamento dissipativo e sia prevista la progettazione con il criterio della gerarchia delle resistenze (**G.R.**) vengono riportate le verifiche di sovrarresistenza e del nodo.

Per gli elementi tipo pilastro sono riportati numero e diametro dei ferri di vertice, numero e diametro di ferri disposti lungo i lati L1 (paralleli alla base della sezione) e lungo i lati L2 (paralleli all'altezza della sezione).

Per gli elementi tipo trave sono riportati infine le quantità di armatura inferiore e superiore.

Schema della distribuzione delle armature longitudinali



PROGETTAZIONE DELLE FONDAZIONI

Il D.M.17/01/2018 - par: 7.2.5 prevede:

“Sia per CD“A” sia per CD“B” il dimensionamento delle strutture di fondazione e la verifica di sicurezza del complesso fondazione-terreno devono essere eseguiti assumendo come azione in fondazione, trasmessa dagli elementi soprastanti, una tra le seguenti:

- quella derivante dall’analisi strutturale eseguita ipotizzando comportamento strutturale non dissipativo;
- [...];
- quella trasferita dagli elementi soprastanti nell’ipotesi di comportamento strutturale dissipativo, amplificata di un coefficiente pari a 1,30 in CD“A” e 1,10 in CD“B”;

Nel contesto visualizzazione risultati e nella stampa della relazione sulle fondazioni PRO_SAP mostra le sollecitazioni che derivano dall’analisi non incrementate sia in termini di pressioni sul terreno che in termini di sollecitazioni.

La progettazione degli elementi strutturali con proprietà fondazione è effettuata da PRO_SAP (per travi e platee) o da PRO_CAD Plinti (per plinti e pali di fondazione) incrementando la componente sismica delle combinazioni di un coefficiente pari 1.1 in CDB e 1.3 in CDA per pali, plinti, travi e platee.

Per i bicchieri dei plinti di fondazione prefabbricati l’incremento delle sollecitazioni ha un fattore pari a 1.2 in CDB e 1.35 in CDA.

N.B.: nel caso di comportamento strutturale non dissipativo la progettazione viene effettuata senza nessun incremento.

Le verifiche geotecniche di pali, plinti, plinti su pali, travi e platee vengono eseguita dal modulo geotecnico incrementando automaticamente le componenti sismiche delle sollecitazioni del fattore 1.1 in CDB e 1.3 in CDA

N.B.: nel caso di comportamento strutturale non dissipativo le verifiche geotecniche vengono effettuate senza nessun incremento.

Simbologia adottata nelle tabelle di verifica

Per le verifiche agli S.L. dei pilastri è presente una tabella con i simboli di seguito descritti:

M_P X Y	Numero della pilastrata (P) e posizione in pianta (X,Y)
Pilas.	numero identificativo dell'elemento D2
Note	Codici identificativi delle sezione (s) e materiale (m) pilastro
Stato	Codici relativi all'esito delle verifiche effettuate appresso descritte
Quota	Quota sezione di verifica
%Af	Percentuale di area di armatura rispetto a quella di calcestruzzo
r. snell.	Rapporto di snellezza λ su λ^* : valore superiore a 1 per elementi snelli nel caso in cui viene effettuata la verifica con il metodo diretto dello stato di equilibrio
Armat. long.	Numero e diametro (d) dei ferri di armatura longitudinale distinti in ferri di vertice + ferri di lato nelle posizioni nL1 e nL2, come da schemi in figura precedente
V N/M	Verifica a pressoflessione con rapporto E_d/R_d : valore minore o uguale a 1 per verifica positiva
V N sis	Verifica a compressione solo calcestruzzo con rapporto N_{sd}/N_{rd} ed N_{rd} calcolato come al punto 7.4.4.2.1: valore minore o uguale a 1 per verifica positiva
Staffe	Dati tratto di staffatura oggetto di verifica, nello specifico: numero delle braccia, diametro, passo, lunghezza L tratto
V V/T cls	Verifica a taglio/torsione con rapporto V_{ed}/V_{rd} : valore minore o uguale a 1 per verifica positiva
Rif. cmb.	Riferimento combinazioni da cui si generano le verifiche più gravose per il pilastro

Per le verifiche di gerarchia delle resistenze dei pilastri è presente una tabella con i simboli di seguito descritti:

Pilas.	numero identificativo dell'elemento D2 pilastro
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sovr. Xi (Xf)	Verifica sovrarresistenza come da formula 7.4.4 in direzione X, alla base (i) ed alla sommità (f): rapporto tra i momenti resistenti dei pilastri e delle travi. La verifica è positiva se maggiore del γ_{Rd} adottato
sovr. Yi (Yf)	Verifica sovrarresistenza come da formula 7.4.4 in direzione Y, alla base (i) ed alla sommità (f): rapporto tra i momenti resistenti dei pilastri e delle travi. La verifica è positiva se maggiore del γ_{Rd} adottato
M 2-2 i (f)	Valore del momento resistente 2-2 alla base (i) ed alla sommità (f) con massimo momento in presenza dello sforzo normale di calcolo
M 3-3 i (f)	Valore del momento resistente 3-3 alla base (i) ed alla sommità (f) con massimo momento in presenza dello sforzo normale di calcolo
Luce per V	Luce di calcolo per la definizione del taglio (generato dai momenti resistenti)
V M2-2 (M3-3)	Valore del taglio generato dai momenti resistenti 2-2 (3-3)

Per le verifiche dei dettagli costruttivi relativi alla duttilità è presente una tabella con i simboli di seguito descritti:
(Non presente nel caso di comportamento strutturale non dissipativo)

Pilas	Numero identificativo D2 pilastro
ni	Sforzo assiale adimensionalizzato di progetto relativo alla combinazione sismica SLV
alfaomega	Prodotto tra il coefficiente di efficacia del confinamento e il rapporto meccanico dell'armatura trasversale di confinamento all'interno del nodo
V.7.4.29 2-2 (3-3)	Rapporto tra la domanda di staffe minima nel nodo e il rapporto meccanico dell'armatura trasversale di confinamento inserito all'interno del nodo in direzione 2 (3)
V. 7.4.29 Stato	Codici relativi all'esito della verifica 7.4.29
d _{mu} _fi 2-2 (3-3)	Domanda in duttilità di curvatura in direzione 2 (3)
c _{mu} _fi 2-2 (3-3)	Capacità in duttilità di curvatura in direzione 2 (3)
V. dutt. 2-2 (3-3)	Rapporto tra la domanda in duttilità di curvatura e la capacità in duttilità di curvatura in direzione 2 (3)

Per le verifiche dei nodi trave-pilastro di elementi nuovi è presente una tabella con i simboli di seguito descritti:

Nodo	Numero identificativo del nodo trave-pilastro
Stato	Esito delle verifiche
Pilastro	Numero identificativo D2 pilastro
Diam st	Diametro staffe nodo
Passo	Passo staffe nodo
n. br. 2 (3)	Numero braccia staffe per il taglio in direzione 2 (3)
B _{j2} (3)	Larghezza effettiva del nodo per il taglio in direzione 2 (3)
H _{jc2} (3)	Distanza tra le giaciture più esterne delle armature del pilastro per il taglio in direzione 2 (3)
V. 7.4.8	Rapporto tra il taglio V _{jbd} e il taglio resistente come da formula 7.4.8
V. Ash	Rapporto tra il passo staffe calcolato secondo il capitolo 7.4.4.3.1. e il passo staffe effettivamente inserita nel nodo. Nel caso di valore indica passo staffe utilizzato deriva dalle formule presenti nel paragrafo 7.4.4.3.1. Nel caso di valore minore di 1 il passo staffe utilizzato deriva del pilastro superiore o inferiore al nodo
7.4.10	Check passo staffe valutato in funzione della formula 7.4.10: <ul style="list-style-type: none"> • SI il passo staffe è calcolato utilizzando la formula 7.4.10; • NO il passo staffe è calcolato utilizzando le formule 7.4.11 e/o 7.4.12; • NR calcolo passo staffe non richiesto;
Rif. comb.	Riferimento combinazioni da cui si generano le verifiche più gravose per il nodo

Per le verifiche dei nodi trave-pilastro di elementi esistenti è presente una tabella con i simboli di seguito descritti:

Pilastro I	Numero identificativo D2 del pilastro inferiore.
Pilastro S	Numero identificativo D2 del pilastro superiore.
Nodo	Numero identificativo del nodo trave-pilastro.
SL cod	Stato limite di riferimento e relativo esito delle verifiche.
ver. (+)	Coefficiente di sicurezza, calcolato come rapporto D/C, nei riguardi della verifica di resistenza a trazione
V +	Azione di Taglio presente al di sopra del nodo nella verifica di resistenza a trazione
V + af s	Sollecitazione di trazione presente nell' armatura longitudinale superiore della trave nella verifica di resistenza a trazione
N +	Azione Assiale presente al di sopra del nodo nella verifica di resistenza a trazione
ver. (-)	Coefficiente di sicurezza, calcolato come rapporto D/C, nei riguardi della verifica di resistenza a compressione
V -	Azione di Taglio presente al di sopra del nodo nella verifica di resistenza a compressione
V - af s	Sollecitazione di trazione presente nell' armatura longitudinale superiore della trave nella verifica di resistenza a compressione
N -	Azione Assiale presente al di sopra del nodo nella verifica di resistenza a compressione
AreaV2	Area resistente del nodo in direzione 2 ($A_{j2}=b_{j2}*h_{jc2}$).
AreaV3	Area resistente del nodo in direzione 3 ($A_{j3}=b_{j3}*h_{jc3}$).
Rif. comb.	Combinazione (direzione) di riferimento nella verifica di trazione.

Per le verifiche agli S.L. delle travi è presente una tabella con i simboli di seguito descritti:

M_T Z P P	Numero della travata (T), quota media (Z), n° pilastrata iniziale (P) e finale (P) (nodo in assenza di pilastrata)
Trave	numero identificativo dell'elemento D2
Note	Codici identificativi sezione (s) e materiale (m) trave; sono inoltre presenti le sigle relative all'esito delle verifiche effettuate appresso descritte
%Af	Percentuale di area di armatura rispetto a quella di calcestruzzo
Af inf.	Area di armatura longitudinale posta all'intradosso
Af sup	Area di armatura longitudinale posta all'estradosso
Af long.	Area complessiva armatura longitudinale
x/d	rapporto tra posizione dell'asse neutro e altezza utile
V N/M	Verifica a pressoflessione rapporto E_d/R_d : valore minore o uguale a 1 per verifica positiva
Staffe	Dati tratto di staffatura oggetto di verifica, nello specifico: numero delle braccia, diametro, passo, lunghezza L tratto
V V/T cls	Verifica a taglio/torsione con rapporto V_{ed}/V_{rd} : valore minore o uguale a 1 per verifica positiva
Rif. cmb.	Riferimento combinazioni da cui si generano le verifiche più gravose per la trave

Per le verifiche di gerarchia delle resistenze delle travi è presente una tabella con i simboli di seguito descritti:

Trave	numero identificativo dell'elemento D2 trave
M negativo i (f)	Valore del momento resistente negativo all' estremità iniziale i (finale f) della trave
M positivo i (f)	Valore del momento resistente positivo all' estremità iniziale i (finale f) della trave
Luce per V	Luce di calcolo per la definizione del taglio (generato dai momenti resistenti)
V M-i M+f	Taglio generato dai momenti resistenti negativo i e positivo f
V M+i M-f	Taglio generato dai momenti resistenti positivo i e negativo f
V _{Ed} , min	Valore di taglio minimo per verifica condizioni p.to 7.4.4.1.1 armatura diagonale (solo per CD "A")
V _{Ed} , max	Valore di taglio massimo per verifica condizioni p.to 7.4.4.1.1 armatura diagonale (solo per CD "A")
V _{r1}	Valore di taglio come da formula 7.4.1 per armatura diagonale (solo per CD "A")
As	Area singolo ordine armature diagonali come da formula 7.4.2 (solo per CD "A")

Per le verifiche a taglio ciclico di travi e pilastri esistenti è presente una tabella con i simboli di seguito descritti:

Trave/Pilastro	Numero identificativo dell'elemento D2 trave/pilastro
V. SLV	Codice relativo all'esito delle verifiche
Nodo	Numero identificativo del nodo di verifica
Ver. VC	Fattore di sicurezza nei confronti della verifica a taglio ciclico (verificato se < 1.00)
Direz.	Direzione di verifica
N fr	Valore di sforzo normale calcolato con fattore di comportamento fragile
V fr	Valore di taglio calcolato con fattore di comportamento fragile
M fr	Valore di momento calcolato con fattore di comportamento fragile
N dutt	Valore di sforzo normale calcolato con fattore di comportamento duttile
LV	Lunghezza di taglio
Mud,pl	Parte plastica della domanda di duttilità
V cic	Resistenza a taglio in condizioni cicliche (C8.7.2.8)
Cmb	Riferimento combinazioni da cui si generano le verifiche più gravose

< TABELLA VERIFICHE ELEMENTI - MATERIALI ESISTENTI >

< TABELLA VERIFICHE POST-OPERAM >

Elementi post rinforzo tipo: C8A.7.3 PLACCATURA E FASCIATURA IN MATERIALI COMPOSITI

Elementi post rinforzo tipo: C8A.7.2 INCAMICIATURA IN ACCIAIO e assimilabili

Elementi post rinforzo tipo: C8A.7.1 INCAMICIATURA IN C.A.

Elementi non rinforzati

Pilast.	Note	Stato	Quota cm	%Af	M_P= 1 r. snell.	Armat. long.	V N/M	V N sis	Staffe L=cm	V V/T cls	V V/T acc	Rif. cmb
30s=1,m=159	ok,ok		0.0	0.99	0.37	4d14 0+0 d14	0.15	0.02+2d8/15 L=320	0.05	0.04		8,0,22,8
			160.0	0.99	0.37	4d14 0+0 d14	0.08	0.02+2d8/15 L=320	0.05	0.04		8,0,22,8
			320.0	0.99	0.37	4d14 0+0 d14	0.28	0.02+2d8/15 L=320	0.05	0.04		8,0,22,8
[b=1.0;1.0]												
Pilast.	Note	Stato	Quota	%Af	M_P= 2 r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
31s=1,m=159	ok,ok		0.0	0.99	0.46	4d14 0+0 d14	0.19	0.02+2d8/15 L=300	0.08	0.06		8,0,8,8
			150.0	0.99	0.46	4d14 0+0 d14	0.10	0.02+2d8/15 L=300	0.08	0.06		8,0,8,8
			300.0	0.99	0.46	4d14 0+0 d14	0.38	0.02+2d8/15 L=300	0.08	0.06		8,0,8,8
[b=1.0;1.0]												
Pilast.	Note	Stato	Quota	%Af	M_P= 3 r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
27s=5,m=159	ok,ok		0.0	1.88	0.62	0d0 6+0 d14	0.20	0.02+2d8/15 L=280	0.13	0.09		8,0,22,8
			140.0	1.88	0.62	0d0 6+0 d14	0.11	0.02+2d8/15 L=280	0.13	0.09		8,0,22,8
			280.0	1.88	0.62	0d0 6+0 d14	0.37	0.02+2d8/15 L=280	0.13	0.09		8,0,22,8
[b=1.0;1.0]												
Pilast.	Note	Stato	Quota	%Af	M_P= 4 r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
26s=5,m=159	ok,ok		0.0	1.88	0.76	0d0 6+0 d14	0.15	0.02+2d8/15 L=300	0.09	0.06		8,0,8,8
			150.0	1.88	0.76	0d0 6+0 d14	0.10	0.02+2d8/15 L=300	0.09	0.06		8,0,8,8
			300.0	1.88	0.76	0d0 6+0 d14	0.29	0.02+2d8/15 L=300	0.09	0.06		8,0,8,8
[b=1.0;1.0]												
Pilast.	Note	Stato	Quota	%Af	M_P= 5 r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
29s=5,m=159	ok,ok		0.0	1.25	0.76	0d0 4+0 d14	0.12	0.02+2d6/13 L=320	0.01	9.87e-03		8,0,21,21
			160.0	1.25	0.76	0d0 4+0 d14	0.12	0.02+2d6/13 L=320	0.01	9.87e-03		8,0,21,21
			320.0	1.25	0.76	0d0 4+0 d14	0.11	0.02+2d6/13 L=320	0.01	9.87e-03		8,0,21,21
[b=1.0;1.0]												
Pilast.	Note	Stato	Quota	%Af	M_P= 6 r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
24s=5,m=159	ok,ok		0.0	2.51	0.65	0d0 8+0 d14	0.25	0.02+2d8/15 L=300	0.18	0.09		7,0,8,8
			150.0	2.51	0.65	0d0 8+0 d14	0.14	0.02+2d8/15 L=300	0.18	0.09		7,0,8,8
			300.0	2.51	0.65	0d0 8+0 d14	0.49	0.02+2d8/15 L=300	0.18	0.09		7,0,8,8
[b=1.0;1.0]												
Pilast.	Note	Stato	Quota	%Af	M_P= 7 r. snell.	Armat. long.	V N/M	V N sis	Staffe	V V/T cls	V V/T acc	Rif. cmb
25s=5,m=159	ok,ok		0.0	2.51	0.45	0d0 8+0 d14	0.10	0.02+2d8/15 L=300	0.10	0.06		21,0,22,22
			150.0	2.51	0.45	0d0 8+0 d14	0.05	0.02+2d8/15 L=300	0.10	0.06		21,0,22,22
			300.0	2.51	0.45	0d0 8+0 d14	0.20	0.02+2d8/15 L=300	0.10	0.06		21,0,22,22
[b=1.0;1.0]												

			s=6,m=159	339.2	0.50	9.2	9.2	0.0	0.15	1.07	0.04	0.05	2d8/15 L=655	8,7,7
				678.3	0.50	9.2	9.2	0.0	0.15	1.39	0.36	1.11	2d8/15 L=655	8,7,8
									M_T= 1	Z=320.0	P=8	P=10		
Trave	Note	Pos.		%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc		Staffe	Rif. cmb
67	NV,ok	0.0		0.71	7.7	10.7	0.0	0.16	0.19	0.28	0.47		2d8/15 L=532	7,7,8
	s=8,m=159	272.7		0.51	7.7	7.7	0.0	0.16	0.82	0.18	0.22		2d8/15 L=532	7,7,7
		545.4		0.71	7.7	10.7	0.0	0.18	1.30	0.44	0.88		2d8/15 L=532	7,7,7
61	NV,ok	0.0		0.71	7.7	10.7	0.0	0.18	0.45	0.34	0.73		2d8/15 L=536	8,7,7
	s=8,m=159	274.6		0.51	7.7	7.7	0.0	0.16	0.96	0.10	0.10		2d8/15 L=536	7,7,8
		549.2		0.71	7.7	10.7	0.0	0.18	1.01	0.40	0.88		2d8/15 L=536	8,7,8
									M_T= 21	Z=314.7	N=30	N=31		
Trave	Note	Pos.		%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc		Staffe	Rif. cmb
82	NV,ok	0.0		0.50	10.0	10.0	0.0	0.15	0.68	0.24	0.13		2d8/3 L=615	8,7,8
	s=7,m=159	307.3		0.50	10.0	10.0	0.0	0.15	0.69	0.07	0.01		2d8/3 L=615	7,7,7
		614.5		0.50	10.0	10.0	0.0	0.15	1.31	0.28	0.16		2d8/3 L=615	7,7,7
Trave				%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc			
				0.71	10.00	10.70	0.0	0.18	1.93	0.44	1.31			

Trave	M negativo	iM positivo	iM negativo	fM positivo	fLuce per V	V M-i	M+f	V M+i	M-f	VEd,min	VEd,max	Vr1	As
	daN cm	daN cm	daN cm	daN cm	cm	daN	daN	daN	daN	daN	daN	daN	cm2
32	1.024e+06	1.024e+06	1.024e+06	1.024e+06	668.46	2161.84	2161.84	0.0	0.0	0.0	0.0	0.0	0.0
33	1.024e+06	1.024e+06	1.024e+06	1.024e+06	631.64	2287.87	2287.87	0.0	0.0	0.0	0.0	0.0	0.0
34	1.024e+06	1.024e+06	1.024e+06	1.024e+06	654.97	2206.36	2206.36	0.0	0.0	0.0	0.0	0.0	0.0
61	1.138e+06	8.454e+05	1.138e+06	8.454e+05	535.58	2620.24	2620.24	0.0	0.0	0.0	0.0	0.0	0.0
67	1.138e+06	8.454e+05	1.138e+06	8.454e+05	531.56	2640.09	2640.09	0.0	0.0	0.0	0.0	0.0	0.0
82	1.100e+06	1.100e+06	1.100e+06	1.100e+06	614.51	2527.55	2527.55	0.0	0.0	0.0	0.0	0.0	0.0
Trave	M negativo	iM positivo	iM negativo	fM positivo	f	V M-i	M+f	V M+i	M-f	VEd,min	VEd,max	Vr1	As
	1.138e+06	1.100e+06	1.138e+06	1.100e+06		2640.09	2640.09	0.0	0.0	0.0	0.0	0.0	0.0

< TABELLA VERIFICHE POST-OPERAM >													
Elementi post rinforzo tipo: C8A.7.3 PLACCATURA E FASCIATURA IN MATERIALI COMPOSITI													
Elementi post rinforzo tipo: C8A.7.2 INCAMICIATURA IN ACCIAIO e assimilabili													
Elementi post rinforzo tipo: C8A.7.1 INCAMICIATURA IN C.A.													
Elementi non rinforzati													

								M_T= 1	Z=320.0	P=8	P=10			
Trave	Note	Pos.		%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc		Staffe	Rif. cmb
		cm											L=cm	
184	ok,ok	0.0		0.67	10.0	10.0	3.1	0.17	0.53	0.48	0.36		2d8/3 L=182	8,8,8
	s=8,m=159	90.9		0.67	10.0	10.0	3.1	0.17	0.07	0.44	0.29		2d8/3 L=182	8,8,8
		181.8		0.67	10.0	10.0	3.1	0.17	0.16	0.40	0.20		2d8/3 L=182	7,8,8
67	ok,ok	0.0		0.71	7.7	10.7	0.0	0.50	0.05	0.28	0.05		2d8/15 L=532	7,7,8
	s=8,m=159	272.7		0.51	7.7	7.7	0.0	0.56	0.21	0.18	0.22		2d8/15 L=532	7,7,7
		545.4		0.71	7.7	10.7	0.0	0.69	0.40	0.44	0.08		2d8/15 L=532	7,7,7
	98	ok,ok		0.0	0.51	7.7	7.7	0.0	0.15	0.63	0.29		0.532d6/15 L=32	
7,8,7														
	s=8,m=159	15.8		0.51	7.7	7.7	0.0	0.15	0.58	0.28	0.47		2d6/15 L=32	8,8,7
		31.7		0.51	7.7	7.7	0.0	0.15	0.53	0.27	0.42		2d6/15 L=32	8,8,7
61	ok,ok	0.0		0.71	7.7	10.7	0.0	0.69	0.14	0.34	0.07		2d8/15 L=536	8,7,7
	s=8,m=159	274.6		0.51	7.7	7.7	0.0	0.56	0.24	0.10	0.10		2d8/15 L=536	7,7,8
		549.2		0.71	7.7	10.7	0.0	0.69	0.30	0.40	0.08		2d8/15 L=536	8,7,8
53	ok,ok	0.0		0.51	7.7	7.7	0.0	0.15	0.73	0.28	0.73		2d6/15 L=9	8,8,8
	s=8,m=159	11.6		0.51	7.7	7.7	0.0	0.15	0.64	0.28	0.70		2d6/15 L=9	8,8,8
		23.2		0.51	7.7	7.7	0.0	0.15	0.56	0.27	0.67		2d6/15 L=9	8,8,8
100	ok,ok	0.0		0.51	7.7	7.7	0.0	0.15	0.55	0.21	0.56		2d6/15 L=23	8,8,8
	s=8,m=159	11.6		0.51	7.7	7.7	0.0	0.15	0.49	0.21	0.52		2d6/15 L=23	8,8,8
		23.2		0.51	7.7	7.7	0.0	0.15	0.43	0.20	0.48		2d6/15 L=23	8,8,8
69	ok,ok	0.0		0.51	7.7	7.7	0.0	0.15	0.42	0.16	0.45		2d6/15 L=23	8,8,8
	s=8,m=159	11.6		0.51	7.7	7.7	0.0	0.15	0.37	0.15	0.41		2d6/15 L=23	8,8,8
		23.2		0.51	7.7	7.7	0.0	0.15	0.33	0.15	0.37		2d6/15 L=23	8,8,8
72	ok,ok	0.0		0.51	7.7	7.7	0.0	0.15	0.33	0.15	0.39		2d6/15 L=23	8,22,8
	s=8,m=159	11.6		0.51	7.7	7.7	0.0	0.15	0.28	0.14	0.35		2d6/15 L=23	8,22,8
		23.2		0.51	7.7	7.7	0.0	0.15	0.24	0.13	0.31		2d6/15 L=23	8,22,8
87	ok,ok	0.0		0.51	7.7	7.7	0.0	0.15	0.24	0.15	0.34		2d6/15 L=23	8,22,8
	s=8,m=159	11.6		0.51	7.7	7.7	0.0	0.15	0.20	0.14	0.30		2d6/15 L=23	7,22,8
		23.2		0.51	7.7	7.7	0.0	0.15	0.17	0.13	0.26		2d6/15 L=23	7,22,8
19	ok,ok	0.0		0.51	7.7	7.7	0.0	0.15	0.17	0.15	0.29		2d6/15 L=23	7,22,8

	s=8,m=159	11.6	0.51	7.7	7.7	0.0	0.15	0.13	0.15	0.25	2d6/15 L=23	7,22,8
		23.2	0.51	7.7	7.7	0.0	0.15	0.11	0.14	0.21	2d6/15 L=23	7,22,8
90	ok,ok	0.0	0.51	7.7	7.7	0.0	0.15	0.10	0.16	0.24	2d6/15 L=23	7,22,8
	s=8,m=159	11.6	0.51	7.7	7.7	0.0	0.15	0.08	0.15	0.20	2d6/15 L=23	7,22,8
		23.2	0.51	7.7	7.7	0.0	0.15	0.05	0.14	0.16	2d6/15 L=23	7,22,8
89	ok,ok	0.0	0.51	7.7	7.7	0.0	0.15	0.05	0.15	0.19	2d6/15 L=23	7,22,8
	s=8,m=159	11.6	0.51	7.7	7.7	0.0	0.15	0.03	0.15	0.15	2d6/15 L=23	7,22,8
		23.2	0.51	7.7	7.7	0.0	0.15	0.02	0.14	0.11	2d6/15 L=23	23,22,8
93	ok,ok	0.0	0.51	7.7	7.7	0.0	0.15	0.02	0.15	0.13	2d6/15 L=23	23,22,8
	s=8,m=159	11.6	0.51	7.7	7.7	0.0	0.15	0.03	0.14	0.09	2d6/15 L=23	21,22,8
		23.2	0.51	7.7	7.7	0.0	0.15	0.04	0.13	0.05	2d6/15 L=23	21,22,8
99	ok,ok	0.0	0.51	7.7	7.7	0.0	0.15	0.04	0.14	0.07	2d6/15 L=23	21,8,7
	s=8,m=159	11.6	0.51	7.7	7.7	0.0	0.15	0.05	0.13	0.03	2d6/15 L=23	21,22,7
		23.2	0.51	7.7	7.7	0.0	0.15	0.05	0.13	0.01	2d6/15 L=23	21,22,21
1	ok,ok	0.0	0.51	7.7	7.7	0.0	0.15	0.06	0.13	5.52e-03	2d6/15 L=23	21,8,7
	s=8,m=159	11.6	0.51	7.7	7.7	0.0	0.15	0.06	0.14	0.04	2d6/15 L=23	21,8,21
		23.2	0.51	7.7	7.7	0.0	0.15	0.05	0.15	0.07	2d6/15 L=23	21,8,8
2	ok,ok	0.0	0.51	7.7	7.7	0.0	0.15	0.06	0.14	0.07	2d6/15 L=23	21,8,22
	s=8,m=159	11.6	0.51	7.7	7.7	0.0	0.15	0.05	0.15	0.10	2d6/15 L=23	21,8,8
		23.2	0.51	7.7	7.7	0.0	0.15	0.04	0.16	0.14	2d6/15 L=23	21,8,8
4	ok,ok	0.0	0.51	7.7	7.7	0.0	0.15	0.04	0.16	0.14	2d6/15 L=23	21,8,8
	s=8,m=159	11.6	0.51	7.7	7.7	0.0	0.15	0.03	0.17	0.18	2d6/15 L=23	21,8,8
		23.2	0.51	7.7	7.7	0.0	0.15	0.01	0.18	0.22	2d6/15 L=23	23,8,8
38	ok,ok	0.0	0.51	7.7	7.7	0.0	0.15	0.01	0.17	0.23	2d6/15 L=23	23,8,8
	s=8,m=159	11.6	0.51	7.7	7.7	0.0	0.15	0.04	0.18	0.27	2d6/15 L=23	7,8,8
		23.2	0.51	7.7	7.7	0.0	0.15	0.07	0.19	0.31	2d6/15 L=23	7,8,8
18	ok,ok	0.0	0.51	7.7	7.7	0.0	0.15	0.07	0.18	0.36	2d6/15 L=23	7,8,8
	s=8,m=159	11.6	0.51	7.7	7.7	0.0	0.15	0.11	0.19	0.40	2d6/15 L=23	7,8,8
		23.2	0.51	7.7	7.7	0.0	0.15	0.16	0.20	0.44	2d6/15 L=23	7,8,8
56	ok,ok	0.0	0.51	7.7	7.7	0.0	0.15	0.16	0.19	0.53	2d6/15 L=11	7,8,8
	s=8,m=159	11.6	0.51	7.7	7.7	0.0	0.15	0.22	0.20	0.57	2d6/15 L=11	7,8,8
		23.2	0.51	7.7	7.7	0.0	0.15	0.29	0.20	0.61	2d6/15 L=11	8,8,8
52	ok,ok	0.0	0.71	7.7	10.7	0.0	0.17	0.23	0.15	0.64	2d6/15 L=392	8,7,7
	s=8,m=159	207.2	0.51	7.7	7.7	0.0	0.15	0.29	0.02	0.03	2d6/15 L=392	7,7,8
		414.5	0.71	7.7	10.7	0.0	0.17	0.31	0.14	0.61	2d6/15 L=392	8,7,8
M_T=2 Z=320.0 P=1 P=10												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T	cls	V V/T	acc
57	ok,ok	0.0	0.51	7.7	7.7	0.0	0.15	0.01	0.12	0.24	2d6/15 L=28	7,22,8
	s=8,m=159	20.4	0.51	7.7	7.7	0.0	0.15	0.03	0.12	0.21	2d6/15 L=28	7,22,8
		40.8	0.51	7.7	7.7	0.0	0.15	0.07	0.11	0.15	2d6/15 L=28	8,22,8
15	ok,ok	0.0	0.51	7.7	7.7	0.0	0.15	0.07	0.08	0.17	2d6/15 L=41	8,22,8
	s=8,m=159	20.4	0.51	7.7	7.7	0.0	0.15	0.10	0.07	0.11	2d6/15 L=41	8,22,8
		40.8	0.51	7.7	7.7	0.0	0.15	0.12	0.06	0.04	2d6/15 L=41	8,21,8
54	ok,ok	0.0	0.51	7.7	7.7	0.0	0.15	0.12	0.08	0.09	2d6/15 L=41	8,22,7
	s=8,m=159	20.4	0.51	7.7	7.7	0.0	0.15	0.13	0.06	0.02	2d6/15 L=41	8,21,7
		40.8	0.51	7.7	7.7	0.0	0.15	0.13	0.07	0.04	2d6/15 L=41	8,21,8
101	ok,ok	0.0	0.51	7.7	7.7	0.0	0.15	0.13	0.08	6.57e-03	2d6/15 L=41	8,22,23
	s=8,m=159	20.4	0.51	7.7	7.7	0.0	0.15	0.13	0.09	0.06	2d6/15 L=41	8,22,22
		40.8	0.51	7.7	7.7	0.0	0.15	0.11	0.11	0.12	2d6/15 L=41	8,22,8
59	ok,ok	0.0	0.51	7.7	7.7	0.0	0.15	0.12	0.12	0.09	2d6/15 L=41	8,22,22
	s=8,m=159	20.4	0.51	7.7	7.7	0.0	0.15	0.10	0.13	0.15	2d6/15 L=41	8,22,8
		40.8	0.51	7.7	7.7	0.0	0.15	0.06	0.14	0.22	2d6/15 L=41	8,22,8
65	ok,ok	0.0	0.51	7.7	7.7	0.0	0.15	0.06	0.14	0.19	2d6/15 L=41	8,22,8
	s=8,m=159	20.4	0.51	7.7	7.7	0.0	0.15	0.02	0.16	0.25	2d6/15 L=41	7,8,8
		40.8	0.51	7.7	7.7	0.0	0.15	0.04	0.17	0.32	2d6/15 L=41	22,8,8
84	ok,ok	0.0	0.51	7.7	7.7	0.0	0.15	0.03	0.16	0.30	2d6/15 L=41	21,8,8
	s=8,m=159	20.4	0.51	7.7	7.7	0.0	0.15	0.10	0.17	0.37	2d6/15 L=41	8,8,8
		40.8	0.51	7.7	7.7	0.0	0.15	0.17	0.19	0.43	2d6/15 L=41	8,8,8
17	ok,ok	0.0	0.51	7.7	7.7	0.0	0.15	0.17	0.14	0.51	2d6/15 L=28	8,8,8
	s=8,m=159	20.4	0.51	7.7	7.7	0.0	0.15	0.28	0.16	0.57	2d6/15 L=28	8,8,8
		40.8	0.51	7.7	7.7	0.0	0.15	0.33	0.16	0.60	2d6/15 L=28	8,8,8
58	ok,ok	0.0	0.51	7.7	7.7	0.0	0.15	0.33	0.17	0.63	2d6/15 L=30	8,22,8
	s=8,m=159	21.2	0.51	7.7	7.7	0.0	0.15	0.28	0.17	0.60	2d6/15 L=30	8,22,8
		42.3	0.51	7.7	7.7	0.0	0.15	0.16	0.15	0.54	2d6/15 L=30	8,22,8
51	ok,ok	0.0	0.51	7.7	7.7	0.0	0.15	0.16	0.13	0.46	2d6/15 L=42	8,7,8
	s=8,m=159	21.2	0.51	7.7	7.7	0.0	0.15	0.07	0.12	0.39	2d6/15 L=42	8,7,8
		42.3	0.51	7.7	7.7	0.0	0.15	6.91e-03	0.10	0.33	2d6/15 L=42	7,7,8
74	ok,ok	0.0	0.51	7.7	7.7	0.0	0.15	6.13e-03	0.12	0.34	2d6/15 L=42	7,8,8
	s=8,m=159	21.2	0.51	7.7	7.7	0.0	0.15	0.07	0.10	0.28	2d6/15 L=42	8,8,8
		42.3	0.51	7.7	7.7	0.0	0.15	0.12	0.09	0.22	2d6/15 L=42	8,8,8
86	ok,ok	0.0	0.51	7.7	7.7	0.0	0.15	0.12	0.09	0.24	2d6/15 L=42	8,8,8
	s=8,m=159	21.2	0.51	7.7	7.7	0.0	0.15	0.17	0.07	0.18	2d6/15 L=42	8,8,8
		42.3	0.51	7.7	7.7	0.0	0.15	0.20	0.06	0.12	2d6/15 L=42	8,8,22
88	ok,ok	0.0	0.51	7.7	7.7	0.0	0.15	0.20	0.05	0.15	2d6/15 L=42	8,22,8
	s=8,m=159	21.2	0.51	7.7	7.7	0.0	0.15	0.22	0.04	0.09	2d6/15 L=42	8,22,22
		42.3	0.51	7.7	7.7	0.0	0.15	0.24	0.03	0.04	2d6/15 L=42	8,21,21
3	ok,ok	0.0	0.51	7.7	7.7	0.0	0.15	0.24	0.02	0.05	2d6/15 L=42	8,21,8

		s=8,m=159	21.2	0.51	7.7	7.7	0.0	0.15	0.24	0.02	5.31e-03	2d6/15 L=42	8,21,23
			42.3	0.51	7.7	7.7	0.0	0.15	0.23	0.02	0.05	2d6/15 L=42	8,21,7
68	ok,ok		0.0	0.51	7.7	7.7	0.0	0.15	0.23	0.01	0.03	2d6/15 L=42	8,21,8
		s=8,m=159	21.2	0.51	7.7	7.7	0.0	0.15	0.22	0.02	0.08	2d6/15 L=42	8,21,8
			42.3	0.51	7.7	7.7	0.0	0.15	0.20	0.03	0.12	2d6/15 L=42	8,21,8
8	ok,ok		0.0	0.51	7.7	7.7	0.0	0.15	0.20	0.03	0.11	2d6/15 L=42	8,21,8
		s=8,m=159	21.2	0.51	7.7	7.7	0.0	0.15	0.17	0.04	0.14	2d6/15 L=42	8,21,8
			42.3	0.51	7.7	7.7	0.0	0.15	0.14	0.05	0.18	2d6/15 L=42	8,21,8
41	ok,ok		0.0	0.51	7.7	7.7	0.0	0.15	0.14	0.07	0.18	2d6/15 L=42	8,21,8
		s=8,m=159	21.2	0.51	7.7	7.7	0.0	0.15	0.10	0.07	0.21	2d6/15 L=42	8,21,8
			42.3	0.51	7.7	7.7	0.0	0.15	0.05	0.08	0.24	2d6/15 L=42	22,21,8
9	ok,ok		0.0	0.51	7.7	7.7	0.0	0.15	0.05	0.17	0.32	2d6/15 L=26	22,21,8
		s=8,m=159	21.2	0.51	7.7	7.7	0.0	0.15	0.03	0.17	0.35	2d6/15 L=26	8,21,8
			42.3	0.51	7.7	7.7	0.0	0.15	0.05	0.17	0.35	2d6/15 L=26	8,21,8
M_T= 3 Z=320.2 P=4 P=13													
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc		Staffe	Rif. cmb
49	ok,ok	0.0	0.61	9.2	12.3	0.0	0.17	0.08	0.14	0.14		2d8/15 L=474	7,7,7
		s=7,m=159	250.5	0.46	9.2	9.2	0.0	0.15	0.14	0.10	7.02e-03	2d8/15 L=474	7,7,21
			501.1	0.61	9.2	12.3	0.0	0.17	0.11	0.14	0.15	2d8/15 L=474	21,7,21
44	ok,ok	0.0	0.61	9.2	12.3	3.1	0.17	0.13	0.20	0.85		2d8/15 L=424	21,7,7
		s=7,m=159	225.9	0.46	9.2	9.2	3.1	0.15	0.08	0.17	0.50	2d8/15 L=424	21,7,7
			451.8	0.61	9.2	12.3	3.1	0.17	0.08	0.20	0.79	2d8/15 L=424	7,7,7
45	ok,ok	0.0	0.61	9.2	12.3	3.1	0.17	6.49e-03	0.21	0.75		2d8/15 L=28	1,7,7
		s=7,m=159	21.0	0.61	9.2	12.3	3.1	0.15	0.01	0.21	0.74	2d8/15 L=28	22,7,7
			42.0	0.61	9.2	12.3	3.1	0.15	0.04	0.21	0.71	2d8/15 L=28	22,7,7
75	ok,ok	0.0	0.61	9.2	12.3	0.0	0.15	0.04	0.10	0.03		2d8/15 L=42	22,7,1
		s=7,m=159	21.0	0.61	9.2	12.3	0.0	0.15	0.05	0.10	0.02	2d8/15 L=42	22,7,1
			42.0	0.61	9.2	12.3	0.0	0.15	0.05	0.10	7.42e-03	2d8/15 L=42	8,7,1
85	ok,ok	0.0	0.61	9.2	12.3	0.0	0.15	0.04	0.10	0.02		2d8/15 L=42	8,21,21
		s=7,m=159	21.0	0.61	9.2	12.3	0.0	0.15	0.03	0.10	0.04	2d8/15 L=42	7,21,21
			42.0	0.61	9.2	12.3	0.0	0.15	0.02	0.10	0.05	2d8/15 L=42	7,21,21
6	ok,ok	0.0	0.61	9.2	12.3	0.0	0.15	0.01	0.18	0.07		2d8/15 L=42	7,22,21
		s=7,m=159	21.0	0.61	9.2	12.3	0.0	0.17	0.02	0.18	0.08	2d8/15 L=42	21,22,21
			42.0	0.61	9.2	12.3	0.0	0.17	0.05	0.18	0.10	2d8/15 L=42	21,22,21
11	ok,ok	0.0	0.61	9.2	12.3	0.0	0.17	0.05	0.18	0.63		2d8/15 L=42	21,1,22
		s=7,m=159	21.0	0.61	9.2	12.3	0.0	0.17	0.09	0.18	0.67	2d8/15 L=42	21,1,22
			42.0	0.61	9.2	12.3	0.0	0.17	0.12	0.19	0.70	2d8/15 L=42	21,1,22
14	ok,ok	0.0	0.61	9.2	12.3	0.0	0.17	0.13	0.18	0.70		2d8/15 L=42	21,1,22
		s=7,m=159	21.0	0.61	9.2	12.3	0.0	0.17	0.17	0.19	0.73	2d8/15 L=42	21,1,22
			42.0	0.61	9.2	12.3	0.0	0.17	0.21	0.19	0.77	2d8/15 L=42	21,1,22
39	ok,ok	0.0	0.61	9.2	12.3	0.0	0.17	0.22	0.17	0.12		2d8/15 L=42	21,22,22
		s=7,m=159	21.0	0.61	9.2	12.3	0.0	0.17	0.26	0.18	0.13	2d8/15 L=42	21,22,22
			42.0	0.61	9.2	12.3	0.0	0.17	0.30	0.18	0.15	2d8/15 L=42	21,22,22
83	ok,ok	0.0	0.61	9.2	12.3	0.0	0.17	0.31	0.11	0.13		2d8/15 L=30	21,22,22
		s=7,m=159	21.0	0.61	9.2	12.3	0.0	0.17	0.26	0.11	0.12	2d8/15 L=30	22,22,22
			42.0	0.61	9.2	12.3	0.0	0.17	0.24	0.11	0.11	2d8/15 L=30	22,22,22
M_T= 4 Z=360.0 N=15 N=20													
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc		Staffe	Rif. cmb
7	ok,ok	0.0	1.54	9.2	9.2	0.0	0.23	9.84e-03	0.16	0.02		2d8/15 L=314	1,7,1
		s=14,m=159	169.2	1.54	9.2	9.2	0.0	0.23	0.01	0.15	6.44e-03	2d8/15 L=314	1,8,8
			338.4	1.54	9.2	9.2	0.0	0.23	0.04	0.17	0.04	2d8/15 L=314	8,8,8
M_T= 5 Z=396.1 N=13 N=1934													
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc		Staffe	Rif. cmb
102	ok,ok	0.0	1.67	10.0	10.0	3.1	0.24	2.67e-05	0.31	0.13		2d8/3 L=130	7,7,7
		s=14,m=159	72.0	1.67	10.0	10.0	3.1	0.24	4.96e-03	0.32	0.13	2d8/3 L=130	8,7,8
			144.1	1.67	10.0	10.0	3.1	0.24	0.02	0.33	0.14	2d8/3 L=130	7,7,8
16	ok,ok	0.0	1.54	9.2	9.2	0.0	0.23	0.02	0.07	0.03		2d8/15 L=328	1,7,1
		s=14,m=159	175.8	1.54	9.2	9.2	0.0	0.23	0.02	0.04	9.70e-04	2d8/15 L=328	1,8,8
			351.7	1.54	9.2	9.2	0.0	0.23	0.03	0.07	0.03	2d8/15 L=328	8,8,8
M_T= 6 Z=380.0 N=10 N=17													
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc		Staffe	Rif. cmb
76	ok,ok	0.0	0.62	9.2	9.2	0.0	0.17	0.27	0.18	0.38		2d8/15 L=615	7,7,7
		s=8,m=159	307.3	0.62	9.2	9.2	0.0	0.17	0.46	0.06	0.07	2d8/15 L=615	8,7,8
			614.5	0.62	9.2	9.2	0.0	0.17	0.88	0.24	0.54	2d8/15 L=615	8,7,8
77	ok,ok	0.0	0.62	9.2	9.2	0.0	0.17	0.05	0.09	0.11		2d8/15 L=47	8,8,8
		s=8,m=159	23.7	0.62	9.2	9.2	0.0	0.17	3.82e-04	0.10	0.14	2d8/15 L=47	17,8,8
			47.5	0.62	9.2	9.2	0.0	0.17	0.06	0.11	0.18	2d8/15 L=47	8,8,8
23	ok,ok	0.0	0.62	9.2	9.2	0.0	0.17	0.07	0.03	0.07		2d8/15 L=47	8,8,8
		s=8,m=159	23.7	0.62	9.2	9.2	0.0	0.17	0.05	0.02	0.03	2d8/15 L=47	8,22,8
			47.5	0.62	9.2	9.2	0.0	0.17	0.04	9.66e-03	5.96e-03	2d8/15 L=47	8,1,7
35	ok,ok	0.0	0.62	9.2	9.2	0.0	0.17	0.04	0.04	0.02		2d8/15 L=47	7,8,7
		s=8,m=159	23.7	0.62	9.2	9.2	0.0	0.17	0.06	0.06	0.06	2d8/15 L=47	7,8,7
			47.5	0.62	9.2	9.2	0.0	0.17	0.09	0.07	0.09	2d8/15 L=47	7,8,7
20	ok,ok	0.0	0.62	9.2	9.2	0.0	0.17	0.09	0.18	0.23		2d8/15 L=47	7,8,7
		s=8,m=159	23.7	0.62	9.2	9.2	0.0	0.17	1.49e-03	0.16	0.20	2d8/15 L=47	21,8,7
			47.5	0.62	9.2	9.2	0.0	0.17	0.08	0.15	0.16	2d8/15 L=47	8,8,7
78	ok,ok	0.0	0.61	9.2	12.3	0.0	0.17	0.69	0.23	0.66		2d8/15 L=523	7,8,7

s=7,m=159		277.3	0.46	9.2	9.2	0.0	0.15	0.48	0.04	0.02	2d8/15 L=523	7,8,7
		554.5	0.61	9.2	12.3	0.0	0.17	0.38	0.20	0.56	2d8/15 L=523	8,8,8
							M_T= 7	Z=400.0	P=11	P=12		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
32	NV,NV	0.0	0.50	9.2	9.2	0.0	0.56	0.38	0.36	0.11	2d8/15 L=668	8,7,8
s=6,m=159		346.1	0.50	9.2	9.2	0.0	0.42	0.37	0.04	0.06	2d8/15 L=668	7,7,7
		692.2	0.50	9.2	9.2	0.0	0.56	0.50	0.40	0.13	2d8/15 L=668	7,7,7
33	NV,NV	0.0	0.50	9.2	9.2	0.0	0.56	0.45	0.36	0.12	2d8/15 L=632	7,7,7
s=6,m=159		329.7	0.50	9.2	9.2	0.0	0.42	0.27	0.01	0.01	2d8/15 L=632	8,7,7
		659.3	0.50	9.2	9.2	0.0	0.56	0.41	0.35	0.11	2d8/15 L=632	7,7,8
34	NV,NV	0.0	0.50	9.2	9.2	0.0	0.56	0.46	0.39	0.12	2d8/15 L=655	7,7,7
s=6,m=159		339.2	0.50	9.2	9.2	0.0	0.42	0.32	0.04	0.05	2d8/15 L=655	7,7,7
		678.3	0.50	9.2	9.2	0.0	0.56	0.35	0.36	0.11	2d8/15 L=655	8,7,8
							M_T= 8	Z=357.3	N=22	N=30		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
132	ok,ok	0.0	0.61	9.2	12.3	3.1	0.17	0.06	0.27	0.73	2d8/15 L=28 21,15,22	
s=7,m=159		13.8	0.61	9.2	12.3	3.1	0.17	0.04	0.27	0.70	2d8/15 L=28 21,15,22	
		27.5	0.61	9.2	12.3	3.1	0.17	0.02	0.26	0.68	2d8/15 L=28 21,15,22	
174	ok,ok	0.0	0.61	9.2	12.3	0.0	0.17	0.02	0.24	0.12	2d8/15 L=28 21,8,21	
s=7,m=159		13.8	0.61	9.2	12.3	0.0	0.17	1.63e-03	0.24	0.11	2d8/15 L=28 23,8,21	
		27.5	0.61	9.2	12.3	0.0	0.15	0.02	0.23	0.10	2d8/15 L=28 22,8,21	
133	ok,ok	0.0	0.61	9.2	12.3	0.0	0.15	0.02	0.17	0.11	2d8/15 L=28 22,8,21	
s=7,m=159		13.8	0.61	9.2	12.3	0.0	0.15	0.04	0.17	0.10	2d8/15 L=28 21,8,21	
		27.5	0.61	9.2	12.3	0.0	0.15	0.06	0.16	0.09	2d8/15 L=28 21,8,21	
175	ok,ok	0.0	0.61	9.2	12.3	0.0	0.15	0.06	0.12	0.10	2d8/15 L=28 21,8,21	
s=7,m=159		13.8	0.61	9.2	12.3	0.0	0.15	0.08	0.12	0.09	2d8/15 L=28 21,8,21	
		27.5	0.61	9.2	12.3	0.0	0.15	0.09	0.12	0.08	2d8/15 L=28 21,8,21	
134	ok,ok	0.0	0.61	9.2	12.3	0.0	0.15	0.09	0.10	0.08	2d8/15 L=28 21,8,21	
s=7,m=159		13.8	0.61	9.2	12.3	0.0	0.15	0.11	0.09	0.07	2d8/15 L=28 21,8,21	
		27.5	0.61	9.2	12.3	0.0	0.15	0.12	0.09	0.06	2d8/15 L=28 21,8,21	
176	ok,ok	0.0	0.61	9.2	12.3	0.0	0.15	0.12	0.08	0.06	2d8/15 L=28 21,8,22	
s=7,m=159		13.8	0.61	9.2	12.3	0.0	0.15	0.13	0.08	0.05	2d8/15 L=28 21,8,22	
		27.5	0.61	9.2	12.3	0.0	0.15	0.14	0.07	0.04	2d8/15 L=28 21,8,21	
135	ok,ok	0.0	0.61	9.2	12.3	0.0	0.15	0.15	0.06	0.04	2d8/15 L=28 21,8,22	
s=7,m=159		13.8	0.61	9.2	12.3	0.0	0.15	0.15	0.06	0.03	2d8/15 L=28 21,8,22	
		27.5	0.61	9.2	12.3	0.0	0.15	0.16	0.06	0.02	2d8/15 L=28 21,8,21	
177	ok,ok	0.0	0.61	9.2	12.3	0.0	0.15	0.16	0.05	0.02	2d8/15 L=28 21,8,8	
s=7,m=159		13.8	0.61	9.2	12.3	0.0	0.15	0.17	0.05	0.01	2d8/15 L=28 21,8,22	
		27.5	0.61	9.2	12.3	0.0	0.15	0.17	0.05	2.83e-03	2d8/15 L=28 21,8,21	
136	ok,ok	0.0	0.61	9.2	12.3	0.0	0.15	0.17	0.05	1.70e-03	2d8/15 L=28 21,8,7	
s=7,m=159		13.8	0.61	9.2	12.3	0.0	0.15	0.17	0.05	9.47e-03	2d8/15 L=28 21,8,22	
		27.5	0.61	9.2	12.3	0.0	0.15	0.17	0.05	0.02	2d8/15 L=28 21,8,22	
178	ok,ok	0.0	0.61	9.2	12.3	0.0	0.15	0.17	0.05	0.02	2d8/15 L=28 22,8,22	
s=7,m=159		13.8	0.61	9.2	12.3	0.0	0.15	0.16	0.05	0.03	2d8/15 L=28 22,8,22	
		27.5	0.61	9.2	12.3	0.0	0.15	0.16	0.06	0.04	2d8/15 L=28 22,8,22	
137	ok,ok	0.0	0.61	9.2	12.3	0.0	0.15	0.16	0.05	0.04	2d8/15 L=28 22,8,22	
s=7,m=159		13.8	0.61	9.2	12.3	0.0	0.15	0.15	0.06	0.05	2d8/15 L=28 22,8,22	
		27.5	0.61	9.2	12.3	0.0	0.15	0.14	0.06	0.06	2d8/15 L=28 22,8,22	
179	ok,ok	0.0	0.61	9.2	12.3	0.0	0.15	0.14	0.06	0.07	2d8/15 L=28 22,7,22	
s=7,m=159		13.8	0.61	9.2	12.3	0.0	0.15	0.13	0.06	0.08	2d8/15 L=28 22,7,22	
		27.5	0.61	9.2	12.3	0.0	0.15	0.11	0.07	0.09	2d8/15 L=28 22,7,22	
138	ok,ok	0.0	0.61	9.2	12.3	0.0	0.15	0.11	0.07	0.09	2d8/15 L=28 22,7,22	
s=7,m=159		13.8	0.61	9.2	12.3	0.0	0.15	0.09	0.07	0.10	2d8/15 L=28 22,7,22	
		27.5	0.61	9.2	12.3	0.0	0.15	0.07	0.07	0.11	2d8/15 L=28 22,7,22	
180	ok,ok	0.0	0.61	9.2	12.3	0.0	0.15	0.07	0.08	0.12	2d8/15 L=28 22,22,22	
s=7,m=159		13.8	0.61	9.2	12.3	0.0	0.15	0.05	0.08	0.13	2d8/15 L=28 22,22,22	
		27.5	0.61	9.2	12.3	0.0	0.15	0.02	0.08	0.14	2d8/15 L=28 8,22,22	
139	ok,ok	0.0	0.61	9.2	12.3	0.0	0.15	0.02	0.11	0.15	2d8/15 L=28 8,22,22	
s=7,m=159		13.8	0.61	9.2	12.3	0.0	0.17	8.08e-03	0.12	0.16	2d8/15 L=28 21,22,22	
		27.5	0.61	9.2	12.3	0.0	0.17	0.03	0.12	0.17	2d8/15 L=28 21,22,22	
181	ok,ok	0.0	0.61	9.2	12.3	0.0	0.17	0.04	0.17	0.20	2d8/15 L=28 21,22,22	
s=7,m=159		13.8	0.61	9.2	12.3	0.0	0.17	0.07	0.18	0.21	2d8/15 L=28 22,22,22	
		27.5	0.61	9.2	12.3	0.0	0.17	0.10	0.18	0.22	2d8/15 L=28 22,22,22	
140	ok,ok	0.0	0.61	9.2	12.3	0.0	0.17	0.11	0.26	0.28	2d8/15 L=28 22,22,22	
s=7,m=159		13.8	0.61	9.2	12.3	0.0	0.17	0.15	0.26	0.29	2d8/15 L=28 22,22,22	
		27.5	0.61	9.2	12.3	0.0	0.17	0.21	0.27	0.31	2d8/15 L=28 22,22,22	
							M_T= 9	Z=410.0	N=6	N=8		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
37	ok,ok	0.0	0.70	18.0	18.0	0.0	0.17	0.38	0.25	0.57	4d8/15 L=585	7,8,7
s=13,m=159		292.6	0.85	22.0	16.0	0.0	0.19	0.79	9.06e-03	0.01	4d8/15 L=585	8,8,7
		585.1	0.85	22.0	16.0	0.0	0.16	0.28	0.23	0.53	4d8/15 L=585	8,8,8
							M_T= 10	Z=362.5	N=28	N=36		
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
40	ok,ok	0.0	0.61	9.2	12.3	0.0	0.17	0.06	0.19	0.18	2d8/15 L=30 21,7,8	
s=7,m=159		15.2	0.61	9.2	12.3	0.0	0.17	0.03	0.18	0.17	2d8/15 L=30 21,7,8	
		30.4	0.61	9.2	12.3	0.0	0.17	0.01	0.18	0.16	2d8/15 L=30 21,7,8	

142	ok,ok	0.0	0.61	9.2	12.3	0.0	0.17	0.01	0.19	0.13	2d8/15 L=15	21,7,22
	s=7,m=159	7.6	0.61	9.2	12.3	0.0	0.17	4.09e-03	0.19	0.13	2d8/15 L=15	23,7,22
		15.2	0.61	9.2	12.3	0.0	0.15	0.01	0.19	0.12	2d8/15 L=15	7,7,22
103	ok,ok	0.0	0.61	9.2	12.3	0.0	0.15	9.22e-03	0.20	0.62	2d8/15 L=15	7,18,8
	s=7,m=159	7.6	0.61	9.2	12.3	0.0	0.15	0.02	0.19	0.61	2d8/15 L=15	7,18,8
		15.2	0.61	9.2	12.3	0.0	0.15	0.03	0.19	0.59	2d8/15 L=15	8,18,8
145	ok,ok	0.0	0.61	9.2	12.3	0.0	0.15	0.03	0.19	0.61	2d8/15 L=30	8,5,8
	s=7,m=159	15.2	0.61	9.2	12.3	0.0	0.15	0.05	0.19	0.59	2d8/15 L=30	22,5,8
		30.4	0.61	9.2	12.3	0.0	0.15	0.07	0.19	0.57	2d8/15 L=30	22,5,8
104	ok,ok	0.0	0.61	9.2	12.3	0.0	0.15	0.06	0.19	0.58	2d8/15 L=30	22,22,8
	s=7,m=159	15.2	0.61	9.2	12.3	0.0	0.15	0.08	0.19	0.56	2d8/15 L=30	22,22,8
		30.4	0.61	9.2	12.3	0.0	0.15	0.09	0.19	0.53	2d8/15 L=30	21,22,8
146	ok,ok	0.0	0.61	9.2	12.3	0.0	0.15	0.09	0.18	0.54	2d8/15 L=15	21,21,8
	s=7,m=159	7.6	0.61	9.2	12.3	0.0	0.15	0.10	0.18	0.52	2d8/15 L=15	21,21,8
		15.2	0.61	9.2	12.3	0.0	0.15	0.10	0.17	0.51	2d8/15 L=15	21,21,8
105	ok,ok	0.0	0.61	9.2	12.3	0.0	0.15	0.10	0.18	0.51	2d8/15 L=15	21,21,8
	s=7,m=159	7.6	0.61	9.2	12.3	0.0	0.15	0.11	0.17	0.50	2d8/15 L=15	21,21,8
		15.2	0.61	9.2	12.3	0.0	0.15	0.11	0.17	0.49	2d8/15 L=15	21,21,8
147	ok,ok	0.0	0.61	9.2	12.3	0.0	0.15	0.11	0.18	0.49	2d8/15 L=30	21,21,8
	s=7,m=159	15.2	0.61	9.2	12.3	0.0	0.15	0.11	0.17	0.47	2d8/15 L=30	21,21,8
		30.4	0.61	9.2	12.3	0.0	0.15	0.12	0.17	0.44	2d8/15 L=30	21,21,8
106	ok,ok	0.0	0.61	9.2	12.3	0.0	0.15	0.11	0.17	0.44	2d8/15 L=30	21,21,8
	s=7,m=159	15.2	0.61	9.2	12.3	0.0	0.15	0.12	0.17	0.42	2d8/15 L=30	21,21,8
		30.4	0.61	9.2	12.3	0.0	0.15	0.12	0.17	0.40	2d8/15 L=30	21,21,8
148	ok,ok	0.0	0.61	9.2	12.3	0.0	0.15	0.11	0.17	0.40	2d8/15 L=15	21,1,8
	s=7,m=159	7.6	0.61	9.2	12.3	0.0	0.15	0.11	0.17	0.39	2d8/15 L=15	21,1,8
		15.2	0.61	9.2	12.3	0.0	0.15	0.11	0.17	0.38	2d8/15 L=15	21,1,8
107	ok,ok	0.0	0.61	9.2	12.3	3.1	0.15	0.11	0.16	0.38	2d8/15 L=15	21,16,8
	s=7,m=159	7.6	0.61	9.2	12.3	3.1	0.15	0.10	0.16	0.38	2d8/15 L=15	21,16,8
		15.2	0.61	9.2	12.3	3.1	0.15	0.10	0.16	0.39	2d8/15 L=15	21,16,8
149	ok,ok	0.0	0.61	9.2	12.3	3.1	0.15	0.10	0.17	0.41	2d8/15 L=30	21,16,8
	s=7,m=159	15.2	0.61	9.2	12.3	3.1	0.15	0.09	0.17	0.43	2d8/15 L=30	21,16,8
		30.4	0.61	9.2	12.3	3.1	0.15	0.08	0.17	0.46	2d8/15 L=30	21,16,8
108	ok,ok	0.0	0.61	9.2	12.3	3.1	0.15	0.08	0.17	0.49	2d8/15 L=30	21,14,8
	s=7,m=159	15.2	0.61	9.2	12.3	3.1	0.15	0.07	0.18	0.51	2d8/15 L=30	21,14,8
		30.4	0.61	9.2	12.3	3.1	0.15	0.05	0.18	0.53	2d8/15 L=30	21,14,8
150	ok,ok	0.0	0.61	9.2	12.3	3.1	0.15	0.05	0.19	0.57	2d8/15 L=15	21,8,8
	s=7,m=159	7.6	0.61	9.2	12.3	3.1	0.15	0.04	0.19	0.58	2d8/15 L=15	21,8,8
		15.2	0.61	9.2	12.3	3.1	0.15	0.03	0.19	0.59	2d8/15 L=15	21,8,8
109	ok,ok	0.0	0.61	9.2	12.3	3.1	0.15	0.03	0.21	0.63	2d8/15 L=15	21,8,8
	s=7,m=159	7.6	0.61	9.2	12.3	3.1	0.15	0.02	0.21	0.64	2d8/15 L=15	21,8,8
		15.2	0.61	9.2	12.3	3.1	0.15	0.01	0.21	0.65	2d8/15 L=15	21,8,8
151	ok,ok	0.0	0.61	9.2	12.3	3.1	0.17	0.01	0.25	0.73	2d8/15 L=30	23,8,8
	s=7,m=159	15.2	0.61	9.2	12.3	3.1	0.17	0.01	0.26	0.76	2d8/15 L=30	7,8,8
		30.4	0.61	9.2	12.3	3.1	0.17	0.03	0.26	0.78	2d8/15 L=30	7,8,8

		M_T= 11 Z=310.0 N=46 N=62											
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc		Staffe	Rif. cmb
143	ok,ok	0.0	0.61	9.2	12.3	0.0	0.17	0.34	0.26	0.49		2d8/15 L=25	8,8,8
	s=7,m=159	12.3	0.61	9.2	12.3	0.0	0.17	0.28	0.26	0.47		2d8/15 L=25	8,8,8
		24.6	0.61	9.2	12.3	0.0	0.17	0.21	0.25	0.45		2d8/15 L=25	8,8,8
112	ok,ok	0.0	0.61	9.2	12.3	0.0	0.17	0.21	0.18	0.39		2d8/15 L=25	8,22,8
	s=7,m=159	12.3	0.61	9.2	12.3	0.0	0.17	0.16	0.17	0.37		2d8/15 L=25	8,22,8
		24.6	0.61	9.2	12.3	0.0	0.17	0.11	0.16	0.35		2d8/15 L=25	8,22,8
154	ok,ok	0.0	0.61	9.2	12.3	0.0	0.17	0.11	0.13	0.33		2d8/15 L=25	8,22,8
	s=7,m=159	12.3	0.61	9.2	12.3	0.0	0.17	0.06	0.12	0.31		2d8/15 L=25	8,22,8
		24.6	0.61	9.2	12.3	0.0	0.17	0.02	0.11	0.29		2d8/15 L=25	7,22,8
113	ok,ok	0.0	0.61	9.2	12.3	0.0	0.17	0.02	0.13	0.29		2d8/15 L=25	7,7,8
	s=7,m=159	12.3	0.61	9.2	12.3	0.0	0.15	0.02	0.13	0.26		2d8/15 L=25	22,7,8
		24.6	0.61	9.2	12.3	0.0	0.15	0.07	0.12	0.24		2d8/15 L=25	8,7,8
155	ok,ok	0.0	0.61	9.2	12.3	0.0	0.15	0.07	0.13	0.25		2d8/15 L=25	8,7,8
	s=7,m=159	12.3	0.61	9.2	12.3	0.0	0.15	0.11	0.12	0.22		2d8/15 L=25	8,7,8
		24.6	0.61	9.2	12.3	0.0	0.15	0.15	0.12	0.20		2d8/15 L=25	8,7,8
114	ok,ok	0.0	0.61	9.2	12.3	0.0	0.15	0.15	0.12	0.21		2d8/15 L=25	8,7,8
	s=7,m=159	12.3	0.61	9.2	12.3	0.0	0.15	0.18	0.11	0.19		2d8/15 L=25	8,7,8
		24.6	0.61	9.2	12.3	0.0	0.15	0.21	0.10	0.16		2d8/15 L=25	8,7,8
156	ok,ok	0.0	0.61	9.2	12.3	0.0	0.15	0.21	0.10	0.17		2d8/15 L=25	8,7,8
	s=7,m=159	12.3	0.61	9.2	12.3	0.0	0.15	0.24	0.09	0.15		2d8/15 L=25	8,7,8
		24.6	0.61	9.2	12.3	0.0	0.15	0.26	0.09	0.13		2d8/15 L=25	8,7,8
115	ok,ok	0.0	0.61	9.2	12.3	0.0	0.15	0.26	0.08	0.14		2d8/15 L=25	8,7,8
	s=7,m=159	12.3	0.61	9.2	12.3	0.0	0.15	0.28	0.07	0.11		2d8/15 L=25	8,7,8
		24.6	0.61	9.2	12.3	0.0	0.15	0.30	0.07	0.09		2d8/15 L=25	8,7,8
157	ok,ok	0.0	0.61	9.2	12.3	0.0	0.15	0.30	0.06	0.10		2d8/15 L=25	8,7,8
	s=7,m=159	12.3	0.61	9.2	12.3	0.0	0.15	0.32	0.05	0.08		2d8/15 L=25	8,7,8
		24.6	0.61	9.2	12.3	0.0	0.15	0.33	0.04	0.05		2d8/15 L=25	8,7,8
116	ok,ok	0.0	0.61	9.2	12.3	0.0	0.15	0.33	0.03	0.06		2d8/15 L=25	8,7,8
	s=7,m=159	12.3	0.61	9.2	12.3	0.0	0.15	0.34	0.03	0.04		2d8/15 L=25	8,7,8

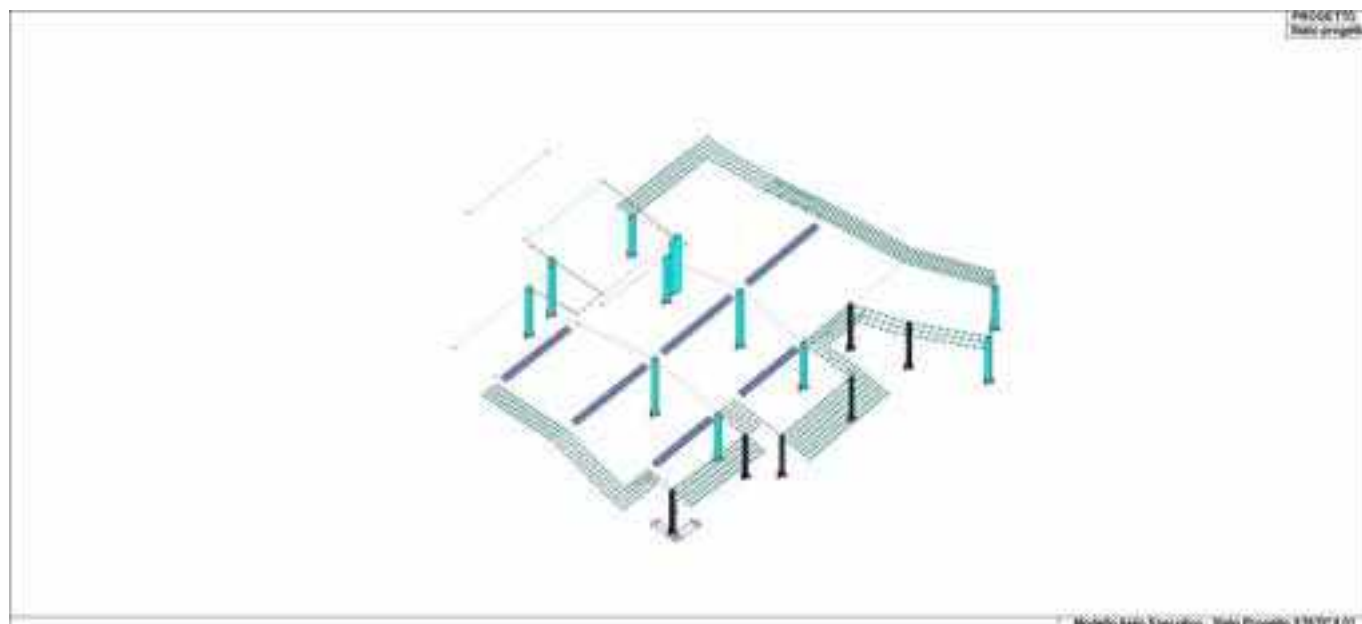
		24.6	0.61	9.2	12.3	0.0	0.15	0.34	0.02	0.02	2d8/15 L=25	8,7,8
158	ok,ok	0.0	0.61	9.2	12.3	0.0	0.15	0.34	0.01	0.03	2d8/15 L=25	8,18,7
	s=7,m=159	12.3	0.61	9.2	12.3	0.0	0.15	0.34	5.04e-03	3.42e-03	2d8/15 L=25	8,21,7
		24.6	0.61	9.2	12.3	0.0	0.15	0.34	9.55e-03	0.02	2d8/15 L=25	8,22,8
117	ok,ok	0.0	0.61	9.2	12.3	0.0	0.15	0.34	0.01	0.01	2d8/15 L=25	8,7,21
	s=7,m=159	12.3	0.61	9.2	12.3	0.0	0.15	0.34	0.02	0.03	2d8/15 L=25	8,7,8
		24.6	0.61	9.2	12.3	0.0	0.15	0.33	0.03	0.06	2d8/15 L=25	8,7,8
159	ok,ok	0.0	0.61	9.2	12.3	0.0	0.15	0.33	0.03	0.05	2d8/15 L=25	8,7,8
	s=7,m=159	12.3	0.61	9.2	12.3	0.0	0.15	0.32	0.04	0.07	2d8/15 L=25	8,7,8
		24.6	0.61	9.2	12.3	0.0	0.15	0.31	0.05	0.09	2d8/15 L=25	8,7,8
118	ok,ok	0.0	0.61	9.2	12.3	0.0	0.15	0.31	0.05	0.08	2d8/15 L=25	8,7,8
	s=7,m=159	12.3	0.61	9.2	12.3	0.0	0.15	0.29	0.06	0.11	2d8/15 L=25	8,7,8
		24.6	0.61	9.2	12.3	0.0	0.15	0.27	0.07	0.13	2d8/15 L=25	8,7,8
160	ok,ok	0.0	0.61	9.2	12.3	0.0	0.15	0.27	0.07	0.12	2d8/15 L=25	8,7,8
	s=7,m=159	12.3	0.61	9.2	12.3	0.0	0.15	0.25	0.08	0.14	2d8/15 L=25	8,7,8
		24.6	0.61	9.2	12.3	0.0	0.15	0.22	0.08	0.17	2d8/15 L=25	8,7,8
119	ok,ok	0.0	0.61	9.2	12.3	0.0	0.15	0.22	0.08	0.16	2d8/15 L=25	8,7,8
	s=7,m=159	12.3	0.61	9.2	12.3	0.0	0.15	0.19	0.08	0.18	2d8/15 L=25	8,7,8
		24.6	0.61	9.2	12.3	0.0	0.15	0.16	0.09	0.21	2d8/15 L=25	8,7,8
161	ok,ok	0.0	0.61	9.2	12.3	0.0	0.15	0.16	0.11	0.21	2d8/15 L=25	8,22,8
	s=7,m=159	12.3	0.61	9.2	12.3	0.0	0.15	0.12	0.11	0.24	2d8/15 L=25	8,22,8
		24.6	0.61	9.2	12.3	0.0	0.15	0.07	0.12	0.26	2d8/15 L=25	8,22,8
120	ok,ok	0.0	0.61	9.2	12.3	0.0	0.15	0.07	0.16	0.29	2d8/15 L=25	8,22,8
	s=7,m=159	12.3	0.61	9.2	12.3	0.0	0.15	0.02	0.17	0.32	2d8/15 L=25	8,22,8
		24.6	0.61	9.2	12.3	0.0	0.17	0.03	0.18	0.34	2d8/15 L=25	8,22,8
162	ok,ok	0.0	0.61	9.2	12.3	0.0	0.17	0.03	0.26	0.42	2d8/15 L=9	8,22,8
	s=7,m=159	12.3	0.61	9.2	12.3	0.0	0.17	0.10	0.26	0.45	2d8/15 L=9	8,22,8
		24.6	0.61	9.2	12.3	0.0	0.17	0.17	0.27	0.47	2d8/15 L=9	8,22,8
M_T= 12 Z=319.8 N=490 N=1942												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
81	ok,ok	0.0	0.50	10.0	10.0	0.0	0.15	0.67	0.19	0.11	2d8/3 L=454	8,7,8
	s=7,m=159	234.4	0.50	10.0	10.0	0.0	0.15	0.34	0.04	6.58e-03	2d8/3 L=454	8,7,8
		468.9	0.50	10.0	10.0	0.0	0.15	0.34	0.16	0.09	2d8/3 L=454	8,7,7
43	ok,ok	0.0	0.50	10.0	10.0	0.0	0.15	0.22	0.17	0.06	2d8/3 L=83	8,7,7
	s=7,m=159	49.1	0.50	10.0	10.0	0.0	0.15	0.10	0.15	0.04	2d8/3 L=83	8,7,7
		98.3	0.50	10.0	10.0	0.0	0.15	7.39e-03	0.11	0.02	2d8/3 L=83	7,7,7
M_T= 13 Z=358.7 P=8 P=11												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
46	ok,ok	0.0	0.61	9.2	12.3	0.0	0.17	0.08	0.10	0.15	2d8/15 L=513	5,7,7
	s=7,m=159	268.3	0.46	9.2	9.2	0.0	0.15	0.16	0.06	0.01	2d8/15 L=513	8,7,21
		536.7	0.61	9.2	12.3	0.0	0.17	0.15	0.11	0.17	2d8/15 L=513	21,7,8
47	ok,ok	0.0	0.61	9.2	12.3	0.0	0.17	0.04	0.11	0.12	2d8/15 L=435	7,7,7
	s=7,m=159	231.6	0.46	9.2	9.2	0.0	0.15	0.10	0.08	0.02	2d8/15 L=435	8,7,21
		463.3	0.61	9.2	12.3	0.0	0.17	0.13	0.12	0.16	2d8/15 L=435	21,7,22
M_T= 14 Z=344.0 P=15 P=16												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
50	ok,ok	0.0	0.80	8.0	12.0	0.0	0.19	0.13	0.18	0.37	2d8/15 L=555	8,8,8
	s=8,m=159	289.2	0.53	8.0	8.0	0.0	0.16	0.58	0.05	0.05	2d8/15 L=555	7,8,7
		578.5	0.80	8.0	12.0	0.0	0.19	0.47	0.22	0.48	2d8/15 L=555	7,8,7
73	ok,ok	0.0	0.62	9.2	9.2	0.0	0.17	0.46	0.14	0.32	2d8/15 L=165	8,8,7
	s=8,m=159	95.6	0.62	9.2	9.2	0.0	0.17	0.15	0.09	0.19	2d8/15 L=165	8,8,7
		191.2	0.62	9.2	9.2	0.0	0.17	9.95e-04	0.04	0.06	2d8/15 L=165	1,8,7
M_T= 15 Z=310.0 P=1 P=2												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
55	ok,ok	0.0	0.61	4.6	4.6	0.0	0.17	0.12	0.13	0.08	2d8/15 L=349	8,7,7
	s=9,m=159	191.8	0.61	4.6	4.6	0.0	0.17	0.13	0.07	1.23e-03	2d8/15 L=349	7,7,23
		383.5	0.61	4.6	4.6	0.0	0.17	0.23	0.18	0.14	2d8/15 L=349	8,7,8
M_T= 16 Z=302.5 N=66 N=69												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
63	ok,ok	0.0	0.61	9.2	12.3	6.2	0.17	0.10	0.28	0.68	2d8/10 L=116	21,8,8
	s=7,m=159	189.1	0.46	9.2	9.2	6.2	0.15	0.07	0.25	0.75	2d8/15 L=118	7,8,8
		378.2	0.61	9.2	12.3	6.2	0.17	0.03	0.27	0.63	2d8/10 L=120	7,8,8
M_T= 17 Z=280.0 N=38 N=69												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
121	ok,ok	0.0	0.51	7.7	7.7	0.0	0.15	0.13	0.23	0.64	2d6/15 L=24	8,22,8
	s=8,m=159	12.0	0.51	7.7	7.7	0.0	0.15	0.05	0.23	0.61	2d6/15 L=24	8,22,8
		24.0	0.51	7.7	7.7	0.0	0.15	0.02	0.22	0.57	2d6/15 L=24	8,22,8
163	ok,ok	0.0	0.51	7.7	7.7	0.0	0.15	0.02	0.15	0.52	2d6/15 L=24	22,21,8
	s=8,m=159	12.0	0.51	7.7	7.7	0.0	0.15	0.08	0.14	0.49	2d6/15 L=24	8,21,8
		24.0	0.51	7.7	7.7	0.0	0.15	0.14	0.13	0.45	2d6/15 L=24	8,21,8
122	ok,ok	0.0	0.51	7.7	7.7	0.0	0.15	0.14	0.14	0.44	2d6/15 L=24	8,7,8
	s=8,m=159	12.0	0.51	7.7	7.7	0.0	0.15	0.20	0.13	0.41	2d6/15 L=24	8,7,8
		24.0	0.51	7.7	7.7	0.0	0.15	0.24	0.13	0.37	2d6/15 L=24	8,7,8
164	ok,ok	0.0	0.51	7.7	7.7	0.0	0.15	0.24	0.13	0.38	2d6/15 L=24	8,7,8
	s=8,m=159	12.0	0.51	7.7	7.7	0.0	0.15	0.29	0.13	0.35	2d6/15 L=24	8,7,8
		24.0	0.51	7.7	7.7	0.0	0.15	0.33	0.12	0.31	2d6/15 L=24	8,7,8
123	ok,ok	0.0	0.51	7.7	7.7	0.0	0.15	0.33	0.12	0.33	2d6/15 L=24	8,7,8

	s=8,m=159	12.0	0.51	7.7	7.7	0.0	0.15	0.36	0.11	0.29	2d6/15 L=24	8,7,8
		24.0	0.51	7.7	7.7	0.0	0.15	0.40	0.10	0.25	2d6/15 L=24	8,7,8
165	ok,ok	0.0	0.51	7.7	7.7	0.0	0.15	0.40	0.10	0.27	2d6/15 L=24	8,7,8
	s=8,m=159	12.0	0.51	7.7	7.7	0.0	0.15	0.43	0.09	0.24	2d6/15 L=24	8,7,8
		24.0	0.51	7.7	7.7	0.0	0.15	0.45	0.08	0.20	2d6/15 L=24	8,7,8
124	ok,ok	0.0	0.51	7.7	7.7	0.0	0.15	0.45	0.08	0.22	2d6/15 L=24	8,7,8
	s=8,m=159	12.0	0.51	7.7	7.7	0.0	0.15	0.48	0.07	0.18	2d6/15 L=24	8,7,8
		24.0	0.51	7.7	7.7	0.0	0.15	0.50	0.06	0.15	2d6/15 L=24	8,7,8
166	ok,ok	0.0	0.51	7.7	7.7	0.0	0.15	0.50	0.06	0.16	2d6/15 L=24	8,7,8
	s=8,m=159	12.0	0.51	7.7	7.7	0.0	0.15	0.51	0.05	0.13	2d6/15 L=24	8,7,8
		24.0	0.51	7.7	7.7	0.0	0.15	0.53	0.04	0.09	2d6/15 L=24	8,7,8
125	ok,ok	0.0	0.51	7.7	7.7	0.0	0.15	0.53	0.03	0.11	2d6/15 L=24	8,7,8
	s=8,m=159	12.0	0.51	7.7	7.7	0.0	0.15	0.54	0.03	0.07	2d6/15 L=24	8,7,8
		24.0	0.51	7.7	7.7	0.0	0.15	0.55	0.02	0.04	2d6/15 L=24	8,7,8
167	ok,ok	0.0	0.51	7.7	7.7	0.0	0.15	0.54	0.02	0.05	2d6/15 L=24	8,21,7
	s=8,m=159	12.0	0.51	7.7	7.7	0.0	0.15	0.55	0.01	0.02	2d6/15 L=24	8,21,7
		24.0	0.51	7.7	7.7	0.0	0.15	0.55	0.01	0.02	2d6/15 L=24	8,21,8
126	ok,ok	0.0	0.51	7.7	7.7	0.0	0.15	0.55	0.02	5.19e-03	2d6/15 L=24	8,21,23
	s=8,m=159	12.0	0.51	7.7	7.7	0.0	0.15	0.55	0.02	0.04	2d6/15 L=24	8,21,22
		24.0	0.51	7.7	7.7	0.0	0.15	0.54	0.03	0.07	2d6/15 L=24	8,22,8
168	ok,ok	0.0	0.51	7.7	7.7	0.0	0.15	0.54	0.04	0.06	2d6/15 L=24	8,8,22
	s=8,m=159	12.0	0.51	7.7	7.7	0.0	0.15	0.53	0.05	0.09	2d6/15 L=24	8,8,8
		24.0	0.51	7.7	7.7	0.0	0.15	0.52	0.06	0.13	2d6/15 L=24	8,8,8
127	ok,ok	0.0	0.51	7.7	7.7	0.0	0.15	0.52	0.06	0.11	2d6/15 L=24	8,8,8
	s=8,m=159	12.0	0.51	7.7	7.7	0.0	0.15	0.50	0.07	0.15	2d6/15 L=24	8,8,8
		24.0	0.51	7.7	7.7	0.0	0.15	0.48	0.08	0.18	2d6/15 L=24	8,8,8
169	ok,ok	0.0	0.51	7.7	7.7	0.0	0.15	0.48	0.09	0.17	2d6/15 L=24	8,8,8
	s=8,m=159	12.0	0.51	7.7	7.7	0.0	0.15	0.46	0.10	0.20	2d6/15 L=24	8,8,8
		24.0	0.51	7.7	7.7	0.0	0.15	0.44	0.10	0.24	2d6/15 L=24	8,8,8
128	ok,ok	0.0	0.51	7.7	7.7	0.0	0.15	0.44	0.11	0.22	2d6/15 L=24	8,7,8
	s=8,m=159	12.0	0.51	7.7	7.7	0.0	0.15	0.41	0.12	0.26	2d6/15 L=24	8,7,8
		24.0	0.51	7.7	7.7	0.0	0.15	0.38	0.13	0.29	2d6/15 L=24	8,7,8
170	ok,ok	0.0	0.51	7.7	7.7	0.0	0.15	0.38	0.14	0.27	2d6/15 L=24	8,7,8
	s=8,m=159	12.0	0.51	7.7	7.7	0.0	0.15	0.34	0.14	0.31	2d6/15 L=24	8,7,8
		24.0	0.51	7.7	7.7	0.0	0.15	0.30	0.15	0.34	2d6/15 L=24	8,7,8
129	ok,ok	0.0	0.51	7.7	7.7	0.0	0.15	0.30	0.16	0.33	2d6/15 L=24	8,7,8
	s=8,m=159	12.0	0.51	7.7	7.7	0.0	0.15	0.26	0.17	0.36	2d6/15 L=24	8,7,8
		24.0	0.51	7.7	7.7	0.0	0.15	0.22	0.17	0.40	2d6/15 L=24	8,7,8
171	ok,ok	0.0	0.51	7.7	7.7	0.0	0.15	0.22	0.18	0.38	2d6/15 L=24	8,7,8
	s=8,m=159	12.0	0.51	7.7	7.7	0.0	0.15	0.17	0.19	0.42	2d6/15 L=24	8,7,8
		24.0	0.51	7.7	7.7	0.0	0.15	0.12	0.20	0.45	2d6/15 L=24	8,7,8
130	ok,ok	0.0	0.51	7.7	7.7	0.0	0.15	0.12	0.20	0.43	2d6/15 L=24	8,7,8
	s=8,m=159	12.0	0.51	7.7	7.7	0.0	0.15	0.07	0.21	0.47	2d6/15 L=24	7,7,8
		24.0	0.51	7.7	7.7	0.0	0.15	0.01	0.22	0.51	2d6/15 L=24	7,7,8
172	ok,ok	0.0	0.51	7.7	7.7	0.0	0.15	0.01	0.22	0.49	2d6/15 L=24	7,7,8
	s=8,m=159	12.0	0.51	7.7	7.7	0.0	0.15	0.05	0.23	0.52	2d6/15 L=24	22,7,8
		24.0	0.51	7.7	7.7	0.0	0.15	0.11	0.23	0.56	2d6/15 L=24	22,7,8
131	ok,ok	0.0	0.51	7.7	7.7	0.0	0.15	0.11	0.22	0.54	2d6/15 L=24	22,7,8
	s=8,m=159	12.0	0.51	7.7	7.7	0.0	0.15	0.18	0.23	0.57	2d6/15 L=24	8,7,8
		24.0	0.51	7.7	7.7	0.0	0.15	0.25	0.24	0.61	2d6/15 L=24	8,7,8
173	ok,ok	0.0	0.51	7.7	7.7	0.0	0.15	0.24	0.18	0.68	2d6/15 L=24	8,7,8
	s=8,m=159	12.0	0.51	7.7	7.7	0.0	0.15	0.32	0.19	0.72	2d6/15 L=24	8,7,8
		24.0	0.51	7.7	7.7	0.0	0.15	0.40	0.19	0.74	2d6/15 L=24	8,7,8
M_T= 18 Z=305.0 N=48 N=1405												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
66	ok,ok	0.0	0.51	7.7	7.7	0.0	0.15	0.58	0.28	0.71	2d6/15 L=32	8,22,8
	s=8,m=159	22.3	0.51	7.7	7.7	0.0	0.15	0.51	0.28	0.70	2d6/15 L=32	8,22,8
		44.6	0.51	7.7	7.7	0.0	0.15	0.36	0.27	0.68	2d6/15 L=32	8,22,8
183	ok,ok	0.0	0.51	7.7	7.7	0.0	0.15	0.36	0.27	0.68	2d6/15 L=45	8,22,8
	s=8,m=159	22.3	0.51	7.7	7.7	0.0	0.15	0.21	0.27	0.66	2d6/15 L=45	8,22,8
		44.6	0.51	7.7	7.7	0.0	0.15	0.07	0.26	0.65	2d6/15 L=45	22,22,8
M_T= 19 Z=395.0 N=8 N=10												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
70	ok,ok	0.0	1.54	9.2	9.2	3.1	0.23	0.08	0.35	0.84	2d8/15 L=516	8,8,8
	s=14,m=159	268.3	1.54	9.2	9.2	3.1	0.23	0.06	0.30	0.67	2d8/15 L=516	7,8,8
		536.7	1.54	9.2	9.2	3.1	0.23	0.07	0.34	0.82	2d8/15 L=516	1,8,7
M_T= 20 Z=340.0 N=2 N=4												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
71	ok,ok	0.0	0.61	9.2	12.3	0.0	0.17	0.29	0.18	0.57	2d8/15 L=600	7,7,7
	s=7,m=159	300.0	0.46	9.2	9.2	0.0	0.15	0.88	0.01	1.57e-03	2d8/15 L=600	7,7,8
		599.9	0.61	9.2	12.3	0.0	0.17	0.30	0.18	0.57	2d8/15 L=600	8,7,8
M_T= 21 Z=314.7 N=30 N=31												
Trave	Note	Pos.	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc	Staffe	Rif. cmb
82	ok,ok	0.0	0.50	10.0	10.0	0.0	0.56	0.16	0.24	0.05	2d8/3 L=615	8,7,8
	s=7,m=159	307.3	0.50	10.0	10.0	0.0	0.42	0.19	0.07	0.01	2d8/3 L=615	7,7,7
		614.5	0.50	10.0	10.0	0.0	0.56	0.30	0.28	0.05	2d8/3 L=615	7,7,7
M_T= 22 Z=288.0 N=54 N=1681												

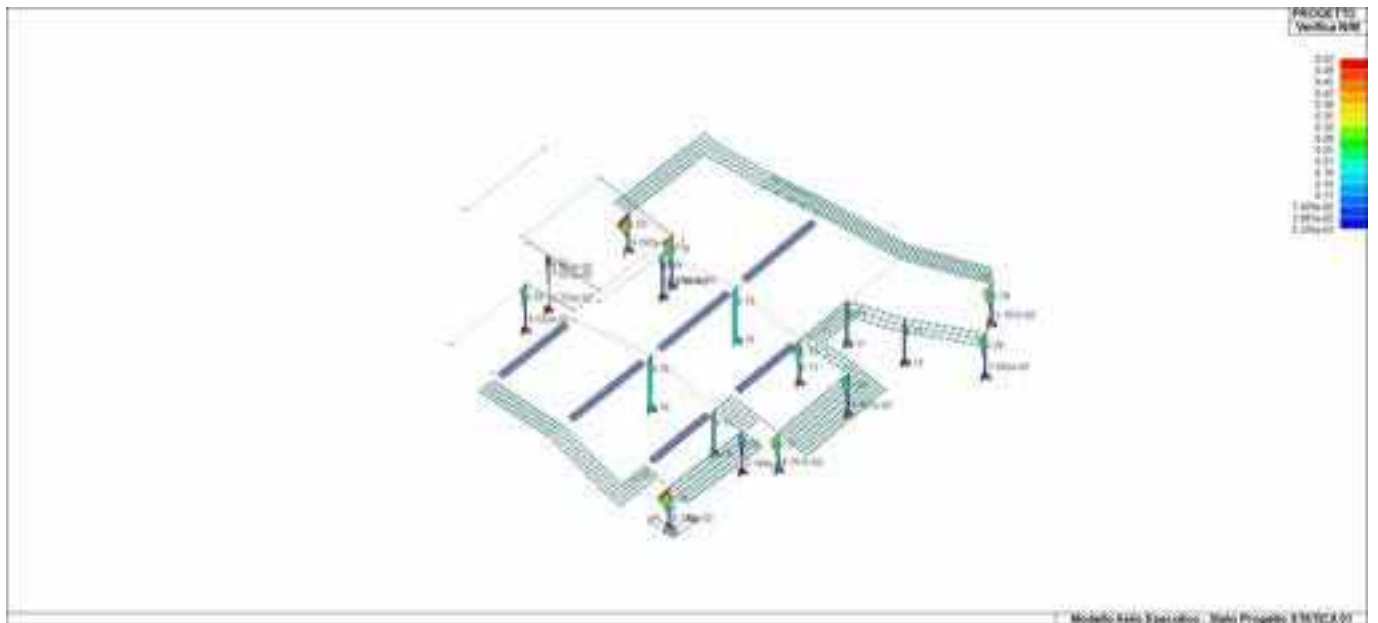
Trave	%Af	Af inf.	Af. sup	Af long.	x/d	V N/M	V V/T cls	V V/T acc
	1.67	22.00	18.00	9.24	0.69	1.48	0.70	3.72

Trave	M negativo	iM positivo	iM negativo	fM positivo	fLuce per V	V M-i M+f	V M+i M-f	VEd,min	VEd,max	Vr1	As
	daN cm	daN cm	daN cm	daN cm	cm	daN	daN	daN	daN	daN	cm2
7	8.821e+05	8.821e+05	8.821e+05	8.821e+05	314.46	4017.25	4017.25	0.0	0.0	0.0	0.0
16	8.821e+05	8.821e+05	8.821e+05	8.821e+05	327.64	3855.68	3855.68	0.0	0.0	0.0	0.0
32	3.809e+06	3.153e+06	3.809e+06	3.153e+06	668.46	1.041e+04	1.041e+04	0.0	0.0	0.0	0.0
33	3.809e+06	3.153e+06	3.809e+06	3.153e+06	631.64	1.102e+04	1.102e+04	0.0	0.0	0.0	0.0
34	3.809e+06	3.153e+06	3.809e+06	3.153e+06	654.97	1.063e+04	1.063e+04	0.0	0.0	0.0	0.0
37	1.929e+06	1.929e+06	1.734e+06	2.318e+06	585.11	5147.00	4430.14	0.0	0.0	0.0	0.0
43	1.100e+06	1.100e+06	1.100e+06	1.100e+06	82.88	1.874e+04	1.874e+04	0.0	0.0	0.0	0.0
44	1.326e+06	1.025e+06	1.326e+06	1.025e+06	424.18	3915.59	3915.59	0.0	0.0	0.0	0.0
46	1.326e+06	1.025e+06	1.326e+06	1.025e+06	513.29	3235.85	3235.85	0.0	0.0	0.0	0.0
47	1.326e+06	1.025e+06	1.326e+06	1.025e+06	434.87	3819.31	3819.31	0.0	0.0	0.0	0.0
49	1.326e+06	1.025e+06	1.326e+06	1.025e+06	474.09	3503.40	3503.40	0.0	0.0	0.0	0.0
50	1.264e+06	8.752e+05	1.264e+06	8.752e+05	554.73	2731.24	2731.24	0.0	0.0	0.0	0.0
52	1.150e+06	8.516e+05	1.150e+06	8.516e+05	392.27	3618.78	3618.78	0.0	0.0	0.0	0.0
55	4.970e+05	4.970e+05	4.970e+05	4.970e+05	349.40	2013.24	2013.24	0.0	0.0	0.0	0.0
61	3.770e+06	2.960e+06	3.770e+06	2.960e+06	535.58	1.257e+04	1.257e+04	0.0	0.0	0.0	0.0
63	1.326e+06	1.025e+06	1.326e+06	1.025e+06	354.43	4686.20	4686.20	0.0	0.0	0.0	0.0
66	8.510e+05	8.510e+05	8.510e+05	8.510e+05	76.98	1.565e+04	1.565e+04	0.0	0.0	0.0	0.0
67	3.770e+06	2.960e+06	3.770e+06	2.960e+06	531.56	1.266e+04	1.266e+04	0.0	0.0	0.0	0.0
70	8.821e+05	8.821e+05	8.821e+05	8.821e+05	516.29	2446.83	2446.83	0.0	0.0	0.0	0.0
71	1.326e+06	1.025e+06	1.326e+06	1.025e+06	599.92	2768.55	2768.55	0.0	0.0	0.0	0.0
73	9.949e+05	9.949e+05	9.949e+05	9.949e+05	165.01	8534.34	8534.34	0.0	0.0	0.0	0.0
76	9.949e+05	9.949e+05	9.949e+05	9.949e+05	614.51	2291.70	2291.70	0.0	0.0	0.0	0.0
78	1.326e+06	1.025e+06	1.326e+06	1.025e+06	522.81	3176.89	3176.89	0.0	0.0	0.0	0.0
81	1.100e+06	1.100e+06	1.100e+06	1.100e+06	454.39	3418.23	3418.23	0.0	0.0	0.0	0.0
82	3.879e+06	3.223e+06	3.879e+06	3.223e+06	614.51	1.156e+04	1.156e+04	0.0	0.0	0.0	0.0
91	8.510e+05	8.510e+05	8.510e+05	8.510e+05	120.11	1.003e+04	1.003e+04	0.0	0.0	0.0	0.0
92	8.510e+05	8.510e+05	8.510e+05	8.510e+05	120.11	1.003e+04	1.003e+04	0.0	0.0	0.0	0.0
94	8.510e+05	8.510e+05	8.510e+05	8.510e+05	120.11	1.003e+04	1.003e+04	0.0	0.0	0.0	0.0
95	8.510e+05	8.510e+05	8.510e+05	8.510e+05	120.11	1.003e+04	1.003e+04	0.0	0.0	0.0	0.0
102	9.512e+05	9.512e+05	9.512e+05	9.512e+05	130.01	1.049e+04	1.049e+04	0.0	0.0	0.0	0.0
183	8.510e+05	8.510e+05	8.510e+05	8.510e+05	76.98	1.565e+04	1.565e+04	0.0	0.0	0.0	0.0
184	1.070e+06	1.070e+06	1.070e+06	1.070e+06	181.78	8340.87	8340.87	0.0	0.0	0.0	0.0

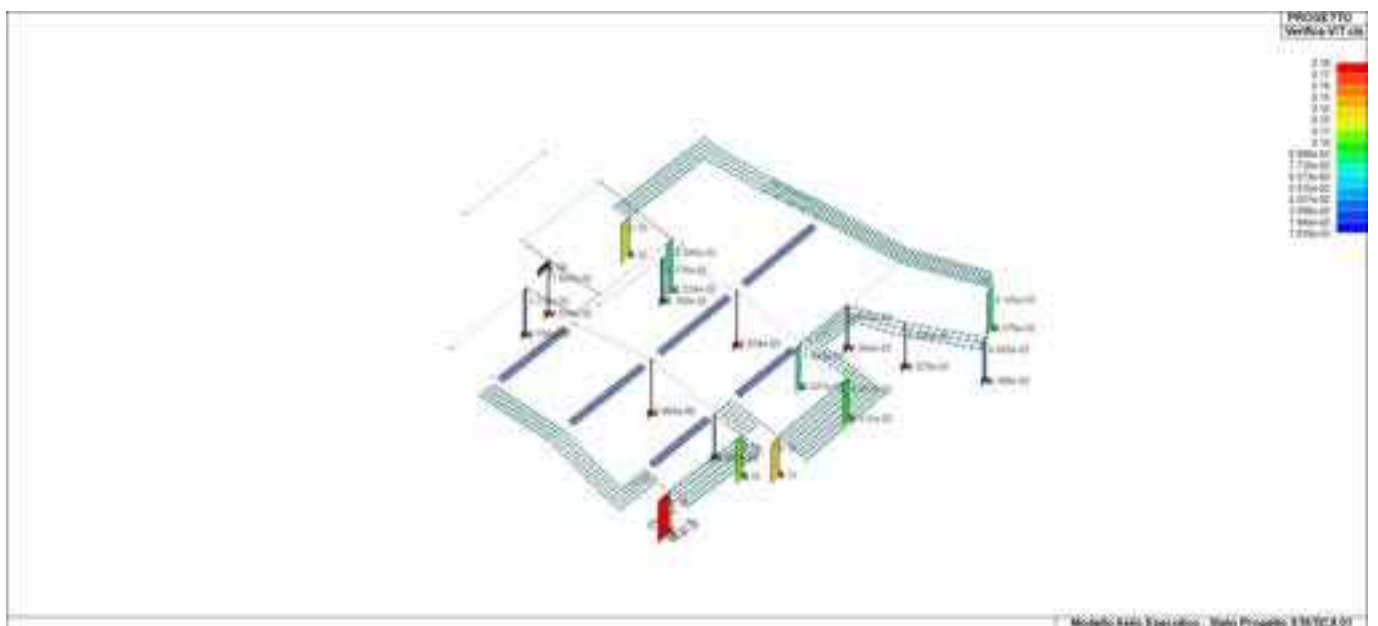
Trave	M negativo	iM positivo	iM negativo	fM positivo	f	V M-i M+f	V M+i M-f	VEd,min	VEd,max	Vr1	As
	3.879e+06	3.223e+06	3.879e+06	3.223e+06		1.874e+04	1.874e+04	0.0	0.0	0.0	0.0



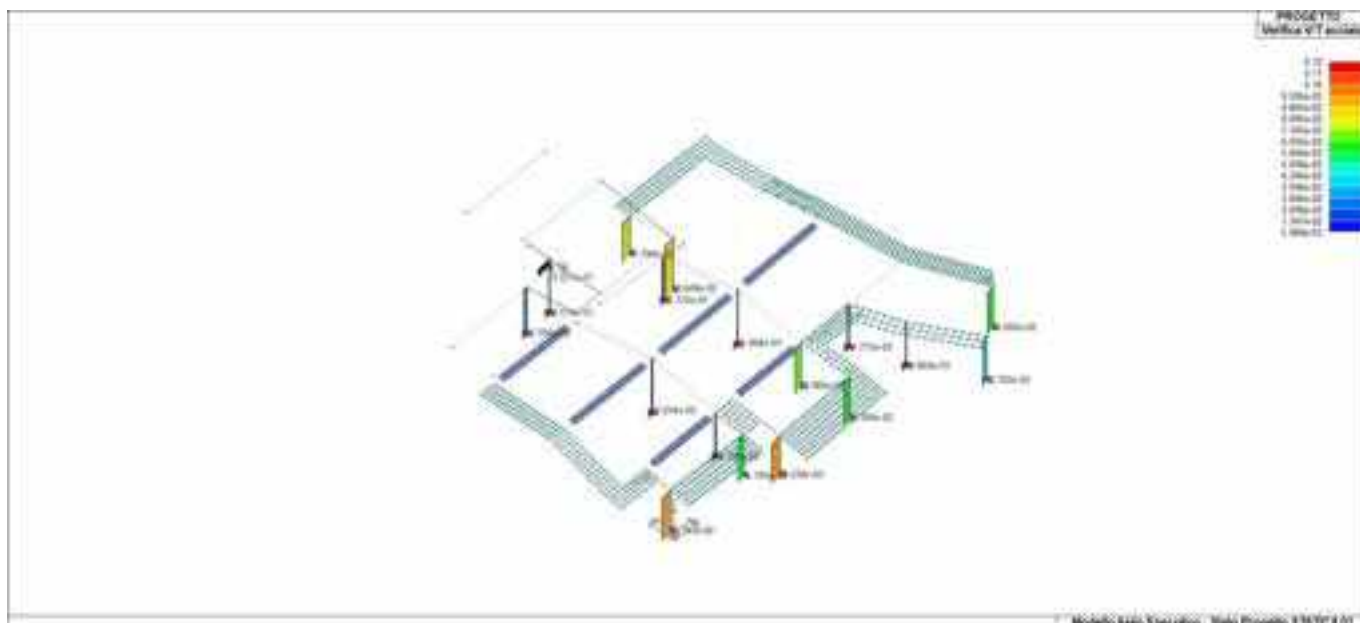
71_CA_PILa_01_Stato progetto



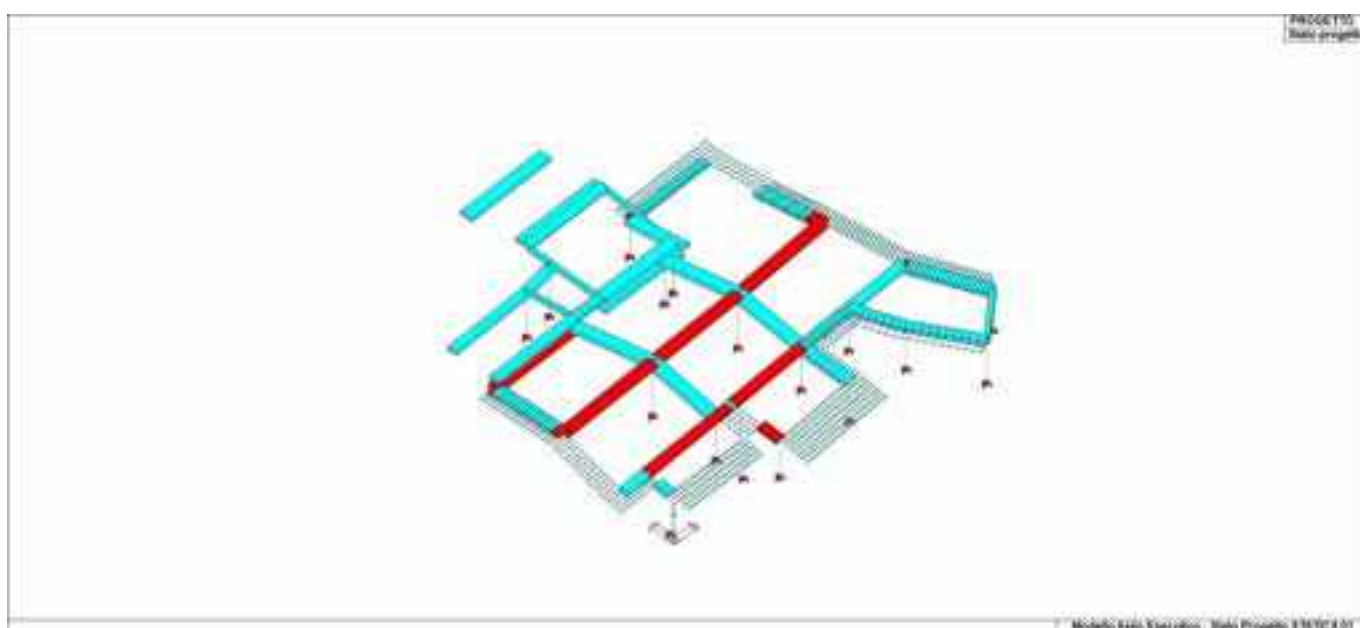
71_CA_PILa_17_Verifica NM



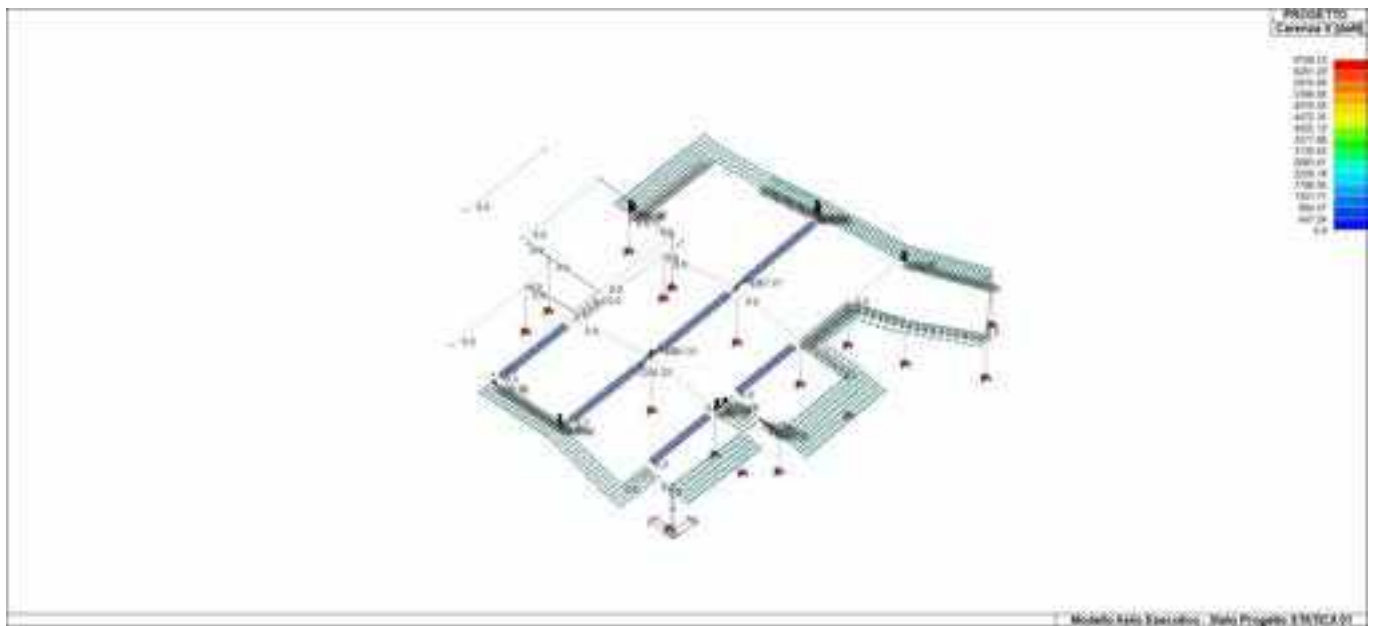
71_CA_PILa_20_Verifica VT cls



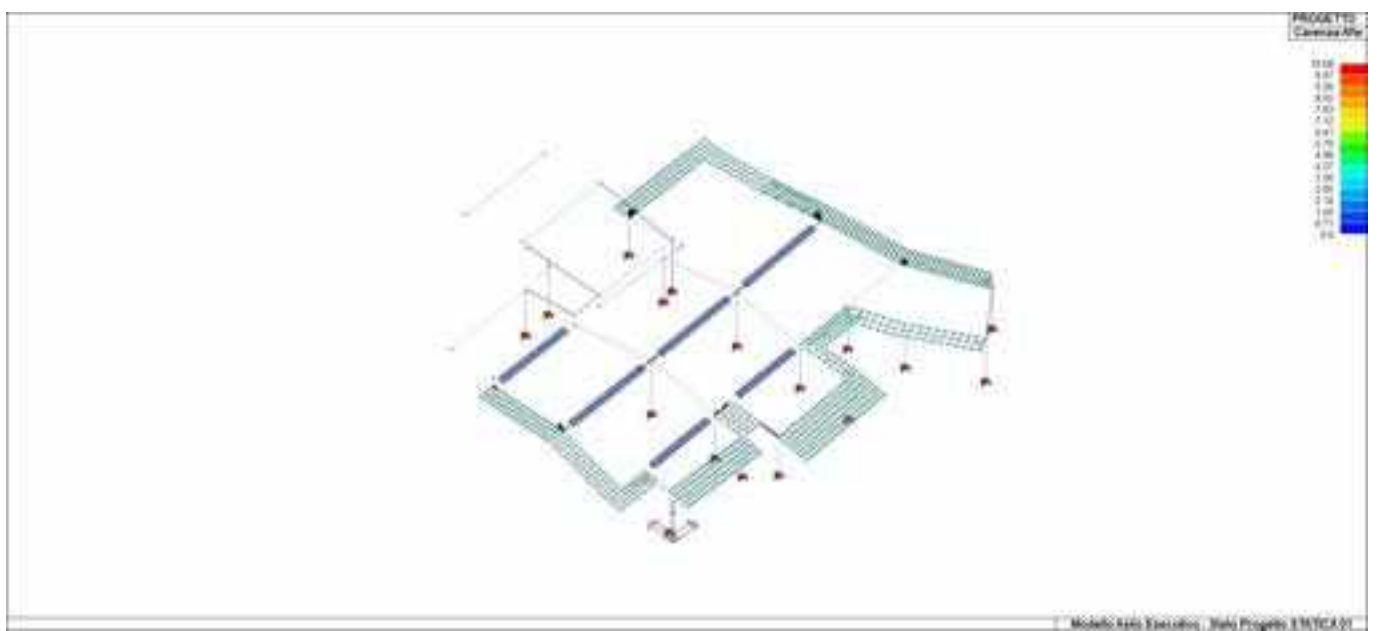
71_CA_PILa_21_Verifica VT acciaio



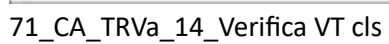
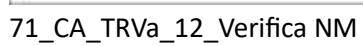
71_CA_TRVa_01_Stato progetto

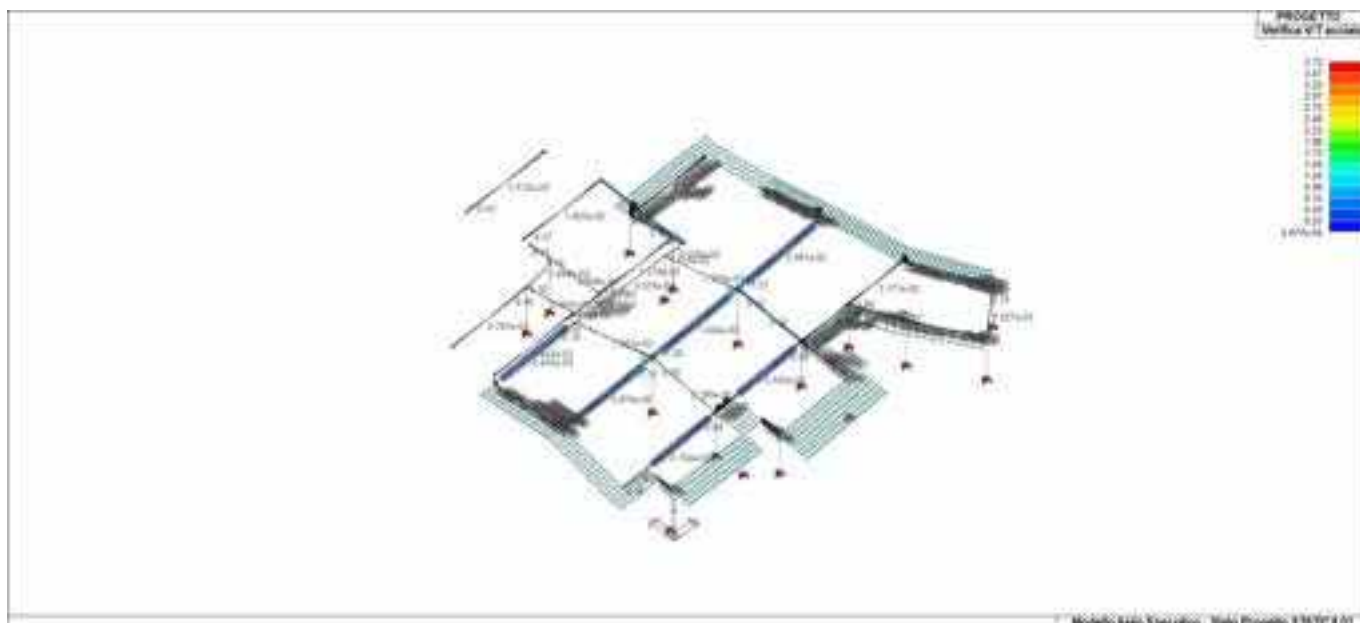


71_CA_TRVa_10_Carenza V

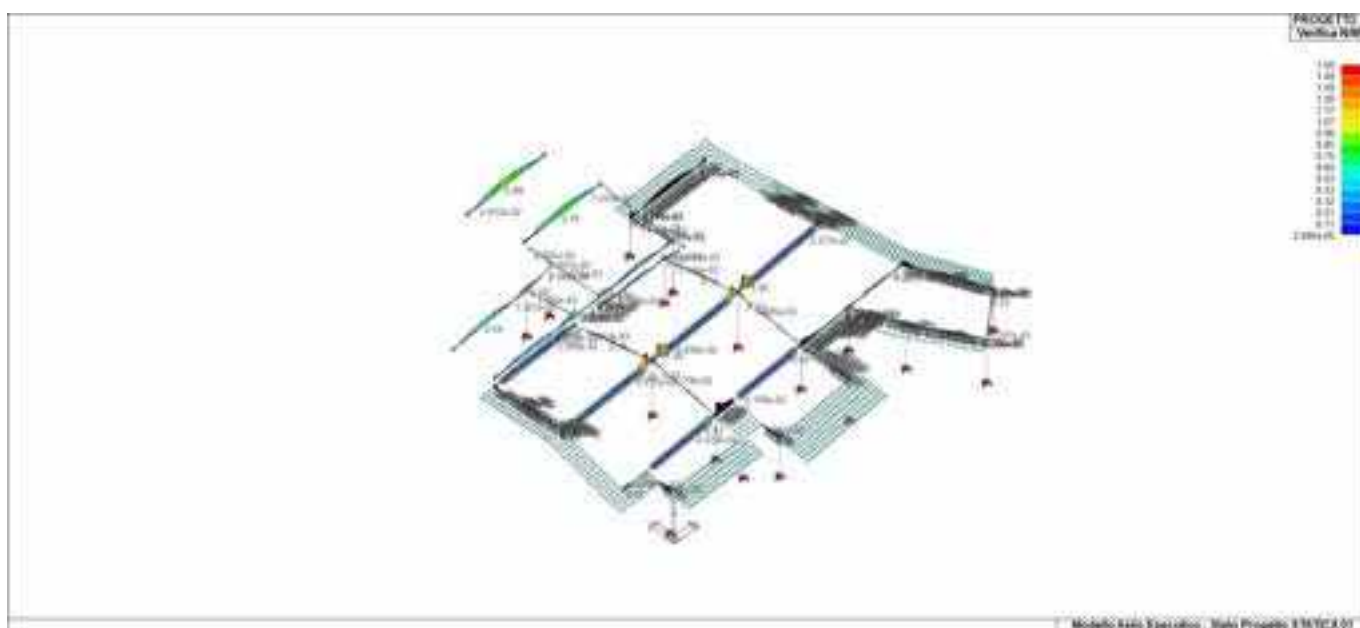


71_CA_TRVa_11_Carenza Afw

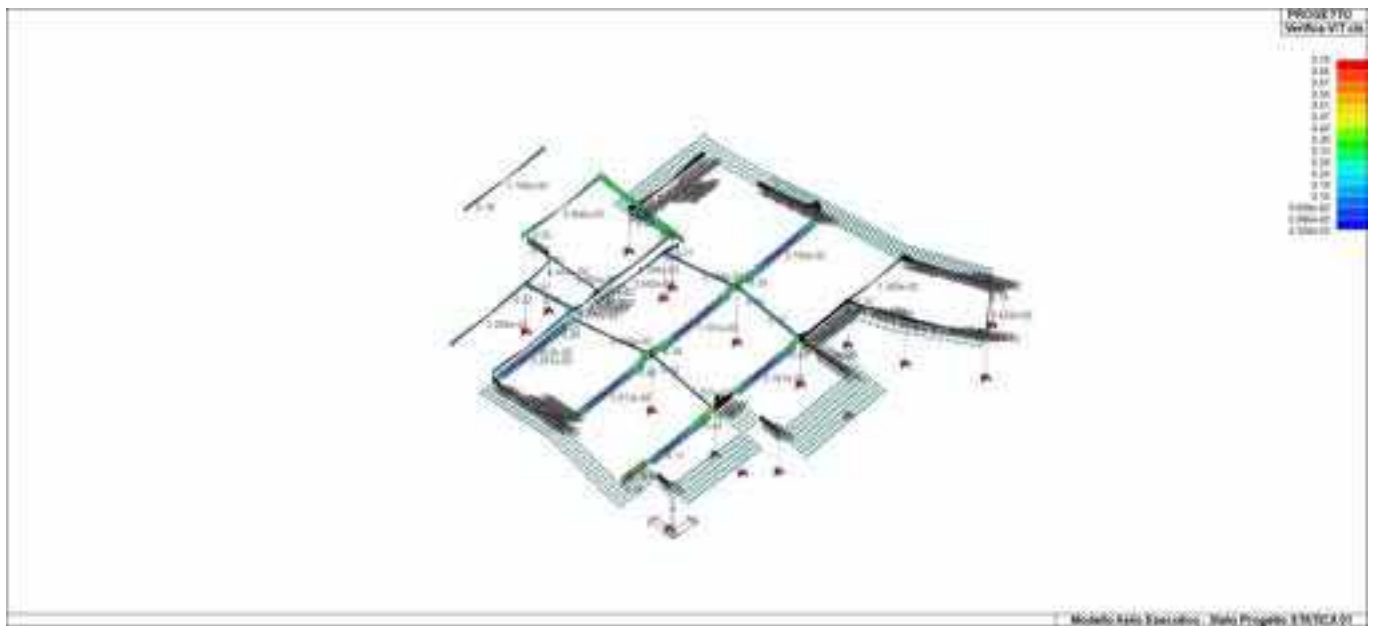




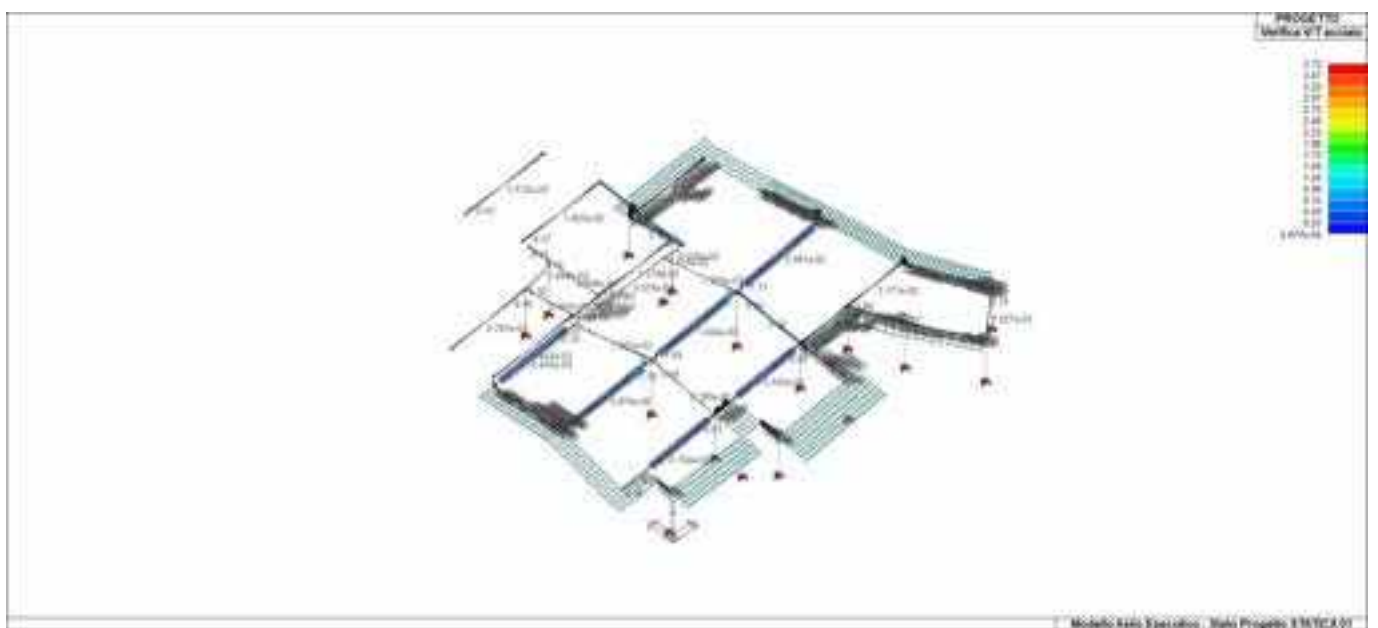
71_CA_TRVa_15_Verifica VT acciaio



71_CA_TRVp_08_Verifica NM



71_CA_TRVp_11_Verifica VT cls



71_CA_TRVp_12_Verifica VT acciaio

VERIFICHE ELEMENTI PARETE E/O GUSCIO IN C.A.

LEGENDA TABELLA VERIFICHE ELEMENTI PARETE E GUSCIO IN C.A.

Per le pareti in c.a., in ottemperanza al cap. 7 del DM 17-01-18, viene effettuata una doppia progettazione: sia come *Singolo Elemento* sia come *Parete Sismica* o *Parete Debolmente Armata*.

Per la progettazione come *Singolo Elemento* di ogni elemento vengono riportati il codice dello stato di verifica con le sigle **Ok e NV**, il rapporto x/d , la verifica per sollecitazioni ultime (verifica a compressione media gli sforzi membranali, verifica a presso-flessionale e verifica a sollecitazioni taglianti), gli sforzi membranali e flessionali, il quantitativo di armatura nella direzione principale e secondaria sia inferiore che superiore e il quantitativo di armatura a taglio.

Per la progettazione come *Parete Sismica* o *Parete Debolmente Armata* vengono riportate invece le caratteristiche geometriche della parete e delle zone dissipative (quest'ultime solo nel caso di parete sismica), i coefficienti di verifica a compressione assiale, pressoflessione e sollecitazioni taglianti.

Inoltre vengono riportate per ogni quota significativa l'armatura principale e secondaria, l'armatura in zona confinata (solo per parete sismica) e non confinata, l'armatura concentrata all'estremità (per pareti debolmente armate), lo sforzo assiale aggiuntivo per q superiore a 2 e i valori di involuppo di taglio e momento. Per le pareti debolmente armate viene riportato anche lo stato di verifica relativo alla snellezza.

Le azioni derivate dall'analisi, in ogni combinazione di calcolo, sono elaborate come previsto al punto 7.4.4.5.1: traslazione del momento, incremento e variazione diagramma taglio, incremento e decremento sforzo assiale

La progettazione nel caso dei gusci viene effettuata una progettazione come *Singolo Elemento*, riportando in tabella il rapporto x/d , la verifica per sollecitazioni ultime, (verifica a compressione media gli sforzi membranali, verifica a presso-flessionale e verifica a sollecitazioni taglianti) di ogni elemento.

Per ogni elemento, viene riportata inoltre la maglia di armatura necessaria in relazione alle risultanze della progettazione dei nodi dell'elemento stesso. Le quantità di armature necessarie sono armature (disposte rispettivamente in direzione principale e secondaria, inferiore e superiore) distribuite nell'elemento ed espresse in centimetri quadri per sviluppo lineare pari ad un metro.

Nel caso dei gusci viene effettuata, inoltre, la verifica a punzonamento, riportando in tabella il codice dello stato di verifica, il coefficiente di verifica per piastre prive di armature a taglio lungo il perimetro resistente e lungo il perimetro del pilastro, coefficiente di incremento dovuto ai momenti flettenti, fattore di amplificazione per le fondazioni, il fattore di amplificazione dell'altezza utile per individuare il perimetro di verifica lungo il quale l'armatura a taglio non è richiesta, il quantitativo di armatura a punzonamento, il numero di serie di armature, il numero di braccia di armatura ed il riferimento alla combinazione più gravosa.

Simbologia adottata nelle tabelle di verifica

Per gli elementi con progettazione di tipo "*Singolo Elemento* ..." è presente una tabella con i simboli di seguito descritti:

Macro Guscio	Numero del macroelemento di tipo guscio (elementi non verticali contigui ed analoghi per proprietà)
Macro Setto	Numero del macroelemento di tipo setto (elementi verticali contigui ed analoghi per proprietà)
Spessore	Spessore della parete
Id Materiale	Codice del materiale assegnato all'elemento
Id Criterio	Codice del criterio di progetto assegnato all'elemento

Progettazione	Sigla tipo di Elemento: - Singolo Elemento; - Singolo Elemento FONDAZIONE; - Singolo Elemento NON DISSIPATIVO
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Per gli elementi con progettazione di tipo “*Parete Sismica*” e “*Parete Debolmente Armata*” è presente una tabella con i simboli di seguito descritti:

Parete	Numero della PARETE SISMICA
Parete PDA	Numero della PARETE DEBOLMENTE ARMATA
H totale	Altezza complessiva della parete
Spessore	Spessore della parete
H critica	Altezza come da punto 7.4.4.5.1 per traslazione momento (solo in Parete Sismica)
H critica V	Altezza della zona dissipativa (solo in Parete Sismica)
L totale	Larghezza di base della parete
L confinata	Lunghezza della zona dissipativa (solo in Parete Sismica)
Verif. N	Verifica di cui al punto 7.4.4.5.1 compressione semplice
Verif. N-M	Verifica di cui al punto 7.4.4.5.1 pressoflessione
Fattore V	Fattore di amplificazione del taglio di cui al punto 7.4.4.5.1
Diagramma V	Diagramma elaborato per effetto modi superiori come da fig. 7.4.4
Verif. V	Verifica di cui al punto 7.4.4.5.1 taglio (compressione cls, trazione acciaio, scorrimento in zona critica) (solo in Parete Sismica)
Verifica Snellezza	Verifica di cui al punto 7.4.4.5.1 limitazione compressione per prevenire l'instabilità (solo in Parete Debolmente Armata)
Prog. composta	Sigla per la progettazione composta

Sia per le verifiche degli elementi con progettazione di tipo “*Singolo Elemento ...*” e “*Parete ...*” è presente una tabella con i simboli di seguito descritti:

Nodo	numero del nodo
Stato	codice di verifica dell'elemento ok o NV
x/d	rapporto tra posizione dell'asse neutro e altezza utile alla rottura della sezione (per sola flessione)
V N/M	Verifica delle sollecitazioni Normali (momento e sforzo normale)
Ver. rid	Rapporto Nd/Nu (Nu ottenuto con riduzione del 25% di fcd)
Af pr+	quantità di armatura richiesta in direzione principale relativa alla faccia positiva (estradosso piastre) (valore derivante da calcolo o minimo normativo)
Af pr-	quantità di armatura richiesta in direzione principale relativa alla faccia negativa (intradosso piastre) (valore derivante da calcolo o minimo normativo)
Af sec+	quantità di armatura richiesta in direzione secondaria relativa alla faccia positiva (estradosso piastre) (valore derivante da calcolo o minimo normativo)
Af sec-	quantità di armatura richiesta in direzione secondaria relativa alla faccia negativa (intradosso piastre) (valore derivante da calcolo o minimo normativo)
Nz No Nzo	Sforzi membranali per pareti e/o setti verticali
Mz Mo Mzo	Sforzi flessionali per pareti e/o setti verticali
Nx Ny Nxy	Sforzi membranali per gusci orizzontali
Mx Mx Mxy	Sforzi flessionali per gusci orizzontali

Nodo	numero del nodo
Stato	codice di verifica dell'elemento ok o NV
Max tau	Tensione tangenziale Massima
Ver V pr	Verifica a taglio nella direzione principale lato calcestruzzo
Ver V sec	Verifica a taglio nella direzione secondaria lato calcestruzzo
Af V pr	Armatura nella direzione principale
V pr-	Verifica dell'armatura nella direzione principale
Af V sec	Armatura nella direzione secondaria

V sec-	Verifica dell'armatura nella direzione secondaria
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Per le verifiche degli elementi con progettazione “*Parete Sismica o Parete Debolmente Armata*”, oltre alla tabella con le verifiche per gli elementi con progettazione “*Singolo Elemento ...*”, è presente una tabella con i simboli di seguito descritti:

Quota	Ascissa verticale di riferimento
Af conf.	Numero e diametro armatura presente in una zona confinata
Af std	Diametro e passo armatura in zona non confinata (doppia maglia)
Af estremi	Diametro dei ferri di estremità del pannello; se posto uguale 0, viene utilizzato il diametro standard
Af V (ori)	Diametro e passo armatura orizzontale (doppia maglia)
Ver. N	Rapporto tra azione di calcolo e resistenza a compressione (normalizzato a 1 in quanto da confrontare con 40% in CDB e 35 % in CDA)
Ver. N/M	Rapporto tra azione di calcolo e resistenza a pressoflessione
Ver. V acc(7)	Rapporto tra azione di calcolo e resistenza a taglio-trazione per alfaS minore di 2 secondo paragrafo 7.4.4.5.1
Ver. V cls	Rapporto tra azione di calcolo e resistenza a taglio-compressione
Ver. V acc	Rapporto tra azione di calcolo e resistenza a taglio-trazione
Ver. V scorr.	Rapporto tra azione di calcolo e resistenza a taglio scorrimento
N add	Sforzo assiale di cui al punto 7.4.4.5.1 da sommare e sottrarre nelle verifiche quando q supera 2
N invil M invil	Inviluppo del Momento e Sforzo Normale come al punto 7.4.4.5.1 (informativo) (solo in Parete Sismica)

Quota	Ascissa verticale di riferimento
N v.N	Valore dello sforzo assiale per cui Ver. N attinge il massimo valore
N v.M/N, M v.M/N	Valore dello sforzo assiale e momento per cui Ver. N/M attinge il massimo valore
N v.M/N, M v.M/N Mo v.M/N	Valore dello sforzo assiale e dei momenti per cui Ver. N/M attinge il massimo valore (per le pareti estese debolmente armate)
N v.Vcls, V v.Vcls,	Valore dello sforzo assiale e taglio per cui Ver. V. cls attinge il massimo valore
N v.Vacc, M v.Vacc, V v.Vacc,	Valore dello sforzo assiale, momento e taglio per cui Ver. V. acc attinge il massimo valore
N v.Vscorr, M v.Vscorr, V v.Vscorr,	Valore dello sforzo assiale, momento e taglio per cui Ver. V. scorr.e attinge il massimo valore
N v.N	Valore dello sforzo assiale per cui Ver. N attinge il massimo valore
N v.M/N, M v.M/N	Valore dello sforzo assiale e momento per cui Ver. N/M attinge il massimo valore
N v.M/N, M v.M/N Mo v.M/N	Valore dello sforzo assiale e dei momenti per cui Ver. N/M attinge il massimo valore (per le pareti estese debolmente armate)
N v.Vcls, V v.Vcls,	Valore dello sforzo assiale e taglio per cui Ver. V. cls attinge il massimo valore

Quota	Ascissa verticale di riferimento
CtgT Vcls	Valore di ctg(teta) adottato nella verifica V compressione cls
Vrsd Vcls	Valore della resistenza a taglio trazione (armatura di calcolo)
Vrcd Vcls	Valore della resistenza a taglio compressione
CtgT Vacc	Valore di ctg(teta) adottato nella verifica V trazione armatura
Vrsd Vacc	Valore della resistenza a taglio trazione (armatura presente)
Vrcd Vacc	Valore della resistenza a taglio compressione
Vdd	Valore del contributo alla resistenza allo scorrimento come da [7.4.20]
Vid	Valore del contributo alla resistenza allo scorrimento come da [7.4.21]
A s.i.	Somma delle aree di armature

Incli.	Angolo di inclinazione delle armature
Dist.	Distanza alla base tra le armature inclinate

Quota	Ascissa verticale di riferimento
V[7.4.16]	Verifica a taglio-trazione dell'armatura dell'anima (7.4.16)
N M V	Sollecitazioni di calcolo della condizione più gravosa
Alfas	Rapporto di Taglio
Vrd,c	Resistenza a taglio degli elementi non armati
VRd,s	Resistenza a taglio nei confronti dello scorrimento
V[7.4.17]	Verifica a taglio-trazione dell'armatura dell'anima (7.4.17)
roH	Rapporto tra l'armatura orizzontale e l'area della sezione relativa di calcestruzzo
roV	Rapporto tra l'armatura verticale e l'area della sezione relativa di calcestruzzo
roN	Sforzo normale adimensionalizzato $N_{ed}/(b w f_{yd})$

Per la verifica a *Punzonamento* è presente una tabella con i simboli di seguito descritti:

Nodo	numero del nodo
Stato	codice di verifica dell'elemento ok o NV
V. 6.47	Fattore di sicurezza per la verifica per piastre prive di armature a taglio lungo il perimetro resistente U1
V. 6.53	Fattore di sicurezza per la verifica per piastre prive di armature a taglio lungo il perimetro del pilastro U0
Beta	Fattore di incremento dovuto ai momenti flettenti
f. a fon	fattore di amplificazione per le fondazioni (solo per gusci di fondazione)
f. Uout	fattore di amplificazione dell'altezza utile per individuare il perimetro di verifica lungo il quale l'armatura a taglio non è richiesta
Aw tot	Quantitativo di armatura per la verifica di piastre munite di armatura (formula 6.52 dell'EC2)
Asw,min	Quantitativo minimo di armatura previsto dai dettagli costruttivi (formula 9.11 dell'EC2)
n. x serie	Numero di serie di armature
n.ser 0(R)	Numero di braccia delle armature in direzione 0 (o numero di braccia radiale)
n.ser 90	Numero di braccia delle armature in direzione 90 (solo se armatura cruciforme)
Rif. cmb	Riferimento combinazioni da cui si generano le verifiche più gravose

PROGETTAZIONE DELLE FONDAZIONI

Il D.M.17/01/2018 - par: 7.2.5 prevede:

“Sia per CD“A” sia per CD“B” il dimensionamento delle strutture di fondazione e la verifica di sicurezza del complesso fondazione-terreno devono essere eseguiti assumendo come azione in fondazione, trasmessa dagli elementi soprastanti, una tra le seguenti:

- quella derivante dall'analisi strutturale eseguita ipotizzando comportamento strutturale non dissipativo;
- [...];
- quella trasferita dagli elementi soprastanti nell'ipotesi di comportamento strutturale dissipativo, amplificata di un coefficiente pari a 1,30 in CD“A” e 1,10 in CD“B”;

Nel contesto visualizzazione risultati e nella stampa della relazione sulle fondazioni PRO_SAP mostra le sollecitazioni che derivano dall'analisi non incrementate sia in termini di pressioni sul terreno che in termini di sollecitazioni.

La progettazione degli elementi strutturali con proprietà fondazione è effettuata da PRO_SAP (per travi e platee) o da PRO_CAD Plinti (per plinti e pali di fondazione) incrementando la componente sismica delle combinazioni di un coefficiente pari 1.1 in CDB e 1.3 in CDA per pali, plinti, travi e platee.

Per i bicchieri dei plinti di fondazione prefabbricati l'incremento delle sollecitazioni ha un fattore pari a 1.2 in CDB e

1.35 in CDA.

N.B.: nel caso di comportamento strutturale non dissipativo la progettazione viene effettuata senza nessun incremento.

Le verifiche geotecniche di pali, plinti, plinti su pali, travi e platee vengono effettuate dal modulo geotecnico incrementando automaticamente la componente sismica delle azioni di un fattore 1.1 in CDB e 1.3 in CDA.

N.B.: nel caso di comportamento strutturale non dissipativo le verifiche geotecniche vengono effettuate senza nessun incremento.

< TABELLA VERIFICHE ELEMENTI - MATERIALI ESISTENTI >

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
9	20.00	159	4	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x daN/cm	N y daN/cm	N xy daN/cm	M x daN	M y daN	M xy daN
36	ok	0.15	0.9	3.67e-03	7.7	7.7	7.7	7.7	101.8	9.6	24.1	1405.4	2934.6	869.0
72	ok	0.15	0.4	1.11e-02	7.7	7.7	7.7	7.7	-27.8	51.8	1.6	-816.4	-370.1	-570.8
87	ok	0.15	8.17e-02	5.27e-04	7.7	7.7	7.7	7.7	1.2	21.0	-2.4	-135.3	-36.8	-69.1
96	ok	0.15	4.36e-02	2.99e-04	7.7	7.7	7.7	7.7	-0.2	32.1	-0.2	-155.8	-37.6	-56.7
105	ok	0.15	5.06e-02	3.89e-04	7.7	7.7	7.7	7.7	-0.6	36.4	2.8	-157.0	-44.0	-82.8
114	ok	0.15	7.61e-02	4.66e-04	7.7	7.7	7.7	7.7	-0.4	44.5	5.3	-236.4	-64.0	-124.6
123	ok	0.15	0.1	5.00e-04	7.7	7.7	7.7	7.7	0.1	56.1	8.4	-393.8	-98.6	-178.7
132	ok	0.15	0.2	4.86e-04	7.7	7.7	7.7	7.7	1.8	74.1	13.2	-686.5	-155.2	-248.7
141	ok	0.15	0.4	4.98e-04	7.7	7.7	7.7	7.7	6.9	101.7	18.3	-1478.1	-267.2	-226.4
854	ok	0.15	6.04e-02	2.88e-02	7.7	7.7	7.7	7.7	-1.7	-67.4	1.4	13.6	214.7	48.5
855	ok	0.15	0.1	3.84e-02	7.7	7.7	7.7	7.7	-2.1	-93.7	0.7	-45.0	479.8	-305.2
856	ok	0.15	4.17e-02	3.36e-02	7.7	7.7	7.7	7.7	-0.4	-57.6	1.8	1.6	186.6	-20.7
857	ok	0.15	3.37e-02	3.13e-02	7.7	7.7	7.7	7.7	-1.62e-02	-79.0	2.4	8.4	-82.4	-23.3
858	ok	0.15	4.62e-02	2.99e-02	7.7	7.7	7.7	7.7	5.12e-02	-73.7	1.8	12.1	-194.9	-65.0
859	ok	0.15	6.77e-02	3.04e-02	7.7	7.7	7.7	7.7	3.17e-02	-75.5	1.5	15.2	-275.3	-111.6
860	ok	0.15	8.78e-02	3.21e-02	7.7	7.7	7.7	7.7	2.68e-02	-80.4	1.4	19.4	-339.2	-169.9
861	ok	0.15	0.1	3.49e-02	7.7	7.7	7.7	7.7	3.51e-02	-88.2	1.3	25.5	-390.5	-235.8
862	ok	0.15	0.1	3.90e-02	7.7	7.7	7.7	7.7	3.35e-03	-99.2	1.2	32.5	-390.6	-300.5
863	ok	0.15	0.1	4.41e-02	7.7	7.7	7.7	7.7	-0.3	-112.1	1.4	32.3	-241.7	-353.4
864	ok	0.15	0.1	4.50e-02	7.7	7.7	7.7	7.7	-1.0	-108.6	3.2	35.3	89.7	-401.4
866	ok	0.15	0.2	1.92e-02	7.7	7.7	7.7	7.7	4.2	-23.6	21.7	136.9	798.2	-530.2
867	ok	0.15	9.71e-02	1.44e-02	7.7	7.7	7.7	7.7	9.8	-20.8	-14.9	-92.7	390.8	84.7
868	ok	0.15	0.3	1.09e-02	7.7	7.7	7.7	7.7	23.4	-17.2	-9.2	-45.3	1095.3	-141.1
870	ok	0.15	0.3	0.0	7.7	7.7	7.7	7.7	2.9	35.7	-1.7	-422.0	-232.9	-838.0
871	ok	0.15	0.3	6.08e-04	7.7	7.7	7.7	7.7	-1.5	22.5	-0.2	-380.2	-249.5	-699.6
872	ok	0.15	0.2	6.93e-04	7.7	7.7	7.7	7.7	-1.6	12.0	-0.6	-325.3	-205.0	-503.1
873	ok	0.15	0.1	7.02e-04	7.7	7.7	7.7	7.7	-1.4	5.2	-0.7	-247.8	-160.2	-349.8
874	ok	0.15	9.34e-02	8.68e-04	7.7	7.7	7.7	7.7	-1.6	1.1	-0.6	-190.4	-123.5	-226.5
875	ok	0.15	6.21e-02	1.19e-03	7.7	7.7	7.7	7.7	-2.1	7.94e-02	-0.4	-167.4	-91.1	-121.7
876	ok	0.15	4.61e-02	2.06e-03	7.7	7.7	7.7	7.7	-1.1	3.2	-0.1	-147.1	-35.6	-69.6
877	ok	0.15	0.2	1.54e-03	7.7	7.7	7.7	7.7	18.9	-0.1	8.9	409.4	743.8	48.4
878	ok	0.15	0.2	1.66e-02	7.7	7.7	7.7	7.7	8.8	-35.4	5.2	80.9	324.8	-768.0
879	ok	0.15	0.2	1.52e-02	7.7	7.7	7.7	7.7	1.9	-37.2	-4.2	-59.8	-247.5	-773.9
880	ok	0.15	0.2	1.54e-02	7.7	7.7	7.7	7.7	-0.4	-38.3	-5.2	-126.0	-366.2	-679.7
881	ok	0.15	0.2	1.55e-02	7.7	7.7	7.7	7.7	-0.5	-38.5	-3.9	-134.6	-343.5	-534.6
882	ok	0.15	0.1	1.53e-02	7.7	7.7	7.7	7.7	-0.4	-37.9	-2.5	-118.2	-288.5	-386.1
883	ok	0.15	9.92e-02	1.51e-02	7.7	7.7	7.7	7.7	-0.6	-37.4	-1.1	-98.7	-233.1	-253.0
884	ok	0.15	6.48e-02	1.49e-02	7.7	7.7	7.7	7.7	-1.1	-36.6	0.8	-77.4	-167.8	-149.4
885	ok	0.15	3.50e-02	1.45e-02	7.7	7.7	7.7	7.7	-0.8	-35.9	3.0	-73.2	-60.7	-60.2
886	ok	0.15	7.46e-02	1.41e-02	7.7	7.7	7.7	7.7	3.8	-25.2	-3.77e-02	-45.4	317.7	-37.5
887	ok	0.15	0.1	1.52e-02	7.7	7.7	7.7	7.7	3.8	1.7	-41.0	257.1	39.1	332.3
888	ok	0.15	0.1	1.94e-02	7.7	7.7	7.7	7.7	-1.7	-16.3	-39.1	58.1	-251.7	317.2

889	ok	0.15	0.1	2.33e-02	7.7	7.7	7.7	7.7	-0.2	-33.1	-37.3	24.3	-414.7	331.6
890	ok	0.15	0.2	2.73e-02	7.7	7.7	7.7	7.7	0.3	-45.5	-30.9	39.1	-514.5	320.0
891	ok	0.15	0.1	3.21e-02	7.7	7.7	7.7	7.7	-1.1	-58.7	-27.6	87.5	-466.5	335.7
892	ok	0.15	0.1	3.66e-02	7.7	7.7	7.7	7.7	-6.5	-81.3	-30.2	225.5	-263.4	384.1
893	ok	0.15	0.2	4.18e-02	7.7	7.7	7.7	7.7	-19.9	-98.1	-23.9	578.4	41.4	437.2
894	ok	0.15	0.4	4.49e-02	7.7	7.7	7.7	7.7	-38.6	-106.4	-21.0	1398.2	520.9	542.2
896	ok	0.15	2.71e-02	4.98e-03	7.7	7.7	7.7	7.7	0.3	-11.4	-0.2	-12.7	52.6	78.7
897	ok	0.15	8.43e-02	2.62e-05	7.7	7.7	7.7	7.7	0.1	52.8	-3.2	-5.3	-254.3	135.8
898	ok	0.15	0.1	0.0	7.7	7.7	7.7	7.7	0.5	110.7	-4.4	-4.1	-446.0	117.6
899	ok	0.15	0.2	0.0	7.7	7.7	7.7	7.7	0.3	142.7	-6.2	-8.5	-538.3	124.9
900	ok	0.15	0.2	2.98e-05	7.7	7.7	7.7	7.7	0.5	187.5	-7.3	-5.4	-458.1	106.2
901	ok	0.15	0.1	0.0	7.7	7.7	7.7	7.7	0.6	205.9	-8.6	-9.8	-244.1	81.8
902	ok	0.15	0.2	0.0	7.7	7.7	7.7	7.7	1.1	308.1	-12.3	-15.8	277.3	-6.0
903	ok	0.15	0.4	0.0	7.7	7.7	7.7	7.7	1.1	309.5	-11.1	-24.6	765.1	-135.7
904	ok	0.15	0.3	0.0	7.7	7.7	7.7	7.7	9.4	256.5	-31.5	47.5	575.1	-240.5
907	ok	0.15	0.2	4.28e-02	7.7	7.7	7.7	7.7	-26.5	-101.2	-22.3	781.3	176.9	456.9
908	ok	0.15	0.1	4.06e-02	7.7	7.7	7.7	7.7	-14.0	-89.8	-28.1	418.4	-84.2	409.3
909	ok	0.15	0.1	3.32e-02	7.7	7.7	7.7	7.7	-2.2	-62.9	-27.4	114.4	-431.8	342.2
910	ok	0.15	0.2	3.09e-02	7.7	7.7	7.7	7.7	-6.69e-02	-53.4	-30.4	66.0	-498.2	328.9
911	ok	0.15	0.2	2.43e-02	7.7	7.7	7.7	7.7	7.31e-02	-35.7	-32.0	29.6	-480.5	309.2
912	ok	0.15	0.1	2.21e-02	7.7	7.7	7.7	7.7	-0.4	-26.6	-33.8	38.0	-395.6	298.9
913	ok	0.15	8.68e-02	1.66e-02	7.7	7.7	7.7	7.7	0.4	-3.8	-40.5	153.7	-71.1	319.9
914	ok	0.15	0.2	1.64e-02	7.7	7.7	7.7	7.7	-6.6	14.0	-44.2	617.1	200.7	422.8
915	ok	0.15	6.31e-02	1.76e-02	7.7	7.7	7.7	7.7	-0.4	-43.2	-0.5	-8.5	233.4	113.3
916	ok	0.15	4.88e-02	0.0	7.7	7.7	7.7	7.7	0.4	21.2	-2.0	-15.9	-107.8	125.2
917	ok	0.15	0.1	0.0	7.7	7.7	7.7	7.7	0.2	82.8	-4.0	1.8	-370.2	130.4
918	ok	0.15	0.2	1.26e-05	7.7	7.7	7.7	7.7	0.2	120.2	-5.2	-10.5	-524.5	113.5
919	ok	0.15	0.2	1.59e-05	7.7	7.7	7.7	7.7	0.3	165.2	-7.1	-2.1	-517.6	123.2
920	ok	0.15	0.1	1.48e-05	7.7	7.7	7.7	7.7	0.3	187.6	-7.9	-11.3	-378.3	91.7
921	ok	0.15	3.71e-02	0.0	7.7	7.7	7.7	7.7	0.6	222.1	-9.1	-9.5	-69.9	50.1
922	ok	0.15	0.3	0.0	7.7	7.7	7.7	7.7	1.3	318.3	-12.3	-18.9	527.3	-64.5
923	ok	0.15	0.5	1.81e-04	7.7	7.7	7.7	7.7	-0.2	298.1	-8.6	-52.0	932.5	-223.8
924	ok	0.15	0.3	0.0	7.7	7.7	7.7	7.7	18.7	131.5	12.1	356.2	686.4	-305.2
927	ok	0.15	8.01e-02	9.97e-03	7.7	7.7	7.7	7.7	1.1	-5.7	-22.8	-38.8	75.0	322.3
928	ok	0.15	0.1	1.79e-02	7.7	7.7	7.7	7.7	3.2	8.0	-48.9	117.8	19.2	404.5
929	ok	0.15	0.1	9.89e-03	7.7	7.7	7.7	7.7	1.9	13.2	-31.6	-9.4	-80.2	374.8
930	ok	0.15	0.2	1.20e-03	7.7	7.7	7.7	7.7	1.4	134.7	-23.4	-0.8	-435.9	302.8
931	ok	0.15	0.1	1.68e-03	7.7	7.7	7.7	7.7	-2.3	206.2	-20.4	212.4	240.0	-11.7
932	ok	0.15	0.2	2.41e-03	7.7	7.7	7.7	7.7	1.5	80.5	-25.5	-26.5	-433.3	359.1
933	ok	0.15	0.2	2.07e-03	7.7	7.7	7.7	7.7	1.6	84.1	-21.9	-17.7	-514.3	329.0
934	ok	0.15	0.2	1.94e-03	7.7	7.7	7.7	7.7	-3.6	213.6	-13.1	274.5	500.8	-182.0
935	ok	0.15	5.80e-02	1.33e-03	7.7	7.7	7.7	7.7	-0.3	148.1	-18.4	90.1	-80.1	146.8
936	ok	0.15	0.3	2.33e-03	7.7	7.7	7.7	7.7	-4.2	211.5	-2.7	365.9	740.9	-377.8
937	ok	0.15	0.2	1.22e-03	7.7	7.7	7.7	7.7	1.2	132.1	-19.9	19.3	-377.1	260.6
938	ok	0.15	0.2	1.66e-03	7.7	7.7	7.7	7.7	1.6	111.3	-24.3	-10.9	-500.7	328.5
939	ok	0.15	0.2	4.36e-03	7.7	7.7	7.7	7.7	1.4	54.1	-28.3	-25.6	-347.5	369.2
940	ok	0.15	0.2	2.00e-03	7.7	7.7	7.7	7.7	1.5	95.1	-24.1	-15.8	-527.9	336.1
941	ok	0.15	0.1	7.43e-03	7.7	7.7	7.7	7.7	1.5	30.0	-31.2	-18.8	-216.9	375.9
942	ok	0.15	0.1	1.31e-03	7.7	7.7	7.7	7.7	0.6	137.5	-20.8	51.1	-252.5	220.5
943	ok	0.15	0.3	1.84e-02	7.7	7.7	7.7	7.7	-39.6	18.1	-21.2	1144.9	394.6	210.2
944	ok	0.15	0.2	1.60e-02	7.7	7.7	7.7	7.7	-19.0	8.9	-30.3	714.3	114.3	277.5
945	ok	0.15	0.1	1.55e-02	7.7	7.7	7.7	7.7	-9.8	3.0	-32.5	414.5	-97.8	304.5
946	ok	0.15	0.1	1.49e-02	7.7	7.7	7.7	7.7	-3.3	2.7	-32.2	206.5	-317.3	300.7
947	ok	0.15	0.2	1.63e-02	7.7	7.7	7.7	7.7	1.4	5.9	-38.1	5.1	-491.8	319.4
948	ok	0.15	0.2	1.60e-02	7.7	7.7	7.7	7.7	1.6	2.7	-36.8	16.0	-525.3	323.1
949	ok	0.15	0.1	1.79e-02	7.7	7.7	7.7	7.7	-1.0	4.1	-45.9	48.9	-234.7	353.0
950	ok	0.15	0.2	1.75e-02	7.7	7.7	7.7	7.7	6.53e-02	2.6	-44.1	12.5	-374.6	345.7
951	ok	0.15	0.2	1.53e-02	7.7	7.7	7.7	7.7	-8.60e-02	5.8	-35.4	104.5	-441.0	319.9
952	ok	0.15	0.2	1.57e-02	7.7	7.7	7.7	7.7	1.1	2.6	-34.8	46.5	-507.4	323.0
953	ok	0.15	0.2	1.56e-02	7.7	7.7	7.7	7.7	30.8	4.1	-54.8	17.6	473.7	596.6
954	ok	0.15	0.1	1.50e-02	7.7	7.7	7.7	7.7	5.8	-15.5	-29.3	-79.9	243.0	359.3
955	ok	0.15	0.4	1.04e-04	7.7	7.7	7.7	7.7	10.2	209.5	1.6	450.4	872.8	-602.2
957	ok	0.15	0.2	7.46e-03	7.7	7.7	7.7	7.7	-17.1	118.0	-15.4	744.9	407.8	-86.4
958	ok	0.15	0.1	1.39e-02	7.7	7.7	7.7	7.7	0.6	17.9	-42.9	15.2	-224.5	349.6
959	ok	0.15	0.2	1.13e-02	7.7	7.7	7.7	7.7	1.3	30.1	-41.3	-4.6	-371.8	338.4
960	ok	0.15	0.2	6.58e-03	7.7	7.7	7.7	7.7	2.0	58.5	-33.4	22.8	-509.3	298.4
961	ok	0.15	8.97e-02	5.75e-03	7.7	7.7	7.7	7.7	-4.4	83.1	-27.4	269.1	-117.5	175.6
962	ok	0.15	0.1	5.62e-03	7.7	7.7	7.7	7.7	-0.9	76.3	-30.7	152.9	-295.0	238.9
963	ok	0.15	0.2	7.58e-03	7.7	7.7	7.7	7.7	1.9	48.1	-34.3	-2.2	-529.7	306.7
964	ok	0.15	0.3	7.32e-03	7.7	7.7	7.7	7.7	-18.6	125.9	1.7	1084.0	692.7	-264.3
965	ok	0.15	9.78e-02	1.52e-02	7.7	7.7	7.7	7.7	4.3	7.3	-43.4	9.8	24.2	380.5
966	ok	0.15	0.1	6.47e-03	7.7	7.7	7.7	7.7	-10.3	108.8	-26.3	493.6	165.9	60.5
969	ok	0.15	0.2	5.17e-03	7.7	7.7	7.7	7.7	1.1	75.0	-32.3	67.3	-427.5	275.1
970	ok	0.15	0.2	8.15e-03	7.7	7.7	7.7	7.7	1.7	42.5	-33.2	-14.3	-497.1	304.9

0.15 35.40 0.12 7.70 7.70 7.70 7.70 404.09 318.34 193.97 6733.65 3846.85 1631.39

Nodo	Stato	Max tau daN/cm2	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr daN/cm	V sec daN/cm
28	ok Av	6.30	0.21	0.21	6.0	6.2	72.8	75.0
36	ok	2.08						
38	ok Av	6.37	0.08	0.29	2.4	8.4	28.8	102.0
72	ok	1.95						
87	ok	0.52						
96	ok	0.24						
105	ok	0.31						
114	ok	0.35						
123	ok	0.41						
132	ok	0.64						
141	ok	1.50						
150	ok Av	6.37	0.08	0.29	2.4	8.4	28.8	102.0
854	ok	0.19						
855	ok	1.03						
856	ok	0.22						
857	ok	0.22						
858	ok	0.16						
859	ok	0.08						
860	ok	0.13						
861	ok	0.24						
862	ok	0.48						
863	ok	0.77						
864	ok	1.03						
865	ok Av	6.37	0.08	0.29	2.4	8.4	28.8	102.0
866	ok	1.62						
867	ok	0.80						
868	ok	2.08						
869	ok Av	6.37	0.08	0.29	2.4	8.4	28.8	102.0
870	ok	1.50						
871	ok	0.64						
872	ok	0.41						
873	ok	0.35						
874	ok	0.31						
875	ok	0.24						
876	ok	0.52						
877	ok	1.95						
878	ok	1.62						
879	ok	0.97						
880	ok	0.48						
881	ok	0.24						
882	ok	0.13						
883	ok	0.14						
884	ok	0.21						
885	ok	0.38						
886	ok	0.56						
887	ok	0.99						
888	ok	0.52						
889	ok	0.29						
890	ok	0.09						
891	ok	0.19						
892	ok	0.58						
893	ok	0.85						
894	ok	2.13						
895	ok	3.41						
896	ok	0.15						
897	ok	0.13						
898	ok	0.41						
899	ok	0.44						
900	ok	0.69						
901	ok	0.69						
902	ok	0.69						
903	ok	0.63						
904	ok	1.66						
905	ok Av	6.30	0.21	0.21	6.0	6.2	72.8	75.0
906	ok	3.41						
907	ok	1.38						
908	ok	0.85						
909	ok	0.37						
910	ok	0.19						
911	ok	0.32						
912	ok	0.32						

913	ok	0.67						
914	ok	2.08						
915	ok	0.18						
916	ok	0.15						
917	ok	0.27						
918	ok	0.42						
919	ok	0.58						
920	ok	0.69						
921	ok	0.69						
922	ok	0.66						
923	ok	1.66						
924	ok	3.09						
925	ok Av	5.66	0.24	0.12	6.9	3.5	83.5	43.0
926	ok Av	6.30	0.24	0.21	6.9	6.2	83.5	75.0
927	ok	0.39						
928	ok	0.99						
929	ok	0.39						
930	ok	0.69						
931	ok	0.94						
932	ok	0.41						
933	ok	0.42						
934	ok	1.20						
935	ok	0.74						
936	ok	1.68						
937	ok	0.69						
938	ok	0.58						
939	ok	0.27						
940	ok	0.44						
941	ok	0.37						
942	ok	0.69						
943	ok	2.13						
944	ok	1.76						
945	ok	0.85						
946	ok	0.60						
947	ok	0.22						
948	ok	0.10						
949	ok	0.52						
950	ok	0.32						
951	ok	0.51						
952	ok	0.23						
953	ok	2.08						
954	ok	0.80						
955	ok	3.09						
956	ok Av	6.83	0.24	0.32	6.9	9.2	83.5	111.5
957	ok	1.74						
958	ok	0.46						
959	ok	0.30						
960	ok	0.23						
961	ok	0.85						
962	ok	0.60						
963	ok	0.11						
964	ok	2.78						
965	ok	0.60						
966	ok	1.20						
967	ok	3.41						
968	ok Av	5.66	0.24	0.12	6.9	3.5	83.5	43.0
969	ok	0.41						
970	ok	0.23						

Nodo	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
	6.83	0.24	0.32	6.86	9.15	83.51	111.50

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
10	20.00	159	4	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
46	ok	0.15	0.6	3.03e-02	7.7	7.7	7.7	7.7	-74.9	208.0	-21.8	1821.8	922.4	782.1
589	ok	0.15	0.2	3.39e-04	7.7	7.7	7.7	7.7	34.8	150.1	-21.1	310.9	425.1	-81.2
604	ok	0.15	2.76e-02	0.0	7.7	7.7	7.7	7.7	14.0	65.6	-13.2	106.4	78.4	1.9

613	ok	0.15	2.78e-02	4.77e-04	7.7	7.7	7.7	7.7	8.1	46.8	-8.7	111.1	40.0	13.2
622	ok	0.15	3.10e-02	0.0	7.7	7.7	7.7	7.7	8.5	55.4	-3.8	124.4	22.6	1.1
631	ok	0.15	3.14e-02	0.0	7.7	7.7	7.7	7.7	10.3	52.9	4.3	117.7	0.6	-22.0
640	ok	0.15	4.57e-02	0.0	7.7	7.7	7.7	7.7	29.9	48.0	8.0	-33.7	-83.0	-110.8
649	ok	0.15	8.46e-02	2.41e-03	7.7	7.7	7.7	7.7	56.8	54.3	19.5	-103.4	-131.9	-183.0
658	ok	0.15	0.2	9.48e-03	7.7	7.7	7.7	7.7	117.0	65.6	53.8	-149.6	-151.1	-298.5
904	ok	0.15	0.3	0.0	7.7	7.7	7.7	7.7	10.6	311.3	-49.2	-16.5	509.6	-229.1
924	ok	0.15	0.3	0.0	7.7	7.7	7.7	7.7	23.8	162.7	1.3	230.3	713.3	-256.1
971	ok	0.15	0.3	3.53e-03	7.7	7.7	7.7	7.7	0.3	-1.4	-4.80e-02	227.8	1122.3	-471.8
972	ok	0.15	0.1	4.91e-04	7.7	7.7	7.7	7.7	0.8	13.1	-3.8	77.8	514.9	-211.7
973	ok	0.15	4.17e-02	0.0	7.7	7.7	7.7	7.7	2.5	28.3	-8.1	32.4	125.5	-69.9
974	ok	0.15	2.30e-02	0.0	7.7	7.7	7.7	7.7	3.6	39.8	-11.6	14.2	-88.2	-1.2
975	ok	0.15	4.92e-02	0.0	7.7	7.7	7.7	7.7	4.9	55.1	-16.3	22.0	-182.7	1.7
976	ok	0.15	6.56e-02	1.16e-05	7.7	7.7	7.7	7.7	6.2	69.4	-20.6	40.2	-236.6	-19.3
977	ok	0.15	7.43e-02	4.04e-05	7.7	7.7	7.7	7.7	7.5	84.5	-25.1	60.6	-255.8	-49.7
978	ok	0.15	6.15e-02	7.89e-05	7.7	7.7	7.7	7.7	9.1	103.2	-30.8	78.6	-189.5	-91.0
979	ok	0.15	7.16e-02	9.06e-05	7.7	7.7	7.7	7.7	11.2	129.9	-38.5	82.8	86.2	-148.9
980	ok	0.15	0.3	5.77e-06	7.7	7.7	7.7	7.7	15.3	165.9	-50.2	62.7	651.0	-241.6
981	ok	0.15	0.3	0.0	7.7	7.7	7.7	7.7	13.6	16.9	-9.6	297.3	1065.7	-486.8
982	ok	0.15	0.4	3.23e-03	7.7	7.7	7.7	7.7	14.8	-4.4	-8.8	514.9	1279.1	-478.7
983	ok	0.15	0.7	1.40e-02	7.7	7.7	7.7	7.7	85.2	15.7	-78.5	978.9	2230.3	-457.9
984	ok	0.15	0.5	1.19e-04	7.7	7.7	7.7	7.7	130.1	112.9	-72.1	102.9	1313.1	-509.9
985	ok	0.15	5.93e-02	6.46e-03	7.7	7.7	7.7	7.7	15.4	53.6	-42.3	124.0	176.4	-43.6
986	ok	0.15	2.56e-02	2.39e-03	7.7	7.7	7.7	7.7	6.9	31.9	-19.7	100.6	50.9	6.8
987	ok	0.15	2.93e-02	1.31e-03	7.7	7.7	7.7	7.7	3.3	32.2	-13.3	119.8	34.4	9.8
988	ok	0.15	2.92e-02	3.30e-03	7.7	7.7	7.7	7.7	-2.6	29.1	-7.7	117.8	19.0	-3.0
989	ok	0.15	3.34e-02	7.00e-03	7.7	7.7	7.7	7.7	-17.8	48.9	0.9	-35.3	-54.1	-87.5
990	ok	0.15	6.35e-02	1.40e-02	7.7	7.7	7.7	7.7	-34.3	50.8	10.2	-111.9	-95.7	-150.4
991	ok	0.15	0.1	2.97e-02	7.7	7.7	7.7	7.7	-70.6	55.7	25.4	-229.1	-130.8	-249.3
992	ok	0.15	0.2	7.82e-02	7.7	7.7	7.7	7.7	-193.2	87.1	40.3	-321.4	-16.3	-469.0
994	ok	0.15	0.3	1.52e-03	7.7	7.7	7.7	7.7	12.8	189.5	-56.6	65.0	786.2	-260.3
995	ok	0.15	0.2	1.19e-04	7.7	7.7	7.7	7.7	13.3	147.8	-43.9	74.3	349.5	-190.3
996	ok	0.15	4.12e-02	1.02e-04	7.7	7.7	7.7	7.7	10.0	115.1	-34.4	83.6	-88.7	-117.2
997	ok	0.15	7.18e-02	5.72e-05	7.7	7.7	7.7	7.7	8.3	93.2	-27.8	70.4	-239.2	-68.8
998	ok	0.15	7.13e-02	2.47e-05	7.7	7.7	7.7	7.7	6.8	76.6	-22.8	50.3	-252.2	-33.3
999	ok	0.15	5.82e-02	0.0	7.7	7.7	7.7	7.7	5.6	62.6	-18.5	31.0	-212.9	-8.0
1000	ok	0.15	3.81e-02	0.0	7.7	7.7	7.7	7.7	4.3	47.7	-14.0	16.4	-143.0	4.4
1001	ok	0.15	1.34e-02	0.0	7.7	7.7	7.7	7.7	3.1	34.6	-10.1	22.0	15.4	-33.5
1002	ok	0.15	8.73e-02	4.59e-05	7.7	7.7	7.7	7.7	1.5	19.8	-5.6	50.8	290.5	-128.6
1003	ok	0.15	0.2	3.18e-03	7.7	7.7	7.7	7.7	0.5	9.8	-3.1	113.5	792.0	-314.7
1004	ok	0.15	0.3	6.49e-03	7.7	7.7	7.7	7.7	26.7	88.2	-30.6	698.9	846.3	-368.2
1005	ok	0.15	0.3	0.0	7.7	7.7	7.7	7.7	15.4	61.7	-0.9	515.4	734.9	-478.6
1006	ok	0.15	0.3	0.0	7.7	7.7	7.7	7.7	3.3	26.6	-6.4	319.9	757.7	-485.0
1007	ok	0.15	0.2	0.0	7.7	7.7	7.7	7.7	17.4	84.3	-23.1	485.6	396.4	-234.4
1008	ok	0.15	0.2	0.0	7.7	7.7	7.7	7.7	9.1	54.3	-7.8	378.9	433.6	-287.5
1009	ok	0.15	0.2	9.58e-05	7.7	7.7	7.7	7.7	2.2	34.4	-5.6	242.3	458.5	-323.2
1010	ok	0.15	9.17e-02	2.76e-03	7.7	7.7	7.7	7.7	-0.5	75.0	-11.7	290.5	183.9	-104.5
1011	ok	0.15	0.1	3.26e-04	7.7	7.7	7.7	7.7	2.7	53.7	-7.0	242.3	228.7	-161.8
1012	ok	0.15	0.1	9.29e-04	7.7	7.7	7.7	7.7	6.27e-02	38.4	-4.5	165.4	248.7	-202.8
1013	ok	0.15	4.66e-02	9.93e-04	7.7	7.7	7.7	7.7	8.5	41.0	-17.2	160.0	87.5	-44.0
1014	ok	0.15	5.41e-02	1.33e-03	7.7	7.7	7.7	7.7	1.1	50.0	-8.6	146.7	97.4	-86.2
1015	ok	0.15	5.68e-02	1.11e-03	7.7	7.7	7.7	7.7	0.2	40.7	-6.2	102.8	100.9	-120.6
1016	ok	0.15	2.58e-02	2.70e-03	7.7	7.7	7.7	7.7	-1.1	57.9	-10.6	94.4	32.4	-26.3
1017	ok	0.15	2.76e-02	1.56e-03	7.7	7.7	7.7	7.7	0.2	50.4	-8.6	79.6	17.0	-53.1
1018	ok	0.15	2.90e-02	9.64e-04	7.7	7.7	7.7	7.7	0.2	42.9	-7.2	63.4	-2.3	-78.1
1019	ok	0.15	1.92e-02	1.05e-03	7.7	7.7	7.7	7.7	3.9	29.7	-10.4	72.4	2.8	-19.8
1020	ok	0.15	2.22e-02	1.40e-03	7.7	7.7	7.7	7.7	1.28e-02	49.3	-8.5	42.4	-39.8	-44.2
1021	ok	0.15	3.10e-02	7.38e-04	7.7	7.7	7.7	7.7	-1.2	48.3	-5.9	17.5	-98.8	-49.6
1022	ok	0.15	2.87e-02	1.24e-03	7.7	7.7	7.7	7.7	-1.7	57.5	-5.9	-32.0	-60.5	-51.9
1023	ok	0.15	3.60e-02	1.12e-03	7.7	7.7	7.7	7.7	-2.4	56.9	-5.3	-23.3	-109.3	-56.4
1024	ok	0.15	4.75e-02	5.41e-04	7.7	7.7	7.7	7.7	-0.2	52.9	-7.8	14.6	-159.6	-61.1
1025	ok	0.15	4.06e-02	5.31e-04	7.7	7.7	7.7	7.7	2.88e-02	50.2	-4.8	-24.8	-94.5	-92.4
1026	ok	0.15	5.00e-02	8.32e-04	7.7	7.7	7.7	7.7	-1.6	59.1	-5.5	-23.0	-149.4	-82.7
1027	ok	0.15	6.38e-02	3.96e-04	7.7	7.7	7.7	7.7	0.5	57.8	-9.5	23.5	-210.1	-86.5
1028	ok	0.15	5.62e-02	6.04e-04	7.7	7.7	7.7	7.7	-1.5	61.6	-0.6	-14.6	-126.5	-132.5
1029	ok	0.15	6.46e-02	6.30e-04	7.7	7.7	7.7	7.7	-0.9	62.6	-5.5	-16.0	-185.5	-115.7
1030	ok	0.15	8.00e-02	3.01e-04	7.7	7.7	7.7	7.7	1.4	63.3	-11.5	45.2	-255.8	-124.1
1031	ok	0.15	7.21e-02	5.88e-04	7.7	7.7	7.7	7.7	-0.5	54.4	-0.4	-4.2	-163.2	-175.6
1032	ok	0.15	8.00e-02	4.87e-04	7.7	7.7	7.7	7.7	-0.3	66.4	-6.1	8.8	-221.5	-154.5
1033	ok	0.15	9.63e-02	2.45e-04	7.7	7.7	7.7	7.7	1.8	69.0	-12.6	67.2	-296.7	-163.1
1034	ok	0.15	9.15e-02	7.86e-04	7.7	7.7	7.7	7.7	5.9	66.8	-1.6	10.7	-198.6	-226.9
1035	ok	0.15	9.57e-02	4.37e-04	7.7	7.7	7.7	7.7	-0.4	71.7	-5.6	26.6	-256.1	-194.4
1036	ok	0.15	0.1	2.22e-04	7.7	7.7	7.7	7.7	2.0	75.6	-13.7	93.5	-331.8	-204.5
1037	ok	0.15	0.1	2.04e-03	7.7	7.7	7.7	7.7	-1.8	62.1	6.1	17.1	-240.1	-278.4
1038	ok	0.15	0.1	5.97e-04	7.7	7.7	7.7	7.7	-0.5	78.7	-4.6	50.3	-286.6	-234.5
1039	ok	0.15	0.1	2.23e-04	7.7	7.7	7.7	7.7	2.1	83.5	-14.8	123.5	-356.5	-245.3
1040	ok	0.15	0.1	1.82e-03	7.7	7.7	7.7	7.7	12.1	79.9	2.2	41.2	-275.1	-339.6

1041	ok	0.15	0.1	6.78e-04	7.7	7.7	7.7	7.7	-0.4	89.4	-2.9	72.4	-309.1	-273.1
1042	ok	0.15	0.1	2.43e-04	7.7	7.7	7.7	7.7	2.2	92.9	-16.0	157.2	-362.1	-281.6
1043	ok	0.15	0.2	5.97e-03	7.7	7.7	7.7	7.7	-4.3	75.1	17.8	59.9	-312.7	-396.3
1044	ok	0.15	0.1	1.20e-03	7.7	7.7	7.7	7.7	-0.7	100.5	-2.0	121.8	-315.1	-304.5
1045	ok	0.15	0.1	2.60e-04	7.7	7.7	7.7	7.7	2.3	104.6	-17.3	194.9	-334.6	-307.9
1046	ok	0.15	0.2	4.87e-03	7.7	7.7	7.7	7.7	23.8	108.0	9.2	130.1	-325.5	-467.3
1047	ok	0.15	0.1	1.35e-03	7.7	7.7	7.7	7.7	-2.2	115.4	0.5	202.4	-282.5	-321.4
1048	ok	0.15	0.1	3.06e-04	7.7	7.7	7.7	7.7	2.3	119.0	-18.6	236.5	-253.5	-316.5
1049	ok	0.15	0.2	1.37e-02	7.7	7.7	7.7	7.7	-18.4	119.7	50.1	222.7	-313.1	-526.2
1050	ok	0.15	0.1	2.96e-03	7.7	7.7	7.7	7.7	-4.6	138.4	0.6	319.4	-215.9	-320.1
1051	ok	0.15	0.1	7.40e-04	7.7	7.7	7.7	7.7	1.8	136.5	-20.0	280.3	-92.4	-296.8
1052	ok	0.15	0.2	1.81e-02	7.7	7.7	7.7	7.7	37.9	165.1	14.6	455.6	-270.0	-652.2
1053	ok	0.15	0.2	1.18e-02	7.7	7.7	7.7	7.7	-29.0	172.2	4.9	540.5	-70.2	-262.0
1054	ok	0.15	0.1	1.33e-03	7.7	7.7	7.7	7.7	0.8	155.6	-22.6	315.2	176.9	-243.5
1057	ok	0.15	0.2	2.00e-03	7.7	7.7	7.7	7.7	6.5	173.1	-38.7	333.3	606.8	-144.2
1060	ok	0.15	0.4	0.0	7.7	7.7	7.7	7.7	23.0	202.2	-23.9	303.4	915.4	-203.4

Nodo	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
	0.15	57.68	0.36	7.70	7.70	7.70	7.70	-537.99	-516.72	-354.40	-5770.55	-616.62	-2264.14
								560.44	769.65	518.47	1.116e+04	3174.32	782.14

Nodo	Stato	Max tau daN/cm2	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr daN/cm	V sec daN/cm
28	ok Av	10.60	0.05	0.50	1.4	14.4	17.0	175.2
46	ok	2.95						
589	ok	1.86						
604	ok	0.64						
613	ok	0.23						
622	ok	0.34						
631	ok	0.39						
640	ok	0.41						
649	ok	0.39						
658	ok	0.48						
667	ok	2.79						
904	ok	0.92						
924	ok	2.24						
925	ok Av	5.11	0.21	0.13	5.9	3.7	72.2	44.6
926	ok Av	10.60	0.21	0.50	5.9	14.4	72.2	175.2
971	ok	0.53						
972	ok	0.57						
973	ok	0.37						
974	ok	0.15						
975	ok	0.10						
976	ok	0.21						
977	ok	0.36						
978	ok	0.57						
979	ok	0.83						
980	ok	0.85						
981	ok	0.98						
982	ok	1.75						
983	ok	2.95						
984	ok	2.95						
985	ok	1.14						
986	ok	0.24						
987	ok	0.28						
988	ok	0.37						
989	ok	0.41						
990	ok	0.40						
991	ok	0.38						
992	ok	0.64						
993	ok Av	10.60	0.05	0.50	1.4	14.4	17.0	175.2
994	ok	0.92						
995	ok	0.85						
996	ok	0.70						
997	ok	0.45						
998	ok	0.28						
999	ok	0.15						
1000	ok	0.07						
1001	ok	0.25						
1002	ok	0.49						
1003	ok	0.57						
1004	ok	2.95						
1005	ok	1.75						
1006	ok	0.98						
1007	ok	1.86						

1008	ok	1.22						
1009	ok	0.84						
1010	ok	1.14						
1011	ok	0.84						
1012	ok	0.67						
1013	ok	0.64						
1014	ok	0.54						
1015	ok	0.49						
1016	ok	0.31						
1017	ok	0.33						
1018	ok	0.33						
1019	ok	0.23						
1020	ok	0.21						
1021	ok	0.21						
1022	ok	0.28						
1023	ok	0.17						
1024	ok	0.14						
1025	ok	0.34						
1026	ok	0.18						
1027	ok	0.10						
1028	ok	0.37						
1029	ok	0.18						
1030	ok	0.15						
1031	ok	0.39						
1032	ok	0.18						
1033	ok	0.21						
1034	ok	0.41						
1035	ok	0.17						
1036	ok	0.28						
1037	ok	0.41						
1038	ok	0.15						
1039	ok	0.36						
1040	ok	0.40						
1041	ok	0.14						
1042	ok	0.45						
1043	ok	0.39						
1044	ok	0.27						
1045	ok	0.57						
1046	ok	0.39						
1047	ok	0.45						
1048	ok	0.70						
1049	ok	0.73						
1050	ok	0.73						
1051	ok	0.83						
1052	ok	1.37						
1053	ok	1.37						
1054	ok	1.08						
1055	ok	2.83						
1056	ok	2.83						
1057	ok	1.54						
1058	ok Av	10.60	0.05	0.50	1.4	14.4	17.0	175.2
1059	ok Av	5.11	0.21	0.13	5.9	3.7	72.2	44.6
1060	ok	2.24						

Nodo	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
	10.60	0.21	0.50	5.93	14.38	72.18	175.20

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
11	20.00	159	4	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x daN/cm	N y daN/cm	N xy daN/cm	M x daN	M y daN	M xy daN
46	ok	0.15	0.9	4.37e-02	7.7	7.7	7.7	7.7	-107.9	138.3	27.7	4116.6	2132.5	-606.9
62	ok	0.15	0.5	1.58e-03	7.7	7.7	7.7	7.7	16.1	15.8	19.9	659.3	1576.1	663.6
971	ok	0.15	0.3	3.49e-03	7.7	7.7	7.7	7.7	1.4	-2.4	-1.4	214.6	1103.7	-503.5
981	ok	0.15	0.3	0.0	7.7	7.7	7.7	7.7	13.7	27.8	-12.0	263.5	1057.4	-498.3
982	ok	0.15	0.4	0.0	7.7	7.7	7.7	7.7	7.8	32.1	-4.4	534.5	1247.9	-494.2
983	ok	0.15	0.5	2.90e-02	7.7	7.7	7.7	7.7	-63.4	9.9	25.8	1271.5	1705.6	-450.0
1061	ok	0.15	0.4	1.43e-02	7.7	7.7	7.7	7.7	17.1	-7.4	6.8	1382.9	1421.0	-109.6
1062	ok	0.15	9.46e-02	7.81e-03	7.7	7.7	7.7	7.7	6.5	-18.6	1.1	329.4	242.1	88.4

1063	ok	0.15	0.2	9.63e-03	7.7	7.7	7.7	7.7	-1.9	-23.7	1.3	-129.2	-516.8	300.8
1064	ok	0.15	0.3	1.03e-02	7.7	7.7	7.7	7.7	-7.8	-24.6	3.9	-339.4	-1014.6	472.8
1065	ok	0.15	0.4	1.06e-02	7.7	7.7	7.7	7.7	-12.6	-22.3	7.1	-422.8	-1293.7	573.5
1066	ok	0.15	0.4	1.08e-02	7.7	7.7	7.7	7.7	-16.6	-17.8	9.5	-417.0	-1362.3	593.9
1067	ok	0.15	0.3	1.08e-02	7.7	7.7	7.7	7.7	-19.3	-11.7	10.9	-314.6	-1211.8	541.3
1068	ok	0.15	0.2	9.61e-03	7.7	7.7	7.7	7.7	-17.8	-3.9	11.6	-22.5	-758.4	453.9
1069	ok	0.15	0.2	6.58e-03	7.7	7.7	7.7	7.7	-7.5	7.2	14.7	600.4	38.8	404.7
1070	ok	0.15	0.3	3.94e-05	7.7	7.7	7.7	7.7	5.3	18.5	-9.9	169.0	804.7	-379.1
1071	ok	0.15	5.47e-02	0.0	7.7	7.7	7.7	7.7	7.5	29.7	-14.9	28.0	179.0	-76.0
1072	ok	0.15	0.2	0.0	7.7	7.7	7.7	7.7	11.2	46.3	-22.6	-111.0	-491.2	235.0
1073	ok	0.15	0.3	0.0	7.7	7.7	7.7	7.7	13.2	54.8	-26.6	-214.7	-971.8	462.3
1074	ok	0.15	0.4	0.0	7.7	7.7	7.7	7.7	13.7	57.7	-27.9	-276.3	-1230.8	589.9
1075	ok	0.15	0.4	0.0	7.7	7.7	7.7	7.7	12.8	54.5	-26.2	-288.7	-1268.4	611.4
1076	ok	0.15	0.4	0.0	7.7	7.7	7.7	7.7	10.2	44.1	-20.9	-244.4	-1089.7	521.3
1077	ok	0.15	0.2	0.0	7.7	7.7	7.7	7.7	4.7	24.7	-10.7	-141.4	-711.7	324.0
1078	ok	0.15	1.43e-02	8.86e-04	7.7	7.7	7.7	7.7	-0.9	-2.1	-0.3	9.5	-51.9	-22.7
1079	ok	0.15	5.79e-02	9.64e-05	7.7	7.7	7.7	7.7	4.6	10.6	7.2	68.3	-208.5	-85.3
1080	ok	0.15	3.96e-02	2.19e-04	7.7	7.7	7.7	7.7	18.5	18.0	17.9	138.8	-63.8	55.7
1081	ok	0.15	0.2	0.0	7.7	7.7	7.7	7.7	17.0	31.6	22.4	368.5	357.5	346.4
1082	ok	0.15	0.3	1.62e-03	7.7	7.7	7.7	7.7	16.9	16.8	19.0	929.7	685.0	454.8
1083	ok	0.15	0.2	8.17e-03	7.7	7.7	7.7	7.7	-13.6	0.7	12.3	210.2	-472.0	406.6
1084	ok	0.15	0.3	1.04e-02	7.7	7.7	7.7	7.7	-19.4	-8.2	11.2	-209.9	-1045.4	495.9
1085	ok	0.15	0.4	1.09e-02	7.7	7.7	7.7	7.7	-18.2	-15.0	10.4	-380.4	-1315.6	575.6
1086	ok	0.15	0.4	1.07e-02	7.7	7.7	7.7	7.7	-14.7	-20.3	8.4	-430.6	-1354.5	593.7
1087	ok	0.15	0.3	1.04e-02	7.7	7.7	7.7	7.7	-10.3	-23.8	5.5	-393.4	-1180.6	532.9
1088	ok	0.15	0.2	1.01e-02	7.7	7.7	7.7	7.7	-5.1	-24.6	2.5	-254.9	-794.4	394.6
1089	ok	0.15	6.78e-02	8.90e-03	7.7	7.7	7.7	7.7	1.8	-21.5	0.9	58.4	-173.1	197.8
1090	ok	0.15	0.2	6.99e-03	7.7	7.7	7.7	7.7	12.1	-14.2	3.0	749.8	763.9	-15.0
1091	ok	0.15	0.6	1.78e-02	7.7	7.7	7.7	7.7	1.6	48.8	16.2	2362.1	2189.6	-236.6
1092	ok	0.15	0.3	4.46e-04	7.7	7.7	7.7	7.7	3.7	8.6	-6.0	218.3	983.0	-474.6
1093	ok	0.15	0.2	2.39e-05	7.7	7.7	7.7	7.7	5.8	22.4	-11.5	99.9	517.6	-235.2
1094	ok	0.15	6.49e-02	0.0	7.7	7.7	7.7	7.7	9.9	40.3	-19.8	-45.1	-177.0	89.0
1095	ok	0.15	0.3	0.0	7.7	7.7	7.7	7.7	12.3	51.3	-24.9	-167.9	-758.7	361.0
1096	ok	0.15	0.4	0.0	7.7	7.7	7.7	7.7	13.6	57.0	-27.6	-251.3	-1129.3	539.1
1097	ok	0.15	0.4	0.0	7.7	7.7	7.7	7.7	13.5	56.9	-27.4	-289.0	-1276.9	614.3
1098	ok	0.15	0.4	0.0	7.7	7.7	7.7	7.7	11.8	50.3	-24.1	-274.0	-1205.7	580.5
1099	ok	0.15	0.3	0.0	7.7	7.7	7.7	7.7	8.1	35.7	-16.5	-201.2	-923.1	433.4
1100	ok	0.15	0.1	3.33e-04	7.7	7.7	7.7	7.7	0.8	11.6	-4.2	-72.0	-449.9	172.7
1101	ok	0.15	0.2	3.51e-03	7.7	7.7	7.7	7.7	-7.6	26.1	0.2	-24.4	-741.6	269.4
1102	ok	0.15	0.3	2.23e-03	7.7	7.7	7.7	7.7	-4.7	29.9	-4.3	-125.8	-972.5	408.7
1103	ok	0.15	0.3	1.23e-03	7.7	7.7	7.7	7.7	-0.9	33.1	-8.5	-199.4	-1131.8	503.7
1104	ok	0.15	0.4	7.11e-04	7.7	7.7	7.7	7.7	2.1	35.7	-12.0	-250.1	-1237.0	566.7
1105	ok	0.15	0.4	4.63e-04	7.7	7.7	7.7	7.7	4.5	37.1	-14.6	-279.0	-1290.8	599.6
1106	ok	0.15	0.4	3.41e-04	7.7	7.7	7.7	7.7	6.4	37.2	-16.5	-289.1	-1291.4	605.0
1107	ok	0.15	0.4	2.93e-04	7.7	7.7	7.7	7.7	7.9	36.6	-17.9	-282.1	-1238.2	585.0
1108	ok	0.15	0.4	3.01e-04	7.7	7.7	7.7	7.7	9.3	35.1	-18.9	-260.2	-1129.8	541.0
1109	ok	0.15	0.3	3.59e-04	7.7	7.7	7.7	7.7	10.3	32.7	-19.3	-225.1	-964.1	474.7
1110	ok	0.15	0.2	4.13e-04	7.7	7.7	7.7	7.7	11.2	30.6	-19.5	-177.6	-743.2	386.5
1111	ok	0.15	0.2	5.70e-04	7.7	7.7	7.7	7.7	11.4	25.9	-18.6	-123.4	-458.8	279.6
1112	ok	0.15	6.66e-02	6.76e-04	7.7	7.7	7.7	7.7	11.5	22.0	-17.4	-60.7	-125.0	153.1
1113	ok	0.15	6.77e-02	7.94e-04	7.7	7.7	7.7	7.7	10.7	15.0	-14.7	-4.7	271.7	11.8
1114	ok	0.15	0.2	1.00e-03	7.7	7.7	7.7	7.7	9.7	12.4	-13.5	69.3	627.3	-148.6
1115	ok	0.15	0.3	1.19e-03	7.7	7.7	7.7	7.7	8.5	13.9	-13.4	157.6	917.7	-328.1
1116	ok	0.15	0.3	3.43e-03	7.7	7.7	7.7	7.7	24.3	12.4	19.6	723.7	1366.4	-104.7
1117	ok	0.15	0.2	2.74e-03	7.7	7.7	7.7	7.7	13.8	-5.2	-1.3	432.3	828.0	41.8
1118	ok	0.15	0.1	3.87e-03	7.7	7.7	7.7	7.7	10.4	-7.8	-6.2	180.9	335.3	156.8
1119	ok	0.15	7.44e-02	4.57e-03	7.7	7.7	7.7	7.7	7.2	-8.7	-6.9	13.2	-94.7	257.5
1120	ok	0.15	0.2	4.76e-03	7.7	7.7	7.7	7.7	4.3	-9.1	-6.6	-123.2	-445.8	349.0
1121	ok	0.15	0.2	4.40e-03	7.7	7.7	7.7	7.7	1.6	-8.4	-5.7	-225.9	-736.3	432.6
1122	ok	0.15	0.3	3.77e-03	7.7	7.7	7.7	7.7	-0.9	-7.1	-4.3	-297.4	-966.6	502.8
1123	ok	0.15	0.3	2.94e-03	7.7	7.7	7.7	7.7	-3.3	-5.3	-2.7	-342.8	-1140.1	557.0
1124	ok	0.15	0.4	2.57e-03	7.7	7.7	7.7	7.7	-5.8	-3.7	-0.9	-366.9	-1258.8	592.2
1125	ok	0.15	0.4	3.60e-03	7.7	7.7	7.7	7.7	-8.4	-1.7	0.9	-368.6	-1323.8	608.1
1126	ok	0.15	0.4	4.69e-03	7.7	7.7	7.7	7.7	-10.8	0.6	2.6	-347.3	-1335.8	603.4
1127	ok	0.15	0.4	5.77e-03	7.7	7.7	7.7	7.7	-13.1	2.9	4.1	-301.3	-1294.6	578.4
1128	ok	0.15	0.3	6.60e-03	7.7	7.7	7.7	7.7	-15.3	6.2	5.3	-222.8	-1192.5	531.0
1129	ok	0.15	0.3	7.20e-03	7.7	7.7	7.7	7.7	-16.4	9.4	6.3	-100.2	-1036.5	463.3
1130	ok	0.15	0.2	7.00e-03	7.7	7.7	7.7	7.7	-15.6	13.4	7.3	74.9	-814.8	370.6
1131	ok	0.15	0.2	6.07e-03	7.7	7.7	7.7	7.7	-12.2	15.7	9.4	254.7	-578.9	287.3
1132	ok	0.15	0.4	4.88e-03	7.7	7.7	7.7	7.7	-7.5	-9.1	3.9	497.7	1314.1	-470.9
1133	ok	0.15	0.1	3.26e-03	7.7	7.7	7.7	7.7	-4.1	21.9	10.7	326.8	-400.1	149.7
1134	ok	0.15	0.3	1.49e-03	7.7	7.7	7.7	7.7	9.2	15.3	-15.1	259.7	1073.0	-466.2
1135	ok	0.15	0.5	2.95e-02	7.7	7.7	7.7	7.7	-36.0	60.1	-12.0	1369.1	1672.7	-371.0
1136	ok	0.15	0.1	4.57e-03	7.7	7.7	7.7	7.7	-4.8	17.3	13.4	449.6	-273.0	244.3
1137	ok	0.15	0.2	4.44e-03	7.7	7.7	7.7	7.7	-9.8	23.1	7.0	179.3	-576.9	175.2
1138	ok	0.15	0.3	4.76e-05	7.7	7.7	7.7	7.7	7.7	10.2	-7.0	307.2	1110.2	-232.3
1139	ok	0.15	0.2	1.13e-03	7.7	7.7	7.7	7.7	10.8	5.8	-9.5	179.7	746.5	-51.1

1140	ok	0.15	0.4	1.28e-03	7.7	7.7	7.7	7.7	3.5	14.3	-10.8	-292.6	-1128.1	551.8
1141	ok	0.15	0.4	1.26e-03	7.7	7.7	7.7	7.7	1.2	15.7	-9.0	-315.7	-1243.0	589.8
1142	ok	0.15	0.3	1.51e-03	7.7	7.7	7.7	7.7	5.3	12.3	-12.0	-253.8	-958.4	493.5
1143	ok	0.15	7.37e-02	2.27e-03	7.7	7.7	7.7	7.7	10.4	6.0	-13.1	-39.4	-95.7	223.2
1144	ok	0.15	8.65e-02	2.01e-03	7.7	7.7	7.7	7.7	11.2	3.2	-11.5	55.7	324.8	101.4
1145	ok	0.15	0.2	2.16e-03	7.7	7.7	7.7	7.7	9.0	7.6	-13.3	-124.8	-439.1	328.6
1146	ok	0.15	0.2	1.83e-03	7.7	7.7	7.7	7.7	7.3	10.1	-13.1	-199.0	-732.5	418.9
1147	ok	0.15	0.4	1.50e-03	7.7	7.7	7.7	7.7	-1.3	17.3	-7.0	-319.4	-1303.5	607.1
1148	ok	0.15	0.4	2.78e-03	7.7	7.7	7.7	7.7	-6.5	20.0	-2.9	-259.7	-1265.2	572.1
1149	ok	0.15	0.3	3.83e-03	7.7	7.7	7.7	7.7	-9.4	21.1	-0.6	-189.6	-1164.5	514.4
1150	ok	0.15	0.3	4.88e-03	7.7	7.7	7.7	7.7	-11.9	22.2	1.9	-85.5	-996.2	418.3
1151	ok	0.15	0.4	1.93e-03	7.7	7.7	7.7	7.7	-3.5	19.4	-5.4	-300.0	-1310.4	600.9
1152	ok	0.15	0.2	5.22e-03	7.7	7.7	7.7	7.7	-12.1	24.1	3.9	49.2	-775.7	289.3
1153	ok	0.15	0.2	4.67e-03	7.7	7.7	7.7	7.7	2.6	22.3	12.4	549.3	-70.8	291.3
1154	ok	0.15	9.92e-02	3.15e-03	7.7	7.7	7.7	7.7	3.7	21.7	12.3	388.2	-351.5	108.4
1155	ok	0.15	0.1	3.78e-03	7.7	7.7	7.7	7.7	-8.4	21.7	5.0	182.1	-532.5	79.9

Nodo	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
	0.15	0.89	0.04	7.70	7.70	7.70	7.70	-107.92	-24.58	-27.91	-430.57	-1362.27	-606.91
								24.30	138.29	27.68	4116.64	2189.65	663.59

Nodo	Stato	Max tau daN/cm2	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr daN/cm	V sec daN/cm
46	ok	4.36						
62	ok	0.0						
971	ok	0.21						
981	ok	0.76						
982	ok	1.80						
983	ok	4.36						
1061	ok	3.11						
1062	ok	1.73						
1063	ok	1.10						
1064	ok	0.69						
1065	ok	0.37						
1066	ok	0.27						
1067	ok	0.60						
1068	ok	1.08						
1069	ok	1.89						
1070	ok	0.73						
1071	ok	0.86						
1072	ok	0.80						
1073	ok	0.57						
1074	ok	0.30						
1075	ok	0.14						
1076	ok	0.42						
1077	ok	0.66						
1078	ok	0.62						
1079	ok	1.12						
1080	ok	1.92						
1081	ok	0.0						
1082	ok	0.0						
1083	ok	1.43						
1084	ok	0.82						
1085	ok	0.41						
1086	ok	0.25						
1087	ok	0.52						
1088	ok	0.88						
1089	ok	1.36						
1090	ok	2.25						
1091	ok	4.36						
1092	ok	0.51						
1093	ok	0.84						
1094	ok	0.86						
1095	ok	0.70						
1096	ok	0.44						
1097	ok	0.15						
1098	ok	0.29						
1099	ok	0.54						
1100	ok	0.66						
1101	ok	0.68						
1102	ok	0.61						
1103	ok	0.48						
1104	ok	0.33						
1105	ok	0.18						
1106	ok	0.15						

1107	ok	0.30
1108	ok	0.44
1109	ok	0.57
1110	ok	0.71
1111	ok	0.85
1112	ok	0.96
1113	ok	1.02
1114	ok	1.02
1115	ok	1.01
1116	ok	3.11
1117	ok	2.25
1118	ok	1.73
1119	ok	1.36
1120	ok	1.10
1121	ok	0.88
1122	ok	0.69
1123	ok	0.52
1124	ok	0.37
1125	ok	0.25
1126	ok	0.27
1127	ok	0.41
1128	ok	0.60
1129	ok	0.82
1130	ok	1.08
1131	ok	1.43
1132	ok	1.80
1133	ok	1.14
1134	ok	0.92
1135	ok	4.36
1136	ok	1.89
1137	ok	0.99
1138	ok	1.73
1139	ok	1.52
1140	ok	0.46
1141	ok	0.31
1142	ok	0.61
1143	ok	1.13
1144	ok	1.32
1145	ok	0.95
1146	ok	0.78
1147	ok	0.19
1148	ok	0.36
1149	ok	0.53
1150	ok	0.70
1151	ok	0.22
1152	ok	0.84
1153	ok	0.0
1154	ok	1.92
1155	ok	1.12

Nodo	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
	4.36						

Nodo	Stato	V 6.47	V 6.53	Beta	f. a fon	f. Uout	Aw tot cm2	Asw,min cm2	n. x serie	n.ser 0(R)	n.ser 90	Rif. cmb
62	ok	0.36	0.14	1.35	0.0	0.0	0.0	0.0	0	0	0	8

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
12	20.00	159	4	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+Af	sec-Af	sec+	N x daN/cm	N y daN/cm	N xy daN/cm	M x daN	M y daN	M xy daN
69	ok	0.15	0.9	6.46e-02	7.7	7.7	7.7	7.7	79.8	-144.1	-57.0	2061.4	2259.8	1992.2
855	ok	0.15	0.2	3.17e-02	7.7	7.7	7.7	7.7	0.5	-77.1	0.9	9.8	822.5	-293.4
866	ok	0.15	0.3	1.72e-02	7.7	7.7	7.7	7.7	4.3	-26.8	21.9	272.2	812.1	-519.3
1156	ok	0.15	0.3	1.50e-02	7.7	7.7	7.7	7.7	14.9	13.3	21.0	830.0	1246.4	146.5
1157	ok	0.15	0.2	0.0	7.7	7.7	7.7	7.7	16.0	13.8	6.6	-640.7	374.5	-85.2
1158	ok	0.15	0.4	0.0	7.7	7.7	7.7	7.7	14.1	4.2	2.9	-1617.3	22.4	-134.8

1159	ok	0.15	0.6	0.0	7.7	7.7	7.7	7.7	12.2	0.9	2.8	-2273.7	-108.5	-143.9
1160	ok	0.15	0.7	2.27e-04	7.7	7.7	7.7	7.7	10.5	0.3	3.0	-2656.3	-153.3	-131.0
1161	ok	0.15	0.7	3.01e-04	7.7	7.7	7.7	7.7	8.9	0.2	3.0	-2775.7	-166.7	-102.9
1162	ok	0.15	0.6	3.56e-04	7.7	7.7	7.7	7.7	7.2	0.2	2.9	-2633.8	-166.1	-61.8
1163	ok	0.15	0.5	4.83e-04	7.7	7.7	7.7	7.7	5.6	-9.20e-02	2.7	-2230.3	-154.2	-9.9
1164	ok	0.15	0.4	9.58e-04	7.7	7.7	7.7	7.7	3.9	-1.5	2.4	-1565.2	-121.8	50.3
1165	ok	0.15	0.2	2.49e-03	7.7	7.7	7.7	7.7	2.3	-5.6	2.4	-629.7	-45.7	117.9
1166	ok	0.15	0.2	4.72e-03	7.7	7.7	7.7	7.7	2.9	-9.3	2.0	605.2	246.3	181.3
1167	ok	0.15	6.34e-03	0.0	7.7	7.7	7.7	7.7	8.8	4.8	2.9	-0.4	-20.7	-11.4
1168	ok	0.15	2.61e-02	9.59e-03	7.7	7.7	7.7	7.7	-23.8	-0.5	-3.6	-111.8	-12.9	7.1
1169	ok	0.15	0.2	2.43e-02	7.7	7.7	7.7	7.7	-61.2	-1.0	-3.7	-795.9	-4.8	-32.1
1170	ok	0.15	0.3	2.67e-02	7.7	7.7	7.7	7.7	-67.5	-0.3	-2.9	-1608.7	1.9	-61.6
1171	ok	0.15	0.5	2.51e-02	7.7	7.7	7.7	7.7	-63.6	-0.1	-2.7	-2239.2	4.6	-86.1
1172	ok	0.15	0.6	2.32e-02	7.7	7.7	7.7	7.7	-58.9	-0.1	-2.5	-2608.1	4.7	-108.8
1173	ok	0.15	0.6	2.15e-02	7.7	7.7	7.7	7.7	-54.5	-9.84e-02	-2.3	-2706.7	3.9	-125.9
1174	ok	0.15	0.6	1.98e-02	7.7	7.7	7.7	7.7	-50.2	-9.12e-02	-2.1	-2536.4	3.0	-133.1
1175	ok	0.15	0.5	1.81e-02	7.7	7.7	7.7	7.7	-45.8	-6.80e-02	-1.9	-2098.0	2.4	-127.0
1176	ok	0.15	0.3	1.65e-02	7.7	7.7	7.7	7.7	-41.8	8.21e-03	-1.8	-1389.4	2.1	-103.6
1177	ok	0.15	9.62e-02	1.65e-02	7.7	7.7	7.7	7.7	-41.7	0.1	-2.2	-418.8	0.3	-58.1
1178	ok	0.15	0.2	2.08e-02	7.7	7.7	7.7	7.7	-52.6	-0.2	-3.3	703.2	-9.8	-40.3
1179	ok	0.15	0.3	2.27e-02	7.7	7.7	7.7	7.7	-57.6	-1.0	-0.9	1331.7	-17.8	-126.5
1180	ok	0.15	5.91e-03	0.0	7.7	7.7	7.7	7.7	2.3	2.4	-1.3	-22.6	-5.8	5.6
1181	ok	0.15	0.3	1.63e-02	7.7	7.7	7.7	7.7	-41.3	-1.0	1.9	1232.5	-10.2	-185.9
1182	ok	0.15	0.2	4.35e-03	7.7	7.7	7.7	7.7	-10.8	0.8	1.8	659.5	-18.1	-153.3
1183	ok	0.15	0.3	8.96e-02	7.7	7.7	7.7	7.7	-136.7	-151.5	66.7	-1058.3	324.1	-486.5
1184	ok	0.15	5.53e-02	6.61e-03	7.7	7.7	7.7	7.7	70.1	24.9	17.4	-102.0	168.3	-34.2
1185	ok	0.15	9.01e-03	3.14e-03	7.7	7.7	7.7	7.7	-7.7	4.88e-02	0.2	23.3	-10.2	25.1
1186	ok	0.15	9.05e-02	1.87e-02	7.7	7.7	7.7	7.7	-47.1	-1.3	-4.2	-404.8	-8.9	-12.3
1187	ok	0.15	0.3	2.65e-02	7.7	7.7	7.7	7.7	-66.8	-0.6	-3.2	-1213.6	-1.0	-48.1
1188	ok	0.15	0.4	2.60e-02	7.7	7.7	7.7	7.7	-65.9	-0.2	-2.8	-1954.6	3.7	-74.0
1189	ok	0.15	0.5	2.41e-02	7.7	7.7	7.7	7.7	-61.2	-0.1	-2.6	-2457.6	4.9	-97.9
1190	ok	0.15	0.6	2.23e-02	7.7	7.7	7.7	7.7	-56.6	-9.99e-02	-2.4	-2691.1	4.4	-118.3
1191	ok	0.15	0.6	2.06e-02	7.7	7.7	7.7	7.7	-52.4	-9.52e-02	-2.2	-2655.0	3.5	-130.9
1192	ok	0.15	0.5	1.89e-02	7.7	7.7	7.7	7.7	-48.0	-8.37e-02	-2.0	-2350.9	2.7	-132.0
1193	ok	0.15	0.4	1.72e-02	7.7	7.7	7.7	7.7	-43.7	-4.02e-02	-1.8	-1777.6	2.3	-117.8
1194	ok	0.15	0.2	1.61e-02	7.7	7.7	7.7	7.7	-40.8	7.89e-02	-1.8	-934.2	1.7	-84.8
1195	ok	0.15	3.84e-02	1.81e-02	7.7	7.7	7.7	7.7	-45.6	0.1	-2.8	147.7	-3.7	-44.1
1196	ok	0.15	0.3	2.32e-02	7.7	7.7	7.7	7.7	-58.7	-1.0	-3.1	1136.8	-13.2	-60.3
1197	ok	0.15	0.1	4.24e-03	7.7	7.7	7.7	7.7	0.9	-10.0	1.8	-34.1	509.0	-210.0
1198	ok	0.15	0.3	1.80e-02	7.7	7.7	7.7	7.7	-0.6	-43.6	2.8	-69.0	1032.8	-382.6
1200	ok	0.15	4.13e-02	3.70e-03	7.7	7.7	7.7	7.7	2.0	-8.2	2.4	-70.2	49.2	147.7
1201	ok	0.15	0.3	1.54e-03	7.7	7.7	7.7	7.7	3.1	-3.1	2.4	-1132.5	-90.1	80.3
1202	ok	0.15	0.5	6.40e-04	7.7	7.7	7.7	7.7	4.8	-0.6	2.6	-1930.4	-141.9	19.4
1203	ok	0.15	0.6	4.02e-04	7.7	7.7	7.7	7.7	6.4	0.1	2.8	-2464.8	-161.8	-37.1
1204	ok	0.15	0.7	3.26e-04	7.7	7.7	7.7	7.7	8.1	0.2	3.0	-2737.4	-167.7	-83.9
1205	ok	0.15	0.7	2.73e-04	7.7	7.7	7.7	7.7	9.7	0.2	3.1	-2748.7	-162.4	-118.6
1206	ok	0.15	0.6	1.33e-04	7.7	7.7	7.7	7.7	11.4	0.4	2.9	-2498.1	-136.9	-139.6
1207	ok	0.15	0.5	0.0	7.7	7.7	7.7	7.7	13.1	2.0	2.7	-1981.6	-60.4	-142.8
1208	ok	0.15	0.3	0.0	7.7	7.7	7.7	7.7	15.1	8.0	3.9	-1174.6	157.5	-116.9
1209	ok	0.15	0.2	0.0	7.7	7.7	7.7	7.7	15.6	17.8	12.1	25.7	749.8	8.7
1210	ok	0.15	0.6	2.12e-02	7.7	7.7	7.7	7.7	49.3	-10.3	0.9	1762.1	1742.9	576.7
1211	ok	0.15	0.3	5.89e-02	7.7	7.7	7.7	7.7	-31.9	-28.7	-23.1	383.2	957.0	599.9
1212	ok	0.15	0.1	2.55e-02	7.7	7.7	7.7	7.7	-55.6	45.9	-18.9	371.7	473.3	-20.2
1213	ok	0.15	0.1	1.40e-02	7.7	7.7	7.7	7.7	-35.2	19.8	-5.0	-158.7	348.7	-170.7
1214	ok	0.15	0.2	8.47e-03	7.7	7.7	7.7	7.7	-21.1	14.5	-1.5	-689.4	243.9	-199.2
1215	ok	0.15	0.3	6.05e-03	7.7	7.7	7.7	7.7	-15.1	8.1	0.5	-1180.7	141.7	-192.6
1216	ok	0.15	0.4	5.19e-03	7.7	7.7	7.7	7.7	-13.1	3.9	1.5	-1604.6	62.9	-179.9
1217	ok	0.15	0.5	5.01e-03	7.7	7.7	7.7	7.7	-12.4	1.7	2.1	-1960.1	6.6	-167.8
1218	ok	0.15	0.5	5.05e-03	7.7	7.7	7.7	7.7	-12.4	0.6	2.4	-2248.2	-32.4	-156.5
1219	ok	0.15	0.6	5.11e-03	7.7	7.7	7.7	7.7	-12.5	0.3	2.5	-2469.3	-57.8	-145.8
1220	ok	0.15	0.6	5.13e-03	7.7	7.7	7.7	7.7	-12.5	0.2	2.6	-2624.1	-73.8	-134.8
1221	ok	0.15	0.6	5.13e-03	7.7	7.7	7.7	7.7	-12.5	0.2	2.6	-2713.0	-83.6	-122.2
1222	ok	0.15	0.6	5.11e-03	7.7	7.7	7.7	7.7	-12.5	0.2	2.6	-2734.1	-90.7	-108.7
1223	ok	0.15	0.6	5.07e-03	7.7	7.7	7.7	7.7	-12.4	0.3	2.6	-2691.3	-92.2	-94.7
1224	ok	0.15	0.6	5.04e-03	7.7	7.7	7.7	7.7	-12.3	0.3	2.6	-2583.0	-90.8	-77.9
1225	ok	0.15	0.6	5.02e-03	7.7	7.7	7.7	7.7	-12.2	0.2	2.6	-2409.2	-86.2	-58.1
1226	ok	0.15	0.5	5.00e-03	7.7	7.7	7.7	7.7	-12.2	5.60e-02	2.5	-2169.7	-77.8	-34.8
1227	ok	0.15	0.4	4.97e-03	7.7	7.7	7.7	7.7	-12.2	-0.4	2.3	-1864.6	-64.4	-7.5
1228	ok	0.15	0.4	4.87e-03	7.7	7.7	7.7	7.7	-12.0	-1.2	2.1	-1497.1	-39.9	40.7
1229	ok	0.15	0.3	4.43e-03	7.7	7.7	7.7	7.7	-10.9	-2.8	1.7	-1060.8	-10.3	82.0
1230	ok	0.15	0.1	3.77e-03	7.7	7.7	7.7	7.7	-9.3	-5.0	0.7	-549.2	37.2	136.7
1231	ok	0.15	6.38e-02	3.34e-03	7.7	7.7	7.7	7.7	-6.2	-6.7	-1.1	21.4	111.6	195.2
1232	ok	0.15	0.2	3.99e-03	7.7	7.7	7.7	7.7	-0.5	-5.6	-4.9	719.9	229.8	279.8
1236	ok	0.15	0.4	1.51e-02	7.7	7.7	7.7	7.7	0.4	-17.5	25.3	372.2	833.0	-1065.7
1237	ok	0.15	6.37e-02	3.22e-02	7.7	7.7	7.7	7.7	-49.7	-50.7	-28.5	116.4	202.1	133.4
1238	ok	0.15	2.32e-02	2.04e-02	7.7	7.7	7.7	7.7	-29.0	-0.2	-24.0	-2.7	94.4	11.0
1239	ok	0.15	7.77e-02	1.86e-02	7.7	7.7	7.7	7.7	-39.8	6.0	-19.0	-323.2	58.7	-95.1

1240	ok	0.15	0.2	1.67e-02	7.7	7.7	7.7	7.7	-40.3	5.5	-10.1	-749.3	55.9	-128.9
1241	ok	0.15	0.3	1.58e-02	7.7	7.7	7.7	7.7	-39.8	3.3	-4.3	-1189.7	44.8	-133.9
1242	ok	0.15	0.4	1.54e-02	7.7	7.7	7.7	7.7	-39.2	1.6	-1.2	-1595.7	27.9	-128.8
1243	ok	0.15	0.4	1.52e-02	7.7	7.7	7.7	7.7	-38.5	0.7	0.2	-1946.0	10.4	-122.8
1244	ok	0.15	0.5	1.48e-02	7.7	7.7	7.7	7.7	-37.7	0.3	0.7	-2232.6	-4.9	-119.1
1245	ok	0.15	0.6	1.45e-02	7.7	7.7	7.7	7.7	-36.8	0.1	0.8	-2452.5	-16.9	-117.8
1246	ok	0.15	0.6	1.41e-02	7.7	7.7	7.7	7.7	-35.7	8.64e-02	0.8	-2605.4	-25.6	-117.6
1247	ok	0.15	0.6	1.37e-02	7.7	7.7	7.7	7.7	-34.7	0.1	0.8	-2691.2	-31.4	-117.7
1248	ok	0.15	0.6	1.32e-02	7.7	7.7	7.7	7.7	-33.6	0.1	0.9	-2711.9	-33.4	-118.2
1249	ok	0.15	0.6	1.28e-02	7.7	7.7	7.7	7.7	-32.5	0.2	0.9	-2664.5	-34.9	-118.2
1250	ok	0.15	0.6	1.24e-02	7.7	7.7	7.7	7.7	-31.4	0.2	1.0	-2550.6	-34.7	-115.7
1251	ok	0.15	0.5	1.20e-02	7.7	7.7	7.7	7.7	-30.4	0.2	1.0	-2370.3	-32.6	-109.7
1252	ok	0.15	0.5	1.16e-02	7.7	7.7	7.7	7.7	-29.4	0.1	1.0	-2123.6	-28.4	-99.2
1253	ok	0.15	0.4	1.12e-02	7.7	7.7	7.7	7.7	-28.4	-4.46e-02	0.9	-1810.0	-21.7	-83.1
1254	ok	0.15	0.3	1.09e-02	7.7	7.7	7.7	7.7	-27.7	-0.4	0.4	-1428.8	-12.2	-60.6
1255	ok	0.15	0.2	1.06e-02	7.7	7.7	7.7	7.7	-27.0	-1.0	-0.7	-979.3	-0.6	-30.1
1256	ok	0.15	0.1	1.06e-02	7.7	7.7	7.7	7.7	-25.8	-2.3	-2.6	-467.3	17.7	27.4
1257	ok	0.15	3.58e-02	1.07e-02	7.7	7.7	7.7	7.7	-25.1	-2.8	-5.4	115.0	18.4	71.9
1258	ok	0.15	0.2	1.12e-02	7.7	7.7	7.7	7.7	-26.0	7.84e-02	-8.0	764.6	-33.3	87.6
1259	ok	0.15	0.3	1.19e-02	7.7	7.7	7.7	7.7	-27.6	5.2	-4.6	1328.7	-88.2	-78.8
1260	ok	0.15	0.4	1.37e-02	7.7	7.7	7.7	7.7	-28.5	8.8	5.4	1658.0	-131.2	-294.6
1261	ok	0.15	0.4	1.31e-02	7.7	7.7	7.7	7.7	-19.8	6.4	20.6	1404.9	99.7	-518.2
1262	ok	0.15	0.2	1.10e-02	7.7	7.7	7.7	7.7	-8.8	-8.0	19.6	560.0	338.3	-617.1

Nodo	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
	0.15	2.15	0.09	7.70	7.70	7.70	7.70	-136.67 109.69	-151.46 101.78	-56.99 66.65	-2775.75 6934.76	-431.57 2259.80	-1119.31 1992.16

Nodo	Stato	Max tau daN/cm2	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr daN/cm	V sec daN/cm
38	ok	4.68						
69	ok	0.0						
855	ok	0.83						
865	ok	4.68						
866	ok	2.22						
1156	ok	3.04						
1157	ok	1.80						
1158	ok	1.16						
1159	ok	0.74						
1160	ok	0.42						
1161	ok	0.21						
1162	ok	0.43						
1163	ok	0.71						
1164	ok	1.04						
1165	ok	1.46						
1166	ok	2.64						
1167	ok	0.29						
1168	ok	0.69						
1169	ok	0.90						
1170	ok	0.86						
1171	ok	0.62						
1172	ok	0.34						
1173	ok	0.12						
1174	ok	0.40						
1175	ok	0.70						
1176	ok	0.99						
1177	ok	1.21						
1178	ok	1.20						
1179	ok	0.62						
1180	ok	0.78						
1181	ok	0.69						
1182	ok	0.78						
1183	ok	0.0						
1184	ok	0.78						
1185	ok	0.45						
1186	ok	0.86						
1187	ok	0.90						
1188	ok	0.75						
1189	ok	0.48						
1190	ok	0.20						
1191	ok	0.26						
1192	ok	0.55						
1193	ok	0.84						
1194	ok	1.12						
1195	ok	1.21						

1196	ok	1.00
1197	ok	0.78
1198	ok	0.83
1199	ok	4.35
1200	ok	1.83
1201	ok	1.23
1202	ok	0.87
1203	ok	0.57
1204	ok	0.30
1205	ok	0.29
1206	ok	0.57
1207	ok	0.93
1208	ok	1.43
1209	ok	2.30
1210	ok	0.0
1211	ok	0.0
1212	ok	3.04
1213	ok	2.30
1214	ok	1.80
1215	ok	1.43
1216	ok	1.16
1217	ok	0.93
1218	ok	0.74
1219	ok	0.57
1220	ok	0.42
1221	ok	0.29
1222	ok	0.21
1223	ok	0.30
1224	ok	0.43
1225	ok	0.57
1226	ok	0.71
1227	ok	0.87
1228	ok	1.04
1229	ok	1.23
1230	ok	1.46
1231	ok	1.83
1232	ok	2.64
1233	ok	4.35
1234	ok	4.68
1235	ok	4.68
1236	ok	2.22
1237	ok	1.22
1238	ok	1.22
1239	ok	1.21
1240	ok	1.17
1241	ok	1.09
1242	ok	0.96
1243	ok	0.82
1244	ok	0.66
1245	ok	0.51
1246	ok	0.37
1247	ok	0.23
1248	ok	0.15
1249	ok	0.26
1250	ok	0.40
1251	ok	0.55
1252	ok	0.70
1253	ok	0.84
1254	ok	0.99
1255	ok	1.14
1256	ok	1.29
1257	ok	1.44
1258	ok	1.53
1259	ok	1.57
1260	ok	1.57
1261	ok	1.43
1262	ok	1.12

Nodo			Max tau 4.68	Ver V pr		Ver V sec	Af V pr		Af V sec	V pr		V sec
Nodo	Stato	V 6.47	V 6.53	Beta	f. a fon	f. Uout	Aw tot cm2	Asw,min cm2	n. x serie	n.ser 0(R)	n.ser 90	Rif. cmb
69	ok	0.45	0.17	1.49	0.0	0.0	0.0	0.0	0	0	0	8

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
13	20.00	159	4	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x daN/cm	N y daN/cm	N xy daN/cm	M x daN	M y daN	M xy daN
30	ok	0.15	0.6	3.35e-02	7.7	7.7	7.7	7.7	-71.8	77.3	-36.2	1062.3	1247.8	1370.8
1264	ok	0.15	0.2	6.61e-02	7.7	7.7	7.7	7.7	-36.1	-161.0	28.5	758.4	59.9	-194.5
1265	ok	0.15	9.27e-02	5.80e-02	7.7	7.7	7.7	7.7	-7.9	-125.3	29.0	242.4	-427.1	-128.6
1266	ok	0.15	0.2	5.00e-02	7.7	7.7	7.7	7.7	1.6	-104.5	34.2	86.5	-715.7	-109.8
1267	ok	0.15	0.2	4.18e-02	7.7	7.7	7.7	7.7	4.4	-82.5	37.6	39.3	-828.0	-97.4
1268	ok	0.15	0.2	3.37e-02	7.7	7.7	7.7	7.7	6.0	-59.8	39.4	43.1	-762.6	-79.9
1269	ok	0.15	0.1	2.55e-02	7.7	7.7	7.7	7.7	10.0	-36.8	39.6	109.0	-511.8	-51.6
1270	ok	0.15	8.16e-02	1.66e-02	7.7	7.7	7.7	7.7	21.9	-14.0	39.3	321.0	-45.9	-4.4
1271	ok	0.15	0.3	3.02e-02	7.7	7.7	7.7	7.7	10.6	-15.4	62.8	848.2	754.8	106.8
1273	ok	0.15	3.28e-03	0.0	7.7	7.7	7.7	7.7	3.1	8.0	2.0	-7.9	-1.7	-8.0
1276	ok	0.15	0.2	0.0	7.7	7.7	7.7	7.7	2.1	330.1	24.0	4.1	-268.8	24.0
1277	ok	0.15	0.4	0.0	7.7	7.7	7.7	7.7	1.8	298.6	22.2	0.6	-667.4	-53.9
1278	ok	0.15	0.4	4.93e-06	7.7	7.7	7.7	7.7	1.4	228.1	17.2	0.3	-840.7	-72.0
1279	ok	0.15	0.3	1.92e-05	7.7	7.7	7.7	7.7	1.0	156.8	12.3	1.6	-803.8	-61.1
1280	ok	0.15	0.2	9.19e-05	7.7	7.7	7.7	7.7	0.5	85.1	7.4	2.1	-570.7	-37.3
1281	ok	0.15	4.64e-02	3.58e-04	7.7	7.7	7.7	7.7	-0.4	20.3	2.5	1.67e-03	-184.0	-6.3
1282	ok	0.15	3.74e-02	3.78e-03	7.7	7.7	7.7	7.7	-2.5	-7.1	-2.1	-0.4	146.4	39.4
1283	ok	0.15	5.30e-02	7.09e-03	7.7	7.7	7.7	7.7	-8.7	-13.6	-3.5	190.4	8.5	84.2
1284	ok	0.15	0.1	7.92e-02	7.7	7.7	7.7	7.7	-105.6	-127.9	54.0	330.0	-601.2	-173.7
1285	ok	0.15	0.4	2.31e-02	7.7	7.7	7.7	7.7	36.5	50.5	20.9	1089.7	1250.3	383.6
1286	ok	0.15	0.1	1.39e-02	7.7	7.7	7.7	7.7	28.8	-5.5	37.6	538.7	297.6	41.2
1287	ok	0.15	7.31e-02	2.10e-02	7.7	7.7	7.7	7.7	14.6	-25.2	39.3	187.4	-309.7	-31.3
1288	ok	0.15	0.2	2.97e-02	7.7	7.7	7.7	7.7	7.4	-48.4	39.7	65.2	-661.3	-67.4
1289	ok	0.15	0.2	3.78e-02	7.7	7.7	7.7	7.7	5.1	-71.2	38.7	35.5	-817.8	-89.7
1290	ok	0.15	0.2	4.59e-02	7.7	7.7	7.7	7.7	3.4	-93.6	36.1	55.1	-793.8	-103.7
1291	ok	0.15	0.1	5.40e-02	7.7	7.7	7.7	7.7	-1.8	-114.9	31.8	144.1	-593.6	-116.3
1292	ok	0.15	0.1	6.21e-02	7.7	7.7	7.7	7.7	-19.5	-150.1	30.2	440.5	-197.9	-152.3
1293	ok	0.15	0.3	6.97e-02	7.7	7.7	7.7	7.7	-53.0	-168.7	30.4	1384.7	400.2	-265.0
1300	ok	0.15	0.4	0.0	7.7	7.7	7.7	7.7	1.9	301.7	22.2	1.8	-503.2	-29.2
1301	ok	0.15	0.4	0.0	7.7	7.7	7.7	7.7	1.6	263.5	19.7	0.1	-781.6	-68.0
1302	ok	0.15	0.3	1.01e-05	7.7	7.7	7.7	7.7	1.2	192.5	14.8	0.9	-847.5	-68.9
1303	ok	0.15	0.2	4.14e-05	7.7	7.7	7.7	7.7	0.8	120.8	9.9	2.1	-710.8	-50.2
1304	ok	0.15	0.1	1.92e-04	7.7	7.7	7.7	7.7	0.2	50.6	5.0	1.4	-389.8	-22.7
1305	ok	0.15	8.03e-03	7.47e-04	7.7	7.7	7.7	7.7	-1.3	-1.9	0.1	-0.6	20.2	21.0
1306	ok	0.15	3.44e-02	2.86e-03	7.7	7.7	7.7	7.7	8.29e-02	0.8	0.6	-5.8	134.4	32.4
1307	ok	0.15	0.2	7.32e-02	7.7	7.7	7.7	7.7	-3.3	-12.6	-2.9	572.9	427.4	543.3
1308	ok	0.15	7.50e-02	2.78e-02	7.7	7.7	7.7	7.7	-28.4	-56.1	-14.0	150.2	176.6	177.4
1309	ok	0.15	0.1	2.50e-02	7.7	7.7	7.7	7.7	68.2	-40.5	9.0	306.9	464.5	55.5
1310	ok	0.15	5.69e-02	8.68e-03	7.7	7.7	7.7	7.7	10.7	-20.1	-1.8	55.6	219.5	64.9
1311	ok	0.15	6.42e-02	1.68e-02	7.7	7.7	7.7	7.7	31.7	-22.0	32.8	241.2	185.0	-42.7
1312	ok	0.15	1.85e-02	7.34e-03	7.7	7.7	7.7	7.7	12.1	-9.8	15.0	37.8	75.5	-9.7
1313	ok	0.15	4.44e-02	1.64e-02	7.7	7.7	7.7	7.7	19.6	-10.0	40.5	167.9	-98.3	-63.4
1314	ok	0.15	3.96e-02	8.27e-03	7.7	7.7	7.7	7.7	8.8	6.4	26.1	33.7	-148.6	-39.0
1315	ok	0.15	8.69e-02	1.76e-02	7.7	7.7	7.7	7.7	12.9	-3.2	44.6	104.4	-341.0	-68.5
1316	ok	0.15	9.57e-02	8.51e-03	7.7	7.7	7.7	7.7	6.9	23.5	32.8	23.7	-365.9	-50.7
1317	ok	0.15	0.1	1.85e-02	7.7	7.7	7.7	7.7	9.3	1.0	47.0	58.9	-535.1	-72.5
1318	ok	0.15	0.1	7.72e-03	7.7	7.7	7.7	7.7	5.7	41.7	36.5	11.8	-552.4	-57.7
1319	ok	0.15	0.2	1.86e-02	7.7	7.7	7.7	7.7	7.6	4.7	48.2	29.4	-681.3	-77.2
1320	ok	0.15	0.2	6.62e-03	7.7	7.7	7.7	7.7	5.3	60.6	38.7	1.7	-695.8	-64.6
1321	ok	0.15	0.2	1.83e-02	7.7	7.7	7.7	7.7	6.8	8.3	48.8	13.3	-780.2	-82.3
1322	ok	0.15	0.2	5.58e-03	7.7	7.7	7.7	7.7	5.2	79.5	40.6	-4.1	-792.9	-72.8
1323	ok	0.15	0.2	1.77e-02	7.7	7.7	7.7	7.7	6.5	12.0	49.0	9.1	-832.6	-86.4
1324	ok	0.15	0.3	4.73e-03	7.7	7.7	7.7	7.7	5.2	99.0	41.8	-4.9	-841.1	-79.8
1325	ok	0.15	0.2	1.69e-02	7.7	7.7	7.7	7.7	6.2	15.7	48.9	16.5	-839.3	-88.3
1326	ok	0.15	0.3	4.07e-03	7.7	7.7	7.7	7.7	5.2	118.4	42.9	0.7	-840.9	-82.0
1327	ok	0.15	0.2	1.62e-02	7.7	7.7	7.7	7.7	5.7	19.3	48.5	37.9	-800.7	-86.5
1328	ok	0.15	0.3	3.56e-03	7.7	7.7	7.7	7.7	5.2	137.5	43.9	15.1	-791.7	-75.1
1329	ok	0.15	0.2	1.55e-02	7.7	7.7	7.7	7.7	4.4	22.1	47.6	79.9	-716.7	-78.4
1330	ok	0.15	0.2	3.20e-03	7.7	7.7	7.7	7.7	5.0	156.5	44.1	46.0	-696.6	-51.8
1331	ok	0.15	0.2	1.49e-02	7.7	7.7	7.7	7.7	2.0	25.4	45.9	150.9	-587.0	-62.4
1332	ok	0.15	0.2	3.00e-03	7.7	7.7	7.7	7.7	4.0	174.4	43.9	94.7	-547.5	-13.2
1333	ok	0.15	0.1	1.46e-02	7.7	7.7	7.7	7.7	-3.1	29.2	43.2	268.6	-410.4	-33.4
1334	ok	0.15	0.1	3.21e-03	7.7	7.7	7.7	7.7	1.9	217.8	47.5	193.9	-307.7	79.9
1335	ok	0.15	0.1	1.51e-02	7.7	7.7	7.7	7.7	-13.3	42.2	44.0	500.4	-163.2	49.1
1337	ok	0.15	0.2	1.76e-02	7.7	7.7	7.7	7.7	-29.1	56.6	35.7	821.2	116.6	166.7
1339	ok	0.15	0.3	2.43e-02	7.7	7.7	7.7	7.7	-48.0	81.7	19.6	1311.9	466.7	333.7

Nodo	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
	0.15	49.70	0.13	7.70	7.70	7.70	7.70	-154.68 599.74	-174.60 464.59	-135.88 80.08	-70.27 8714.82	-847.53 2911.91	-1341.27 1370.82

Nodo	Stato	Max tau daN/cm2	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr daN/cm	V sec daN/cm
22	ok Av	7.05	0.31	0.13	8.9	3.7	108.0	45.0
30	ok	1.88						
1263	ok	4.29						
1264	ok	1.64						
1265	ok	0.76						
1266	ok	0.36						
1267	ok	0.11						
1268	ok	0.23						
1269	ok	0.49						
1270	ok	0.91						
1271	ok	1.81						
1272	ok	3.38						
1273	ok	0.26						
1274	ok	1.22						
1275	ok	0.90						
1276	ok	0.63						
1277	ok	0.35						
1278	ok	0.13						
1279	ok	0.18						
1280	ok	0.35						
1281	ok	0.40						
1282	ok	0.31						
1283	ok	0.52						
1284	ok	1.88						
1285	ok	1.88						
1286	ok	1.26						
1287	ok	0.67						
1288	ok	0.35						
1289	ok	0.13						
1290	ok	0.22						
1291	ok	0.53						
1292	ok	1.10						
1293	ok	2.57						
1294	ok Av	7.05	0.31	0.13	8.9	3.7	108.0	45.0
1295	ok Av	7.05	0.31	0.13	8.9	3.7	108.0	45.0
1296	ok Av	5.90	0.28	0.01	8.0	0.4	97.8	4.9
1297	ok	3.38						
1298	ok	0.94						
1299	ok	0.78						
1300	ok	0.48						
1301	ok	0.23						
1302	ok	0.09						
1303	ok	0.27						
1304	ok	0.40						
1305	ok	0.39						
1306	ok	0.26						
1307	ok	1.88						
1308	ok	0.77						
1309	ok	1.81						
1310	ok	0.77						
1311	ok	1.26						
1312	ok	0.67						
1313	ok	0.91						
1314	ok	0.59						
1315	ok	0.67						
1316	ok	0.50						
1317	ok	0.49						
1318	ok	0.41						
1319	ok	0.35						
1320	ok	0.31						
1321	ok	0.23						
1322	ok	0.20						
1323	ok	0.13						
1324	ok	0.10						
1325	ok	0.12						
1326	ok	0.13						
1327	ok	0.24						
1328	ok	0.24						

1329	ok	0.38						
1330	ok	0.38						
1331	ok	0.54						
1332	ok	0.54						
1333	ok	0.76						
1334	ok	0.76						
1335	ok	1.10						
1336	ok	1.03						
1337	ok	1.64						
1338	ok	1.39						
1339	ok	2.57						
1340	ok	1.87						
1341	ok	4.29						
1342	ok	2.72						
1343	ok Av	7.05	0.31	0.13	8.9	3.7	108.0	45.0
1344	ok Av	5.90	0.28	0.01	8.0	0.4	97.8	4.9

Nodo	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
	7.05	0.31	0.13	8.87	3.69	107.99	44.97

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
14	20.00	159	4	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
									daN/cm	daN/cm	daN/cm	daN	daN	daN
581	ok	0.15	0.4	3.68e-02	7.7	7.7	7.7	7.7	110.1	-45.6	-98.8	-460.2	-135.0	338.3
582	ok	0.15	0.1	1.14e-02	7.7	7.7	7.7	7.7	67.6	-5.2	-45.8	-286.4	-92.6	193.7
583	ok	0.15	6.48e-02	6.19e-03	7.7	7.7	7.7	7.7	37.2	6.5	-32.5	-188.9	-59.8	86.8
584	ok	0.15	3.88e-02	3.42e-03	7.7	7.7	7.7	7.7	32.9	49.8	-49.3	-150.6	-34.6	-26.4
585	ok	0.15	6.63e-02	2.31e-03	7.7	7.7	7.7	7.7	41.8	28.5	-40.5	-152.9	-43.4	-167.0
586	ok	0.15	0.4	1.99e-02	7.7	7.7	7.7	7.7	103.5	7.4	68.0	-887.8	-131.1	-372.3
1272	ok	0.15	0.3	0.0	7.7	7.7	7.7	7.7	4.9	362.1	21.7	-143.4	-215.9	254.4
1347	ok	0.15	0.1	2.09e-02	7.7	7.7	7.7	7.7	-11.0	-49.9	-11.8	-62.4	-579.9	-133.6
1348	ok	0.15	0.1	8.60e-03	7.7	7.7	7.7	7.7	-0.8	-20.2	-2.9	-5.8	-484.6	-104.4
1349	ok	0.15	0.1	4.12e-03	7.7	7.7	7.7	7.7	-0.3	-9.8	-0.7	-1.4	-424.0	-98.7
1350	ok	0.15	9.39e-02	8.17e-04	7.7	7.7	7.7	7.7	-0.3	-2.0	9.15e-03	1.7	-375.4	-72.1
1351	ok	0.15	8.65e-02	1.45e-04	7.7	7.7	7.7	7.7	-0.3	8.9	0.6	7.4	-348.1	-32.7
1352	ok	0.15	8.66e-02	1.57e-04	7.7	7.7	7.7	7.7	-0.3	23.7	1.5	14.3	-338.5	21.7
1353	ok	0.15	9.41e-02	1.82e-04	7.7	7.7	7.7	7.7	-0.3	42.7	2.7	21.6	-347.0	67.9
1354	ok	0.15	0.1	2.08e-04	7.7	7.7	7.7	7.7	-0.2	66.5	4.2	29.3	-363.8	115.6
1355	ok	0.15	0.1	2.69e-04	7.7	7.7	7.7	7.7	-0.3	95.2	6.2	37.3	-380.4	163.3
1356	ok	0.15	0.1	2.90e-04	7.7	7.7	7.7	7.7	-0.1	129.1	8.7	44.5	-380.6	208.6
1357	ok	0.15	0.1	5.21e-04	7.7	7.7	7.7	7.7	-0.5	170.6	11.7	49.8	-341.2	242.9
1358	ok	0.15	0.1	2.91e-04	7.7	7.7	7.7	7.7	8.11e-02	220.0	13.5	49.7	-216.1	263.4
1359	ok	0.15	0.1	6.64e-04	7.7	7.7	7.7	7.7	0.8	223.9	14.6	30.0	117.1	231.5
1360	ok	0.15	0.2	0.0	7.7	7.7	7.7	7.7	3.2	287.4	13.3	17.5	284.8	281.5
1362	ok	0.15	0.3	8.21e-02	7.7	7.7	7.7	7.7	-127.6	13.7	-134.3	-831.6	-260.7	484.5
1363	ok	0.15	0.2	3.58e-02	7.7	7.7	7.7	7.7	-38.6	-4.6	-67.2	-504.5	-176.9	270.5
1364	ok	0.15	9.48e-02	1.97e-02	7.7	7.7	7.7	7.7	-23.2	14.4	-41.6	-301.8	-100.0	143.1
1365	ok	0.15	5.37e-02	1.15e-02	7.7	7.7	7.7	7.7	-12.5	18.2	-28.1	-206.8	-64.3	42.4
1366	ok	0.15	5.04e-02	1.00e-02	7.7	7.7	7.7	7.7	-18.3	10.3	-16.1	-190.6	-49.6	-67.4
1367	ok	0.15	0.1	1.72e-02	7.7	7.7	7.7	7.7	-43.6	-17.2	-2.6	-274.6	-105.5	-284.1
1373	ok	0.15	0.2	1.26e-02	7.7	7.7	7.7	7.7	-24.0	18.1	-20.1	514.9	-478.1	-242.7
1374	ok	0.15	0.3	1.41e-02	7.7	7.7	7.7	7.7	-26.3	-23.4	10.9	706.3	-399.4	-1160.1
1375	ok	0.15	0.1	4.98e-03	7.7	7.7	7.7	7.7	-8.1	4.2	-7.2	115.6	-464.5	-258.2
1376	ok	0.15	0.2	2.48e-03	7.7	7.7	7.7	7.7	-2.3	11.2	8.0	-72.2	-262.1	-578.5
1377	ok	0.15	0.1	2.64e-03	7.7	7.7	7.7	7.7	-0.8	1.7	-6.9	-61.8	-364.0	-219.0
1378	ok	0.15	0.1	3.44e-03	7.7	7.7	7.7	7.7	4.6	0.8	-11.1	-196.4	-190.6	-336.2
1379	ok	0.15	9.07e-02	2.24e-03	7.7	7.7	7.7	7.7	0.3	8.7	-9.3	-101.7	-309.5	-130.5
1380	ok	0.15	8.23e-02	4.18e-03	7.7	7.7	7.7	7.7	2.3	19.4	-16.5	-197.1	-152.1	-167.4
1381	ok	0.15	7.31e-02	2.33e-03	7.7	7.7	7.7	7.7	0.3	19.4	-12.4	-109.8	-288.4	-30.0
1382	ok	0.15	5.56e-02	4.82e-03	7.7	7.7	7.7	7.7	3.4	24.0	-20.1	-215.8	-149.1	-37.7
1383	ok	0.15	8.34e-02	2.62e-03	7.7	7.7	7.7	7.7	-0.3	30.8	-15.4	-108.5	-288.6	79.5
1384	ok	0.15	7.13e-02	6.53e-03	7.7	7.7	7.7	7.7	3.0	27.9	-27.6	-203.7	-166.2	71.7
1385	ok	0.15	0.1	2.82e-03	7.7	7.7	7.7	7.7	-0.5	45.4	-18.5	-97.9	-303.1	195.0
1386	ok	0.15	0.1	6.69e-03	7.7	7.7	7.7	7.7	4.6	14.2	-26.0	-230.7	-176.1	196.6
1387	ok	0.15	0.1	3.14e-03	7.7	7.7	7.7	7.7	-0.9	63.6	-22.3	-90.4	-328.9	306.2
1388	ok	0.15	0.1	9.50e-03	7.7	7.7	7.7	7.7	9.1	61.5	-53.4	-227.2	-194.0	307.1
1389	ok	0.15	0.2	3.64e-03	7.7	7.7	7.7	7.7	-0.9	87.0	-26.9	-79.1	-357.4	415.2
1390	ok	0.15	0.2	1.06e-02	7.7	7.7	7.7	7.7	6.8	19.8	-39.7	-266.7	-234.9	437.1

1391	ok	0.15	0.2	3.99e-03	7.7	7.7	7.7	7.7	-1.9	116.8	-31.6	-59.1	-376.1	514.6
1392	ok	0.15	0.3	1.62e-02	7.7	7.7	7.7	7.7	12.0	103.0	-87.4	-237.2	-254.8	559.6
1393	ok	0.15	0.3	4.12e-03	7.7	7.7	7.7	7.7	-0.2	152.9	-37.4	-12.6	-359.1	596.9
1394	ok	0.15	0.3	1.66e-02	7.7	7.7	7.7	7.7	10.1	13.4	-54.0	-259.2	-294.5	709.4
1395	ok	0.15	0.3	7.09e-03	7.7	7.7	7.7	7.7	-0.9	192.6	-46.3	77.6	-267.3	631.7
1396	ok	0.15	0.5	2.35e-02	7.7	7.7	7.7	7.7	24.6	200.1	-148.0	-58.8	-237.2	844.4

Nodo	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
	0.15	55.29	0.34	7.70	7.70	7.70	7.70	-800.45	-426.10	-158.30	-9650.36	-7935.71	-1.029e+04
								662.15	531.07	112.65	1.887e+04	7088.84	4315.21

Nodo	Stato	Max tau daN/cm2	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr daN/cm	V sec daN/cm
22	ok Av	9.44	0.16	0.42	4.5	12.1	54.7	146.9
40	ok Av	12.58	0.03	0.59	0.8	17.1	9.6	208.7
580	ok	2.38						
581	ok	0.55						
582	ok	0.33						
583	ok	0.29						
584	ok	0.32						
585	ok	0.39						
586	ok	1.01						
1272	ok	1.07						
1295	ok Av	9.44	0.16	0.42	4.5	12.1	54.7	146.9
1296	ok	3.47						
1345	ok Av	6.65	0.28	0.14	8.2	3.9	99.7	47.6
1346	ok Av	6.65	0.28	0.14	8.2	3.9	99.7	47.6
1347	ok	1.06						
1348	ok	0.28						
1349	ok	0.09						
1350	ok	0.06						
1351	ok	0.07						
1352	ok	0.08						
1353	ok	0.10						
1354	ok	0.13						
1355	ok	0.19						
1356	ok	0.30						
1357	ok	0.47						
1358	ok	0.68						
1359	ok	0.74						
1360	ok	1.07						
1361	ok Av	9.44	0.16	0.41	4.5	12.1	54.7	146.9
1362	ok	1.12						
1363	ok	0.33						
1364	ok	0.29						
1365	ok	0.31						
1366	ok	0.35						
1367	ok	0.39						
1368	ok Av	12.58	0.03	0.59	0.8	17.1	9.6	208.7
1369	ok Av	12.58	0.03	0.60	0.8	17.1	9.6	208.7
1370	ok Av	6.65	0.28	0.14	8.2	3.9	99.7	47.6
1371	ok Av	6.65	0.28	0.14	8.2	3.9	99.7	47.6
1372	ok Av	12.58	0.03	0.60	0.8	17.1	9.6	208.7
1373	ok	1.46						
1374	ok	1.46						
1375	ok	0.42						
1376	ok	0.42						
1377	ok	0.19						
1378	ok	0.39						
1379	ok	0.15						
1380	ok	0.35						
1381	ok	0.13						
1382	ok	0.32						
1383	ok	0.12						
1384	ok	0.31						
1385	ok	0.10						
1386	ok	0.29						
1387	ok	0.13						
1388	ok	0.29						
1389	ok	0.19						
1390	ok	0.33						
1391	ok	0.30						
1392	ok	0.33						
1393	ok	0.47						
1394	ok	0.55						

1395	ok	0.82						
1396	ok	1.12						
1397	ok	1.64						
1398	ok	2.38						
1399	ok	3.47						
1400	ok Av	9.44	0.16	0.42	4.5	12.1	54.7	146.9

Nodo	Max tau 12.58	Ver V pr 0.28	Ver V sec 0.60	Af V pr 8.19	Af V sec 17.14	V pr 99.71	V sec 208.74
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Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
15	20.00	159	4	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x daN/cm	N y daN/cm	N xy daN/cm	M x daN	M y daN	M xy daN
1406	ok	0.15	0.4	6.20e-03	7.7	7.7	7.7	7.7	14.9	21.9	-31.4	-51.5	-1270.3	644.0
1407	ok	0.15	9.96e-03	0.0	7.7	7.7	7.7	7.7	1.2	0.3	-0.5	-2.1	39.7	6.0
1408	ok	0.15	0.4	6.23e-03	7.7	7.7	7.7	7.7	117.2	-13.1	16.3	333.0	1275.2	508.5
1409	ok	0.15	0.1	2.93e-04	7.7	7.7	7.7	7.7	92.8	-0.1	7.5	-290.9	55.8	208.9
1410	ok	0.15	0.2	1.07e-04	7.7	7.7	7.7	7.7	52.6	0.3	4.6	-446.8	43.2	287.1
1411	ok	0.15	0.2	2.05e-04	7.7	7.7	7.7	7.7	11.6	0.4	2.0	-483.7	57.6	347.5
1412	ok	0.15	0.2	7.20e-03	7.7	7.7	7.7	7.7	-16.1	3.3	9.42e-02	-320.6	454.4	266.4
1415	ok	0.15	0.1	4.96e-04	7.7	7.7	7.7	7.7	9.9	3.7	-2.8	-111.6	-469.6	223.4
1416	ok	0.15	7.78e-02	9.18e-06	7.7	7.7	7.7	7.7	2.7	0.9	-0.6	-270.6	38.3	131.4
1417	ok	0.15	0.1	4.80e-03	7.7	7.7	7.7	7.7	-10.1	0.3	0.5	-412.8	33.3	196.1
1418	ok	0.15	0.1	1.48e-02	7.7	7.7	7.7	7.7	-33.5	7.77e-02	-8.29e-02	-475.2	27.7	262.5
1419	ok	0.15	0.1	2.54e-02	7.7	7.7	7.7	7.7	-57.8	0.1	-1.0	-497.3	32.1	295.3
1420	ok	0.15	0.1	3.59e-02	7.7	7.7	7.7	7.7	-90.8	-0.1	-2.4	-458.0	26.8	336.2
1421	ok	0.15	0.1	4.59e-02	7.7	7.7	7.7	7.7	-114.7	6.0	-3.7	-402.4	10.6	446.4
1422	ok	0.15	0.2	5.74e-02	7.7	7.7	7.7	7.7	-115.0	63.7	-23.6	-501.3	-139.6	623.8
1427	ok	0.15	6.68e-02	1.51e-03	7.7	7.7	7.7	7.7	108.9	-3.2	7.5	-111.6	138.7	199.9
1428	ok	0.15	0.1	8.03e-05	7.7	7.7	7.7	7.7	72.9	0.3	5.6	-382.9	33.9	232.8
1429	ok	0.15	0.2	8.71e-05	7.7	7.7	7.7	7.7	32.5	0.4	3.4	-465.5	60.8	299.3
1430	ok	0.15	0.6	3.71e-02	7.7	7.7	7.7	7.7	-19.5	-18.2	-75.3	-130.9	-771.9	1627.1
1431	ok	0.15	0.2	1.40e-02	7.7	7.7	7.7	7.7	-27.5	1.2	17.0	-484.4	-15.4	770.0
1432	ok	0.15	0.2	1.17e-02	7.7	7.7	7.7	7.7	-18.3	-0.9	15.0	-390.2	-114.3	670.5
1433	ok	0.15	0.2	1.55e-03	7.7	7.7	7.7	7.7	52.1	-0.1	14.6	319.9	-359.5	520.5
1434	ok	0.15	0.2	1.62e-02	7.7	7.7	7.7	7.7	-34.3	1.8	16.7	-516.8	28.1	813.0
1435	ok	0.15	0.3	1.28e-02	7.7	7.7	7.7	7.7	-19.9	-5.0	18.7	-438.9	-338.9	1056.5
1436	ok	0.15	0.3	7.31e-03	7.7	7.7	7.7	7.7	-2.2	2.1	17.8	-530.9	38.1	841.4
1437	ok	0.15	0.2	3.19e-03	7.7	7.7	7.7	7.7	32.2	2.0	15.6	-187.3	-265.0	633.8
1438	ok	0.15	0.2	4.69e-03	7.7	7.7	7.7	7.7	27.8	0.9	17.5	-330.6	-37.7	717.5
1439	ok	0.15	0.2	3.77e-03	7.7	7.7	7.7	7.7	19.0	2.2	18.4	-447.5	36.9	754.0
1440	ok	0.15	0.3	6.14e-03	7.7	7.7	7.7	7.7	4.7	2.5	18.5	-513.3	53.5	806.8
1441	ok	0.15	0.3	1.86e-02	7.7	7.7	7.7	7.7	-39.5	2.5	17.7	-412.8	-31.1	896.9
1442	ok	0.15	0.3	1.89e-02	7.7	7.7	7.7	7.7	-42.4	1.6	16.4	-506.9	47.2	831.8
1443	ok	0.15	0.3	3.85e-02	7.7	7.7	7.7	7.7	-52.3	-2.2	21.5	-271.4	-254.0	1079.3
1445	ok	0.15	0.2	6.46e-03	7.7	7.7	7.7	7.7	-4.1	-6.0	5.1	-248.5	-348.8	520.4
1447	ok	0.15	0.3	9.19e-03	7.7	7.7	7.7	7.7	-10.3	1.1	17.5	-484.6	-38.3	891.8
1449	ok	0.15	0.3	1.27e-02	7.7	7.7	7.7	7.7	-6.5	-9.8	-10.8	-122.7	-717.6	827.2

Nodo	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
	0.15	7.85	0.14	7.70	7.70	7.70	7.70	-292.88	-301.13	-123.55	-2793.29	-2.600e+04	-7315.50
								321.94	294.41	102.81	4310.97	1.335e+04	3956.78

Nodo	Stato	Max tau daN/cm2	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr daN/cm	V sec daN/cm
33	ok Av	18.67	0.83	0.29	24.0	8.5	291.9	103.8
1345	ok Av	5.46	0.23	0.12	6.6	3.4	80.4	41.7
1405	ok	4.18						
1406	ok Av	6.01	0.09	0.27	2.6	7.8	31.8	94.6
1407	ok	0.59						
1408	ok	1.77						
1409	ok	0.59						
1410	ok	0.56						
1411	ok	0.68						
1412	ok	0.71						
1413	ok Av	5.46	0.23	0.12	6.6	3.4	80.4	41.7
1414	ok Av	5.46	0.23	0.12	6.6	3.4	80.4	41.7

1415	ok	1.15						
1416	ok	0.59						
1417	ok	0.40						
1418	ok	0.46						
1419	ok	0.51						
1420	ok	0.51						
1421	ok	0.43						
1422	ok	0.89						
1423	ok	4.18						
1424	ok	4.18						
1425	ok Av	18.67	0.83	0.29	24.0	8.5	291.9	103.8
1426	ok Av	18.67	0.83	0.30	24.0	8.5	291.9	103.8
1427	ok	0.61						
1428	ok	0.59						
1429	ok	0.60						
1430	ok Av	6.01	0.09	0.27	2.6	7.8	31.8	94.6
1431	ok	0.46						
1432	ok	0.40						
1433	ok	1.77						
1434	ok	0.51						
1435	ok	0.71						
1436	ok	0.60						
1437	ok	0.61						
1438	ok	0.59						
1439	ok	0.59						
1440	ok	0.56						
1441	ok	0.43						
1442	ok	0.51						
1443	ok	0.89						
1444	ok Av	18.67	0.83	0.30	24.0	8.5	291.9	103.8
1445	ok	1.15						
1446	ok Av	5.46	0.23	0.12	6.6	3.4	80.4	41.7
1447	ok	0.68						
1448	ok	4.18						
1449	ok	1.62						

Nodo	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
	18.67	0.83	0.30	23.97	8.52	291.94	103.81

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
16	20.00	159	4	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x daN/cm	N y daN/cm	N xy daN/cm	M x daN	M y daN	M xy daN
1451	ok	0.15	0.3	6.01e-03	7.7	7.7	7.7	7.7	-15.2	-0.7	1.0	-1309.3	12.9	-85.1
1452	ok	0.15	0.5	5.64e-03	7.7	7.7	7.7	7.7	-13.2	-1.0	0.8	-2305.7	14.7	-59.0
1453	ok	0.15	0.7	5.89e-03	7.7	7.7	7.7	7.7	-14.0	-1.1	0.8	-2934.8	13.2	-115.1
1454	ok	0.15	0.8	5.71e-03	7.7	7.7	7.7	7.7	-13.7	-1.1	0.9	-3298.5	10.2	-185.2
1455	ok	0.15	0.8	4.99e-03	7.7	7.7	7.7	7.7	-11.9	-1.1	1.0	-3411.7	6.5	-255.5
1456	ok	0.15	0.8	3.75e-03	7.7	7.7	7.7	7.7	-8.6	-1.1	1.1	-3277.1	2.8	-321.1
1457	ok	0.15	0.7	2.08e-03	7.7	7.7	7.7	7.7	-4.0	-1.1	1.3	-2891.9	-0.6	-379.4
1458	ok	0.15	0.6	6.85e-04	7.7	7.7	7.7	7.7	2.1	-1.2	1.5	-2241.0	-3.0	-425.0
1459	ok	0.15	0.3	7.89e-04	7.7	7.7	7.7	7.7	11.9	-1.7	2.1	-1257.2	-2.1	-436.0
1461	ok	0.15	4.79e-02	1.32e-03	7.7	7.7	7.7	7.7	-2.8	0.6	0.4	-46.8	193.0	24.9
1462	ok	0.15	6.22e-02	4.85e-04	7.7	7.7	7.7	7.7	1.3	-0.2	-0.6	-95.2	-169.2	-118.8
1463	ok	0.15	0.1	1.32e-03	7.7	7.7	7.7	7.7	5.3	1.4	-6.0	-442.1	150.6	71.4
1464	ok	0.15	0.3	1.05e-03	7.7	7.7	7.7	7.7	9.1	-1.2	-3.6	-1274.0	123.3	-51.3
1465	ok	0.15	0.5	2.84e-04	7.7	7.7	7.7	7.7	10.4	-0.5	-1.0	-2090.0	67.8	-171.4
1466	ok	0.15	0.7	7.08e-05	7.7	7.7	7.7	7.7	10.9	-0.2	0.3	-2699.9	30.7	-264.5
1467	ok	0.15	0.8	6.76e-05	7.7	7.7	7.7	7.7	11.6	-7.41e-02	1.1	-3059.8	17.4	-339.6
1468	ok	0.15	0.8	1.45e-04	7.7	7.7	7.7	7.7	10.7	-3.22e-02	1.9	-3184.8	7.8	-400.8
1469	ok	0.15	0.8	3.11e-04	7.7	7.7	7.7	7.7	9.0	1.46e-03	2.7	-3065.9	2.0	-451.2
1470	ok	0.15	0.7	6.16e-04	7.7	7.7	7.7	7.7	6.6	5.70e-02	3.5	-2703.8	-3.4	-491.3
1471	ok	0.15	0.5	9.87e-04	7.7	7.7	7.7	7.7	3.7	0.3	4.1	-2106.9	-13.7	-514.8
1472	ok	0.15	0.4	8.91e-04	7.7	7.7	7.7	7.7	0.4	1.3	2.8	-1315.1	-41.5	-493.7
1473	ok	0.15	0.2	1.21e-03	7.7	7.7	7.7	7.7	-1.6	1.1	-1.2	-497.8	-95.4	-368.3
1476	ok	0.15	5.78e-02	6.41e-04	7.7	7.7	7.7	7.7	0.5	2.8	-3.1	-196.2	136.5	107.6
1477	ok	0.15	0.2	1.48e-03	7.7	7.7	7.7	7.7	8.6	-0.6	-5.6	-843.3	154.0	35.4

1478	ok	0.15	0.4	5.79e-04	7.7	7.7	7.7	7.7	9.9	-0.9	-2.1	-1703.2	94.3	-113.3
1479	ok	0.15	0.6	1.34e-04	7.7	7.7	7.7	7.7	10.7	-0.3	-0.3	-2423.7	46.5	-221.8
1480	ok	0.15	0.7	5.70e-05	7.7	7.7	7.7	7.7	11.8	-0.1	0.7	-2906.3	25.1	-303.7
1481	ok	0.15	0.8	9.76e-05	7.7	7.7	7.7	7.7	11.3	-5.11e-02	1.5	-3152.8	11.9	-371.8
1482	ok	0.15	0.8	2.14e-04	7.7	7.7	7.7	7.7	10.0	-1.50e-02	2.3	-3155.9	4.7	-427.2
1483	ok	0.15	0.7	4.43e-04	7.7	7.7	7.7	7.7	7.9	2.12e-02	3.1	-2915.0	-0.5	-472.6
1484	ok	0.15	0.6	8.14e-04	7.7	7.7	7.7	7.7	5.2	0.1	3.9	-2433.6	-7.4	-506.0
1485	ok	0.15	0.5	1.04e-03	7.7	7.7	7.7	7.7	2.0	0.7	3.8	-1729.9	-24.3	-513.2
1486	ok	0.15	0.3	8.67e-04	7.7	7.7	7.7	7.7	-1.1	1.7	0.9	-888.5	-66.2	-446.0
1487	ok	0.15	0.1	1.20e-03	7.7	7.7	7.7	7.7	-6.14e-02	-0.9	-1.9	-220.5	-167.1	-278.4
1488	ok	0.15	0.3	3.94e-03	7.7	7.7	7.7	7.7	2.9	-0.4	-4.1	-1078.4	-232.7	-567.2
1491	ok	0.15	0.2	1.70e-03	7.7	7.7	7.7	7.7	22.3	-3.9	3.4	-564.8	-13.2	-402.8
1492	ok	0.15	0.5	6.44e-04	7.7	7.7	7.7	7.7	6.1	-1.3	1.7	-1800.0	-3.1	-437.9
1493	ok	0.15	0.6	1.18e-03	7.7	7.7	7.7	7.7	-1.2	-1.1	1.4	-2601.7	-2.1	-404.4
1494	ok	0.15	0.8	2.96e-03	7.7	7.7	7.7	7.7	-6.5	-1.1	1.2	-3116.3	1.0	-351.3
1495	ok	0.15	0.8	4.43e-03	7.7	7.7	7.7	7.7	-10.4	-1.1	1.0	-3375.4	4.7	-289.0
1496	ok	0.15	0.8	5.41e-03	7.7	7.7	7.7	7.7	-13.0	-1.1	0.9	-3386.1	8.4	-220.7
1497	ok	0.15	0.7	5.86e-03	7.7	7.7	7.7	7.7	-14.1	-1.1	0.8	-3148.4	11.8	-149.7
1498	ok	0.15	0.6	5.80e-03	7.7	7.7	7.7	7.7	-13.7	-1.1	0.8	-2655.4	14.2	-83.7
1499	ok	0.15	0.4	5.59e-03	7.7	7.7	7.7	7.7	-13.0	-0.9	0.9	-1876.0	14.4	-48.6
1500	ok	0.15	0.2	8.10e-03	7.7	7.7	7.7	7.7	-20.3	-0.7	2.3	-617.0	27.1	-187.4
1504	ok	0.15	0.2	3.49e-03	7.7	7.7	7.7	7.7	13.8	-1.8	-12.3	-190.3	881.1	-39.4
1506	ok	0.15	0.2	2.75e-03	7.7	7.7	7.7	7.7	10.9	-5.2	-5.6	-852.7	522.0	43.8
1507	ok	0.15	0.2	3.54e-03	7.7	7.7	7.7	7.7	-2.4	-5.5	4.7	-731.8	621.7	-276.9
1508	ok	0.15	0.3	1.89e-03	7.7	7.7	7.7	7.7	7.0	-3.9	-2.8	-1353.8	340.0	-3.5
1509	ok	0.15	0.3	2.16e-03	7.7	7.7	7.7	7.7	-3.2	-3.5	1.1	-1349.0	353.9	-106.4
1510	ok	0.15	0.4	1.19e-03	7.7	7.7	7.7	7.7	4.9	-2.2	-1.8	-1792.2	226.5	-54.7
1511	ok	0.15	0.4	2.14e-03	7.7	7.7	7.7	7.7	-3.7	-2.2	-8.81e-03	-1843.6	210.6	-67.7
1512	ok	0.15	0.5	7.31e-04	7.7	7.7	7.7	7.7	3.1	-1.1	-1.1	-2169.3	150.0	-113.3
1513	ok	0.15	0.5	2.31e-03	7.7	7.7	7.7	7.7	-4.4	-1.5	-0.4	-2243.6	137.4	-85.8
1514	ok	0.15	0.6	4.45e-04	7.7	7.7	7.7	7.7	3.7	-0.7	-0.7	-2499.9	106.8	-150.3
1515	ok	0.15	0.6	2.39e-03	7.7	7.7	7.7	7.7	-4.7	-0.9	-0.2	-2582.7	98.9	-122.8
1516	ok	0.15	0.7	2.85e-04	7.7	7.7	7.7	7.7	3.6	-0.4	-0.2	-2767.6	76.6	-196.0
1517	ok	0.15	0.7	2.41e-03	7.7	7.7	7.7	7.7	-4.9	-0.8	0.2	-2855.8	75.8	-174.5
1518	ok	0.15	0.7	2.50e-04	7.7	7.7	7.7	7.7	3.5	-0.3	0.4	-2976.4	56.9	-240.5
1519	ok	0.15	0.7	2.40e-03	7.7	7.7	7.7	7.7	-4.9	-0.7	0.5	-3066.1	60.8	-232.9
1520	ok	0.15	0.8	3.27e-04	7.7	7.7	7.7	7.7	3.5	-0.2	0.9	-3125.5	43.8	-283.7
1521	ok	0.15	0.8	2.36e-03	7.7	7.7	7.7	7.7	-4.7	-0.7	1.0	-3214.5	50.4	-294.6
1522	ok	0.15	0.8	4.65e-04	7.7	7.7	7.7	7.7	3.5	-0.2	1.5	-3214.4	34.9	-325.4
1523	ok	0.15	0.8	2.28e-03	7.7	7.7	7.7	7.7	-4.3	-0.7	1.4	-3301.4	42.7	-357.5
1524	ok	0.15	0.8	6.30e-04	7.7	7.7	7.7	7.7	3.5	-0.2	2.1	-3242.5	28.6	-365.5
1525	ok	0.15	0.8	2.17e-03	7.7	7.7	7.7	7.7	-3.8	-0.7	1.9	-3326.8	36.8	-420.6
1526	ok	0.15	0.8	8.07e-04	7.7	7.7	7.7	7.7	3.4	-0.2	2.6	-3209.8	24.0	-404.1
1527	ok	0.15	0.8	2.04e-03	7.7	7.7	7.7	7.7	-3.1	-0.7	2.3	-3290.8	32.0	-483.0
1528	ok	0.15	0.8	9.91e-04	7.7	7.7	7.7	7.7	3.4	-0.2	3.2	-3116.0	20.6	-441.0
1529	ok	0.15	0.8	1.90e-03	7.7	7.7	7.7	7.7	-2.2	-0.6	2.8	-3193.1	28.0	-544.3
1530	ok	0.15	0.7	1.18e-03	7.7	7.7	7.7	7.7	3.4	-0.1	3.7	-2960.8	17.9	-476.1
1531	ok	0.15	0.8	1.76e-03	7.7	7.7	7.7	7.7	-1.1	-0.6	3.2	-3033.3	25.0	-603.8
1532	ok	0.15	0.7	1.35e-03	7.7	7.7	7.7	7.7	3.5	-6.72e-02	4.3	-2744.2	15.8	-509.1
1533	ok	0.15	0.7	1.63e-03	7.7	7.7	7.7	7.7	0.2	-0.6	3.6	-2810.8	23.3	-660.7
1534	ok	0.15	0.6	1.50e-03	7.7	7.7	7.7	7.7	3.5	0.1	4.9	-2466.2	14.3	-539.3
1535	ok	0.15	0.7	1.53e-03	7.7	7.7	7.7	7.7	1.7	-0.5	4.2	-2524.2	23.8	-713.8
1536	ok	0.15	0.6	1.59e-03	7.7	7.7	7.7	7.7	3.3	0.7	5.4	-2126.5	13.6	-565.4
1537	ok	0.15	0.6	1.47e-03	7.7	7.7	7.7	7.7	3.5	-0.2	4.9	-2170.5	28.5	-760.2
1538	ok	0.15	0.5	1.59e-03	7.7	7.7	7.7	7.7	2.7	1.8	6.0	-1725.6	13.4	-584.1
1539	ok	0.15	0.5	1.49e-03	7.7	7.7	7.7	7.7	5.5	0.4	6.1	-1743.7	42.1	-794.3
1540	ok	0.15	0.4	1.65e-03	7.7	7.7	7.7	7.7	0.9	4.3	6.1	-1264.9	13.7	-587.9
1541	ok	0.15	0.4	1.74e-03	7.7	7.7	7.7	7.7	7.5	2.0	8.6	-1231.1	74.4	-803.2
1542	ok	0.15	0.3	2.34e-03	7.7	7.7	7.7	7.7	-4.6	8.7	4.0	-764.3	67.8	-513.4
1543	ok	0.15	0.3	2.87e-03	7.7	7.7	7.7	7.7	9.5	8.2	13.1	-608.2	163.5	-756.1
1544	ok	0.15	0.2	3.89e-03	7.7	7.7	7.7	7.7	-5.3	6.0	-1.1	-303.5	-63.1	-473.4
1546	ok	0.15	0.2	5.55e-03	7.7	7.7	7.7	7.7	-13.5	-10.5	-1.75e-02	673.8	434.5	137.5
1646	ok	0.15	5.67e-03	3.48e-04	7.7	7.7	7.7	7.7	-0.5	-0.4	0.4	14.9	-23.2	2.6
1647	ok	0.15	3.49e-03	0.0	7.7	7.7	7.7	7.7	0.3	0.6	2.19e-02	12.7	-5.2	-5.0
1648	ok	0.15	0.1	0.0	7.7	7.7	7.7	7.7	3.8	2.48e-02	-0.1	-432.0	-20.2	-15.6
1649	ok	0.15	0.3	0.0	7.7	7.7	7.7	7.7	14.3	0.3	-8.43e-02	-1232.9	-7.9	-77.6
1650	ok	0.15	0.5	0.0	7.7	7.7	7.7	7.7	19.0	0.3	0.4	-2045.6	-4.0	-142.7
1651	ok	0.15	0.7	0.0	7.7	7.7	7.7	7.7	20.3	0.2	0.5	-2669.8	-3.3	-185.5
1652	ok	0.15	0.8	0.0	7.7	7.7	7.7	7.7	19.8	0.2	0.5	-3053.9	-3.6	-211.1
1653	ok	0.15	0.8	0.0	7.7	7.7	7.7	7.7	17.9	0.2	0.5	-3191.7	-4.0	-224.3
1654	ok	0.15	0.8	0.0	7.7	7.7	7.7	7.7	14.7	0.2	0.4	-3082.7	-4.2	-228.0
1655	ok	0.15	0.7	0.0	7.7	7.7	7.7	7.7	9.9	0.2	0.4	-2729.4	-4.5	-223.3
1656	ok	0.15	0.5	0.0	7.7	7.7	7.7	7.7	3.7	0.2	0.2	-2143.6	-4.9	-208.9
1657	ok	0.15	0.3	8.06e-04	7.7	7.7	7.7	7.7	-1.3	7.29e-03	-5.13e-02	-1370.4	-6.4	-192.4
1658	ok	0.15	0.1	8.88e-04	7.7	7.7	7.7	7.7	-2.1	-7.73e-02	-0.4	-592.8	-6.5	-127.7
1659	ok	0.15	3.58e-02	2.48e-04	7.7	7.7	7.7	7.7	-0.1	-0.3	0.4	-147.5	-22.5	5.1
1660	ok	0.15	0.2	0.0	7.7	7.7	7.7	7.7	9.4	0.3	-0.1	-811.8	-13.3	-42.6

1661	ok	0.15	0.4	0.0	7.7	7.7	7.7	7.7	17.2	0.3	0.2	-1653.8	-5.5	-114.1
1662	ok	0.15	0.6	0.0	7.7	7.7	7.7	7.7	19.9	0.2	0.4	-2386.6	-3.4	-166.6
1663	ok	0.15	0.7	0.0	7.7	7.7	7.7	7.7	20.2	0.2	0.5	-2892.5	-3.4	-200.2
1664	ok	0.15	0.8	0.0	7.7	7.7	7.7	7.7	19.0	0.2	0.5	-3153.7	-3.8	-219.0
1665	ok	0.15	0.8	0.0	7.7	7.7	7.7	7.7	16.5	0.2	0.5	-3167.9	-4.1	-227.2
1666	ok	0.15	0.7	0.0	7.7	7.7	7.7	7.7	12.5	0.2	0.4	-2936.2	-4.3	-226.7
1667	ok	0.15	0.6	0.0	7.7	7.7	7.7	7.7	6.9	0.2	0.3	-2463.9	-4.6	-217.6
1668	ok	0.15	0.4	1.05e-04	7.7	7.7	7.7	7.7	1.4	0.1	0.1	-1764.9	-6.4	-212.1
1669	ok	0.15	0.2	1.17e-03	7.7	7.7	7.7	7.7	-2.6	-0.1	-0.3	-969.6	-6.1	-164.2
1670	ok	0.15	6.92e-02	2.59e-04	7.7	7.7	7.7	7.7	-0.6	0.2	-0.2	-260.4	-8.2	-83.5

Nodo	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
	0.15	11.93	0.06	7.70	7.70	7.70	7.70	-138.68	-101.46	-37.04	-9506.38	-1.246e+04	-1.876e+04
								195.50	102.04	43.24	1.792e+04	3.124e+04	1.280e+04

Nodo	Stato	Max tau daN/cm2	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr daN/cm	V sec daN/cm
48	ok	0.0						
50	ok	0.0						
1450	ok	0.0						
1451	ok	1.76						
1452	ok	1.05						
1453	ok	0.66						
1454	ok	0.35						
1455	ok	0.24						
1456	ok	0.53						
1457	ok	0.85						
1458	ok	1.23						
1459	ok	1.88						
1460	ok	0.0						
1461	ok	1.32						
1462	ok	0.87						
1463	ok	1.35						
1464	ok	1.25						
1465	ok	0.96						
1466	ok	0.70						
1467	ok	0.44						
1468	ok	0.17						
1469	ok	0.33						
1470	ok	0.60						
1471	ok	0.85						
1472	ok	1.01						
1473	ok	1.00						
1474	ok	0.0						
1475	ok	2.92						
1476	ok	1.35						
1477	ok	1.34						
1478	ok	1.12						
1479	ok	0.83						
1480	ok	0.57						
1481	ok	0.30						
1482	ok	0.20						
1483	ok	0.47						
1484	ok	0.73						
1485	ok	0.95						
1486	ok	1.01						
1487	ok	0.88						
1488	ok	1.80						
1489	ok	0.0						
1490	ok	0.0						
1491	ok	2.70						
1492	ok	1.49						
1493	ok	1.03						
1494	ok	0.69						
1495	ok	0.37						
1496	ok	0.21						
1497	ok	0.50						
1498	ok	0.84						
1499	ok	1.32						
1500	ok	2.69						
1501	ok	0.0						
1502	ok	2.92						
1503	ok	0.0						
1504	ok	2.89						
1505	ok Av	5.50	0.26	0.02	7.5	0.5	91.0	6.6

1506	ok	2.19										
1507	ok	2.69										
1508	ok	1.66										
1509	ok	1.76										
1510	ok	1.30										
1511	ok	1.32										
1512	ok	1.05										
1513	ok	1.05										
1514	ok	0.84										
1515	ok	0.84										
1516	ok	0.67										
1517	ok	0.67										
1518	ok	0.52										
1519	ok	0.52										
1520	ok	0.37										
1521	ok	0.37										
1522	ok	0.24										
1523	ok	0.24										
1524	ok	0.13										
1525	ok	0.24										
1526	ok	0.24										
1527	ok	0.37										
1528	ok	0.36										
1529	ok	0.53										
1530	ok	0.50										
1531	ok	0.69										
1532	ok	0.64										
1533	ok	0.85										
1534	ok	0.79										
1535	ok	1.03										
1536	ok	0.95										
1537	ok	1.23										
1538	ok	1.14										
1539	ok	1.49										
1540	ok	1.36										
1541	ok	1.88										
1542	ok	1.63										
1543	ok	2.70										
1544	ok	1.93										
1545	ok Av	4.93	0.23	0.05	6.5	1.5	79.7	18.3				
1546	ok	1.93										
1547	ok	0.0										
1646	ok	0.48										
1647	ok	0.40										
1648	ok	0.92										
1649	ok	1.01										
1650	ok	0.93										
1651	ok	0.70										
1652	ok	0.44										
1653	ok	0.17										
1654	ok	0.23										
1655	ok	0.49										
1656	ok	0.71										
1657	ok	0.80										
1658	ok	0.75										
1659	ok	0.72										
1660	ok	1.01										
1661	ok	1.01										
1662	ok	0.83										
1663	ok	0.57										
1664	ok	0.30										
1665	ok	0.10										
1666	ok	0.36										
1667	ok	0.61										
1668	ok	0.78										
1669	ok	0.80										
1670	ok	0.64										

Nodo		Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		5.50	0.26	0.05	7.47	1.50	90.99	18.33

Nodo	Stato	V 6.47	V 6.53	Beta	f. a fon	f. Uout	Aw tot cm2	Asw,min cm2	n. x serie	n.ser 0(R)	n.ser 90	Rif. cmb
48	ok	0.51	0.23	1.51	0.0	0.0	0.0	0.0	0	0	0	8
50	ok	0.22	0.10	1.42	0.0	0.0	0.0	0.0	0	0	0	22

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
17	20.00	159	4	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x daN/cm	N y daN/cm	N xy daN/cm	M x daN	M y daN	M xy daN
1549	ok	0.15	0.4	1.12e-02	7.7	7.7	7.7	7.7	-27.9	-2.3	-3.8	-1616.3	58.7	277.4
1550	ok	0.15	0.6	1.17e-02	7.7	7.7	7.7	7.7	-29.2	-2.0	-4.2	-2681.5	60.7	217.8
1551	ok	0.15	0.8	1.28e-02	7.7	7.7	7.7	7.7	-31.8	-2.0	-4.5	-3325.8	49.9	103.4
1552	ok	0.15	0.8	1.38e-02	7.7	7.7	7.7	7.7	-33.6	-1.8	-0.6	-3656.6	36.2	-53.1
1553	ok	0.15	0.8	1.46e-02	7.7	7.7	7.7	7.7	-35.6	-1.8	-0.7	-3706.3	22.4	-160.2
1554	ok	0.15	0.8	1.51e-02	7.7	7.7	7.7	7.7	-36.7	-1.8	-0.8	-3480.2	9.7	-247.0
1555	ok	0.15	0.7	1.50e-02	7.7	7.7	7.7	7.7	-36.6	-1.8	-0.7	-2966.0	-0.6	-302.3
1556	ok	0.15	0.5	1.47e-02	7.7	7.7	7.7	7.7	-35.7	-1.8	-0.6	-2120.6	-5.6	-303.5
1557	ok	0.15	0.2	1.47e-02	7.7	7.7	7.7	7.7	-35.0	-1.2	-0.6	-812.0	-1.2	-217.7
1558	ok	0.15	0.4	2.07e-02	7.7	7.7	7.7	7.7	-41.5	-5.9	-7.8	1460.2	210.1	556.5
1559	ok	0.15	0.3	5.76e-03	7.7	7.7	7.7	7.7	5.3	-0.6	13.2	623.5	988.0	386.5
1560	ok	0.15	0.1	2.35e-04	7.7	7.7	7.7	7.7	1.2	13.7	0.2	-52.7	281.5	219.6
1561	ok	0.15	0.2	1.96e-03	7.7	7.7	7.7	7.7	1.2	5.2	-7.2	-538.7	302.0	672.2
1562	ok	0.15	0.4	3.05e-03	7.7	7.7	7.7	7.7	1.3	-0.7	-7.4	-1475.0	315.2	619.1
1563	ok	0.15	0.6	3.02e-03	7.7	7.7	7.7	7.7	5.31e-02	-2.2	-6.2	-2312.6	270.0	466.3
1564	ok	0.15	0.7	2.63e-03	7.7	7.7	7.7	7.7	-0.9	-1.9	-4.9	-2903.3	216.8	302.6
1565	ok	0.15	0.8	2.16e-03	7.7	7.7	7.7	7.7	-1.4	-1.4	-3.8	-3237.6	180.0	150.1
1566	ok	0.15	0.8	1.68e-03	7.7	7.7	7.7	7.7	-1.5	-1.0	-2.7	-3316.6	160.1	12.7
1567	ok	0.15	0.8	1.22e-03	7.7	7.7	7.7	7.7	-1.6	-0.8	-1.5	-3140.9	157.2	-107.7
1568	ok	0.15	0.7	7.97e-04	7.7	7.7	7.7	7.7	-1.6	-0.9	-0.2	-2711.6	176.4	-208.4
1569	ok	0.15	0.5	1.07e-03	7.7	7.7	7.7	7.7	-1.2	-1.8	1.0	-2032.0	228.8	-278.8
1570	ok	0.15	0.3	2.31e-03	7.7	7.7	7.7	7.7	0.5	-4.3	2.7	-1118.4	328.1	-284.8
1571	ok	0.15	0.1	4.52e-03	7.7	7.7	7.7	7.7	4.8	-7.3	7.8	-86.4	485.6	-128.2
1575	ok	0.15	0.2	1.12e-02	7.7	7.7	7.7	7.7	-28.0	-5.0	-3.2	-829.9	-2.2	239.5
1576	ok	0.15	0.5	1.14e-02	7.7	7.7	7.7	7.7	-28.3	-2.0	-4.1	-2214.6	63.2	260.9
1577	ok	0.15	0.7	1.22e-02	7.7	7.7	7.7	7.7	-30.4	-2.0	-4.4	-3046.6	55.9	162.9
1578	ok	0.15	0.8	1.33e-02	7.7	7.7	7.7	7.7	-33.2	-2.0	-4.6	-3527.6	43.2	43.3
1579	ok	0.15	0.8	1.43e-02	7.7	7.7	7.7	7.7	-34.7	-1.8	-0.7	-3715.9	29.3	-108.7
1580	ok	0.15	0.8	1.49e-02	7.7	7.7	7.7	7.7	-36.3	-1.8	-0.8	-3628.0	15.8	-206.7
1581	ok	0.15	0.7	1.51e-02	7.7	7.7	7.7	7.7	-36.8	-1.8	-0.7	-3260.8	4.1	-279.5
1582	ok	0.15	0.6	1.49e-02	7.7	7.7	7.7	7.7	-36.2	-1.8	-0.7	-2589.6	-4.1	-312.0
1583	ok	0.15	0.4	1.45e-02	7.7	7.7	7.7	7.7	-35.3	-1.7	-0.6	-1540.7	-3.8	-267.9
1584	ok	0.15	7.54e-02	1.58e-02	7.7	7.7	7.7	7.7	-31.5	1.2	-0.7	210.2	7.6	115.8
1588	ok	0.15	0.2	5.55e-03	7.7	7.7	7.7	7.7	6.4	-4.7	10.1	445.6	751.3	191.1
1589	ok	0.15	0.2	3.33e-03	7.7	7.7	7.7	7.7	2.4	-6.1	4.6	-597.7	398.2	-236.6
1590	ok	0.15	0.4	1.57e-03	7.7	7.7	7.7	7.7	-0.6	-2.8	1.7	-1601.3	271.9	-294.6
1591	ok	0.15	0.6	7.43e-04	7.7	7.7	7.7	7.7	-1.5	-1.2	0.3	-2402.7	197.5	-248.5
1592	ok	0.15	0.7	1.00e-03	7.7	7.7	7.7	7.7	-1.5	-0.7	-0.6	-2936.9	157.4	-105.4
1593	ok	0.15	0.8	1.44e-03	7.7	7.7	7.7	7.7	-1.6	-0.9	-2.0	-3260.6	156.3	-50.3
1594	ok	0.15	0.8	1.92e-03	7.7	7.7	7.7	7.7	-1.5	-1.2	-3.2	-3309.0	168.0	79.4
1595	ok	0.15	0.8	2.40e-03	7.7	7.7	7.7	7.7	-1.2	-1.7	-4.4	-3102.4	196.2	224.6
1596	ok	0.15	0.7	2.84e-03	7.7	7.7	7.7	7.7	-0.5	-2.1	-5.5	-2640.1	241.7	383.6
1597	ok	0.15	0.5	3.11e-03	7.7	7.7	7.7	7.7	0.7	-1.8	-6.9	-1921.5	298.2	547.8
1598	ok	0.15	0.3	2.70e-03	7.7	7.7	7.7	7.7	1.7	1.4	-7.5	-982.4	337.2	655.0
1599	ok	0.15	0.2	1.42e-03	7.7	7.7	7.7	7.7	0.7	9.9	-5.5	-178.9	298.4	731.4
1601	ok	0.15	0.3	2.58e-03	7.7	7.7	7.7	7.7	-0.9	4.9	-6.0	-415.8	893.4	753.6
1602	ok	0.15	0.3	3.36e-03	7.7	7.7	7.7	7.7	-1.9	1.8	-7.0	-964.4	815.4	669.3
1603	ok	0.15	0.4	3.83e-03	7.7	7.7	7.7	7.7	-4.4	-1.3	-6.1	-1558.7	563.7	648.1
1604	ok	0.15	0.5	4.15e-03	7.7	7.7	7.7	7.7	-6.3	-2.4	-5.3	-2043.6	434.8	572.9
1605	ok	0.15	0.6	4.44e-03	7.7	7.7	7.7	7.7	-7.9	-2.6	-4.9	-2449.7	346.7	492.7
1606	ok	0.15	0.7	4.70e-03	7.7	7.7	7.7	7.7	-9.2	-2.4	-4.7	-2783.0	285.8	409.3
1607	ok	0.15	0.7	4.90e-03	7.7	7.7	7.7	7.7	-10.2	-2.2	-4.4	-3046.9	242.8	324.3
1608	ok	0.15	0.8	5.06e-03	7.7	7.7	7.7	7.7	-10.9	-2.0	-4.1	-3243.3	211.9	239.4
1609	ok	0.15	0.8	5.17e-03	7.7	7.7	7.7	7.7	-11.6	-1.8	-3.7	-3373.6	189.6	156.1
1610	ok	0.15	0.8	5.24e-03	7.7	7.7	7.7	7.7	-12.1	-1.7	-3.3	-3438.6	174.0	75.4
1611	ok	0.15	0.8	5.29e-03	7.7	7.7	7.7	7.7	-12.5	-1.5	-3.0	-3438.5	163.9	-3.2
1612	ok	0.15	0.8	5.31e-03	7.7	7.7	7.7	7.7	-12.8	-1.4	-2.5	-3373.6	159.4	-75.7
1613	ok	0.15	0.8	5.32e-03	7.7	7.7	7.7	7.7	-13.0	-1.4	-2.1	-3243.6	161.1	-142.7
1614	ok	0.15	0.7	5.31e-03	7.7	7.7	7.7	7.7	-13.1	-1.3	-1.5	-3048.1	170.9	-201.2
1615	ok	0.15	0.7	5.29e-03	7.7	7.7	7.7	7.7	-13.2	-1.4	-1.1	-2786.7	190.5	-254.8
1616	ok	0.15	0.6	5.23e-03	7.7	7.7	7.7	7.7	-13.2	-1.6	-0.8	-2457.4	224.7	-295.8
1617	ok	0.15	0.5	5.10e-03	7.7	7.7	7.7	7.7	-12.9	-2.2	-0.6	-2058.1	279.2	-322.2
1618	ok	0.15	0.4	4.87e-03	7.7	7.7	7.7	7.7	-12.4	-3.3	-0.6	-1584.7	362.6	-328.7
1619	ok	0.15	0.3	4.39e-03	7.7	7.7	7.7	7.7	-11.0	-5.5	-0.8	-1030.8	487.3	-306.2

1620	ok	0.15	0.2	4.11e-03	7.7	7.7	7.7	7.7	-8.2	-10.0	-1.1	-384.5	673.8	-236.2
1621	ok	0.15	0.3	6.03e-03	7.7	7.7	7.7	7.7	-4.3	-11.8	0.8	412.4	1126.9	122.6
1625	ok	0.15	0.3	5.31e-03	7.7	7.7	7.7	7.7	-10.2	1.5	-3.5	-901.9	847.7	542.2
1626	ok	0.15	0.4	6.16e-03	7.7	7.7	7.7	7.7	-14.4	-2.0	-4.1	-1605.4	544.7	664.0
1627	ok	0.15	0.5	6.95e-03	7.7	7.7	7.7	7.7	-16.6	-2.2	-4.1	-2162.0	402.4	666.2
1628	ok	0.15	0.6	7.58e-03	7.7	7.7	7.7	7.7	-18.2	-2.2	-4.3	-2606.0	320.0	613.3
1629	ok	0.15	0.7	8.11e-03	7.7	7.7	7.7	7.7	-19.5	-2.2	-4.5	-2957.9	267.1	531.4
1630	ok	0.15	0.8	8.55e-03	7.7	7.7	7.7	7.7	-20.7	-2.1	-4.5	-3229.0	230.0	434.4
1631	ok	0.15	0.8	8.94e-03	7.7	7.7	7.7	7.7	-21.7	-2.0	-4.5	-3425.7	202.2	330.1
1632	ok	0.15	0.8	9.26e-03	7.7	7.7	7.7	7.7	-22.7	-2.0	-4.4	-3551.8	180.5	223.5
1633	ok	0.15	0.8	9.53e-03	7.7	7.7	7.7	7.7	-23.5	-1.9	-4.2	-3609.4	163.1	117.6
1634	ok	0.15	0.8	9.75e-03	7.7	7.7	7.7	7.7	-24.1	-1.8	-3.9	-3599.6	149.5	15.0
1635	ok	0.15	0.8	9.90e-03	7.7	7.7	7.7	7.7	-24.1	-1.7	-1.7	-3522.7	139.8	-94.5
1636	ok	0.15	0.8	1.00e-02	7.7	7.7	7.7	7.7	-24.4	-1.6	-1.4	-3378.0	134.8	-184.6
1637	ok	0.15	0.7	1.00e-02	7.7	7.7	7.7	7.7	-24.6	-1.6	-1.1	-3164.7	135.8	-264.5
1638	ok	0.15	0.7	1.00e-02	7.7	7.7	7.7	7.7	-24.7	-1.6	-0.8	-2880.2	145.4	-330.7
1639	ok	0.15	0.6	1.00e-02	7.7	7.7	7.7	7.7	-24.7	-1.6	-0.6	-2520.6	168.0	-377.4
1640	ok	0.15	0.5	9.98e-03	7.7	7.7	7.7	7.7	-24.6	-1.8	-0.6	-2079.2	210.6	-396.0
1641	ok	0.15	0.4	1.00e-02	7.7	7.7	7.7	7.7	-24.6	-2.2	-1.0	-1544.4	286.2	-372.5
1642	ok	0.15	0.2	1.03e-02	7.7	7.7	7.7	7.7	-24.6	-4.2	-3.7	-921.0	431.4	-250.2
1643	ok	0.15	0.2	1.15e-02	7.7	7.7	7.7	7.7	-22.1	-6.4	-5.8	-58.1	755.0	208.4
1644	ok	0.15	0.5	2.16e-02	7.7	7.7	7.7	7.7	-23.6	-27.3	-17.0	968.0	1569.2	742.1
1683	ok	0.15	2.29e-02	0.0	7.7	7.7	7.7	7.7	12.6	0.3	1.5	-72.7	-2.6	42.1
1684	ok	0.15	6.72e-03	1.30e-04	7.7	7.7	7.7	7.7	-8.79e-02	-0.1	0.2	27.1	4.7	-3.5
1685	ok	0.15	0.2	7.90e-06	7.7	7.7	7.7	7.7	1.7	-3.05e-03	0.2	-612.7	18.2	83.2
1686	ok	0.15	0.3	0.0	7.7	7.7	7.7	7.7	8.8	0.2	0.4	-1343.8	20.2	84.5
1687	ok	0.15	0.5	0.0	7.7	7.7	7.7	7.7	16.6	0.3	1.0	-2048.6	19.1	52.3
1688	ok	0.15	0.7	0.0	7.7	7.7	7.7	7.7	22.8	0.3	1.5	-2617.5	16.4	8.8
1689	ok	0.15	0.8	0.0	7.7	7.7	7.7	7.7	27.0	0.3	1.6	-2978.4	13.4	-35.1
1690	ok	0.15	0.8	0.0	7.7	7.7	7.7	7.7	30.0	0.3	1.9	-3100.9	10.5	-61.4
1691	ok	0.15	0.8	0.0	7.7	7.7	7.7	7.7	31.8	0.3	2.0	-2975.7	8.1	-72.7
1692	ok	0.15	0.7	0.0	7.7	7.7	7.7	7.7	32.7	0.3	2.1	-2608.5	6.1	-68.7
1693	ok	0.15	0.5	0.0	7.7	7.7	7.7	7.7	32.5	0.4	2.1	-2025.1	4.5	-49.3
1694	ok	0.15	0.3	0.0	7.7	7.7	7.7	7.7	30.1	0.4	2.0	-1293.1	3.4	-13.9
1695	ok	0.15	0.1	0.0	7.7	7.7	7.7	7.7	25.8	0.5	2.1	-581.4	3.48e-02	10.9
1696	ok	0.15	5.36e-02	5.60e-05	7.7	7.7	7.7	7.7	-3.64e-02	0.5	0.2	25.3	-178.5	102.3
1697	ok	0.15	6.01e-02	7.70e-05	7.7	7.7	7.7	7.7	-0.2	5.2	-0.1	27.7	-122.3	174.0
1710	ok	0.15	0.1	3.87e-03	7.7	7.7	7.7	7.7	5.9	1.4	11.6	233.3	456.7	203.5
1711	ok	0.15	6.46e-02	1.95e-03	7.7	7.7	7.7	7.7	7.7	1.1	7.9	42.5	130.8	168.7
1712	ok	0.15	7.21e-02	0.0	7.7	7.7	7.7	7.7	19.9	0.5	1.9	-281.2	-0.5	35.7
1713	ok	0.15	0.2	0.0	7.7	7.7	7.7	7.7	30.1	0.5	2.3	-934.1	-2.57e-03	-15.0
1714	ok	0.15	0.4	0.0	7.7	7.7	7.7	7.7	31.7	0.4	2.1	-1670.8	3.9	-33.6
1715	ok	0.15	0.6	0.0	7.7	7.7	7.7	7.7	32.8	0.3	2.1	-2341.0	5.2	-61.0
1716	ok	0.15	0.7	0.0	7.7	7.7	7.7	7.7	32.4	0.3	2.0	-2821.4	7.0	-72.6
1717	ok	0.15	0.8	0.0	7.7	7.7	7.7	7.7	31.0	0.3	1.9	-3069.2	9.2	-68.9
1718	ok	0.15	0.8	0.0	7.7	7.7	7.7	7.7	28.6	0.3	1.8	-3070.4	11.9	-50.1
1719	ok	0.15	0.7	0.0	7.7	7.7	7.7	7.7	25.1	0.3	1.5	-2826.3	14.9	-16.9
1720	ok	0.15	0.6	0.0	7.7	7.7	7.7	7.7	19.9	0.3	1.3	-2355.7	17.9	30.8
1721	ok	0.15	0.4	0.0	7.7	7.7	7.7	7.7	12.8	0.2	0.7	-1706.7	19.9	71.1
1722	ok	0.15	0.2	0.0	7.7	7.7	7.7	7.7	5.0	7.49e-02	0.2	-975.5	19.7	89.2
1723	ok	0.15	6.59e-02	1.31e-04	7.7	7.7	7.7	7.7	-5.25e-02	-4.08e-02	0.3	-259.3	12.8	59.9
1724	ok	0.15	0.1	2.22e-04	7.7	7.7	7.7	7.7	1.0	1.5	-1.7	-251.4	-139.8	361.7
1725	ok	0.15	0.2	6.45e-04	7.7	7.7	7.7	7.7	3.0	0.8	-3.4	-631.5	-42.7	374.7
1726	ok	0.15	0.3	9.64e-04	7.7	7.7	7.7	7.7	5.2	8.54e-02	-4.4	-1014.0	7.3	403.1
1727	ok	0.15	0.4	1.02e-03	7.7	7.7	7.7	7.7	7.5	-0.4	-4.6	-1401.6	43.2	409.8
1728	ok	0.15	0.5	8.96e-04	7.7	7.7	7.7	7.7	9.2	-0.7	-4.1	-1777.9	67.2	397.5
1729	ok	0.15	0.5	7.09e-04	7.7	7.7	7.7	7.7	11.2	-0.7	-3.5	-2128.4	81.4	368.3
1730	ok	0.15	0.6	5.27e-04	7.7	7.7	7.7	7.7	12.9	-0.7	-2.9	-2438.1	88.1	329.2
1731	ok	0.15	0.7	3.77e-04	7.7	7.7	7.7	7.7	14.5	-0.6	-2.2	-2697.7	89.5	285.4
1732	ok	0.15	0.7	2.63e-04	7.7	7.7	7.7	7.7	15.9	-0.4	-1.7	-2901.6	87.8	240.6
1733	ok	0.15	0.8	1.83e-04	7.7	7.7	7.7	7.7	17.1	-0.3	-1.1	-3046.4	84.4	197.1
1734	ok	0.15	0.8	1.25e-04	7.7	7.7	7.7	7.7	18.1	-0.2	-0.7	-3130.0	80.5	156.1
1735	ok	0.15	0.8	8.45e-05	7.7	7.7	7.7	7.7	18.9	-0.2	-0.3	-3151.4	76.8	118.4
1736	ok	0.15	0.8	5.63e-05	7.7	7.7	7.7	7.7	19.6	-0.1	8.05e-02	-3110.5	73.6	84.1
1737	ok	0.15	0.8	3.88e-05	7.7	7.7	7.7	7.7	20.1	-6.84e-02	0.4	-3007.4	71.0	53.4
1738	ok	0.15	0.7	3.37e-05	7.7	7.7	7.7	7.7	20.4	-3.40e-02	0.8	-2843.3	69.1	26.5
1739	ok	0.15	0.7	4.11e-05	7.7	7.7	7.7	7.7	20.6	0.3	1.2	-2617.8	65.8	-37.9
1740	ok	0.15	0.6	6.91e-05	7.7	7.7	7.7	7.7	20.5	0.3	1.6	-2339.5	64.8	-52.3
1741	ok	0.15	0.5	1.30e-04	7.7	7.7	7.7	7.7	20.1	0.2	2.1	-2011.4	63.4	-60.4
1742	ok	0.15	0.4	2.42e-04	7.7	7.7	7.7	7.7	19.5	9.89e-02	2.9	-1643.3	61.4	-60.0
1743	ok	0.15	0.3	4.37e-04	7.7	7.7	7.7	7.7	18.5	-1.42e-02	3.8	-1250.2	59.0	-48.3
1744	ok	0.15	0.2	7.49e-04	7.7	7.7	7.7	7.7	18.1	-0.4	5.6	-873.1	42.0	-57.7
1745	ok	0.15	0.1	1.19e-03	7.7	7.7	7.7	7.7	14.7	5.17e-02	6.5	-486.6	64.2	17.8
1746	ok	0.15	5.31e-02	1.67e-03	7.7	7.7	7.7	7.7	10.7	0.3	7.4	-160.3	94.1	121.6
1747	ok	0.15	0.2	7.17e-04	7.7	7.7	7.7	7.7	0.4	5.5	-4.1	-199.4	-96.8	574.3
1748	ok	0.15	0.2	1.42e-03	7.7	7.7	7.7	7.7	2.2	3.4	-6.0	-594.5	2.7	517.0
1749	ok	0.15	0.3	1.94e-03	7.7	7.7	7.7	7.7	3.7	1.3	-6.8	-997.4	70.6	517.3

1750	ok	0.15	0.4	2.16e-03	7.7	7.7	7.7	7.7	4.9	-0.2	-6.9	-1420.6	118.1	496.6
1751	ok	0.15	0.5	2.12e-03	7.7	7.7	7.7	7.7	5.7	-1.0	-6.4	-1829.3	146.1	453.9
1752	ok	0.15	0.6	1.91e-03	7.7	7.7	7.7	7.7	6.4	-1.4	-5.9	-2199.3	158.8	397.1
1753	ok	0.15	0.6	1.62e-03	7.7	7.7	7.7	7.7	6.8	-1.6	-5.2	-2519.9	158.2	334.9
1754	ok	0.15	0.7	1.31e-03	7.7	7.7	7.7	7.7	7.3	-1.5	-4.5	-2782.7	154.4	269.2
1755	ok	0.15	0.7	1.02e-03	7.7	7.7	7.7	7.7	7.9	-1.3	-3.7	-2985.4	147.9	204.5
1756	ok	0.15	0.8	7.83e-04	7.7	7.7	7.7	7.7	8.3	-1.1	-3.1	-3126.2	140.6	142.4
1757	ok	0.15	0.8	5.86e-04	7.7	7.7	7.7	7.7	8.8	-0.9	-2.5	-3204.4	133.9	83.8
1758	ok	0.15	0.8	4.32e-04	7.7	7.7	7.7	7.7	8.6	-0.7	-1.7	-3209.3	116.3	62.4
1759	ok	0.15	0.8	3.18e-04	7.7	7.7	7.7	7.7	8.8	-0.5	-1.2	-3161.1	113.8	17.5
1760	ok	0.15	0.8	2.41e-04	7.7	7.7	7.7	7.7	9.1	-0.2	-0.6	-3050.4	114.7	-26.2
1761	ok	0.15	0.7	2.06e-04	7.7	7.7	7.7	7.7	9.2	-0.2	-6.18e-02	-2877.7	118.3	-63.1
1762	ok	0.15	0.7	2.24e-04	7.7	7.7	7.7	7.7	9.3	-0.2	0.5	-2644.3	125.0	-95.7
1763	ok	0.15	0.6	3.28e-04	7.7	7.7	7.7	7.7	9.3	-0.4	1.1	-2352.4	135.3	-122.9
1764	ok	0.15	0.5	5.46e-04	7.7	7.7	7.7	7.7	10.0	-0.8	2.0	-2017.5	138.1	-204.8
1765	ok	0.15	0.4	9.24e-04	7.7	7.7	7.7	7.7	10.0	-1.4	2.9	-1625.5	147.3	-214.4
1766	ok	0.15	0.3	1.50e-03	7.7	7.7	7.7	7.7	10.1	-2.1	4.4	-1198.9	159.4	-205.2
1767	ok	0.15	0.2	2.27e-03	7.7	7.7	7.7	7.7	10.2	-2.7	6.5	-761.4	177.4	-168.3
1768	ok	0.15	9.17e-02	3.11e-03	7.7	7.7	7.7	7.7	10.0	-2.8	9.1	-350.9	208.3	-97.0
1769	ok	0.15	8.99e-02	3.77e-03	7.7	7.7	7.7	7.7	7.8	-1.0	10.2	33.7	341.8	88.2
1797	ok	0.15	0.2	3.12e-03	7.7	7.7	7.7	7.7	3.5	5.8	11.2	275.6	610.7	296.7
1798	ok	0.15	0.2	1.60e-03	7.7	7.7	7.7	7.7	1.0	10.5	7.8	150.4	796.4	366.9
1806	ok	0.15	0.5	1.43e-04	7.7	7.7	7.7	7.7	-0.3	30.2	0.5	-19.1	1787.3	207.9
1807	ok	0.15	0.4	4.37e-03	7.7	7.7	7.7	7.7	3.5	8.3	14.8	570.3	1302.5	575.7
1812	ok	0.15	0.5	2.06e-03	7.7	7.7	7.7	7.7	1.2	20.0	11.1	276.3	1639.9	705.6
1822	ok	0.15	4.89e-03	3.96e-04	7.7	7.7	7.7	7.7	-0.3	-0.6	-0.4	1.7	-19.0	-5.2
1823	ok	0.15	3.56e-02	5.91e-05	7.7	7.7	7.7	7.7	4.5	3.33e-02	0.8	100.4	-5.6	83.1
1826	ok	0.15	0.2	1.10e-04	7.7	7.7	7.7	7.7	-0.2	12.5	0.3	-6.9	883.7	109.5
1827	ok	0.15	8.04e-02	1.02e-04	7.7	7.7	7.7	7.7	-0.2	1.7	-4.30e-02	-1.6	319.7	60.0
1828	ok	0.15	2.95e-02	1.15e-04	7.7	7.7	7.7	7.7	0.4	-0.2	-5.93e-02	98.3	-12.6	56.2
1831	ok	0.15	8.80e-02	1.64e-03	7.7	7.7	7.7	7.7	4.7	2.2	6.7	129.3	187.2	196.2
1832	ok	0.15	9.86e-02	8.48e-04	7.7	7.7	7.7	7.7	1.8	3.7	4.0	84.9	273.9	201.5

Nodo	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
	0.15	13.68	0.05	7.70	7.70	7.70	7.70	-91.91	-57.55	-44.12	-1.051e+04	-1.440e+04	-2.232e+04
								32.78	136.85	34.42	2.124e+04	3.577e+04	1.265e+04

Nodo	Stato	Max tau daN/cm2	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr daN/cm	V sec daN/cm
52	ok	0.0						
54	ok	0.0						
1548	ok	0.0						
1549	ok	2.37						
1550	ok	1.48						
1551	ok	0.99						
1552	ok	0.62						
1553	ok	0.37						
1554	ok	0.60						
1555	ok	0.98						
1556	ok	1.50						
1557	ok	2.40						
1558	ok	0.0						
1559	ok	2.46						
1560	ok	2.42						
1561	ok	1.66						
1562	ok	1.41						
1563	ok	1.02						
1564	ok	0.67						
1565	ok	0.38						
1566	ok	0.22						
1567	ok	0.47						
1568	ok	0.79						
1569	ok	1.17						
1570	ok	1.64						
1571	ok	2.21						
1572	ok	4.02						
1573	ok	0.0						
1574	ok	0.0						
1575	ok	3.52						
1576	ok	1.82						
1577	ok	1.21						
1578	ok	0.79						
1579	ok	0.47						
1580	ok	0.45						

1581	ok	0.78							
1582	ok	1.21							
1583	ok	1.86							
1584	ok	3.34							
1585	ok	0.0							
1586	ok	0.0							
1587	ok	4.50							
1588	ok	2.44							
1589	ok	1.92							
1590	ok	1.39							
1591	ok	0.97							
1592	ok	0.62							
1593	ok	0.33							
1594	ok	0.25							
1595	ok	0.52							
1596	ok	0.84							
1597	ok	1.22							
1598	ok	1.56							
1599	ok	2.42							
1600	ok	4.02							
1601	ok	3.48							
1602	ok	2.62							
1603	ok	1.95							
1604	ok	1.50							
1605	ok	1.18							
1606	ok	0.93							
1607	ok	0.74							
1608	ok	0.57							
1609	ok	0.43							
1610	ok	0.32							
1611	ok	0.30							
1612	ok	0.40							
1613	ok	0.53							
1614	ok	0.69							
1615	ok	0.87							
1616	ok	1.08							
1617	ok	1.33							
1618	ok	1.66							
1619	ok	2.10							
1620	ok	2.73							
1621	ok	3.57							
1622	ok	4.50							
1623	ok	0.0							
1624	ok Av	6.92	0.33	0.03	9.4	0.8	114.5	10.3	
1625	ok	3.52							
1626	ok	2.37							
1627	ok	1.82							
1628	ok	1.48							
1629	ok	1.21							
1630	ok	0.99							
1631	ok	0.79							
1632	ok	0.62							
1633	ok	0.47							
1634	ok	0.37							
1635	ok	0.45							
1636	ok	0.60							
1637	ok	0.78							
1638	ok	0.98							
1639	ok	1.21							
1640	ok	1.50							
1641	ok	1.86							
1642	ok	2.40							
1643	ok	3.34							
1644	ok Av	5.54	0.26	0.02	7.5	0.5	91.8	6.3	
1645	ok	0.0							
1683	ok	0.61							
1684	ok	0.40							
1685	ok	0.66							
1686	ok	0.68							
1687	ok	0.62							
1688	ok	0.45							
1689	ok	0.23							
1690	ok	0.18							
1691	ok	0.44							
1692	ok	0.67							
1693	ok	0.85							
1694	ok	0.91							

1695	ok	0.86
1696	ok	0.79
1697	ok	1.49
1710	ok	1.52
1711	ok	0.93
1712	ok	0.76
1713	ok	0.91
1714	ok	0.90
1715	ok	0.78
1716	ok	0.56
1717	ok	0.31
1718	ok	0.11
1719	ok	0.34
1720	ok	0.55
1721	ok	0.66
1722	ok	0.68
1723	ok	0.62
1724	ok	0.79
1725	ok	0.77
1726	ok	0.82
1727	ok	0.82
1728	ok	0.82
1729	ok	0.77
1730	ok	0.68
1731	ok	0.58
1732	ok	0.45
1733	ok	0.32
1734	ok	0.19
1735	ok	0.18
1736	ok	0.31
1737	ok	0.44
1738	ok	0.56
1739	ok	0.67
1740	ok	0.78
1741	ok	0.87
1742	ok	0.95
1743	ok	0.99
1744	ok	1.00
1745	ok	1.00
1746	ok	0.98
1747	ok	1.49
1748	ok	1.01
1749	ok	1.02
1750	ok	1.02
1751	ok	0.97
1752	ok	0.87
1753	ok	0.75
1754	ok	0.62
1755	ok	0.48
1756	ok	0.34
1757	ok	0.21
1758	ok	0.15
1759	ok	0.27
1760	ok	0.42
1761	ok	0.56
1762	ok	0.71
1763	ok	0.85
1764	ok	0.99
1765	ok	1.13
1766	ok	1.26
1767	ok	1.37
1768	ok	1.45
1769	ok	1.50
1797	ok	1.52
1798	ok	1.46
1804	ok	2.10
1805	ok	0.0
1806	ok	1.13
1807	ok	2.46
1809	ok	0.0
1810	ok	2.10
1811	ok	1.13
1812	ok	2.24
1815	ok	4.15
1816	ok	3.06
1818	ok	0.0
1819	ok	4.19

1822	ok	0.35
1823	ok	0.45
1826	ok	0.87
1827	ok	0.59
1828	ok	0.37
1831	ok	0.89
1832	ok	0.86

Nodo	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
	6.92	0.33	0.03	9.40	0.84	114.54	10.26

Nodo	Stato	V 6.47	V 6.53	Beta	f. a fon	f. Uout	Aw tot	Asw,min	n. x serie	n.ser 0(R)	n.ser 90	Rif. cmb
							cm2	cm2				
52	ok	0.56	0.25	1.18	0.0	0.0	0.0	0.0	0	0	0	22
54	ok	0.46	0.20	1.30	0.0	0.0	0.0	0.0	0	0	0	8

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
18	20.00	159	4	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
									daN/cm	daN/cm	daN/cm	daN	daN	daN
58	ok	0.15	0.5	2.51e-03	7.7	7.7	7.7	7.7	-5.0	-2.1	1.1	1432.9	2094.6	-398.0
60	ok	0.15	0.4	6.85e-04	7.7	7.7	7.7	7.7	4.9	-0.9	2.3	1479.6	394.7	183.4
1770	ok	0.15	0.2	1.48e-03	7.7	7.7	7.7	7.7	-1.6	-1.1	0.8	704.9	671.6	-240.2
1771	ok	0.15	3.09e-02	1.06e-03	7.7	7.7	7.7	7.7	-0.8	-2.2	0.9	115.0	-70.7	18.0
1772	ok	0.15	0.2	9.71e-04	7.7	7.7	7.7	7.7	-0.3	-2.1	0.9	-167.9	-553.2	234.8
1773	ok	0.15	0.3	9.02e-04	7.7	7.7	7.7	7.7	-0.3	-1.9	0.8	-314.7	-828.4	401.1
1774	ok	0.15	0.3	8.37e-04	7.7	7.7	7.7	7.7	-0.2	-1.8	0.7	-375.3	-939.5	492.5
1775	ok	0.15	0.3	7.77e-04	7.7	7.7	7.7	7.7	-0.2	-1.7	0.6	-365.2	-910.3	506.9
1776	ok	0.15	0.2	7.14e-04	7.7	7.7	7.7	7.7	-0.2	-1.6	0.5	-283.6	-757.2	455.1
1777	ok	0.15	0.2	6.35e-04	7.7	7.7	7.7	7.7	-0.5	-1.5	0.3	-84.8	-467.1	367.1
1778	ok	0.15	0.1	6.92e-04	7.7	7.7	7.7	7.7	-0.3	-1.4	0.3	378.2	-12.0	281.8
1780	ok	0.15	0.2	1.24e-03	7.7	7.7	7.7	7.7	2.8	6.1	-7.4	-201.2	-504.0	230.7
1781	ok	0.15	0.2	6.17e-04	7.7	7.7	7.7	7.7	-1.3	8.9	-1.4	-321.5	-559.8	276.8
1782	ok	0.15	0.2	1.19e-03	7.7	7.7	7.7	7.7	-2.5	9.0	1.2	-306.7	-459.7	279.9
1783	ok	0.15	0.1	1.38e-03	7.7	7.7	7.7	7.7	-2.8	7.0	2.4	-234.1	-189.8	229.5
1784	ok	0.15	8.36e-02	1.85e-03	7.7	7.7	7.7	7.7	-3.2	4.8	3.3	-48.7	272.3	128.5
1785	ok	0.15	0.3	2.85e-03	7.7	7.7	7.7	7.7	-5.0	0.4	1.5	374.3	1044.3	16.5
1786	ok	0.15	0.2	2.19e-04	7.7	7.7	7.7	7.7	-0.4	0.8	0.1	63.3	593.1	-237.0
1787	ok	0.15	8.23e-02	0.0	7.7	7.7	7.7	7.7	0.9	1.0	-0.7	-118.9	-234.7	150.7
1788	ok	0.15	0.3	2.81e-05	7.7	7.7	7.7	7.7	0.9	2.6	-1.4	180.6	835.5	-442.7
1789	ok	0.15	0.2	0.0	7.7	7.7	7.7	7.7	2.1	5.8	-3.2	184.9	669.0	-371.9
1790	ok	0.15	5.14e-02	1.47e-05	7.7	7.7	7.7	7.7	2.0	5.3	-3.3	55.0	160.7	-86.4
1791	ok	0.15	0.1	8.82e-06	7.7	7.7	7.7	7.7	1.8	4.9	-3.0	-120.3	-329.2	211.7
1792	ok	0.15	0.2	2.29e-06	7.7	7.7	7.7	7.7	1.7	4.5	-2.8	-251.7	-647.8	422.6
1793	ok	0.15	0.3	0.0	7.7	7.7	7.7	7.7	1.5	4.1	-2.5	-312.1	-831.0	527.0
1794	ok	0.15	0.3	0.0	7.7	7.7	7.7	7.7	1.4	3.8	-2.3	-316.5	-868.7	540.5
1795	ok	0.15	0.3	0.0	7.7	7.7	7.7	7.7	1.3	3.4	-2.1	-275.7	-767.2	473.6
1796	ok	0.15	0.2	2.11e-05	7.7	7.7	7.7	7.7	1.2	2.7	-1.7	-202.9	-538.3	336.6
1799	ok	0.15	0.1	2.86e-02	7.7	7.7	7.7	7.7	-37.8	-35.5	24.7	-445.5	-218.8	185.1
1800	ok	0.15	0.1	1.12e-02	7.7	7.7	7.7	7.7	-5.3	-23.3	10.2	-130.4	-426.3	263.3
1801	ok	0.15	0.1	7.55e-03	7.7	7.7	7.7	7.7	-2.7	-16.0	6.5	-105.6	-374.0	240.4
1802	ok	0.15	5.88e-02	4.86e-03	7.7	7.7	7.7	7.7	-1.4	-8.1	3.5	-85.5	-95.6	151.7
1803	ok	0.15	7.82e-02	2.24e-03	7.7	7.7	7.7	7.7	-1.0	-4.1	2.0	-21.6	324.0	-20.0
1834	ok	0.15	1.13e-02	1.43e-04	7.7	7.7	7.7	7.7	-0.3	-0.3	-6.30e-02	-9.7	41.8	-16.2
1835	ok	0.15	9.87e-02	0.0	7.7	7.7	7.7	7.7	6.4	1.4	-0.3	320.7	143.8	146.1
1836	ok	0.15	2.71e-02	1.25e-04	7.7	7.7	7.7	7.7	1.1	0.1	0.8	30.2	61.4	63.2
1837	ok	0.15	9.82e-02	6.56e-03	7.7	7.7	7.7	7.7	-14.9	-2.0	2.9	-145.8	-315.8	153.8
1838	ok	0.15	0.1	2.40e-03	7.7	7.7	7.7	7.7	-2.4	1.8	-5.4	-80.6	-407.7	172.2
1839	ok	0.15	0.3	1.91e-03	7.7	7.7	7.7	7.7	-2.2	4.0	0.8	256.9	1165.6	-458.7
1840	ok	0.15	0.2	5.87e-04	7.7	7.7	7.7	7.7	0.8	0.5	-1.0	-175.9	-442.7	371.5
1841	ok	0.15	0.3	3.29e-05	7.7	7.7	7.7	7.7	0.8	0.9	-0.9	-325.3	-879.9	511.2
1842	ok	0.15	0.3	1.24e-04	7.7	7.7	7.7	7.7	0.7	0.6	-0.8	-283.8	-733.5	477.5
1843	ok	0.15	5.05e-02	3.64e-04	7.7	7.7	7.7	7.7	-0.2	1.2	-1.3	196.9	-7.1	-49.0
1844	ok	0.15	0.2	3.02e-05	7.7	7.7	7.7	7.7	0.8	1.1	-1.0	-255.2	-727.1	416.4
1845	ok	0.15	0.3	4.48e-05	7.7	7.7	7.7	7.7	0.7	0.8	-0.9	-335.4	-877.2	528.6
1846	ok	0.15	0.1	5.51e-05	7.7	7.7	7.7	7.7	0.8	1.2	-1.1	-97.3	-435.3	229.3
1847	ok	0.15	0.3	1.02e-03	7.7	7.7	7.7	7.7	-0.3	0.7	3.99e-02	544.9	665.5	-468.8
1848	ok	0.15	0.2	2.24e-03	7.7	7.7	7.7	7.7	-3.9	2.3	3.6	27.0	1022.6	-63.5

1849	ok	0.15	0.1	2.92e-03	7.7	7.7	7.7	7.7	-3.9	1.1	4.8	-104.3	362.5	143.7
1850	ok	0.15	9.56e-02	3.36e-03	7.7	7.7	7.7	7.7	-4.2	-0.5	5.6	-171.2	-103.7	257.6
1851	ok	0.15	0.1	4.16e-03	7.7	7.7	7.7	7.7	-5.3	-2.5	6.3	-212.1	-368.7	315.6
1852	ok	0.15	6.02e-02	1.02e-03	7.7	7.7	7.7	7.7	1.2	-5.73e-04	-1.9	-19.8	-43.6	198.7
1853	ok	0.15	0.2	8.86e-03	7.7	7.7	7.7	7.7	-16.7	-1.0	8.9	-289.3	-373.6	300.6

Nodo	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
	0.15	0.55	0.03	7.70	7.70	7.70	7.70	-37.83 6.41	-35.47 8.98	-7.44 24.70	-445.53 1479.58	-939.53 2094.57	-468.75 540.53

Nodo	Stato	Max tau daN/cm2	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr daN/cm	V sec daN/cm
58	ok	0.0						
60	ok	0.0						
1770	ok	0.0						
1771	ok	1.28						
1772	ok	0.87						
1773	ok	0.55						
1774	ok	0.28						
1775	ok	0.27						
1776	ok	0.52						
1777	ok	0.85						
1778	ok	0.0						
1780	ok	0.43						
1781	ok	0.43						
1782	ok	0.44						
1783	ok	0.74						
1784	ok	1.13						
1785	ok	0.0						
1786	ok	0.66						
1787	ok	0.53						
1788	ok	0.56						
1789	ok	0.81						
1790	ok	0.81						
1791	ok	0.77						
1792	ok	0.53						
1793	ok	0.28						
1794	ok	0.20						
1795	ok	0.40						
1796	ok	0.53						
1799	ok	0.17						
1800	ok	0.17						
1801	ok	0.39						
1802	ok	0.61						
1803	ok	0.66						
1834	ok	0.37						
1835	ok	0.0						
1836	ok	0.89						
1837	ok	0.81						
1838	ok	0.44						
1839	ok	0.0						
1840	ok	0.85						
1841	ok	0.28						
1842	ok	0.52						
1843	ok	1.28						
1844	ok	0.55						
1845	ok	0.27						
1846	ok	0.87						
1847	ok	1.88						
1848	ok	1.75						
1849	ok	1.13						
1850	ok	0.74						
1851	ok	0.44						
1852	ok	1.49						
1853	ok	0.52						

Nodo	Max tau 1.88	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
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Nodo	Stato	V 6.47	V 6.53	Beta	f. a fon	f. Uout	Aw tot cm2	Asw,min cm2	n. x serie	n.ser 0(R)	n.ser 90	Rif. cmb
58	ok	0.42	0.19	1.02	0.0	0.0	0.0	0.0	0	0	0	8
60	ok	0.20	0.08	1.44	0.0	0.0	0.0	0.0	0	0	0	8

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
19	20.00	159	4	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x daN/cm	N y daN/cm	N xy daN/cm	M x daN	M y daN	M xy daN
44	ok	0.15	0.9	4.99e-03	7.7	7.7	7.7	7.7	-4.9	-3.1	-8.7	3811.4	839.6	-321.8
56	ok	0.15	0.4	0.0	7.7	7.7	7.7	7.7	29.4	13.1	-0.5	1534.9	936.8	325.4
1854	ok	0.15	0.5	4.37e-03	7.7	7.7	7.7	7.7	-8.8	1.7	-0.9	2227.7	340.9	75.0
1855	ok	0.15	0.3	4.26e-03	7.7	7.7	7.7	7.7	-8.1	-2.5	4.3	1197.5	-207.0	4.2
1856	ok	0.15	0.1	5.17e-03	7.7	7.7	7.7	7.7	-5.1	-3.3	8.4	488.0	-266.5	-132.5
1857	ok	0.15	8.53e-02	5.17e-03	7.7	7.7	7.7	7.7	-1.0	-3.9	9.4	-45.4	-181.8	-224.3
1858	ok	0.15	0.1	4.74e-03	7.7	7.7	7.7	7.7	4.5	-4.2	10.3	-249.0	-110.4	-259.7
1859	ok	0.15	8.43e-02	3.26e-03	7.7	7.7	7.7	7.7	9.1	-1.4	9.2	-169.0	36.4	-248.9
1860	ok	0.15	0.1	9.14e-04	7.7	7.7	7.7	7.7	20.9	7.5	14.3	389.2	292.5	-227.8
1861	ok	0.15	0.6	7.19e-03	7.7	7.7	7.7	7.7	25.3	-0.6	-16.2	2282.2	271.8	-108.7
1862	ok	0.15	0.4	1.02e-02	7.7	7.7	7.7	7.7	17.3	-15.3	-7.8	1496.0	101.5	169.8
1863	ok	0.15	0.2	7.89e-03	7.7	7.7	7.7	7.7	4.1	-16.5	-3.0	804.7	156.0	312.9
1864	ok	0.15	0.2	8.90e-03	7.7	7.7	7.7	7.7	1.0	-19.8	-3.7	299.1	380.8	387.9
1865	ok	0.15	0.2	9.90e-03	7.7	7.7	7.7	7.7	1.5	-22.0	-4.6	-43.8	784.1	376.6
1866	ok	0.15	0.3	1.10e-02	7.7	7.7	7.7	7.7	7.9	-24.8	-3.6	-434.5	1266.1	376.7
1868	ok	0.15	5.92e-02	1.63e-03	7.7	7.7	7.7	7.7	5.6	1.5	7.4	-25.8	-167.6	-104.6
1870	ok	0.15	0.3	1.33e-03	7.7	7.7	7.7	7.7	28.2	1.0	9.1	894.0	-44.9	-328.0
1871	ok	0.15	0.1	4.98e-03	7.7	7.7	7.7	7.7	8.5	-3.0	11.8	-206.8	-69.9	-310.8
1873	ok	0.15	9.82e-02	3.83e-03	7.7	7.7	7.7	7.7	8.7	2.2	10.1	-149.4	-107.2	-256.4
1874	ok	0.15	0.1	2.89e-03	7.7	7.7	7.7	7.7	15.6	-1.3	11.4	313.5	-83.4	-270.3
1875	ok	0.15	9.23e-02	3.85e-03	7.7	7.7	7.7	7.7	10.1	-2.0	10.2	-56.5	-73.4	-304.1
1876	ok	0.15	6.65e-02	7.00e-03	7.7	7.7	7.7	7.7	6.1	-7.9	10.6	-174.3	-134.7	-112.9
1877	ok	0.15	0.3	9.04e-04	7.7	7.7	7.7	7.7	0.4	11.5	-5.4	65.2	530.9	705.1
1878	ok	0.15	0.7	1.16e-02	7.7	7.7	7.7	7.7	-13.6	-21.6	-11.1	2925.1	686.5	-14.0
1880	ok	0.15	0.5	1.65e-04	7.7	7.7	7.7	7.7	5.70e-02	70.9	-3.8	52.3	1648.7	333.5
1881	ok	0.15	0.3	2.07e-04	7.7	7.7	7.7	7.7	-0.3	55.3	-3.2	-11.2	1092.1	362.5
1882	ok	0.15	0.2	9.59e-05	7.7	7.7	7.7	7.7	-0.1	46.6	-2.2	-22.5	761.9	346.2
1883	ok	0.15	0.2	8.50e-05	7.7	7.7	7.7	7.7	1.74e-02	40.0	-1.8	-22.0	509.3	367.2
1884	ok	0.15	0.2	8.34e-04	7.7	7.7	7.7	7.7	-1.6	32.6	-2.3	-88.1	307.9	398.0
1885	ok	0.15	0.2	9.46e-03	7.7	7.7	7.7	7.7	-21.1	26.8	-10.7	-727.9	84.2	461.7
1887	ok	0.15	0.2	5.23e-04	7.7	7.7	7.7	7.7	47.2	-1.3	-0.6	805.1	35.1	-235.2
1888	ok	0.15	0.1	0.0	7.7	7.7	7.7	7.7	37.9	0.2	-0.3	378.6	7.2	-159.7
1889	ok	0.15	4.91e-02	0.0	7.7	7.7	7.7	7.7	26.4	6.80e-02	-5.90e-02	80.1	12.3	-146.4
1890	ok	0.15	7.21e-02	0.0	7.7	7.7	7.7	7.7	11.8	0.1	0.3	-220.0	14.0	-148.4
1891	ok	0.15	8.18e-02	1.78e-03	7.7	7.7	7.7	7.7	-3.4	0.1	1.0	-294.9	16.4	-125.3
1892	ok	0.15	8.55e-02	1.12e-02	7.7	7.7	7.7	7.7	-25.7	0.6	0.6	-357.9	86.8	-69.4
1893	ok	0.15	0.2	0.0	7.7	7.7	7.7	7.7	28.2	25.0	12.8	828.9	472.5	-43.7
1894	ok	0.15	8.22e-02	1.65e-03	7.7	7.7	7.7	7.7	17.8	2.4	12.0	79.5	116.2	-241.8
1895	ok	0.15	0.1	4.20e-03	7.7	7.7	7.7	7.7	7.6	-3.5	10.3	-242.1	-52.3	-265.3
1896	ok	0.15	0.1	5.02e-03	7.7	7.7	7.7	7.7	1.7	-4.2	10.0	-180.5	-149.3	-246.5
1897	ok	0.15	7.31e-02	5.24e-03	7.7	7.7	7.7	7.7	-2.7	-3.6	9.8	218.9	-235.2	-177.0
1898	ok	0.15	0.2	4.83e-03	7.7	7.7	7.7	7.7	-7.1	-2.7	6.9	813.3	-271.2	-68.9
1899	ok	0.15	0.4	3.81e-03	7.7	7.7	7.7	7.7	-8.1	-2.2	2.1	1645.2	21.6	70.3
1901	ok	0.15	0.6	1.76e-02	7.7	7.7	7.7	7.7	33.6	-20.5	-14.8	2221.7	126.5	264.3
1902	ok	0.15	0.4	3.98e-04	7.7	7.7	7.7	7.7	11.8	1.4	2.4	1719.3	-37.8	179.4
1903	ok	0.15	0.1	5.26e-03	7.7	7.7	7.7	7.7	9.0	-3.4	12.9	-241.1	-54.1	-310.4
1904	ok	0.15	0.1	4.51e-03	7.7	7.7	7.7	7.7	9.7	-1.0	11.5	-191.1	-9.7	-295.0
1905	ok	0.15	0.1	5.38e-03	7.7	7.7	7.7	7.7	6.3	-3.9	11.4	-242.5	-79.0	-288.1
1906	ok	0.15	0.1	5.19e-03	7.7	7.7	7.7	7.7	5.4	-3.4	10.8	-180.8	-97.0	-275.3
1907	ok	0.15	8.64e-02	4.87e-03	7.7	7.7	7.7	7.7	4.8	-3.0	10.2	-53.4	-117.7	-261.1
1908	ok	0.15	7.84e-02	2.78e-03	7.7	7.7	7.7	7.7	14.1	2.8	14.1	89.2	1.7	-277.3
1909	ok	0.15	9.06e-02	4.29e-03	7.7	7.7	7.7	7.7	6.3	-2.5	11.9	287.9	-153.2	-209.4
1910	ok	0.15	0.2	3.45e-03	7.7	7.7	7.7	7.7	6.7	-1.4	10.4	646.3	-167.6	-153.7
1911	ok	0.15	0.1	5.46e-03	7.7	7.7	7.7	7.7	4.0	-1.9	11.6	-304.3	-8.5	-377.6
1912	ok	0.15	0.2	2.41e-03	7.7	7.7	7.7	7.7	9.4	1.3	10.1	985.7	-162.3	-102.2
1913	ok	0.15	0.1	2.98e-03	7.7	7.7	7.7	7.7	9.7	-1.3	9.1	-215.7	-23.2	-377.4
1914	ok	0.15	0.1	1.64e-03	7.7	7.7	7.7	7.7	15.9	-0.7	7.0	-51.8	-20.1	-395.4
1915	ok	0.15	0.3	8.45e-04	7.7	7.7	7.7	7.7	10.0	2.1	6.2	1342.3	-123.1	48.7
1916	ok	0.15	0.2	1.11e-03	7.7	7.7	7.7	7.7	26.2	-0.6	7.9	392.1	-16.9	-377.9
1918	ok	0.15	0.1	3.00e-04	7.7	7.7	7.7	7.7	11.3	13.8	10.4	332.9	-56.1	-199.9
1919	ok	0.15	0.6	2.50e-03	7.7	7.7	7.7	7.7	10.0	-0.5	-9.7	41.1	2158.5	622.5
1920	ok	0.15	0.3	1.06e-03	7.7	7.7	7.7	7.7	1.2	11.6	-5.1	236.3	331.5	821.5
1921	ok	0.15	0.4	8.79e-03	7.7	7.7	7.7	7.7	22.5	-8.5	-7.5	1483.9	-197.9	681.0
1922	ok	0.15	0.3	6.35e-04	7.7	7.7	7.7	7.7	1.0	13.0	-6.1	-48.5	792.9	677.5

1923	ok	0.15	0.4	0.0	7.7	7.7	7.7	7.7	10.9	22.7	7.8	776.1	40.4	1190.7
1924	ok	0.15	0.4	1.38e-03	7.7	7.7	7.7	7.7	2.3	13.0	-8.2	-158.8	1173.3	689.8
1925	ok	0.15	0.2	2.37e-03	7.7	7.7	7.7	7.7	16.7	-0.7	10.4	611.7	-101.4	-227.1
1926	ok	0.15	0.1	2.13e-03	7.7	7.7	7.7	7.7	4.4	12.6	9.1	437.3	150.3	-191.8
1928	ok	0.15	0.2	8.30e-03	7.7	7.7	7.7	7.7	7.5	1.3	13.8	-533.5	-164.3	-264.6
1929	ok	0.15	0.5	2.32e-03	7.7	7.7	7.7	7.7	7.0	-5.6	1.9	2102.0	165.0	233.8
1930	ok	0.15	0.1	5.65e-03	7.7	7.7	7.7	7.7	8.6	-3.9	12.8	-262.8	-71.1	-309.7
1931	ok	0.15	0.1	5.67e-03	7.7	7.7	7.7	7.7	9.1	-1.8	11.5	-274.9	-90.5	-277.8

Nodo	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
	0.15	1.77	0.04	7.70	7.70	7.70	7.70	-59.16 93.31	-99.02 168.27	-23.16 30.52	-1574.35 3867.05	-271.24 8494.15	-4889.78 1190.71

Nodo	Stato	Max tau daN/cm2	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr daN/cm	V sec daN/cm
44	ok	0.0						
52	ok	0.0						
56	ok	0.0						
1804	ok	3.10						
1805	ok	0.0						
1809	ok	0.0						
1854	ok	1.95						
1855	ok	1.30						
1856	ok	0.92						
1857	ok	0.54						
1858	ok	0.22						
1859	ok	0.59						
1860	ok	1.36						
1861	ok	0.0						
1862	ok	1.10						
1863	ok	0.83						
1864	ok	0.62						
1865	ok	0.29						
1866	ok	1.10						
1867	ok Av	8.91	0.21	0.37	6.0	10.6	73.4	128.9
1868	ok	1.40						
1869	ok Av	8.91	0.21	0.37	6.0	10.6	73.4	128.9
1870	ok	1.28						
1871	ok	0.33						
1872	ok	1.75						
1873	ok	0.92						
1874	ok	0.78						
1875	ok	0.54						
1876	ok	0.43						
1877	ok	0.84						
1878	ok	0.0						
1879	ok	3.10						
1880	ok	2.67						
1881	ok	1.10						
1882	ok	0.69						
1883	ok	0.57						
1884	ok	0.78						
1885	ok	1.75						
1886	ok	1.53						
1887	ok	1.28						
1888	ok	0.98						
1889	ok	0.82						
1890	ok	0.59						
1891	ok	0.40						
1892	ok	0.34						
1893	ok	0.0						
1894	ok	0.94						
1895	ok	0.31						
1896	ok	0.37						
1897	ok	0.74						
1898	ok	1.10						
1899	ok	1.59						
1900	ok	1.53						
1901	ok	0.0						
1902	ok	1.59						
1903	ok	0.31						
1904	ok	0.59						
1905	ok	0.24						
1906	ok	0.37						
1907	ok	0.54						

1908	ok	0.94										
1909	ok	0.74										
1910	ok	0.92										
1911	ok	0.40										
1912	ok	1.10										
1913	ok	0.59										
1914	ok	0.82										
1915	ok	1.30										
1916	ok	0.98										
1917	ok	1.53										
1918	ok	1.36										
1919	ok	3.90										
1920	ok	0.78										
1921	ok	1.75										
1922	ok	0.69										
1923	ok	1.75										
1924	ok	1.10										
1925	ok	0.88										
1926	ok	0.0										
1927	ok Av	5.07	0.03	0.24	1.0	6.8	12.0	83.2				
1928	ok	0.34										
1929	ok	1.95										
1930	ok	0.18										
1931	ok	0.42										

Nodo	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
	8.91	0.21	0.37	6.02	10.58	73.37	128.90

Nodo	Stato	V 6.47	V 6.53	Beta	f. a fon	f. Uout	Aw tot cm2	Asw,min cm2	n. x serie	n.ser 0(R)	n.ser 90	Rif. cmb
44	ok	0.73	0.28	1.15	0.0	0.0	0.0	0.0	0	0	0	7
56	ok	0.41	0.18	1.05	0.0	0.0	0.0	0.0	0	0	0	8

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
20	20.00	159	4	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x daN/cm	N y daN/cm	N xy daN/cm	M x daN	M y daN	M xy daN
56	ok	0.15	0.3	0.0	7.7	7.7	7.7	7.7	18.9	10.6	3.4	974.6	283.5	164.3
1779	ok	0.15	9.07e-02	2.47e-04	7.7	7.7	7.7	7.7	6.8	1.6	-3.9	285.5	-188.7	208.3
1780	ok	0.15	0.2	6.08e-03	7.7	7.7	7.7	7.7	-4.9	0.4	-12.8	-326.0	-491.0	258.5
1868	ok	0.15	9.05e-02	1.84e-03	7.7	7.7	7.7	7.7	1.6	2.3	6.6	338.0	-216.7	-146.5
1926	ok	0.15	0.2	0.0	7.7	7.7	7.7	7.7	19.0	14.4	1.2	629.1	328.5	-141.7

Nodo	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x daN/cm	N y daN/cm	N xy daN/cm	M x daN	M y daN	M xy daN
	0.15	0.25	6.08e-03	7.70	7.70	7.70	7.70	-4.87	0.43	-12.79	-325.96	-490.97	-146.51
								18.98	14.37	6.65	974.59	328.46	258.46

Nodo	Stato	Max tau daN/cm2	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr daN/cm	V sec daN/cm
56	ok	0.0						
1779	ok	2.34						
1780	ok	1.02						
1868	ok	1.02						
1926	ok	0.0						

Nodo	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
	2.34						

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
21	20.00	159	4	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x daN/cm	N y daN/cm	N xy daN/cm	M x daN	M y daN	M xy daN
1799	ok	0.15	8.76e-02	3.21e-02	7.7	7.7	7.7	7.7	-71.8	-4.0	12.5	-393.4	-161.1	62.8
1892	ok	0.15	0.1	1.40e-02	7.7	7.7	7.7	7.7	-33.9	-0.9	1.5	-479.9	15.1	-56.6
1928	ok	0.15	9.57e-02	4.12e-03	7.7	7.7	7.7	7.7	15.9	-2.5	13.0	-157.9	-50.6	-269.9

Nodo	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x -71.79	N y -3.98	N xy 1.47	M x -479.92	M y -161.14	M xy -269.94
	0.15	0.11	0.03	7.70	7.70	7.70	7.70	15.95	-0.85	13.04	-157.90	15.09	62.85

Nodo	Stato	Max tau daN/cm2	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr daN/cm	V sec daN/cm
1799	ok	0.92						
1892	ok	1.39						
1928	ok	2.24						

Nodo	Max tau 2.24	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
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Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
22	20.00	159	4	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x daN/cm	N y daN/cm	N xy daN/cm	M x daN	M y daN	M xy daN
1799	ok	0.15	7.90e-02	2.46e-02	7.7	7.7	7.7	7.7	-50.2	-24.2	15.5	-352.4	-154.7	-15.8
1837	ok	0.15	8.27e-02	6.79e-03	7.7	7.7	7.7	7.7	-12.3	-4.3	0.5	-160.8	-287.4	92.0
1838	ok	0.15	0.1	2.01e-03	7.7	7.7	7.7	7.7	-2.8	9.0	-4.6	-63.2	-441.5	99.6
1876	ok	0.15	0.1	9.40e-03	7.7	7.7	7.7	7.7	13.1	2.0	10.7	-334.0	-140.4	-157.3
1928	ok	0.15	6.39e-02	2.87e-03	7.7	7.7	7.7	7.7	6.7	5.4	13.1	-11.6	-132.7	-146.6

Nodo	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x -50.20	N y -24.24	N xy -4.65	M x -352.43	M y -441.47	M xy -157.30
	0.15	0.12	0.02	7.70	7.70	7.70	7.70	13.14	9.02	15.52	-11.56	-132.75	99.65

Nodo	Stato	Max tau daN/cm2	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr daN/cm	V sec daN/cm
1799	ok	2.80						
1837	ok	0.74						
1838	ok	1.64						
1876	ok	2.22						
1928	ok	1.14						

Nodo	Max tau 2.80	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
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Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
23	20.00	159	4	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x daN/cm	N y daN/cm	N xy daN/cm	M x daN	M y daN	M xy daN
1780	ok	0.15	0.1	8.23e-04	7.7	7.7	7.7	7.7	0.8	12.4	-6.1	-10.4	-486.0	104.0
1838	ok	0.15	0.2	8.87e-03	7.7	7.7	7.7	7.7	-1.9	6.6	-2.7	-108.3	-523.0	221.7
1868	ok	0.15	8.05e-02	5.72e-03	7.7	7.7	7.7	7.7	6.7	6.0	6.5	-141.7	-318.0	-29.2
1876	ok	0.15	6.78e-02	4.50e-03	7.7	7.7	7.7	7.7	7.9	1.0	8.9	-177.5	-151.5	-107.2

Nodo	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x -1.90	N y 1.01	N xy -6.10	M x -177.50	M y -523.02	M xy -107.18
	0.15	0.15	8.87e-03	7.70	7.70	7.70	7.70	7.90	12.38	8.94	-10.40	-151.49	221.72

Nodo	Stato	Max tau daN/cm2	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr daN/cm	V sec daN/cm
1780	ok	2.82						
1838	ok	0.61						
1868	ok	1.62						
1876	ok	0.47						

Nodo	Max tau 2.82	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
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Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
24	20.00	159	4	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
1672	ok	0.15	0.1	3.77e-02	7.7	7.7	7.7	7.7	61.6	-81.1	-16.0	-304.7	677.7	90.1
1673	ok	0.15	0.2	2.38e-02	7.7	7.7	7.7	7.7	8.1	-57.6	0.5	-52.7	576.3	471.7
1674	ok	0.15	0.3	2.79e-02	7.7	7.7	7.7	7.7	11.5	-36.2	2.5	27.4	702.9	847.8
1677	ok	0.15	0.3	5.12e-03	7.7	7.7	7.7	7.7	52.0	91.5	-8.9	-165.8	330.8	783.8
1678	ok	0.15	0.2	3.37e-04	7.7	7.7	7.7	7.7	-0.8	46.9	-1.0	-123.8	270.3	604.9
1679	ok	0.15	0.2	3.91e-03	7.7	7.7	7.7	7.7	8.5	-4.2	-0.9	-349.0	248.5	516.6
1706	ok	0.15	0.3	4.77e-02	7.7	7.7	7.7	7.7	-41.2	-65.7	66.7	1203.7	551.5	15.1
1707	ok	0.15	0.5	2.50e-02	7.7	7.7	7.7	7.7	-39.8	22.8	42.7	1391.8	-69.8	1070.1
1708	ok	0.15	0.6	3.14e-02	7.7	7.7	7.7	7.7	-77.7	33.8	15.5	557.0	267.7	1815.9
1709	ok	0.15	0.3	1.82e-02	7.7	7.7	7.7	7.7	-1.9	-16.7	31.7	697.8	373.1	518.0
1808	ok	0.15	0.4	1.93e-02	7.7	7.7	7.7	7.7	-13.3	10.3	43.6	777.2	87.7	1085.3
1813	ok	0.15	0.4	1.31e-02	7.7	7.7	7.7	7.7	-8.0	25.0	33.0	359.4	238.7	1360.2
1814	ok	0.15	0.5	1.15e-02	7.7	7.7	7.7	7.7	27.1	25.6	43.2	1008.1	371.5	967.1
1817	ok	0.15	0.4	1.55e-02	7.7	7.7	7.7	7.7	-2.4	19.2	40.6	692.8	226.5	1172.5
1820	ok	0.15	0.4	1.98e-02	7.7	7.7	7.7	7.7	-9.9	0.9	45.3	473.4	316.2	987.7
1824	ok	0.15	0.6	4.65e-03	7.7	7.7	7.7	7.7	36.2	16.1	35.1	782.6	324.9	1468.8
1830	ok	0.15	0.4	9.64e-03	7.7	7.7	7.7	7.7	65.9	-22.5	-7.5	1380.1	44.0	650.8

Nodo	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
	0.15	5.85	0.13	7.70	7.70	7.70	7.70	-116.21	-295.59	-81.44	-4984.07	-3736.37	-5017.41
								105.96	92.82	112.45	8696.03	7193.32	7087.04

Nodo	Stato	Max tau daN/cm2	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr daN/cm	V sec daN/cm
42	ok	0.0						
50	ok	0.0						
67	ok Av	5.41	0.21	0.15	6.0	4.4	72.6	53.1
1671	ok	0.0						
1672	ok	1.84						
1673	ok	0.84						
1674	ok	1.36						
1675	ok	4.78						
1676	ok Av	5.41	0.21	0.15	6.0	4.4	72.6	53.1
1677	ok	1.88						
1678	ok	0.93						
1679	ok	0.76						
1680	ok	3.36						
1681	ok	3.36						
1700	ok	0.0						
1701	ok Av	6.13	0.20	0.27	5.6	7.9	68.7	95.7
1702	ok Av	5.41	0.21	0.15	6.0	4.4	72.6	53.1
1703	ok	0.0						
1704	ok Av	6.13	0.20	0.27	5.6	7.9	68.7	95.7
1705	ok Av	5.41	0.21	0.15	6.0	4.4	72.6	53.1
1706	ok	2.66						
1707	ok	2.66						
1708	ok	2.16						
1709	ok	1.02						
1808	ok	1.02						
1813	ok	0.93						
1814	ok	1.36						
1817	ok	0.61						
1820	ok	0.76						
1821	ok	4.78						
1824	ok	0.61						

1825	ok	3.36
1829	ok	4.78
1830	ok	0.41
1833	ok	3.36

Nodo	Max tau 6.13	Ver V pr 0.21	Ver V sec 0.27	Af V pr 5.96	Af V sec 7.86	V pr 72.56	V sec 95.71
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Nodo	Stato	V 6.47	V 6.53	Beta	f. a fon	f. Uout	Aw tot cm2	Asw,min cm2	n. x serie	n.ser 0(R)	n.ser 90	Rif. cmb
42	ok	0.84	0.32	1.04	0.0	0.0	0.0	0.0	0	0	0	8

< TABELLA VERIFICHE ELEMENTI - MATERIALI NUOVI >

Parete	H totale	Spessore	H critica	H critica V	L totale	L confinata	Verif. N	Verif. N-M	Fattore V	Diagramma V	Verif. V	Prog. composta
	cm	cm	cm	cm	cm	cm						
1	325.00	20.00	300.00	300.00	377.71	75.54	ok	ok	1.00	NO	ok	SI

Quota cm	Af conf.	Af std	Af V (ori)	Ver. N	Ver. N/M	Ver. V cls	Ver. V acc	Ver. V acc(7)	Ver. V scorr.	N add daN	M invil daN	V invil daN
0.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.6	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.1	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.7	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.2	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.8	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.4	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.9	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.5	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.1	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.6	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.1	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.2	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.4	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.5	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.6	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.8	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.9	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.1	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.2	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.7	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.4	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.1	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111.8	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.4	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.1	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.8	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.5	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.2	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121.9	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.2	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144.5	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
146.8	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
149.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
151.2	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153.5	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155.8	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
158.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160.2	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

175.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.8	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180.6	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
183.4	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
186.2	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
189.1	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
191.9	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
194.7	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
197.5	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200.3	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
203.1	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
210.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
213.4	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
216.8	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
220.1	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
223.5	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
226.9	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230.2	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
233.6	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
237.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
240.4	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
243.8	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
245.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
248.9	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
252.9	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
256.8	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
260.8	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
264.7	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
268.6	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
272.6	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
276.5	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
280.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
280.4	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
284.4	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
284.5	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
289.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
293.5	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
298.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
302.5	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
307.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
311.5	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
316.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320.5	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
325.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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38.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
71.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
73.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
77.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
79.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
106.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
110.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
113.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
115.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
116.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
146.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
149.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
151.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
155.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
158.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
183.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
186.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
189.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
191.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
194.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
197.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
203.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
210.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
213.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
216.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
220.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
223.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
226.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
233.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
237.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
240.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
243.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
245.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
248.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
252.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
256.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
260.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
264.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
268.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
272.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
276.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
280.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
280.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
284.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
284.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
289.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
293.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
298.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
302.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
307.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

[illegible]

Quota	V[7.4.16]	N	M	V	alfaS	VRd,c	VRd,s	V[7.4.17]	roH	roV	roN
cm		daN	daN	cm	daN	daN	daN				
0.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
35.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
35.6	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
36.1	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
36.7	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
37.2	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
37.8	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
38.4	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
38.9	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
39.5	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
40.1	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
40.6	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
70.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
71.1	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
72.2	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
73.4	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
74.5	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
75.6	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
76.8	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
77.9	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
79.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
80.1	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
81.2	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
105.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
106.7	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
108.4	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
110.1	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
111.8	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
113.4	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
115.1	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
116.8	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
118.5	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
120.2	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
121.9	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
140.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
142.2	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
144.5	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
146.8	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
149.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
151.2	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
153.5	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
155.8	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
158.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
160.2	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
162.5	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
175.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
177.8	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
180.6	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
183.4	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
186.2	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
189.1	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
191.9	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
194.7	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
197.5	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
200.3	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
203.1	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
210.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
213.4	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
216.8	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
220.1	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
223.5	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
226.9	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
230.2	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
233.6	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
237.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
240.4	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
243.8	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
245.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0

248.9	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
252.9	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
256.8	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
260.8	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
264.7	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
268.6	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
272.6	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
276.5	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
280.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
280.4	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
284.4	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
284.5	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
289.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
293.5	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
298.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
302.5	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
307.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
311.5	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
316.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
320.5	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
325.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0

Quota V[7.4.16]
0.0

V[7.4.17]
0.0

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
									daN/cm	daN/cm	daN/cm	daN	daN	daN
35	ok	0.22	1.27e-02	1.34e-02	10.1	10.1	5.7	5.7	-38.4	-5.5	0.3	-45.9	-4.7	-5.2
36	ok	0.22	0.2	0.1	10.1	10.1	5.7	5.7	-295.2	-58.8	-112.0	578.4	-150.2	30.1
37	ok	0.22	0.2	4.20e-02	10.1	10.1	5.7	5.7	-119.2	-15.7	-15.9	-1047.8	-138.9	-51.0
38	ok	0.23	1.0	0.4	19.7	12.1	15.3	7.7	-1103.2	-175.7	481.5	1.038e+04	2598.2	-4909.6
70	ok	0.22	8.53e-02	4.10e-02	10.1	10.1	5.7	5.7	-89.7	-12.2	-32.2	-321.3	220.2	6.9
71	ok	0.22	7.20e-02	4.62e-02	10.1	10.1	5.7	5.7	-42.2	-68.7	-67.5	125.4	43.0	-66.9
72	ok	0.22	0.1	9.83e-04	10.1	10.1	5.7	5.7	187.6	40.5	53.4	-324.2	203.9	-280.3
73	ok	0.22	2.35e-02	2.49e-02	10.1	10.1	5.7	5.7	-66.3	0.1	-19.8	-12.9	-33.0	-7.5
74	ok	0.22	2.04e-02	1.97e-02	10.1	10.1	5.7	5.7	-37.8	-8.1	-28.6	18.3	9.4	-43.3
75	ok	0.22	1.81e-02	1.88e-02	10.1	10.1	5.7	5.7	-46.0	0.4	-16.4	-11.5	-54.8	8.1
76	ok	0.22	1.78e-02	1.74e-02	10.1	10.1	5.7	5.7	-33.9	-2.8	-24.2	18.5	-24.2	-6.8
77	ok	0.22	1.72e-02	1.54e-02	10.1	10.1	5.7	5.7	-37.1	0.9	-13.8	-8.7	-57.2	13.3
78	ok	0.22	1.57e-02	1.57e-02	10.1	10.1	5.7	5.7	-35.2	-2.7	-17.6	12.3	-31.4	29.4
79	ok	0.22	1.30e-02	1.32e-02	10.1	10.1	5.7	5.7	-31.8	0.8	-11.6	-4.9	-39.8	17.8
80	ok	0.22	1.54e-02	1.43e-02	10.1	10.1	5.7	5.7	-31.8	-2.1	-13.3	2.8	-30.8	46.6
81	ok	0.22	1.17e-02	1.20e-02	10.1	10.1	5.7	5.7	-29.4	0.7	-9.5	-2.21e-02	-14.6	17.6
82	ok	0.22	1.45e-02	1.35e-02	10.1	10.1	5.7	5.7	-32.4	-2.1	-9.3	-8.2	-23.7	46.7
83	ok	0.22	1.15e-02	1.19e-02	10.1	10.1	5.7	5.7	-31.4	2.1	-9.8	19.0	12.5	9.8
84	ok	0.22	1.29e-02	1.34e-02	10.1	10.1	5.7	5.7	-38.7	-3.5	-3.0	-24.3	-24.7	23.2
85	ok	0.22	1.18e-02	1.23e-02	10.1	10.1	5.7	5.7	-33.6	-7.0	-4.3	-48.8	-14.0	-3.2
86	ok	0.22	4.82e-02	7.29e-03	10.1	10.1	5.7	5.7	1.7	-0.7	-7.1	119.3	35.0	-146.4
87	ok	0.22	4.09e-02	6.91e-04	10.1	10.1	5.7	5.7	-0.5	28.1	6.4	203.6	30.2	-67.0
88	ok	0.22	2.71e-02	1.35e-02	10.1	10.1	5.7	5.7	-14.3	-8.8	-23.3	50.6	-16.8	-55.2
89	ok	0.22	1.59e-02	1.50e-02	10.1	10.1	5.7	5.7	-22.5	-6.5	-24.4	58.3	-28.8	-15.0
90	ok	0.22	1.55e-02	1.48e-02	10.1	10.1	5.7	5.7	-26.3	-6.4	-18.7	44.7	-31.3	25.8
91	ok	0.22	1.53e-02	1.41e-02	10.1	10.1	5.7	5.7	-29.4	-6.4	-14.2	14.3	-32.1	49.2
92	ok	0.22	1.64e-02	1.37e-02	10.1	10.1	5.7	5.7	-32.4	-6.3	-9.5	-20.6	-27.3	50.9
93	ok	0.22	1.46e-02	1.39e-02	10.1	10.1	5.7	5.7	-35.2	-6.6	-5.5	-55.3	-20.4	32.1
94	ok	0.22	1.31e-02	1.33e-02	10.1	10.1	5.7	5.7	-37.6	-7.5	-3.3	-77.6	-15.0	4.1
95	ok	0.22	4.75e-02	4.62e-03	10.1	10.1	5.7	5.7	-5.0	13.4	-4.3	153.0	7.3	-144.4
96	ok	0.22	3.16e-02	2.23e-03	10.1	10.1	5.7	5.7	-5.8	31.2	2.0	125.3	1.3	-81.3
97	ok	0.22	3.46e-02	9.96e-03	10.1	10.1	5.7	5.7	-9.3	-0.9	-17.4	143.4	-23.3	-82.5
98	ok	0.22	2.21e-02	1.28e-02	10.1	10.1	5.7	5.7	-16.6	-7.6	-21.2	109.3	-43.2	-16.3
99	ok	0.22	1.55e-02	1.36e-02	10.1	10.1	5.7	5.7	-22.2	-10.0	-19.2	76.0	-45.2	29.3
100	ok	0.22	1.80e-02	1.36e-02	10.1	10.1	5.7	5.7	-27.4	-10.6	-15.1	26.4	-40.2	55.5
101	ok	0.22	2.05e-02	1.36e-02	10.1	10.1	5.7	5.7	-32.2	-10.5	-8.1	-33.7	-32.7	63.4
102	ok	0.22	2.08e-02	1.42e-02	10.1	10.1	5.7	5.7	-38.9	-10.3	-3.5	-91.3	-26.3	40.4
103	ok	0.22	2.15e-02	1.41e-02	10.1	10.1	5.7	5.7	-40.2	-8.1	-4.9	-128.6	-25.0	6.5
104	ok	0.22	5.84e-02	5.00e-03	10.1	10.1	5.7	5.7	-6.9	20.8	-6.6	191.5	-2.9	-176.2
105	ok	0.22	3.82e-02	3.17e-03	10.1	10.1	5.7	5.7	-8.2	36.7	2.8	125.1	0.9	-116.8
106	ok	0.22	4.53e-02	8.67e-03	10.1	10.1	5.7	5.7	-9.0	3.3	-13.5	219.7	-41.4	-89.6
107	ok	0.22	3.33e-02	1.14e-02	10.1	10.1	5.7	5.7	-14.4	-8.7	-15.5	173.1	-56.2	-11.2
108	ok	0.22	2.37e-02	1.25e-02	10.1	10.1	5.7	5.7	-20.7	-13.5	-15.4	117.7	-55.6	43.6
109	ok	0.22	2.23e-02	1.30e-02	10.1	10.1	5.7	5.7	-27.7	-14.6	-11.7	40.2	-48.5	73.8
110	ok	0.22	2.64e-02	1.37e-02	10.1	10.1	5.7	5.7	-36.7	-14.3	-5.7	-45.8	-39.5	75.9
111	ok	0.22	2.89e-02	1.50e-02	10.1	10.1	5.7	5.7	-41.6	-12.8	-5.9	-135.7	-36.4	52.0
112	ok	0.22	3.27e-02	1.53e-02	10.1	10.1	5.7	5.7	-43.9	-9.0	-3.2	-198.3	-38.8	8.6
113	ok	0.22	8.04e-02	5.44e-03	10.1	10.1	5.7	5.7	-8.0	25.9	-12.5	266.8	4.9	-233.8

114	ok	0.22	5.78e-02	3.53e-03	10.1	10.1	5.7	5.7	-9.7	45.5	0.7	179.3	16.7	-168.7
115	ok	0.22	6.18e-02	8.30e-03	10.1	10.1	5.7	5.7	-8.5	3.7	-13.6	321.7	-47.9	-98.8
116	ok	0.22	4.70e-02	1.04e-02	10.1	10.1	5.7	5.7	-14.3	-11.8	-11.6	234.5	-60.9	0.4
117	ok	0.22	3.37e-02	1.14e-02	10.1	10.1	5.7	5.7	-22.2	-17.5	-9.8	166.8	-61.1	64.8
118	ok	0.22	2.73e-02	1.26e-02	10.1	10.1	5.7	5.7	-33.2	-18.3	-5.7	57.1	-54.9	102.3
119	ok	0.22	3.38e-02	1.46e-02	10.1	10.1	5.7	5.7	-41.0	-16.9	-3.7	-72.7	-50.0	102.6
120	ok	0.22	3.93e-02	1.66e-02	10.1	10.1	5.7	5.7	-44.7	-14.0	-2.0	-192.5	-49.5	69.6
121	ok	0.22	4.70e-02	1.73e-02	10.1	10.1	5.7	5.7	-49.8	-10.2	-0.8	-288.8	-56.8	11.2
122	ok	0.22	0.1	5.53e-03	10.1	10.1	5.7	5.7	-6.9	29.8	-16.9	420.2	31.2	-306.9
123	ok	0.22	9.21e-02	3.36e-03	10.1	10.1	5.7	5.7	-9.2	59.2	-2.0	326.6	50.9	-237.9
124	ok	0.22	8.58e-02	8.09e-03	10.1	10.1	5.7	5.7	-7.0	-1.5	-15.2	467.2	-41.0	-110.8
125	ok	0.22	6.47e-02	9.42e-03	10.1	10.1	5.7	5.7	-15.5	-18.9	-7.2	355.6	-57.7	17.0
126	ok	0.22	4.60e-02	1.08e-02	10.1	10.1	5.7	5.7	-30.1	-21.7	-0.4	237.4	-57.5	96.1
127	ok	0.22	3.21e-02	1.47e-02	10.1	10.1	5.7	5.7	-39.1	-19.7	1.6	71.1	-56.8	131.0
128	ok	0.22	4.21e-02	1.76e-02	10.1	10.1	5.7	5.7	-50.3	-17.3	1.1	-102.5	-58.8	127.1
129	ok	0.22	5.18e-02	1.96e-02	10.1	10.1	5.7	5.7	-53.9	-14.5	0.8	-265.3	-65.5	85.9
130	ok	0.22	6.48e-02	2.03e-02	10.1	10.1	5.7	5.7	-58.3	-11.8	1.5	-404.1	-79.8	14.3
131	ok	0.22	0.2	5.93e-03	10.1	10.1	5.7	5.7	-4.7	28.3	-22.5	683.0	76.3	-415.2
132	ok	0.22	0.1	2.46e-03	10.1	10.1	5.7	5.7	-6.5	78.9	-7.0	576.5	103.3	-333.9
133	ok	0.22	0.1	9.02e-03	10.1	10.1	5.7	5.7	-5.7	-19.1	-7.4	680.8	-16.6	-121.4
134	ok	0.22	8.67e-02	1.37e-02	10.1	10.1	5.7	5.7	-26.4	-27.6	8.0	505.7	-37.2	50.2
135	ok	0.22	5.97e-02	1.81e-02	10.1	10.1	5.7	5.7	-42.1	-23.8	12.1	297.6	-40.2	130.8
136	ok	0.22	3.56e-02	2.08e-02	10.1	10.1	5.7	5.7	-54.5	-17.9	9.6	78.1	-50.7	159.5
137	ok	0.22	5.07e-02	2.27e-02	10.1	10.1	5.7	5.7	-64.5	-14.9	5.4	-140.1	-66.9	150.9
138	ok	0.22	6.64e-02	2.40e-02	10.1	10.1	5.7	5.7	-66.5	-13.3	2.7	-353.9	-85.4	103.5
139	ok	0.22	8.71e-02	2.41e-02	10.1	10.1	5.7	5.7	-69.1	-13.8	2.5	-548.7	-108.9	18.4
140	ok	0.22	0.3	9.90e-03	10.1	10.1	5.7	5.7	-16.1	4.3	-19.1	1283.0	200.7	-693.3
141	ok	0.22	0.3	1.15e-03	10.1	10.1	5.7	5.7	-0.6	109.5	-17.2	1022.8	170.7	-502.2
142	ok	0.22	0.2	3.02e-02	10.1	10.1	5.7	5.7	-12.6	-65.6	30.1	948.6	51.8	-103.2
143	ok	0.22	0.1	2.80e-02	10.1	10.1	5.7	5.7	-55.4	-32.3	32.1	636.1	18.2	100.0
144	ok	0.22	7.10e-02	2.83e-02	10.1	10.1	5.7	5.7	-69.5	-18.5	24.9	342.0	-12.8	164.1
145	ok	0.22	4.10e-02	2.84e-02	10.1	10.1	5.7	5.7	-78.8	-12.0	14.5	77.7	-37.8	183.3
146	ok	0.22	5.86e-02	2.87e-02	10.1	10.1	5.7	5.7	-82.4	-9.3	7.1	-182.0	-72.7	170.0
147	ok	0.22	8.26e-02	2.91e-02	10.1	10.1	5.7	5.7	-81.0	-10.3	2.3	-453.1	-110.0	122.5
148	ok	0.22	0.1	2.80e-02	10.1	10.1	5.7	5.7	-81.0	-15.9	1.0	-729.6	-145.7	24.7
149	ok	0.22	0.6	0.2	10.1	10.1	5.7	5.7	-94.1	-290.4	208.1	3465.4	1082.8	-1680.3
150	ok	0.31	0.8	1.37e-02	19.4	10.1	11.6	5.7	663.9	242.0	-231.8	-3173.2	-973.0	1039.8
151	ok	0.22	0.2	6.21e-02	10.1	10.1	5.7	5.7	-139.9	-34.8	71.2	1185.3	202.6	33.7
152	ok	0.22	0.1	4.59e-02	10.1	10.1	5.7	5.7	-119.8	-11.4	36.3	713.1	49.9	186.4
153	ok	0.22	8.51e-02	3.90e-02	10.1	10.1	5.7	5.7	-108.7	-6.1	20.5	371.5	11.4	228.3
154	ok	0.22	5.17e-02	3.54e-02	10.1	10.1	5.7	5.7	-101.2	-3.5	11.4	65.9	-17.8	238.6
155	ok	0.22	6.97e-02	3.40e-02	10.1	10.1	5.7	5.7	-95.5	-2.1	5.5	-233.1	-52.1	213.5
156	ok	0.22	9.91e-02	3.59e-02	10.1	10.1	5.7	5.7	-95.0	-5.3	1.4	-551.0	-109.9	123.1
157	ok	0.22	0.2	3.23e-02	10.1	10.1	5.7	5.7	-86.2	-18.6	-3.1	-922.1	-199.0	48.5
158	ok	0.22	0.3	0.2	10.1	10.1	5.7	5.7	-425.0	-14.7	25.7	1099.0	-888.2	1162.4
159	ok	0.22	0.2	8.15e-02	10.1	10.1	5.7	5.7	-236.1	3.1	11.2	1307.8	5.6	82.4
160	ok	0.22	0.1	5.61e-02	10.1	10.1	5.7	5.7	-162.7	1.5	3.9	753.7	3.6	117.2
161	ok	0.22	6.65e-02	4.46e-02	10.1	10.1	5.7	5.7	-129.3	0.7	2.3	370.3	2.0	134.6
162	ok	0.22	3.41e-02	3.87e-02	10.1	10.1	5.7	5.7	-112.2	0.4	1.8	48.4	1.6	136.4
163	ok	0.22	5.29e-02	3.56e-02	10.1	10.1	5.7	5.7	-101.0	0.6	1.6	-269.8	-0.9	120.6
164	ok	0.22	9.89e-02	3.42e-02	10.1	10.1	5.7	5.7	-97.7	7.7	6.3	-579.5	53.5	97.4

Nodo	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
	0.31	0.97	0.40	19.68	12.14	15.28	7.74	-1103.23 663.94	-290.43 242.02	-231.85 481.51	-3173.18 1.038e+04	-972.97 2598.23	-4909.55 1162.44

Nodo	Stato	Max tau daN/cm2	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr daN/cm	V sec daN/cm
35	ok	0.11						
36	ok	0.49						
37	ok	0.92						
38	ok Av	6.12	4.77e-03	0.28	0.1	6.9	1.7	95.4
70	ok	0.49						
71	ok	0.49						
72	ok	0.49						
73	ok	0.21						
74	ok	0.21						
75	ok	0.14						
76	ok	0.14						
77	ok	0.09						
78	ok	0.09						
79	ok	0.05						
80	ok	0.05						
81	ok	0.05						
82	ok	0.05						

83	ok	0.11							
84	ok	0.11							
85	ok	0.11							
86	ok	0.23							
87	ok	0.23							
88	ok	0.14							
89	ok	0.11							
90	ok	0.08							
91	ok	0.07							
92	ok	0.07							
93	ok	0.08							
94	ok	0.08							
95	ok	0.08							
96	ok	0.08							
97	ok	0.10							
98	ok	0.10							
99	ok	0.10							
100	ok	0.10							
101	ok	0.11							
102	ok	0.12							
103	ok	0.12							
104	ok	0.14							
105	ok	0.12							
106	ok	0.14							
107	ok	0.15							
108	ok	0.15							
109	ok	0.15							
110	ok	0.16							
111	ok	0.17							
112	ok	0.17							
113	ok	0.23							
114	ok	0.21							
115	ok	0.23							
116	ok	0.22							
117	ok	0.21							
118	ok	0.21							
119	ok	0.22							
120	ok	0.24							
121	ok	0.24							
122	ok	0.36							
123	ok	0.33							
124	ok	0.36							
125	ok	0.33							
126	ok	0.31							
127	ok	0.29							
128	ok	0.31							
129	ok	0.33							
130	ok	0.33							
131	ok	0.56							
132	ok	0.48							
133	ok	0.56							
134	ok	0.49							
135	ok	0.42							
136	ok	0.39							
137	ok	0.41							
138	ok	0.45							
139	ok	0.45							
140	ok	0.98							
141	ok	0.71							
142	ok	0.98							
143	ok	0.70							
144	ok	0.55							
145	ok	0.48							
146	ok	0.52							
147	ok	0.63							
148	ok	0.63							
149	ok Av	6.12	4.85e-03	0.28	0.1	6.9	1.7	95.4	
150	ok Av	6.12	4.90e-03	0.28	0.1	6.9	1.7	95.4	
151	ok	1.69							
152	ok	0.92							
153	ok	0.63							
154	ok	0.53							
155	ok	0.60							
156	ok	0.92							
157	ok	0.92							
158	ok Av	6.12	4.85e-03	0.28	0.1	6.9	1.7	95.4	
159	ok	1.69							

160	ok	0.92
161	ok	0.63
162	ok	0.53
163	ok	0.60
164	ok	0.92

Nodo	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
	6.12	4.90e-03	0.28	0.12	6.95	1.67	95.40

Parete	H totale	Spessore	H critica	H critica V	L totale	L confinata	Verif. N	Verif. N-M	Fattore V	Diagramma V	Verif. V	Prog. composta
	cm	cm	cm	cm	cm	cm						
2	410.00	20.00	300.00	300.00	400.12	80.02	ok	ok	1.00	NO	ok	SI

Quota	Af conf.	Af std	Af V (ori)	Ver. N	Ver. N/M	Ver. V cls	Ver. V acc	Ver. V acc(7)	Ver. V scorr.	N add	M invil	V invil
cm										daN	daN	daN
0.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.4	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.2	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.1	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.9	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.8	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.6	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.5	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.4	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.2	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.8	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.5	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.2	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.8	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.5	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.2	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.8	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.1	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.8	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135.4	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.6	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143.2	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145.9	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
148.5	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
151.1	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153.8	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
173.5	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180.5	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
184.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
187.5	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
191.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
194.5	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
198.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
201.5	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
205.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
212.5	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
216.9	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
221.2	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
225.6	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
234.4	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
238.8	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
243.1	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
247.5	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
251.9	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

255.0	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
256.2	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
260.2	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
265.5	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
270.8	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
276.0	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
281.2	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
286.5	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
291.8	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
297.0	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
297.5	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
302.2	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
303.6	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
307.5	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
309.8	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
315.9	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
322.0	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
328.1	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
334.2	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
340.0	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
340.4	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
346.5	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
347.0	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
352.6	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
354.0	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
358.8	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
361.0	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
368.0	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
375.0	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
382.0	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
389.0	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
396.0	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
403.0	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
410.0	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota

Ver. N Ver. N/MVer. V clsVer. V accVer. V acc(7)Ver. V scor.
0.0 0.0 0.0 0.0 0.0 0.0

Quota	N v.N	N v.M/N	M v.M/N	N v.Vcls	V v.Vcls	N v.Vacc	M v. Vacc	V v.Vacc	N v.Vscor	M v.Vscor	V v.Vscor
cm	daN	daN	daN cm	daN	daN	daN	daN cm	daN	daN	daN cm	daN
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
148.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
151.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

[illegible][illegible]

[illegible]

42.5	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
43.4	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
44.2	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
45.1	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
46.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
46.9	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
47.8	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
48.6	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
49.5	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
50.4	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
51.2	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
85.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
86.8	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
88.5	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
90.2	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
92.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
93.8	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
95.5	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
97.2	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
99.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
100.8	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
102.5	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
127.5	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
130.1	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
132.8	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
135.4	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
138.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
140.6	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
143.2	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
145.9	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
148.5	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
151.1	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
153.8	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
170.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
173.5	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
177.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
180.5	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
184.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
187.5	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
191.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
194.5	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
198.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
201.5	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
205.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
212.5	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
216.9	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
221.2	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
225.6	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
230.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
234.4	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
238.8	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
243.1	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
247.5	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
251.9	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
255.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
256.2	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
260.2	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
265.5	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
270.8	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
276.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
281.2	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
286.5	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
291.8	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
297.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
297.5	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
302.2	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
303.6	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
307.5	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
309.8	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
315.9	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
322.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
328.1	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
334.2	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
340.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
340.4	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
346.5	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
347.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0

352.6	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
354.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
358.8	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
361.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
368.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
375.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
382.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
389.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
396.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
403.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
410.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0

Quota V[7.4.16]
0.0

V[7.4.17]
0.0

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z daN/cm	N o daN/cm	N zo daN/cm	M z daN	M o daN	M zo daN
3	ok	0.22	0.2	8.46e-03	10.1	10.1	5.7	5.7	-23.1	-3.5	-5.1	-909.7	-116.1	-63.0
7	ok	0.22	0.2	5.08e-02	10.1	10.1	5.7	5.7	-144.5	-18.2	18.7	-1142.3	-142.1	71.7
168	ok	0.22	0.2	8.55e-02	10.1	10.1	5.7	5.7	-206.0	59.7	25.4	1099.9	-310.0	-294.1
169	ok	0.22	0.2	7.88e-02	10.1	10.1	5.7	5.7	-192.0	-41.7	-77.4	1367.8	423.9	-147.9
170	ok	0.22	0.1	5.95e-02	10.1	10.1	5.7	5.7	-165.6	8.3	-0.6	726.3	-34.0	-128.6
171	ok	0.22	0.1	4.90e-02	10.1	10.1	5.7	5.7	-135.8	-5.7	-28.1	658.8	-4.6	-241.2
172	ok	0.22	6.18e-02	4.79e-02	10.1	10.1	5.7	5.7	-139.1	2.88e-02	-2.2	309.8	3.7	-154.3
173	ok	0.22	7.67e-02	4.24e-02	10.1	10.1	5.7	5.7	-120.9	-3.6	-14.9	289.6	-21.7	-257.7
174	ok	0.22	3.70e-02	4.25e-02	10.1	10.1	5.7	5.7	-123.2	4.32e-02	-1.7	-22.5	3.3	-142.6
175	ok	0.22	5.58e-02	3.92e-02	10.1	10.1	5.7	5.7	-109.9	-1.7	-7.3	-30.1	-38.7	-238.7
176	ok	0.22	6.23e-02	4.01e-02	10.1	10.1	5.7	5.7	-116.4	0.7	-2.0	-348.2	9.1	-121.3
177	ok	0.22	7.70e-02	3.83e-02	10.1	10.1	5.7	5.7	-107.9	-1.0	-2.6	-339.2	-58.9	-194.1
178	ok	0.22	0.1	3.91e-02	10.1	10.1	5.7	5.7	-109.8	10.0	-9.1	-711.3	67.5	-92.9
179	ok	0.22	0.1	4.22e-02	10.1	10.1	5.7	5.7	-110.8	-1.4	1.9	-673.9	-99.8	-122.6
180	ok	0.22	0.2	3.82e-02	10.1	10.1	5.7	5.7	-101.7	-21.2	8.2	-1103.9	-232.2	-28.1
181	ok	0.22	0.3	4.37e-02	10.1	10.1	5.7	5.7	-49.8	-78.7	-51.0	1627.9	50.3	793.9
182	ok	0.22	0.3	6.16e-03	10.1	10.1	5.7	5.7	-9.5	127.3	34.7	497.2	282.5	869.7
183	ok	0.22	0.2	4.26e-02	10.1	10.1	5.7	5.7	-69.8	-53.2	-55.3	998.6	25.3	-38.4
184	ok	0.22	0.1	3.59e-02	10.1	10.1	5.7	5.7	-84.3	-19.4	-34.0	550.2	-64.1	-186.2
185	ok	0.22	6.15e-02	3.43e-02	10.1	10.1	5.7	5.7	-93.7	-12.1	-19.6	262.0	-72.3	-193.1
186	ok	0.22	4.95e-02	3.39e-02	10.1	10.1	5.7	5.7	-93.5	-7.3	-10.4	-24.4	-86.9	-174.5
187	ok	0.22	6.91e-02	3.44e-02	10.1	10.1	5.7	5.7	-96.1	-5.6	-3.6	-314.8	-107.8	-142.2
188	ok	0.22	0.1	3.51e-02	10.1	10.1	5.7	5.7	-101.7	-10.1	4.2	-624.8	-146.2	-99.5
189	ok	0.22	0.1	3.36e-02	10.1	10.1	5.7	5.7	-96.7	-19.0	1.3	-944.1	-188.9	-18.3
190	ok	0.22	0.1	5.09e-03	10.1	10.1	5.7	5.7	-1.2	-7.4	8.8	696.7	-86.0	332.8
191	ok	0.22	0.1	9.36e-04	10.1	10.1	5.7	5.7	1.5	84.4	19.1	158.4	129.8	395.9
192	ok	0.22	0.1	1.92e-02	10.1	10.1	5.7	5.7	-25.4	-35.8	-20.5	691.7	-130.8	-43.1
193	ok	0.22	8.75e-02	2.36e-02	10.1	10.1	5.7	5.7	-50.0	-26.6	-23.3	479.1	-131.8	-152.6
194	ok	0.22	5.11e-02	2.58e-02	10.1	10.1	5.7	5.7	-65.5	-18.7	-17.3	241.2	-127.7	-159.9
195	ok	0.22	4.98e-02	2.76e-02	10.1	10.1	5.7	5.7	-75.1	-13.0	-10.7	-20.9	-125.9	-139.2
196	ok	0.22	6.40e-02	2.93e-02	10.1	10.1	5.7	5.7	-84.6	-11.0	-2.5	-297.9	-129.1	-112.3
197	ok	0.22	9.38e-02	3.03e-02	10.1	10.1	5.7	5.7	-88.0	-12.9	2.5	-578.5	-139.5	-74.2
198	ok	0.22	0.1	2.97e-02	10.1	10.1	5.7	5.7	-86.1	-17.1	-1.8	-820.5	-162.0	-11.0
199	ok	0.22	7.78e-02	3.10e-03	10.1	10.1	5.7	5.7	3.5	4.4	9.7	412.2	-99.1	122.6
200	ok	0.22	5.46e-02	4.91e-04	10.1	10.1	5.7	5.7	0.7	60.9	11.4	61.0	50.5	178.4
201	ok	0.22	8.91e-02	9.66e-03	10.1	10.1	5.7	5.7	-10.4	-24.1	-1.5	519.5	-171.6	-66.3
202	ok	0.22	7.58e-02	1.45e-02	10.1	10.1	5.7	5.7	-30.3	-27.4	-7.1	427.8	-180.7	-124.0
203	ok	0.22	5.07e-02	1.83e-02	10.1	10.1	5.7	5.7	-47.2	-22.1	-8.4	230.9	-168.4	-118.5
204	ok	0.22	4.87e-02	2.18e-02	10.1	10.1	5.7	5.7	-62.5	-17.0	-3.1	-18.0	-150.4	-95.1
205	ok	0.22	5.61e-02	2.44e-02	10.1	10.1	5.7	5.7	-70.6	-14.0	-0.3	-283.5	-137.5	-71.9
206	ok	0.22	8.66e-02	2.60e-02	10.1	10.1	5.7	5.7	-75.4	-14.0	2.1	-540.1	-132.8	-43.4
207	ok	0.22	0.1	2.60e-02	10.1	10.1	5.7	5.7	-75.2	-15.0	-2.29e-02	-741.6	-145.7	-5.7
208	ok	0.22	5.37e-02	3.57e-03	10.1	10.1	5.7	5.7	-0.2	4.7	11.8	306.3	-105.2	-56.5
209	ok	0.22	1.17e-02	7.25e-04	10.1	10.1	5.7	5.7	7.27e-02	45.7	7.4	7.0	14.6	39.6
210	ok	0.22	8.05e-02	8.95e-03	10.1	10.1	5.7	5.7	-5.8	-19.1	5.5	453.0	-186.9	-109.7
211	ok	0.22	7.22e-02	1.11e-02	10.1	10.1	5.7	5.7	-20.6	-25.5	2.5	413.3	-207.9	-101.7
212	ok	0.22	5.23e-02	1.38e-02	10.1	10.1	5.7	5.7	-35.8	-22.3	1.2	235.7	-188.7	-69.6
213	ok	0.22	4.48e-02	1.76e-02	10.1	10.1	5.7	5.7	-50.8	-17.7	3.0	-11.5	-160.4	-42.7
214	ok	0.22	4.65e-02	2.04e-02	10.1	10.1	5.7	5.7	-59.1	-14.5	2.6	-273.5	-139.2	-24.3
215	ok	0.22	8.29e-02	2.22e-02	10.1	10.1	5.7	5.7	-64.3	-13.5	2.8	-520.3	-129.2	-10.5
216	ok	0.22	0.1	2.24e-02	10.1	10.1	5.7	5.7	-64.9	-12.9	-0.2	-707.5	-138.8	-0.7
217	ok	0.22	6.71e-02	4.65e-03	10.1	10.1	5.7	5.7	-0.8	-2.61e-02	12.3	296.9	-96.6	-192.0
218	ok	0.22	1.94e-02	7.25e-04	10.1	10.1	5.7	5.7	0.2	34.1	4.6	-45.4	17.7	-74.7
219	ok	0.22	9.05e-02	1.13e-02	10.1	10.1	5.7	5.7	-4.8	-19.8	12.7	491.1	-194.1	-162.1
220	ok	0.22	7.77e-02	1.37e-02	10.1	10.1	5.7	5.7	-17.4	-23.9	12.6	455.9	-213.1	-71.8
221	ok	0.22	4.93e-02	1.44e-02	10.1	10.1	5.7	5.7	-30.3	-20.0	9.6	256.8	-184.0	-12.1
222	ok	0.22	4.15e-02	1.58e-02	10.1	10.1	5.7	5.7	-43.4	-15.7	5.8	-3.9	-153.9	14.7
223	ok	0.22	4.65e-02	1.76e-02	10.1	10.1	5.7	5.7	-50.3	-12.7	2.5	-271.8	-135.2	25.5

224	ok	0.22	8.45e-02	1.90e-02	10.1	10.1	5.7	5.7	-54.9	-11.7	-1.5	-523.8	-129.0	22.3
225	ok	0.22	0.1	1.91e-02	10.1	10.1	5.7	5.7	-55.4	-11.0	-5.94e-02	-719.4	-141.3	4.3
226	ok	0.22	0.1	8.01e-03	10.1	10.1	5.7	5.7	-2.3	-10.8	14.4	417.8	-79.3	-367.5
227	ok	0.22	5.42e-02	9.35e-04	10.1	10.1	5.7	5.7	5.3	25.0	1.1	-185.4	56.6	-178.0
228	ok	0.22	0.1	1.55e-02	10.1	10.1	5.7	5.7	-9.0	-26.0	22.4	680.5	-184.4	-212.8
229	ok	0.22	9.21e-02	1.64e-02	10.1	10.1	5.7	5.7	-20.6	-21.7	21.4	552.5	-182.3	-15.8
230	ok	0.22	4.85e-02	1.54e-02	10.1	10.1	5.7	5.7	-29.4	-15.1	17.5	281.4	-150.5	52.0
231	ok	0.22	3.97e-02	1.49e-02	10.1	10.1	5.7	5.7	-38.4	-11.6	11.5	-1.4	-129.5	68.9
232	ok	0.22	5.49e-02	1.53e-02	10.1	10.1	5.7	5.7	-43.1	-9.3	3.9	-280.8	-124.6	69.8
233	ok	0.22	9.14e-02	1.61e-02	10.1	10.1	5.7	5.7	-46.4	-8.9	-1.1	-550.3	-132.2	52.2
234	ok	0.22	0.1	1.60e-02	10.1	10.1	5.7	5.7	-46.2	-9.1	-0.1	-777.3	-153.5	9.4
235	ok	0.22	0.3	3.00e-02	10.1	10.1	5.7	5.7	-34.0	-48.6	38.6	1154.4	220.1	-1067.7
236	ok	0.22	0.2	3.98e-03	10.1	10.1	5.7	5.7	61.6	28.0	-22.9	-1168.0	36.9	-81.6
237	ok	0.22	0.2	2.44e-02	10.1	10.1	5.7	5.7	-25.0	-34.9	35.6	1166.0	-86.2	-191.9
238	ok	0.22	0.1	1.85e-02	10.1	10.1	5.7	5.7	-29.0	-12.9	26.8	626.5	-114.9	76.3
239	ok	0.22	5.67e-02	1.52e-02	10.1	10.1	5.7	5.7	-30.8	-8.1	18.0	297.1	-89.9	113.1
240	ok	0.22	3.95e-02	1.34e-02	10.1	10.1	5.7	5.7	-31.8	-5.7	8.8	-9.9	-87.9	116.8
241	ok	0.22	6.25e-02	1.28e-02	10.1	10.1	5.7	5.7	-33.1	-4.6	3.8	-300.9	-103.6	103.0
242	ok	0.22	0.1	1.31e-02	10.1	10.1	5.7	5.7	-37.9	-5.7	-1.6	-593.9	-137.3	75.6
243	ok	0.22	0.1	1.28e-02	10.1	10.1	5.7	5.7	-36.6	-7.2	-0.8	-880.5	-176.0	15.9
246	ok	0.22	0.2	3.89e-02	10.1	10.1	5.7	5.7	-44.4	-11.2	34.0	1115.9	-115.3	208.5
247	ok	0.22	0.1	1.75e-02	10.1	10.1	5.7	5.7	-37.5	-3.35e-04	17.6	685.0	-30.2	147.1
248	ok	0.22	6.98e-02	1.28e-02	10.1	10.1	5.7	5.7	-29.5	-2.2	9.4	286.8	-27.0	194.0
249	ok	0.22	4.56e-02	1.04e-02	10.1	10.1	5.7	5.7	-25.0	-1.2	5.1	-33.7	-38.9	179.3
250	ok	0.22	7.31e-02	9.44e-03	10.1	10.1	5.7	5.7	-23.8	-0.9	1.8	-337.1	-58.7	147.6
251	ok	0.22	0.1	1.03e-02	10.1	10.1	5.7	5.7	-25.3	-1.4	-1.3	-645.7	-101.5	92.0
252	ok	0.22	0.2	9.55e-03	10.1	10.1	5.7	5.7	-26.6	-5.2	-4.4	-1010.6	-200.1	16.1
254	ok	0.22	0.2	2.08e-02	10.1	10.1	5.7	5.7	-46.7	55.4	-17.4	1253.9	260.5	22.0
255	ok	0.22	0.1	1.23e-02	10.1	10.1	5.7	5.7	-32.2	5.4	0.9	680.1	59.6	78.5
256	ok	0.22	5.73e-02	7.69e-03	10.1	10.1	5.7	5.7	-22.2	3.61e-02	1.5	274.3	2.8	122.1
257	ok	0.22	2.92e-02	5.51e-03	10.1	10.1	5.7	5.7	-12.3	0.6	1.4	-60.6	2.8	112.3
258	ok	0.22	6.82e-02	4.80e-03	10.1	10.1	5.7	5.7	-9.5	0.5	1.4	-370.8	0.8	92.2
259	ok	0.22	0.1	5.12e-03	10.1	10.1	5.7	5.7	-10.5	0.5	1.1	-694.1	-10.1	49.5

Nodo	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
	0.49	0.98	0.19	49.03	57.06	28.00	28.43	-759.01	-293.35	-319.49	-1.030e+04	-1654.77	-1.069e+04
								234.03	198.06	409.18	2.518e+04	2832.39	1.061e+04

Nodo	Stato	Max tau daN/cm2	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr daN/cm	V sec daN/cm
3	ok	0.66						
4	ok Av	14.04	0.13	0.63	3.3	15.6	46.0	214.1
7	ok	0.65						
8	ok Av	16.55	0.10	0.75	2.5	18.6	33.7	256.0
165	ok Av	16.55	0.10	0.75	2.5	18.6	33.7	256.0
166	ok Av	16.55	0.10	0.75	2.5	18.6	33.7	256.0
167	ok Av	16.55	0.10	0.75	2.5	18.6	33.7	256.0
168	ok	2.09						
169	ok	2.09						
170	ok	0.71						
171	ok	0.71						
172	ok	0.44						
173	ok	0.44						
174	ok	0.36						
175	ok	0.36						
176	ok	0.40						
177	ok	0.40						
178	ok	0.65						
179	ok	0.65						
180	ok	0.65						
181	ok	2.58						
182	ok	2.58						
183	ok	0.99						
184	ok	0.54						
185	ok	0.39						
186	ok	0.35						
187	ok	0.39						
188	ok	0.50						
189	ok	0.50						
190	ok	1.03						
191	ok	1.03						
192	ok	0.56						
193	ok	0.37						
194	ok	0.32						
195	ok	0.32						

196	ok	0.34										
197	ok	0.37										
198	ok	0.37										
199	ok	0.54										
200	ok	0.54										
201	ok	0.31										
202	ok	0.24										
203	ok	0.27										
204	ok	0.29										
205	ok	0.30										
206	ok	0.30										
207	ok	0.28										
208	ok	0.30										
209	ok	0.30										
210	ok	0.15										
211	ok	0.19										
212	ok	0.25										
213	ok	0.28										
214	ok	0.28										
215	ok	0.27										
216	ok	0.24										
217	ok	0.23										
218	ok	0.23										
219	ok	0.22										
220	ok	0.26										
221	ok	0.29										
222	ok	0.31										
223	ok	0.31										
224	ok	0.30										
225	ok	0.28										
226	ok	0.52										
227	ok	0.43										
228	ok	0.52										
229	ok	0.41										
230	ok	0.37										
231	ok	0.35										
232	ok	0.35										
233	ok	0.36										
234	ok	0.36										
235	ok	1.28										
236	ok	1.21										
237	ok	1.28										
238	ok	0.65										
239	ok	0.48										
240	ok	0.41										
241	ok	0.42										
242	ok	0.49										
243	ok	0.49										
244	ok Av	14.04	0.13	0.63	3.3	15.6	46.0	214.1				
245	ok Av	14.04	0.13	0.63	3.3	15.6	46.0	214.1				
246	ok	1.96										
247	ok	0.90										
248	ok	0.54										
249	ok	0.43										
250	ok	0.44										
251	ok	0.66										
252	ok	0.66										
253	ok Av	14.04	0.13	0.63	3.3	15.6	46.0	214.1				
254	ok	1.96										
255	ok	0.90										
256	ok	0.54										
257	ok	0.43										
258	ok	0.44										
259	ok	0.66										

Nodo	Max tau 16.55	Ver V pr 0.13	Ver V sec 0.75	Af V pr 3.35	Af V sec 18.64	V pr 45.98	V sec 255.99
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Parete	H totale	Spessore	H critica	H critica V	L totale	L confinata	Verif. N	Verif. N-M	Fattore V	Diagramma V	Verif. V	Prog. composta
	cm	cm	cm	cm	cm	cm						
3	410.00	20.00	300.00	300.00	439.54	87.91	ok	ok	1.00	NO	ok	SI

Quota	Af conf.	Af std	Af V (ori)	Ver. N	Ver. N/M	Ver. V cls	Ver. V acc	Ver. V acc(7)	Ver. V scor.	N add	M invil	V invil
cm										daN	daN	daN
0.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.4	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.2	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.1	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.9	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.8	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.6	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.5	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.4	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.2	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.1	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.8	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.5	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.2	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.8	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.5	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.2	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.8	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.2	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.1	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.8	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135.4	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.6	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143.2	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145.9	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
148.5	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
151.1	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153.8	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
156.4	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
173.5	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180.5	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
184.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
187.5	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
191.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
194.5	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
198.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
201.5	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
205.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
208.5	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
212.5	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
216.9	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
221.2	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
225.6	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
234.4	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
238.8	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
243.1	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
247.5	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
251.9	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
255.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
256.2	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
260.2	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
260.6	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
265.5	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
270.8	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
276.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
281.2	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
286.5	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
291.8	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
297.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
297.5	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
302.2	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

303.6	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
307.5	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
309.8	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
312.8	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
315.9	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
322.0	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
328.1	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
334.2	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
340.0	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
340.4	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
346.5	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
347.0	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
352.6	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
354.0	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
358.8	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
361.0	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
364.9	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
368.0	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
375.0	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
382.0	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
389.0	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
396.0	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
403.0	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
405.0	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
410.0	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota

Ver. N Ver. N/MVer. V clsVer. V accVer. V acc(7)Ver. V scorr.
0.0 0.0 0.0 0.0 0.0 0.0

Quota	N v.N	N v.M/N	M v.M/N	N v.Vcls	V v.Vcls	N v.Vacc	M v. Vacc	V v.Vacc	N v.Vscor	M v.Vscor	V v.Vscor
cm	daN	daN	daN cm	daN	daN	daN	daN cm	daN	daN	daN cm	daN
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
51.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
52.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
93.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
95.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
97.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
104.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
127.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
130.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
148.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
151.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
156.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
173.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
177.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
184.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
187.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
191.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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Quota	V[7.4.16]	N	M	V	alfaS	VRd,c	VRd,s	V[7.4.17]	roH	roV	roN
cm		daN	daN cm	daN		daN	daN				
0.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
42.5	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
43.4	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
44.2	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
45.1	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
46.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
46.9	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
47.8	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
48.6	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
49.5	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
50.4	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
51.2	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
52.1	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
85.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
86.8	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
88.5	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
90.2	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
92.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
93.8	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
95.5	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
97.2	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
99.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
100.8	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
102.5	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
104.2	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
127.5	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
130.1	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
132.8	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
135.4	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
138.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
140.6	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
143.2	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
145.9	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
148.5	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
151.1	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
153.8	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
156.4	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
170.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
173.5	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
177.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
180.5	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
184.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
187.5	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
191.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
194.5	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
198.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
201.5	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
205.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
208.5	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
212.5	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
216.9	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
221.2	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
225.6	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
230.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
234.4	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
238.8	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
243.1	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
247.5	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
251.9	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
255.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
256.2	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
260.2	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
260.6	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
265.5	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
270.8	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
276.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
281.2	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
286.5	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
291.8	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
297.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
297.5	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0

302.2	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
303.6	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
307.5	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
309.8	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
312.8	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
315.9	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
322.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
328.1	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
334.2	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
340.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
340.4	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
346.5	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
347.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
352.6	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
354.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
358.8	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
361.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
364.9	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
368.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
375.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
382.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
389.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
396.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
403.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
405.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
410.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0

Quota V[7.4.16]
0.0

V[7.4.17]
0.0

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z daN/cm	N o daN/cm	N zo daN/cm	M z daN	M o daN	M zo daN
1	ok	0.22	0.1	2.62e-02	10.1	10.1	5.7	5.7	-73.5	-9.9	-11.8	835.3	106.1	61.8
5	ok	0.22	0.2	2.60e-02	10.1	10.1	5.7	5.7	-70.4	-14.2	3.4	1403.0	295.9	39.8
263	ok	0.22	0.3	3.83e-02	10.1	10.1	5.7	5.7	-108.6	-4.7	-15.8	-1721.3	-419.7	-83.6
264	ok	0.22	0.3	3.93e-02	10.1	10.1	5.7	5.7	-95.3	-10.9	-41.2	-1555.4	-612.1	-288.5
265	ok	0.22	0.2	3.28e-02	10.1	10.1	5.7	5.7	-88.1	-1.9	-8.7	-1049.9	-88.6	190.9
266	ok	0.22	0.1	2.94e-02	10.1	10.1	5.7	5.7	-75.7	-4.7	-20.0	-838.6	-173.6	141.5
267	ok	0.22	0.1	2.98e-02	10.1	10.1	5.7	5.7	-81.4	-0.6	-7.9	-503.5	-32.4	280.7
268	ok	0.22	9.51e-02	2.72e-02	10.1	10.1	5.7	5.7	-71.6	-3.3	-13.8	-430.3	-27.2	225.7
269	ok	0.22	6.56e-02	2.79e-02	10.1	10.1	5.7	5.7	-79.9	-1.1	-5.7	-73.3	12.8	292.0
270	ok	0.22	5.01e-02	2.62e-02	10.1	10.1	5.7	5.7	-73.9	-3.5	-9.6	-56.3	42.1	231.7
271	ok	0.22	9.24e-02	2.69e-02	10.1	10.1	5.7	5.7	-74.5	-0.4	-3.5	349.5	55.9	260.6
272	ok	0.22	8.26e-02	2.60e-02	10.1	10.1	5.7	5.7	-71.3	-3.2	-5.6	324.8	99.2	204.9
273	ok	0.22	0.1	2.89e-02	10.1	10.1	5.7	5.7	-75.5	-0.8	-0.8	805.1	119.4	174.8
274	ok	0.22	0.1	2.62e-02	10.1	10.1	5.7	5.7	-76.0	-6.8	0.5	735.1	168.9	146.3
275	ok	0.22	0.2	2.48e-02	10.1	10.1	5.7	5.7	-71.8	-14.0	-1.8	1176.7	236.2	25.6
276	ok	0.22	0.3	4.34e-02	10.1	10.1	5.7	5.7	-68.7	-49.0	-60.1	-1624.6	-176.7	-864.2
277	ok	0.22	0.3	5.08e-03	10.1	10.1	5.7	5.7	-14.4	2.3	-2.4	-477.7	-458.9	-926.0
278	ok	0.22	0.2	2.78e-02	10.1	10.1	5.7	5.7	-58.3	-16.6	-35.2	-1152.3	-112.4	-19.7
279	ok	0.22	0.1	2.45e-02	10.1	10.1	5.7	5.7	-58.3	-8.6	-22.7	-732.7	-26.0	164.2
280	ok	0.22	8.42e-02	2.38e-02	10.1	10.1	5.7	5.7	-59.6	-6.9	-18.2	-379.5	39.5	218.1
281	ok	0.22	5.22e-02	2.38e-02	10.1	10.1	5.7	5.7	-62.5	-6.6	-13.3	-43.7	78.6	214.2
282	ok	0.22	7.79e-02	2.42e-02	10.1	10.1	5.7	5.7	-68.9	-7.2	-6.2	301.4	115.7	185.4
283	ok	0.22	0.1	2.47e-02	10.1	10.1	5.7	5.7	-71.0	-9.5	-1.3	659.9	153.2	123.8
284	ok	0.22	0.2	2.39e-02	10.1	10.1	5.7	5.7	-69.0	-13.6	-1.4	992.0	196.8	17.5
285	ok	0.22	0.2	1.11e-02	10.1	10.1	5.7	5.7	-14.7	-12.4	-14.0	-758.1	-21.8	-393.4
286	ok	0.22	0.2	6.20e-04	10.1	10.1	5.7	5.7	-1.5	16.4	2.5	-167.9	-273.8	-449.9
287	ok	0.22	0.1	1.74e-02	10.1	10.1	5.7	5.7	-30.7	-14.8	-22.9	-803.3	59.0	15.3
288	ok	0.22	0.1	1.92e-02	10.1	10.1	5.7	5.7	-41.1	-12.6	-19.2	-604.4	79.4	160.2
289	ok	0.22	7.14e-02	2.01e-02	10.1	10.1	5.7	5.7	-48.3	-11.2	-16.5	-336.7	98.1	195.3
290	ok	0.22	5.24e-02	2.10e-02	10.1	10.1	5.7	5.7	-54.4	-10.1	-12.2	-39.6	110.7	185.9
291	ok	0.22	7.03e-02	2.21e-02	10.1	10.1	5.7	5.7	-62.6	-10.3	-5.9	275.6	122.7	155.5
292	ok	0.22	9.89e-02	2.31e-02	10.1	10.1	5.7	5.7	-63.0	-10.7	-3.9	581.6	139.1	100.4
293	ok	0.22	0.1	2.28e-02	10.1	10.1	5.7	5.7	-65.4	-13.0	-2.7	848.3	167.4	12.5
294	ok	0.22	8.92e-02	5.33e-03	10.1	10.1	5.7	5.7	-5.2	-1.2	-8.2	-462.6	17.0	-153.2
295	ok	0.22	7.83e-02	3.45e-04	10.1	10.1	5.7	5.7	-0.6	22.1	3.0	-68.0	-158.5	-212.3
296	ok	0.22	0.1	1.17e-02	10.1	10.1	5.7	5.7	-17.5	-12.3	-12.8	-599.7	115.8	62.9
297	ok	0.22	9.27e-02	1.46e-02	10.1	10.1	5.7	5.7	-29.4	-15.1	-12.6	-515.8	143.2	147.4
298	ok	0.22	6.20e-02	1.65e-02	10.1	10.1	5.7	5.7	-39.4	-14.4	-12.1	-308.1	143.0	160.8
299	ok	0.22	5.12e-02	1.84e-02	10.1	10.1	5.7	5.7	-47.8	-12.8	-9.2	-41.5	134.2	144.6
300	ok	0.22	6.02e-02	2.02e-02	10.1	10.1	5.7	5.7	-57.3	-12.3	-4.4	248.7	126.4	115.1
301	ok	0.22	8.69e-02	2.17e-02	10.1	10.1	5.7	5.7	-61.7	-12.5	-2.0	523.3	127.5	67.9
302	ok	0.22	0.1	2.17e-02	10.1	10.1	5.7	5.7	-62.1	-12.4	-6.0	743.0	146.0	8.1
303	ok	0.22	5.94e-02	2.98e-03	10.1	10.1	5.7	5.7	-6.1	3.3	-2.3	-340.5	46.0	52.8

304	ok	0.22	3.12e-02	5.85e-04	10.1	10.1	5.7	5.7	-0.5	25.9	3.3	-9.0	-92.6	-54.8
305	ok	0.22	9.10e-02	7.96e-03	10.1	10.1	5.7	5.7	-11.7	-11.2	-6.0	-510.1	145.2	123.0
306	ok	0.22	8.57e-02	1.08e-02	10.1	10.1	5.7	5.7	-22.7	-16.8	-7.9	-479.3	178.3	135.8
307	ok	0.22	5.53e-02	1.35e-02	10.1	10.1	5.7	5.7	-34.1	-16.3	-6.0	-300.3	167.1	116.9
308	ok	0.22	4.56e-02	1.64e-02	10.1	10.1	5.7	5.7	-43.7	-14.0	-5.0	-48.6	144.5	93.3
309	ok	0.22	4.88e-02	1.88e-02	10.1	10.1	5.7	5.7	-53.7	-13.0	-2.3	226.3	126.0	68.2
310	ok	0.22	7.82e-02	2.05e-02	10.1	10.1	5.7	5.7	-58.6	-12.6	-1.4	480.9	119.9	36.6
311	ok	0.22	0.1	2.07e-02	10.1	10.1	5.7	5.7	-59.3	-11.9	-5.8	677.7	132.9	3.7
312	ok	0.22	7.59e-02	1.93e-03	10.1	10.1	5.7	5.7	-4.9	4.4	-0.6	-315.7	55.8	204.8
313	ok	0.22	2.94e-02	6.41e-04	10.1	10.1	5.7	5.7	-3.91e-02	29.8	3.4	47.5	-70.4	74.1
314	ok	0.22	0.1	5.78e-03	10.1	10.1	5.7	5.7	-9.3	-13.2	-2.8	-528.2	164.1	189.9
315	ok	0.22	8.84e-02	9.00e-03	10.1	10.1	5.7	5.7	-20.8	-18.9	0.4	-506.0	191.4	114.0
316	ok	0.22	5.32e-02	1.27e-02	10.1	10.1	5.7	5.7	-33.1	-16.6	1.0	-313.4	166.6	63.0
317	ok	0.22	3.85e-02	1.58e-02	10.1	10.1	5.7	5.7	-42.8	-13.3	2.0	-56.9	138.5	37.2
318	ok	0.22	3.74e-02	1.82e-02	10.1	10.1	5.7	5.7	-52.4	-12.0	1.44e-02	212.1	119.9	19.7
319	ok	0.22	7.40e-02	1.99e-02	10.1	10.1	5.7	5.7	-57.0	-11.9	-5.6	461.0	115.2	4.9
320	ok	0.22	0.1	2.00e-02	10.1	10.1	5.7	5.7	-57.4	-11.5	-2.7	655.2	128.6	-0.9
321	ok	0.22	0.1	2.20e-03	10.1	10.1	5.7	5.7	-6.0	3.6	-1.9	-385.7	-14.5	479.4
322	ok	0.22	6.18e-02	9.13e-04	10.1	10.1	5.7	5.7	4.7	36.0	2.7	188.3	-85.0	188.4
323	ok	0.22	0.1	9.68e-03	10.1	10.1	5.7	5.7	-11.1	-21.2	6.5	-700.6	167.9	249.8
324	ok	0.22	9.91e-02	1.32e-02	10.1	10.1	5.7	5.7	-25.0	-20.7	10.5	-591.5	169.4	63.8
325	ok	0.22	5.51e-02	1.50e-02	10.1	10.1	5.7	5.7	-37.0	-14.1	9.9	-333.9	137.7	1.0
326	ok	0.22	3.14e-02	1.67e-02	10.1	10.1	5.7	5.7	-44.8	-10.4	5.6	-62.0	115.0	-17.8
327	ok	0.22	3.69e-02	1.83e-02	10.1	10.1	5.7	5.7	-53.2	-9.5	-1.2	208.4	107.4	-24.8
328	ok	0.22	7.48e-02	1.97e-02	10.1	10.1	5.7	5.7	-56.6	-10.2	-5.3	463.5	113.2	-23.8
329	ok	0.22	0.1	1.96e-02	10.1	10.1	5.7	5.7	-56.2	-11.2	-2.8	675.7	133.2	-5.5
330	ok	0.22	0.3	1.59e-02	10.1	10.1	5.7	5.7	-33.0	-21.2	16.0	-1120.5	-214.9	1088.8
331	ok	0.22	0.2	3.70e-03	10.1	10.1	5.7	5.7	53.1	55.3	-13.0	1146.1	-41.7	107.4
332	ok	0.22	0.2	2.12e-02	10.1	10.1	5.7	5.7	-22.7	-38.8	24.8	-1166.7	90.9	233.3
333	ok	0.22	0.1	1.87e-02	10.1	10.1	5.7	5.7	-38.5	-14.7	21.0	-659.9	110.2	-24.7
334	ok	0.22	5.88e-02	1.80e-02	10.1	10.1	5.7	5.7	-44.9	-8.5	13.1	-348.7	82.2	-59.8
335	ok	0.22	2.55e-02	1.80e-02	10.1	10.1	5.7	5.7	-48.4	-5.8	7.1	-57.8	77.0	-63.9
336	ok	0.22	4.25e-02	1.89e-02	10.1	10.1	5.7	5.7	-51.7	-5.0	-0.4	216.3	85.9	-58.9
337	ok	0.22	7.96e-02	2.00e-02	10.1	10.1	5.7	5.7	-57.3	-7.8	-5.9	483.3	113.0	-46.1
338	ok	0.22	0.1	1.95e-02	10.1	10.1	5.7	5.7	-55.2	-11.0	-3.9	737.3	147.1	-10.9
341	ok	0.22	0.2	4.37e-02	10.1	10.1	5.7	5.7	-59.3	-19.5	38.5	-1122.5	114.0	-156.4
342	ok	0.22	0.1	2.30e-02	10.1	10.1	5.7	5.7	-57.2	-1.8	16.8	-715.9	29.7	-95.7
343	ok	0.22	6.62e-02	1.96e-02	10.1	10.1	5.7	5.7	-52.3	-2.4	7.4	-339.9	24.2	-132.8
344	ok	0.22	2.75e-02	1.84e-02	10.1	10.1	5.7	5.7	-53.2	-1.8	2.8	-41.6	30.8	-121.0
345	ok	0.22	5.03e-02	1.88e-02	10.1	10.1	5.7	5.7	-51.5	-1.1	-0.7	240.4	46.4	-99.3
346	ok	0.22	8.54e-02	2.19e-02	10.1	10.1	5.7	5.7	-55.5	-2.1	-4.7	514.6	80.3	-60.0
347	ok	0.22	0.1	2.00e-02	10.1	10.1	5.7	5.7	-50.6	-11.3	-6.5	829.9	174.9	-19.7
349	ok	0.22	0.2	3.27e-02	10.1	10.1	5.7	5.7	-79.0	49.2	-17.4	-1253.4	-282.4	11.7
350	ok	0.22	0.1	2.28e-02	10.1	10.1	5.7	5.7	-62.3	4.7	1.1	-710.4	-60.9	-46.6
351	ok	0.22	5.90e-02	1.85e-02	10.1	10.1	5.7	5.7	-53.8	8.98e-02	1.5	-328.9	-2.5	-89.7
352	ok	0.22	1.90e-02	1.68e-02	10.1	10.1	5.7	5.7	-48.7	3.22e-02	1.4	-19.5	-2.8	-82.7
353	ok	0.22	4.73e-02	1.66e-02	10.1	10.1	5.7	5.7	-48.3	0.3	1.6	263.9	-5.9	-69.8
354	ok	0.22	9.01e-02	1.74e-02	10.1	10.1	5.7	5.7	-50.2	4.8	4.9	551.6	-46.6	-51.7
1932	ok	0.22	0.2	3.12e-02	10.1	10.1	5.7	5.7	-88.5	-11.3	11.8	1473.3	183.2	-84.8
1935	ok	0.22	0.3	4.07e-02	10.1	10.1	5.7	5.7	-116.9	-7.1	-11.0	-1958.4	-280.8	290.0
1936	ok	0.22	0.2	3.54e-02	10.1	10.1	5.7	5.7	-102.7	-0.5	-1.2	-1166.3	7.7	102.2
1937	ok	0.22	9.83e-02	3.17e-02	10.1	10.1	5.7	5.7	-92.0	-0.2	-1.6	-566.0	-0.8	160.8
1938	ok	0.22	4.43e-02	2.86e-02	10.1	10.1	5.7	5.7	-83.1	-0.2	-1.6	-93.8	-2.8	173.0
1939	ok	0.22	7.07e-02	2.66e-02	10.1	10.1	5.7	5.7	-77.1	0.2	-1.8	353.2	-11.0	159.7
1940	ok	0.22	0.1	2.46e-02	10.1	10.1	5.7	5.7	-70.3	6.1	-6.8	849.3	-86.8	129.3

Nodo	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
	0.47	0.98	0.12	50.93	34.73	25.67	23.95	-377.08	-164.44	-290.92	-2.142e+04	-2078.49	-9004.88
								185.78	120.33	187.37	1.001e+04	767.97	1.022e+04

Nodo	Stato	Max tau daN/cm2	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr daN/cm	V sec daN/cm
1	ok	0.54						
2	ok Av	13.71	0.14	0.61	3.6	15.1	49.2	208.1
5	ok	0.88						
6	ok Av	15.24	0.15	0.68	3.7	17.0	50.9	233.4
260	ok Av	15.24	0.15	0.68	3.7	17.0	50.9	233.4
261	ok Av	15.00	0.15	0.67	3.7	16.6	50.9	228.4
262	ok Av	15.00	0.15	0.67	3.7	16.6	50.9	228.4
263	ok	2.05						
264	ok	2.05						
265	ok	0.99						
266	ok	0.90						
267	ok	0.64						
268	ok	0.60						

269	ok	0.51							
270	ok	0.50							
271	ok	0.54							
272	ok	0.53							
273	ok	0.88							
274	ok	0.68							
275	ok	0.68							
276	ok	2.55							
277	ok	2.55							
278	ok	1.11							
279	ok	0.67							
280	ok	0.50							
281	ok	0.45							
282	ok	0.47							
283	ok	0.52							
284	ok	0.52							
285	ok	1.11							
286	ok	1.11							
287	ok	0.65							
288	ok	0.46							
289	ok	0.39							
290	ok	0.38							
291	ok	0.40							
292	ok	0.41							
293	ok	0.41							
294	ok	0.61							
295	ok	0.61							
296	ok	0.38							
297	ok	0.29							
298	ok	0.31							
299	ok	0.33							
300	ok	0.34							
301	ok	0.34							
302	ok	0.33							
303	ok	0.35							
304	ok	0.35							
305	ok	0.20							
306	ok	0.21							
307	ok	0.27							
308	ok	0.30							
309	ok	0.30							
310	ok	0.30							
311	ok	0.27							
312	ok	0.22							
313	ok	0.22							
314	ok	0.20							
315	ok	0.24							
316	ok	0.28							
317	ok	0.30							
318	ok	0.30							
319	ok	0.29							
320	ok	0.26							
321	ok	0.48							
322	ok	0.41							
323	ok	0.48							
324	ok	0.37							
325	ok	0.34							
326	ok	0.33							
327	ok	0.33							
328	ok	0.33							
329	ok	0.32							
330	ok	1.22							
331	ok	1.15							
332	ok	1.22							
333	ok	0.61							
334	ok	0.45							
335	ok	0.38							
336	ok	0.37							
337	ok	0.42							
338	ok	0.42							
339	ok Av	13.71	0.14	0.61	3.6	15.1	49.2	208.1	
340	ok Av	13.71	0.14	0.61	3.6	15.1	49.2	208.1	
341	ok	1.88							
342	ok	0.85							
343	ok	0.51							
344	ok	0.40							
345	ok	0.38							

346	ok	0.54						
347	ok	0.54						
348	ok Av	13.71	0.14	0.61	3.6	15.1	49.2	208.1
349	ok	1.88						
350	ok	0.85						
351	ok	0.51						
352	ok	0.40						
353	ok	0.38						
354	ok	0.54						
1932	ok	0.88						
1933	ok Av	15.24	0.13	0.68	3.3	17.0	45.3	233.4
1934	ok Av	15.24	0.13	0.68	3.3	17.0	45.3	233.4
1935	ok	1.83						
1936	ok	0.99						
1937	ok	0.64						
1938	ok	0.51						
1939	ok	0.54						
1940	ok	0.88						

Nodo	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
	15.24	0.15	0.68	3.71	16.99	50.89	233.41

Parete	H totale	Spessore	H critica	H critica V	L totale	L confinata	Verif. N	Verif. N-M	Fattore V	Diagramma V	Verif. V	Prog. composta
	cm	cm	cm	cm	cm	cm						
4	380.00	20.00	300.00	300.00	328.10	65.62	ok	ok	1.00	NO	ok	SI

Quota	Af conf.	Af std	Af V (ori)	Ver. N	Ver. N/M	Ver. V cls	Ver. V acc	Ver. V acc(7)	Ver. V scorr.	N add	M invil	V invil
cm										daN	daN	daN
0.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.3	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.7	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157.3	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
196.7	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
236.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
275.4	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
314.7	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
327.3	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
329.3	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
331.3	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
333.3	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
335.3	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
337.3	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
339.3	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
340.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
341.3	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
343.3	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
344.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
345.3	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
347.3	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
348.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
352.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
356.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
360.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
364.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
368.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
372.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
376.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
380.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	Ver. N	Ver. N/M	Ver. V cls	Ver. V acc	Ver. V acc(7)	Ver. V scorr.
	0.0	0.0	0.0	0.0	0.0	0.0

Quota	N v.N	N v.M/N	M v.M/N	N v.Vcls	V v.Vcls	N v.Vacc	M v.Vacc	V v.Vacc	N v.Vscor	M v.Vscor	V v.Vscor
cm	daN	daN	daN cm	daN	daN	daN	daN cm	daN	daN	daN cm	daN
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
118.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

[illegible][illegible]

Quota	V[7.4.16]	N	M	V	alfaS	VRd,c	VRd,s	V[7.4.17]	roH	roV	roN
cm		daN	daN cm	daN		daN	daN				
0.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
39.3	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
78.7	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
118.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
157.3	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
196.7	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
236.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
275.4	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
314.7	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
327.3	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0

329.3	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
331.3	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
333.3	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
335.3	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
337.3	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
339.3	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
340.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
341.3	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
343.3	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
344.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
345.3	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
347.3	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
348.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
352.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
356.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
360.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
364.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
368.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
372.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
376.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
380.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0

Quota V[7.4.16]
0.0

V[7.4.17]
0.0

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z daN/cm	N o daN/cm	N zo daN/cm	M z daN	M o daN	M zo daN
11	ok	0.22	0.1	2.25e-02	10.1	10.1	5.7	5.7	-61.7	-8.5	13.2	-595.7	-73.7	41.2
18	ok	0.42	1.0	0.1	30.7	44.9	21.7	21.9	-518.1	-53.4	-219.7	1.940e+04	3129.9	8188.5
29	ok	0.22	7.59e-02	5.16e-02	10.1	10.1	5.7	5.7	-147.2	-18.4	-17.6	-512.8	-63.2	-40.2
30	ok	0.67	1.0	0.2	59.0	21.0	34.0	14.7	149.2	-55.3	216.7	-1.808e+04	-6181.2	-8728.5
355	ok	0.22	0.5	8.48e-02	10.1	10.1	5.7	5.7	-235.9	52.4	-50.5	3456.1	105.4	557.7
356	ok	0.22	0.2	2.47e-02	10.1	10.1	5.7	5.7	-71.4	-0.4	-5.0	1150.2	31.6	27.0
357	ok	0.22	0.2	3.12e-02	10.1	10.1	5.7	5.7	-64.7	-7.5	-43.4	1088.3	51.7	-63.7
358	ok	0.22	0.4	6.99e-02	10.1	10.1	5.7	5.7	2.0	-137.7	-92.4	1617.8	483.1	1175.8
359	ok	0.22	0.1	9.00e-03	10.1	10.1	5.7	5.7	-25.9	0.3	-2.1	601.3	6.6	-56.2
360	ok	0.22	9.93e-02	1.54e-02	10.1	10.1	5.7	5.7	-28.8	-5.0	-20.2	557.6	30.9	-113.1
361	ok	0.22	5.92e-02	1.95e-03	10.1	10.1	5.7	5.7	-5.2	0.3	-1.5	324.3	2.3	-74.4
362	ok	0.22	6.80e-02	9.28e-03	10.1	10.1	5.7	5.7	-20.2	-3.4	-9.9	314.1	1.8	-148.2
363	ok	0.22	2.95e-02	1.77e-04	10.1	10.1	5.7	5.7	2.6	0.1	-1.2	119.7	1.6	-76.2
364	ok	0.22	4.32e-02	6.22e-03	10.1	10.1	5.7	5.7	-16.5	-2.4	-2.8	120.3	-11.9	-152.7
365	ok	0.22	2.15e-02	2.98e-04	10.1	10.1	5.7	5.7	4.5	0.6	-1.0	-64.5	1.2	-70.4
366	ok	0.22	3.76e-02	6.53e-03	10.1	10.1	5.7	5.7	-15.6	-1.4	2.3	-57.8	-21.9	-140.1
367	ok	0.22	4.53e-02	2.65e-03	10.1	10.1	5.7	5.7	-6.8	0.2	-1.1	-226.0	5.1	-55.9
368	ok	0.22	5.27e-02	9.53e-03	10.1	10.1	5.7	5.7	-21.7	-1.8	5.0	-231.9	-37.6	-92.6
369	ok	0.22	7.60e-02	7.36e-03	10.1	10.1	5.7	5.7	-20.0	4.1	-4.1	-411.8	39.0	-46.8
370	ok	0.22	7.44e-02	1.62e-02	10.1	10.1	5.7	5.7	-30.6	-4.0	10.9	-422.3	-66.2	-57.5
371	ok	0.22	0.1	1.58e-02	10.1	10.1	5.7	5.7	-37.4	-8.1	16.6	-611.6	-120.0	-10.4
372	ok	0.22	0.1	2.21e-02	10.1	10.1	5.7	5.7	-5.7	-33.2	-37.2	736.0	-22.8	66.6
373	ok	0.22	0.1	1.24e-02	10.1	10.1	5.7	5.7	-0.2	-20.3	-20.1	538.6	97.8	403.2
374	ok	0.22	8.61e-02	1.72e-02	10.1	10.1	5.7	5.7	-19.2	-16.5	-28.6	485.5	-16.0	-82.3
375	ok	0.22	5.80e-02	1.26e-02	10.1	10.1	5.7	5.7	-21.7	-11.9	-15.7	291.3	-27.2	-111.6
376	ok	0.22	3.30e-02	1.01e-02	10.1	10.1	5.7	5.7	-25.3	-8.2	-3.7	119.9	-37.7	-113.8
377	ok	0.22	3.23e-02	1.15e-02	10.1	10.1	5.7	5.7	-30.0	-6.2	4.3	-46.0	-48.1	-103.3
378	ok	0.22	4.63e-02	1.44e-02	10.1	10.1	5.7	5.7	-35.2	-5.9	10.2	-212.5	-62.7	-85.4
379	ok	0.22	6.73e-02	1.71e-02	10.1	10.1	5.7	5.7	-39.7	-7.9	13.0	-387.5	-84.7	-58.4
380	ok	0.22	9.44e-02	1.77e-02	10.1	10.1	5.7	5.7	-43.2	-9.0	17.6	-576.3	-115.1	-12.7
381	ok	0.22	8.22e-02	1.63e-02	10.1	10.1	5.7	5.7	-0.7	-24.8	-25.8	474.4	-63.9	62.4
382	ok	0.22	7.64e-02	7.57e-03	10.1	10.1	5.7	5.7	1.5	-2.8	-19.8	298.2	31.7	208.1
383	ok	0.22	7.17e-02	1.65e-02	10.1	10.1	5.7	5.7	-13.0	-26.7	-21.6	413.3	-71.8	-58.5
384	ok	0.22	5.07e-02	1.34e-02	10.1	10.1	5.7	5.7	-24.2	-21.6	-12.3	271.2	-68.1	-92.2
385	ok	0.22	2.82e-02	1.26e-02	10.1	10.1	5.7	5.7	-33.7	-16.0	-2.3	119.4	-66.9	-94.4
386	ok	0.22	3.14e-02	1.59e-02	10.1	10.1	5.7	5.7	-41.5	-11.8	5.0	-36.8	-68.3	-85.4
387	ok	0.22	4.24e-02	1.86e-02	10.1	10.1	5.7	5.7	-50.0	-10.7	12.3	-195.9	-74.0	-71.4
388	ok	0.22	6.05e-02	2.08e-02	10.1	10.1	5.7	5.7	-53.8	-11.4	16.6	-356.7	-84.1	-47.1
389	ok	0.22	8.08e-02	2.14e-02	10.1	10.1	5.7	5.7	-54.3	-11.0	15.9	-500.7	-99.4	-9.0
390	ok	0.22	5.99e-02	1.46e-02	10.1	10.1	5.7	5.7	0.6	-25.2	-22.5	349.8	-87.4	20.9
391	ok	0.22	4.21e-02	6.63e-03	10.1	10.1	5.7	5.7	2.9	5.2	-22.1	209.2	-14.9	86.5
392	ok	0.22	5.97e-02	1.57e-02	10.1	10.1	5.7	5.7	-13.2	-34.7	-11.6	347.9	-109.1	-44.0
393	ok	0.22	4.49e-02	1.27e-02	10.1	10.1	5.7	5.7	-29.6	-30.3	-1.4	253.3	-102.3	-69.0
394	ok	0.22	2.88e-02	1.67e-02	10.1	10.1	5.7	5.7	-43.6	-22.4	4.4	119.4	-91.4	-70.0
395	ok	0.22	2.88e-02	2.07e-02	10.1	10.1	5.7	5.7	-56.5	-16.3	11.3	-29.6	-82.4	-62.7
396	ok	0.22	3.70e-02	2.33e-02	10.1	10.1	5.7	5.7	-63.2	-13.3	14.3	-181.8	-78.3	-51.6
397	ok	0.22	5.40e-02	2.50e-02	10.1	10.1	5.7	5.7	-67.1	-13.2	17.1	-327.7	-79.1	-32.3
398	ok	0.22	7.11e-02	2.54e-02	10.1	10.1	5.7	5.7	-67.3	-13.5	16.1	-446.4	-88.1	-5.6

399	ok	0.22	5.03e-02	1.51e-02	10.1	10.1	5.7	5.7	-4.5	-33.5	-11.7	292.6	-109.1	-23.2
400	ok	0.22	2.97e-02	6.91e-03	10.1	10.1	5.7	5.7	4.4	5.7	-23.9	172.4	-48.4	3.0
401	ok	0.22	5.36e-02	1.73e-02	10.1	10.1	5.7	5.7	-19.4	-44.3	-0.5	314.7	-132.6	-41.4
402	ok	0.22	4.11e-02	1.88e-02	10.1	10.1	5.7	5.7	-40.5	-37.3	9.3	244.2	-124.8	-44.4
403	ok	0.22	2.97e-02	2.31e-02	10.1	10.1	5.7	5.7	-57.6	-26.1	13.5	121.3	-106.4	-40.4
404	ok	0.22	2.67e-02	2.64e-02	10.1	10.1	5.7	5.7	-71.4	-18.0	16.4	-23.5	-89.9	-34.9
405	ok	0.22	3.08e-02	2.85e-02	10.1	10.1	5.7	5.7	-78.1	-14.1	16.3	-170.8	-79.5	-27.4
406	ok	0.22	4.89e-02	2.97e-02	10.1	10.1	5.7	5.7	-81.5	-14.2	17.2	-308.4	-75.8	-15.9
407	ok	0.22	6.52e-02	2.97e-02	10.1	10.1	5.7	5.7	-80.8	-16.0	15.6	-415.0	-81.7	-2.4
408	ok	0.22	5.06e-02	1.94e-02	10.1	10.1	5.7	5.7	-13.1	-49.1	1.1	287.0	-130.0	-64.9
409	ok	0.22	3.24e-02	8.36e-03	10.1	10.1	5.7	5.7	3.0	-9.31e-02	-23.4	163.9	-66.1	-65.1
410	ok	0.22	5.38e-02	2.55e-02	10.1	10.1	5.7	5.7	-35.0	-55.8	17.9	321.9	-150.2	-40.5
411	ok	0.22	4.06e-02	2.86e-02	10.1	10.1	5.7	5.7	-60.5	-40.9	24.7	251.8	-133.8	-16.1
412	ok	0.22	2.98e-02	3.12e-02	10.1	10.1	5.7	5.7	-77.6	-25.6	22.9	126.0	-108.6	-6.8
413	ok	0.22	3.03e-02	3.30e-02	10.1	10.1	5.7	5.7	-89.4	-16.6	21.0	-18.9	-89.2	-4.4
414	ok	0.22	3.08e-02	3.40e-02	10.1	10.1	5.7	5.7	-94.5	-12.7	17.7	-164.4	-77.8	-1.8
415	ok	0.22	4.65e-02	3.45e-02	10.1	10.1	5.7	5.7	-96.7	-13.9	12.2	-300.6	-74.2	1.1
416	ok	0.22	6.31e-02	3.38e-02	10.1	10.1	5.7	5.7	-94.3	-18.6	16.3	-406.9	-80.2	0.8
417	ok	0.22	6.40e-02	3.20e-02	10.1	10.1	5.7	5.7	-34.3	-75.2	18.3	345.4	-143.2	-137.8
418	ok	0.22	5.10e-02	1.29e-02	10.1	10.1	5.7	5.7	-18.9	-17.5	-16.9	233.7	-65.0	-127.6
419	ok	0.22	6.17e-02	4.06e-02	10.1	10.1	5.7	5.7	-67.8	-67.3	43.3	385.0	-157.4	-32.0
420	ok	0.22	4.32e-02	4.08e-02	10.1	10.1	5.7	5.7	-91.8	-37.2	40.8	269.9	-125.2	22.1
421	ok	0.22	3.67e-02	4.02e-02	10.1	10.1	5.7	5.7	-102.9	-20.2	31.0	130.5	-95.9	29.0
422	ok	0.22	3.55e-02	3.98e-02	10.1	10.1	5.7	5.7	-109.9	-12.0	21.1	-17.1	-78.7	25.8
423	ok	0.22	3.51e-02	3.95e-02	10.1	10.1	5.7	5.7	-111.7	-9.1	15.1	-163.2	-71.9	22.2
424	ok	0.22	4.67e-02	3.91e-02	10.1	10.1	5.7	5.7	-111.5	-12.2	9.9	-303.7	-73.8	17.0
425	ok	0.22	6.48e-02	3.76e-02	10.1	10.1	5.7	5.7	-106.9	-20.9	13.0	-422.2	-83.5	4.2
426	ok	0.22	0.1	6.93e-02	10.1	10.1	5.7	5.7	-103.1	-122.3	74.3	731.8	-162.7	-371.1
427	ok	0.22	0.1	5.46e-02	10.1	10.1	5.7	5.7	-141.5	-22.8	-36.6	858.2	60.3	-31.4
428	ok	0.22	7.99e-02	6.57e-02	10.1	10.1	5.7	5.7	-120.1	-62.2	67.9	455.5	-158.9	42.1
429	ok	0.22	4.86e-02	5.53e-02	10.1	10.1	5.7	5.7	-134.2	-23.1	45.8	288.9	-92.9	68.6
430	ok	0.22	4.23e-02	4.87e-02	10.1	10.1	5.7	5.7	-130.7	-10.7	29.5	131.5	-67.8	63.4
431	ok	0.22	4.00e-02	4.58e-02	10.1	10.1	5.7	5.7	-127.0	-5.7	18.6	-20.5	-57.1	53.3
432	ok	0.22	3.85e-02	4.43e-02	10.1	10.1	5.7	5.7	-124.1	-4.1	12.8	-167.7	-57.9	41.4
433	ok	0.22	4.85e-02	4.32e-02	10.1	10.1	5.7	5.7	-125.1	-9.0	5.8	-313.9	-72.2	28.9
434	ok	0.22	7.00e-02	4.06e-02	10.1	10.1	5.7	5.7	-117.1	-22.7	7.2	-459.7	-92.1	7.8
435	ok	0.22	0.6	0.1	10.1	10.1	5.7	5.7	-234.3	-162.5	189.3	3850.7	29.4	-1382.1
436	ok	0.25	1.0	0.1	13.0	11.9	8.6	7.5	-265.7	44.2	-150.2	6920.2	1889.7	2523.1
437	ok	0.22	8.95e-02	0.1	10.1	10.1	5.7	5.7	-199.9	-13.2	71.6	460.0	-121.9	169.7
438	ok	0.22	5.49e-02	6.39e-02	10.1	10.1	5.7	5.7	-179.3	-3.4	27.4	309.1	-32.3	119.4
439	ok	0.22	4.64e-02	5.49e-02	10.1	10.1	5.7	5.7	-157.0	-2.5	16.3	127.2	-27.0	108.8
440	ok	0.22	4.28e-02	5.01e-02	10.1	10.1	5.7	5.7	-141.3	-1.2	10.8	-31.1	-26.0	90.4
441	ok	0.22	4.07e-02	4.73e-02	10.1	10.1	5.7	5.7	-134.0	-0.5	7.9	-180.9	-29.4	67.6
442	ok	0.22	5.13e-02	4.87e-02	10.1	10.1	5.7	5.7	-131.4	-1.2	4.6	-331.5	-44.7	38.4
443	ok	0.22	7.69e-02	4.34e-02	10.1	10.1	5.7	5.7	-118.9	-23.9	-3.0	-510.2	-104.9	8.3
444	ok	0.22	0.5	0.2	10.1	10.1	5.7	5.7	-483.0	-244.0	-242.0	-1564.7	696.5	2254.7
445	ok	0.22	7.92e-02	8.66e-02	10.1	10.1	5.7	5.7	-187.2	169.9	-63.7	521.7	143.2	58.1
446	ok	0.22	5.44e-02	6.67e-02	10.1	10.1	5.7	5.7	-187.3	19.3	-3.0	313.7	27.2	42.9
447	ok	0.22	4.82e-02	5.77e-02	10.1	10.1	5.7	5.7	-167.6	-0.2	1.3	121.3	1.8	59.2
448	ok	0.22	4.43e-02	5.23e-02	10.1	10.1	5.7	5.7	-148.9	0.8	1.2	-37.5	2.0	48.2
449	ok	0.22	4.13e-02	4.82e-02	10.1	10.1	5.7	5.7	-139.8	0.7	1.8	-188.9	4.5	38.9
450	ok	0.22	5.28e-02	4.45e-02	10.1	10.1	5.7	5.7	-124.4	10.2	9.0	-349.3	31.8	32.0
451	ok	0.29	0.9	0.2	10.1	17.9	5.7	13.5	-415.8	-201.3	-38.0	8984.7	1446.9	4133.9
453	ok	0.22	0.6	4.11e-02	10.1	10.1	5.7	5.7	176.0	-96.1	-51.4	-1925.2	2319.0	1715.4
454	ok	0.22	0.4	1.82e-02	10.1	10.1	5.7	5.7	-9.8	-12.4	-37.8	589.0	824.8	1044.7
455	ok	0.22	0.1	3.90e-03	10.1	10.1	5.7	5.7	-1.5	16.3	-16.0	196.7	184.9	328.9
456	ok	0.22	3.72e-02	2.31e-03	10.1	10.1	5.7	5.7	2.5	31.1	-16.0	83.2	53.1	104.2
457	ok	0.22	1.25e-02	2.33e-03	10.1	10.1	5.7	5.7	3.5	42.6	-22.3	72.5	-6.2	3.7
458	ok	0.22	2.29e-02	3.04e-03	10.1	10.1	5.7	5.7	4.0	52.1	-27.7	82.8	-29.7	-68.8
459	ok	0.22	4.31e-02	6.55e-03	10.1	10.1	5.7	5.7	-8.5	51.2	-26.7	148.0	-14.7	-121.1
460	ok	0.22	0.2	2.43e-02	10.1	10.1	5.7	5.7	-67.8	25.4	15.5	596.3	343.1	-264.2
462	ok	0.56	1.0	3.11e-02	36.8	10.1	20.5	5.7	319.6	173.2	155.3	-1.202e+04	-3186.2	-4349.2
463	ok	0.22	0.4	3.60e-03	10.1	10.1	5.7	5.7	29.8	28.1	28.5	-1655.2	-349.2	-677.3
464	ok	0.22	3.75e-02	8.27e-04	10.1	10.1	5.7	5.7	0.6	35.8	1.9	-214.5	66.5	-32.3
465	ok	0.22	1.60e-02	7.16e-04	10.1	10.1	5.7	5.7	-0.7	56.0	-4.4	-34.3	47.3	12.4
466	ok	0.22	4.66e-03	6.16e-04	10.1	10.1	5.7	5.7	0.2	82.4	-12.9	-7.4	13.3	-5.2
467	ok	0.22	9.18e-03	4.35e-04	10.1	10.1	5.7	5.7	2.7	116.9	-17.8	-16.8	-12.5	-23.2
468	ok	0.22	2.67e-02	1.07e-03	10.1	10.1	5.7	5.7	13.1	158.7	-23.6	-139.7	-67.0	-2.8
469	ok	0.22	0.3	5.27e-03	10.1	10.1	5.7	5.7	78.6	183.1	-32.9	-1181.5	-464.3	380.2

Nodo	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
	0.67	0.98	0.24	58.99	57.47	34.04	27.23	-518.09 319.55	-243.95 183.13	-241.96-1.808e+04 216.72 2.168e+04		-6181.18 4810.98	-8786.05 8188.48

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
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		daN/cm2					daN/cm	daN/cm
11	ok	0.47						
17	ok Av	13.55	0.08	0.61	2.0	15.3	27.5	209.6
18	ok	6.83						
29	ok	0.34						
30	ok Av	11.32	0.25	0.45	6.2	11.3	85.0	154.8
355	ok Av	6.71	0.13	0.28	3.4	6.8	46.3	93.9
356	ok	2.41						
357	ok	2.41						
358	ok Av	6.71	0.14	0.28	3.4	6.8	46.3	93.9
359	ok	0.76						
360	ok	0.76						
361	ok	0.45						
362	ok	0.45						
363	ok	0.35						
364	ok	0.35						
365	ok	0.32						
366	ok	0.32						
367	ok	0.33						
368	ok	0.33						
369	ok	0.47						
370	ok	0.47						
371	ok	0.47						
372	ok	1.12						
373	ok	1.21						
374	ok	0.54						
375	ok	0.35						
376	ok	0.28						
377	ok	0.26						
378	ok	0.29						
379	ok	0.37						
380	ok	0.37						
381	ok	0.50						
382	ok	0.55						
383	ok	0.35						
384	ok	0.27						
385	ok	0.24						
386	ok	0.24						
387	ok	0.25						
388	ok	0.27						
389	ok	0.27						
390	ok	0.26						
391	ok	0.28						
392	ok	0.21						
393	ok	0.19						
394	ok	0.20						
395	ok	0.21						
396	ok	0.22						
397	ok	0.22						
398	ok	0.21						
399	ok	0.15						
400	ok	0.17						
401	ok	0.12						
402	ok	0.16						
403	ok	0.18						
404	ok	0.19						
405	ok	0.19						
406	ok	0.19						
407	ok	0.17						
408	ok	0.13						
409	ok	0.15						
410	ok	0.09						
411	ok	0.14						
412	ok	0.17						
413	ok	0.19						
414	ok	0.19						
415	ok	0.18						
416	ok	0.17						
417	ok	0.29						
418	ok	0.29						
419	ok	0.21						
420	ok	0.18						
421	ok	0.19						
422	ok	0.20						
423	ok	0.20						
424	ok	0.21						
425	ok	0.21						

426	ok	0.98										
427	ok	0.98										
428	ok	0.51										
429	ok	0.28										
430	ok	0.23										
431	ok	0.21										
432	ok	0.23										
433	ok	0.27										
434	ok	0.27										
435	ok Av	9.46	0.13	0.41	3.3	10.2	44.8	140.7				
436	ok Av	11.32	0.25	0.45	6.2	11.3	85.0	154.8				
437	ok	1.02										
438	ok	0.46										
439	ok	0.31										
440	ok	0.26										
441	ok	0.25										
442	ok	0.34										
443	ok	0.34										
444	ok Av	9.46	0.13	0.41	3.3	10.2	44.8	140.7				
445	ok	1.02										
446	ok	0.46										
447	ok	0.31										
448	ok	0.26										
449	ok	0.25										
450	ok	0.34										
451	ok Av	6.83	0.13	0.27	3.4	6.8	46.3	93.9				
452	ok Av	13.55	0.25	0.61	6.2	15.3	85.0	209.6				
453	ok Av	6.83	0.31	0.28	7.8	6.8	106.5	93.9				
454	ok	1.94										
455	ok	0.80										
456	ok	0.28										
457	ok	0.17										
458	ok	0.18										
459	ok	0.29										
460	ok	0.89										
461	ok Av	13.55	0.25	0.61	6.2	15.3	85.0	209.6				
462	ok	6.83										
463	ok	1.94										
464	ok	0.80										
465	ok	0.27										
466	ok	0.13										
467	ok	0.18										
468	ok	0.29										
469	ok	0.38										
470	ok Av	13.55	0.08	0.61	2.0	15.3	27.5	209.6				

Nodo	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
	13.55	0.31	0.61	7.75	15.26	106.49	209.58

Parete	H totale	Spessore	H critica	H critica V	L totale	L confinata	Verif. N	Verif. N-M	Fattore V	Diagramma V	Verif. V	Prog. composta
	cm	cm	cm	cm	cm	cm						
5	400.00	20.00	300.00	300.00	462.87	92.57	ok	ok	1.00	NO	ok	SI

Quota	Af conf.	Af std	Af V (ori)	Ver. N	Ver. N/M	Ver. V cls	Ver. V acc	Ver. V acc(7)	Ver. V scorr.	N add	M invil	V invil
cm										daN	daN	daN
0.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

[illegible]

395.0	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
400.0	Od0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota

Ver. N	Ver. N/M	Ver. V cls	Ver. V acc	Ver. V acc(7)	Ver. V scor.
0.0	0.0	0.0	0.0	0.0	0.0

Quota	N v.N	N v.M/N	M v.M/N	N v.Vcls	V v.Vcls	N v.Vacc	M v. Vacc	V v.Vacc	N v.Vscor	M v.Vscor	V v.Vscor
cm	daN	daN	daN cm	daN	daN	daN	daN cm	daN	daN	daN cm	daN
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
32.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
33.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
34.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
36.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
37.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
39.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
64.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
66.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
68.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
72.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
74.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
78.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
99.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
102.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
105.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
108.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
111.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
117.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
128.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
136.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
140.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
148.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
156.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
175.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
185.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
190.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
192.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
195.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
198.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
204.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
210.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
216.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
222.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
224.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
228.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
231.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
234.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
238.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
240.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
245.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
252.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
256.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
259.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
264.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
266.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
272.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
273.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
280.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
288.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

[illegible][illegible]

[illegible]

Quota	V[7.4.16]	N	M	V	alfaS	VRd,c	VRd,s	V[7.4.17]	roH	roV	roN
cm		daN	daN cm	daN		daN	daN				
0.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
32.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
33.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
34.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
35.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
36.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
37.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
38.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
39.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
40.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
64.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
66.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
68.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
70.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
72.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
74.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
76.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
78.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
80.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
96.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
99.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
102.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
105.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0

[illegible]

V[7.4.17]
0.0

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+Af	sec-Af	sec+	N z daN/cm	N o daN/cm	N zo daN/cm	M z daN	M o daN	M zo daN
21	ok	0.22	0.1	4.11e-02	10.1	10.1	5.7	5.7	-116.7	-16.1	15.1	-898.7	-132.5	38.9
22	ok	0.65	0.8	0.7	57.2	10.1	34.7	5.7	-2548.1	-459.3	-1269.1	1.477e+04	2852.1	7050.8
39	ok	0.22	0.2	2.51e-02	10.1	10.1	5.7	5.7	-69.1	-10.6	-14.2	-824.4	-126.1	-32.1
492	ok	0.22	0.1	3.73e-02	10.1	10.1	5.7	5.7	-102.8	-22.0	-4.7	-754.5	-169.5	-42.2
493	ok	0.22	8.29e-02	4.12e-02	10.1	10.1	5.7	5.7	-119.6	-8.6	-0.6	-486.3	-134.6	-85.7
494	ok	0.22	8.95e-02	3.68e-02	10.1	10.1	5.7	5.7	-106.5	6.7	-6.1	-556.0	27.5	-80.7
495	ok	0.22	8.43e-02	3.53e-02	10.1	10.1	5.7	5.7	-100.2	-19.6	-10.9	-533.9	-105.8	-11.2
496	ok	0.22	6.64e-02	3.65e-02	10.1	10.1	5.7	5.7	-101.3	-13.1	-11.0	-398.7	-94.1	-68.1
497	ok	0.22	6.77e-02	3.16e-02	10.1	10.1	5.7	5.7	-87.7	-17.4	-14.1	-420.0	-82.7	-5.4
498	ok	0.22	5.39e-02	3.19e-02	10.1	10.1	5.7	5.7	-86.1	-16.0	-12.9	-328.4	-79.5	-33.9
499	ok	0.22	6.30e-02	2.72e-02	10.1	10.1	5.7	5.7	-74.7	-15.0	-15.3	-383.1	-75.3	0.4
500	ok	0.22	4.99e-02	2.70e-02	10.1	10.1	5.7	5.7	-73.7	-16.7	-11.1	-304.8	-75.8	0.9
501	ok	0.22	7.14e-02	2.31e-02	10.1	10.1	5.7	5.7	-63.1	-12.7	-13.6	-429.9	-84.7	6.7
502	ok	0.22	5.79e-02	2.29e-02	10.1	10.1	5.7	5.7	-59.7	-14.0	-13.1	-334.9	-82.2	38.3
503	ok	0.22	9.48e-02	1.98e-02	10.1	10.1	5.7	5.7	-53.6	-10.8	-12.3	-568.2	-112.6	14.0
504	ok	0.22	7.64e-02	1.98e-02	10.1	10.1	5.7	5.7	-50.7	-10.7	-11.8	-426.6	-100.2	75.6
505	ok	0.22	0.1	1.81e-02	10.1	10.1	5.7	5.7	-47.4	-9.3	-12.1	-804.1	-158.1	20.9
506	ok	0.22	0.1	1.94e-02	10.1	10.1	5.7	5.7	-44.4	-7.6	-8.5	-554.5	-124.4	98.2
507	ok	0.22	0.1	1.62e-02	10.1	10.1	5.7	5.7	-44.6	-0.3	-1.2	-588.9	-22.4	67.2
508	ok	0.22	6.25e-02	4.08e-02	10.1	10.1	5.7	5.7	-114.7	-2.4	-10.0	-278.1	-75.8	-143.7
509	ok	0.22	5.76e-02	3.96e-02	10.1	10.1	5.7	5.7	-112.6	0.8	-2.8	-309.8	-3.3	-116.1
510	ok	0.22	5.19e-02	3.69e-02	10.1	10.1	5.7	5.7	-103.8	-10.9	-14.2	-237.7	-90.2	-103.1
511	ok	0.22	3.95e-02	3.11e-02	10.1	10.1	5.7	5.7	-85.5	-16.6	-14.4	-203.5	-86.4	-55.9
512	ok	0.22	3.09e-02	2.56e-02	10.1	10.1	5.7	5.7	-69.6	-18.2	-11.2	-188.5	-87.4	-1.3
513	ok	0.22	4.28e-02	2.13e-02	10.1	10.1	5.7	5.7	-58.4	-15.8	-11.4	-204.3	-91.5	58.1
514	ok	0.22	6.05e-02	1.83e-02	10.1	10.1	5.7	5.7	-48.2	-10.7	-5.7	-251.8	-95.3	110.2
515	ok	0.22	7.74e-02	1.69e-02	10.1	10.1	5.7	5.7	-44.1	-4.0	-9.5	-283.2	-82.9	144.8
516	ok	0.22	7.65e-02	1.23e-02	10.1	10.1	5.7	5.7	-32.9	0.7	1.1	-347.4	-5.7	113.8
517	ok	0.22	4.85e-02	4.24e-02	10.1	10.1	5.7	5.7	-118.0	-2.6	-14.4	-85.3	-53.9	-174.3
518	ok	0.22	3.75e-02	4.32e-02	10.1	10.1	5.7	5.7	-122.5	0.9	-2.6	-94.5	3.26e-02	-140.9
519	ok	0.22	4.17e-02	3.73e-02	10.1	10.1	5.7	5.7	-102.5	-11.8	-19.9	-70.8	-85.8	-122.8
520	ok	0.22	3.40e-02	3.03e-02	10.1	10.1	5.7	5.7	-80.9	-19.0	-17.3	-59.7	-99.0	-71.6
521	ok	0.22	2.89e-02	2.39e-02	10.1	10.1	5.7	5.7	-64.0	-20.8	-11.0	-51.4	-107.0	-8.2
522	ok	0.22	3.57e-02	1.93e-02	10.1	10.1	5.7	5.7	-53.8	-17.5	-8.8	-52.1	-108.8	63.4
523	ok	0.22	4.77e-02	1.68e-02	10.1	10.1	5.7	5.7	-45.0	-10.8	-1.9	-70.3	-96.6	127.0
524	ok	0.22	5.91e-02	1.50e-02	10.1	10.1	5.7	5.7	-40.4	-2.9	-5.4	-98.2	-58.7	172.7
525	ok	0.22	4.87e-02	1.02e-02	10.1	10.1	5.7	5.7	-26.5	0.7	1.7	-141.8	-0.8	138.5
526	ok	0.22	4.46e-02	4.52e-02	10.1	10.1	5.7	5.7	-127.1	-4.7	-20.3	102.5	-39.8	-193.1
527	ok	0.22	4.15e-02	4.78e-02	10.1	10.1	5.7	5.7	-138.6	0.5	-2.7	111.4	1.9	-155.5
528	ok	0.22	3.60e-02	3.80e-02	10.1	10.1	5.7	5.7	-98.1	-15.7	-26.7	94.3	-83.9	-135.1
529	ok	0.22	3.46e-02	2.93e-02	10.1	10.1	5.7	5.7	-71.8	-23.6	-20.5	87.8	-113.4	-83.1
530	ok	0.22	3.47e-02	2.17e-02	10.1	10.1	5.7	5.7	-54.2	-24.3	-13.8	91.2	-130.5	-19.8
531	ok	0.22	3.75e-02	1.69e-02	10.1	10.1	5.7	5.7	-45.4	-19.6	-5.2	105.9	-131.6	54.6
532	ok	0.22	3.97e-02	1.53e-02	10.1	10.1	5.7	5.7	-42.0	-11.1	-0.9	115.9	-102.0	132.2
533	ok	0.22	4.87e-02	1.38e-02	10.1	10.1	5.7	5.7	-36.2	-3.1	2.8	103.0	-48.9	177.1
534	ok	0.22	4.26e-02	9.04e-03	10.1	10.1	5.7	5.7	-23.1	0.7	1.9	54.3	2.2	151.9
535	ok	0.22	6.88e-02	4.99e-02	10.1	10.1	5.7	5.7	-137.6	-7.9	-29.6	294.1	-28.8	-200.7
536	ok	0.22	6.51e-02	5.45e-02	10.1	10.1	5.7	5.7	-158.2	1.0	-3.1	323.8	3.6	-162.2
537	ok	0.22	5.24e-02	3.92e-02	10.1	10.1	5.7	5.7	-94.0	-24.0	-35.2	257.8	-84.7	-138.9
538	ok	0.22	4.24e-02	2.79e-02	10.1	10.1	5.7	5.7	-61.9	-31.3	-23.2	226.4	-126.8	-88.8
539	ok	0.22	4.02e-02	1.89e-02	10.1	10.1	5.7	5.7	-44.6	-29.4	-12.2	219.1	-151.2	-36.1
540	ok	0.22	4.33e-02	1.39e-02	10.1	10.1	5.7	5.7	-37.9	-23.0	-0.7	252.2	-157.1	29.7
541	ok	0.22	5.78e-02	1.48e-02	10.1	10.1	5.7	5.7	-38.5	-12.5	5.1	303.9	-115.2	116.2
542	ok	0.22	7.68e-02	1.36e-02	10.1	10.1	5.7	5.7	-35.8	-2.6	2.7	325.8	-28.8	205.4
543	ok	0.22	7.22e-02	8.61e-03	10.1	10.1	5.7	5.7	-20.2	0.8	1.9	307.9	6.4	173.6
544	ok	0.22	9.42e-02	5.79e-02	10.1	10.1	5.7	5.7	-152.6	-14.5	-46.0	503.7	-17.6	-193.3
545	ok	0.22	9.26e-02	6.53e-02	10.1	10.1	5.7	5.7	-189.5	1.7	-4.3	566.4	6.3	-160.4
546	ok	0.22	7.67e-02	4.06e-02	10.1	10.1	5.7	5.7	-84.9	-38.6	-45.3	421.2	-89.9	-127.1
547	ok	0.22	6.15e-02	2.64e-02	10.1	10.1	5.7	5.7	-48.0	-40.9	-23.6	347.2	-137.3	-81.6
548	ok	0.22	5.58e-02	1.63e-02	10.1	10.1	5.7	5.7	-33.0	-34.2	-9.3	316.7	-163.0	-51.8
549	ok	0.22	6.28e-02	1.33e-02	10.1	10.1	5.7	5.7	-28.7	-26.7	4.2	364.6	-178.6	-14.8
550	ok	0.22	8.45e-02	1.57e-02	10.1	10.1	5.7	5.7	-34.7	-15.0	12.6	485.5	-140.9	70.5
551	ok	0.22	0.1	1.50e-02	10.1	10.1	5.7	5.7	-37.5	-2.0	6.9	578.6	-8.9	181.7
552	ok	0.22	0.1	8.76e-03	10.1	10.1	5.7	5.7	-21.3	1.0	1.4	587.7	13.2	165.1
553	ok	0.22	0.1	7.42e-02	10.1	10.1	5.7	5.7	-175.3	-35.4	-79.2	746.2	-17.9	-167.7
554	ok	0.22	0.1	8.49e-02	10.1	10.1	5.7	5.7	-235.2	17.1	-2.5	870.5	26.6	-142.5
555	ok	0.22	9.92e-02	4.36e-02	10.1	10.1	5.7	5.7	-63.7	-65.3	-54.2	584.0	-108.7	-85.3
556	ok	0.22	7.63e-02	2.42e-02	10.1	10.1	5.7	5.7	-30.9	-49.6	-19.0	437.7	-142.8	-49.1
557	ok	0.22	6.60e-02	1.46e-02	10.1	10.1	5.7	5.7	-20.4	-36.4	-0.3	369.9	-158.4	-53.9
558	ok	0.22	7.35e-02	1.39e-02	10.1	10.1	5.7	5.7	-18.5	-28.6	8.6	407.8	-178.7	-74.2
559	ok	0.22	0.1	1.72e-02	10.1	10.1	5.7	5.7	-28.8	-20.1	21.3	624.8	-182.7	-35.8
560	ok	0.22	0.2	1.86e-02	10.1	10.1	5.7	5.7	-44.7	-0.6	12.6	888.9	25.3	114.1
561	ok	0.22	0.2	9.12e-03	10.1	10.1	5.7	5.7	-22.9	1.9	-0.7	957.6	27.3	130.5
562	ok	0.22	0.2	0.1	10.1	10.1	5.7	5.7	-241.3	-138.0	-205.3	1039.8	-142.5	-139.0
563	ok	0.22	0.2	0.1	10.1	10.1	5.7	5.7	-313.7	154.1	48.3	1351.9	220.5	-44.6

564	ok	0.22	0.1	4.28e-02	10.1	10.1	5.7	5.7	-26.8	-93.5	-39.5	714.6	-192.6	14.2
565	ok	0.22	8.57e-02	2.07e-02	10.1	10.1	5.7	5.7	-13.8	-50.9	-6.2	476.3	-147.1	19.1
566	ok	0.22	6.57e-02	1.33e-02	10.1	10.1	5.7	5.7	-9.5	-32.3	7.1	361.0	-136.5	-34.3
567	ok	0.22	7.12e-02	1.34e-02	10.1	10.1	5.7	5.7	-10.6	-24.9	12.5	353.0	-151.5	-120.7
568	ok	0.22	0.1	1.80e-02	10.1	10.1	5.7	5.7	-17.6	-26.1	26.4	577.0	-208.5	-257.1
569	ok	0.22	0.2	2.69e-02	10.1	10.1	5.7	5.7	-64.4	-2.6	30.1	1317.9	171.6	-102.5
570	ok	0.22	0.3	9.19e-03	10.1	10.1	5.7	5.7	-22.4	9.6	-10.6	1541.9	14.3	-2.6
571	ok	0.22	0.3	0.2	10.1	10.1	5.7	5.7	-64.0	-156.0	-39.5	1880.9	-279.7	559.5
572	ok	0.22	0.4	0.4	10.1	10.1	5.7	5.7	-1044.8	-597.0	-211.9	3961.6	-199.1	768.3
573	ok	0.22	0.2	5.79e-02	10.1	10.1	5.7	5.7	19.0	-31.4	26.0	906.6	-148.6	386.8
574	ok	0.22	0.1	2.59e-02	10.1	10.1	5.7	5.7	9.1	-20.5	20.4	520.1	-99.1	223.2
575	ok	0.22	6.22e-02	1.59e-02	10.1	10.1	5.7	5.7	6.0	-6.7	20.3	347.7	-56.1	59.7
576	ok	0.22	5.62e-02	1.37e-02	10.1	10.1	5.7	5.7	-6.7	-13.0	18.6	239.3	-73.7	-110.7
577	ok	0.22	0.1	1.57e-02	10.1	10.1	5.7	5.7	2.3	-21.1	20.1	322.8	35.7	-427.7
580	ok	0.22	0.7	9.17e-02	11.8	10.1	7.5	5.7	90.1	215.8	202.3	1002.6	-1948.7	-363.3
581	ok	0.22	0.1	5.33e-02	10.1	10.1	5.7	5.7	-18.2	-135.8	-9.9	682.1	-184.9	212.9
582	ok	0.22	7.28e-02	1.96e-02	10.1	10.1	5.7	5.7	-13.1	-46.4	10.8	373.0	-117.0	118.3
583	ok	0.22	4.05e-02	1.06e-02	10.1	10.1	5.7	5.7	-12.8	-22.4	9.2	233.1	-66.7	39.6
584	ok	0.22	2.69e-02	7.23e-03	10.1	10.1	5.7	5.7	-14.1	-14.5	5.2	135.0	-48.6	-36.0
585	ok	0.22	5.72e-02	5.63e-03	10.1	10.1	5.7	5.7	-3.0	10.9	17.8	-2.1	-66.2	-203.5
586	ok	0.22	0.1	3.55e-02	10.1	10.1	5.7	5.7	-2.4	-89.9	9.8	-22.5	-98.6	-657.0
1361	ok	0.22	0.8	7.98e-02	10.5	10.1	5.8	5.7	188.8	-203.9	-12.4	2235.2	2912.2	1297.6
1362	ok	0.22	0.3	4.57e-02	10.1	10.1	5.7	5.7	47.3	-49.2	74.1	881.5	421.3	486.7
1363	ok	0.22	0.1	2.55e-02	10.1	10.1	5.7	5.7	3.5	-33.2	37.6	544.3	178.5	214.3
1364	ok	0.22	6.91e-02	1.48e-02	10.1	10.1	5.7	5.7	0.2	-6.6	30.8	302.5	82.3	104.0
1365	ok	0.22	3.35e-02	1.04e-02	10.1	10.1	5.7	5.7	-2.0	3.2	24.4	195.5	43.5	5.4
1366	ok	0.22	3.88e-02	8.86e-03	10.1	10.1	5.7	5.7	-6.1	-1.3	18.9	124.4	25.8	-98.5
1367	ok	0.22	8.15e-02	1.42e-02	10.1	10.1	5.7	5.7	-4.1	-15.2	19.9	96.7	67.0	-280.8

Nodo	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
	0.65	0.98	0.69	57.18	51.45	34.70	37.72	-2548.08	-597.04	-1269.09	-9104.57	-5078.00	-1.102e+04
								188.78	215.83	202.26	1.532e+04	9973.68	7050.84

Nodo	Stato	Max tau daN/cm2	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr daN/cm	V sec daN/cm
21	ok	0.56						
22	ok Av	26.64	1.00	0.49	31.5	12.9	349.0	177.4
39	ok	0.73						
40	ok Av	11.06	0.24	0.44	6.0	11.1	81.9	151.8
492	ok	0.56						
493	ok	0.56						
494	ok	0.56						
495	ok	0.33						
496	ok	0.33						
497	ok	0.21						
498	ok	0.22						
499	ok	0.15						
500	ok	0.18						
501	ok	0.24						
502	ok	0.25						
503	ok	0.40						
504	ok	0.40						
505	ok	0.73						
506	ok	0.73						
507	ok	0.73						
508	ok	0.30						
509	ok	0.30						
510	ok	0.29						
511	ok	0.22						
512	ok	0.20						
513	ok	0.25						
514	ok	0.36						
515	ok	0.43						
516	ok	0.43						
517	ok	0.27						
518	ok	0.23						
519	ok	0.27						
520	ok	0.22						
521	ok	0.20						
522	ok	0.25						
523	ok	0.34						
524	ok	0.34						
525	ok	0.33						
526	ok	0.25						
527	ok	0.20						

528	ok	0.25										
529	ok	0.22										
530	ok	0.20										
531	ok	0.25										
532	ok	0.34										
533	ok	0.34										
534	ok	0.31										
535	ok	0.27										
536	ok	0.24										
537	ok	0.27										
538	ok	0.21										
539	ok	0.18										
540	ok	0.24										
541	ok	0.37										
542	ok	0.39										
543	ok	0.39										
544	ok	0.33										
545	ok	0.33										
546	ok	0.31										
547	ok	0.21										
548	ok	0.15										
549	ok	0.23										
550	ok	0.43										
551	ok	0.57										
552	ok	0.57										
553	ok	0.56										
554	ok	0.56										
555	ok	0.38										
556	ok	0.22										
557	ok	0.12										
558	ok	0.20										
559	ok	0.56										
560	ok	1.06										
561	ok	1.06										
562	ok	1.20										
563	ok	1.20										
564	ok	0.53										
565	ok	0.25										
566	ok	0.13										
567	ok	0.21										
568	ok	0.75										
569	ok	2.54										
570	ok	2.54										
571	ok Av	10.43	0.16	0.45	3.9	11.2	53.1	153.8				
572	ok Av	31.51	0.37	1.00	9.2	60.4	126.5	353.2				
573	ok	4.56										
574	ok	2.56										
575	ok	0.99										
576	ok	0.49										
577	ok	2.88										
578	ok Av	11.06	0.25	0.44	6.3	11.1	86.1	151.8				
579	ok Av	11.06	0.24	0.44	6.0	11.1	81.9	151.8				
580	ok Av	20.44	0.41	0.83	10.3	20.8	141.0	286.1				
581	ok Av	8.14	0.13	0.35	3.2	8.7	44.3	119.0				
582	ok	4.59										
583	ok	2.38										
584	ok	1.08										
585	ok	1.35										
586	ok Av	9.80	0.34	0.30	8.4	7.4	115.0	101.2				
1362	ok	2.67										
1363	ok	1.24										
1364	ok	0.64										
1365	ok	0.57										
1366	ok	1.67										
1367	ok	4.31										
1368	ok Av	11.06	0.24	0.48	6.0	12.0	81.9	165.2				
Nodo		Max tau 35.50	Ver V pr 1.00	Ver V sec 1.00	Af V pr 88.04	Af V sec 60.45	V pr 413.86	V sec 353.21				

Parete	H totale	Spessore	H critica	H critica V	L totale	L confinata	Verif. N	Verif. N-M	Fattore V	Diagramma V	Verif. V	Prog. composta
	cm	cm	cm	cm	cm	cm						
6	400.00	20.00	300.00	300.00	472.61	94.52	ok	ok	1.00	NO	ok	SI

Quota	Af conf.	Af std	Af V (ori)	Ver. N	Ver. N/M	Ver. V cls	Ver. V acc	Ver. V acc(7)	Ver. V scor.	N add	M invil	V invil
cm										daN	daN	daN
0.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
41.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
42.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
43.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
44.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
46.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
47.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
48.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
49.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
82.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
84.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
86.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
88.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
92.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
94.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
96.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
98.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
100.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
120.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
123.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
126.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
129.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
132.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
135.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
138.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
141.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
164.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
168.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
176.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
184.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
188.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
192.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
196.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
205.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
210.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
215.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
220.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
225.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
230.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
235.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
240.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
245.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
246.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
250.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
252.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
258.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
264.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
270.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
276.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
280.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
282.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
287.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
288.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
294.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
300.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
301.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
308.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
315.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
320.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
322.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	Ver. N	Ver. N/M	Ver. V cls	Ver. V acc	Ver. V acc(7)	Ver. V scor.
	0.0	0.0	0.0	0.0	0.0	0.0

754

[illegible][illegible]

[illegible]

340.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
343.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
344.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
348.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
350.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
352.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
356.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
360.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
364.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
368.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
372.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
376.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
380.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
384.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
388.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
392.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
396.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
400.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0

Quota V[7.4.16]
0.0

V[7.4.17]
0.0

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+Af	sec-Af	sec+	N z daN/cm	N o daN/cm	N zo daN/cm	M z daN	M o daN	M zo daN
27	ok	0.22	8.90e-02	4.25e-02	10.1	10.1	5.7	5.7	-120.9	-15.7	-15.8	-576.6	-77.3	-19.0
28	ok	0.24	0.9	0.4	15.0	10.1	10.6	5.7	-994.6	-68.4	630.2	8466.2	1720.3	-4717.3
45	ok	0.22	2.55e-02	2.77e-02	10.1	10.1	5.7	5.7	-78.2	-10.7	11.6	50.7	6.9	-3.3
46	ok	0.22	0.3	0.6	10.1	10.1	5.7	5.7	-1188.7	-134.0	-739.2	1975.1	751.7	1729.8
587	ok	0.22	0.2	0.3	10.1	10.1	5.7	5.7	-758.6	-636.8	59.1	437.0	124.5	108.4
588	ok	0.22	0.1	0.1	10.1	10.1	5.7	5.7	95.3	-206.1	-28.5	107.0	-11.1	28.6
589	ok	0.22	7.76e-02	6.80e-02	10.1	10.1	5.7	5.7	-68.0	26.2	161.3	-32.8	-64.7	-50.5
590	ok	0.22	6.28e-02	7.92e-02	10.1	10.1	5.7	5.7	-181.4	277.0	64.4	48.6	30.3	-2.0
591	ok	0.22	0.1	0.2	10.1	10.1	5.7	5.7	-232.0	-196.5	-227.1	45.0	-38.0	-41.7
592	ok	0.22	4.06e-02	4.73e-02	10.1	10.1	5.7	5.7	-128.5	26.8	1.0	29.9	2.6	-10.7
593	ok	0.22	5.02e-02	5.57e-02	10.1	10.1	5.7	5.7	-130.6	-34.3	-58.5	36.6	-16.9	-16.1
594	ok	0.22	3.05e-02	3.42e-02	10.1	10.1	5.7	5.7	-99.2	1.1	-1.8	15.5	0.6	-7.0
595	ok	0.22	3.59e-02	3.94e-02	10.1	10.1	5.7	5.7	-100.9	-11.8	-34.8	21.1	-12.0	-6.0
596	ok	0.22	2.50e-02	2.74e-02	10.1	10.1	5.7	5.7	-79.6	0.7	-1.8	1.5	0.4	-4.0
597	ok	0.22	2.95e-02	3.22e-02	10.1	10.1	5.7	5.7	-88.3	-5.9	-20.3	5.1	-8.3	-1.8
598	ok	0.22	2.21e-02	2.41e-02	10.1	10.1	5.7	5.7	-69.1	0.7	-2.0	-11.0	0.4	-2.1
599	ok	0.22	2.64e-02	2.89e-02	10.1	10.1	5.7	5.7	-82.0	-3.5	-11.8	-9.3	-5.5	0.2
600	ok	0.22	2.07e-02	2.24e-02	10.1	10.1	5.7	5.7	-64.7	4.9	-4.9	15.0	-1.1	2.0
601	ok	0.22	2.63e-02	2.90e-02	10.1	10.1	5.7	5.7	-84.2	-5.7	2.3	12.4	2.1	2.7
602	ok	0.22	2.39e-02	2.62e-02	10.1	10.1	5.7	5.7	-69.4	-14.7	1.5	48.7	10.7	1.7
603	ok	0.22	4.38e-02	3.70e-02	10.1	10.1	5.7	5.7	18.6	-88.8	22.6	74.2	-15.2	-16.9
604	ok	0.22	2.17e-02	1.78e-02	10.1	10.1	5.7	5.7	-3.7	150.5	32.3	88.8	-5.8	6.8
605	ok	0.22	5.52e-02	4.93e-02	10.1	10.1	5.7	5.7	7.9	-100.1	-35.1	52.6	-35.1	-6.4
606	ok	0.22	4.89e-02	4.79e-02	10.1	10.1	5.7	5.7	-55.5	-70.6	-65.8	43.9	-32.3	-5.6
607	ok	0.22	3.54e-02	3.53e-02	10.1	10.1	5.7	5.7	-68.7	-32.9	-42.7	27.7	-24.8	1.7
608	ok	0.22	2.96e-02	3.09e-02	10.1	10.1	5.7	5.7	-76.7	-20.8	-27.6	8.2	-17.8	5.9
609	ok	0.22	2.67e-02	2.89e-02	10.1	10.1	5.7	5.7	-79.3	-14.1	-16.4	-10.0	-11.7	6.4
610	ok	0.22	2.59e-02	2.84e-02	10.1	10.1	5.7	5.7	-78.6	-11.9	-5.5	-23.9	-7.6	3.8
611	ok	0.22	2.49e-02	2.74e-02	10.1	10.1	5.7	5.7	-79.1	-15.5	-4.2	-30.9	-5.9	0.2
612	ok	0.22	2.25e-02	1.13e-02	10.1	10.1	5.7	5.7	9.4	-24.5	12.2	83.5	-26.7	-35.1
613	ok	0.22	2.27e-02	6.92e-03	10.1	10.1	5.7	5.7	-9.6	94.9	3.2	50.0	-12.6	-7.6
614	ok	0.22	2.84e-02	2.22e-02	10.1	10.1	5.7	5.7	3.7	-55.5	-5.8	59.1	-46.6	-13.9
615	ok	0.22	3.37e-02	2.83e-02	10.1	10.1	5.7	5.7	-17.6	-64.0	-23.6	55.0	-44.1	1.7
616	ok	0.22	3.03e-02	2.73e-02	10.1	10.1	5.7	5.7	-42.9	-47.9	-26.6	36.6	-36.7	12.2
617	ok	0.22	2.66e-02	2.61e-02	10.1	10.1	5.7	5.7	-59.6	-32.7	-19.5	11.6	-27.0	17.5
618	ok	0.22	2.49e-02	2.63e-02	10.1	10.1	5.7	5.7	-72.3	-23.8	-11.1	-13.8	-17.7	16.5
619	ok	0.22	2.52e-02	2.74e-02	10.1	10.1	5.7	5.7	-75.6	-18.1	-5.3	-32.5	-10.9	10.2
620	ok	0.22	2.52e-02	2.76e-02	10.1	10.1	5.7	5.7	-79.7	-15.8	-5.0	-40.3	-7.6	1.1
621	ok	0.22	2.92e-02	3.96e-03	10.1	10.1	5.7	5.7	4.5	-9.4	2.6	103.4	-46.5	-63.2
622	ok	0.22	2.97e-02	4.56e-03	10.1	10.1	5.7	5.7	-10.2	67.7	-11.5	33.7	-29.2	-35.6
623	ok	0.22	1.94e-02	1.43e-02	10.1	10.1	5.7	5.7	-1.8	-35.6	2.8	86.1	-66.8	-19.3
624	ok	0.22	2.60e-02	2.02e-02	10.1	10.1	5.7	5.7	-14.5	-51.1	-4.8	77.2	-58.4	8.0
625	ok	0.22	2.53e-02	2.03e-02	10.1	10.1	5.7	5.7	-33.6	-48.2	-9.6	50.4	-47.9	25.6
626	ok	0.22	2.24e-02	2.08e-02	10.1	10.1	5.7	5.7	-51.3	-38.6	-9.6	15.2	-35.7	33.0
627	ok	0.22	2.23e-02	2.37e-02	10.1	10.1	5.7	5.7	-67.1	-29.8	-7.1	-20.9	-24.0	30.4
628	ok	0.22	2.42e-02	2.64e-02	10.1	10.1	5.7	5.7	-73.4	-22.2	-1.7	-48.6	-15.5	19.2
629	ok	0.22	2.51e-02	2.76e-02	10.1	10.1	5.7	5.7	-80.0	-16.0	-2.6	-61.9	-11.7	2.2
630	ok	0.22	3.61e-02	5.03e-03	10.1	10.1	5.7	5.7	3.8	-12.5	-2.5	156.3	-64.5	-101.9
631	ok	0.22	3.56e-02	5.86e-03	10.1	10.1	5.7	5.7	-7.8	33.8	-14.2	34.4	-51.1	-96.0
632	ok	0.22	2.71e-02	1.44e-02	10.1	10.1	5.7	5.7	-6.9	-32.9	7.7	132.4	-85.6	-22.7
633	ok	0.22	2.45e-02	1.98e-02	10.1	10.1	5.7	5.7	-19.8	-46.2	9.7	113.1	-71.0	18.5

634	ok	0.22	2.44e-02	1.99e-02	10.1	10.1	5.7	5.7	-36.9	-45.6	7.0	71.1	-56.9	42.8
635	ok	0.22	2.17e-02	2.05e-02	10.1	10.1	5.7	5.7	-53.3	-38.5	3.7	20.0	-42.9	52.1
636	ok	0.22	2.23e-02	2.41e-02	10.1	10.1	5.7	5.7	-69.2	-30.9	1.5	-31.9	-30.5	47.6
637	ok	0.22	2.48e-02	2.72e-02	10.1	10.1	5.7	5.7	-75.6	-23.5	3.5	-74.0	-21.9	30.5
638	ok	0.22	2.59e-02	2.86e-02	10.1	10.1	5.7	5.7	-82.6	-16.6	1.2	-98.9	-19.0	3.6
639	ok	0.22	5.65e-02	1.18e-02	10.1	10.1	5.7	5.7	5.5	-30.0	-2.9	254.0	-80.8	-148.7
640	ok	0.22	4.36e-02	8.75e-03	10.1	10.1	5.7	5.7	-2.8	30.1	-25.6	123.1	-68.0	-145.5
641	ok	0.22	3.92e-02	2.00e-02	10.1	10.1	5.7	5.7	-13.0	-42.2	16.5	205.8	-100.3	-23.4
642	ok	0.22	3.07e-02	2.55e-02	10.1	10.1	5.7	5.7	-31.6	-46.7	24.5	163.9	-77.4	34.3
643	ok	0.22	2.84e-02	2.62e-02	10.1	10.1	5.7	5.7	-49.6	-41.7	21.9	98.4	-60.4	64.2
644	ok	0.22	2.65e-02	2.65e-02	10.1	10.1	5.7	5.7	-64.3	-34.1	15.5	25.8	-47.1	74.0
645	ok	0.22	2.62e-02	2.80e-02	10.1	10.1	5.7	5.7	-78.1	-27.6	9.2	-46.9	-36.8	67.1
646	ok	0.22	2.74e-02	3.00e-02	10.1	10.1	5.7	5.7	-83.0	-22.0	5.4	-109.9	-30.3	43.7
647	ok	0.22	2.78e-02	3.08e-02	10.1	10.1	5.7	5.7	-88.4	-17.7	4.5	-154.2	-29.9	5.3
648	ok	0.22	8.60e-02	2.91e-02	10.1	10.1	5.7	5.7	7.1	-73.8	6.3	389.7	-108.6	-207.5
649	ok	0.22	7.45e-02	1.40e-02	10.1	10.1	5.7	5.7	5.1	20.3	-41.4	266.7	-99.9	-209.7
650	ok	0.22	5.63e-02	3.22e-02	10.1	10.1	5.7	5.7	-27.5	-62.0	36.4	317.1	-110.7	-13.5
651	ok	0.22	4.21e-02	3.54e-02	10.1	10.1	5.7	5.7	-55.9	-47.8	43.2	228.9	-71.6	58.7
652	ok	0.22	3.41e-02	3.45e-02	10.1	10.1	5.7	5.7	-72.6	-34.7	34.9	129.7	-54.1	88.5
653	ok	0.22	3.14e-02	3.33e-02	10.1	10.1	5.7	5.7	-82.5	-25.6	23.9	32.0	-45.8	96.1
654	ok	0.22	3.03e-02	3.31e-02	10.1	10.1	5.7	5.7	-92.1	-20.7	14.0	-64.6	-42.4	87.1
655	ok	0.22	3.17e-02	3.37e-02	10.1	10.1	5.7	5.7	-93.4	-18.1	7.5	-155.9	-41.3	58.4
656	ok	0.22	3.81e-02	3.35e-02	10.1	10.1	5.7	5.7	-96.0	-19.0	5.4	-230.7	-45.2	7.5
657	ok	0.22	0.1	8.19e-02	10.1	10.1	5.7	5.7	-5.0	-135.4	60.0	638.6	-318.6	-247.6
658	ok	0.22	0.1	2.38e-02	10.1	10.1	5.7	5.7	11.1	-3.8	-57.7	363.0	-211.0	-298.2
659	ok	0.22	7.96e-02	6.04e-02	10.1	10.1	5.7	5.7	-80.8	-86.6	80.5	477.6	-82.5	29.7
660	ok	0.22	5.56e-02	5.08e-02	10.1	10.1	5.7	5.7	-104.9	-40.4	62.4	299.5	-43.2	91.6
661	ok	0.22	4.00e-02	4.37e-02	10.1	10.1	5.7	5.7	-107.5	-22.3	39.9	159.9	-35.8	113.3
662	ok	0.22	3.61e-02	3.99e-02	10.1	10.1	5.7	5.7	-107.2	-14.7	25.6	37.9	-37.0	116.0
663	ok	0.22	3.39e-02	3.80e-02	10.1	10.1	5.7	5.7	-107.5	-11.3	14.1	-81.7	-45.0	104.5
664	ok	0.22	4.15e-02	3.72e-02	10.1	10.1	5.7	5.7	-107.7	-13.0	4.4	-212.5	-55.0	72.8
665	ok	0.22	5.35e-02	3.56e-02	10.1	10.1	5.7	5.7	-103.0	-20.0	2.8	-332.7	-66.0	11.0
666	ok	0.22	0.2	0.2	10.1	10.1	5.7	5.7	-119.1	-38.1	417.9	1505.7	-118.9	-631.0
667	ok	0.22	0.9	6.51e-02	10.1	10.1	8.4	5.7	-132.8	-142.3	37.6	888.0	-803.2	-612.6
668	ok	0.22	0.1	0.1	10.1	10.1	5.7	5.7	-282.9	-117.7	156.7	657.8	78.1	11.0
669	ok	0.22	6.84e-02	6.55e-02	10.1	10.1	5.7	5.7	-168.4	-10.7	49.4	358.8	-8.2	142.7
670	ok	0.22	4.85e-02	5.11e-02	10.1	10.1	5.7	5.7	-141.4	-6.1	28.6	184.8	-11.0	153.9
671	ok	0.22	3.87e-02	4.42e-02	10.1	10.1	5.7	5.7	-125.0	-3.9	17.1	41.0	-18.4	150.1
672	ok	0.22	3.80e-02	4.06e-02	10.1	10.1	5.7	5.7	-113.4	-2.2	9.5	-100.4	-30.9	131.8
673	ok	0.22	5.04e-02	4.15e-02	10.1	10.1	5.7	5.7	-111.6	-2.9	2.9	-259.9	-54.5	93.9
674	ok	0.22	7.70e-02	3.70e-02	10.1	10.1	5.7	5.7	-101.1	-20.9	-2.0	-482.6	-107.0	26.8
675	ok	0.22	0.6	0.3	10.1	10.1	5.7	5.7	-653.2	-291.4	-439.2	-1279.4	-823.5	1742.7
676	ok	0.22	9.43e-02	0.1	10.1	10.1	5.7	5.7	-232.1	167.7	-63.5	643.1	-133.1	139.8
677	ok	0.22	6.36e-02	7.02e-02	10.1	10.1	5.7	5.7	-192.2	21.0	-2.6	395.1	-11.1	99.5
678	ok	0.22	4.53e-02	5.36e-02	10.1	10.1	5.7	5.7	-155.6	0.2	2.7	201.2	2.0	103.1
679	ok	0.22	3.86e-02	4.45e-02	10.1	10.1	5.7	5.7	-129.2	0.3	2.2	44.5	1.3	99.1
680	ok	0.22	3.45e-02	3.92e-02	10.1	10.1	5.7	5.7	-113.8	0.7	2.3	-107.2	3.4	88.7
681	ok	0.22	4.92e-02	3.56e-02	10.1	10.1	5.7	5.7	-101.9	8.2	7.9	-283.4	28.5	70.7
984	ok	0.22	0.4	0.0	10.1	10.1	5.7	5.7	269.1	184.4	13.9	-1052.6	-242.7	-496.4
985	ok	0.22	2.89e-02	2.04e-03	10.1	10.1	5.7	5.7	34.1	155.2	70.0	6.5	-7.4	-9.7
986	ok	0.22	1.87e-02	3.32e-03	10.1	10.1	5.7	5.7	-1.2	88.8	18.9	76.0	-1.8	2.7
987	ok	0.22	2.35e-02	2.82e-03	10.1	10.1	5.7	5.7	-5.1	60.9	-0.4	38.2	-17.5	-22.6
988	ok	0.22	2.95e-02	3.28e-03	10.1	10.1	5.7	5.7	-4.8	44.2	-15.2	11.4	-26.9	-68.3
989	ok	0.22	3.33e-02	5.06e-03	10.1	10.1	5.7	5.7	-2.5	35.7	-19.9	98.3	-23.2	-91.6
990	ok	0.22	6.03e-02	8.66e-03	10.1	10.1	5.7	5.7	3.8	20.5	-35.0	188.0	-5.5	-159.1
991	ok	0.22	0.1	1.69e-02	10.1	10.1	5.7	5.7	13.2	7.0	-49.3	350.1	3.0	-181.9
992	ok	0.22	0.2	3.79e-02	10.1	10.1	5.7	5.7	62.8	-44.5	-95.4	585.3	190.4	-352.5
993	ok	0.22	0.4	0.3	10.1	10.1	5.7	5.7	-314.5	-128.5	359.8	1956.4	1674.1	-704.7

Nodo	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
	0.24	0.89	0.56	14.96	10.05	10.56	5.65	-1188.67 269.12	-636.81 277.04	-739.21 630.17	-1279.42 8466.17	-823.45 1720.28	-4717.34 1742.72

Nodo	Stato	Max tau daN/cm2	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr daN/cm	V sec daN/cm
27	ok	0.37						
28	ok Av	5.64	0.02	0.26	0.6	6.4	7.6	87.7
45	ok	0.05						
46	ok Av	9.21	0.41	0.08	10.3	2.0	141.3	27.4
587	ok	3.27						
588	ok	0.45						
589	ok	0.89						
590	ok	0.10						
591	ok	0.10						
592	ok	0.04						

593	ok	0.04							
594	ok	0.03							
595	ok	0.03							
596	ok	0.03							
597	ok	0.03							
598	ok	0.03							
599	ok	0.03							
600	ok	0.05							
601	ok	0.05							
602	ok	0.05							
603	ok	0.13							
604	ok	0.12							
605	ok	0.07							
606	ok	0.04							
607	ok	0.03							
608	ok	0.03							
609	ok	0.03							
610	ok	0.04							
611	ok	0.04							
612	ok	0.23							
613	ok	0.20							
614	ok	0.04							
615	ok	0.04							
616	ok	0.03							
617	ok	0.04							
618	ok	0.04							
619	ok	0.04							
620	ok	0.04							
621	ok	0.56							
622	ok	0.36							
623	ok	0.06							
624	ok	0.04							
625	ok	0.05							
626	ok	0.05							
627	ok	0.05							
628	ok	0.05							
629	ok	0.05							
630	ok	1.00							
631	ok	0.57							
632	ok	0.09							
633	ok	0.06							
634	ok	0.07							
635	ok	0.07							
636	ok	0.07							
637	ok	0.08							
638	ok	0.08							
639	ok	1.50							
640	ok	0.81							
641	ok	0.14							
642	ok	0.11							
643	ok	0.10							
644	ok	0.10							
645	ok	0.10							
646	ok	0.12							
647	ok	0.12							
648	ok	2.03							
649	ok	1.19							
650	ok	0.23							
651	ok	0.17							
652	ok	0.14							
653	ok	0.13							
654	ok	0.14							
655	ok	0.17							
656	ok	0.17							
657	ok	2.86							
658	ok	2.72							
659	ok	0.41							
660	ok	0.25							
661	ok	0.18							
662	ok	0.16							
663	ok	0.19							
664	ok	0.25							
665	ok	0.25							
666	ok Av	5.64	0.02	0.26	0.6	6.4	7.6	87.7	
667	ok Av	12.61	0.49	0.30	12.2	7.4	168.1	102.1	
668	ok	0.72							
669	ok	0.30							

670	ok	0.18										
671	ok	0.16										
672	ok	0.19										
673	ok	0.37										
674	ok	0.37										
675	ok Av	5.64	0.02	0.26	0.6	6.4	7.6	87.7				
676	ok	0.72										
677	ok	0.30										
678	ok	0.18										
679	ok	0.14										
680	ok	0.19										
681	ok	0.37										
984	ok Av	7.86	0.36	0.01	8.9	0.3	122.6	4.5				
985	ok	0.42										
986	ok	0.18										
987	ok	0.33										
988	ok	0.69										
989	ok	1.18										
990	ok	1.81										
991	ok	2.76										
992	ok	4.71										
993	ok Av	7.23	0.15	0.29	3.8	7.3	51.9	100.1				
Nodo		Max tau 12.61	Ver V pr 0.49	Ver V sec 0.30	Af V pr 12.24	Af V sec 7.44	V pr 168.11	V sec 102.12				

Parete	H totale	Spessore	H critica	H critica V	L totale	L confinata	Verif. N	Verif. N-M	Fattore V	Diagramma V	Verif. V	Prog. composta
	cm	cm	cm	cm	cm	cm						
7	380.00	20.00	189.97	189.97	189.97	37.99	ok	ok	1.00	NO	ok	SI

Quota	Af conf.	Af std	Af V (ori)	Ver. N	Ver. N/M	Ver. V cls	Ver. V acc	Ver. V acc(7)	Ver. V scorr.	N add	M invil	V invil
cm										daN	daN	daN
0.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
190.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
228.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
266.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
304.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
314.7	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
342.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
380.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	Ver. N	Ver. N/M	Ver. V cls	Ver. V acc	Ver. V acc(7)	Ver. V scorr.
	0.0	0.0	0.0	0.0	0.0	0.0

Quota	N v.N	N v.M/N	M v.M/N	N v.Vcls	V v.Vcls	N v.Vacc	M v. Vacc	V v.Vacc	N v.Vscor	M v.Vscor	V v.Vscor
cm	daN	daN	daN cm	daN	daN	daN	daN cm	daN	daN	daN cm	daN
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
76.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
190.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
228.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
266.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
304.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
314.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
342.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
380.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	Ctg Vcls	Vrsd Vcls	Vrcd Vcls	Ctg Vac	Vrsd Vac	Vrcd Vac	Vdd	Vid	[A s.i.	Incli.	Dist.]	Vfd
cm		daN	daN		daN	daN	daN	daN	cm2	gradi	cm	daN
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
38.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

76.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
114.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
152.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
190.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
228.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
266.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
304.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
314.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
342.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
380.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	V[7.4.16]	N	M	V	alfaS	VRd,c	VRd,s	V[7.4.17]	roH	roV	roN
cm		daN	daN cm	daN		daN	daN				
0.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
38.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
76.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
114.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
152.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
190.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
228.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
266.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
304.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
314.7	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
342.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
380.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0

Quota	V[7.4.16]	V[7.4.17]
0.0	0.0	0.0

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
									daN/cm	daN/cm	daN/cm	daN	daN	daN
12	ok	0.22	6.14e-02	7.60e-02	10.1	10.1	5.7	5.7	-213.2	-29.1	35.7	-332.6	-45.2	32.9
13	ok	0.22	0.1	0.3	10.1	10.1	5.7	5.7	-700.0	48.1	-153.7	-725.6	-88.4	-141.7
14	ok	0.22	7.93e-02	0.1	10.1	10.1	5.7	5.7	-300.1	-40.2	-41.7	-340.5	-46.3	-32.8
15	ok	0.22	0.1	0.2	10.1	10.1	5.7	5.7	-537.7	-52.8	136.9	-190.6	-75.3	234.2
31	ok	0.27	0.8	0.4	16.2	10.1	9.0	5.7	-887.0	33.9	383.1	3231.8	1701.4	-2091.8
471	ok	0.22	0.3	3.93e-02	10.1	10.1	5.7	5.7	155.3	100.7	68.9	-1191.4	21.5	-235.0
472	ok	0.22	4.10e-02	4.77e-02	10.1	10.1	5.7	5.7	-135.2	1.5	-0.6	94.9	0.1	-22.8
473	ok	0.22	5.75e-02	1.62e-02	10.1	10.1	5.7	5.7	177.9	173.4	85.5	-268.0	89.8	-0.6
474	ok	0.22	0.2	0.4	10.1	10.1	5.7	5.7	-837.1	-332.8	187.9	1700.1	458.4	-525.4
475	ok	0.22	4.64e-02	9.75e-04	10.1	10.1	5.7	5.7	8.1	154.9	-24.4	-261.9	52.0	-44.8
476	ok	0.22	0.1	0.1	10.1	10.1	5.7	5.7	-422.3	-16.7	42.6	554.1	35.2	-51.4
477	ok	0.22	4.25e-02	4.98e-02	10.1	10.1	5.7	5.7	-144.6	-4.66e-02	-1.4	-21.6	0.3	-19.8
478	ok	0.22	7.56e-02	0.1	10.1	10.1	5.7	5.7	-292.3	1.2	7.4	350.8	4.9	7.0
479	ok	0.22	4.37e-02	5.14e-02	10.1	10.1	5.7	5.7	-149.2	1.1	-2.3	-138.1	1.6	-14.3
480	ok	0.22	6.90e-02	8.95e-02	10.1	10.1	5.7	5.7	-259.8	1.1	2.0	217.4	1.1	20.0
481	ok	0.22	4.61e-02	5.48e-02	10.1	10.1	5.7	5.7	-155.1	12.8	-7.5	-255.6	15.6	-5.0
482	ok	0.22	6.77e-02	8.74e-02	10.1	10.1	5.7	5.7	-253.8	0.2	1.3	96.8	0.4	22.8
483	ok	0.22	0.1	0.2	10.1	10.1	5.7	5.7	-359.7	-153.9	2.6	-187.0	17.6	52.9
484	ok	0.22	6.75e-02	8.70e-02	10.1	10.1	5.7	5.7	-252.5	1.24e-02	1.8	-21.3	0.4	21.0
485	ok	0.22	4.90e-02	5.41e-02	10.1	10.1	5.7	5.7	-156.5	-10.1	-7.9	333.1	1.5	-21.8
486	ok	0.22	6.69e-02	8.60e-02	10.1	10.1	5.7	5.7	-249.6	1.5	3.0	-139.1	1.6	15.8
487	ok	0.22	6.27e-02	0.0	10.1	10.1	5.7	5.7	18.2	166.8	-23.1	-302.5	15.2	-98.7
488	ok	0.22	6.71e-02	8.64e-02	10.1	10.1	5.7	5.7	-245.1	18.2	11.2	-258.5	15.9	6.4
489	ok	0.22	0.1	0.1	10.1	10.1	5.7	5.7	-289.0	-172.2	103.2	292.3	-110.1	-214.1
490	ok	0.22	0.4	0.2	10.1	10.1	5.7	5.7	-428.9	19.8	-207.8	1585.9	237.2	681.3
491	ok	0.22	4.03e-02	4.68e-02	10.1	10.1	5.7	5.7	-135.9	-4.16e-02	-1.0	211.6	0.2	-23.9
682	ok	0.22	0.8	0.2	10.1	10.1	5.7	5.7	347.2	82.9	-34.2	-1981.3	-757.8	1016.1
683	ok	0.22	8.88e-02	8.58e-02	10.1	10.1	5.7	5.7	-99.0	-185.9	72.3	432.6	71.8	-130.0
684	ok	0.22	0.1	0.1	10.1	10.1	5.7	5.7	-265.6	-195.7	176.9	560.0	110.4	-68.4
685	ok	0.22	7.04e-02	9.03e-02	10.1	10.1	5.7	5.7	-250.3	-40.9	47.7	329.7	33.6	7.2
686	ok	0.22	6.54e-02	8.35e-02	10.1	10.1	5.7	5.7	-241.6	-10.8	13.9	211.9	9.4	18.3
687	ok	0.22	6.45e-02	8.22e-02	10.1	10.1	5.7	5.7	-236.1	-1.7	3.4	96.8	-2.1	20.2
688	ok	0.22	6.45e-02	8.21e-02	10.1	10.1	5.7	5.7	-238.4	6.26e-02	5.3	-16.9	-11.5	12.2
689	ok	0.22	6.50e-02	8.30e-02	10.1	10.1	5.7	5.7	-237.9	-1.0	0.6	-131.9	-22.5	10.2
690	ok	0.22	6.82e-02	8.81e-02	10.1	10.1	5.7	5.7	-254.3	-17.5	-17.1	-241.8	-48.0	-4.4
691	ok	0.22	6.29e-02	7.96e-02	10.1	10.1	5.7	5.7	-210.4	-47.3	-8.1	-374.7	-80.3	6.7
692	ok	0.22	3.16e-02	2.17e-02	10.1	10.1	5.7	5.7	-62.7	-44.2	1.7	-95.4	37.3	44.7
693	ok	0.22	7.21e-02	5.50e-02	10.1	10.1	5.7	5.7	-16.9	-27.6	-70.2	385.5	163.2	-35.8
694	ok	0.22	6.26e-02	5.44e-02	10.1	10.1	5.7	5.7	-109.2	-91.1	-19.3	410.7	37.9	20.5
695	ok	0.22	4.86e-02	5.82e-02	10.1	10.1	5.7	5.7	-168.9	-68.2	-1.8	321.4	9.5	9.6
696	ok	0.22	5.59e-02	6.89e-02	10.1	10.1	5.7	5.7	-197.8	-25.6	4.2	209.8	1.9	3.4
697	ok	0.22	5.85e-02	7.29e-02	10.1	10.1	5.7	5.7	-209.5	-5.3	3.0	97.8	-6.6	2.5
698	ok	0.22	5.95e-02	7.43e-02	10.1	10.1	5.7	5.7	-215.6	-0.9	5.8	-14.7	-17.6	1.7

699	ok	0.22	5.98e-02	7.48e-02	10.1	10.1	5.7	5.7	-214.5	-4.4	2.4	-128.0	-32.8	1.7
700	ok	0.22	5.93e-02	7.40e-02	10.1	10.1	5.7	5.7	-214.8	-19.9	1.0	-245.9	-52.7	1.3
701	ok	0.22	5.68e-02	7.02e-02	10.1	10.1	5.7	5.7	-203.6	-40.7	6.8	-364.8	-73.1	0.4
702	ok	0.22	9.70e-02	0.1	10.1	10.1	5.7	5.7	69.6	33.3	-211.5	-345.8	4.7	112.9
703	ok	0.22	0.1	9.46e-02	10.1	10.1	5.7	5.7	-246.9	-148.7	-50.9	954.5	152.8	-99.2
704	ok	0.22	0.1	8.65e-02	10.1	10.1	5.7	5.7	-128.3	-88.8	-127.8	663.1	77.2	151.4
705	ok	0.22	6.95e-02	8.45e-02	10.1	10.1	5.7	5.7	-210.8	-71.8	-71.5	325.8	18.0	-12.5
706	ok	0.22	5.19e-02	6.30e-02	10.1	10.1	5.7	5.7	-182.7	-8.7	-6.2	211.0	-0.2	-19.2
707	ok	0.22	5.16e-02	6.25e-02	10.1	10.1	5.7	5.7	-178.9	-1.8	3.5	96.7	-5.3	-18.4
708	ok	0.22	5.23e-02	6.35e-02	10.1	10.1	5.7	5.7	-184.0	1.65e-02	4.6	-17.5	-11.7	-14.3
709	ok	0.22	5.36e-02	6.54e-02	10.1	10.1	5.7	5.7	-186.7	-1.4	6.4	-131.1	-22.5	-7.3
710	ok	0.22	5.73e-02	7.07e-02	10.1	10.1	5.7	5.7	-202.2	-17.1	22.1	-239.7	-47.3	6.4
711	ok	0.22	5.37e-02	6.48e-02	10.1	10.1	5.7	5.7	-166.1	-38.0	16.9	-370.3	-79.2	-6.1

Nodo	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
	0.27	0.79	0.37	16.21	10.05	9.01	5.65	-887.03	-332.77	-211.50	-1981.35	-757.79	-2091.79
								347.16	173.38	383.10	3231.82	1701.40	1016.06

Nodo	Stato	Max tau daN/cm2	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr daN/cm	V sec daN/cm
12	ok	0.23						
13	ok	0.58						
14	ok	0.24						
15	ok	0.38						
31	ok	4.45						
471	ok	4.11						
472	ok	0.16						
473	ok	0.52						
474	ok	2.69						
475	ok	0.52						
476	ok	0.84						
477	ok	0.16						
478	ok	0.30						
479	ok	0.17						
480	ok	0.19						
481	ok	0.23						
482	ok	0.17						
483	ok	1.15						
484	ok	0.17						
485	ok	0.19						
486	ok	0.18						
487	ok	0.58						
488	ok	0.24						
489	ok	0.73						
490	ok	1.15						
491	ok	0.17						
682	ok Av	10.83	0.46	0.17	11.5	4.4	157.9	60.0
683	ok	2.69						
684	ok	0.84						
685	ok	0.30						
686	ok	0.19						
687	ok	0.17						
688	ok	0.18						
689	ok	0.19						
690	ok	0.24						
691	ok	0.24						
692	ok	0.52						
693	ok	0.47						
694	ok	0.18						
695	ok	0.17						
696	ok	0.17						
697	ok	0.17						
698	ok	0.18						
699	ok	0.19						
700	ok	0.21						
701	ok	0.21						
702	ok	1.15						
703	ok	1.15						
704	ok	0.73						
705	ok	0.19						
706	ok	0.17						
707	ok	0.17						
708	ok	0.18						
709	ok	0.19						
710	ok	0.23						

711

ok

0.23

Nodo

Max tau
10.83Ver V pr
0.46Ver V sec
0.17Af V pr
11.50Af V sec
4.37V pr
157.93V sec
60.01

Parete	H totale	Spessore	H critica	H critica V	L totale	L confinata	Verif. N	Verif. N-M	Fattore V	Diagramma V	Verif. V	Prog. composta
	cm	cm	cm	cm	cm	cm						
8	325.00	20.00	300.00	300.00	599.57	119.91	ok	ok	1.00	NO	ok	SI

Quota	Af conf.	Af std	Af V (ori)	Ver. N	Ver. N/M	Ver. V cls	Ver. V acc	Ver. V acc(7)	Ver. V scor.	N add	M invil	V invil
cm										daN	daN	daN
0.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.6	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.2	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121.9	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
203.1	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
243.8	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
284.4	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
325.0	0d0	16/20	12/20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	Ver. N	Ver. N/M	Ver. V cls	Ver. V acc	Ver. V acc(7)	Ver. V scor.
	0.0	0.0	0.0	0.0	0.0	0.0

Quota	N v.N	N v.M/N	M v.M/N	N v.Vcls	V v.Vcls	N v.Vacc	M v. Vacc	V v.Vacc	N v.Vscor	M v.Vscor	V v.Vscor
cm	daN	daN	daN cm	daN	daN	daN	daN cm	daN	daN	daN cm	daN
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
203.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
243.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
284.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
325.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	Ctg Vcls	Vrsd Vcls	Vrcd Vcls	Ctg Vac	Vrsd Vac	Vrcd Vac	Vdd	Vid	[A s.i.	Incli.	Dist.]	Vfd
cm		daN	daN		daN	daN	daN	daN	cm2	gradi	cm	daN
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
81.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
121.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
203.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
243.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
284.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
325.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Quota	V[7.4.16]	N	M	V	alfaS	VRd,c	VRd,s	V[7.4.17]	roH	roV	roN
cm		daN	daN cm	daN		daN	daN				
0.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
40.6	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
81.2	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
121.9	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
162.5	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
203.1	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
243.8	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
284.4	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0
325.0	0.0	0.0	0.0	0.0	2.00	0.0	0.0	0.0	5.65e-03	0.01	0.0

Quota	V[7.4.16]	V[7.4.17]
0.0	0.0	0.0

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
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									daN/cm	daN/cm	daN/cm	daN	daN	daN
35	ok	0.22	1.41e-02	1.46e-02	10.1	10.1	5.7	5.7	-39.6	-7.1	9.2	-12.2	-5.9	-2.40e-02
36	ok	0.22	0.4	0.1	10.1	10.1	5.7	5.7	-269.0	-13.3	-143.6	2479.4	-326.1	821.7
65	ok	0.22	1.98e-02	2.10e-02	10.1	10.1	5.7	5.7	-51.5	-11.9	-8.9	-101.3	-21.2	2.8
66	ok	0.22	0.5	1.74e-02	10.1	10.1	5.7	5.7	-46.4	48.0	19.3	-3095.4	-434.0	-13.8
70	ok	0.22	0.1	4.69e-02	10.1	10.1	5.7	5.7	-109.7	16.7	59.3	-539.7	133.0	-339.3
73	ok	0.22	2.20e-02	2.36e-02	10.1	10.1	5.7	5.7	-65.5	2.1	13.7	24.4	36.3	-5.9
75	ok	0.22	1.89e-02	1.80e-02	10.1	10.1	5.7	5.7	-46.0	3.3	13.0	18.4	62.2	8.4
77	ok	0.22	1.77e-02	1.47e-02	10.1	10.1	5.7	5.7	-37.0	2.0	10.8	12.3	60.1	11.8
79	ok	0.22	1.26e-02	1.27e-02	10.1	10.1	5.7	5.7	-31.8	1.0	8.8	3.4	40.7	15.2
81	ok	0.22	1.13e-02	1.16e-02	10.1	10.1	5.7	5.7	-29.5	-0.1	6.9	-6.7	13.3	14.7
83	ok	0.22	1.07e-02	1.12e-02	10.1	10.1	5.7	5.7	-32.0	-1.0	3.5	-21.1	-14.9	7.8
712	ok	0.22	0.2	2.45e-02	10.1	10.1	5.7	5.7	14.8	-25.0	-11.2	1214.3	110.9	-163.3
713	ok	0.22	9.99e-02	3.76e-02	10.1	10.1	5.7	5.7	-9.7	10.1	6.1	-341.1	-316.8	98.0
714	ok	0.22	0.2	4.35e-02	10.1	10.1	5.7	5.7	-95.4	-11.0	-37.6	581.2	200.6	-341.8
715	ok	0.22	2.42e-02	1.64e-02	10.1	10.1	5.7	5.7	-21.5	1.2	-21.7	30.6	-63.8	64.4
716	ok	0.22	3.05e-02	1.63e-02	10.1	10.1	5.7	5.7	-29.7	44.0	-11.3	32.4	-97.3	22.3
717	ok	0.22	1.33e-02	1.16e-02	10.1	10.1	5.7	5.7	-30.7	1.7	-10.0	-1.8	-22.6	44.0
718	ok	0.22	1.36e-02	1.41e-02	10.1	10.1	5.7	5.7	-34.3	12.2	-11.5	3.1	-37.1	20.2
719	ok	0.22	1.30e-02	1.36e-02	10.1	10.1	5.7	5.7	-38.7	0.6	-5.4	-21.8	-11.8	33.7
720	ok	0.22	1.39e-02	1.45e-02	10.1	10.1	5.7	5.7	-40.5	3.0	-7.9	-19.0	-21.8	20.6
721	ok	0.22	1.49e-02	1.57e-02	10.1	10.1	5.7	5.7	-45.3	-0.1	-4.0	-37.9	-8.2	26.4
722	ok	0.22	1.50e-02	1.58e-02	10.1	10.1	5.7	5.7	-41.9	0.8	-4.3	-34.7	-15.5	18.7
723	ok	0.22	1.69e-02	1.80e-02	10.1	10.1	5.7	5.7	-49.1	-0.2	-4.5	-54.2	-7.8	19.6
724	ok	0.22	1.65e-02	1.75e-02	10.1	10.1	5.7	5.7	-49.5	-2.2	-7.3	-49.5	-13.9	14.8
725	ok	0.22	2.13e-02	2.27e-02	10.1	10.1	5.7	5.7	-56.1	-1.6	-7.1	-73.2	-10.5	11.6
726	ok	0.22	1.79e-02	1.89e-02	10.1	10.1	5.7	5.7	-52.6	-6.6	-9.9	-66.8	-15.2	9.9
727	ok	0.22	1.75e-02	1.84e-02	10.1	10.1	5.7	5.7	-50.8	-10.4	-6.5	-85.4	-17.1	2.1
728	ok	0.22	2.29e-02	2.46e-02	10.1	10.1	5.7	5.7	-65.2	6.1	20.6	-66.0	-27.8	5.0
729	ok	0.22	3.01e-02	2.92e-02	10.1	10.1	5.7	5.7	-7.2	16.3	-31.5	53.7	1.6	-30.9
730	ok	0.22	1.47e-02	1.55e-02	10.1	10.1	5.7	5.7	-42.5	18.3	-6.6	-14.9	-49.2	-8.9
731	ok	0.22	1.41e-02	1.48e-02	10.1	10.1	5.7	5.7	-38.2	11.1	-9.2	-8.4	-33.5	7.3
732	ok	0.22	1.42e-02	1.49e-02	10.1	10.1	5.7	5.7	-38.9	5.2	-8.1	-19.7	-23.0	13.1
733	ok	0.22	1.49e-02	1.56e-02	10.1	10.1	5.7	5.7	-41.2	1.1	-7.4	-33.4	-17.7	14.1
734	ok	0.22	1.59e-02	1.67e-02	10.1	10.1	5.7	5.7	-46.9	-3.0	-7.7	-46.5	-15.2	11.9
735	ok	0.22	1.68e-02	1.76e-02	10.1	10.1	5.7	5.7	-49.0	-6.9	-9.1	-60.7	-14.2	7.8
736	ok	0.22	1.64e-02	1.72e-02	10.1	10.1	5.7	5.7	-48.1	-9.7	-7.8	-72.3	-14.3	1.3
737	ok	0.22	1.59e-02	1.63e-02	10.1	10.1	5.7	5.7	-40.0	13.3	6.0	-16.0	-7.5	-6.9
738	ok	0.22	2.23e-02	2.16e-02	10.1	10.1	5.7	5.7	-30.6	4.1	43.3	-2.4	2.9	1.1
739	ok	0.22	1.37e-02	1.45e-02	10.1	10.1	5.7	5.7	-39.9	14.6	-1.2	-18.5	-16.5	-5.1
740	ok	0.22	1.37e-02	1.44e-02	10.1	10.1	5.7	5.7	-38.3	10.0	-5.7	-16.4	-20.7	2.3
741	ok	0.22	1.40e-02	1.47e-02	10.1	10.1	5.7	5.7	-38.8	5.3	-6.8	-22.9	-18.8	8.0
742	ok	0.22	1.46e-02	1.53e-02	10.1	10.1	5.7	5.7	-43.1	0.5	-7.0	-33.4	-16.2	10.0
743	ok	0.22	1.53e-02	1.60e-02	10.1	10.1	5.7	5.7	-42.3	-2.7	-4.9	-45.0	-14.3	9.3
744	ok	0.22	1.60e-02	1.68e-02	10.1	10.1	5.7	5.7	-44.2	-6.3	-7.0	-55.0	-12.8	5.8
745	ok	0.22	1.56e-02	1.63e-02	10.1	10.1	5.7	5.7	-46.0	-9.3	-7.0	-63.2	-12.5	0.8
746	ok	0.22	1.81e-02	1.82e-02	10.1	10.1	5.7	5.7	-41.5	3.4	-23.9	-12.8	15.2	-5.3
747	ok	0.22	2.77e-02	2.66e-02	10.1	10.1	5.7	5.7	-32.3	-8.8	-51.9	2.2	6.0	-1.6
748	ok	0.22	1.25e-02	1.31e-02	10.1	10.1	5.7	5.7	-35.1	13.8	1.2	-18.3	-3.5	1.5
749	ok	0.22	1.29e-02	1.36e-02	10.1	10.1	5.7	5.7	-36.4	8.9	-3.8	-20.0	-10.9	3.7
750	ok	0.22	1.35e-02	1.42e-02	10.1	10.1	5.7	5.7	-37.7	4.7	-5.5	-25.0	-13.3	6.4
751	ok	0.22	1.41e-02	1.48e-02	10.1	10.1	5.7	5.7	-41.9	0.2	-6.2	-33.2	-13.2	7.6
752	ok	0.22	1.47e-02	1.54e-02	10.1	10.1	5.7	5.7	-43.6	-3.4	-6.6	-42.9	-12.4	6.8
753	ok	0.22	1.55e-02	1.62e-02	10.1	10.1	5.7	5.7	-42.7	-6.2	-4.5	-52.2	-11.7	4.3
754	ok	0.22	1.50e-02	1.57e-02	10.1	10.1	5.7	5.7	-44.4	-8.9	-6.3	-59.1	-11.7	0.5
755	ok	0.22	1.22e-02	1.24e-02	10.1	10.1	5.7	5.7	-24.3	47.3	30.0	-24.1	15.3	16.8
756	ok	0.22	3.64e-02	3.59e-02	10.1	10.1	5.7	5.7	-22.6	87.1	15.7	-11.9	81.3	30.8
757	ok	0.22	1.09e-02	1.14e-02	10.1	10.1	5.7	5.7	-30.0	8.3	-0.3	-18.2	1.6	9.0
758	ok	0.22	1.21e-02	1.27e-02	10.1	10.1	5.7	5.7	-33.8	7.0	-1.5	-20.4	-5.2	6.9
759	ok	0.22	1.29e-02	1.36e-02	10.1	10.1	5.7	5.7	-38.8	3.2	-2.5	-25.2	-9.0	6.9
760	ok	0.22	1.36e-02	1.43e-02	10.1	10.1	5.7	5.7	-40.8	-0.2	-3.1	-32.4	-10.4	6.5
761	ok	0.22	1.43e-02	1.50e-02	10.1	10.1	5.7	5.7	-42.6	-3.5	-3.3	-40.7	-10.6	5.2
762	ok	0.22	1.50e-02	1.57e-02	10.1	10.1	5.7	5.7	-41.7	-6.1	-3.7	-48.7	-10.6	3.0
763	ok	0.22	1.46e-02	1.53e-02	10.1	10.1	5.7	5.7	-43.4	-8.7	-5.6	-55.1	-10.9	0.3
764	ok	0.22	1.28e-02	1.30e-02	10.1	10.1	5.7	5.7	-17.1	-4.2	-2.6	1.0	10.7	27.3
765	ok	0.22	3.09e-02	3.02e-02	10.1	10.1	5.7	5.7	-20.5	79.6	-20.3	8.6	-38.1	32.0
766	ok	0.22	1.05e-02	1.10e-02	10.1	10.1	5.7	5.7	-31.4	9.2	-4.2	-13.3	1.0	13.0
767	ok	0.22	1.17e-02	1.23e-02	10.1	10.1	5.7	5.7	-35.2	5.9	-1.8	-18.0	-3.3	9.5
768	ok	0.22	1.26e-02	1.32e-02	10.1	10.1	5.7	5.7	-37.8	2.7	-2.2	-23.6	-6.3	7.4
769	ok	0.22	1.33e-02	1.40e-02	10.1	10.1	5.7	5.7	-39.9	-0.5	-2.5	-30.7	-8.3	6.1
770	ok	0.22	1.39e-02	1.46e-02	10.1	10.1	5.7	5.7	-41.8	-3.6	-2.5	-38.4	-9.1	4.2
771	ok	0.22	1.47e-02	1.54e-02	10.1	10.1	5.7	5.7	-40.9	-6.0	-2.9	-46.0	-9.7	2.1
772	ok	0.22	1.43e-02	1.50e-02	10.1	10.1	5.7	5.7	-42.7	-8.6	-4.8	-52.5	-10.5	0.1
773	ok	0.22	1.55e-02	1.58e-02	10.1	10.1	5.7	5.7	-37.2	9.1	20.6	-3.6	-4.8	14.6
774	ok	0.22	2.45e-02	2.37e-02	10.1	10.1	5.7	5.7	-28.7	16.2	-38.8	-1.9	8.7	3.1
775	ok	0.22	1.13e-02	1.19e-02	10.1	10.1	5.7	5.7	-30.5	8.4	-2.1	-9.8	-9.29e-02	14.2
776	ok	0.22	1.18e-02	1.24e-02	10.1	10.1	5.7	5.7	-32.6	6.1	-3.7	-15.2	-2.5	10.9

777	ok	0.22	1.24e-02	1.31e-02	10.1	10.1	5.7	5.7	-37.5	2.5	-1.7	-21.1	-5.0	8.1
778	ok	0.22	1.31e-02	1.37e-02	10.1	10.1	5.7	5.7	-39.4	-0.7	-1.9	-28.4	-7.0	5.9
779	ok	0.22	1.37e-02	1.44e-02	10.1	10.1	5.7	5.7	-41.3	-3.6	-1.8	-36.0	-8.1	3.7
780	ok	0.22	1.44e-02	1.51e-02	10.1	10.1	5.7	5.7	-40.4	-5.9	-2.1	-43.7	-9.1	1.6
781	ok	0.22	1.40e-02	1.47e-02	10.1	10.1	5.7	5.7	-42.2	-8.5	-4.1	-50.8	-10.1	6.57e-02
782	ok	0.22	1.38e-02	1.39e-02	10.1	10.1	5.7	5.7	-32.1	10.0	19.4	-4.0	3.2	18.3
783	ok	0.22	2.14e-02	2.10e-02	10.1	10.1	5.7	5.7	-29.7	9.8	-41.9	-0.1	6.2	8.8
784	ok	0.22	1.15e-02	1.21e-02	10.1	10.1	5.7	5.7	-32.2	10.1	-2.1	-7.0	0.3	14.5
785	ok	0.22	1.18e-02	1.24e-02	10.1	10.1	5.7	5.7	-33.1	6.3	-0.9	-11.9	-2.0	11.7
786	ok	0.22	1.23e-02	1.30e-02	10.1	10.1	5.7	5.7	-34.7	2.9	-1.0	-17.9	-4.0	8.6
787	ok	0.22	1.29e-02	1.36e-02	10.1	10.1	5.7	5.7	-39.2	-0.7	-1.2	-25.5	-6.0	5.9
788	ok	0.22	1.35e-02	1.42e-02	10.1	10.1	5.7	5.7	-41.0	-3.6	-1.1	-33.5	-7.3	3.3
789	ok	0.22	1.42e-02	1.49e-02	10.1	10.1	5.7	5.7	-40.1	-5.8	-1.3	-41.7	-8.6	1.3
790	ok	0.22	1.38e-02	1.45e-02	10.1	10.1	5.7	5.7	-41.8	-8.4	-3.3	-49.6	-9.9	4.11e-03
791	ok	0.22	1.31e-02	1.32e-02	10.1	10.1	5.7	5.7	-30.1	11.2	19.1	-2.2	4.9	20.7
792	ok	0.22	2.08e-02	2.04e-02	10.1	10.1	5.7	5.7	-29.8	11.7	41.6	-0.2	7.7	11.5
793	ok	0.22	1.13e-02	1.18e-02	10.1	10.1	5.7	5.7	-31.6	8.8	-0.5	-4.3	1.5	15.8
794	ok	0.22	1.17e-02	1.23e-02	10.1	10.1	5.7	5.7	-32.9	5.7	0.3	-8.4	-0.9	12.5
795	ok	0.22	1.22e-02	1.29e-02	10.1	10.1	5.7	5.7	-34.5	2.6	-0.2	-14.3	-3.0	9.1
796	ok	0.22	1.28e-02	1.35e-02	10.1	10.1	5.7	5.7	-39.0	-0.8	-0.5	-22.3	-5.0	5.9
797	ok	0.22	1.34e-02	1.41e-02	10.1	10.1	5.7	5.7	-40.8	-3.5	-0.4	-30.8	-6.6	3.1
798	ok	0.22	1.40e-02	1.48e-02	10.1	10.1	5.7	5.7	-39.9	-5.6	-0.6	-39.8	-8.2	1.0
799	ok	0.22	1.37e-02	1.44e-02	10.1	10.1	5.7	5.7	-41.6	-8.3	-2.5	-48.9	-9.8	-5.62e-02
800	ok	0.22	1.29e-02	1.29e-02	10.1	10.1	5.7	5.7	-29.0	11.9	19.4	-0.1	6.4	23.4
801	ok	0.22	2.01e-02	2.00e-02	10.1	10.1	5.7	5.7	-29.8	14.1	41.5	-0.2	9.3	12.9
802	ok	0.22	1.10e-02	1.15e-02	10.1	10.1	5.7	5.7	-30.6	7.9	0.6	-0.9	3.0	17.5
803	ok	0.22	1.15e-02	1.21e-02	10.1	10.1	5.7	5.7	-35.0	4.3	-1.0	-4.4	0.6	13.4
804	ok	0.22	1.21e-02	1.27e-02	10.1	10.1	5.7	5.7	-36.8	1.6	0.5	-10.3	-1.5	9.5
805	ok	0.22	1.28e-02	1.34e-02	10.1	10.1	5.7	5.7	-38.9	-0.9	0.1	-18.8	-3.7	6.1
806	ok	0.22	1.34e-02	1.41e-02	10.1	10.1	5.7	5.7	-40.8	-3.3	0.4	-27.9	-5.7	3.1
807	ok	0.22	1.39e-02	1.47e-02	10.1	10.1	5.7	5.7	-42.5	-5.9	1.6	-38.1	-7.7	0.8
808	ok	0.22	1.36e-02	1.43e-02	10.1	10.1	5.7	5.7	-41.5	-8.3	-1.6	-48.5	-9.7	-0.1
809	ok	0.22	1.30e-02	1.30e-02	10.1	10.1	5.7	5.7	-28.3	11.7	20.3	2.7	8.4	26.6
810	ok	0.22	2.01e-02	1.99e-02	10.1	10.1	5.7	5.7	-30.2	15.2	42.3	-0.3	11.4	14.8
811	ok	0.22	1.08e-02	1.12e-02	10.1	10.1	5.7	5.7	-29.5	7.1	1.5	3.7	4.9	19.2
812	ok	0.22	1.13e-02	1.19e-02	10.1	10.1	5.7	5.7	-31.6	3.8	1.7	0.6	2.8	14.3
813	ok	0.22	1.21e-02	1.27e-02	10.1	10.1	5.7	5.7	-36.7	1.1	-1.3	-5.8	0.9	9.9
814	ok	0.22	1.28e-02	1.34e-02	10.1	10.1	5.7	5.7	-38.9	-0.9	0.6	-14.9	-1.7	6.4
815	ok	0.22	1.34e-02	1.41e-02	10.1	10.1	5.7	5.7	-40.9	-3.0	1.1	-24.8	-4.3	3.3
816	ok	0.22	1.39e-02	1.47e-02	10.1	10.1	5.7	5.7	-39.9	-5.1	1.2	-36.0	-7.1	0.9
817	ok	0.22	1.35e-02	1.43e-02	10.1	10.1	5.7	5.7	-41.3	-8.2	-0.6	-48.4	-9.7	-0.2
818	ok	0.22	1.35e-02	1.33e-02	10.1	10.1	5.7	5.7	-26.4	15.2	-12.3	7.0	10.4	30.3
819	ok	0.22	2.07e-02	2.06e-02	10.1	10.1	5.7	5.7	-30.7	15.2	44.0	-1.1	13.7	16.8
820	ok	0.22	1.05e-02	1.10e-02	10.1	10.1	5.7	5.7	-28.6	5.8	2.1	10.1	7.9	20.7
821	ok	0.22	1.13e-02	1.18e-02	10.1	10.1	5.7	5.7	-31.5	2.5	1.7	6.4	6.6	14.8
822	ok	0.22	1.21e-02	1.28e-02	10.1	10.1	5.7	5.7	-36.9	0.8	-1.1	-0.9	4.8	10.4
823	ok	0.22	1.28e-02	1.35e-02	10.1	10.1	5.7	5.7	-39.2	-0.7	-1.2	-10.8	1.6	7.1
824	ok	0.22	1.34e-02	1.42e-02	10.1	10.1	5.7	5.7	-41.0	-2.4	-0.6	-21.4	-2.0	4.1
825	ok	0.22	1.40e-02	1.47e-02	10.1	10.1	5.7	5.7	-39.8	-4.6	2.3	-33.6	-6.0	1.5
826	ok	0.22	1.35e-02	1.42e-02	10.1	10.1	5.7	5.7	-40.9	-8.1	0.7	-48.1	-9.7	-0.1
827	ok	0.22	1.43e-02	1.41e-02	10.1	10.1	5.7	5.7	-25.8	16.9	-10.3	20.0	17.2	38.8
828	ok	0.22	2.18e-02	2.16e-02	10.1	10.1	5.7	5.7	-28.1	32.6	-35.6	2.0	16.1	21.9
829	ok	0.22	1.06e-02	1.10e-02	10.1	10.1	5.7	5.7	-29.1	3.5	1.6	20.2	14.0	21.9
830	ok	0.22	1.17e-02	1.22e-02	10.1	10.1	5.7	5.7	-35.4	1.2	-0.7	12.1	13.1	14.6
831	ok	0.22	1.25e-02	1.31e-02	10.1	10.1	5.7	5.7	-35.2	1.2	-0.8	4.0	11.1	11.1
832	ok	0.22	1.30e-02	1.37e-02	10.1	10.1	5.7	5.7	-39.7	-6.52e-02	-0.4	-6.7	6.5	8.4
833	ok	0.22	1.35e-02	1.42e-02	10.1	10.1	5.7	5.7	-38.3	-1.1	2.8	-17.9	1.5	5.7
834	ok	0.22	1.40e-02	1.47e-02	10.1	10.1	5.7	5.7	-39.3	-3.9	1.8	-30.5	-4.2	3.1
835	ok	0.22	1.35e-02	1.41e-02	10.1	10.1	5.7	5.7	-40.2	-7.9	2.2	-46.4	-9.4	0.2
836	ok	0.22	2.99e-02	1.53e-02	10.1	10.1	5.7	5.7	-31.5	13.6	-11.6	78.1	55.8	74.9
837	ok	0.22	2.32e-02	2.17e-02	10.1	10.1	5.7	5.7	-22.3	16.1	52.8	-98.2	-6.5	-22.9
838	ok	0.22	1.21e-02	1.27e-02	10.1	10.1	5.7	5.7	-29.8	-5.7	-5.1	33.6	29.2	17.7
839	ok	0.22	1.29e-02	1.36e-02	10.1	10.1	5.7	5.7	-39.1	1.2	1.8	17.2	23.3	13.7
840	ok	0.22	1.31e-02	1.38e-02	10.1	10.1	5.7	5.7	-39.4	1.3	0.5	8.4	21.0	12.6
841	ok	0.22	1.32e-02	1.39e-02	10.1	10.1	5.7	5.7	-37.0	1.3	1.3	-1.9	14.8	10.9
842	ok	0.22	1.34e-02	1.41e-02	10.1	10.1	5.7	5.7	-40.4	-0.6	4.6	-14.6	6.3	8.9
843	ok	0.22	1.40e-02	1.46e-02	10.1	10.1	5.7	5.7	-38.2	-3.0	3.5	-26.6	-1.6	5.9
844	ok	0.22	1.33e-02	1.38e-02	10.1	10.1	5.7	5.7	-38.6	-7.6	4.0	-40.9	-8.3	1.2
845	ok	0.22	0.1	4.25e-02	10.1	10.1	5.7	5.7	-63.1	-46.6	-61.3	605.3	138.5	234.9
846	ok	0.22	0.3	1.95e-02	10.1	10.1	5.7	5.7	96.5	46.5	102.0	-1175.2	-100.0	-235.8
847	ok	0.22	1.92e-02	1.79e-02	10.1	10.1	5.7	5.7	-49.5	-3.3	-3.6	21.8	62.3	27.4
848	ok	0.22	1.52e-02	1.61e-02	10.1	10.1	5.7	5.7	-46.0	2.3	5.1	17.9	37.8	15.5
849	ok	0.22	1.39e-02	1.46e-02	10.1	10.1	5.7	5.7	-41.5	2.0	6.2	10.0	34.7	19.1
850	ok	0.22	1.32e-02	1.37e-02	10.1	10.1	5.7	5.7	-36.2	1.8	6.4	0.7	24.6	20.8
851	ok	0.22	1.29e-02	1.35e-02	10.1	10.1	5.7	5.7	-35.3	0.6	6.4	-10.2	10.4	18.7
852	ok	0.22	1.41e-02	1.46e-02	10.1	10.1	5.7	5.7	-40.1	-2.8	9.0	-21.0	1.2	12.6
853	ok	0.22	1.32e-02	1.35e-02	10.1	10.1	5.7	5.7	-36.9	-7.2	8.2	-27.5	-5.7	2.8

1401	ok	0.22	1.50e-02	1.60e-02	10.1	10.1	5.7	5.7	-46.3	-0.2	1.2	-40.5	0.5	13.7
1402	ok	0.22	9.60e-03	1.00e-02	10.1	10.1	5.7	5.7	-29.0	0.1	0.9	-9.0	2.5	25.4
1403	ok	0.22	1.87e-02	2.01e-02	10.1	10.1	5.7	5.7	-57.0	5.7	5.4	-77.5	6.3	7.7
1941	ok	0.22	2.83e-02	3.10e-02	10.1	10.1	5.7	5.7	-87.4	-11.5	-13.4	-105.4	-13.2	-7.5
1942	ok	0.23	1.0	0.0	10.1	11.3	5.7	6.9	78.3	59.9	-41.8	4197.5	1264.5	-1654.0
1943	ok	0.22	0.3	1.20e-02	10.1	10.1	5.7	5.7	33.8	-26.6	16.8	-944.7	-617.5	636.9
1944	ok	0.22	1.30e-02	1.37e-02	10.1	10.1	5.7	5.7	-39.8	-0.3	1.1	-25.2	0.8	17.9
1945	ok	0.22	1.67e-02	1.79e-02	10.1	10.1	5.7	5.7	-51.9	0.2	1.4	-57.0	0.9	10.5
1946	ok	0.22	2.45e-02	4.35e-03	10.1	10.1	5.7	5.7	-3.5	-7.4	-5.7	5.3	-75.6	42.6

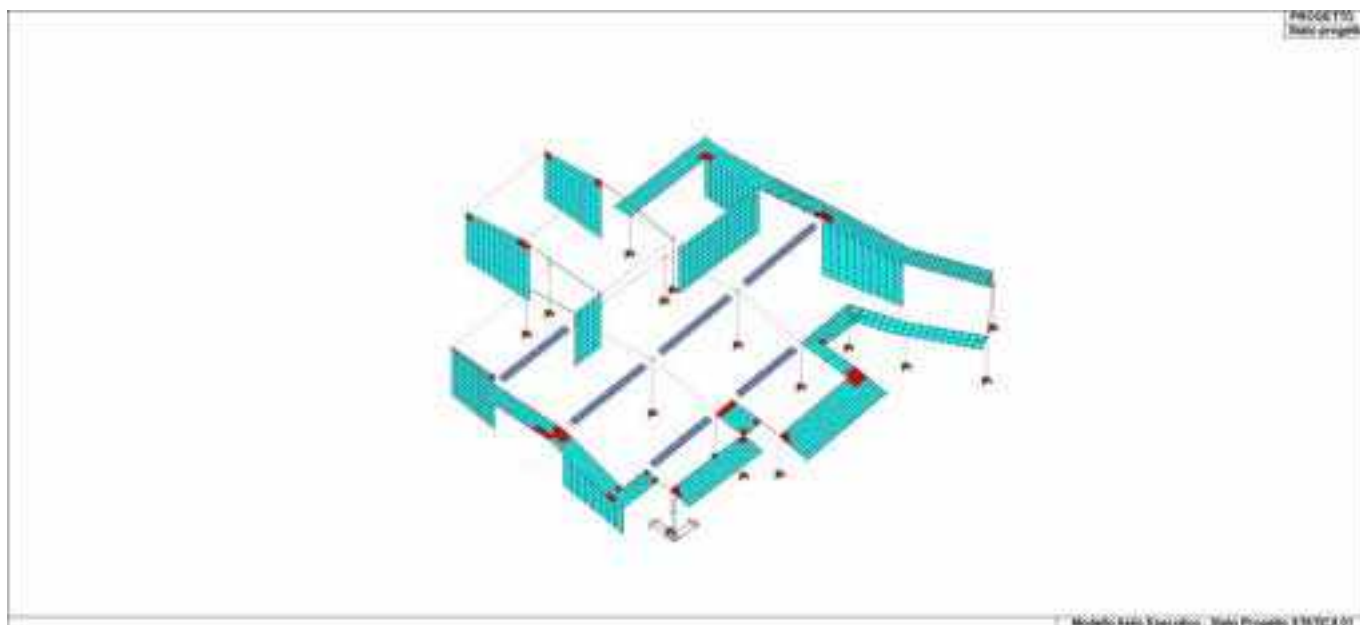
Nodo	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
	0.23	0.95	0.12	10.05	11.33	5.65	6.93	-269.03 96.53	-46.60 87.09	-143.59 102.04	-3095.37 4197.53	-617.54 1264.51	-1653.96 821.70

Nodo	Stato	Max tau daN/cm2	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr daN/cm	V sec daN/cm
35	ok	8.44e-03						
36	ok	1.35						
65	ok	0.06						
66	ok	3.49						
70	ok	1.35						
73	ok	0.05						
75	ok	0.04						
77	ok	0.04						
79	ok	0.04						
81	ok	0.04						
83	ok	0.03						
712	ok	3.49						
713	ok	0.97						
714	ok	0.97						
715	ok	0.31						
716	ok	0.12						
717	ok	0.06						
718	ok	0.04						
719	ok	0.03						
720	ok	0.02						
721	ok	0.03						
722	ok	0.02						
723	ok	0.04						
724	ok	0.03						
725	ok	0.06						
726	ok	0.04						
727	ok	0.04						
728	ok	0.15						
729	ok	0.15						
730	ok	0.07						
731	ok	0.02						
732	ok	0.01						
733	ok	0.02						
734	ok	0.02						
735	ok	0.03						
736	ok	0.03						
737	ok	0.06						
738	ok	0.06						
739	ok	0.04						
740	ok	0.02						
741	ok	0.01						
742	ok	0.01						
743	ok	0.02						
744	ok	0.02						
745	ok	0.02						
746	ok	0.05						
747	ok	0.05						
748	ok	0.03						
749	ok	0.02						
750	ok	0.01						
751	ok	0.01						
752	ok	0.01						
753	ok	0.01						
754	ok	0.01						
755	ok	0.05						
756	ok	0.05						
757	ok	0.02						
758	ok	0.02						
759	ok	0.01						

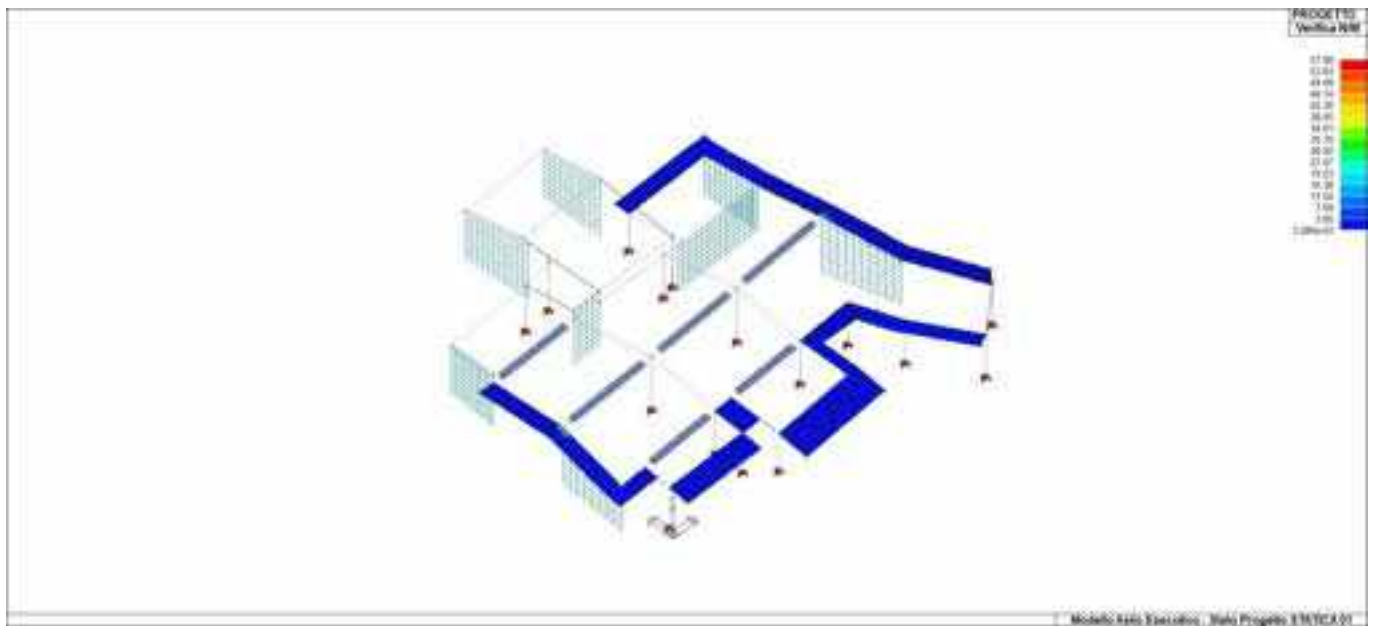
760	ok	0.01
761	ok	0.01
762	ok	0.01
763	ok	0.01
764	ok	0.04
765	ok	0.04
766	ok	0.02
767	ok	0.01
768	ok	0.01
769	ok	0.01
770	ok	0.01
771	ok	0.01
772	ok	0.01
773	ok	0.01
774	ok	9.37e-03
775	ok	0.01
776	ok	0.01
777	ok	0.01
778	ok	0.01
779	ok	0.01
780	ok	0.01
781	ok	0.01
782	ok	9.38e-03
783	ok	9.37e-03
784	ok	0.01
785	ok	0.01
786	ok	0.01
787	ok	0.01
788	ok	0.01
789	ok	0.01
790	ok	0.01
791	ok	9.38e-03
792	ok	8.09e-03
793	ok	0.01
794	ok	0.01
795	ok	0.01
796	ok	0.02
797	ok	0.02
798	ok	0.02
799	ok	0.02
800	ok	9.60e-03
801	ok	6.61e-03
802	ok	0.01
803	ok	0.02
804	ok	0.02
805	ok	0.02
806	ok	0.02
807	ok	0.02
808	ok	0.02
809	ok	0.01
810	ok	8.06e-03
811	ok	0.02
812	ok	0.02
813	ok	0.02
814	ok	0.02
815	ok	0.02
816	ok	0.02
817	ok	0.02
818	ok	0.02
819	ok	0.01
820	ok	0.02
821	ok	0.02
822	ok	0.02
823	ok	0.02
824	ok	0.02
825	ok	0.03
826	ok	0.03
827	ok	0.03
828	ok	0.02
829	ok	0.03
830	ok	0.03
831	ok	0.03
832	ok	0.03
833	ok	0.03
834	ok	0.03
835	ok	0.03
836	ok	0.05

837	ok	0.04
838	ok	0.05
839	ok	0.03
840	ok	0.04
841	ok	0.04
842	ok	0.03
843	ok	0.03
844	ok	0.03
845	ok	1.35
846	ok	1.35
847	ok	0.05
848	ok	0.04
849	ok	0.04
850	ok	0.04
851	ok	0.04
852	ok	0.03
853	ok	0.03
1401	ok	0.03
1402	ok	0.06
1403	ok	0.06
1941	ok	0.06
1942	ok	3.49
1943	ok	3.49
1944	ok	0.03
1945	ok	0.04
1946	ok	0.31

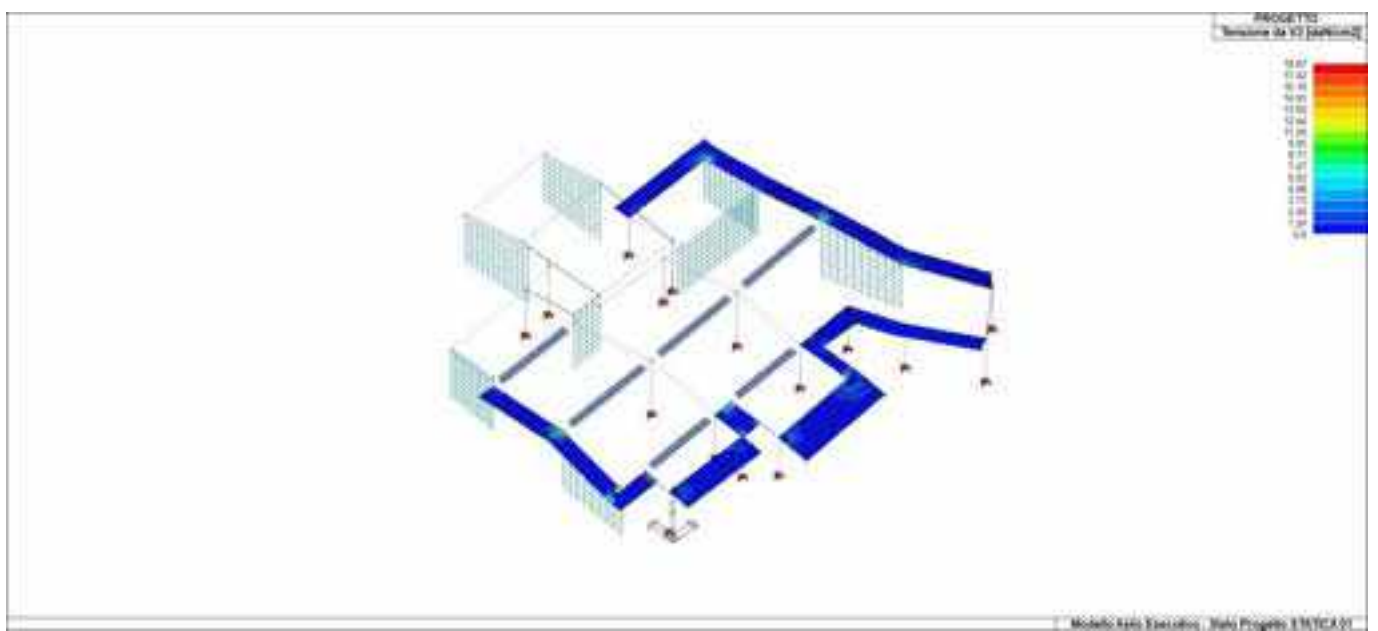
Nodo		Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		3.49						



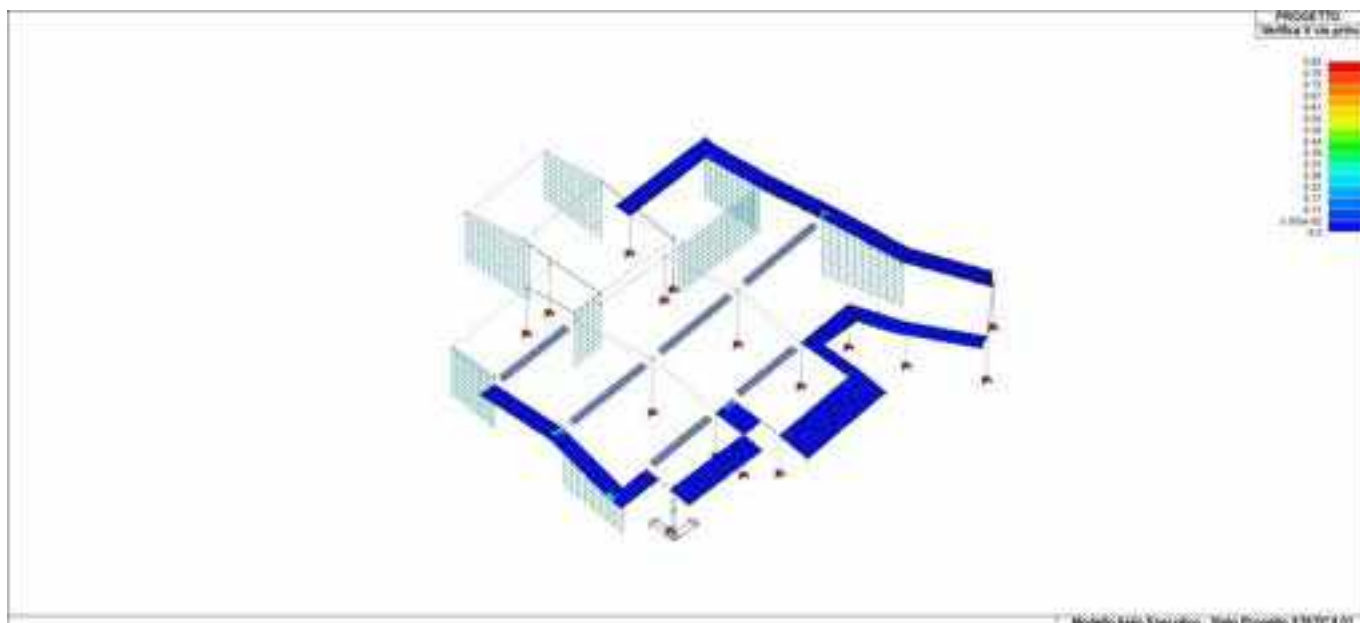
72_CA_D3_01_Stato progetto



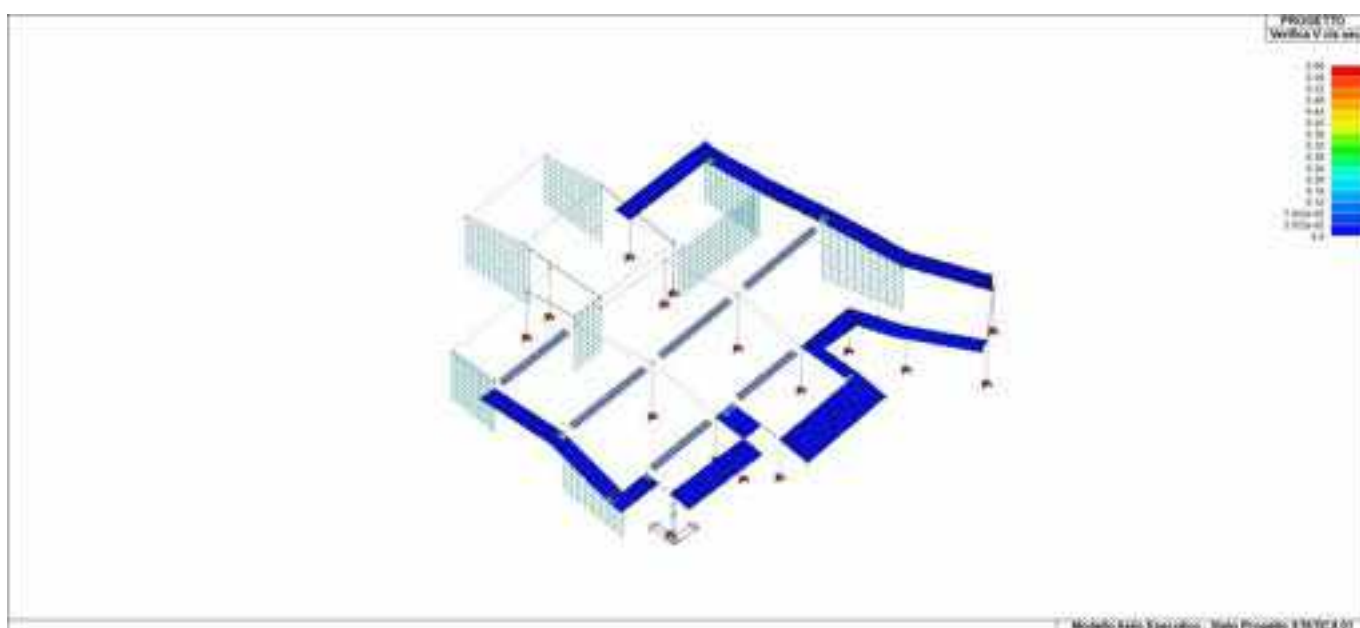
72_CA_D3_02_Verifica NM



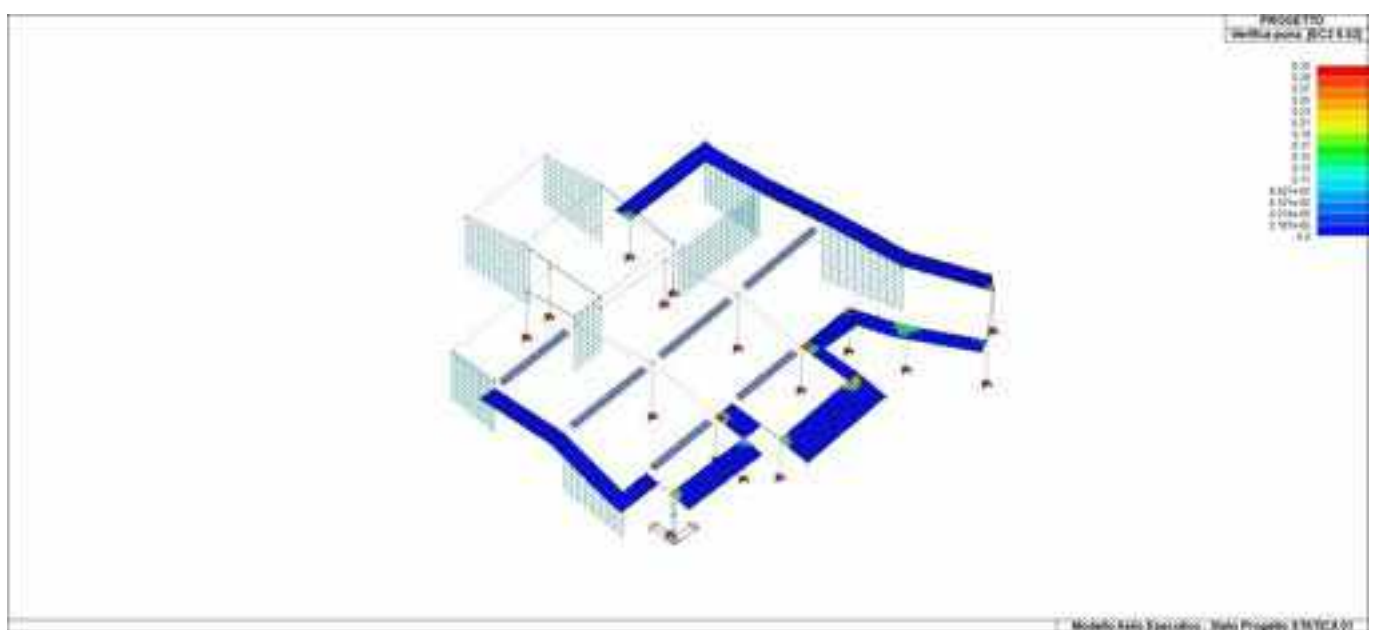
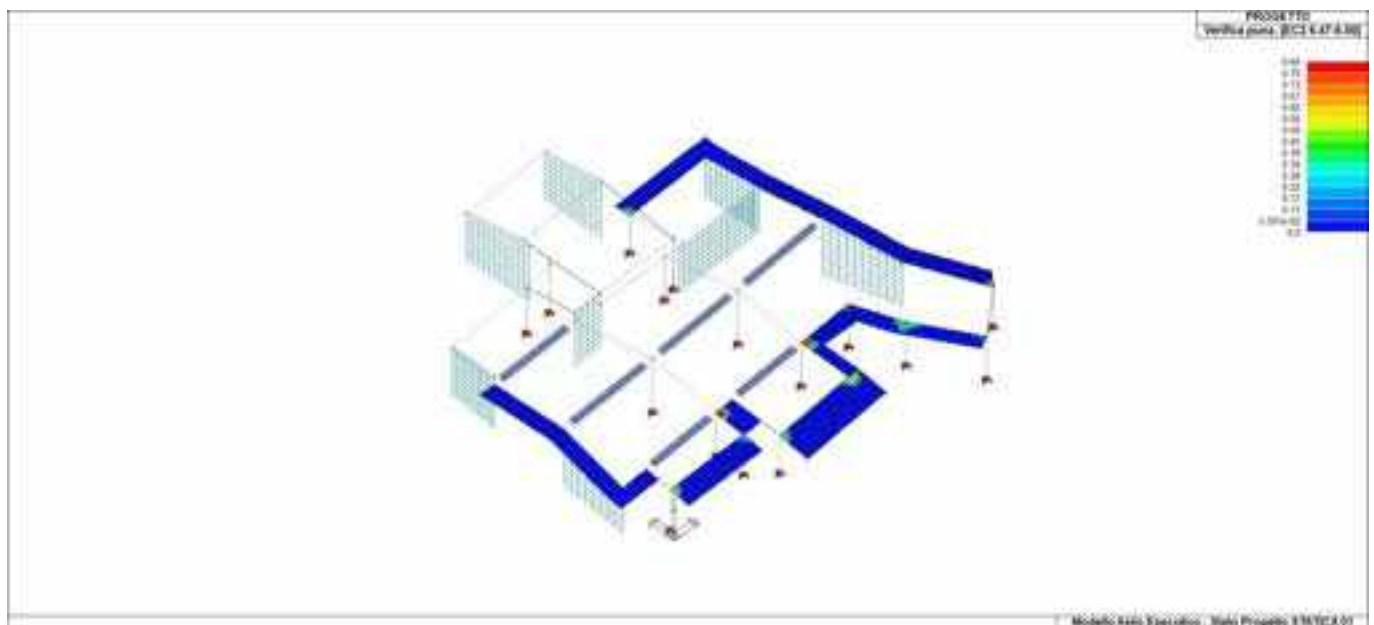
72_CA_D3_05_Tensione da V3

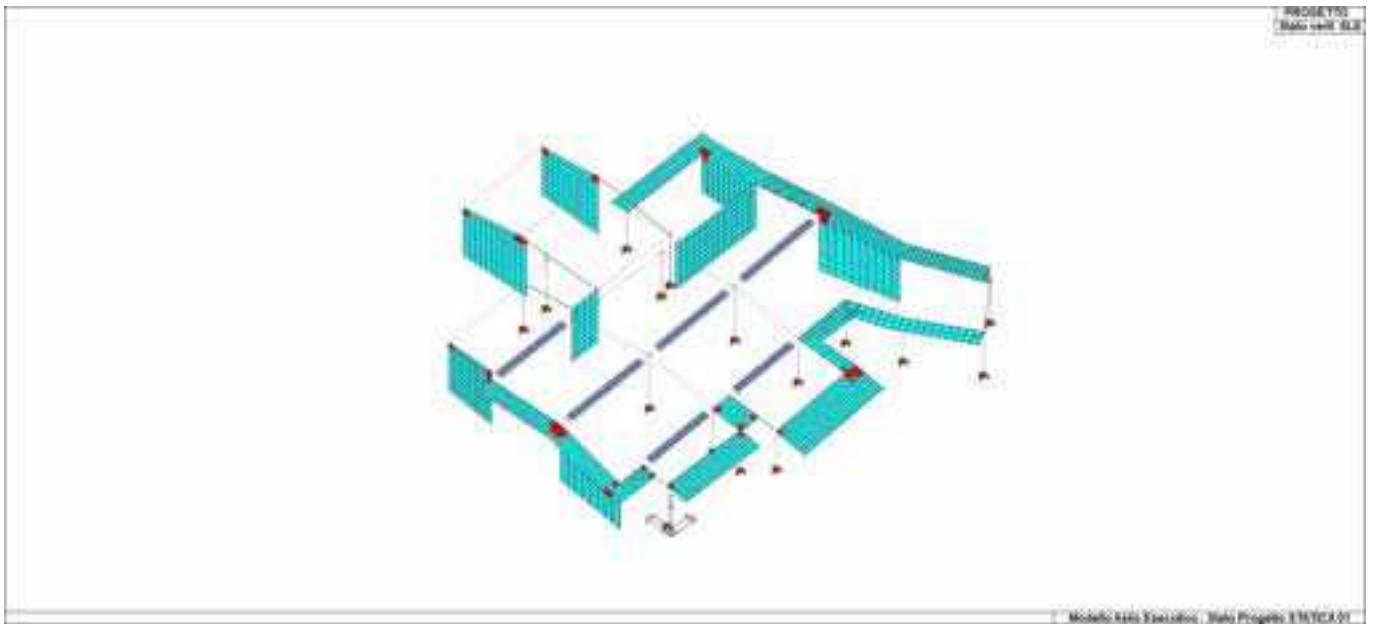


72_CA_D3_06_Verifica V cls princ

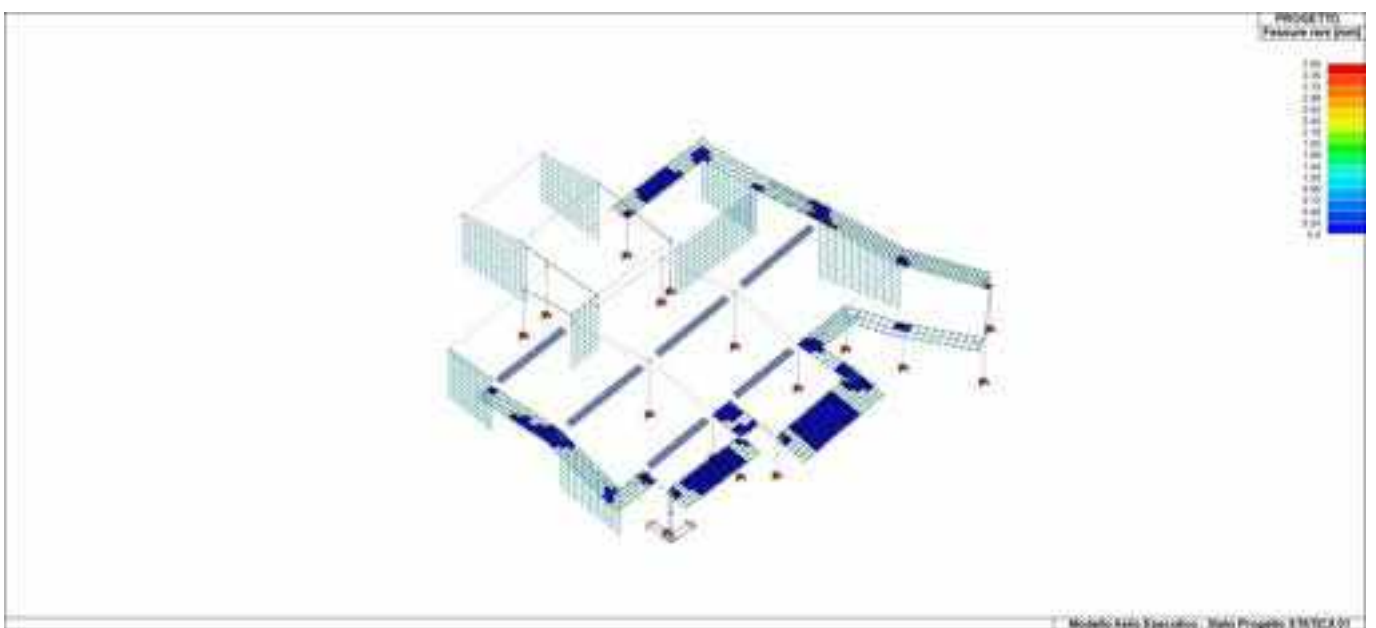


72_CA_D3_07_Verifica V cls sec

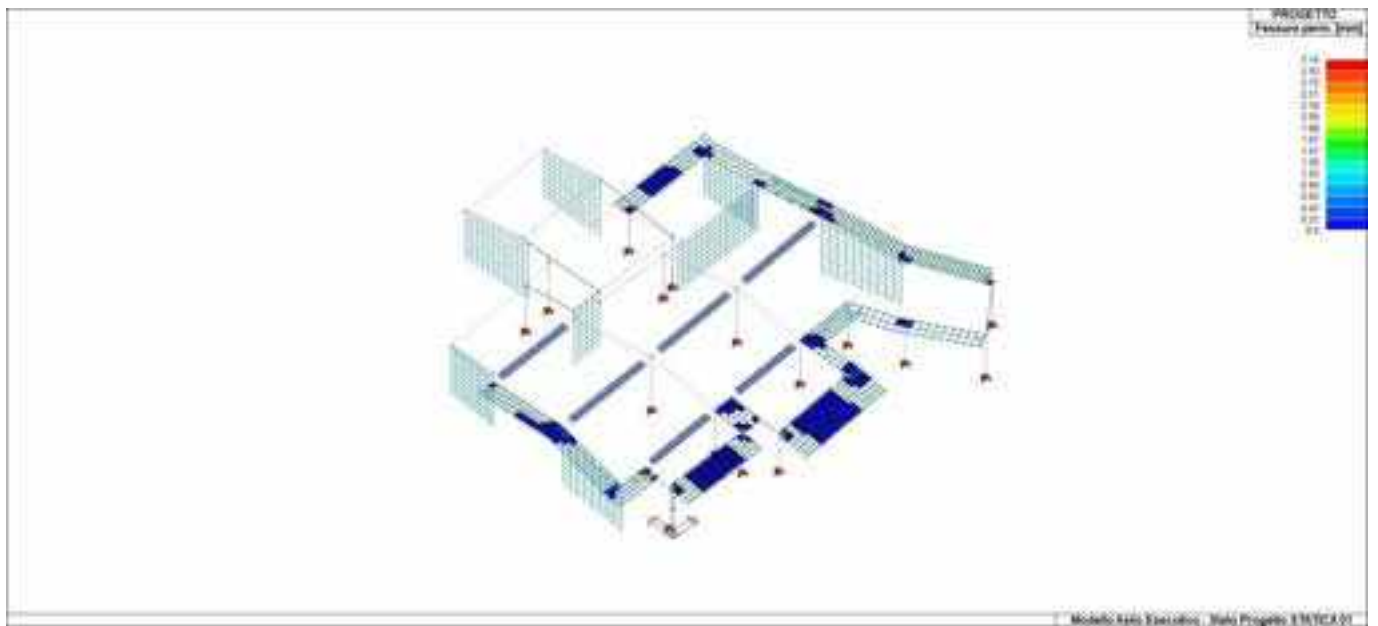




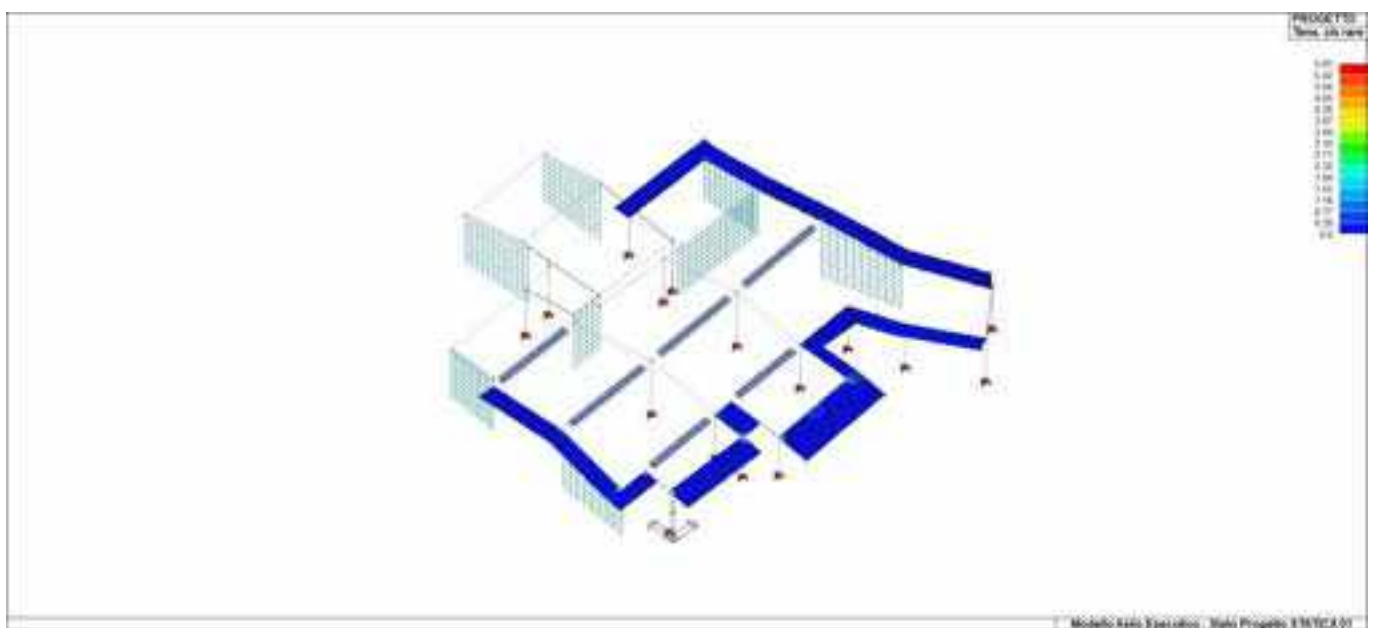
72_CA_D3_17_Stato verif SLE



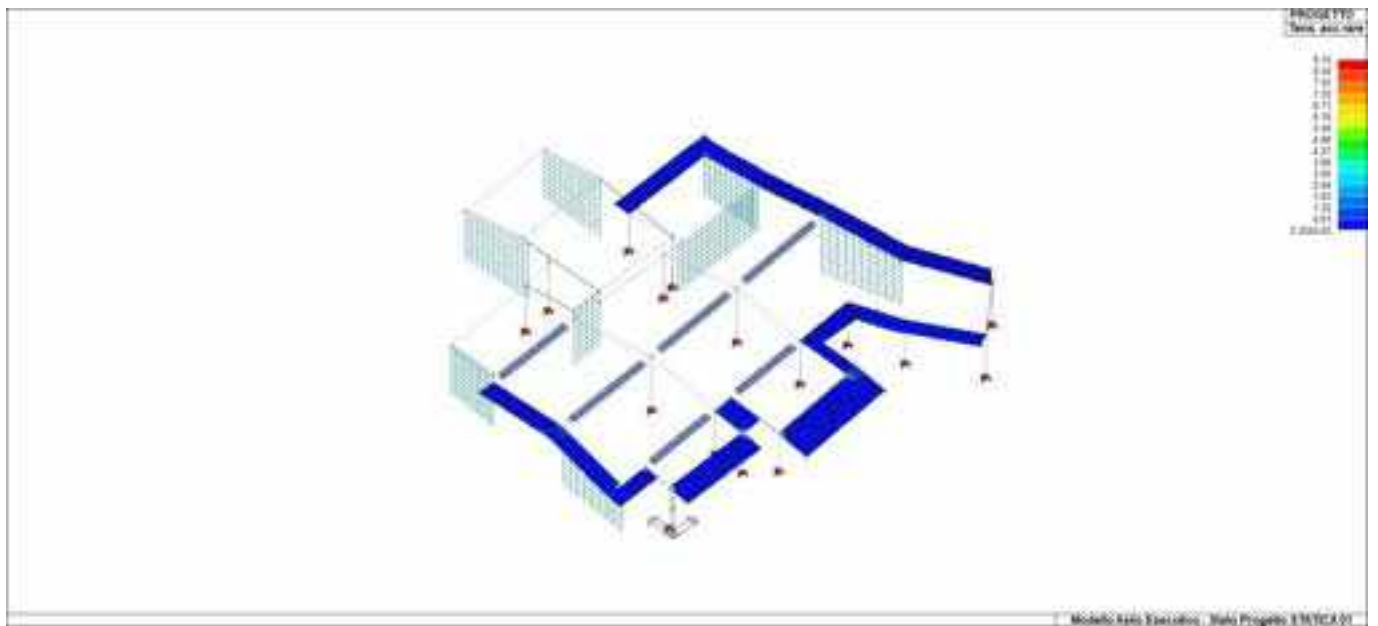
72_CA_D3_18_Fessure rare



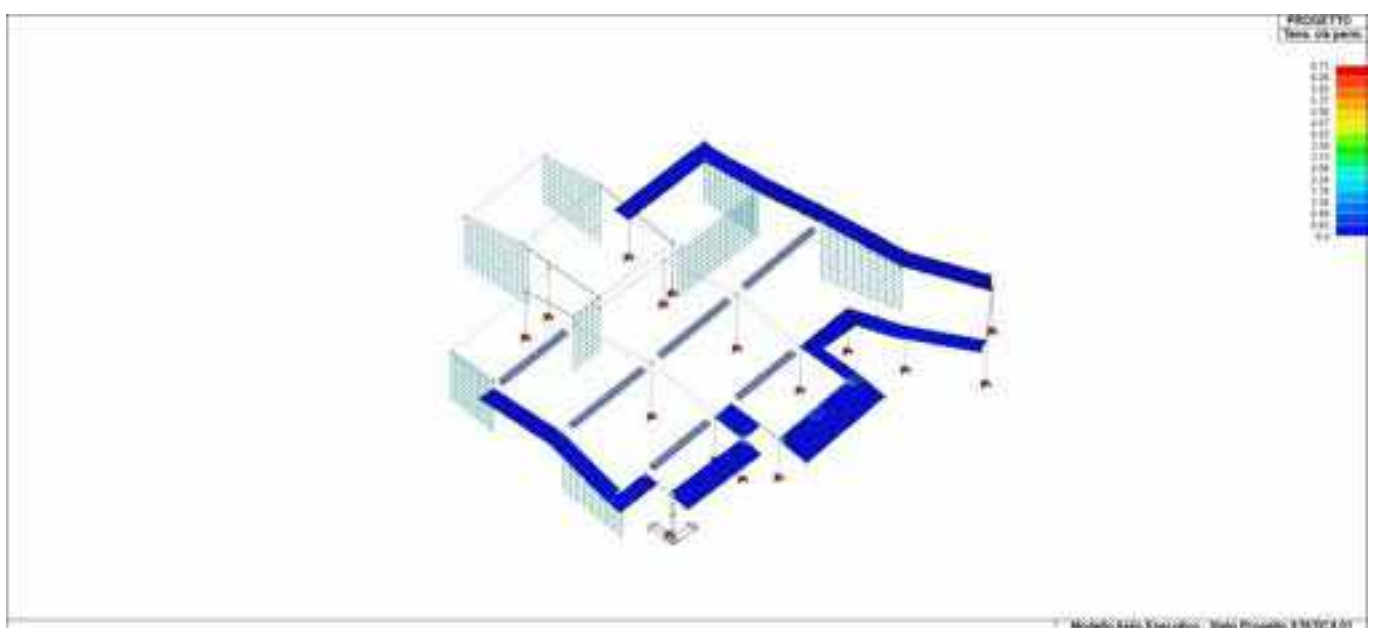
72_CA_D3_20_Fessure perm



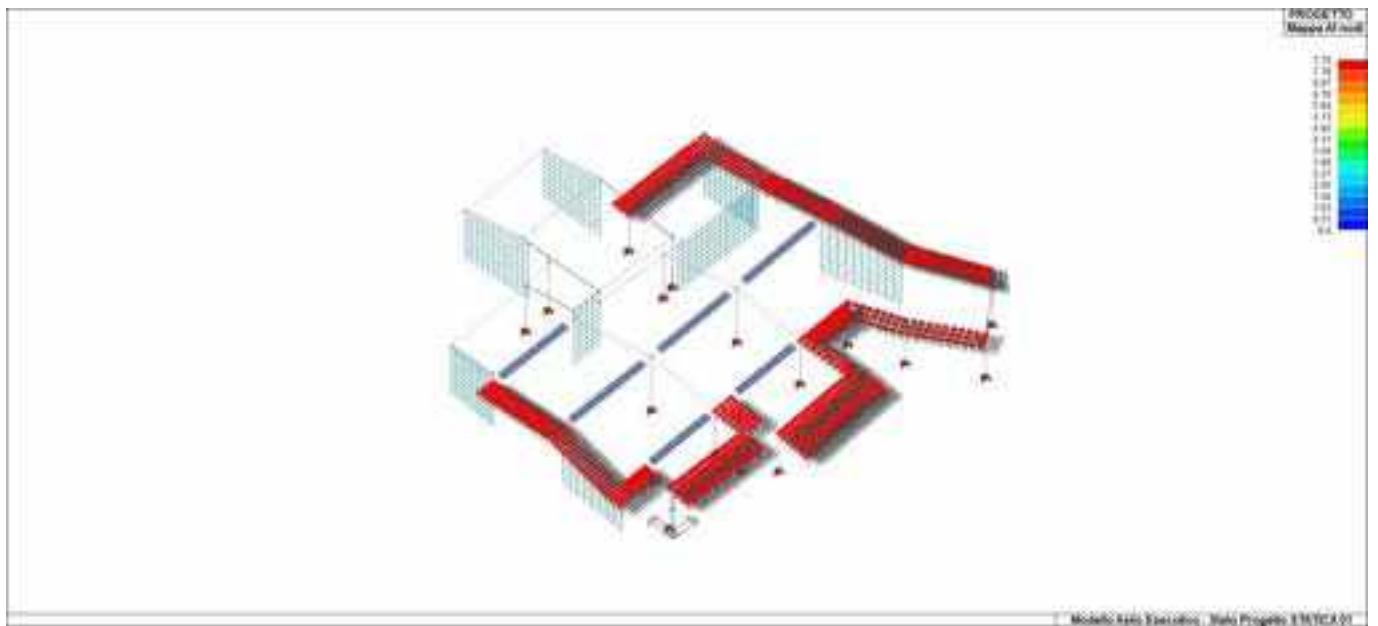
72_CA_D3_21_Tens cls rare



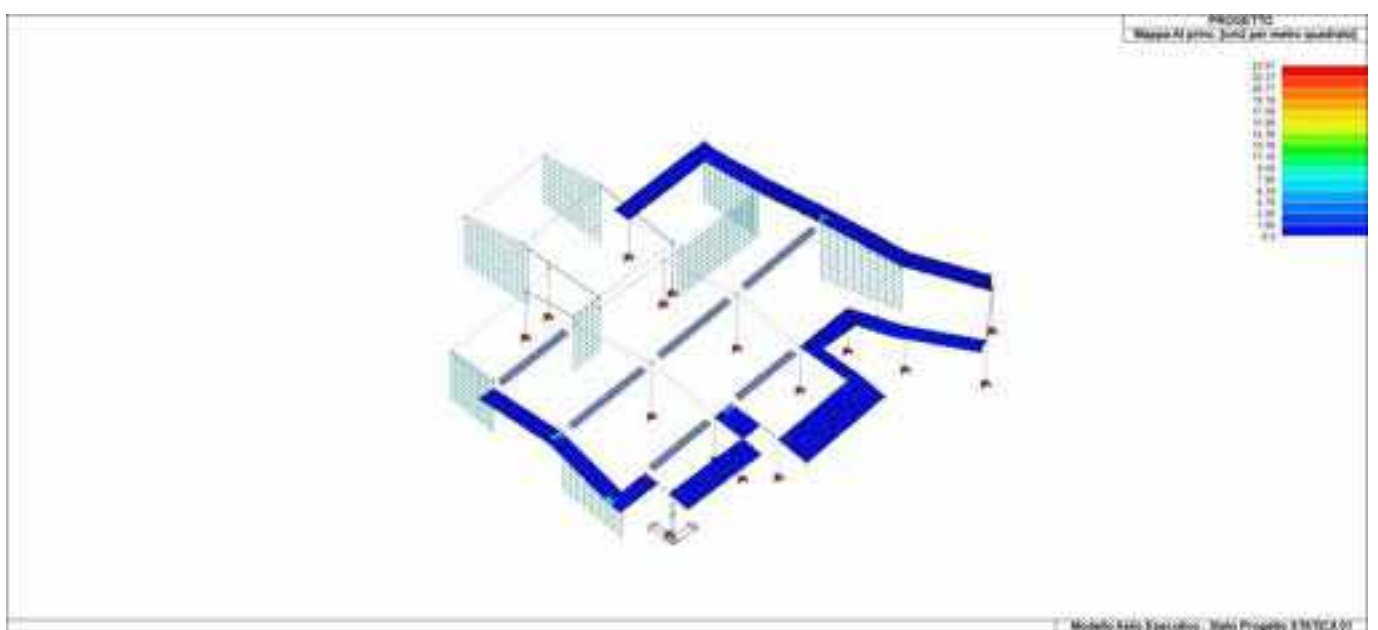
72_CA_D3_22_Tens acc rare



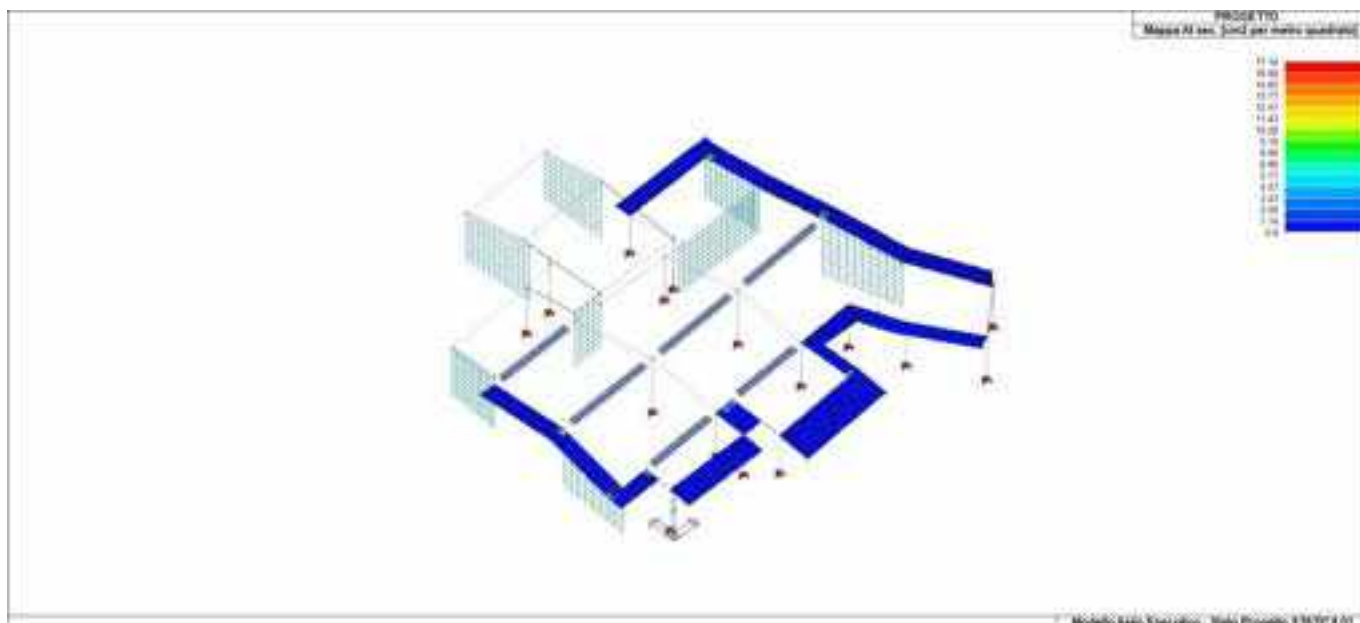
72_CA_D3_23_Tens cls perm



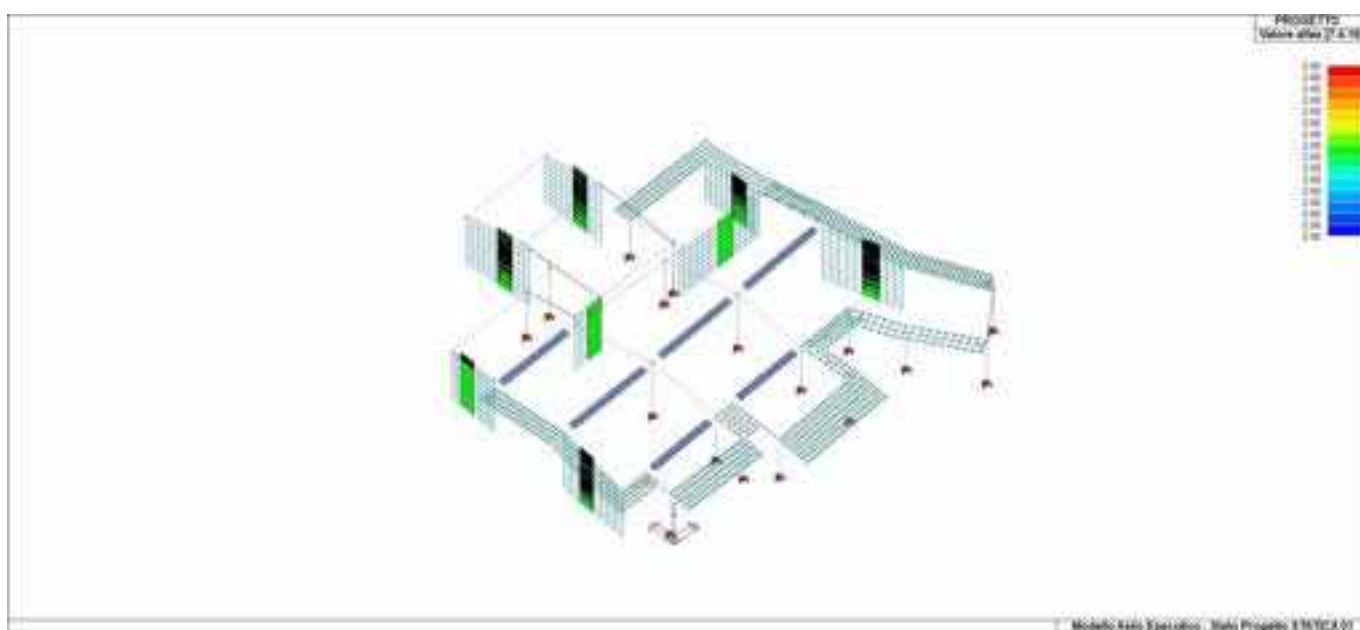
72_CA_D3_25_Mappa Af nodi



72_CA_D3_34_Mappa At princ cm2 per metro quadrato



72_CA_D3_35_Mappa At sec cm2 per metro quadrato



72_CA_PAR_09_Valore alfas 7416

STATI LIMITE D' ESERCIZIO

LEGENDA TABELLA STATI LIMITE D' ESERCIZIO

In tabella vengono riportati i valori di interesse per il controllo degli stati limite d'esercizio.

In particolare vengono riportati, in relazione al tipo di elemento strutturale, i risultati relativi alle tre categorie di combinazione considerate:

- Combinazioni rare
- Combinazioni frequenti
- Combinazioni quasi permanenti.

I valori di interesse sono i seguenti:

rRfck	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni rare [normalizzato a 1]
rRfyk	rapporto tra la massima tensione nell'acciaio e la tensione fyk in combinazioni rare [normalizzato a 1]
rPfck	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni quasi permanenti [normalizzato a 1]
wR	apertura caratteristica delle fessure in combinazioni rare [mm]
wF	apertura caratteristica delle fessure in combinazioni frequenti [mm]
wP	apertura caratteristica delle fessure in combinazioni quasi permanenti [mm]
dR	massima deformazione in combinazioni rare
dF	massima deformazione in combinazioni frequenti
dP	massima deformazione in combinazioni quasi permanenti

Per ognuno dei nove valori soprariportati viene indicata (Rif.cmb) la combinazione in cui si è verificato.

In relazione al tipo di elemento strutturale i valori sono selezionati nel modo seguente:

pilastrati	rRfck	rRfyk	rPfck	per sezioni significative
travi	rRfck	rRfyk	rPfck	per sezioni significative
	wR	wF	wP	per sezioni significative
	dR	dF	dP	massimi in campata
setti e gusci	rRfck	rRfyk	rPfck	massimi nei nodi dell'elemento
	wR	wF	wP	massimi nei nodi dell'elemento

Si precisa che i valori di massima deformazione per travi sono riferiti al piano verticale (piano locale 1-2 con momenti flettenti 3-3).

Pilas.	Pos. cm	rRfck	rRfyk	rPfck	Rif. cmb	Pos. cm	rRfck	rRfyk	rPfck	Rif. cmb
5	0.0	0.20	0.10	0.23	31,31,37	190.0	0.10	0.05	0.12	31,31,37
	380.0	0.43	0.41	0.51	31,31,37					
10	0.0	0.17	0.09	0.20	31,31,37	170.0	0.13	0.07	0.15	31,31,37
	340.0	0.29	0.13	0.34	31,31,37					
12	0.0	0.31	0.18	0.36	31,31,37	200.0	0.28	0.17	0.32	31,31,37
	400.0	0.35	0.20	0.40	31,31,37					
13	0.0	0.28	0.17	0.32	31,31,37	200.0	0.26	0.16	0.30	31,31,37
	400.0	0.29	0.17	0.33	31,31,37					
21	0.0	0.25	0.14	0.29	32,32,37	160.0	0.22	0.13	0.25	32,32,37
	320.0	0.29	0.16	0.34	32,32,37					
22	0.0	0.31	0.16	0.36	32,32,37	160.0	0.23	0.13	0.26	32,32,37
	320.0	0.48	0.23	0.54	32,32,37					
24	0.0	0.45	0.20	0.51	32,32,37	150.0	0.25	0.12	0.29	32,32,37
	300.0	0.87	0.52	0.99	31,31,37					
25	0.0	0.18	0.08	0.20	35,35,37	150.0	0.10	0.05	0.12	36,36,37
	300.0	0.35	0.19	0.39	35,35,37					
26	0.0	0.29	0.15	0.33	36,36,37	150.0	0.21	0.11	0.24	36,36,37
	300.0	0.51	0.23	0.59	32,36,37					
27	0.0	0.33	0.15	0.39	32,36,37	140.0	0.19	0.10	0.23	32,36,37
	280.0	0.62	0.30	0.73	32,32,37					
28	0.0	0.15	0.08	0.17	31,31,37	160.0	0.13	0.07	0.15	32,32,37
	320.0	0.18	0.09	0.21	31,31,37					
29	0.0	0.14	0.08	0.16	36,32,37	160.0	0.12	0.07	0.15	32,32,37
	320.0	0.15	0.09	0.18	36,32,37					
30	0.0	0.17	0.08	0.21	36,36,37	160.0	0.09	0.05	0.11	36,36,37
	320.0	0.35	0.23	0.42	36,32,37					
31	0.0	0.27	0.13	0.32	32,32,37	150.0	0.15	0.08	0.18	32,32,37
	300.0	0.55	0.31	0.65	32,32,37					
48	0.0	0.19	0.10	0.23	32,32,37	162.5	0.14	0.08	0.16	32,32,37
	325.0	0.29	0.14	0.35	32,32,37					
62	0.0	0.34	0.15	0.41	32,32,37	140.0	0.18	0.09	0.22	32,32,37
	280.0	0.65	0.44	0.77	32,32,37					
79	0.0	0.11	0.09	0.13	32,32,37	21.9	0.12	0.11	0.14	32,32,37
	43.7	0.13	0.13	0.16	31,31,37					
80	0.0	0.05	0.03	0.06	32,32,37	178.0	0.02	8.29e-03	0.02	32,32,37
	356.0	0.08	0.08	0.10	32,32,37					

Pilas.	rRfck	rRfyk	rPfck	rRfck	rRfyk	rPfck
	0.87	0.52	0.99			

Trave	Pos. cm	rRfck	rRfyk	rPfck	Rif. cmb	wR mm	wF mm	wP mm	Rif. cmb	dR cm	dF cm	dP cm	Rif. cmb
1	0.0	0.04	0.06	0.04	35,35,37	0.0	0.0	0.0	0,0,0 -4.32e-03	0.0	-3.28e-03		31,0,37
	11.6	0.04	0.07	0.04	35,35,37	0.0	0.0	0.0	0,0,0				
	23.2	0.04	0.06	0.04	35,35,37	0.0	0.0	0.0	0,0,0				
2	0.0	0.04	0.07	0.04	35,35,37	0.0	0.0	0.0	0,0,0 -3.54e-03	0.0	-2.40e-03		31,0,37
	11.6	0.04	0.06	0.04	35,35,37	0.0	0.0	0.0	0,0,0				
	23.2	0.03	0.05	0.03	35,35,37	0.0	0.0	0.0	0,0,0				
3	0.0	0.17	0.23	0.21	32,32,37	0.0	0.0	0.0	0,0,0 4.15e-03	0.0	3.56e-03		32,0,37
	21.2	0.18	0.24	0.21	32,32,37	0.0	0.0	0.0	0,0,0				
	42.3	0.17	0.23	0.21	32,32,37	0.0	0.0	0.0	0,0,0				
4	0.0	0.03	0.06	0.03	35,35,37	0.0	0.0	0.0	0,0,0 -3.01e-03	0.0	-1.77e-03		31,0,37
	11.6	0.02	0.04	0.01	35,35,37	0.0	0.0	0.0	0,0,0				
	23.2	0.0	0.03	0.0	0,31,0	0.0	0.0	0.0	0,0,0				
6	0.0	0.01	5.41e-03	0.01	31,31,37	0.0	0.0	0.0	0,0,0 0.01	0.0	0.01		36,0,37
	21.0	0.02	8.68e-03	0.02	35,35,37	0.0	0.0	0.0	0,0,0				
	42.0	0.04	0.03	0.04	35,35,37	0.0	0.0	0.0	0,0,0				
7	0.0	0.01	6.19e-03	0.02	25,25,37	0.0	0.0	0.0	0,0,0 -7.69e-03	0.0	-7.69e-03		25,0,37
	169.2	0.02	9.56e-03	0.03	25,25,37	0.0	0.0	0.0	0,0,0				
	338.4	0.05	0.04	0.07	32,32,37	0.0	0.0	0.0	0,0,0				
8	0.0	0.15	0.20	0.18	32,32,37	0.0	0.0	0.0	0,0,0 0.03	0.0	0.03		32,0,37
	21.2	0.13	0.17	0.15	32,32,37	0.0	0.0	0.0	0,0,0				
	42.3	0.10	0.14	0.12	32,32,37	0.0	0.0	0.0	0,0,0				
9	0.0	0.04	0.05	0.04	36,36,37	0.0	0.0	0.0	0,0,0 0.04	0.0	0.04		32,0,37
	21.2	0.02	0.03	0.02	32,32,37	0.0	0.0	0.0	0,0,0				
	42.3	0.03	0.04	0.04	32,32,37	0.0	0.0	0.0	0,0,0				
11	0.0	0.05	0.04	0.05	35,35,37	0.0	0.0	0.0	0,0,0 9.68e-03	0.0	8.64e-03		36,0,37
	21.0	0.08	0.07	0.08	35,35,37	0.0	0.0	0.0	0,0,0				
	42.0	0.11	0.11	0.12	35,35,37	0.0	0.0	0.0	0,0,0				
14	0.0	0.11	0.11	0.13	35,35,37	0.0	0.0	0.0	0,0,0 1.91e-03	0.0	1.26e-03		31,0,37
	21.0	0.15	0.15	0.16	35,35,37	0.0	0.0	0.0	0,0,0				

	42.0	0.19	0.20	0.21	35,35,37	0.0	0.0	0.0	0,0,0				
15	0.0	0.05	0.08	0.06	32,32,37	0.0	0.0	0.0	0,0,0	-0.01	0.0	-0.01	32,0,37
	20.4	0.07	0.11	0.08	32,32,37	0.0	0.0	0.0	0,0,0				
	40.8	0.08	0.12	0.10	32,32,37	0.0	0.0	0.0	0,0,0				
16	0.0	0.03	0.02	0.04	31,25,37	0.0	0.0	0.0	0,0,0	-0.01	0.0	-0.01	31,0,37
	175.8	0.02	0.01	0.03	25,25,37	0.0	0.0	0.0	0,0,0				
	351.7	0.04	0.03	0.05	32,32,37	0.0	0.0	0.0	0,0,0				
17	0.0	0.13	0.17	0.15	32,32,37	0.0	0.0	0.0	0,0,0	3.07e-03	0.0	3.06e-03	31,0,37
	20.4	0.21	0.28	0.25	32,32,37	0.05	0.0	0.05	32,0,37				
	40.8	0.24	0.33	0.29	32,32,37	0.06	0.0	0.06	32,0,37				
18	0.0	0.04	0.09	0.04	31,31,37	0.0	0.0	0.0	0,0,0	-4.11e-03	0.0	-2.49e-03	31,0,37
	11.6	0.07	0.13	0.08	31,31,37	0.0	0.0	0.0	0,0,0				
	23.2	0.10	0.18	0.12	31,31,37	0.0	0.0	0.0	0,0,0				
19	0.0	0.12	0.16	0.13	31,31,37	0.0	0.0	0.0	0,0,0	-3.63e-03	0.0	-3.05e-03	35,0,37
	11.6	0.10	0.13	0.10	31,31,37	0.0	0.0	0.0	0,0,0				
	23.2	0.08	0.10	0.08	31,31,37	0.0	0.0	0.0	0,0,0				
20	0.0	0.0	0.24	0.0	0,31,0	0.06	0.0	0.0	31,0,0	-6.50e-03	0.0	-5.62e-03	32,0,37
	23.7	0.0	0.16	0.0	0,31,0	0.0	0.0	0.0	0,0,0				
	47.5	0.0	0.23	0.0	0,31,0	0.0	0.0	0.0	0,0,0				
23	0.0	0.0	0.22	0.0	0,32,0	0.0	0.0	0.0	0,0,0	3.46e-03	0.0	3.05e-03	31,0,37
	23.7	0.0	0.20	0.0	0,32,0	0.0	0.0	0.0	0,0,0				
	47.5	0.0	0.19	0.0	0,32,0	0.0	0.0	0.0	0,0,0				
32	0.0	1.11	1.49	1.26	32,32,37	0.44	0.0	0.39	32,0,37	-3.55	0.0	-3.09	31,0,37
	346.1	0.92	1.21	1.03	31,31,37	0.36	0.0	0.31	31,0,37				
	692.2	1.47	1.99	1.65	31,31,37	0.62	0.0	0.53	31,0,37				
33	0.0	1.32	1.80	1.49	31,32,37	0.55	0.0	0.48	32,0,37	-1.84	0.0	-1.63	32,0,37
	329.7	0.67	0.89	0.76	32,32,37	0.24	0.0	0.22	32,0,37				
	659.3	1.20	1.63	1.35	31,32,37	0.49	0.0	0.43	32,0,37				
34	0.0	1.36	1.86	1.53	31,31,37	0.57	0.0	0.50	31,0,37	-2.85	0.0	-2.49	31,0,37
	339.2	0.79	1.06	0.89	31,31,37	0.31	0.0	0.27	32,0,37				
	678.3	1.03	1.40	1.17	32,32,37	0.41	0.0	0.36	32,0,37				
35	0.0	0.0	0.20	0.0	0,32,0	0.0	0.0	0.0	0,0,0	5.08e-04	0.0	4.41e-04	31,0,37
	23.7	0.0	0.21	0.0	0,32,0	0.0	0.0	0.0	0,0,0				
	47.5	0.0	0.24	0.0	0,31,0	0.06	0.0	0.0	32,0,0				
36	0.0	0.22	0.12	0.28	36,35,37	0.0	0.0	0.0	0,0,0	-0.01	0.0	-0.01	36,0,37
	13.8	0.17	0.08	0.21	35,36,37	0.0	0.0	0.0	0,0,0				
	27.5	0.12	0.06	0.14	35,36,37	0.0	0.0	0.0	0,0,0				
37	0.0	0.31	0.37	0.36	31,31,37	0.07	0.0	0.06	31,0,37	-2.53	0.0	-2.23	32,0,37
	292.6	0.74	0.77	0.85	32,32,37	0.17	0.0	0.15	32,0,37				
	585.1	0.21	0.27	0.24	32,32,37	0.05	0.0	0.04	32,0,37				
38	0.0	7.27e-04	0.03	0.0	35,31,0	0.0	0.0	0.0	0,0,0	-3.07e-03	0.0	-1.68e-03	31,0,37
	11.6	0.02	0.06	0.01	31,31,37	0.0	0.0	0.0	0,0,0				
	23.2	0.04	0.09	0.04	31,31,37	0.0	0.0	0.0	0,0,0				
39	0.0	0.19	0.20	0.22	35,35,37	0.04	0.0	0.0	35,0,0	-0.02	0.0	-0.02	35,0,37
	21.0	0.22	0.24	0.25	36,35,37	0.04	0.0	0.03	35,0,37				
	42.0	0.26	0.28	0.29	36,35,37	0.05	0.0	0.04	35,0,37				
40	0.0	0.05	0.07	0.06	35,32,37	0.0	0.0	0.0	0,0,0	-0.01	0.0	-0.01	35,0,37
	15.2	0.03	0.05	0.03	35,32,37	0.0	0.0	0.0	0,0,0				
	30.4	3.45e-03	0.03	0.0	35,32,0	0.0	0.0	0.0	0,0,0				
41	0.0	0.10	0.14	0.12	32,32,37	0.0	0.0	0.0	0,0,0	0.04	0.0	0.04	32,0,37
	21.2	0.07	0.10	0.09	32,32,37	0.0	0.0	0.0	0,0,0				
	42.3	0.04	0.05	0.04	36,36,37	0.0	0.0	0.0	0,0,0				
42	0.0	0.46	0.52	0.54	32,32,37	0.11	0.0	0.11	32,0,37	-0.03	0.0	-0.02	32,0,37
	12.3	0.37	0.42	0.44	32,32,37	0.08	0.0	0.08	32,0,37				
	24.6	0.29	0.33	0.35	32,32,37	0.06	0.0	0.06	32,0,37				
43	0.0	0.15	0.23	0.17	31,32,37	0.0	0.0	0.0	0,0,0	0.02	0.0	0.02	32,0,37
	49.1	0.07	0.12	0.07	31,32,37	0.0	0.0	0.0	0,0,0				
	98.3	0.0	0.03	0.0	0,32,0	0.0	0.0	0.0	0,0,0				
44	0.0	0.11	0.12	0.15	35,35,37	0.0	0.0	0.0	0,0,0	0.05	0.0	0.04	31,0,37
	225.9	0.06	0.07	0.08	36,35,37	0.0	0.0	0.0	0,0,0				
	451.8	0.07	0.06	0.09	31,31,37	0.0	0.0	0.0	0,0,0				
45	0.0	6.29e-03	2.76e-03	8.39e-03	25,25,37	0.0	0.0	0.0	0,0,0	8.32e-03	0.0	6.87e-03	35,0,37
	21.0	7.52e-03	3.86e-03	2.17e-03	36,36,37	0.0	0.0	0.0	0,0,0				
	42.0	0.03	0.03	0.03	36,36,37	0.0	0.0	0.0	0,0,0				
46	0.0	0.07	0.08	0.09	31,25,37	0.0	0.0	0.0	0,0,0	-0.12	0.0	-0.12	31,0,37
	268.3	0.11	0.16	0.15	32,31,37	0.0	0.0	0.0	0,0,0				
	536.7	0.13	0.15	0.17	35,35,37	0.0	0.0	0.0	0,0,0				
47	0.0	0.04	0.02	0.05	31,31,37	0.0	0.0	0.0	0,0,0	-0.06	0.0	-0.06	32,0,37
	231.6	0.08	0.06	0.11	32,35,37	0.0	0.0	0.0	0,0,0				
	463.3	0.13	0.10	0.17	35,35,37	0.0	0.0	0.0	0,0,0				
49	0.0	0.07	0.08	0.08	31,31,37	0.0	0.0	0.0	0,0,0	-0.09	0.0	-0.09	31,0,37
	250.5	0.10	0.15	0.13	31,31,37	0.0	0.0	0.0	0,0,0				
	501.1	0.10	0.12	0.13	35,35,37	0.0	0.0	0.0	0,0,0				
50	0.0	0.13	0.13	0.15	32,32,37	0.0	0.0	0.0	0,0,0	-1.29	0.0	-1.20	31,0,37
	289.2	0.44	0.57	0.51	31,31,37	0.13	0.0	0.12	31,0,37				
	578.5	0.44	0.45	0.52	31,31,37	0.09	0.0	0.08	31,0,37				
51	0.0	0.12	0.16	0.14	32,32,37	0.0	0.0	0.0	0,0,0	-0.03	0.0	-0.03	32,0,37

	21.2	0.05	0.07	0.06	32,32,37	0.0	0.0	0.0	0,0,0				
	42.3	5.08e-03	3.78e-03	4.98e-03	31,31,37	0.0	0.0	0.0	0,0,0				
52	0.0	0.20	0.22	0.23	32,32,37	0.04	0.0	0.03	32,0,37	-0.18	0.0	-0.10	31,0,37
	207.2	0.21	0.29	0.23	31,31,37	0.06	0.0	0.0	31,0,0				
	414.5	0.27	0.31	0.32	32,32,37	0.05	0.0	0.05	32,0,37				
53	0.0	0.53	0.72	0.60	32,32,37	0.17	0.0	0.16	32,0,37	0.07	0.0	0.06	31,0,37
	11.6	0.47	0.63	0.53	32,32,37	0.15	0.0	0.14	32,0,37				
	23.2	0.40	0.54	0.46	32,32,37	0.12	0.0	0.11	32,0,37				
54	0.0	0.08	0.13	0.10	32,32,37	0.0	0.0	0.0	0,0,0	-5.61e-03	0.0	-4.85e-03	32,0,37
	20.4	0.09	0.14	0.11	32,32,37	0.0	0.0	0.0	0,0,0				
	40.8	0.09	0.14	0.11	32,32,37	0.0	0.0	0.0	0,0,0				
55	0.0	0.09	0.12	0.11	32,36,37	0.0	0.0	0.0	0,0,0	-0.05	0.0	-0.04	31,0,37
	191.8	0.10	0.14	0.11	31,31,37	0.0	0.0	0.0	0,0,0				
	383.5	0.18	0.23	0.22	32,32,37	0.04	0.0	0.0	32,0,0				
56	0.0	0.10	0.18	0.12	31,31,37	0.0	0.0	0.0	0,0,0	-8.27e-03	0.0	-4.84e-03	31,0,37
	11.6	0.15	0.24	0.17	31,31,37	0.0	0.0	0.0	0,0,0				
	23.2	0.20	0.31	0.23	32,31,37	0.06	0.0	0.05	31,0,37				
57	0.0	8.54e-03	0.02	8.87e-03	31,31,37	0.0	0.0	0.0	0,0,0	-0.02	0.0	-0.01	32,0,37
	20.4	0.02	0.04	0.02	31,31,37	0.0	0.0	0.0	0,0,0				
	40.8	0.05	0.07	0.06	32,32,37	0.0	0.0	0.0	0,0,0				
58	0.0	0.25	0.33	0.29	32,32,37	0.06	0.0	0.06	32,0,37	-0.03	0.0	-0.03	32,0,37
	21.2	0.21	0.28	0.25	32,32,37	0.05	0.0	0.05	32,0,37				
	42.3	0.12	0.16	0.14	32,32,37	0.0	0.0	0.0	0,0,0				
59	0.0	0.08	0.12	0.10	32,32,37	0.0	0.0	0.0	0,0,0	8.24e-03	0.0	7.24e-03	32,0,37
	20.4	0.07	0.10	0.08	32,32,37	0.0	0.0	0.0	0,0,0				
	40.8	0.04	0.07	0.05	31,32,37	0.0	0.0	0.0	0,0,0				
60	0.0	1.06	1.45	1.20	31,31,37	0.41	0.0	0.36	31,0,37	-0.05	0.0	-0.05	31,0,37
	15.8	1.03	1.40	1.16	31,31,37	0.40	0.0	0.35	31,0,37				
	31.7	0.78	1.07	0.88	31,31,37	0.29	0.0	0.25	31,0,37				
61	0.0	0.39	0.45	0.44	32,31,37	0.09	0.0	0.08	31,0,37	-2.02	0.0	-1.77	31,0,37
	274.6	0.69	0.95	0.78	31,31,37	0.26	0.0	0.23	31,0,37				
	549.2	0.87	0.97	0.98	32,32,37	0.23	0.0	0.20	32,0,37				
63	0.0	0.08	0.09	0.10	35,35,37	0.0	0.0	0.0	0,0,0	-0.03	0.0	-0.03	25,0,37
	189.1	0.05	0.06	0.07	31,25,37	0.0	0.0	0.0	0,0,0				
	378.2	0.03	0.02	0.03	31,25,37	0.0	0.0	0.0	0,0,0				
64	0.0	0.47	0.68	0.56	32,32,37	0.17	0.0	0.16	32,0,37	-0.13	0.0	-0.13	32,0,37
	12.0	0.36	0.53	0.43	32,32,37	0.12	0.0	0.11	32,0,37				
	24.0	0.25	0.38	0.29	32,32,37	0.07	0.0	0.07	32,0,37				
65	0.0	0.05	0.07	0.05	32,32,37	0.0	0.0	0.0	0,0,0	0.01	0.0	0.01	32,0,37
	20.4	0.02	0.03	0.02	31,31,37	0.0	0.0	0.0	0,0,0				
	40.8	0.03	0.04	0.03	35,36,37	0.0	0.0	0.0	0,0,0				
66	0.0	0.43	0.57	0.51	32,32,37	0.13	0.0	0.12	32,0,37	-0.59	0.0	-0.51	31,0,37
	22.3	0.38	0.50	0.45	32,32,37	0.11	0.0	0.10	32,0,37				
	44.6	0.27	0.35	0.31	32,32,37	0.07	0.0	0.06	32,0,37				
67	0.0	0.13	0.19	0.15	31,31,37	0.0	0.0	0.0	0,0,0	1.90	0.0	1.67	31,0,37
	272.7	0.60	0.81	0.68	31,31,37	0.21	0.0	0.19	31,0,37				
	545.4	1.13	1.26	1.28	31,31,37	0.31	0.0	0.27	31,0,37				
68	0.0	0.17	0.23	0.21	32,32,37	0.0	0.0	0.0	0,0,0	0.02	0.0	0.02	32,0,37
	21.2	0.16	0.22	0.20	32,32,37	0.0	0.0	0.0	0,0,0				
	42.3	0.15	0.20	0.18	32,32,37	0.0	0.0	0.0	0,0,0				
69	0.0	0.31	0.41	0.35	32,32,37	0.08	0.0	0.08	32,0,37	0.02	0.0	0.02	31,0,37
	11.6	0.27	0.36	0.31	32,32,37	0.07	0.0	0.06	32,0,37				
	23.2	0.24	0.31	0.27	32,32,37	0.06	0.0	0.05	32,0,37				
70	0.0	0.09	0.08	0.11	32,32,37	0.0	0.0	0.0	0,0,0	-0.09	0.0	-0.09	31,0,37
	268.3	0.07	0.06	0.09	31,32,37	0.0	0.0	0.0	0,0,0				
	536.7	0.08	0.07	0.11	25,35,37	0.0	0.0	0.0	0,0,0				
71	0.0	0.24	0.27	0.28	31,31,37	0.05	0.0	0.04	31,0,37	-2.49	0.0	-2.30	31,0,37
	300.0	0.64	0.88	0.74	31,32,37	0.25	0.0	0.23	32,0,37				
	599.9	0.25	0.28	0.29	32,32,37	0.05	0.0	0.05	32,0,37				
72	0.0	0.24	0.31	0.27	32,32,37	0.06	0.0	0.05	32,0,37	7.22e-03	0.0	3.56e-03	31,0,37
	11.6	0.21	0.27	0.23	32,32,37	0.05	0.0	0.0	32,0,0				
	23.2	0.18	0.23	0.20	32,32,37	0.0	0.0	0.0	0,0,0				
73	0.0	0.38	0.45	0.44	31,32,37	0.09	0.0	0.09	32,0,37	0.05	0.0	0.04	31,0,37
	95.6	0.13	0.13	0.15	32,32,37	0.0	0.0	0.0	0,0,0				
	191.2	4.62e-03	2.76e-03	5.68e-03	31,31,37	0.0	0.0	0.0	0,0,0				
74	0.0	4.50e-03	3.11e-03	4.34e-03	31,31,37	0.0	0.0	0.0	0,0,0	-0.03	0.0	-0.03	32,0,37
	21.2	0.05	0.07	0.06	32,32,37	0.0	0.0	0.0	0,0,0				
	42.3	0.09	0.12	0.11	32,32,37	0.0	0.0	0.0	0,0,0				
75	0.0	0.03	0.03	0.03	36,36,37	0.0	0.0	0.0	0,0,0	0.01	0.0	8.48e-03	36,0,37
	21.0	0.03	0.03	0.04	36,36,37	0.0	0.0	0.0	0,0,0				
	42.0	0.03	0.03	0.04	32,36,37	0.0	0.0	0.0	0,0,0				
76	0.0	0.24	0.23	0.28	31,32,37	0.04	0.0	0.03	32,0,37	-1.04	0.0	-0.96	32,0,37
	307.3	0.40	0.43	0.46	31,32,37	0.08	0.0	0.08	32,0,37				
	614.5	0.75	0.86	0.87	32,32,37	0.21	0.0	0.19	32,0,37				
77	0.0	0.0	0.15	0.0	0,32,0	0.0	0.0	0.0	0,0,0	8.65e-03	0.0	7.64e-03	32,0,37
	23.7	0.0	0.10	0.0	0,32,0	0.0	0.0	0.0	0,0,0				
	47.5	0.0	0.16	0.0	0,32,0	0.0	0.0	0.0	0,0,0				

78	0.0	0.58	0.68	0.67	31,31,37	0.16	0.0	0.15	31,0,37	-0.65	0.0	-0.63	31,0,37
	277.3	0.34	0.47	0.40	31,32,37	0.10	0.0	0.10	32,0,37				
	554.5	0.32	0.37	0.37	32,32,37	0.07	0.0	0.07	32,0,37				
81	0.0	0.47	0.68	0.54	32,32,37	0.17	0.0	0.16	32,0,37	-0.31	0.0	-0.28	32,0,37
	234.4	0.23	0.36	0.27	32,32,37	0.07	0.0	0.07	32,0,37				
	468.9	0.23	0.36	0.27	31,32,37	0.07	0.0	0.07	32,0,37				
82	0.0	0.44	0.71	0.51	32,32,37	0.18	0.0	0.17	32,0,37	-1.53	0.0	-1.39	31,0,37
	307.3	0.44	0.72	0.51	31,31,37	0.19	0.0	0.17	31,0,37				
	614.5	0.85	1.27	0.98	31,31,37	0.37	0.0	0.33	31,0,37				
83	0.0	0.27	0.29	0.30	36,35,37	0.05	0.0	0.05	35,0,37	-0.06	0.0	-0.05	35,0,37
	21.0	0.23	0.25	0.26	36,35,37	0.04	0.0	0.04	35,0,37				
	42.0	0.21	0.23	0.25	36,35,37	0.04	0.0	0.0	35,0,0				
84	0.0	0.02	0.03	0.03	35,35,37	0.0	0.0	0.0	0,0,0	9.91e-03	0.0	8.48e-03	31,0,37
	20.4	0.07	0.10	0.08	32,32,37	0.0	0.0	0.0	0,0,0				
	40.8	0.13	0.18	0.15	32,32,37	0.0	0.0	0.0	0,0,0				
85	0.0	0.03	0.03	0.04	32,35,37	0.0	0.0	0.0	0,0,0	0.01	0.0	0.01	36,0,37
	21.0	0.02	0.01	0.03	31,31,37	0.0	0.0	0.0	0,0,0				
	42.0	0.01	6.54e-03	0.01	31,31,37	0.0	0.0	0.0	0,0,0				
86	0.0	0.09	0.12	0.11	32,32,37	0.0	0.0	0.0	0,0,0	-0.02	0.0	-0.02	32,0,37
	21.2	0.12	0.17	0.15	32,32,37	0.0	0.0	0.0	0,0,0				
	42.3	0.15	0.20	0.17	32,32,37	0.0	0.0	0.0	0,0,0				
87	0.0	0.18	0.23	0.20	32,31,37	0.0	0.0	0.0	0,0,0	-1.24e-03	0.0	-6.25e-04	35,0,37
	11.6	0.15	0.19	0.16	31,31,37	0.0	0.0	0.0	0,0,0				
	23.2	0.12	0.16	0.13	31,31,37	0.0	0.0	0.0	0,0,0				
88	0.0	0.15	0.20	0.17	32,32,37	0.0	0.0	0.0	0,0,0	-0.01	0.0	-9.29e-03	32,0,37
	21.2	0.16	0.22	0.20	32,32,37	0.0	0.0	0.0	0,0,0				
	42.3	0.17	0.23	0.21	32,32,37	0.0	0.0	0.0	0,0,0				
89	0.0	0.03	0.05	0.03	31,31,37	0.0	0.0	0.0	0,0,0	-5.70e-03	0.0	-4.94e-03	32,0,37
	11.6	0.02	0.02	9.68e-03	31,31,37	0.0	0.0	0.0	0,0,0				
	23.2	0.01	0.01	5.23e-03	35,35,37	0.0	0.0	0.0	0,0,0				
90	0.0	0.07	0.10	0.08	31,31,37	0.0	0.0	0.0	0,0,0	-5.05e-03	0.0	-4.43e-03	36,0,37
	11.6	0.05	0.07	0.05	31,31,37	0.0	0.0	0.0	0,0,0				
	23.2	0.04	0.05	0.03	31,31,37	0.0	0.0	0.0	0,0,0				
91	0.0	0.03	0.02	0.03	35,35,37	0.0	0.0	0.0	0,0,0	0.09	0.0	0.07	31,0,37
	16.6	0.06	0.06	0.07	35,35,37	0.0	0.0	0.0	0,0,0				
	33.1	0.10	0.11	0.11	36,35,37	0.0	0.0	0.0	0,0,0				
92	0.0	0.10	0.11	0.11	36,35,37	0.0	0.0	0.0	0,0,0	0.09	0.0	0.07	31,0,37
	16.6	0.14	0.16	0.15	36,36,37	0.0	0.0	0.0	0,0,0				
	33.1	0.18	0.22	0.20	36,36,37	0.0	0.0	0.0	0,0,0				
93	0.0	0.01	0.02	7.14e-03	35,35,37	0.0	0.0	0.0	0,0,0	-5.67e-03	0.0	-4.78e-03	32,0,37
	11.6	0.02	0.03	0.02	35,35,37	0.0	0.0	0.0	0,0,0				
	23.2	0.03	0.04	0.03	35,35,37	0.0	0.0	0.0	0,0,0				
94	0.0	0.18	0.22	0.20	36,36,37	0.0	0.0	0.0	0,0,0	0.09	0.0	0.07	31,0,37
	16.6	0.22	0.27	0.25	36,36,37	0.05	0.0	0.0	36,0,0				
	33.1	0.26	0.33	0.30	36,36,37	0.06	0.0	0.06	36,0,37				
95	0.0	0.26	0.33	0.30	36,36,37	0.06	0.0	0.06	36,0,37	0.09	0.0	0.07	31,0,37
	16.6	0.30	0.39	0.36	36,36,37	0.07	0.0	0.07	36,0,37				
	33.1	0.32	0.41	0.37	36,36,37	0.08	0.0	0.08	36,0,37				
96	0.0	0.77	1.07	0.87	31,31,37	0.29	0.0	0.25	31,0,37	-0.15	0.0	-0.13	31,0,37
	15.8	0.64	0.89	0.72	31,31,37	0.23	0.0	0.21	31,0,37				
	31.7	0.52	0.73	0.58	31,31,37	0.18	0.0	0.16	31,0,37				
97	0.0	0.52	0.75	0.59	31,31,37	0.19	0.0	0.17	31,0,37	-0.20	0.0	-0.18	31,0,37
	15.8	0.46	0.67	0.52	31,31,37	0.16	0.0	0.15	31,0,37				
	31.7	0.41	0.60	0.46	31,31,37	0.14	0.0	0.13	31,0,37				
98	0.0	0.42	0.65	0.47	31,32,37	0.15	0.0	0.14	32,0,37	-0.25	0.0	-0.22	31,0,37
	15.8	0.38	0.59	0.43	32,32,37	0.14	0.0	0.13	32,0,37				
	31.7	0.35	0.55	0.39	32,32,37	0.12	0.0	0.11	32,0,37				
99	0.0	0.03	0.05	0.03	35,35,37	0.0	0.0	0.0	0,0,0	-5.09e-03	0.0	-4.15e-03	32,0,37
	11.6	0.04	0.06	0.04	35,35,37	0.0	0.0	0.0	0,0,0				
	23.2	0.04	0.06	0.04	35,35,37	0.0	0.0	0.0	0,0,0				
100	0.0	0.40	0.54	0.46	32,32,37	0.12	0.0	0.11	32,0,37	0.04	0.0	0.03	31,0,37
	11.6	0.35	0.47	0.40	32,32,37	0.10	0.0	0.09	32,0,37				
	23.2	0.31	0.41	0.35	32,32,37	0.08	0.0	0.08	32,0,37				
101	0.0	0.09	0.14	0.11	32,32,37	0.0	0.0	0.0	0,0,0	1.78e-03	0.0	1.61e-03	32,0,37
	20.4	0.09	0.14	0.11	32,32,37	0.0	0.0	0.0	0,0,0				
	40.8	0.08	0.12	0.09	32,32,37	0.0	0.0	0.0	0,0,0				
102	0.0	2.91e-03	1.78e-03	3.00e-03	32,32,37	0.0	0.0	0.0	0,0,0	3.95e-03	0.0	3.28e-03	31,0,37
	72.0	7.87e-03	3.87e-03	8.57e-03	32,32,37	0.0	0.0	0.0	0,0,0				
	144.1	0.03	0.01	0.03	32,31,37	0.0	0.0	0.0	0,0,0				
103	0.0	4.96e-03	0.01	5.28e-03	31,31,37	0.0	0.0	0.0	0,0,0	-6.85e-03	0.0	-6.30e-03	35,0,37
	7.6	0.01	0.03	0.02	32,31,37	0.0	0.0	0.0	0,0,0				
	15.2	0.02	0.04	0.03	32,31,37	0.0	0.0	0.0	0,0,0				
104	0.0	0.05	0.05	0.06	36,36,37	0.0	0.0	0.0	0,0,0	-0.01	0.0	-0.01	35,0,37
	15.2	0.06	0.06	0.07	36,35,37	0.0	0.0	0.0	0,0,0				
	30.4	0.07	0.08	0.08	35,35,37	0.0	0.0	0.0	0,0,0				
105	0.0	0.08	0.07	0.09	35,35,37	0.0	0.0	0.0	0,0,0	-3.77e-03	0.0	-3.42e-03	35,0,37
	7.6	0.08	0.08	0.10	35,35,37	0.0	0.0	0.0	0,0,0				

	15.2	0.08	0.08	0.10	35,35,37	0.0	0.0	0.0	0,0,0			
106	0.0	0.09	0.07	0.11	35,35,37	0.0	0.0	0.0	0,0,0	-1.51e-03	0.0	-1.31e-03 35,0,37
	15.2	0.09	0.08	0.11	35,35,37	0.0	0.0	0.0	0,0,0			
	30.4	0.09	0.08	0.11	35,35,37	0.0	0.0	0.0	0,0,0			
107	0.0	0.08	0.05	0.10	35,35,37	0.0	0.0	0.0	0,0,0	1.40e-03	0.0	1.30e-03 36,0,37
	7.6	0.08	0.05	0.10	35,35,37	0.0	0.0	0.0	0,0,0			
	15.2	0.08	0.05	0.09	35,35,37	0.0	0.0	0.0	0,0,0			
108	0.0	0.06	0.03	0.07	35,35,37	0.0	0.0	0.0	0,0,0	7.47e-03	0.0	6.82e-03 35,0,37
	15.2	0.05	0.02	0.06	35,35,37	0.0	0.0	0.0	0,0,0			
	30.4	0.04	0.02	0.05	35,36,37	0.0	0.0	0.0	0,0,0			
109	0.0	0.03	0.02	0.04	36,32,37	0.0	0.0	0.0	0,0,0	4.44e-03	0.0	3.96e-03 35,0,37
	7.6	0.03	0.02	0.04	36,32,37	0.0	0.0	0.0	0,0,0			
	15.2	0.03	0.02	0.03	32,32,37	0.0	0.0	0.0	0,0,0			
110	0.0	0.05	0.03	0.05	31,31,37	0.0	0.0	0.0	0,0,0	8.93e-03	0.0	7.96e-03 35,0,37
	15.2	0.06	0.03	0.07	32,32,37	0.0	0.0	0.0	0,0,0			
	30.4	0.08	0.04	0.09	32,32,37	0.0	0.0	0.0	0,0,0			
111	0.0	0.11	0.05	0.13	32,32,37	0.0	0.0	0.0	0,0,0	2.44e-03	0.0	2.04e-03 35,0,37
	7.6	0.13	0.06	0.15	32,35,37	0.0	0.0	0.0	0,0,0			
	15.2	0.14	0.08	0.18	32,35,37	0.0	0.0	0.0	0,0,0			
112	0.0	0.18	0.20	0.21	32,32,37	0.0	0.0	0.0	0,0,0	-0.03	0.0	-0.02 32,0,37
	12.3	0.13	0.15	0.16	32,32,37	0.0	0.0	0.0	0,0,0			
	24.6	0.09	0.09	0.11	32,32,37	0.0	0.0	0.0	0,0,0			
113	0.0	0.02	8.30e-03	0.02	31,32,37	0.0	0.0	0.0	0,0,0	-0.03	0.0	-0.03 32,0,37
	12.3	0.02	7.73e-03	0.02	36,36,37	0.0	0.0	0.0	0,0,0			
	24.6	0.05	0.05	0.06	32,32,37	0.0	0.0	0.0	0,0,0			
114	0.0	0.11	0.12	0.13	32,32,37	0.0	0.0	0.0	0,0,0	-0.02	0.0	-0.02 32,0,37
	12.3	0.13	0.16	0.16	32,32,37	0.0	0.0	0.0	0,0,0			
	24.6	0.15	0.19	0.18	32,32,37	0.0	0.0	0.0	0,0,0			
115	0.0	0.19	0.24	0.23	32,32,37	0.0	0.0	0.0	0,0,0	-0.02	0.0	-0.01 32,0,37
	12.3	0.21	0.27	0.24	32,32,37	0.06	0.0	0.0	32,0,0			
	24.6	0.22	0.28	0.26	32,32,37	0.06	0.0	0.0	32,0,0			
116	0.0	0.24	0.31	0.28	32,32,37	0.07	0.0	0.06	32,0,37	-6.22e-03	0.0	-6.37e-03 32,0,37
	12.3	0.24	0.32	0.29	32,32,37	0.07	0.0	0.06	32,0,37			
	24.6	0.25	0.33	0.29	32,32,37	0.07	0.0	0.06	32,0,37			
117	0.0	0.25	0.33	0.30	32,32,37	0.07	0.0	0.06	32,0,37	0.02	0.0	0.02 32,0,37
	12.3	0.25	0.32	0.29	32,32,37	0.07	0.0	0.06	32,0,37			
	24.6	0.24	0.32	0.29	32,32,37	0.07	0.0	0.06	32,0,37			
118	0.0	0.22	0.30	0.26	32,32,37	0.06	0.0	0.06	32,0,37	0.04	0.0	0.02 32,0,37
	12.3	0.21	0.28	0.25	32,32,37	0.06	0.0	0.0	32,0,0			
	24.6	0.20	0.26	0.23	32,32,37	0.0	0.0	0.0	0,0,0			
119	0.0	0.16	0.21	0.19	32,32,37	0.0	0.0	0.0	0,0,0	0.03	0.0	0.03 32,0,37
	12.3	0.14	0.18	0.16	32,32,37	0.0	0.0	0.0	0,0,0			
	24.6	0.11	0.14	0.13	32,32,37	0.0	0.0	0.0	0,0,0			
120	0.0	0.05	0.06	0.06	32,32,37	0.0	0.0	0.0	0,0,0	0.04	0.0	0.03 32,0,37
	12.3	0.01	7.50e-03	0.02	32,32,37	0.0	0.0	0.0	0,0,0			
	24.6	0.03	0.02	0.03	32,32,37	0.0	0.0	0.0	0,0,0			
121	0.0	0.09	0.15	0.10	32,32,37	0.0	0.0	0.0	0,0,0	-0.07	0.0	-0.06 32,0,37
	12.0	0.03	0.08	0.04	32,32,37	0.0	0.0	0.0	0,0,0			
	24.0	5.14e-03	0.05	5.95e-03	36,32,37	0.0	0.0	0.0	0,0,0			
122	0.0	0.10	0.16	0.12	32,32,37	0.0	0.0	0.0	0,0,0	-0.06	0.0	-0.06 32,0,37
	12.0	0.14	0.21	0.16	32,32,37	0.0	0.0	0.0	0,0,0			
	24.0	0.17	0.26	0.20	32,32,37	0.05	0.0	0.0	32,0,0			
123	0.0	0.23	0.34	0.27	32,32,37	0.07	0.0	0.06	32,0,37	-0.11	0.0	-0.10 32,0,37
	12.0	0.26	0.37	0.31	32,32,37	0.07	0.0	0.07	32,0,37			
	24.0	0.28	0.41	0.33	32,32,37	0.08	0.0	0.08	32,0,37			
124	0.0	0.32	0.46	0.38	32,32,37	0.09	0.0	0.09	32,0,37	-0.08	0.0	-0.08 32,0,37
	12.0	0.34	0.48	0.40	32,32,37	0.10	0.0	0.10	32,0,37			
	24.0	0.36	0.50	0.42	32,32,37	0.11	0.0	0.11	32,0,37			
125	0.0	0.38	0.53	0.45	32,32,37	0.12	0.0	0.11	32,0,37	-0.04	0.0	-0.03 32,0,37
	12.0	0.39	0.54	0.46	32,32,37	0.12	0.0	0.12	32,0,37			
	24.0	0.39	0.55	0.46	32,32,37	0.12	0.0	0.12	32,0,37			
126	0.0	0.40	0.55	0.47	32,32,37	0.12	0.0	0.12	32,0,37	0.01	0.0	0.01 32,0,37
	12.0	0.39	0.55	0.46	32,32,37	0.12	0.0	0.12	32,0,37			
	24.0	0.39	0.54	0.46	32,32,37	0.12	0.0	0.12	32,0,37			
127	0.0	0.37	0.52	0.44	32,32,37	0.11	0.0	0.11	32,0,37	0.06	0.0	0.06 32,0,37
	12.0	0.36	0.51	0.43	32,32,37	0.11	0.0	0.11	32,0,37			
	24.0	0.35	0.49	0.41	32,32,37	0.10	0.0	0.10	32,0,37			
128	0.0	0.32	0.44	0.37	32,32,37	0.09	0.0	0.09	32,0,37	0.09	0.0	0.09 32,0,37
	12.0	0.30	0.41	0.35	32,32,37	0.08	0.0	0.08	32,0,37			
	24.0	0.27	0.38	0.32	32,32,37	0.07	0.0	0.07	32,0,37			
129	0.0	0.22	0.31	0.26	32,32,37	0.06	0.0	0.05	32,0,37	0.09	0.0	0.06 32,0,37
	12.0	0.19	0.27	0.22	32,32,37	0.05	0.0	0.0	32,0,0			
	24.0	0.16	0.22	0.18	32,32,37	0.0	0.0	0.0	0,0,0			
130	0.0	0.09	0.12	0.10	32,32,37	0.0	0.0	0.0	0,0,0	0.06	0.0	0.06 32,0,37
	12.0	0.05	0.07	0.05	31,31,37	0.0	0.0	0.0	0,0,0			
	24.0	5.99e-03	0.01	4.42e-03	31,31,37	0.0	0.0	0.0	0,0,0			
131	0.0	0.08	0.12	0.10	36,32,37	0.0	0.0	0.0	0,0,0	0.06	0.0	0.06 32,0,37

	12.0	0.13	0.18	0.15	32,32,37	0.0	0.0	0.0	0,0,0				
	24.0	0.18	0.25	0.21	32,32,37	0.05	0.0	0.0	32,0,0				
132	0.0	0.08	0.04	0.09	32,32,37	0.0	0.0	0.0	0,0,0	-0.02	0.0	-0.02	36,0,37
	13.8	0.07	0.04	0.08	32,32,37	0.0	0.0	0.0	0,0,0				
	27.5	0.06	0.03	0.07	32,32,37	0.0	0.0	0.0	0,0,0				
133	0.0	0.05	0.03	0.05	32,32,37	0.0	0.0	0.0	0,0,0	-0.02	0.0	-0.01	36,0,37
	13.8	0.06	0.03	0.07	32,32,37	0.0	0.0	0.0	0,0,0				
	27.5	0.06	0.03	0.08	32,32,37	0.0	0.0	0.0	0,0,0				
134	0.0	0.08	0.04	0.10	36,32,37	0.0	0.0	0.0	0,0,0	-0.01	0.0	-0.01	36,0,37
	13.8	0.09	0.04	0.11	36,32,37	0.0	0.0	0.0	0,0,0				
	27.5	0.10	0.05	0.12	36,36,37	0.0	0.0	0.0	0,0,0				
135	0.0	0.12	0.06	0.14	35,35,37	0.0	0.0	0.0	0,0,0	-5.80e-03	0.0	-5.36e-03	35,0,37
	13.8	0.12	0.07	0.15	35,35,37	0.0	0.0	0.0	0,0,0				
	27.5	0.13	0.08	0.16	36,35,37	0.0	0.0	0.0	0,0,0				
136	0.0	0.13	0.10	0.17	36,35,37	0.0	0.0	0.0	0,0,0	2.76e-03	0.0	2.54e-03	36,0,37
	13.8	0.13	0.10	0.16	36,35,37	0.0	0.0	0.0	0,0,0				
	27.5	0.13	0.10	0.16	36,35,37	0.0	0.0	0.0	0,0,0				
137	0.0	0.12	0.11	0.15	36,35,37	0.0	0.0	0.0	0,0,0	0.01	0.0	0.01	36,0,37
	13.8	0.12	0.10	0.14	36,35,37	0.0	0.0	0.0	0,0,0				
	27.5	0.11	0.09	0.13	36,35,37	0.0	0.0	0.0	0,0,0				
138	0.0	0.08	0.08	0.10	36,35,37	0.0	0.0	0.0	0,0,0	0.02	0.0	0.02	36,0,37
	13.8	0.07	0.06	0.09	36,35,37	0.0	0.0	0.0	0,0,0				
	27.5	0.05	0.04	0.07	36,35,37	0.0	0.0	0.0	0,0,0				
139	0.0	0.02	0.01	0.02	32,31,37	0.0	0.0	0.0	0,0,0	0.02	0.0	0.02	36,0,37
	13.8	7.84e-03	3.84e-03	9.05e-03	35,35,37	0.0	0.0	0.0	0,0,0				
	27.5	0.03	0.03	0.04	35,32,37	0.0	0.0	0.0	0,0,0				
140	0.0	0.09	0.12	0.10	35,32,37	0.0	0.0	0.0	0,0,0	0.02	0.0	0.01	36,0,37
	13.8	0.13	0.17	0.16	35,36,37	0.0	0.0	0.0	0,0,0				
	27.5	0.17	0.22	0.21	36,36,37	0.0	0.0	0.0	0,0,0				
141	0.0	0.12	0.06	0.14	35,36,37	0.0	0.0	0.0	0,0,0	-0.02	0.0	-0.01	36,0,37
	13.8	0.10	0.05	0.12	36,32,37	0.0	0.0	0.0	0,0,0				
	27.5	0.08	0.04	0.10	32,32,37	0.0	0.0	0.0	0,0,0				
142	0.0	0.01	0.02	0.01	35,32,37	0.0	0.0	0.0	0,0,0	-6.82e-03	0.0	-6.18e-03	35,0,37
	7.6	2.25e-03	0.01	0.0	35,31,0	0.0	0.0	0.0	0,0,0				
	15.2	4.00e-03	0.02	5.12e-03	34,31,37	0.0	0.0	0.0	0,0,0				
143	0.0	0.29	0.33	0.34	32,32,37	0.06	0.0	0.06	32,0,37	-0.04	0.0	-0.03	32,0,37
	12.3	0.23	0.26	0.28	32,32,37	0.05	0.0	0.04	32,0,37				
	24.6	0.18	0.20	0.21	32,32,37	0.0	0.0	0.0	0,0,0				
144	0.0	0.24	0.37	0.29	32,32,37	0.07	0.0	0.07	32,0,37	-0.10	0.0	-0.08	32,0,37
	12.0	0.16	0.26	0.19	32,32,37	0.05	0.0	0.0	32,0,0				
	24.0	0.09	0.16	0.11	32,32,37	0.0	0.0	0.0	0,0,0				
145	0.0	0.02	0.02	0.02	32,31,37	0.0	0.0	0.0	0,0,0	-0.01	0.0	-0.01	35,0,37
	15.2	0.03	0.04	0.04	36,32,37	0.0	0.0	0.0	0,0,0				
	30.4	0.05	0.06	0.06	36,32,37	0.0	0.0	0.0	0,0,0				
146	0.0	0.07	0.07	0.08	35,35,37	0.0	0.0	0.0	0,0,0	-4.53e-03	0.0	-4.12e-03	35,0,37
	7.6	0.07	0.07	0.09	35,35,37	0.0	0.0	0.0	0,0,0				
	15.2	0.08	0.08	0.09	35,35,37	0.0	0.0	0.0	0,0,0				
147	0.0	0.08	0.07	0.10	35,35,37	0.0	0.0	0.0	0,0,0	-5.03e-03	0.0	-4.53e-03	35,0,37
	15.2	0.09	0.08	0.11	35,35,37	0.0	0.0	0.0	0,0,0				
	30.4	0.09	0.09	0.11	35,35,37	0.0	0.0	0.0	0,0,0				
148	0.0	0.09	0.06	0.10	35,35,37	0.0	0.0	0.0	0,0,0	6.07e-04	0.0	5.43e-04	32,0,37
	7.6	0.09	0.06	0.10	35,35,37	0.0	0.0	0.0	0,0,0				
	15.2	0.08	0.06	0.10	35,35,37	0.0	0.0	0.0	0,0,0				
149	0.0	0.08	0.04	0.09	35,35,37	0.0	0.0	0.0	0,0,0	5.05e-03	0.0	4.65e-03	35,0,37
	15.2	0.07	0.04	0.08	35,35,37	0.0	0.0	0.0	0,0,0				
	30.4	0.06	0.03	0.08	35,35,37	0.0	0.0	0.0	0,0,0				
150	0.0	0.04	0.02	0.05	36,32,37	0.0	0.0	0.0	0,0,0	4.33e-03	0.0	3.92e-03	35,0,37
	7.6	0.04	0.02	0.05	36,32,37	0.0	0.0	0.0	0,0,0				
	15.2	0.03	0.02	0.04	36,32,37	0.0	0.0	0.0	0,0,0				
151	0.0	0.02	0.02	0.03	32,32,37	0.0	0.0	0.0	0,0,0	0.01	0.0	9.99e-03	35,0,37
	15.2	0.03	0.02	0.03	31,31,37	0.0	0.0	0.0	0,0,0				
	30.4	0.04	0.02	0.05	31,31,37	0.0	0.0	0.0	0,0,0				
152	0.0	0.08	0.04	0.10	32,32,37	0.0	0.0	0.0	0,0,0	3.46e-03	0.0	3.01e-03	35,0,37
	7.6	0.09	0.04	0.11	32,32,37	0.0	0.0	0.0	0,0,0				
	15.2	0.11	0.05	0.13	32,32,37	0.0	0.0	0.0	0,0,0				
153	0.0	0.15	0.09	0.18	32,35,37	0.0	0.0	0.0	0,0,0	-1.73e-03	0.0	1.06e-03	31,0,37
	15.2	0.21	0.15	0.25	32,35,37	0.0	0.0	0.0	0,0,0				
	30.4	0.27	0.21	0.32	32,36,37	0.04	0.0	0.03	36,0,37				
154	0.0	0.09	0.09	0.11	32,32,37	0.0	0.0	0.0	0,0,0	-0.03	0.0	-0.03	32,0,37
	12.3	0.05	0.05	0.06	32,31,37	0.0	0.0	0.0	0,0,0				
	24.6	0.02	9.34e-03	0.02	31,31,37	0.0	0.0	0.0	0,0,0				
155	0.0	0.05	0.05	0.06	32,32,37	0.0	0.0	0.0	0,0,0	-0.03	0.0	-0.02	32,0,37
	12.3	0.08	0.09	0.09	32,32,37	0.0	0.0	0.0	0,0,0				
	24.6	0.11	0.13	0.13	32,32,37	0.0	0.0	0.0	0,0,0				
156	0.0	0.15	0.19	0.18	32,32,37	0.0	0.0	0.0	0,0,0	-0.02	0.0	-0.02	32,0,37
	12.3	0.17	0.22	0.21	32,32,37	0.0	0.0	0.0	0,0,0				
	24.6	0.19	0.24	0.23	32,32,37	0.0	0.0	0.0	0,0,0				

157	0.0	0.22	0.28	0.26	32,32,37	0.06	0.0	0.0	32,0,0	-0.02	0.0	-0.02	32,0,37
	12.3	0.23	0.30	0.27	32,32,37	0.06	0.0	0.06	32,0,37				
	24.6	0.24	0.31	0.28	32,32,37	0.07	0.0	0.06	32,0,37				
158	0.0	0.25	0.33	0.29	32,32,37	0.07	0.0	0.06	32,0,37	6.22e-03	0.0	6.49e-03	32,0,37
	12.3	0.25	0.33	0.30	32,32,37	0.07	0.0	0.06	32,0,37				
	24.6	0.25	0.33	0.30	32,32,37	0.07	0.0	0.06	32,0,37				
159	0.0	0.24	0.32	0.28	32,32,37	0.07	0.0	0.06	32,0,37	0.03	0.0	0.03	32,0,37
	12.3	0.23	0.31	0.28	32,32,37	0.06	0.0	0.06	32,0,37				
	24.6	0.22	0.29	0.26	32,32,37	0.06	0.0	0.0	32,0,0				
160	0.0	0.19	0.26	0.23	32,32,37	0.0	0.0	0.0	0,0,0	0.03	0.0	0.02	32,0,37
	12.3	0.18	0.24	0.21	32,32,37	0.0	0.0	0.0	0,0,0				
	24.6	0.16	0.21	0.19	32,32,37	0.0	0.0	0.0	0,0,0				
161	0.0	0.11	0.15	0.13	32,32,37	0.0	0.0	0.0	0,0,0	0.03	0.0	0.03	32,0,37
	12.3	0.08	0.11	0.10	32,32,37	0.0	0.0	0.0	0,0,0				
	24.6	0.05	0.06	0.06	32,32,37	0.0	0.0	0.0	0,0,0				
162	0.0	0.03	0.03	0.04	32,32,37	0.0	0.0	0.0	0,0,0	0.04	0.0	0.03	32,0,37
	12.3	0.08	0.09	0.10	32,32,37	0.0	0.0	0.0	0,0,0				
	24.6	0.14	0.16	0.17	32,32,37	0.0	0.0	0.0	0,0,0				
163	0.0	9.34e-03	0.04	0.01	36,32,37	0.0	0.0	0.0	0,0,0	-0.07	0.0	-0.06	32,0,37
	12.0	0.06	0.10	0.07	32,32,37	0.0	0.0	0.0	0,0,0				
	24.0	0.10	0.16	0.12	32,32,37	0.0	0.0	0.0	0,0,0				
164	0.0	0.17	0.25	0.20	32,32,37	0.0	0.0	0.0	0,0,0	-0.11	0.0	-0.10	32,0,37
	12.0	0.20	0.30	0.24	32,32,37	0.06	0.0	0.05	32,0,37				
	24.0	0.23	0.34	0.27	32,32,37	0.07	0.0	0.06	32,0,37				
165	0.0	0.28	0.40	0.33	32,32,37	0.08	0.0	0.08	32,0,37	-0.10	0.0	-0.09	32,0,37
	12.0	0.31	0.43	0.36	32,32,37	0.09	0.0	0.09	32,0,37				
	24.0	0.32	0.46	0.38	32,32,37	0.09	0.0	0.09	32,0,37				
166	0.0	0.36	0.50	0.42	32,32,37	0.11	0.0	0.11	32,0,37	-0.06	0.0	-0.06	32,0,37
	12.0	0.37	0.52	0.43	32,32,37	0.11	0.0	0.11	32,0,37				
	24.0	0.38	0.53	0.45	32,32,37	0.12	0.0	0.11	32,0,37				
167	0.0	0.39	0.55	0.46	32,32,37	0.12	0.0	0.12	32,0,37	-0.01	0.0	-0.01	32,0,37
	12.0	0.39	0.55	0.47	32,32,37	0.12	0.0	0.12	32,0,37				
	24.0	0.39	0.55	0.47	32,32,37	0.12	0.0	0.12	32,0,37				
168	0.0	0.39	0.54	0.46	32,32,37	0.12	0.0	0.12	32,0,37	0.04	0.0	0.04	32,0,37
	12.0	0.38	0.53	0.45	32,32,37	0.12	0.0	0.12	32,0,37				
	24.0	0.37	0.52	0.44	32,32,37	0.11	0.0	0.11	32,0,37				
169	0.0	0.35	0.49	0.41	32,32,37	0.10	0.0	0.10	32,0,37	0.08	0.0	0.08	32,0,37
	12.0	0.33	0.47	0.39	32,32,37	0.09	0.0	0.10	32,0,37				
	24.0	0.32	0.44	0.37	32,32,37	0.09	0.0	0.09	32,0,37				
170	0.0	0.27	0.38	0.32	32,32,37	0.07	0.0	0.07	32,0,37	0.10	0.0	0.10	32,0,37
	12.0	0.25	0.34	0.29	32,32,37	0.07	0.0	0.06	32,0,37				
	24.0	0.22	0.31	0.26	32,32,37	0.06	0.0	0.05	32,0,37				
171	0.0	0.16	0.22	0.19	32,32,37	0.0	0.0	0.0	0,0,0	0.06	0.0	0.05	32,0,37
	12.0	0.12	0.17	0.14	32,32,37	0.0	0.0	0.0	0,0,0				
	24.0	0.09	0.12	0.10	32,32,37	0.0	0.0	0.0	0,0,0				
172	0.0	7.11e-03	0.01	5.70e-03	31,31,37	0.0	0.0	0.0	0,0,0	0.06	0.0	0.06	32,0,37
	12.0	0.04	0.06	0.04	36,36,37	0.0	0.0	0.0	0,0,0				
	24.0	0.08	0.12	0.10	36,32,37	0.0	0.0	0.0	0,0,0				
173	0.0	0.18	0.25	0.21	32,32,37	0.0	0.0	0.0	0,0,0	0.11	0.0	0.11	32,0,37
	12.0	0.23	0.32	0.28	32,32,37	0.06	0.0	0.06	32,0,37				
	24.0	0.29	0.40	0.35	32,32,37	0.08	0.0	0.08	32,0,37				
174	0.0	0.05	0.03	0.06	32,32,37	0.0	0.0	0.0	0,0,0	-0.03	0.0	-0.03	36,0,37
	13.8	0.04	0.03	0.05	32,32,37	0.0	0.0	0.0	0,0,0				
	27.5	0.05	0.03	0.06	32,31,37	0.0	0.0	0.0	0,0,0				
175	0.0	0.06	0.03	0.07	32,32,37	0.0	0.0	0.0	0,0,0	-0.02	0.0	-0.01	36,0,37
	13.8	0.07	0.04	0.09	32,32,37	0.0	0.0	0.0	0,0,0				
	27.5	0.08	0.04	0.10	32,32,37	0.0	0.0	0.0	0,0,0				
176	0.0	0.10	0.05	0.12	35,36,37	0.0	0.0	0.0	0,0,0	-9.59e-03	0.0	-8.87e-03	35,0,37
	13.8	0.11	0.05	0.13	35,36,37	0.0	0.0	0.0	0,0,0				
	27.5	0.12	0.05	0.14	35,35,37	0.0	0.0	0.0	0,0,0				
177	0.0	0.13	0.09	0.16	36,35,37	0.0	0.0	0.0	0,0,0	-1.62e-03	0.0	-1.49e-03	35,0,37
	13.8	0.13	0.09	0.16	36,35,37	0.0	0.0	0.0	0,0,0				
	27.5	0.13	0.09	0.16	36,35,37	0.0	0.0	0.0	0,0,0				
178	0.0	0.13	0.11	0.16	36,35,37	0.0	0.0	0.0	0,0,0	7.07e-03	0.0	6.53e-03	36,0,37
	13.8	0.13	0.11	0.16	36,35,37	0.0	0.0	0.0	0,0,0				
	27.5	0.12	0.10	0.15	36,35,37	0.0	0.0	0.0	0,0,0				
179	0.0	0.11	0.10	0.13	36,35,37	0.0	0.0	0.0	0,0,0	0.01	0.0	0.01	36,0,37
	13.8	0.10	0.09	0.12	36,35,37	0.0	0.0	0.0	0,0,0				
	27.5	0.08	0.07	0.10	36,35,37	0.0	0.0	0.0	0,0,0				
180	0.0	0.05	0.05	0.07	36,36,37	0.0	0.0	0.0	0,0,0	0.02	0.0	0.02	36,0,37
	13.8	0.04	0.03	0.04	36,32,37	0.0	0.0	0.0	0,0,0				
	27.5	0.02	7.58e-03	0.02	32,36,37	0.0	0.0	0.0	0,0,0				
181	0.0	0.03	0.04	0.04	35,32,37	0.0	0.0	0.0	0,0,0	0.02	0.0	0.02	36,0,37
	13.8	0.06	0.07	0.07	35,32,37	0.0	0.0	0.0	0,0,0				
	27.5	0.09	0.11	0.11	35,36,37	0.0	0.0	0.0	0,0,0				
182	0.0	0.17	0.23	0.21	35,36,37	0.04	0.0	0.0	32,0,0	0.02	0.0	0.02	36,0,37
	13.8	0.23	0.31	0.28	36,36,37	0.06	0.0	0.06	36,0,37				

183	27.5	0.29	0.38	0.36	36,36,37	0.07	0.0	0.08	36,0,37	-0.59	0.0	-0.51	31,0,37
	0.0	0.27	0.35	0.31	32,32,37	0.07	0.0	0.06	32,0,37				
	22.3	0.16	0.19	0.18	32,32,37	0.0	0.0	0.0	0,0,0				
184	44.6	0.05	0.05	0.06	36,36,37	0.0	0.0	0.0	0,0,0	-1.27	0.0	-1.08	31,0,37
	0.0	0.42	0.52	0.48	32,32,37	0.11	0.0	0.10	32,0,37				
	90.9	0.05	0.09	0.06	32,32,37	0.0	0.0	0.0	0,0,0				
	181.8	0.13	0.17	0.15	31,31,37	0.0	0.0	0.0	0,0,0				

Trave	rRfck	rRfyk	rPfck	wR	wF	wP	dR	dF	dP
	1.47	1.99	1.65	0.62	0.0	0.53	-3.55 1.90	0.0 0.0	-3.09 1.67

Setto	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
					mm	mm	mm	
1	0.16	0.31	0.16	31,32,37	0.0	0.0	0.0	0,0,0
2	0.03	0.06	0.03	32,31,37	0.0	0.0	0.0	0,0,0
3	0.02	0.03	0.02	32,31,37	0.0	0.0	0.0	0,0,0
4	0.01	0.02	0.02	32,31,37	0.0	0.0	0.0	0,0,0
5	0.01	0.02	0.01	32,31,37	0.0	0.0	0.0	0,0,0
6	0.01	0.02	0.01	32,31,37	0.0	0.0	0.0	0,0,0
7	9.60e-03	0.01	0.01	32,32,37	0.0	0.0	0.0	0,0,0
8	0.01	0.01	0.01	31,32,37	0.0	0.0	0.0	0,0,0
9	0.05	0.07	0.04	31,31,37	0.0	0.0	0.0	0,0,0
10	0.02	0.05	0.02	31,31,37	0.0	0.0	0.0	0,0,0
11	0.01	0.03	0.02	31,31,37	0.0	0.0	0.0	0,0,0
12	0.01	0.02	0.01	32,32,37	0.0	0.0	0.0	0,0,0
13	0.01	0.02	0.01	32,32,37	0.0	0.0	0.0	0,0,0
14	0.01	0.02	0.01	32,32,37	0.0	0.0	0.0	0,0,0
15	0.01	0.01	0.01	32,32,37	0.0	0.0	0.0	0,0,0
16	0.01	7.07e-03	0.02	32,32,37	0.0	0.0	0.0	0,0,0
17	0.03	0.06	0.03	31,31,37	0.0	0.0	0.0	0,0,0
18	0.03	0.05	0.03	31,31,37	0.0	0.0	0.0	0,0,0
19	0.02	0.04	0.02	31,31,37	0.0	0.0	0.0	0,0,0
20	0.01	0.02	0.02	31,31,37	0.0	0.0	0.0	0,0,0
21	0.01	0.02	0.02	32,36,37	0.0	0.0	0.0	0,0,0
22	0.01	0.02	0.01	32,32,37	0.0	0.0	0.0	0,0,0
23	0.01	9.25e-03	0.02	32,32,37	0.0	0.0	0.0	0,0,0
24	0.02	8.66e-03	0.02	32,32,37	0.0	0.0	0.0	0,0,0
25	0.03	0.07	0.04	31,31,37	0.0	0.0	0.0	0,0,0
26	0.03	0.06	0.03	31,31,37	0.0	0.0	0.0	0,0,0
27	0.03	0.04	0.03	31,31,37	0.0	0.0	0.0	0,0,0
28	0.02	0.02	0.02	31,31,37	0.0	0.0	0.0	0,0,0
29	0.02	0.01	0.02	32,36,37	0.0	0.0	0.0	0,0,0
30	0.01	0.01	0.02	32,32,37	0.0	0.0	0.0	0,0,0
31	0.02	8.84e-03	0.02	32,32,37	0.0	0.0	0.0	0,0,0
32	0.02	0.01	0.03	32,32,37	0.0	0.0	0.0	0,0,0
33	0.05	0.10	0.05	31,31,37	0.0	0.0	0.0	0,0,0
34	0.04	0.09	0.05	31,32,37	0.0	0.0	0.0	0,0,0
35	0.04	0.06	0.04	31,31,37	0.0	0.0	0.0	0,0,0
36	0.03	0.03	0.04	31,31,37	0.0	0.0	0.0	0,0,0
37	0.02	9.17e-03	0.02	32,32,37	0.0	0.0	0.0	0,0,0
38	0.02	8.48e-03	0.02	32,32,37	0.0	0.0	0.0	0,0,0
39	0.02	0.01	0.03	32,32,37	0.0	0.0	0.0	0,0,0
40	0.03	0.01	0.04	32,32,37	0.0	0.0	0.0	0,0,0
41	0.07	0.15	0.08	32,32,37	0.0	0.0	0.0	0,0,0
42	0.06	0.12	0.07	32,32,37	0.0	0.0	0.0	0,0,0
43	0.05	0.07	0.06	32,32,37	0.0	0.0	0.0	0,0,0
44	0.04	0.04	0.05	32,31,37	0.0	0.0	0.0	0,0,0
45	0.03	0.01	0.03	32,31,37	0.0	0.0	0.0	0,0,0
46	0.02	0.01	0.03	32,32,37	0.0	0.0	0.0	0,0,0
47	0.03	0.01	0.04	32,32,37	0.0	0.0	0.0	0,0,0
48	0.04	0.02	0.05	32,32,37	0.0	0.0	0.0	0,0,0
49	0.10	0.22	0.11	32,32,37	0.0	0.0	0.0	0,0,0
50	0.09	0.16	0.11	32,32,37	0.0	0.0	0.0	0,0,0
51	0.08	0.09	0.09	32,32,37	0.0	0.0	0.0	0,0,0
52	0.06	0.05	0.07	32,31,37	0.0	0.0	0.0	0,0,0
53	0.04	0.02	0.04	32,31,37	0.0	0.0	0.0	0,0,0
54	0.03	0.01	0.03	32,32,37	0.0	0.0	0.0	0,0,0
55	0.04	0.02	0.05	32,32,37	0.0	0.0	0.0	0,0,0
56	0.06	0.02	0.07	32,32,37	0.0	0.0	0.0	0,0,0
57	0.14	0.33	0.17	32,32,37	0.0	0.0	0.0	0,0,0
58	0.14	0.21	0.17	32,32,37	0.0	0.0	0.0	0,0,0
59	0.11	0.11	0.12	32,32,37	0.0	0.0	0.0	0,0,0
60	0.07	0.06	0.08	32,31,37	0.0	0.0	0.0	0,0,0
61	0.05	0.03	0.05	32,31,37	0.0	0.0	0.0	0,0,0

62	0.04	0.02	0.04	32,32,37	0.0	0.0	0.0	0,0,0
63	0.05	0.02	0.06	32,32,37	0.0	0.0	0.0	0,0,0
64	0.08	0.03	0.09	32,32,37	0.0	0.0	0.0	0,0,0
65	0.33	0.57	0.38	32,32,37	0.17	0.0	0.15	32,0,37
66	0.23	0.24	0.27	32,32,37	0.0	0.0	0.0	0,0,0
67	0.13	0.12	0.15	32,32,37	0.0	0.0	0.0	0,0,0
68	0.08	0.06	0.10	32,32,37	0.0	0.0	0.0	0,0,0
69	0.05	0.04	0.06	32,31,37	0.0	0.0	0.0	0,0,0
70	0.04	0.02	0.05	32,32,37	0.0	0.0	0.0	0,0,0
71	0.06	0.03	0.07	32,32,37	0.0	0.0	0.0	0,0,0
72	0.11	0.05	0.12	32,31,37	0.0	0.0	0.0	0,0,0
73	1.30	0.80	1.53	32,32,37	0.26	0.0	0.25	36,0,37
74	0.28	0.25	0.33	32,32,37	0.0	0.0	0.0	0,0,0
75	0.14	0.11	0.17	32,32,37	0.0	0.0	0.0	0,0,0
76	0.09	0.07	0.10	32,32,37	0.0	0.0	0.0	0,0,0
77	0.05	0.04	0.06	32,32,37	0.0	0.0	0.0	0,0,0
78	0.04	0.02	0.05	32,32,37	0.0	0.0	0.0	0,0,0
79	0.07	0.03	0.08	32,31,37	0.0	0.0	0.0	0,0,0
80	0.12	0.06	0.14	32,31,37	0.0	0.0	0.0	0,0,0
81	1.50	0.80	1.72	32,32,37	0.24	0.0	0.23	32,0,37
82	0.43	0.21	0.49	32,31,37	0.02	0.0	0.0	32,0,0
83	0.15	0.09	0.17	31,31,37	0.0	0.0	0.0	0,0,0
84	0.08	0.05	0.10	31,31,37	0.0	0.0	0.0	0,0,0
85	0.05	0.03	0.06	31,31,37	0.0	0.0	0.0	0,0,0
86	0.05	0.02	0.06	32,32,37	0.0	0.0	0.0	0,0,0
87	0.08	0.03	0.09	32,32,37	0.0	0.0	0.0	0,0,0
88	0.12	0.06	0.14	32,32,37	0.0	0.0	0.0	0,0,0
89	0.54	0.74	0.61	32,31,37	0.23	0.0	0.22	31,0,37
90	0.26	0.19	0.29	32,32,37	0.0	0.0	0.0	0,0,0
91	0.13	0.09	0.15	31,31,37	0.0	0.0	0.0	0,0,0
92	0.08	0.05	0.09	31,31,37	0.0	0.0	0.0	0,0,0
93	0.05	0.02	0.05	31,31,37	0.0	0.0	0.0	0,0,0
94	0.05	0.02	0.05	32,32,37	0.0	0.0	0.0	0,0,0
95	0.07	0.03	0.08	32,32,37	0.0	0.0	0.0	0,0,0
96	0.12	0.06	0.14	32,32,37	0.0	0.0	0.0	0,0,0
97	0.15	0.44	0.17	32,31,37	0.0	0.0	0.0	0,0,0
98	0.14	0.14	0.16	32,32,37	0.0	0.0	0.0	0,0,0
99	0.10	0.09	0.11	31,31,37	0.0	0.0	0.0	0,0,0
100	0.07	0.05	0.08	31,31,37	0.0	0.0	0.0	0,0,0
101	0.04	0.02	0.04	31,31,37	0.0	0.0	0.0	0,0,0
102	0.04	0.02	0.05	32,32,37	0.0	0.0	0.0	0,0,0
103	0.07	0.03	0.08	32,32,37	0.0	0.0	0.0	0,0,0
104	0.10	0.05	0.12	32,32,37	0.0	0.0	0.0	0,0,0
105	0.09	0.24	0.10	32,31,37	0.0	0.0	0.0	0,0,0
106	0.08	0.10	0.09	32,32,37	0.0	0.0	0.0	0,0,0
107	0.07	0.07	0.08	31,31,37	0.0	0.0	0.0	0,0,0
108	0.06	0.04	0.06	31,31,37	0.0	0.0	0.0	0,0,0
109	0.03	0.02	0.04	31,31,37	0.0	0.0	0.0	0,0,0
110	0.04	0.02	0.05	32,32,37	0.0	0.0	0.0	0,0,0
111	0.06	0.03	0.07	32,32,37	0.0	0.0	0.0	0,0,0
112	0.09	0.04	0.10	32,32,37	0.0	0.0	0.0	0,0,0
113	0.05	0.14	0.06	32,31,37	0.0	0.0	0.0	0,0,0
114	0.06	0.07	0.07	31,32,37	0.0	0.0	0.0	0,0,0
115	0.06	0.06	0.07	31,31,37	0.0	0.0	0.0	0,0,0
116	0.05	0.04	0.06	31,31,37	0.0	0.0	0.0	0,0,0
117	0.03	0.01	0.03	31,31,37	0.0	0.0	0.0	0,0,0
118	0.03	0.02	0.04	32,32,37	0.0	0.0	0.0	0,0,0
119	0.06	0.02	0.07	32,32,37	0.0	0.0	0.0	0,0,0
120	0.08	0.04	0.09	32,32,37	0.0	0.0	0.0	0,0,0
121	0.04	0.09	0.05	31,32,37	0.0	0.0	0.0	0,0,0
122	0.06	0.07	0.07	31,31,37	0.0	0.0	0.0	0,0,0
123	0.06	0.06	0.07	31,31,37	0.0	0.0	0.0	0,0,0
124	0.05	0.04	0.06	31,31,37	0.0	0.0	0.0	0,0,0
125	0.03	0.01	0.03	31,32,37	0.0	0.0	0.0	0,0,0
126	0.03	0.01	0.04	32,32,37	0.0	0.0	0.0	0,0,0
127	0.06	0.03	0.07	32,32,37	0.0	0.0	0.0	0,0,0
128	0.08	0.05	0.09	32,32,37	0.0	0.0	0.0	0,0,0
129	0.07	0.08	0.09	31,32,37	0.0	0.0	0.0	0,0,0
130	0.08	0.09	0.09	31,32,37	0.0	0.0	0.0	0,0,0
131	0.08	0.08	0.09	31,32,37	0.0	0.0	0.0	0,0,0
132	0.06	0.06	0.07	31,31,37	0.0	0.0	0.0	0,0,0
133	0.03	0.02	0.04	31,31,37	0.0	0.0	0.0	0,0,0
134	0.03	0.02	0.04	32,32,37	0.0	0.0	0.0	0,0,0
135	0.06	0.04	0.07	32,32,37	0.0	0.0	0.0	0,0,0
136	0.09	0.06	0.10	32,32,37	0.0	0.0	0.0	0,0,0
137	0.12	0.14	0.14	31,32,37	0.0	0.0	0.0	0,0,0
138	0.14	0.14	0.16	32,32,37	0.0	0.0	0.0	0,0,0

139	0.11	0.11	0.13	31,32,37	0.0	0.0	0.0	0,0,0
140	0.07	0.07	0.08	31,31,37	0.0	0.0	0.0	0,0,0
141	0.04	0.03	0.04	31,31,37	0.0	0.0	0.0	0,0,0
142	0.04	0.02	0.05	32,32,37	0.0	0.0	0.0	0,0,0
143	0.07	0.05	0.08	32,32,37	0.0	0.0	0.0	0,0,0
144	0.10	0.09	0.12	32,32,37	0.0	0.0	0.0	0,0,0
145	0.38	0.37	0.44	32,32,37	0.10	0.0	0.09	32,0,37
146	0.30	0.29	0.35	32,32,37	0.07	0.0	0.0	32,0,0
147	0.14	0.13	0.16	32,32,37	0.0	0.0	0.0	0,0,0
148	0.08	0.08	0.09	31,31,37	0.0	0.0	0.0	0,0,0
149	0.04	0.04	0.05	31,31,37	0.0	0.0	0.0	0,0,0
150	0.04	0.04	0.05	32,32,37	0.0	0.0	0.0	0,0,0
151	0.07	0.07	0.09	32,32,37	0.0	0.0	0.0	0,0,0
152	0.11	0.12	0.13	32,32,37	0.0	0.0	0.0	0,0,0
153	1.43	0.79	1.68	32,32,37	0.22	0.0	0.20	32,0,37
154	0.36	0.31	0.42	32,31,37	0.07	0.0	0.06	31,0,37
155	0.15	0.14	0.17	32,32,37	0.0	0.0	0.0	0,0,0
156	0.08	0.08	0.10	31,31,37	0.0	0.0	0.0	0,0,0
157	0.04	0.05	0.05	31,31,37	0.0	0.0	0.0	0,0,0
158	0.05	0.05	0.05	32,32,37	0.0	0.0	0.0	0,0,0
159	0.08	0.09	0.09	32,32,37	0.0	0.0	0.0	0,0,0
160	0.12	0.13	0.14	32,32,37	0.0	0.0	0.0	0,0,0
161	1.44	0.81	1.65	31,31,37	0.25	0.0	0.24	31,0,37
162	0.48	0.45	0.55	31,31,37	0.11	0.0	0.10	31,0,37
163	0.19	0.14	0.22	32,32,37	0.0	0.0	0.0	0,0,0
164	0.11	0.09	0.13	32,32,37	0.0	0.0	0.0	0,0,0
165	0.07	0.05	0.07	32,32,37	0.0	0.0	0.0	0,0,0
166	0.05	0.03	0.06	31,32,37	0.0	0.0	0.0	0,0,0
167	0.09	0.06	0.10	31,32,37	0.0	0.0	0.0	0,0,0
168	0.15	0.12	0.18	31,32,37	0.0	0.0	0.0	0,0,0
169	0.50	0.44	0.57	31,31,37	0.11	0.0	0.10	31,0,37
170	0.28	0.22	0.31	31,31,37	0.0	0.0	0.0	0,0,0
171	0.16	0.13	0.18	32,32,37	0.0	0.0	0.0	0,0,0
172	0.10	0.09	0.11	32,32,37	0.0	0.0	0.0	0,0,0
173	0.06	0.05	0.07	32,32,37	0.0	0.0	0.0	0,0,0
174	0.05	0.03	0.06	31,32,37	0.0	0.0	0.0	0,0,0
175	0.08	0.05	0.10	31,32,37	0.0	0.0	0.0	0,0,0
176	0.13	0.10	0.15	31,32,37	0.0	0.0	0.0	0,0,0
177	0.18	0.25	0.20	31,31,37	0.0	0.0	0.0	0,0,0
178	0.16	0.14	0.18	31,31,37	0.0	0.0	0.0	0,0,0
179	0.12	0.11	0.13	32,32,37	0.0	0.0	0.0	0,0,0
180	0.08	0.08	0.10	32,32,37	0.0	0.0	0.0	0,0,0
181	0.05	0.05	0.06	32,32,37	0.0	0.0	0.0	0,0,0
182	0.05	0.03	0.05	31,31,37	0.0	0.0	0.0	0,0,0
183	0.08	0.04	0.09	31,31,37	0.0	0.0	0.0	0,0,0
184	0.11	0.07	0.13	31,32,37	0.0	0.0	0.0	0,0,0
185	0.10	0.16	0.12	31,31,37	0.0	0.0	0.0	0,0,0
186	0.09	0.09	0.11	31,31,37	0.0	0.0	0.0	0,0,0
187	0.09	0.09	0.10	32,32,37	0.0	0.0	0.0	0,0,0
188	0.07	0.07	0.08	32,32,37	0.0	0.0	0.0	0,0,0
189	0.05	0.03	0.05	32,32,37	0.0	0.0	0.0	0,0,0
190	0.04	0.02	0.05	31,31,37	0.0	0.0	0.0	0,0,0
191	0.07	0.03	0.08	31,31,37	0.0	0.0	0.0	0,0,0
192	0.09	0.06	0.11	31,32,37	0.0	0.0	0.0	0,0,0
193	0.06	0.10	0.07	31,31,37	0.0	0.0	0.0	0,0,0
194	0.07	0.08	0.08	32,32,37	0.0	0.0	0.0	0,0,0
195	0.07	0.07	0.08	32,32,37	0.0	0.0	0.0	0,0,0
196	0.06	0.06	0.07	32,32,37	0.0	0.0	0.0	0,0,0
197	0.04	0.02	0.05	32,32,37	0.0	0.0	0.0	0,0,0
198	0.03	0.02	0.04	31,31,37	0.0	0.0	0.0	0,0,0
199	0.06	0.02	0.07	31,31,37	0.0	0.0	0.0	0,0,0
200	0.08	0.05	0.09	31,31,37	0.0	0.0	0.0	0,0,0
201	0.05	0.08	0.05	32,31,37	0.0	0.0	0.0	0,0,0
202	0.07	0.07	0.08	32,32,37	0.0	0.0	0.0	0,0,0
203	0.06	0.07	0.08	32,32,37	0.0	0.0	0.0	0,0,0
204	0.06	0.05	0.07	32,32,37	0.0	0.0	0.0	0,0,0
205	0.04	0.02	0.04	32,32,37	0.0	0.0	0.0	0,0,0
206	0.03	0.01	0.03	31,32,37	0.0	0.0	0.0	0,0,0
207	0.05	0.02	0.06	31,31,37	0.0	0.0	0.0	0,0,0
208	0.07	0.04	0.09	31,31,37	0.0	0.0	0.0	0,0,0
209	0.08	0.11	0.09	32,32,37	0.0	0.0	0.0	0,0,0
210	0.08	0.10	0.10	32,32,37	0.0	0.0	0.0	0,0,0
211	0.08	0.09	0.10	32,32,37	0.0	0.0	0.0	0,0,0
212	0.06	0.05	0.08	32,31,37	0.0	0.0	0.0	0,0,0
213	0.04	0.01	0.04	32,32,37	0.0	0.0	0.0	0,0,0
214	0.02	0.01	0.03	31,32,37	0.0	0.0	0.0	0,0,0
215	0.05	0.02	0.06	31,32,37	0.0	0.0	0.0	0,0,0

216	0.07	0.04	0.09	31,31,37	0.0	0.0	0.0	0,0,0
217	0.13	0.18	0.15	31,32,37	0.0	0.0	0.0	0,0,0
218	0.14	0.17	0.16	31,32,37	0.0	0.0	0.0	0,0,0
219	0.11	0.11	0.13	32,31,37	0.0	0.0	0.0	0,0,0
220	0.07	0.06	0.09	32,31,37	0.0	0.0	0.0	0,0,0
221	0.04	0.02	0.05	32,31,37	0.0	0.0	0.0	0,0,0
222	0.03	0.01	0.03	31,31,37	0.0	0.0	0.0	0,0,0
223	0.05	0.03	0.06	31,31,37	0.0	0.0	0.0	0,0,0
224	0.08	0.05	0.10	31,31,37	0.0	0.0	0.0	0,0,0
225	0.37	0.47	0.43	31,32,37	0.13	0.0	0.12	32,0,37
226	0.29	0.30	0.34	31,32,37	0.07	0.0	0.0	32,0,0
227	0.14	0.11	0.16	31,31,37	0.0	0.0	0.0	0,0,0
228	0.08	0.06	0.09	31,31,37	0.0	0.0	0.0	0,0,0
229	0.04	0.02	0.05	32,31,37	0.0	0.0	0.0	0,0,0
230	0.03	0.02	0.03	31,32,37	0.0	0.0	0.0	0,0,0
231	0.06	0.03	0.07	31,31,37	0.0	0.0	0.0	0,0,0
232	0.09	0.07	0.11	31,31,37	0.0	0.0	0.0	0,0,0
233	1.42	0.80	1.67	31,32,37	0.22	0.0	0.21	32,0,37
234	0.34	0.24	0.40	31,31,37	0.06	0.0	0.05	31,0,37
235	0.15	0.12	0.17	31,31,37	0.0	0.0	0.0	0,0,0
236	0.08	0.06	0.10	31,31,37	0.0	0.0	0.0	0,0,0
237	0.04	0.03	0.05	31,31,37	0.0	0.0	0.0	0,0,0
238	0.03	0.02	0.04	31,31,37	0.0	0.0	0.0	0,0,0
239	0.06	0.03	0.07	31,31,37	0.0	0.0	0.0	0,0,0
240	0.09	0.07	0.11	31,31,37	0.0	0.0	0.0	0,0,0
241	0.38	0.26	0.44	32,32,37	0.06	0.0	0.05	32,0,37
242	0.13	0.10	0.15	31,32,37	0.0	0.0	0.0	0,0,0
243	0.07	0.08	0.08	31,32,37	0.0	0.0	0.0	0,0,0
244	0.04	0.05	0.05	31,31,37	0.0	0.0	0.0	0,0,0
245	0.03	0.03	0.03	31,32,37	0.0	0.0	0.0	0,0,0
246	0.03	0.04	0.04	32,32,37	0.0	0.0	0.0	0,0,0
247	0.05	0.05	0.06	31,32,37	0.0	0.0	0.0	0,0,0
248	0.08	0.07	0.09	31,31,37	0.0	0.0	0.0	0,0,0
249	0.19	0.19	0.22	32,31,37	0.0	0.0	0.0	0,0,0
250	0.10	0.11	0.12	31,32,37	0.0	0.0	0.0	0,0,0
251	0.06	0.08	0.07	31,32,37	0.0	0.0	0.0	0,0,0
252	0.04	0.05	0.05	31,31,37	0.0	0.0	0.0	0,0,0
253	0.02	0.03	0.03	31,31,37	0.0	0.0	0.0	0,0,0
254	0.03	0.03	0.04	32,32,37	0.0	0.0	0.0	0,0,0
255	0.05	0.05	0.06	31,32,37	0.0	0.0	0.0	0,0,0
256	0.07	0.07	0.09	31,31,37	0.0	0.0	0.0	0,0,0
257	0.09	0.10	0.11	32,32,37	0.0	0.0	0.0	0,0,0
258	0.08	0.09	0.09	31,32,37	0.0	0.0	0.0	0,0,0
259	0.06	0.07	0.06	31,31,37	0.0	0.0	0.0	0,0,0
260	0.04	0.04	0.04	31,31,37	0.0	0.0	0.0	0,0,0
261	0.02	0.01	0.02	31,32,37	0.0	0.0	0.0	0,0,0
262	0.03	0.03	0.03	32,32,37	0.0	0.0	0.0	0,0,0
263	0.04	0.04	0.05	31,32,37	0.0	0.0	0.0	0,0,0
264	0.06	0.05	0.07	31,32,37	0.0	0.0	0.0	0,0,0
265	0.05	0.07	0.06	31,32,37	0.0	0.0	0.0	0,0,0
266	0.05	0.07	0.06	31,32,37	0.0	0.0	0.0	0,0,0
267	0.05	0.05	0.05	31,31,37	0.0	0.0	0.0	0,0,0
268	0.03	0.03	0.04	31,31,37	0.0	0.0	0.0	0,0,0
269	0.02	0.01	0.02	32,32,37	0.0	0.0	0.0	0,0,0
270	0.03	0.02	0.03	32,32,37	0.0	0.0	0.0	0,0,0
271	0.04	0.03	0.05	31,32,37	0.0	0.0	0.0	0,0,0
272	0.05	0.04	0.06	31,32,37	0.0	0.0	0.0	0,0,0
273	0.04	0.06	0.05	31,32,37	0.0	0.0	0.0	0,0,0
274	0.04	0.05	0.05	31,32,37	0.0	0.0	0.0	0,0,0
275	0.04	0.04	0.05	31,31,37	0.0	0.0	0.0	0,0,0
276	0.03	0.01	0.03	31,32,37	0.0	0.0	0.0	0,0,0
277	0.02	0.01	0.03	32,32,37	0.0	0.0	0.0	0,0,0
278	0.03	0.01	0.03	32,32,37	0.0	0.0	0.0	0,0,0
279	0.04	0.02	0.04	32,32,37	0.0	0.0	0.0	0,0,0
280	0.05	0.02	0.06	31,32,37	0.0	0.0	0.0	0,0,0
281	0.03	0.05	0.04	31,32,37	0.0	0.0	0.0	0,0,0
282	0.04	0.04	0.04	31,32,37	0.0	0.0	0.0	0,0,0
283	0.04	0.02	0.04	31,31,37	0.0	0.0	0.0	0,0,0
284	0.03	0.02	0.04	32,32,37	0.0	0.0	0.0	0,0,0
285	0.03	0.01	0.03	32,32,37	0.0	0.0	0.0	0,0,0
286	0.03	0.02	0.04	32,32,37	0.0	0.0	0.0	0,0,0
287	0.04	0.02	0.05	32,32,37	0.0	0.0	0.0	0,0,0
288	0.05	0.02	0.05	31,32,37	0.0	0.0	0.0	0,0,0
289	0.04	0.05	0.04	31,32,37	0.0	0.0	0.0	0,0,0
290	0.04	0.03	0.05	31,31,37	0.0	0.0	0.0	0,0,0
291	0.04	0.02	0.05	32,32,37	0.0	0.0	0.0	0,0,0
292	0.04	0.02	0.05	32,32,37	0.0	0.0	0.0	0,0,0

293	0.03	0.02	0.04	32,32,37	0.0	0.0	0.0	0,0,0
294	0.03	0.02	0.04	32,32,37	0.0	0.0	0.0	0,0,0
295	0.04	0.02	0.05	32,32,37	0.0	0.0	0.0	0,0,0
296	0.05	0.02	0.06	31,32,37	0.0	0.0	0.0	0,0,0
297	0.05	0.03	0.06	32,32,37	0.0	0.0	0.0	0,0,0
298	0.06	0.03	0.07	32,32,37	0.0	0.0	0.0	0,0,0
299	0.06	0.03	0.07	32,32,37	0.0	0.0	0.0	0,0,0
300	0.05	0.03	0.06	32,32,37	0.0	0.0	0.0	0,0,0
301	0.04	0.02	0.04	32,32,37	0.0	0.0	0.0	0,0,0
302	0.04	0.02	0.05	32,32,37	0.0	0.0	0.0	0,0,0
303	0.05	0.02	0.05	32,32,37	0.0	0.0	0.0	0,0,0
304	0.05	0.03	0.06	31,31,37	0.0	0.0	0.0	0,0,0
305	0.18	0.14	0.21	31,31,37	0.0	0.0	0.0	0,0,0
306	0.12	0.06	0.14	31,32,37	0.0	0.0	0.0	0,0,0
307	0.08	0.04	0.10	32,32,37	0.0	0.0	0.0	0,0,0
308	0.06	0.03	0.07	32,32,37	0.0	0.0	0.0	0,0,0
309	0.04	0.02	0.05	32,32,37	0.0	0.0	0.0	0,0,0
310	0.04	0.02	0.05	32,32,37	0.0	0.0	0.0	0,0,0
311	0.05	0.03	0.06	31,31,37	0.0	0.0	0.0	0,0,0
312	0.06	0.03	0.07	31,31,37	0.0	0.0	0.0	0,0,0
313	1.30	0.82	1.48	31,31,37	0.24	0.0	0.22	31,0,37
314	0.22	0.37	0.27	32,32,37	0.0	0.0	0.0	0,0,0
315	0.09	0.05	0.10	32,32,37	0.0	0.0	0.0	0,0,0
316	0.06	0.03	0.07	32,32,37	0.0	0.0	0.0	0,0,0
317	0.04	0.03	0.05	32,32,37	0.0	0.0	0.0	0,0,0
318	0.04	0.02	0.05	32,32,37	0.0	0.0	0.0	0,0,0
319	0.05	0.03	0.06	31,31,37	0.0	0.0	0.0	0,0,0
320	0.06	0.03	0.07	31,31,37	0.0	0.0	0.0	0,0,0
321	1.00	0.68	1.17	32,32,37	0.18	0.0	0.17	32,0,37
322	0.20	0.24	0.23	32,31,37	0.0	0.0	0.0	0,0,0
323	0.09	0.12	0.11	32,31,37	0.0	0.0	0.0	0,0,0
324	0.05	0.07	0.05	32,31,37	0.0	0.0	0.0	0,0,0
325	0.03	0.09	0.03	32,32,37	0.0	0.0	0.0	0,0,0
326	0.02	0.11	0.02	31,32,37	0.0	0.0	0.0	0,0,0
327	0.02	0.12	0.02	31,32,37	0.0	0.0	0.0	0,0,0
328	0.05	0.12	0.05	31,32,37	0.0	0.0	0.0	0,0,0
329	0.32	0.54	0.36	31,31,37	0.15	0.0	0.14	31,0,37
330	1.33	0.82	1.50	31,31,37	0.26	0.0	0.25	31,0,37
331	1.42	0.77	1.65	31,31,37	0.17	0.0	0.16	32,0,37
332	0.45	0.56	0.52	32,31,37	0.16	0.0	0.14	31,0,37
333	0.07	0.11	0.08	32,31,37	0.0	0.0	0.0	0,0,0
334	0.04	0.12	0.05	32,32,37	0.0	0.0	0.0	0,0,0
335	0.02	0.16	0.02	32,32,37	0.0	0.0	0.0	0,0,0
336	7.68e-03	0.22	8.83e-03	31,32,37	0.0	0.0	0.0	0,0,0
337	0.01	0.29	0.02	31,32,37	0.0	0.0	0.0	0,0,0
338	0.03	0.32	0.04	31,32,37	0.0	0.0	0.0	0,0,0
339	0.30	0.53	0.35	32,32,37	0.06	0.0	0.0	32,0,0
340	1.43	0.82	1.67	31,31,37	0.23	0.0	0.22	31,0,37
341	0.10	0.04	0.11	31,31,37	0.0	0.0	0.0	0,0,0
342	0.08	0.03	0.08	31,31,37	0.0	0.0	0.0	0,0,0
343	0.06	0.03	0.06	31,31,37	0.0	0.0	0.0	0,0,0
344	0.05	0.02	0.05	31,31,37	0.0	0.0	0.0	0,0,0
345	0.05	0.02	0.05	31,31,37	0.0	0.0	0.0	0,0,0
346	0.06	0.04	0.07	31,31,37	0.0	0.0	0.0	0,0,0
347	0.09	0.07	0.10	31,31,37	0.0	0.0	0.0	0,0,0
348	0.12	0.09	0.13	31,31,37	0.0	0.0	0.0	0,0,0
349	0.06	0.03	0.07	31,31,37	0.0	0.0	0.0	0,0,0
350	0.06	0.03	0.06	31,31,37	0.0	0.0	0.0	0,0,0
351	0.05	0.02	0.05	31,31,37	0.0	0.0	0.0	0,0,0
352	0.04	0.02	0.05	31,31,37	0.0	0.0	0.0	0,0,0
353	0.04	0.02	0.04	31,31,37	0.0	0.0	0.0	0,0,0
354	0.05	0.03	0.05	31,31,37	0.0	0.0	0.0	0,0,0
355	0.07	0.06	0.07	31,31,37	0.0	0.0	0.0	0,0,0
356	0.08	0.07	0.08	31,31,37	0.0	0.0	0.0	0,0,0
357	0.05	0.02	0.05	31,32,37	0.0	0.0	0.0	0,0,0
358	0.04	0.02	0.05	31,32,37	0.0	0.0	0.0	0,0,0
359	0.04	0.02	0.05	31,32,37	0.0	0.0	0.0	0,0,0
360	0.03	0.02	0.04	31,32,37	0.0	0.0	0.0	0,0,0
361	0.03	0.01	0.03	31,31,37	0.0	0.0	0.0	0,0,0
362	0.04	0.03	0.04	31,31,37	0.0	0.0	0.0	0,0,0
363	0.05	0.04	0.05	31,31,37	0.0	0.0	0.0	0,0,0
364	0.05	0.05	0.05	31,31,37	0.0	0.0	0.0	0,0,0
365	0.04	0.02	0.04	31,32,37	0.0	0.0	0.0	0,0,0
366	0.04	0.02	0.04	32,32,37	0.0	0.0	0.0	0,0,0
367	0.03	0.02	0.04	32,32,37	0.0	0.0	0.0	0,0,0
368	0.03	0.01	0.03	32,32,37	0.0	0.0	0.0	0,0,0
369	0.02	0.01	0.02	32,32,37	0.0	0.0	0.0	0,0,0

370	0.02	0.02	0.03	31,31,37	0.0	0.0	0.0	0,0,0
371	0.03	0.03	0.03	31,31,37	0.0	0.0	0.0	0,0,0
372	0.03	0.04	0.04	31,31,37	0.0	0.0	0.0	0,0,0
373	0.06	0.03	0.06	31,32,37	0.0	0.0	0.0	0,0,0
374	0.05	0.03	0.05	31,31,37	0.0	0.0	0.0	0,0,0
375	0.04	0.02	0.04	31,31,37	0.0	0.0	0.0	0,0,0
376	0.03	0.01	0.03	31,31,37	0.0	0.0	0.0	0,0,0
377	0.03	0.01	0.03	31,31,37	0.0	0.0	0.0	0,0,0
378	0.04	0.02	0.04	31,31,37	0.0	0.0	0.0	0,0,0
379	0.05	0.04	0.05	31,31,37	0.0	0.0	0.0	0,0,0
380	0.05	0.05	0.05	31,31,37	0.0	0.0	0.0	0,0,0
381	0.08	0.04	0.09	31,31,37	0.0	0.0	0.0	0,0,0
382	0.06	0.04	0.07	31,31,37	0.0	0.0	0.0	0,0,0
383	0.05	0.03	0.05	31,31,37	0.0	0.0	0.0	0,0,0
384	0.04	0.02	0.04	31,31,37	0.0	0.0	0.0	0,0,0
385	0.04	0.02	0.04	31,31,37	0.0	0.0	0.0	0,0,0
386	0.05	0.04	0.06	31,31,37	0.0	0.0	0.0	0,0,0
387	0.07	0.07	0.08	31,31,37	0.0	0.0	0.0	0,0,0
388	0.07	0.08	0.08	31,31,37	0.0	0.0	0.0	0,0,0
389	0.11	0.07	0.12	31,31,37	0.0	0.0	0.0	0,0,0
390	0.08	0.06	0.09	31,31,37	0.0	0.0	0.0	0,0,0
391	0.06	0.05	0.07	31,31,37	0.0	0.0	0.0	0,0,0
392	0.05	0.04	0.05	31,31,37	0.0	0.0	0.0	0,0,0
393	0.05	0.04	0.05	31,31,37	0.0	0.0	0.0	0,0,0
394	0.07	0.06	0.07	31,31,37	0.0	0.0	0.0	0,0,0
395	0.10	0.09	0.11	31,31,37	0.0	0.0	0.0	0,0,0
396	0.11	0.12	0.12	31,31,37	0.0	0.0	0.0	0,0,0
397	0.17	0.13	0.19	31,31,37	0.0	0.0	0.0	0,0,0
398	0.12	0.10	0.13	31,31,37	0.0	0.0	0.0	0,0,0
399	0.08	0.07	0.09	31,31,37	0.0	0.0	0.0	0,0,0
400	0.06	0.05	0.06	31,31,37	0.0	0.0	0.0	0,0,0
401	0.05	0.04	0.05	31,31,37	0.0	0.0	0.0	0,0,0
402	0.07	0.06	0.08	31,31,37	0.0	0.0	0.0	0,0,0
403	0.13	0.11	0.14	31,31,37	0.0	0.0	0.0	0,0,0
404	0.19	0.21	0.21	31,31,37	0.0	0.0	0.0	0,0,0
405	0.34	0.36	0.39	32,32,37	0.0	0.0	0.0	0,0,0
406	0.15	0.17	0.17	31,31,37	0.0	0.0	0.0	0,0,0
407	0.09	0.11	0.10	31,31,37	0.0	0.0	0.0	0,0,0
408	0.06	0.07	0.06	31,31,37	0.0	0.0	0.0	0,0,0
409	0.05	0.04	0.05	31,31,37	0.0	0.0	0.0	0,0,0
410	0.07	0.07	0.08	31,31,37	0.0	0.0	0.0	0,0,0
411	0.16	0.13	0.17	31,31,37	0.0	0.0	0.0	0,0,0
412	0.40	0.49	0.45	31,31,37	0.12	0.0	0.11	31,0,37
413	0.51	0.77	0.56	31,31,37	0.30	0.0	0.25	31,0,37
414	0.19	0.30	0.20	31,31,37	0.0	0.0	0.0	0,0,0
415	0.10	0.15	0.11	31,31,37	0.0	0.0	0.0	0,0,0
416	0.06	0.11	0.06	31,32,37	0.0	0.0	0.0	0,0,0
417	0.03	0.10	0.03	31,32,37	0.0	0.0	0.0	0,0,0
418	0.07	0.08	0.07	31,32,37	0.0	0.0	0.0	0,0,0
419	0.19	0.21	0.21	31,31,37	0.0	0.0	0.0	0,0,0
420	1.42	0.81	1.62	32,32,37	0.23	0.0	0.21	32,0,37
421	0.19	0.46	0.22	31,32,37	0.0	0.0	0.0	0,0,0
422	0.20	0.53	0.24	36,32,37	0.0	0.0	0.0	0,0,0
423	0.05	0.05	0.06	31,32,37	0.0	0.0	0.0	0,0,0
424	0.03	0.02	0.04	31,31,37	0.0	0.0	0.0	0,0,0
425	0.03	0.02	0.03	31,31,37	0.0	0.0	0.0	0,0,0
426	0.02	0.01	0.02	32,32,37	0.0	0.0	0.0	0,0,0
427	0.02	0.01	0.02	31,31,37	0.0	0.0	0.0	0,0,0
428	0.02	0.01	0.02	35,35,37	0.0	0.0	0.0	0,0,0
429	0.05	0.25	0.06	32,32,37	0.0	0.0	0.0	0,0,0
430	0.05	0.06	0.07	32,35,37	0.0	0.0	0.0	0,0,0
431	0.06	0.03	0.07	36,32,37	0.0	0.0	0.0	0,0,0
432	0.03	0.02	0.04	31,31,37	0.0	0.0	0.0	0,0,0
433	0.03	0.02	0.03	31,31,37	0.0	0.0	0.0	0,0,0
434	0.02	0.01	0.03	32,32,37	0.0	0.0	0.0	0,0,0
435	0.02	0.01	0.02	31,31,37	0.0	0.0	0.0	0,0,0
436	0.02	0.01	0.02	31,31,37	0.0	0.0	0.0	0,0,0
437	0.01	0.15	0.01	35,32,37	0.0	0.0	0.0	0,0,0
438	0.03	0.04	0.03	32,35,37	0.0	0.0	0.0	0,0,0
439	0.03	0.02	0.03	36,32,37	0.0	0.0	0.0	0,0,0
440	0.03	0.02	0.03	36,36,37	0.0	0.0	0.0	0,0,0
441	0.02	0.01	0.03	31,32,37	0.0	0.0	0.0	0,0,0
442	0.02	0.01	0.02	31,31,37	0.0	0.0	0.0	0,0,0
443	0.02	0.01	0.02	31,31,37	0.0	0.0	0.0	0,0,0
444	0.02	0.01	0.02	31,31,37	0.0	0.0	0.0	0,0,0
445	0.02	0.11	0.01	35,32,37	0.0	0.0	0.0	0,0,0
446	0.02	0.03	0.02	32,35,37	0.0	0.0	0.0	0,0,0

447	0.02	0.01	0.02	32,32,37	0.0	0.0	0.0	0,0,0
448	0.02	0.01	0.02	32,32,37	0.0	0.0	0.0	0,0,0
449	0.02	0.01	0.02	31,32,37	0.0	0.0	0.0	0,0,0
450	0.02	0.01	0.02	32,32,37	0.0	0.0	0.0	0,0,0
451	0.02	0.01	0.02	31,31,37	0.0	0.0	0.0	0,0,0
452	0.02	0.01	0.02	31,31,37	0.0	0.0	0.0	0,0,0
453	0.02	0.09	0.02	35,32,37	0.0	0.0	0.0	0,0,0
454	0.02	0.03	0.02	35,35,37	0.0	0.0	0.0	0,0,0
455	0.02	0.01	0.02	31,31,37	0.0	0.0	0.0	0,0,0
456	0.02	9.07e-03	0.02	32,32,37	0.0	0.0	0.0	0,0,0
457	0.02	9.09e-03	0.02	32,32,37	0.0	0.0	0.0	0,0,0
458	0.02	0.01	0.02	32,32,37	0.0	0.0	0.0	0,0,0
459	0.02	0.01	0.02	31,31,37	0.0	0.0	0.0	0,0,0
460	0.02	0.01	0.03	31,31,37	0.0	0.0	0.0	0,0,0
461	0.03	0.09	0.03	31,31,37	0.0	0.0	0.0	0,0,0
462	0.03	0.03	0.03	31,31,37	0.0	0.0	0.0	0,0,0
463	0.02	0.02	0.02	31,31,37	0.0	0.0	0.0	0,0,0
464	0.02	0.01	0.02	32,32,37	0.0	0.0	0.0	0,0,0
465	0.02	0.01	0.02	32,32,37	0.0	0.0	0.0	0,0,0
466	0.02	0.01	0.03	32,32,37	0.0	0.0	0.0	0,0,0
467	0.03	0.01	0.03	31,31,37	0.0	0.0	0.0	0,0,0
468	0.03	0.02	0.03	31,31,37	0.0	0.0	0.0	0,0,0
469	0.05	0.13	0.05	31,31,37	0.0	0.0	0.0	0,0,0
470	0.04	0.05	0.04	31,31,37	0.0	0.0	0.0	0,0,0
471	0.03	0.03	0.03	31,31,37	0.0	0.0	0.0	0,0,0
472	0.03	0.02	0.03	31,31,37	0.0	0.0	0.0	0,0,0
473	0.02	0.01	0.03	32,32,37	0.0	0.0	0.0	0,0,0
474	0.03	0.02	0.03	32,32,37	0.0	0.0	0.0	0,0,0
475	0.03	0.02	0.04	31,31,37	0.0	0.0	0.0	0,0,0
476	0.04	0.02	0.04	31,31,37	0.0	0.0	0.0	0,0,0
477	0.08	0.17	0.09	31,32,37	0.0	0.0	0.0	0,0,0
478	0.07	0.07	0.07	31,31,37	0.0	0.0	0.0	0,0,0
479	0.05	0.04	0.06	31,31,37	0.0	0.0	0.0	0,0,0
480	0.04	0.03	0.05	31,31,37	0.0	0.0	0.0	0,0,0
481	0.03	0.02	0.04	31,31,37	0.0	0.0	0.0	0,0,0
482	0.03	0.02	0.04	32,32,37	0.0	0.0	0.0	0,0,0
483	0.04	0.02	0.04	31,31,37	0.0	0.0	0.0	0,0,0
484	0.04	0.02	0.05	31,31,37	0.0	0.0	0.0	0,0,0
485	0.13	0.28	0.14	31,31,37	0.0	0.0	0.0	0,0,0
486	0.11	0.08	0.12	31,31,37	0.0	0.0	0.0	0,0,0
487	0.08	0.04	0.09	31,31,37	0.0	0.0	0.0	0,0,0
488	0.06	0.03	0.07	31,31,37	0.0	0.0	0.0	0,0,0
489	0.04	0.02	0.05	31,31,37	0.0	0.0	0.0	0,0,0
490	0.03	0.02	0.04	31,32,37	0.0	0.0	0.0	0,0,0
491	0.04	0.02	0.05	31,31,37	0.0	0.0	0.0	0,0,0
492	0.05	0.03	0.06	31,31,37	0.0	0.0	0.0	0,0,0
493	1.13	0.52	1.26	31,31,37	0.20	0.0	0.12	32,0,37
494	0.29	0.36	0.34	32,32,37	0.0	0.0	0.0	0,0,0
495	0.11	0.07	0.13	31,31,37	0.0	0.0	0.0	0,0,0
496	0.07	0.04	0.08	31,31,37	0.0	0.0	0.0	0,0,0
497	0.05	0.03	0.05	31,31,37	0.0	0.0	0.0	0,0,0
498	0.03	0.02	0.04	31,32,37	0.0	0.0	0.0	0,0,0
499	0.04	0.02	0.05	31,31,37	0.0	0.0	0.0	0,0,0
500	0.06	0.03	0.07	31,31,37	0.0	0.0	0.0	0,0,0
501	0.14	0.39	0.17	32,31,37	0.0	0.0	0.0	0,0,0
502	0.54	0.79	0.67	31,31,37	0.26	0.0	0.27	31,0,37
503	0.33	0.22	0.40	31,31,37	0.0	0.0	0.0	0,0,0
504	0.13	0.07	0.15	32,32,37	0.0	0.0	0.0	0,0,0
505	0.09	0.05	0.10	32,32,37	0.0	0.0	0.0	0,0,0
506	0.07	0.04	0.08	32,32,37	0.0	0.0	0.0	0,0,0
507	0.06	0.04	0.07	32,31,37	0.0	0.0	0.0	0,0,0
508	0.06	0.04	0.07	32,32,37	0.0	0.0	0.0	0,0,0
509	0.07	0.04	0.08	32,32,37	0.0	0.0	0.0	0,0,0
510	0.09	0.05	0.10	32,32,37	0.0	0.0	0.0	0,0,0
511	0.06	0.30	0.07	31,32,37	0.0	0.0	0.0	0,0,0
512	0.05	0.31	0.05	31,31,37	0.0	0.0	0.0	0,0,0
513	0.07	0.04	0.09	32,32,37	0.0	0.0	0.0	0,0,0
514	0.08	0.04	0.09	32,32,37	0.0	0.0	0.0	0,0,0
515	0.07	0.04	0.08	32,32,37	0.0	0.0	0.0	0,0,0
516	0.06	0.04	0.08	32,32,37	0.0	0.0	0.0	0,0,0
517	0.06	0.03	0.07	32,31,37	0.0	0.0	0.0	0,0,0
518	0.06	0.04	0.07	32,32,37	0.0	0.0	0.0	0,0,0
519	0.07	0.04	0.08	32,32,37	0.0	0.0	0.0	0,0,0
520	0.07	0.04	0.09	32,32,37	0.0	0.0	0.0	0,0,0
521	0.04	0.31	0.05	32,31,37	0.0	0.0	0.0	0,0,0
522	0.05	0.15	0.06	32,31,37	0.0	0.0	0.0	0,0,0
523	0.08	0.04	0.09	32,32,37	0.0	0.0	0.0	0,0,0

524	0.06	0.04	0.08	32,32,37	0.0	0.0	0.0	0,0,0
525	0.06	0.03	0.07	32,32,37	0.0	0.0	0.0	0,0,0
526	0.06	0.03	0.07	32,32,37	0.0	0.0	0.0	0,0,0
527	0.05	0.03	0.06	32,32,37	0.0	0.0	0.0	0,0,0
528	0.05	0.03	0.06	32,32,37	0.0	0.0	0.0	0,0,0
529	0.06	0.03	0.07	32,32,37	0.0	0.0	0.0	0,0,0
530	0.07	0.04	0.08	32,32,37	0.0	0.0	0.0	0,0,0
531	0.21	0.24	0.24	32,32,37	0.0	0.0	0.0	0,0,0
532	0.12	0.54	0.16	31,31,37	0.0	0.0	0.0	0,0,0
533	0.23	0.18	0.28	32,31,37	0.0	0.0	0.0	0,0,0
534	0.11	0.17	0.13	32,31,37	0.0	0.0	0.0	0,0,0
535	0.06	0.03	0.07	32,32,37	0.0	0.0	0.0	0,0,0
536	0.05	0.03	0.06	32,32,37	0.0	0.0	0.0	0,0,0
537	0.05	0.03	0.05	32,32,37	0.0	0.0	0.0	0,0,0
538	0.05	0.03	0.06	32,32,37	0.0	0.0	0.0	0,0,0
539	0.06	0.03	0.07	32,32,37	0.0	0.0	0.0	0,0,0
540	0.07	0.04	0.08	32,32,37	0.0	0.0	0.0	0,0,0
541	0.26	0.80	0.32	31,31,37	0.24	0.0	0.24	31,0,37
542	0.24	0.32	0.30	31,31,37	0.0	0.0	0.0	0,0,0
543	0.03	0.16	0.04	32,32,37	0.0	0.0	0.0	0,0,0
544	0.01	0.05	0.01	32,32,37	0.0	0.0	0.0	0,0,0
545	9.32e-03	0.03	0.01	31,32,37	0.0	0.0	0.0	0,0,0
546	0.01	0.02	0.01	31,32,37	0.0	0.0	0.0	0,0,0
547	0.01	7.91e-03	0.02	32,31,37	0.0	0.0	0.0	0,0,0
548	0.02	9.34e-03	0.02	32,32,37	0.0	0.0	0.0	0,0,0
549	0.02	0.01	0.02	32,32,37	0.0	0.0	0.0	0,0,0
550	0.04	0.16	0.05	31,32,37	0.0	0.0	0.0	0,0,0
551	0.02	0.13	0.02	31,32,37	0.0	0.0	0.0	0,0,0
552	0.01	0.06	0.01	31,32,37	0.0	0.0	0.0	0,0,0
553	9.83e-03	0.03	0.01	31,32,37	0.0	0.0	0.0	0,0,0
554	0.01	0.02	0.01	31,32,37	0.0	0.0	0.0	0,0,0
555	0.01	8.82e-03	0.02	32,32,37	0.0	0.0	0.0	0,0,0
556	0.02	8.42e-03	0.02	32,32,37	0.0	0.0	0.0	0,0,0
557	0.02	9.27e-03	0.02	32,32,37	0.0	0.0	0.0	0,0,0
558	0.02	0.06	0.02	32,32,37	0.0	0.0	0.0	0,0,0
559	0.01	0.04	0.01	31,32,37	0.0	0.0	0.0	0,0,0
560	0.01	0.04	0.01	31,32,37	0.0	0.0	0.0	0,0,0
561	0.01	0.03	0.01	31,32,37	0.0	0.0	0.0	0,0,0
562	0.01	0.02	0.01	31,32,37	0.0	0.0	0.0	0,0,0
563	0.01	7.75e-03	0.01	32,32,37	0.0	0.0	0.0	0,0,0
564	0.01	7.81e-03	0.02	32,32,37	0.0	0.0	0.0	0,0,0
565	0.02	8.48e-03	0.02	32,32,37	0.0	0.0	0.0	0,0,0
566	0.02	0.05	0.02	31,31,37	0.0	0.0	0.0	0,0,0
567	9.73e-03	0.03	0.01	31,32,37	0.0	0.0	0.0	0,0,0
568	0.01	0.03	0.01	31,32,37	0.0	0.0	0.0	0,0,0
569	9.96e-03	0.02	0.01	31,32,37	0.0	0.0	0.0	0,0,0
570	0.01	0.01	0.01	32,32,37	0.0	0.0	0.0	0,0,0
571	0.01	6.83e-03	0.01	32,32,37	0.0	0.0	0.0	0,0,0
572	0.01	7.39e-03	0.02	32,32,37	0.0	0.0	0.0	0,0,0
573	0.01	7.95e-03	0.02	32,32,37	0.0	0.0	0.0	0,0,0
574	0.02	0.10	0.03	31,31,37	0.0	0.0	0.0	0,0,0
575	9.37e-03	0.04	0.01	31,31,37	0.0	0.0	0.0	0,0,0
576	9.31e-03	0.02	0.01	31,32,37	0.0	0.0	0.0	0,0,0
577	9.69e-03	0.02	0.01	31,32,37	0.0	0.0	0.0	0,0,0
578	0.01	0.01	0.01	32,32,37	0.0	0.0	0.0	0,0,0
579	0.01	6.60e-03	0.01	32,32,37	0.0	0.0	0.0	0,0,0
580	0.01	7.08e-03	0.01	32,32,37	0.0	0.0	0.0	0,0,0
581	0.01	7.58e-03	0.02	32,32,37	0.0	0.0	0.0	0,0,0
582	6.50e-03	0.18	7.14e-03	32,31,37	0.0	0.0	0.0	0,0,0
583	7.56e-03	0.04	8.72e-03	31,31,37	0.0	0.0	0.0	0,0,0
584	8.54e-03	0.02	9.96e-03	31,31,37	0.0	0.0	0.0	0,0,0
585	9.39e-03	0.01	0.01	32,32,37	0.0	0.0	0.0	0,0,0
586	0.01	8.67e-03	0.01	32,32,37	0.0	0.0	0.0	0,0,0
587	0.01	6.39e-03	0.01	32,32,37	0.0	0.0	0.0	0,0,0
588	0.01	6.85e-03	0.01	32,32,37	0.0	0.0	0.0	0,0,0
589	0.01	7.33e-03	0.02	32,32,37	0.0	0.0	0.0	0,0,0
590	0.02	0.09	0.02	31,31,37	0.0	0.0	0.0	0,0,0
591	7.98e-03	0.04	8.90e-03	31,31,37	0.0	0.0	0.0	0,0,0
592	8.17e-03	0.02	9.47e-03	32,31,37	0.0	0.0	0.0	0,0,0
593	9.08e-03	0.01	0.01	32,31,37	0.0	0.0	0.0	0,0,0
594	9.98e-03	6.87e-03	0.01	32,32,37	0.0	0.0	0.0	0,0,0
595	0.01	6.23e-03	0.01	32,32,37	0.0	0.0	0.0	0,0,0
596	0.01	6.67e-03	0.01	32,32,37	0.0	0.0	0.0	0,0,0
597	0.01	7.14e-03	0.02	32,32,37	0.0	0.0	0.0	0,0,0
598	0.01	0.06	0.02	31,31,37	0.0	0.0	0.0	0,0,0
599	7.95e-03	0.03	8.98e-03	31,31,37	0.0	0.0	0.0	0,0,0
600	7.99e-03	0.02	9.22e-03	32,31,37	0.0	0.0	0.0	0,0,0

601	8.84e-03	0.01	0.01	32,31,37	0.0	0.0	0.0	0,0,0
602	9.72e-03	6.01e-03	0.01	32,31,37	0.0	0.0	0.0	0,0,0
603	0.01	6.09e-03	0.01	32,32,37	0.0	0.0	0.0	0,0,0
604	0.01	6.54e-03	0.01	32,32,37	0.0	0.0	0.0	0,0,0
605	0.01	7.01e-03	0.01	32,32,37	0.0	0.0	0.0	0,0,0
606	0.01	0.06	0.01	32,31,37	0.0	0.0	0.0	0,0,0
607	7.94e-03	0.02	8.95e-03	32,31,37	0.0	0.0	0.0	0,0,0
608	7.93e-03	0.02	9.08e-03	32,31,37	0.0	0.0	0.0	0,0,0
609	8.61e-03	0.01	0.01	32,31,37	0.0	0.0	0.0	0,0,0
610	9.48e-03	5.53e-03	0.01	32,32,37	0.0	0.0	0.0	0,0,0
611	0.01	5.99e-03	0.01	32,32,37	0.0	0.0	0.0	0,0,0
612	0.01	6.45e-03	0.01	32,32,37	0.0	0.0	0.0	0,0,0
613	0.01	6.92e-03	0.01	32,32,37	0.0	0.0	0.0	0,0,0
614	0.01	0.06	0.01	31,31,37	0.0	0.0	0.0	0,0,0
615	7.71e-03	0.02	8.68e-03	32,31,37	0.0	0.0	0.0	0,0,0
616	7.72e-03	0.02	8.81e-03	32,31,37	0.0	0.0	0.0	0,0,0
617	8.35e-03	9.10e-03	9.72e-03	32,31,37	0.0	0.0	0.0	0,0,0
618	9.24e-03	5.43e-03	0.01	32,32,37	0.0	0.0	0.0	0,0,0
619	0.01	5.90e-03	0.01	32,32,37	0.0	0.0	0.0	0,0,0
620	0.01	6.38e-03	0.01	32,32,37	0.0	0.0	0.0	0,0,0
621	0.01	6.86e-03	0.01	32,32,37	0.0	0.0	0.0	0,0,0
622	0.01	0.06	0.01	31,31,37	0.0	0.0	0.0	0,0,0
623	7.52e-03	0.02	8.44e-03	32,31,37	0.0	0.0	0.0	0,0,0
624	7.46e-03	0.01	8.50e-03	32,31,37	0.0	0.0	0.0	0,0,0
625	8.06e-03	7.74e-03	9.37e-03	32,31,37	0.0	0.0	0.0	0,0,0
626	9.00e-03	5.33e-03	0.01	32,32,37	0.0	0.0	0.0	0,0,0
627	0.01	5.83e-03	0.01	32,32,37	0.0	0.0	0.0	0,0,0
628	0.01	6.33e-03	0.01	32,32,37	0.0	0.0	0.0	0,0,0
629	0.01	6.82e-03	0.01	32,32,37	0.0	0.0	0.0	0,0,0
630	0.01	0.07	0.01	32,32,37	0.0	0.0	0.0	0,0,0
631	7.36e-03	0.03	8.25e-03	32,31,37	0.0	0.0	0.0	0,0,0
632	7.35e-03	0.01	8.36e-03	31,31,37	0.0	0.0	0.0	0,0,0
633	7.76e-03	6.62e-03	9.05e-03	32,31,37	0.0	0.0	0.0	0,0,0
634	8.79e-03	5.25e-03	0.01	32,32,37	0.0	0.0	0.0	0,0,0
635	9.86e-03	5.78e-03	0.01	32,32,37	0.0	0.0	0.0	0,0,0
636	0.01	6.29e-03	0.01	32,32,37	0.0	0.0	0.0	0,0,0
637	0.01	6.79e-03	0.01	32,32,37	0.0	0.0	0.0	0,0,0
638	0.01	0.08	0.01	32,32,37	0.0	0.0	0.0	0,0,0
639	7.49e-03	0.03	8.36e-03	31,31,37	0.0	0.0	0.0	0,0,0
640	8.04e-03	0.01	9.26e-03	31,31,37	0.0	0.0	0.0	0,0,0
641	8.44e-03	5.44e-03	9.94e-03	31,31,37	0.0	0.0	0.0	0,0,0
642	8.63e-03	5.21e-03	0.01	32,32,37	0.0	0.0	0.0	0,0,0
643	9.71e-03	5.73e-03	0.01	32,32,37	0.0	0.0	0.0	0,0,0
644	0.01	6.23e-03	0.01	32,32,37	0.0	0.0	0.0	0,0,0
645	0.01	6.74e-03	0.01	32,32,37	0.0	0.0	0.0	0,0,0
646	0.01	0.10	0.02	32,32,37	0.0	0.0	0.0	0,0,0
647	9.57e-03	0.03	0.01	31,31,37	0.0	0.0	0.0	0,0,0
648	9.76e-03	8.21e-03	0.01	31,31,37	0.0	0.0	0.0	0,0,0
649	9.52e-03	8.40e-03	0.01	32,31,37	0.0	0.0	0.0	0,0,0
650	9.06e-03	7.28e-03	0.01	32,31,37	0.0	0.0	0.0	0,0,0
651	9.55e-03	5.67e-03	0.01	32,32,37	0.0	0.0	0.0	0,0,0
652	0.01	6.14e-03	0.01	32,32,37	0.0	0.0	0.0	0,0,0
653	0.01	6.61e-03	0.01	32,32,37	0.0	0.0	0.0	0,0,0
654	0.04	0.12	0.05	35,36,37	0.0	0.0	0.0	0,0,0
655	0.02	0.02	0.02	32,31,37	0.0	0.0	0.0	0,0,0
656	0.01	0.02	0.02	32,31,37	0.0	0.0	0.0	0,0,0
657	0.01	0.01	0.01	32,31,37	0.0	0.0	0.0	0,0,0
658	9.59e-03	0.01	0.01	32,31,37	0.0	0.0	0.0	0,0,0
659	9.32e-03	9.86e-03	0.01	32,31,37	0.0	0.0	0.0	0,0,0
660	0.01	5.96e-03	0.01	32,32,37	0.0	0.0	0.0	0,0,0
661	0.01	6.39e-03	0.01	32,32,37	0.0	0.0	0.0	0,0,0
662	0.32	0.42	0.38	35,35,37	0.0	0.0	0.0	0,0,0
663	0.03	0.04	0.04	36,31,37	0.0	0.0	0.0	0,0,0
664	0.02	0.03	0.02	32,31,37	0.0	0.0	0.0	0,0,0
665	0.01	0.02	0.01	32,31,37	0.0	0.0	0.0	0,0,0
666	9.81e-03	0.02	0.01	32,31,37	0.0	0.0	0.0	0,0,0
667	9.10e-03	0.02	0.01	32,31,37	0.0	0.0	0.0	0,0,0
668	9.79e-03	5.81e-03	0.01	31,31,37	0.0	0.0	0.0	0,0,0
669	0.01	6.36e-03	0.01	31,31,37	0.0	0.0	0.0	0,0,0
1110	1.17	0.79	1.31	31,32,37	0.40	0.0	0.39	32,0,37
1111	0.23	0.31	0.25	31,32,37	0.0	0.0	0.0	0,0,0
1112	0.11	0.19	0.12	31,31,37	0.0	0.0	0.0	0,0,0
1113	0.07	0.11	0.07	31,31,37	0.0	0.0	0.0	0,0,0
1114	0.04	0.07	0.04	31,31,37	0.0	0.0	0.0	0,0,0
1115	0.03	0.04	0.03	31,31,37	0.0	0.0	0.0	0,0,0
1116	0.08	0.08	0.08	31,31,37	0.0	0.0	0.0	0,0,0
1117	0.40	0.34	0.45	31,31,37	0.09	0.0	0.07	31,0,37

1118	0.55	0.55	0.62	31,32,37	0.17	0.0	0.15	32,0,37
1119	0.08	0.53	0.09	32,32,37	0.0	0.0	0.0	0,0,0
1120	0.02	0.29	0.03	32,32,37	0.0	0.0	0.0	0,0,0
1121	0.01	0.18	0.01	35,32,37	0.0	0.0	0.0	0,0,0
1122	0.02	0.13	0.02	35,32,37	0.0	0.0	0.0	0,0,0
1123	0.02	0.11	0.02	31,32,37	0.0	0.0	0.0	0,0,0
1124	0.03	0.11	0.03	31,31,37	0.0	0.0	0.0	0,0,0
1125	0.05	0.15	0.06	31,31,37	0.0	0.0	0.0	0,0,0
1126	0.09	0.24	0.09	31,31,37	0.0	0.0	0.0	0,0,0
1127	0.30	0.78	0.33	31,31,37	0.62	0.0	0.53	31,0,37
1552	0.39	0.45	0.45	31,32,37	0.11	0.0	0.10	32,0,37
1553	0.24	0.20	0.28	32,32,37	0.0	0.0	0.0	0,0,0
1554	0.13	0.08	0.15	32,32,37	0.0	0.0	0.0	0,0,0
1555	0.07	0.06	0.08	32,32,37	0.0	0.0	0.0	0,0,0
1556	0.06	0.04	0.06	32,32,37	0.0	0.0	0.0	0,0,0
1557	0.10	0.06	0.11	32,32,37	0.0	0.0	0.0	0,0,0
1558	0.17	0.13	0.19	32,32,37	0.0	0.0	0.0	0,0,0
1559	1.45	0.82	1.66	31,31,37	0.26	0.0	0.24	31,0,37
1560	0.55	0.84	0.69	31,31,37	0.26	0.0	0.27	31,0,37
1561	0.04	0.09	0.05	31,32,37	0.0	0.0	0.0	0,0,0
1562	0.01	0.05	0.01	32,32,37	0.0	0.0	0.0	0,0,0
1563	9.79e-03	0.02	0.01	31,32,37	0.0	0.0	0.0	0,0,0
1564	0.01	8.38e-03	0.01	31,32,37	0.0	0.0	0.0	0,0,0
1565	0.01	8.11e-03	0.02	32,31,37	0.0	0.0	0.0	0,0,0
1566	0.02	9.79e-03	0.02	32,32,37	0.0	0.0	0.0	0,0,0
1567	0.03	0.01	0.03	32,32,37	0.0	0.0	0.0	0,0,0

Setto	rRfck	rRfyk	rPfck	wR	wF	wP
	1.50	0.84	1.72	0.62	0.0	0.53

Guscio	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
					mm	mm	mm	
670	1.05	2.02	1.25	36,36,37	0.74	0.0	0.69	36,0,37
671	0.17	0.33	0.19	32,32,37	0.0	0.0	0.0	0,0,0
672	0.13	0.27	0.15	32,32,37	0.0	0.0	0.0	0,0,0
673	0.11	0.19	0.13	32,32,37	0.0	0.0	0.0	0,0,0
674	0.08	0.14	0.10	32,32,37	0.0	0.0	0.0	0,0,0
675	0.06	0.10	0.07	32,32,37	0.0	0.0	0.0	0,0,0
676	0.04	0.07	0.05	32,31,37	0.0	0.0	0.0	0,0,0
677	0.03	0.05	0.03	32,31,37	0.0	0.0	0.0	0,0,0
678	0.04	0.09	0.04	35,32,37	0.0	0.0	0.0	0,0,0
679	0.37	0.67	0.46	36,32,37	0.18	0.0	0.19	32,0,37
680	0.20	0.32	0.23	36,36,37	0.0	0.0	0.0	0,0,0
681	0.12	0.22	0.14	32,36,37	0.0	0.0	0.0	0,0,0
682	0.11	0.20	0.13	32,32,37	0.0	0.0	0.0	0,0,0
683	0.10	0.17	0.12	32,32,37	0.0	0.0	0.0	0,0,0
684	0.08	0.13	0.09	32,32,37	0.0	0.0	0.0	0,0,0
685	0.06	0.09	0.07	32,32,37	0.0	0.0	0.0	0,0,0
686	0.04	0.06	0.05	32,32,37	0.0	0.0	0.0	0,0,0
687	0.03	0.04	0.03	32,31,37	0.0	0.0	0.0	0,0,0
688	0.04	0.07	0.05	35,35,37	0.0	0.0	0.0	0,0,0
689	0.10	0.15	0.13	35,35,37	0.0	0.0	0.0	0,0,0
690	0.13	0.16	0.15	36,36,37	0.0	0.0	0.0	0,0,0
691	0.10	0.13	0.12	32,32,37	0.0	0.0	0.0	0,0,0
692	0.11	0.13	0.13	32,32,37	0.0	0.0	0.0	0,0,0
693	0.11	0.13	0.12	32,32,37	0.0	0.0	0.0	0,0,0
694	0.09	0.10	0.11	32,32,37	0.0	0.0	0.0	0,0,0
695	0.07	0.07	0.08	32,32,37	0.0	0.0	0.0	0,0,0
696	0.05	0.05	0.06	32,36,37	0.0	0.0	0.0	0,0,0
697	0.03	0.03	0.04	32,36,37	0.0	0.0	0.0	0,0,0
698	0.03	0.02	0.03	35,35,37	0.0	0.0	0.0	0,0,0
699	0.05	0.05	0.06	35,35,37	0.0	0.0	0.0	0,0,0
700	0.05	0.08	0.06	31,31,37	0.0	0.0	0.0	0,0,0
701	0.05	0.31	0.06	35,32,37	0.0	0.0	0.0	0,0,0
702	0.07	0.22	0.09	35,32,37	0.0	0.0	0.0	0,0,0
703	0.41	1.29	0.46	32,32,37	0.46	0.0	0.41	32,0,37
704	0.66	1.89	0.76	32,32,37	0.72	0.0	0.64	32,0,37
705	0.18	0.44	0.20	32,31,37	0.14	0.0	0.0	31,0,0
706	0.11	0.57	0.13	32,31,37	0.22	0.0	0.17	31,0,37
707	0.20	0.30	0.23	32,31,37	0.0	0.0	0.0	0,0,0
708	0.02	0.39	0.02	32,31,37	0.0	0.0	0.0	0,0,0
709	0.08	0.16	0.09	36,32,37	0.0	0.0	0.0	0,0,0
710	0.09	0.10	0.10	32,32,37	0.0	0.0	0.0	0,0,0
711	0.07	0.12	0.08	32,32,37	0.0	0.0	0.0	0,0,0
712	0.02	0.45	0.02	32,31,37	0.21	0.0	0.0	31,0,0

713	0.04	0.13	0.04	31,31,37	0.0	0.0	0.0	0,0,0
714	0.06	0.29	0.07	35,32,37	0.0	0.0	0.0	0,0,0
715	0.10	0.56	0.12	32,31,37	0.21	0.0	0.17	31,0,37
716	0.41	0.74	0.46	32,31,37	0.21	0.0	0.20	31,0,37
717	0.05	0.28	0.06	35,32,37	0.0	0.0	0.0	0,0,0
718	0.07	0.17	0.08	36,32,37	0.0	0.0	0.0	0,0,0
719	0.06	0.16	0.08	36,32,37	0.0	0.0	0.0	0,0,0
720	0.09	0.13	0.10	32,31,37	0.0	0.0	0.0	0,0,0
721	0.08	0.12	0.10	35,35,37	0.0	0.0	0.0	0,0,0
722	0.05	0.13	0.06	32,31,37	0.0	0.0	0.0	0,0,0
723	0.21	0.39	0.26	36,32,37	0.10	0.0	0.09	32,0,37
724	0.08	0.17	0.09	36,32,37	0.0	0.0	0.0	0,0,0
725	0.08	0.13	0.09	32,31,37	0.0	0.0	0.0	0,0,0
726	0.06	0.27	0.07	35,32,37	0.0	0.0	0.0	0,0,0
727	0.05	0.30	0.06	35,32,37	0.0	0.0	0.0	0,0,0
728	0.04	0.51	0.04	31,31,37	0.21	0.0	0.0	31,0,0
729	0.05	0.23	0.06	35,32,37	0.0	0.0	0.0	0,0,0
730	0.05	0.14	0.06	31,31,37	0.0	0.0	0.0	0,0,0
731	0.13	0.42	0.14	31,31,37	0.14	0.0	0.0	31,0,0
732	0.06	0.31	0.06	32,31,37	0.0	0.0	0.0	0,0,0
733	0.02	0.38	0.02	35,32,37	0.0	0.0	0.0	0,0,0
734	0.19	0.21	0.21	32,32,37	0.0	0.0	0.0	0,0,0
735	0.07	0.21	0.08	35,32,37	0.0	0.0	0.0	0,0,0
736	0.05	0.18	0.06	35,32,37	0.0	0.0	0.0	0,0,0
737	0.06	0.23	0.07	35,32,37	0.0	0.0	0.0	0,0,0
738	0.31	0.40	0.35	32,32,37	0.09	0.0	0.08	32,0,37
739	0.04	0.29	0.05	32,32,37	0.0	0.0	0.0	0,0,0
740	0.02	0.38	0.02	32,31,37	0.0	0.0	0.0	0,0,0
741	0.04	0.36	0.04	35,32,37	0.0	0.0	0.0	0,0,0
742	0.07	0.23	0.08	35,32,37	0.0	0.0	0.0	0,0,0
743	0.05	0.19	0.06	35,32,37	0.0	0.0	0.0	0,0,0
744	0.04	0.15	0.05	32,31,37	0.0	0.0	0.0	0,0,0
745	0.06	0.22	0.07	35,32,37	0.0	0.0	0.0	0,0,0
746	0.08	0.37	0.09	31,31,37	0.0	0.0	0.0	0,0,0
747	0.06	0.18	0.07	36,32,37	0.0	0.0	0.0	0,0,0
748	0.07	0.16	0.09	36,32,37	0.0	0.0	0.0	0,0,0
749	0.05	0.15	0.06	31,31,37	0.0	0.0	0.0	0,0,0
750	0.05	0.34	0.05	35,32,37	0.0	0.0	0.0	0,0,0
751	0.05	0.09	0.06	31,31,37	0.0	0.0	0.0	0,0,0
752	0.08	0.17	0.09	36,32,37	0.0	0.0	0.0	0,0,0
753	0.19	0.45	0.22	32,31,37	0.13	0.0	0.0	31,0,0
754	0.07	0.55	0.08	31,31,37	0.21	0.0	0.17	31,0,37
755	0.03	0.30	0.04	35,32,37	0.0	0.0	0.0	0,0,0
756	0.13	0.23	0.15	32,31,37	0.0	0.0	0.0	0,0,0
757	0.04	0.15	0.05	31,31,37	0.0	0.0	0.0	0,0,0
758	0.07	0.23	0.09	35,32,37	0.0	0.0	0.0	0,0,0
759	0.06	0.20	0.07	32,32,37	0.0	0.0	0.0	0,0,0
760	0.32	0.43	0.36	32,31,37	0.10	0.0	0.09	31,0,37
761	0.09	0.17	0.10	32,31,37	0.0	0.0	0.0	0,0,0
762	0.03	0.30	0.03	35,32,37	0.0	0.0	0.0	0,0,0
763	0.06	0.25	0.07	35,32,37	0.0	0.0	0.0	0,0,0
764	0.25	0.54	0.30	32,32,37	0.14	0.0	0.14	31,0,37
765	0.17	0.47	0.20	32,32,37	0.13	0.0	0.11	32,0,37
766	0.15	0.32	0.18	32,32,37	0.0	0.0	0.0	0,0,0
767	0.15	0.27	0.18	32,36,37	0.0	0.0	0.0	0,0,0
768	0.11	0.33	0.13	32,36,37	0.0	0.0	0.0	0,0,0
769	0.11	0.31	0.14	32,32,37	0.0	0.0	0.0	0,0,0
770	0.11	0.25	0.13	32,32,37	0.0	0.0	0.0	0,0,0
771	0.11	0.22	0.13	32,36,37	0.0	0.0	0.0	0,0,0
772	0.06	0.33	0.07	36,32,37	0.0	0.0	0.0	0,0,0
773	0.07	0.22	0.08	36,32,37	0.0	0.0	0.0	0,0,0
774	0.07	0.18	0.08	32,36,37	0.0	0.0	0.0	0,0,0
775	0.07	0.16	0.09	32,36,37	0.0	0.0	0.0	0,0,0
776	0.04	0.16	0.04	35,32,37	0.0	0.0	0.0	0,0,0
777	0.04	0.15	0.04	36,32,37	0.0	0.0	0.0	0,0,0
778	0.04	0.13	0.05	36,36,37	0.0	0.0	0.0	0,0,0
779	0.04	0.12	0.05	36,36,37	0.0	0.0	0.0	0,0,0
780	0.02	0.16	0.01	35,32,37	0.0	0.0	0.0	0,0,0
781	0.02	0.12	0.02	35,32,37	0.0	0.0	0.0	0,0,0
782	0.02	0.10	0.02	35,36,37	0.0	0.0	0.0	0,0,0
783	0.02	0.09	0.02	36,36,37	0.0	0.0	0.0	0,0,0
784	0.01	0.10	7.91e-03	35,31,37	0.0	0.0	0.0	0,0,0
785	0.01	0.09	8.90e-03	35,32,37	0.0	0.0	0.0	0,0,0
786	9.66e-03	0.09	8.87e-03	35,32,37	0.0	0.0	0.0	0,0,0
787	8.59e-03	0.08	9.07e-03	35,32,37	0.0	0.0	0.0	0,0,0
788	0.01	0.11	8.03e-03	35,32,37	0.0	0.0	0.0	0,0,0
789	7.48e-03	0.10	6.35e-03	31,32,37	0.0	0.0	0.0	0,0,0

790	7.56e-03	0.10	7.68e-03	31,32,37	0.0	0.0	0.0	0,0,0
791	8.35e-03	0.10	9.45e-03	32,32,37	0.0	0.0	0.0	0,0,0
792	0.01	0.10	7.45e-03	35,31,37	0.0	0.0	0.0	0,0,0
793	0.01	0.11	0.01	31,31,37	0.0	0.0	0.0	0,0,0
794	0.01	0.11	0.01	32,32,37	0.0	0.0	0.0	0,0,0
795	0.01	0.12	0.02	32,32,37	0.0	0.0	0.0	0,0,0
796	0.01	0.11	9.85e-03	35,31,37	0.0	0.0	0.0	0,0,0
797	0.02	0.12	0.02	31,31,37	0.0	0.0	0.0	0,0,0
798	0.02	0.13	0.02	31,32,37	0.0	0.0	0.0	0,0,0
799	0.02	0.13	0.02	32,32,37	0.0	0.0	0.0	0,0,0
800	0.02	0.12	0.02	31,31,37	0.0	0.0	0.0	0,0,0
801	0.02	0.13	0.02	31,31,37	0.0	0.0	0.0	0,0,0
802	0.02	0.14	0.02	32,31,37	0.0	0.0	0.0	0,0,0
803	0.03	0.15	0.03	32,31,37	0.0	0.0	0.0	0,0,0
804	0.02	0.14	0.02	31,31,37	0.0	0.0	0.0	0,0,0
805	0.02	0.15	0.03	31,31,37	0.0	0.0	0.0	0,0,0
806	0.02	0.16	0.03	32,31,37	0.0	0.0	0.0	0,0,0
807	0.03	0.16	0.04	32,31,37	0.0	0.0	0.0	0,0,0
808	0.03	0.15	0.03	31,31,37	0.0	0.0	0.0	0,0,0
809	0.03	0.16	0.03	31,31,37	0.0	0.0	0.0	0,0,0
810	0.03	0.17	0.03	32,31,37	0.0	0.0	0.0	0,0,0
811	0.03	0.18	0.04	32,31,37	0.0	0.0	0.0	0,0,0
812	0.03	0.18	0.04	31,31,37	0.0	0.0	0.0	0,0,0
813	0.03	0.18	0.03	31,31,37	0.0	0.0	0.0	0,0,0
814	0.03	0.18	0.03	32,31,37	0.0	0.0	0.0	0,0,0
815	0.04	0.19	0.04	32,31,37	0.0	0.0	0.0	0,0,0
816	0.04	0.21	0.04	32,31,37	0.0	0.0	0.0	0,0,0
817	0.03	0.20	0.03	31,31,37	0.0	0.0	0.0	0,0,0
818	0.03	0.20	0.03	32,31,37	0.0	0.0	0.0	0,0,0
819	0.04	0.20	0.04	32,31,37	0.0	0.0	0.0	0,0,0
820	0.05	0.25	0.05	32,31,37	0.0	0.0	0.0	0,0,0
821	0.04	0.22	0.04	32,31,37	0.0	0.0	0.0	0,0,0
822	0.04	0.21	0.04	32,31,37	0.0	0.0	0.0	0,0,0
823	0.04	0.21	0.04	32,31,37	0.0	0.0	0.0	0,0,0
824	0.06	0.28	0.07	32,31,37	0.0	0.0	0.0	0,0,0
825	0.05	0.27	0.06	32,31,37	0.0	0.0	0.0	0,0,0
826	0.05	0.23	0.06	32,31,37	0.0	0.0	0.0	0,0,0
827	0.04	0.22	0.05	32,31,37	0.0	0.0	0.0	0,0,0
828	0.10	0.38	0.11	32,31,37	0.14	0.0	0.0	31,0,0
829	0.08	0.31	0.09	32,31,37	0.0	0.0	0.0	0,0,0
830	0.07	0.26	0.07	32,31,37	0.0	0.0	0.0	0,0,0
831	0.04	0.29	0.05	32,31,37	0.0	0.0	0.0	0,0,0
832	0.15	0.64	0.17	32,31,37	0.29	0.0	0.25	31,0,37
833	0.13	0.41	0.15	32,31,37	0.0	0.0	0.0	0,0,0
834	0.09	0.35	0.10	32,31,37	0.0	0.0	0.0	0,0,0
835	0.04	0.37	0.05	32,31,37	0.0	0.0	0.0	0,0,0
836	0.24	1.60	0.28	32,31,37	1.08	0.0	0.95	31,0,37
837	0.24	0.92	0.28	32,32,37	0.43	0.0	0.41	32,0,37
838	0.11	0.47	0.13	32,32,37	0.0	0.0	0.0	0,0,0
839	0.05	0.44	0.05	35,31,37	0.0	0.0	0.0	0,0,0
840	1.20	2.66	1.35	31,32,37	1.04	0.0	0.90	32,0,37
841	0.30	1.35	0.34	32,32,37	0.51	0.0	0.46	32,0,37
842	0.14	0.45	0.17	32,32,37	0.12	0.0	0.0	32,0,0
843	0.07	0.53	0.08	35,31,37	0.22	0.0	0.17	31,0,37
844	0.09	0.18	0.11	32,32,37	0.0	0.0	0.0	0,0,0
845	0.17	0.25	0.20	32,32,37	0.0	0.0	0.0	0,0,0
846	0.49	0.63	0.57	32,32,37	0.16	0.0	0.16	32,0,37
847	0.14	0.25	0.16	32,32,37	0.0	0.0	0.0	0,0,0
848	0.22	0.42	0.27	32,32,37	0.11	0.0	0.0	32,0,0
849	0.16	0.26	0.19	32,32,37	0.0	0.0	0.0	0,0,0
850	0.15	0.28	0.18	32,32,37	0.0	0.0	0.0	0,0,0
851	0.17	0.33	0.21	32,32,37	0.0	0.0	0.0	0,0,0
852	0.18	0.30	0.21	32,32,37	0.0	0.0	0.0	0,0,0
853	0.17	0.37	0.20	32,32,37	0.0	0.0	0.0	0,0,0
854	0.14	0.21	0.17	32,32,37	0.0	0.0	0.0	0,0,0
855	0.12	0.30	0.15	32,36,37	0.0	0.0	0.0	0,0,0
856	0.05	0.07	0.06	31,36,37	0.0	0.0	0.0	0,0,0
857	0.10	0.22	0.12	32,36,37	0.0	0.0	0.0	0,0,0
858	0.09	0.14	0.11	32,32,37	0.0	0.0	0.0	0,0,0
859	0.16	0.30	0.19	32,32,37	0.0	0.0	0.0	0,0,0
860	0.15	0.23	0.18	32,32,37	0.0	0.0	0.0	0,0,0
861	0.11	0.21	0.13	32,32,37	0.0	0.0	0.0	0,0,0
862	0.08	0.15	0.09	31,32,37	0.0	0.0	0.0	0,0,0
863	0.17	0.27	0.20	32,32,37	0.0	0.0	0.0	0,0,0
864	0.08	0.12	0.09	32,32,37	0.0	0.0	0.0	0,0,0
865	0.07	0.16	0.08	31,36,37	0.0	0.0	0.0	0,0,0
866	0.18	0.30	0.21	32,32,37	0.0	0.0	0.0	0,0,0

867	0.15	0.34	0.17	32,32,37	0.0	0.0	0.0	0,0,0
868	0.16	0.27	0.19	32,32,37	0.0	0.0	0.0	0,0,0
869	0.18	0.27	0.21	32,32,37	0.0	0.0	0.0	0,0,0
870	0.17	0.36	0.20	32,32,37	0.0	0.0	0.0	0,0,0
871	0.17	0.33	0.21	32,32,37	0.0	0.0	0.0	0,0,0
872	0.17	0.33	0.20	32,32,37	0.0	0.0	0.0	0,0,0
873	0.14	0.22	0.17	32,32,37	0.0	0.0	0.0	0,0,0
874	0.06	0.14	0.08	36,36,37	0.0	0.0	0.0	0,0,0
875	0.09	0.15	0.10	36,36,37	0.0	0.0	0.0	0,0,0
876	0.07	0.13	0.09	32,32,37	0.0	0.0	0.0	0,0,0
877	0.14	0.31	0.17	32,32,37	0.0	0.0	0.0	0,0,0
878	0.13	0.27	0.16	32,32,37	0.0	0.0	0.0	0,0,0
879	0.14	0.27	0.16	36,36,37	0.0	0.0	0.0	0,0,0
880	0.19	0.28	0.22	32,32,37	0.0	0.0	0.0	0,0,0
881	0.09	0.19	0.11	32,32,37	0.0	0.0	0.0	0,0,0
882	0.19	0.28	0.22	32,32,37	0.0	0.0	0.0	0,0,0
883	0.19	0.28	0.22	32,32,37	0.0	0.0	0.0	0,0,0
884	0.17	0.31	0.20	32,32,37	0.0	0.0	0.0	0,0,0
885	0.06	0.13	0.07	32,32,37	0.0	0.0	0.0	0,0,0
886	0.13	0.24	0.15	32,32,37	0.0	0.0	0.0	0,0,0
887	0.18	0.30	0.21	32,32,37	0.0	0.0	0.0	0,0,0
888	0.14	0.23	0.16	32,32,37	0.0	0.0	0.0	0,0,0
889	0.06	0.12	0.07	32,32,37	0.0	0.0	0.0	0,0,0
890	0.14	0.24	0.16	32,32,37	0.0	0.0	0.0	0,0,0
891	0.15	0.26	0.18	32,36,37	0.0	0.0	0.0	0,0,0
892	0.05	0.08	0.05	31,36,37	0.0	0.0	0.0	0,0,0
893	0.11	0.20	0.13	32,32,37	0.0	0.0	0.0	0,0,0
894	0.06	0.19	0.07	32,36,37	0.0	0.0	0.0	0,0,0
895	0.06	0.13	0.08	32,32,37	0.0	0.0	0.0	0,0,0
896	0.28	0.45	0.33	32,32,37	0.11	0.0	0.10	32,0,37
897	0.16	0.34	0.19	32,32,37	0.0	0.0	0.0	0,0,0
898	0.17	0.37	0.20	32,32,37	0.0	0.0	0.0	0,0,0
899	0.09	0.15	0.11	32,32,37	0.0	0.0	0.0	0,0,0
900	0.16	0.24	0.20	32,32,37	0.0	0.0	0.0	0,0,0
901	0.07	0.17	0.08	32,36,37	0.0	0.0	0.0	0,0,0
902	0.18	0.27	0.21	32,32,37	0.0	0.0	0.0	0,0,0
903	0.10	0.25	0.11	32,36,37	0.0	0.0	0.0	0,0,0
904	0.11	0.17	0.14	32,32,37	0.0	0.0	0.0	0,0,0
905	0.11	0.17	0.14	32,32,37	0.0	0.0	0.0	0,0,0
906	0.16	0.36	0.19	32,32,37	0.0	0.0	0.0	0,0,0
907	0.03	0.12	0.02	31,35,37	0.0	0.0	0.0	0,0,0
908	0.21	0.31	0.24	32,32,37	0.0	0.0	0.0	0,0,0
909	0.12	0.26	0.14	32,32,37	0.0	0.0	0.0	0,0,0
910	0.04	0.10	0.04	31,36,37	0.0	0.0	0.0	0,0,0
911	0.21	0.38	0.25	36,36,37	0.09	0.0	0.08	36,0,37
912	0.17	0.29	0.21	32,32,37	0.0	0.0	0.0	0,0,0
913	0.10	0.18	0.12	32,32,37	0.0	0.0	0.0	0,0,0
914	0.15	0.30	0.18	32,32,37	0.0	0.0	0.0	0,0,0
915	0.16	0.28	0.19	32,32,37	0.0	0.0	0.0	0,0,0
916	0.12	0.22	0.15	32,32,37	0.0	0.0	0.0	0,0,0
917	0.17	0.29	0.21	32,32,37	0.0	0.0	0.0	0,0,0
918	0.17	0.33	0.21	32,32,37	0.0	0.0	0.0	0,0,0
919	0.07	0.14	0.09	32,36,37	0.0	0.0	0.0	0,0,0
920	0.07	0.19	0.08	36,36,37	0.0	0.0	0.0	0,0,0
921	0.47	0.64	0.57	36,32,37	0.17	0.0	0.17	32,0,37
922	0.26	0.44	0.31	36,32,37	0.11	0.0	0.10	32,0,37
923	0.14	0.27	0.17	36,36,37	0.0	0.0	0.0	0,0,0
924	0.08	0.16	0.10	32,36,37	0.0	0.0	0.0	0,0,0
925	0.14	0.23	0.16	32,32,37	0.0	0.0	0.0	0,0,0
926	0.18	0.30	0.21	32,32,37	0.0	0.0	0.0	0,0,0
927	0.22	0.36	0.26	32,32,37	0.09	0.0	0.0	32,0,0
928	0.25	0.41	0.30	32,32,37	0.10	0.0	0.09	32,0,37
929	0.28	0.45	0.33	32,32,37	0.11	0.0	0.10	32,0,37
930	0.29	0.48	0.35	32,32,37	0.12	0.0	0.11	32,0,37
931	0.30	0.49	0.36	32,32,37	0.12	0.0	0.11	32,0,37
932	0.31	0.49	0.36	32,32,37	0.12	0.0	0.12	32,0,37
933	0.31	0.49	0.36	32,32,37	0.12	0.0	0.12	32,0,37
934	0.30	0.49	0.36	32,32,37	0.12	0.0	0.11	32,0,37
935	0.29	0.47	0.34	32,32,37	0.11	0.0	0.11	32,0,37
936	0.27	0.44	0.32	32,32,37	0.11	0.0	0.09	32,0,37
937	0.25	0.39	0.29	32,32,37	0.10	0.0	0.08	32,0,37
938	0.21	0.34	0.25	32,32,37	0.08	0.0	0.0	32,0,0
939	0.17	0.28	0.20	32,32,37	0.0	0.0	0.0	0,0,0
940	0.13	0.20	0.15	32,32,37	0.0	0.0	0.0	0,0,0
941	0.07	0.11	0.08	31,31,37	0.0	0.0	0.0	0,0,0
942	0.10	0.14	0.11	32,32,37	0.0	0.0	0.0	0,0,0
943	0.21	0.32	0.25	32,32,37	0.08	0.0	0.0	32,0,0

944	0.46	0.78	0.54	32,32,37	0.22	0.0	0.22	32,0,37
945	0.75	1.36	0.90	32,32,37	0.47	0.0	0.44	32,0,37
946	0.27	0.38	0.32	32,36,37	0.09	0.0	0.08	36,0,37
947	0.19	0.25	0.23	32,36,37	0.0	0.0	0.0	0,0,0
948	0.11	0.19	0.14	36,36,37	0.0	0.0	0.0	0,0,0
949	0.10	0.13	0.11	36,36,37	0.0	0.0	0.0	0,0,0
950	0.05	0.11	0.06	35,36,37	0.0	0.0	0.0	0,0,0
951	0.09	0.10	0.10	32,32,37	0.0	0.0	0.0	0,0,0
952	0.14	0.19	0.16	32,32,37	0.0	0.0	0.0	0,0,0
953	0.18	0.26	0.22	32,32,37	0.0	0.0	0.0	0,0,0
954	0.22	0.33	0.26	32,32,37	0.08	0.0	0.0	32,0,0
955	0.25	0.38	0.30	32,32,37	0.09	0.0	0.08	32,0,37
956	0.28	0.41	0.33	32,32,37	0.10	0.0	0.09	32,0,37
957	0.29	0.44	0.35	32,32,37	0.11	0.0	0.10	32,0,37
958	0.30	0.45	0.36	32,32,37	0.11	0.0	0.10	32,0,37
959	0.31	0.46	0.36	32,32,37	0.11	0.0	0.10	32,0,37
960	0.31	0.46	0.36	32,32,37	0.11	0.0	0.10	32,0,37
961	0.30	0.45	0.35	32,32,37	0.11	0.0	0.10	32,0,37
962	0.29	0.43	0.34	32,32,37	0.10	0.0	0.09	32,0,37
963	0.27	0.40	0.32	32,32,37	0.10	0.0	0.09	32,0,37
964	0.24	0.36	0.29	32,32,37	0.09	0.0	0.08	32,0,37
965	0.21	0.31	0.25	32,32,37	0.0	0.0	0.0	0,0,0
966	0.17	0.24	0.20	32,32,37	0.0	0.0	0.0	0,0,0
967	0.12	0.17	0.14	32,32,37	0.0	0.0	0.0	0,0,0
968	0.06	0.09	0.07	32,31,37	0.0	0.0	0.0	0,0,0
969	0.09	0.14	0.11	32,32,37	0.0	0.0	0.0	0,0,0
970	0.19	0.29	0.23	32,32,37	0.0	0.0	0.0	0,0,0
971	0.26	0.39	0.31	32,32,37	0.09	0.0	0.08	32,0,37
972	0.30	0.46	0.36	32,32,37	0.11	0.0	0.11	32,0,37
973	0.24	0.33	0.28	32,36,37	0.08	0.0	0.0	36,0,0
974	0.17	0.22	0.20	36,36,37	0.0	0.0	0.0	0,0,0
975	0.03	0.03	0.03	36,35,37	0.0	0.0	0.0	0,0,0
976	0.03	0.03	0.03	36,32,37	0.0	0.0	0.0	0,0,0
977	0.04	0.03	0.05	32,32,37	0.0	0.0	0.0	0,0,0
978	0.09	0.08	0.11	32,32,37	0.0	0.0	0.0	0,0,0
979	0.14	0.16	0.16	32,32,37	0.0	0.0	0.0	0,0,0
980	0.18	0.23	0.22	32,32,37	0.0	0.0	0.0	0,0,0
981	0.22	0.29	0.26	32,32,37	0.0	0.0	0.0	0,0,0
982	0.25	0.34	0.30	32,32,37	0.08	0.0	0.07	32,0,37
983	0.28	0.38	0.33	32,32,37	0.09	0.0	0.08	32,0,37
984	0.30	0.41	0.35	32,32,37	0.10	0.0	0.09	32,0,37
985	0.31	0.42	0.36	32,32,37	0.10	0.0	0.09	32,0,37
986	0.31	0.43	0.36	32,32,37	0.10	0.0	0.09	32,0,37
987	0.31	0.43	0.36	32,32,37	0.10	0.0	0.09	32,0,37
988	0.30	0.42	0.36	32,32,37	0.10	0.0	0.09	32,0,37
989	0.29	0.40	0.34	32,32,37	0.10	0.0	0.08	32,0,37
990	0.27	0.37	0.32	32,32,37	0.09	0.0	0.08	32,0,37
991	0.24	0.33	0.28	32,32,37	0.08	0.0	0.0	32,0,0
992	0.20	0.28	0.24	32,32,37	0.0	0.0	0.0	0,0,0
993	0.16	0.21	0.19	32,32,37	0.0	0.0	0.0	0,0,0
994	0.11	0.13	0.13	32,32,37	0.0	0.0	0.0	0,0,0
995	0.05	0.05	0.06	32,32,37	0.0	0.0	0.0	0,0,0
996	0.08	0.09	0.10	32,36,37	0.0	0.0	0.0	0,0,0
997	0.15	0.19	0.17	32,32,37	0.0	0.0	0.0	0,0,0
998	0.19	0.25	0.22	32,32,37	0.0	0.0	0.0	0,0,0
999	0.19	0.26	0.23	32,32,37	0.0	0.0	0.0	0,0,0
1000	0.18	0.23	0.21	32,36,37	0.0	0.0	0.0	0,0,0
1001	0.12	0.15	0.15	32,36,37	0.0	0.0	0.0	0,0,0
1002	0.29	0.44	0.35	35,36,37	0.11	0.0	0.10	36,0,37
1003	0.09	0.20	0.11	32,32,37	0.0	0.0	0.0	0,0,0
1004	0.04	0.04	0.04	35,35,37	0.0	0.0	0.0	0,0,0
1005	0.16	0.38	0.19	35,32,37	0.10	0.0	0.0	36,0,0
1006	0.08	0.15	0.10	35,32,37	0.0	0.0	0.0	0,0,0
1007	0.03	0.03	0.04	35,36,37	0.0	0.0	0.0	0,0,0
1008	0.09	0.26	0.10	35,32,37	0.0	0.0	0.0	0,0,0
1009	0.05	0.12	0.06	35,32,37	0.0	0.0	0.0	0,0,0
1010	0.03	0.04	0.03	35,32,37	0.0	0.0	0.0	0,0,0
1011	0.06	0.17	0.07	35,32,37	0.0	0.0	0.0	0,0,0
1012	0.03	0.10	0.03	36,32,37	0.0	0.0	0.0	0,0,0
1013	0.02	0.07	0.02	35,31,37	0.0	0.0	0.0	0,0,0
1014	0.04	0.11	0.05	36,31,37	0.0	0.0	0.0	0,0,0
1015	0.04	0.13	0.05	36,32,37	0.0	0.0	0.0	0,0,0
1016	0.04	0.15	0.04	35,32,37	0.0	0.0	0.0	0,0,0
1017	0.06	0.15	0.07	36,32,37	0.0	0.0	0.0	0,0,0
1018	0.06	0.18	0.07	36,32,37	0.0	0.0	0.0	0,0,0
1019	0.05	0.23	0.06	35,32,37	0.0	0.0	0.0	0,0,0
1020	0.08	0.17	0.10	36,32,37	0.0	0.0	0.0	0,0,0

1021	0.08	0.24	0.09	36,32,37	0.0	0.0	0.0	0,0,0
1022	0.06	0.31	0.08	35,32,37	0.0	0.0	0.0	0,0,0
1023	0.09	0.19	0.11	36,32,37	0.0	0.0	0.0	0,0,0
1024	0.09	0.28	0.11	36,32,37	0.0	0.0	0.0	0,0,0
1025	0.07	0.38	0.08	35,32,37	0.0	0.0	0.0	0,0,0
1026	0.10	0.20	0.12	36,32,37	0.0	0.0	0.0	0,0,0
1027	0.09	0.32	0.11	35,32,37	0.0	0.0	0.0	0,0,0
1028	0.07	0.44	0.08	35,32,37	0.0	0.0	0.0	0,0,0
1029	0.10	0.21	0.12	36,32,37	0.0	0.0	0.0	0,0,0
1030	0.09	0.35	0.11	35,32,37	0.0	0.0	0.0	0,0,0
1031	0.07	0.49	0.08	35,32,37	0.18	0.0	0.0	31,0,0
1032	0.10	0.21	0.12	36,32,37	0.0	0.0	0.0	0,0,0
1033	0.09	0.36	0.11	35,32,37	0.0	0.0	0.0	0,0,0
1034	0.06	0.54	0.07	35,32,37	0.20	0.0	0.17	31,0,37
1035	0.09	0.20	0.11	35,32,37	0.0	0.0	0.0	0,0,0
1036	0.09	0.37	0.11	35,32,37	0.13	0.0	0.0	32,0,0
1037	0.04	0.57	0.05	35,32,37	0.23	0.0	0.19	31,0,37
1038	0.08	0.19	0.10	35,32,37	0.0	0.0	0.0	0,0,0
1039	0.08	0.37	0.10	35,32,37	0.13	0.0	0.0	31,0,0
1040	0.02	0.58	0.02	35,31,37	0.26	0.0	0.22	31,0,37
1041	0.07	0.17	0.08	36,32,37	0.0	0.0	0.0	0,0,0
1042	0.06	0.37	0.08	35,32,37	0.0	0.0	0.0	0,0,0
1043	0.02	0.59	0.02	31,31,37	0.29	0.0	0.24	31,0,37
1044	0.06	0.14	0.07	32,32,37	0.0	0.0	0.0	0,0,0
1045	0.06	0.35	0.06	32,32,37	0.0	0.0	0.0	0,0,0
1046	0.03	0.62	0.04	31,31,37	0.31	0.0	0.26	31,0,37
1047	0.10	0.17	0.11	32,31,37	0.0	0.0	0.0	0,0,0
1048	0.10	0.42	0.11	31,31,37	0.17	0.0	0.0	31,0,0
1049	0.07	0.71	0.08	31,31,37	0.31	0.0	0.29	31,0,37
1050	0.16	0.26	0.19	32,31,37	0.0	0.0	0.0	0,0,0
1051	0.16	0.52	0.18	31,31,37	0.18	0.0	0.15	31,0,37
1052	0.13	0.78	0.15	31,31,37	0.32	0.0	0.29	31,0,37
1053	0.29	0.44	0.34	32,31,37	0.11	0.0	0.10	31,0,37
1054	0.25	0.59	0.29	32,31,37	0.18	0.0	0.15	31,0,37
1055	0.20	0.80	0.23	32,31,37	0.32	0.0	0.29	31,0,37
1056	0.54	1.04	0.61	32,31,37	0.36	0.0	0.33	31,0,37
1057	0.37	0.63	0.42	32,32,37	0.19	0.0	0.17	31,0,37
1058	0.24	0.81	0.27	32,31,37	0.30	0.0	0.27	31,0,37
1059	0.83	2.39	0.95	32,32,37	0.93	0.0	0.82	32,0,37
1060	0.38	1.13	0.44	32,32,37	0.39	0.0	0.35	32,0,37
1061	0.26	0.79	0.30	32,31,37	0.26	0.0	0.24	31,0,37
1062	1.02	1.50	1.14	31,31,37	0.51	0.0	0.45	31,0,37
1063	0.20	0.70	0.24	32,32,37	0.20	0.0	0.19	32,0,37
1064	2.69	4.58	3.09	32,32,37	1.78	0.0	1.55	32,0,37
1065	0.14	0.17	0.16	31,31,37	0.0	0.0	0.0	0,0,0
1066	0.22	0.34	0.25	32,32,37	0.08	0.0	0.0	32,0,0
1067	0.24	0.37	0.28	32,31,37	0.0	0.0	0.0	0,0,0
1068	0.07	0.11	0.08	31,31,37	0.0	0.0	0.0	0,0,0
1069	0.09	0.18	0.11	32,31,37	0.0	0.0	0.0	0,0,0
1070	0.10	0.22	0.11	31,31,37	0.0	0.0	0.0	0,0,0
1071	0.06	0.09	0.07	31,31,37	0.0	0.0	0.0	0,0,0
1072	0.07	0.12	0.07	31,31,37	0.0	0.0	0.0	0,0,0
1073	0.08	0.14	0.08	31,31,37	0.0	0.0	0.0	0,0,0
1074	0.05	0.08	0.06	31,31,37	0.0	0.0	0.0	0,0,0
1075	0.05	0.07	0.05	31,31,37	0.0	0.0	0.0	0,0,0
1076	0.06	0.12	0.06	31,32,37	0.0	0.0	0.0	0,0,0
1077	0.04	0.08	0.05	31,31,37	0.0	0.0	0.0	0,0,0
1078	0.04	0.08	0.04	31,31,37	0.0	0.0	0.0	0,0,0
1079	0.04	0.08	0.04	31,31,37	0.0	0.0	0.0	0,0,0
1080	0.04	0.11	0.04	31,31,37	0.0	0.0	0.0	0,0,0
1081	0.03	0.10	0.03	31,31,37	0.0	0.0	0.0	0,0,0
1082	0.02	0.13	0.02	31,31,37	0.0	0.0	0.0	0,0,0
1083	0.03	0.14	0.04	31,31,37	0.0	0.0	0.0	0,0,0
1084	0.03	0.14	0.03	32,31,37	0.0	0.0	0.0	0,0,0
1085	0.03	0.14	0.03	31,31,37	0.0	0.0	0.0	0,0,0
1086	0.04	0.18	0.05	32,31,37	0.0	0.0	0.0	0,0,0
1087	0.03	0.18	0.04	31,31,37	0.0	0.0	0.0	0,0,0
1088	0.04	0.21	0.04	31,31,37	0.0	0.0	0.0	0,0,0
1089	0.05	0.23	0.06	32,31,37	0.0	0.0	0.0	0,0,0
1090	0.04	0.22	0.04	31,31,37	0.0	0.0	0.0	0,0,0
1091	0.05	0.23	0.05	31,31,37	0.0	0.0	0.0	0,0,0
1092	0.05	0.28	0.06	32,31,37	0.0	0.0	0.0	0,0,0
1093	0.05	0.27	0.05	31,31,37	0.0	0.0	0.0	0,0,0
1094	0.07	0.34	0.07	31,31,37	0.0	0.0	0.0	0,0,0
1095	0.05	0.33	0.06	32,31,37	0.0	0.0	0.0	0,0,0
1096	0.05	0.33	0.05	31,31,37	0.0	0.0	0.0	0,0,0
1097	0.07	0.37	0.07	31,31,37	0.0	0.0	0.0	0,0,0

1098	0.06	0.37	0.07	32,31,37	0.0	0.0	0.0	0,0,0
1099	0.06	0.40	0.07	32,31,37	0.0	0.0	0.0	0,0,0
1100	0.11	0.57	0.12	31,31,37	0.24	0.0	0.20	31,0,37
1101	0.07	0.39	0.08	32,31,37	0.0	0.0	0.0	0,0,0
1102	0.10	0.48	0.11	32,31,37	0.19	0.0	0.15	31,0,37
1103	0.12	0.65	0.13	31,31,37	0.27	0.0	0.24	31,0,37
1104	0.08	0.51	0.10	32,31,37	0.24	0.0	0.18	31,0,37
1105	0.19	0.78	0.22	32,32,37	0.37	0.0	0.36	31,0,37
1106	0.26	1.82	0.28	31,31,37	1.24	0.0	1.07	31,0,37
1107	0.10	0.53	0.11	32,31,37	0.26	0.0	0.21	31,0,37
1108	0.21	1.11	0.25	32,32,37	0.40	0.0	0.37	31,0,37
1109	1.01	2.58	1.14	31,32,37	1.01	0.0	0.88	32,0,37
1128	0.07	0.16	0.09	36,32,37	0.0	0.0	0.0	0,0,0
1129	0.12	0.11	0.13	32,32,37	0.0	0.0	0.0	0,0,0
1130	0.52	0.86	0.59	32,32,37	0.27	0.0	0.25	32,0,37
1131	0.07	0.17	0.09	36,32,37	0.0	0.0	0.0	0,0,0
1132	0.05	0.13	0.06	32,31,37	0.0	0.0	0.0	0,0,0
1133	3.06	4.41	3.46	31,31,37	1.67	0.0	1.43	31,0,37
1134	0.14	0.16	0.17	32,32,37	0.0	0.0	0.0	0,0,0
1135	0.13	0.17	0.15	32,32,37	0.0	0.0	0.0	0,0,0
1136	0.09	0.13	0.11	32,32,37	0.0	0.0	0.0	0,0,0
1137	0.44	0.56	0.50	31,31,37	0.15	0.0	0.14	31,0,37
1138	0.13	0.14	0.15	32,32,37	0.0	0.0	0.0	0,0,0
1139	0.17	0.22	0.19	32,32,37	0.0	0.0	0.0	0,0,0
1140	0.11	0.13	0.12	32,32,37	0.0	0.0	0.0	0,0,0
1141	0.12	0.15	0.14	32,32,37	0.0	0.0	0.0	0,0,0
1142	0.12	0.14	0.14	32,32,37	0.0	0.0	0.0	0,0,0
1143	0.13	0.17	0.15	32,32,37	0.0	0.0	0.0	0,0,0
1144	0.12	0.17	0.14	32,32,37	0.0	0.0	0.0	0,0,0
1145	0.13	0.14	0.15	32,32,37	0.0	0.0	0.0	0,0,0
1146	0.23	0.28	0.26	31,31,37	0.0	0.0	0.0	0,0,0
1147	0.11	0.15	0.13	32,32,37	0.0	0.0	0.0	0,0,0
1148	0.30	0.61	0.34	31,31,37	0.16	0.0	0.15	31,0,37
1149	0.09	0.21	0.11	32,32,37	0.0	0.0	0.0	0,0,0
1150	0.19	0.40	0.22	31,31,37	0.10	0.0	0.0	31,0,0
1151	0.18	0.39	0.20	31,31,37	0.10	0.0	0.0	31,0,0
1152	0.15	0.17	0.17	32,32,37	0.0	0.0	0.0	0,0,0
1153	0.68	1.25	0.67	35,36,37	0.43	0.0	0.40	32,0,37
1154	0.11	0.18	0.13	32,32,37	0.0	0.0	0.0	0,0,0
1155	0.16	0.23	0.18	32,32,37	0.0	0.0	0.0	0,0,0
1156	0.20	0.44	0.23	31,31,37	0.11	0.0	0.0	31,0,0
1157	0.10	0.18	0.12	32,32,37	0.0	0.0	0.0	0,0,0
1158	0.12	0.14	0.14	32,32,37	0.0	0.0	0.0	0,0,0
1159	0.14	0.21	0.16	31,31,37	0.0	0.0	0.0	0,0,0
1160	0.13	0.15	0.15	32,32,37	0.0	0.0	0.0	0,0,0
1161	0.13	0.18	0.16	32,32,37	0.0	0.0	0.0	0,0,0
1162	1.03	1.38	1.17	31,31,37	0.46	0.0	0.40	31,0,37
1163	0.12	0.14	0.14	31,32,37	0.0	0.0	0.0	0,0,0
1164	0.11	0.15	0.13	32,32,37	0.0	0.0	0.0	0,0,0
1165	0.11	0.15	0.13	32,32,37	0.0	0.0	0.0	0,0,0
1166	0.10	0.17	0.11	36,36,37	0.0	0.0	0.0	0,0,0
1167	0.43	0.82	0.50	36,36,37	0.24	0.0	0.24	36,0,37
1168	4.90	7.75	5.71	36,36,37	3.04	0.0	2.67	36,0,37
1169	0.10	0.17	0.11	36,36,37	0.0	0.0	0.0	0,0,0
1170	0.34	0.55	0.40	36,36,37	0.13	0.0	0.13	36,0,37
1171	0.53	0.75	0.61	36,36,37	0.21	0.0	0.20	36,0,37
1172	0.09	0.16	0.11	32,32,37	0.0	0.0	0.0	0,0,0
1173	0.15	0.22	0.18	36,36,37	0.0	0.0	0.0	0,0,0
1174	0.16	0.22	0.18	35,35,37	0.0	0.0	0.0	0,0,0
1175	0.15	0.24	0.17	32,32,37	0.0	0.0	0.0	0,0,0
1176	0.15	0.24	0.18	32,32,37	0.0	0.0	0.0	0,0,0
1177	0.15	0.23	0.18	32,32,37	0.0	0.0	0.0	0,0,0
1178	0.20	0.32	0.23	32,32,37	0.0	0.0	0.0	0,0,0
1179	0.21	0.32	0.24	32,32,37	0.08	0.0	0.0	32,0,0
1180	0.21	0.31	0.24	32,32,37	0.07	0.0	0.0	32,0,0
1181	0.24	0.38	0.28	32,32,37	0.09	0.0	0.08	32,0,37
1182	0.25	0.38	0.29	32,32,37	0.09	0.0	0.08	32,0,37
1183	0.26	0.38	0.30	32,32,37	0.09	0.0	0.08	32,0,37
1184	0.28	0.44	0.33	32,32,37	0.11	0.0	0.10	32,0,37
1185	0.29	0.44	0.34	32,32,37	0.11	0.0	0.10	32,0,37
1186	0.30	0.44	0.35	32,32,37	0.11	0.0	0.10	32,0,37
1187	0.31	0.49	0.36	36,36,37	0.12	0.0	0.11	32,0,37
1188	0.32	0.49	0.37	32,32,37	0.12	0.0	0.11	32,0,37
1189	0.33	0.49	0.38	32,32,37	0.12	0.0	0.11	32,0,37
1190	0.33	0.53	0.39	36,36,37	0.13	0.0	0.13	36,0,37
1191	0.34	0.53	0.40	32,32,37	0.13	0.0	0.13	32,0,37
1192	0.35	0.53	0.41	32,32,37	0.13	0.0	0.13	32,0,37

1193	0.35	0.55	0.41	36,36,37	0.13	0.0	0.14	36,0,37
1194	0.36	0.55	0.42	32,32,37	0.13	0.0	0.14	32,0,37
1195	0.37	0.56	0.43	32,32,37	0.13	0.0	0.14	32,0,37
1196	0.36	0.57	0.42	36,36,37	0.14	0.0	0.14	36,0,37
1197	0.37	0.57	0.43	32,32,37	0.14	0.0	0.14	32,0,37
1198	0.38	0.57	0.44	32,32,37	0.14	0.0	0.14	32,0,37
1199	0.37	0.58	0.43	36,36,37	0.14	0.0	0.14	36,0,37
1200	0.37	0.58	0.44	32,32,37	0.14	0.0	0.14	32,0,37
1201	0.38	0.58	0.45	32,32,37	0.14	0.0	0.15	32,0,37
1202	0.37	0.58	0.43	36,36,37	0.14	0.0	0.14	36,0,37
1203	0.37	0.58	0.44	32,32,37	0.14	0.0	0.14	32,0,37
1204	0.38	0.58	0.45	32,32,37	0.14	0.0	0.15	32,0,37
1205	0.36	0.57	0.43	36,36,37	0.14	0.0	0.14	36,0,37
1206	0.37	0.58	0.44	32,32,37	0.14	0.0	0.14	32,0,37
1207	0.38	0.58	0.44	32,32,37	0.14	0.0	0.14	32,0,37
1208	0.35	0.56	0.41	36,32,37	0.14	0.0	0.14	36,0,37
1209	0.36	0.56	0.42	32,32,37	0.14	0.0	0.14	32,0,37
1210	0.37	0.57	0.43	32,32,37	0.14	0.0	0.14	32,0,37
1211	0.34	0.53	0.40	36,32,37	0.13	0.0	0.13	32,0,37
1212	0.35	0.54	0.41	32,32,37	0.13	0.0	0.13	32,0,37
1213	0.35	0.55	0.41	32,32,37	0.13	0.0	0.13	32,0,37
1214	0.31	0.50	0.37	36,32,37	0.12	0.0	0.12	32,0,37
1215	0.32	0.51	0.38	32,32,37	0.12	0.0	0.12	32,0,37
1216	0.33	0.51	0.38	32,32,37	0.12	0.0	0.12	32,0,37
1217	0.29	0.45	0.33	32,32,37	0.11	0.0	0.10	32,0,37
1218	0.29	0.46	0.34	32,32,37	0.11	0.0	0.10	32,0,37
1219	0.30	0.47	0.35	32,32,37	0.11	0.0	0.11	32,0,37
1220	0.25	0.40	0.29	32,32,37	0.10	0.0	0.09	32,0,37
1221	0.26	0.41	0.30	32,32,37	0.10	0.0	0.09	32,0,37
1222	0.27	0.42	0.31	32,32,37	0.10	0.0	0.09	32,0,37
1223	0.21	0.34	0.25	32,32,37	0.08	0.0	0.0	32,0,0
1224	0.22	0.35	0.25	32,32,37	0.09	0.0	0.0	32,0,0
1225	0.22	0.36	0.26	32,32,37	0.09	0.0	0.0	32,0,0
1226	0.16	0.27	0.19	32,32,37	0.0	0.0	0.0	0,0,0
1227	0.17	0.28	0.19	32,32,37	0.0	0.0	0.0	0,0,0
1228	0.18	0.29	0.20	32,32,37	0.0	0.0	0.0	0,0,0
1229	0.12	0.19	0.13	32,32,37	0.0	0.0	0.0	0,0,0
1230	0.11	0.19	0.13	32,32,37	0.0	0.0	0.0	0,0,0
1231	0.11	0.21	0.13	32,32,37	0.0	0.0	0.0	0,0,0
1232	0.07	0.11	0.08	32,32,37	0.0	0.0	0.0	0,0,0
1233	0.14	0.24	0.14	35,35,37	0.0	0.0	0.0	0,0,0
1234	0.35	0.81	0.41	36,36,37	0.24	0.0	0.23	36,0,37
1235	0.06	0.08	0.06	31,31,37	0.0	0.0	0.0	0,0,0
1236	0.35	0.48	0.40	36,36,37	0.11	0.0	0.11	36,0,37
1237	3.31	5.34	3.79	36,36,37	2.07	0.0	1.80	36,0,37
1238	0.16	0.27	0.19	36,36,37	0.0	0.0	0.0	0,0,0
1239	0.15	0.25	0.17	36,36,37	0.0	0.0	0.0	0,0,0
1240	0.14	0.23	0.16	32,32,37	0.0	0.0	0.0	0,0,0
1241	0.19	0.30	0.22	32,32,37	0.0	0.0	0.0	0,0,0
1242	0.24	0.37	0.28	32,32,37	0.09	0.0	0.08	32,0,37
1243	0.28	0.43	0.33	32,32,37	0.10	0.0	0.09	32,0,37
1244	0.32	0.48	0.37	32,32,37	0.12	0.0	0.11	32,0,37
1245	0.34	0.52	0.40	32,32,37	0.13	0.0	0.12	32,0,37
1246	0.36	0.55	0.42	32,32,37	0.13	0.0	0.13	32,0,37
1247	0.38	0.57	0.44	32,32,37	0.14	0.0	0.14	32,0,37
1248	0.38	0.58	0.45	32,32,37	0.14	0.0	0.14	32,0,37
1249	0.38	0.58	0.45	32,32,37	0.14	0.0	0.14	32,0,37
1250	0.38	0.58	0.45	32,32,37	0.14	0.0	0.14	32,0,37
1251	0.38	0.57	0.44	32,32,37	0.14	0.0	0.14	32,0,37
1252	0.36	0.55	0.42	32,32,37	0.13	0.0	0.13	32,0,37
1253	0.34	0.51	0.40	32,32,37	0.12	0.0	0.12	32,0,37
1254	0.31	0.47	0.36	32,32,37	0.11	0.0	0.11	32,0,37
1255	0.28	0.42	0.32	32,32,37	0.10	0.0	0.09	32,0,37
1256	0.23	0.36	0.27	32,32,37	0.09	0.0	0.0	32,0,0
1257	0.18	0.28	0.21	32,32,37	0.0	0.0	0.0	0,0,0
1258	0.13	0.20	0.15	32,32,37	0.0	0.0	0.0	0,0,0
1259	0.11	0.17	0.13	35,35,37	0.0	0.0	0.0	0,0,0
1260	0.19	0.29	0.21	35,35,37	0.0	0.0	0.0	0,0,0
1261	0.28	0.45	0.32	35,35,37	0.11	0.0	0.10	35,0,37
1262	0.51	0.84	0.59	36,36,37	0.25	0.0	0.23	36,0,37
1263	0.38	0.64	0.43	35,36,37	0.17	0.0	0.16	36,0,37
1264	0.18	0.29	0.21	36,36,37	0.0	0.0	0.0	0,0,0
1265	0.19	0.30	0.22	32,32,37	0.0	0.0	0.0	0,0,0
1266	0.25	0.37	0.29	32,32,37	0.09	0.0	0.08	32,0,37
1267	0.30	0.44	0.34	32,32,37	0.11	0.0	0.09	32,0,37
1268	0.33	0.49	0.39	32,32,37	0.12	0.0	0.11	32,0,37
1269	0.36	0.53	0.42	32,32,37	0.13	0.0	0.13	32,0,37

1270	0.38	0.56	0.44	32,32,37	0.14	0.0	0.14	32,0,37
1271	0.39	0.58	0.46	32,32,37	0.14	0.0	0.14	32,0,37
1272	0.40	0.59	0.47	32,32,37	0.15	0.0	0.15	32,0,37
1273	0.40	0.59	0.47	32,32,37	0.15	0.0	0.15	32,0,37
1274	0.40	0.59	0.46	32,32,37	0.15	0.0	0.15	32,0,37
1275	0.39	0.58	0.46	32,32,37	0.14	0.0	0.14	32,0,37
1276	0.38	0.55	0.44	32,32,37	0.13	0.0	0.13	32,0,37
1277	0.35	0.52	0.41	32,32,37	0.12	0.0	0.12	32,0,37
1278	0.32	0.47	0.38	32,32,37	0.11	0.0	0.10	32,0,37
1279	0.29	0.41	0.33	32,32,37	0.10	0.0	0.09	32,0,37
1280	0.24	0.35	0.27	32,32,37	0.08	0.0	0.0	32,0,0
1281	0.18	0.27	0.21	32,32,37	0.0	0.0	0.0	0,0,0
1282	0.12	0.17	0.14	32,32,37	0.0	0.0	0.0	0,0,0
1283	0.18	0.24	0.19	35,35,37	0.0	0.0	0.0	0,0,0
1284	0.37	0.55	0.42	35,35,37	0.13	0.0	0.13	35,0,37
1285	0.70	1.09	0.80	36,36,37	0.35	0.0	0.32	36,0,37
1286	5.81	9.15	6.71	36,36,37	3.60	0.0	3.14	36,0,37
1287	0.56	0.93	0.64	36,36,37	0.28	0.0	0.27	36,0,37
1288	0.16	0.26	0.19	36,36,37	0.0	0.0	0.0	0,0,0
1289	0.20	0.29	0.23	32,32,37	0.0	0.0	0.0	0,0,0
1290	0.26	0.38	0.30	32,32,37	0.09	0.0	0.08	32,0,37
1291	0.30	0.45	0.35	32,32,37	0.11	0.0	0.10	32,0,37
1292	0.34	0.50	0.40	32,32,37	0.12	0.0	0.12	32,0,37
1293	0.37	0.54	0.43	32,32,37	0.13	0.0	0.13	32,0,37
1294	0.39	0.57	0.46	32,32,37	0.14	0.0	0.14	32,0,37
1295	0.41	0.59	0.47	32,32,37	0.15	0.0	0.15	32,0,37
1296	0.42	0.60	0.48	32,32,37	0.15	0.0	0.15	32,0,37
1297	0.42	0.60	0.48	32,32,37	0.15	0.0	0.15	32,0,37
1298	0.42	0.60	0.48	32,32,37	0.15	0.0	0.15	32,0,37
1299	0.41	0.58	0.47	32,32,37	0.14	0.0	0.14	32,0,37
1300	0.39	0.56	0.45	32,32,37	0.13	0.0	0.13	32,0,37
1301	0.37	0.52	0.42	32,32,37	0.12	0.0	0.12	32,0,37
1302	0.34	0.47	0.39	32,32,37	0.11	0.0	0.10	32,0,37
1303	0.29	0.41	0.34	32,32,37	0.10	0.0	0.08	32,0,37
1304	0.24	0.34	0.28	32,32,37	0.08	0.0	0.0	32,0,0
1305	0.18	0.24	0.20	32,32,37	0.0	0.0	0.0	0,0,0
1306	0.11	0.13	0.12	32,35,37	0.0	0.0	0.0	0,0,0
1307	0.19	0.27	0.22	35,35,37	0.0	0.0	0.0	0,0,0
1308	0.54	0.69	0.62	36,35,37	0.19	0.0	0.17	35,0,37
1309	3.21	4.91	3.70	36,36,37	1.88	0.0	1.64	36,0,37
1310	0.02	0.04	0.03	36,36,37	0.0	0.0	0.0	0,0,0
1311	0.05	0.08	0.05	32,32,37	0.0	0.0	0.0	0,0,0
1312	0.09	0.16	0.11	32,32,37	0.0	0.0	0.0	0,0,0
1313	0.14	0.23	0.16	32,32,37	0.0	0.0	0.0	0,0,0
1314	0.19	0.31	0.22	32,32,37	0.0	0.0	0.0	0,0,0
1315	0.23	0.38	0.27	36,32,37	0.09	0.0	0.08	32,0,37
1316	0.27	0.44	0.32	36,36,37	0.11	0.0	0.10	32,0,37
1317	0.30	0.49	0.35	36,36,37	0.12	0.0	0.12	36,0,37
1318	0.33	0.53	0.38	36,36,37	0.13	0.0	0.13	36,0,37
1319	0.34	0.56	0.40	36,36,37	0.14	0.0	0.14	36,0,37
1320	0.36	0.58	0.42	36,36,37	0.14	0.0	0.15	36,0,37
1321	0.36	0.58	0.42	36,36,37	0.14	0.0	0.15	36,0,37
1322	0.36	0.58	0.42	36,36,37	0.14	0.0	0.15	36,0,37
1323	0.36	0.58	0.42	36,36,37	0.14	0.0	0.14	36,0,37
1324	0.35	0.56	0.41	36,36,37	0.14	0.0	0.14	36,0,37
1325	0.33	0.53	0.39	36,36,37	0.13	0.0	0.13	32,0,37
1326	0.31	0.50	0.36	36,32,37	0.12	0.0	0.12	32,0,37
1327	0.28	0.45	0.33	36,32,37	0.11	0.0	0.10	32,0,37
1328	0.25	0.39	0.29	32,32,37	0.10	0.0	0.08	32,0,37
1329	0.21	0.33	0.24	32,32,37	0.08	0.0	0.0	32,0,0
1330	0.16	0.26	0.19	32,32,37	0.0	0.0	0.0	0,0,0
1331	0.12	0.19	0.14	32,32,37	0.0	0.0	0.0	0,0,0
1332	0.08	0.12	0.09	32,32,37	0.0	0.0	0.0	0,0,0
1333	0.05	0.08	0.06	32,32,37	0.0	0.0	0.0	0,0,0
1334	0.06	0.10	0.07	32,32,37	0.0	0.0	0.0	0,0,0
1335	0.09	0.15	0.10	32,32,37	0.0	0.0	0.0	0,0,0
1336	0.13	0.21	0.15	32,32,37	0.0	0.0	0.0	0,0,0
1337	0.17	0.27	0.20	32,32,37	0.0	0.0	0.0	0,0,0
1338	0.21	0.34	0.24	36,32,37	0.08	0.0	0.0	32,0,0
1339	0.24	0.40	0.28	36,32,37	0.10	0.0	0.09	32,0,37
1340	0.27	0.45	0.32	36,32,37	0.11	0.0	0.10	32,0,37
1341	0.30	0.49	0.35	36,32,37	0.12	0.0	0.12	32,0,37
1342	0.32	0.53	0.38	36,32,37	0.13	0.0	0.13	32,0,37
1343	0.34	0.56	0.40	36,32,37	0.14	0.0	0.14	32,0,37
1344	0.35	0.57	0.41	36,32,37	0.14	0.0	0.14	32,0,37
1345	0.35	0.58	0.41	36,32,37	0.14	0.0	0.15	32,0,37
1346	0.35	0.58	0.41	36,32,37	0.14	0.0	0.15	32,0,37

1347	0.34	0.58	0.40	36,32,37	0.14	0.0	0.15	32,0,37
1348	0.33	0.56	0.39	36,32,37	0.14	0.0	0.14	32,0,37
1349	0.31	0.54	0.37	32,32,37	0.13	0.0	0.13	32,0,37
1350	0.29	0.50	0.34	32,32,37	0.12	0.0	0.12	32,0,37
1351	0.26	0.46	0.30	32,32,37	0.11	0.0	0.10	32,0,37
1352	0.22	0.40	0.26	32,32,37	0.10	0.0	0.09	32,0,37
1353	0.18	0.34	0.21	32,32,37	0.0	0.0	0.0	0,0,0
1354	0.14	0.27	0.16	32,32,37	0.0	0.0	0.0	0,0,0
1355	0.10	0.20	0.11	32,32,37	0.0	0.0	0.0	0,0,0
1356	0.06	0.13	0.07	32,32,37	0.0	0.0	0.0	0,0,0
1357	0.03	0.07	0.03	35,32,37	0.0	0.0	0.0	0,0,0
1358	0.08	0.13	0.09	32,32,37	0.0	0.0	0.0	0,0,0
1359	0.10	0.16	0.11	32,32,37	0.0	0.0	0.0	0,0,0
1360	0.13	0.22	0.15	32,32,37	0.0	0.0	0.0	0,0,0
1361	0.17	0.28	0.20	32,32,37	0.0	0.0	0.0	0,0,0
1362	0.21	0.35	0.25	32,32,37	0.08	0.0	0.0	32,0,0
1363	0.25	0.40	0.29	32,32,37	0.10	0.0	0.09	32,0,37
1364	0.28	0.46	0.33	32,32,37	0.11	0.0	0.10	32,0,37
1365	0.31	0.50	0.36	32,32,37	0.12	0.0	0.12	32,0,37
1366	0.33	0.53	0.39	32,32,37	0.13	0.0	0.13	32,0,37
1367	0.35	0.56	0.41	32,32,37	0.13	0.0	0.14	32,0,37
1368	0.35	0.57	0.42	32,32,37	0.14	0.0	0.14	32,0,37
1369	0.36	0.57	0.42	32,32,37	0.14	0.0	0.14	32,0,37
1370	0.36	0.57	0.42	32,32,37	0.14	0.0	0.14	32,0,37
1371	0.35	0.57	0.41	32,32,37	0.14	0.0	0.14	32,0,37
1372	0.34	0.55	0.40	32,32,37	0.13	0.0	0.14	32,0,37
1373	0.32	0.52	0.37	32,32,37	0.13	0.0	0.13	32,0,37
1374	0.29	0.49	0.34	32,32,37	0.12	0.0	0.11	32,0,37
1375	0.26	0.44	0.31	32,32,37	0.11	0.0	0.09	32,0,37
1376	0.22	0.38	0.26	32,32,37	0.09	0.0	0.08	32,0,37
1377	0.18	0.32	0.21	32,32,37	0.0	0.0	0.0	0,0,0
1378	0.14	0.25	0.16	32,32,37	0.0	0.0	0.0	0,0,0
1379	0.09	0.18	0.11	32,32,37	0.0	0.0	0.0	0,0,0
1380	0.05	0.11	0.06	32,32,37	0.0	0.0	0.0	0,0,0
1381	0.06	0.12	0.07	35,35,37	0.0	0.0	0.0	0,0,0
1382	0.09	0.15	0.11	36,36,37	0.0	0.0	0.0	0,0,0
1383	0.10	0.17	0.12	32,32,37	0.0	0.0	0.0	0,0,0
1384	0.14	0.23	0.16	32,32,37	0.0	0.0	0.0	0,0,0
1385	0.18	0.30	0.21	32,32,37	0.0	0.0	0.0	0,0,0
1386	0.23	0.36	0.26	32,32,37	0.09	0.0	0.0	32,0,0
1387	0.27	0.42	0.31	32,32,37	0.10	0.0	0.09	32,0,37
1388	0.30	0.47	0.35	32,32,37	0.11	0.0	0.10	32,0,37
1389	0.33	0.51	0.38	32,32,37	0.12	0.0	0.12	32,0,37
1390	0.35	0.54	0.40	32,32,37	0.13	0.0	0.13	32,0,37
1391	0.36	0.56	0.42	32,32,37	0.14	0.0	0.14	32,0,37
1392	0.37	0.57	0.43	32,32,37	0.14	0.0	0.14	32,0,37
1393	0.37	0.57	0.43	32,32,37	0.14	0.0	0.14	32,0,37
1394	0.37	0.57	0.43	32,32,37	0.14	0.0	0.14	32,0,37
1395	0.36	0.56	0.42	32,32,37	0.14	0.0	0.14	32,0,37
1396	0.35	0.54	0.41	32,32,37	0.13	0.0	0.13	32,0,37
1397	0.33	0.52	0.38	32,32,37	0.13	0.0	0.12	32,0,37
1398	0.30	0.48	0.35	32,32,37	0.12	0.0	0.11	32,0,37
1399	0.27	0.43	0.31	32,32,37	0.10	0.0	0.09	32,0,37
1400	0.23	0.37	0.27	32,32,37	0.09	0.0	0.0	32,0,0
1401	0.13	0.23	0.16	32,32,37	0.0	0.0	0.0	0,0,0
1402	0.08	0.15	0.10	32,32,37	0.0	0.0	0.0	0,0,0
1403	0.09	0.15	0.10	35,35,37	0.0	0.0	0.0	0,0,0
1404	0.14	0.23	0.15	35,35,37	0.0	0.0	0.0	0,0,0
1405	0.34	0.57	0.39	35,36,37	0.14	0.0	0.14	36,0,37
1406	0.37	0.64	0.42	35,36,37	0.17	0.0	0.16	36,0,37
1407	0.38	0.66	0.44	35,36,37	0.18	0.0	0.17	36,0,37
1408	0.61	0.99	0.69	35,36,37	0.31	0.0	0.28	36,0,37
1409	0.63	1.00	0.72	35,36,37	0.31	0.0	0.29	36,0,37
1410	0.60	1.01	0.68	35,36,37	0.32	0.0	0.29	36,0,37
1411	2.25	3.44	2.57	35,35,37	1.29	0.0	1.12	35,0,37
1412	0.83	1.32	0.94	35,35,37	0.44	0.0	0.40	35,0,37
1413	0.63	1.06	0.73	35,36,37	0.34	0.0	0.32	36,0,37
1414	0.04	0.08	0.04	35,35,37	0.0	0.0	0.0	0,0,0
1415	0.04	0.08	0.05	35,35,37	0.0	0.0	0.0	0,0,0
1416	0.04	0.08	0.05	35,35,37	0.0	0.0	0.0	0,0,0
1417	0.09	0.16	0.09	35,35,37	0.0	0.0	0.0	0,0,0
1418	0.10	0.18	0.11	35,35,37	0.0	0.0	0.0	0,0,0
1419	0.11	0.19	0.12	35,35,37	0.0	0.0	0.0	0,0,0
1420	0.18	0.31	0.20	35,35,37	0.0	0.0	0.0	0,0,0
1421	0.20	0.36	0.23	35,35,37	0.09	0.0	0.0	36,0,0
1422	0.21	0.37	0.24	35,35,37	0.09	0.0	0.0	36,0,0
1423	0.17	0.27	0.20	36,36,37	0.0	0.0	0.0	0,0,0

1424	0.07	0.09	0.09	36,32,37	0.0	0.0	0.0	0,0,0
1425	0.14	0.21	0.16	32,32,37	0.0	0.0	0.0	0,0,0
1426	0.14	0.21	0.16	32,32,37	0.0	0.0	0.0	0,0,0
1427	0.12	0.18	0.14	32,32,37	0.0	0.0	0.0	0,0,0
1428	0.25	0.39	0.30	32,32,37	0.09	0.0	0.08	32,0,37
1429	0.10	0.16	0.12	32,32,37	0.0	0.0	0.0	0,0,0
1430	0.10	0.16	0.12	32,32,37	0.0	0.0	0.0	0,0,0
1431	0.08	0.13	0.10	32,32,37	0.0	0.0	0.0	0,0,0
1432	0.12	0.19	0.14	32,32,37	0.0	0.0	0.0	0,0,0
1433	0.13	0.22	0.16	32,32,37	0.0	0.0	0.0	0,0,0
1434	0.13	0.21	0.16	32,32,37	0.0	0.0	0.0	0,0,0
1435	0.25	0.38	0.29	32,32,37	0.09	0.0	0.08	32,0,37
1436	0.07	0.09	0.08	32,32,37	0.0	0.0	0.0	0,0,0
1437	0.08	0.14	0.09	32,32,37	0.0	0.0	0.0	0,0,0
1438	0.08	0.14	0.09	32,32,37	0.0	0.0	0.0	0,0,0
1439	0.07	0.12	0.09	32,32,37	0.0	0.0	0.0	0,0,0
1440	0.05	0.07	0.05	32,36,37	0.0	0.0	0.0	0,0,0
1441	0.11	0.18	0.13	32,32,37	0.0	0.0	0.0	0,0,0
1442	0.15	0.24	0.18	32,32,37	0.0	0.0	0.0	0,0,0
1443	0.11	0.17	0.13	32,32,37	0.0	0.0	0.0	0,0,0
1444	0.07	0.11	0.09	32,32,37	0.0	0.0	0.0	0,0,0
1445	0.13	0.22	0.16	32,32,37	0.0	0.0	0.0	0,0,0
1446	0.14	0.21	0.16	32,32,37	0.0	0.0	0.0	0,0,0
1447	0.12	0.18	0.14	32,32,37	0.0	0.0	0.0	0,0,0
1448	0.08	0.12	0.09	32,32,37	0.0	0.0	0.0	0,0,0
1449	0.06	0.10	0.07	32,32,37	0.0	0.0	0.0	0,0,0
1450	0.10	0.16	0.12	32,32,37	0.0	0.0	0.0	0,0,0
1451	0.07	0.10	0.08	32,32,37	0.0	0.0	0.0	0,0,0
1452	0.15	0.23	0.18	32,32,37	0.0	0.0	0.0	0,0,0
1453	0.04	0.06	0.04	32,32,37	0.0	0.0	0.0	0,0,0
1454	0.05	0.08	0.06	32,32,37	0.0	0.0	0.0	0,0,0
1455	0.04	0.08	0.05	35,36,37	0.0	0.0	0.0	0,0,0
1456	0.07	0.10	0.08	32,32,37	0.0	0.0	0.0	0,0,0
1457	0.18	0.32	0.21	32,31,37	0.0	0.0	0.0	0,0,0
1458	0.10	0.21	0.12	32,31,37	0.0	0.0	0.0	0,0,0
1459	0.05	0.08	0.05	32,35,37	0.0	0.0	0.0	0,0,0
1460	0.27	0.54	0.31	32,32,37	0.14	0.0	0.13	32,0,37
1461	0.12	0.19	0.14	36,36,37	0.0	0.0	0.0	0,0,0
1462	0.05	0.11	0.06	35,36,37	0.0	0.0	0.0	0,0,0
1463	0.11	0.19	0.12	32,31,37	0.0	0.0	0.0	0,0,0
1464	0.05	0.11	0.06	35,36,37	0.0	0.0	0.0	0,0,0
1465	0.05	0.08	0.05	31,36,37	0.0	0.0	0.0	0,0,0
1466	0.13	0.21	0.15	32,32,37	0.0	0.0	0.0	0,0,0
1467	0.32	0.48	0.37	32,32,37	0.12	0.0	0.11	32,0,37
1468	0.14	0.24	0.16	32,31,37	0.0	0.0	0.0	0,0,0
1469	0.23	0.40	0.26	32,32,37	0.10	0.0	0.08	32,0,37
1470	0.10	0.19	0.11	32,31,37	0.0	0.0	0.0	0,0,0
1471	0.05	0.10	0.06	35,36,37	0.0	0.0	0.0	0,0,0
1472	0.06	0.11	0.06	35,36,37	0.0	0.0	0.0	0,0,0
1473	0.09	0.18	0.10	31,31,37	0.0	0.0	0.0	0,0,0
1474	0.06	0.10	0.07	32,31,37	0.0	0.0	0.0	0,0,0
1475	0.05	0.11	0.06	35,36,37	0.0	0.0	0.0	0,0,0
1476	0.22	0.34	0.24	35,36,37	0.08	0.0	0.0	36,0,0
1477	0.07	0.12	0.07	32,31,37	0.0	0.0	0.0	0,0,0
1478	0.13	0.21	0.15	36,36,37	0.0	0.0	0.0	0,0,0
1479	0.05	0.09	0.05	35,36,37	0.0	0.0	0.0	0,0,0
1480	0.05	0.11	0.06	35,35,37	0.0	0.0	0.0	0,0,0
1481	0.10	0.17	0.11	32,31,37	0.0	0.0	0.0	0,0,0
1482	0.24	0.37	0.28	32,32,37	0.09	0.0	0.07	32,0,37
1483	0.16	0.28	0.18	36,36,37	0.0	0.0	0.0	0,0,0
1484	0.03	0.08	0.04	36,36,37	0.0	0.0	0.0	0,0,0
1485	0.05	0.10	0.06	35,36,37	0.0	0.0	0.0	0,0,0
1486	0.36	0.50	0.41	35,35,37	0.12	0.0	0.11	35,0,37
1487	0.22	0.39	0.25	36,36,37	0.10	0.0	0.0	36,0,0
1488	0.14	0.23	0.17	32,32,37	0.0	0.0	0.0	0,0,0
1489	0.25	0.43	0.29	32,32,37	0.11	0.0	0.09	32,0,37
1490	0.04	0.10	0.05	35,36,37	0.0	0.0	0.0	0,0,0
1491	0.15	0.25	0.17	36,36,37	0.0	0.0	0.0	0,0,0
1492	0.05	0.11	0.06	35,36,37	0.0	0.0	0.0	0,0,0
1493	0.06	0.12	0.07	35,35,37	0.0	0.0	0.0	0,0,0
1494	0.05	0.11	0.06	35,36,37	0.0	0.0	0.0	0,0,0
1495	0.07	0.12	0.08	31,31,37	0.0	0.0	0.0	0,0,0
1496	0.10	0.16	0.12	36,36,37	0.0	0.0	0.0	0,0,0
1497	0.05	0.11	0.06	35,36,37	0.0	0.0	0.0	0,0,0
1498	0.42	0.66	0.49	32,32,37	0.17	0.0	0.17	32,0,37
1499	0.19	0.31	0.21	32,32,37	0.0	0.0	0.0	0,0,0
1500	0.04	0.08	0.04	31,36,37	0.0	0.0	0.0	0,0,0

1501	0.07	0.13	0.08	31,31,37	0.0	0.0	0.0	0,0,0
1502	0.18	0.31	0.21	32,32,37	0.0	0.0	0.0	0,0,0
1503	0.24	0.44	0.27	32,32,37	0.11	0.0	0.09	32,0,37
1504	0.41	0.79	0.47	32,32,37	0.23	0.0	0.22	32,0,37
1505	0.05	0.10	0.05	35,36,37	0.0	0.0	0.0	0,0,0
1506	0.29	0.55	0.33	32,32,37	0.14	0.0	0.13	32,0,37
1507	0.05	0.10	0.05	35,36,37	0.0	0.0	0.0	0,0,0
1508	0.30	0.61	0.34	35,36,37	0.16	0.0	0.16	36,0,37
1509	0.05	0.11	0.06	35,36,37	0.0	0.0	0.0	0,0,0
1510	0.06	0.12	0.06	32,31,37	0.0	0.0	0.0	0,0,0
1511	0.17	0.36	0.19	32,32,37	0.0	0.0	0.0	0,0,0
1512	0.12	0.19	0.13	36,36,37	0.0	0.0	0.0	0,0,0
1513	0.07	0.14	0.08	35,35,37	0.0	0.0	0.0	0,0,0
1514	0.17	0.31	0.19	32,32,37	0.0	0.0	0.0	0,0,0
1515	0.11	0.20	0.13	32,32,37	0.0	0.0	0.0	0,0,0
1516	0.06	0.10	0.06	35,36,37	0.0	0.0	0.0	0,0,0
1517	0.04	0.10	0.05	35,35,37	0.0	0.0	0.0	0,0,0
1518	0.05	0.08	0.05	35,35,37	0.0	0.0	0.0	0,0,0
1519	0.05	0.10	0.06	32,32,37	0.0	0.0	0.0	0,0,0
1520	0.04	0.07	0.04	36,32,37	0.0	0.0	0.0	0,0,0
1521	0.07	0.12	0.08	31,32,37	0.0	0.0	0.0	0,0,0
1522	0.06	0.10	0.07	31,31,37	0.0	0.0	0.0	0,0,0
1523	0.07	0.13	0.09	32,32,37	0.0	0.0	0.0	0,0,0
1524	0.97	1.38	1.11	35,35,37	0.46	0.0	0.41	35,0,37
1525	0.69	0.96	0.79	35,35,37	0.29	0.0	0.27	35,0,37
1526	0.57	0.99	0.65	35,36,37	0.32	0.0	0.29	36,0,37
1527	0.51	0.91	0.58	32,32,37	0.28	0.0	0.25	32,0,37
1528	0.44	0.74	0.50	31,31,37	0.21	0.0	0.19	31,0,37
1529	0.64	0.97	0.72	31,31,37	0.30	0.0	0.27	31,0,37
1530	0.95	1.27	1.08	31,31,37	0.41	0.0	0.37	31,0,37
1531	0.31	0.53	0.35	32,32,37	0.14	0.0	0.12	32,0,37
1532	0.33	0.50	0.37	32,32,37	0.12	0.0	0.11	32,0,37
1533	0.33	0.51	0.38	32,32,37	0.13	0.0	0.12	32,0,37
1534	0.26	0.34	0.30	31,31,37	0.08	0.0	0.0	31,0,0
1535	0.24	0.41	0.27	32,32,37	0.10	0.0	0.09	32,0,37
1536	0.21	0.36	0.24	32,32,37	0.09	0.0	0.0	31,0,0
1537	0.18	0.34	0.20	32,32,37	0.0	0.0	0.0	0,0,0
1538	0.15	0.29	0.17	32,32,37	0.0	0.0	0.0	0,0,0
1539	0.79	1.28	0.86	35,36,37	0.43	0.0	0.38	36,0,37
1540	0.19	0.37	0.22	32,32,37	0.09	0.0	0.0	32,0,0
1541	0.17	0.33	0.19	32,32,37	0.0	0.0	0.0	0,0,0
1542	0.16	0.30	0.18	32,32,37	0.0	0.0	0.0	0,0,0
1543	0.21	0.36	0.24	32,32,37	0.09	0.0	0.0	32,0,0
1544	0.13	0.21	0.14	32,32,37	0.0	0.0	0.0	0,0,0
1545	0.17	0.32	0.19	32,32,37	0.0	0.0	0.0	0,0,0
1546	0.15	0.27	0.17	32,32,37	0.0	0.0	0.0	0,0,0
1547	0.18	0.40	0.21	32,32,37	0.10	0.0	0.0	32,0,0
1548	0.22	0.53	0.25	32,32,37	0.14	0.0	0.12	32,0,37
1549	0.29	0.62	0.34	32,32,37	0.16	0.0	0.17	32,0,37
1550	1.65	2.87	1.93	36,36,37	1.08	0.0	0.98	36,0,37
1551	0.18	0.30	0.21	32,32,37	0.0	0.0	0.0	0,0,0
Guscio	rRfck	rRfyk	rPfck		wR	wF	wP	
	5.81	9.15	6.71		3.60	0.0	3.14	