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PROGETTO CIARLE

PROGETTO ESECUTIVO

OPERE DI COMPETENZA DEL MINISTERO DELLE POLITICHE AGRICOLE.
RETE RURALE NAZIONALE 2014–2020.
BANDO PSRN PROGRAMMA SVILUPPO RURALE NAZIONALE–SOTTOMISURA 4.3–
OPERAZIONE 4.3.1–INVESTIMENTI IN INFRASTRUTTURE IRRIGUE

LAVORI DI IMPLEMENTAZIONE PRIMARIA DEL SISTEMA IRRIGUO CIARLE
NEI COMUNI DI POGGIO RENATICO E TERRE DEL RENO (FE)–
CONDOTTO DISTRIBUTORE SUD E IMPIANTO DI SOLLEVAMENTO

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CALCOLI ESECUTIVI

RELAZIONE DI CALCOLO STRUTTURE IN C.A.

Oggetto dell'elaborato:
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INGEGNERIA CIVILE E TECNOLOGIE ANTINCENDIO

Comuni di Poggio Renatico e Terre del Reno

Provincia di Ferrara

Lavori di implementazione primaria del sistema irriguo Ciarle nei comuni di Poggio Renatico e Terre del Reno (FE) – Condotto distributore Sud e impianto di sollevamento

PROGETTO ESECUTIVO

RELAZIONE DI CALCOLO CHIUSE

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ALLEGATI

ALLEGATO A: Report Chiuse

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4 PREMESSA

La presente relazione si inserisce nel Progetto Esecutivo dei “Lavori di implementazione primaria del sistema irriguo Ciarle nei comuni di Poggio Renatico e Terre del Reno (FE) – Condotto distributore Sud e impianto di sollevamento”.

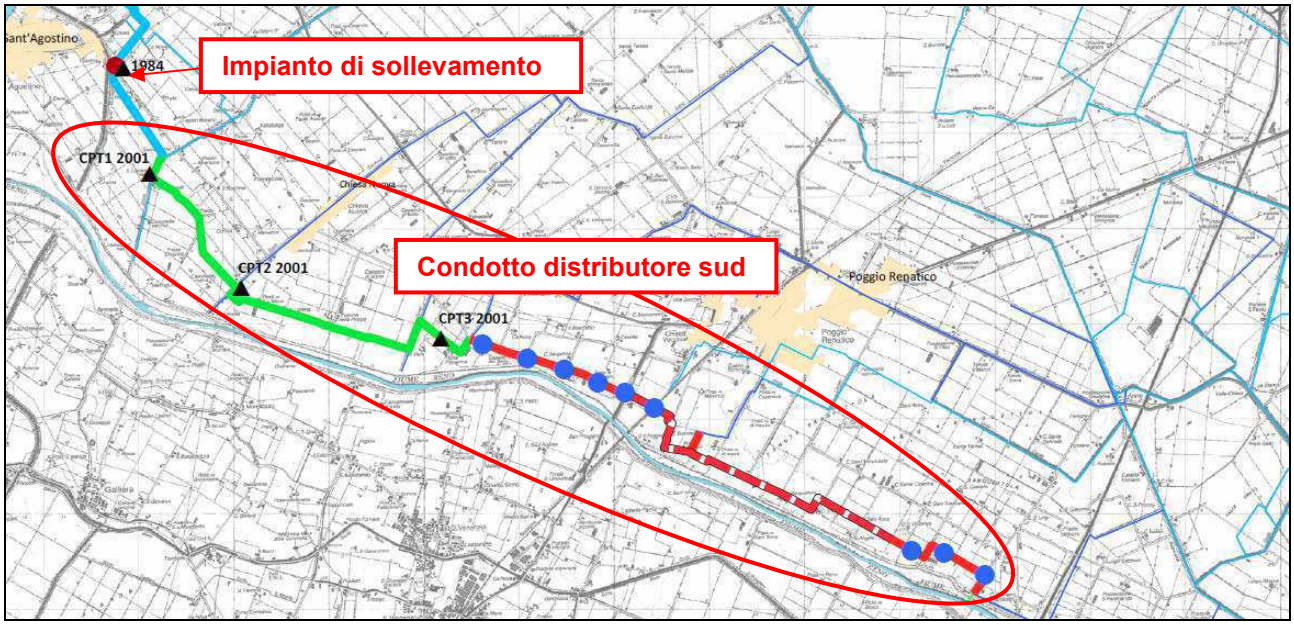


Figura 1: Quadro di unione.

5 CARATTERISTICHE DEI MATERIALI

5.1 Conglomerato cementizio

Classe	C25/30
Resistenza caratteristica cubica	$f_{ck,cube}$ = 30 N/mm^2
Resistenza caratteristica cilindrica	$f_{ck,cyl}$ = 25 N/mm^2
Resistenza di calcolo a compressione	$f_{cd} = \alpha_{cc} * f_{ck}/\gamma_c = 0,85 * f_{ck}/1,5$ = 14,167 N/mm^2
Resistenza a trazione media	$f_{ctm} = 0,30 * f_{ck}^{2/3}$ = 2,565 N/mm^2
Resistenza a trazione (frattile 5%)	$f_{ctk\ 0,05} = 0,7 * f_{ctm}$= 1,795 N/mm^2
Resistenza a trazione di calcolo	$f_{ctd} = f_{ctk0,05} / \gamma_c$ = 1,197 N/mm^2
Classe di esposizione	XC2
Classe di consistenza	S4

5.2 Acciaio per cemento armato

Per le armature metalliche si adottano tondini in acciaio del tipo B450C controllato in stabilimento che presentano le seguenti caratteristiche:

Tensione di snervamento caratteristica	$f_{yk} \geq$ 450 N/mm^2
Tensione caratteristica a rottura	$f_{tk} \geq$ 540 N/mm^2
Resistenza di calcolo	$f_{yd} = f_{yk} / \gamma_s$= 450/1,15 = 391,30 N/mm^2
Deformazione caratteristica al carico massimo	ε_{uk} = 7,5 %
Deformazione di progetto	ε_{ud} = 6,75 %

6 DURABILITÀ DELLE OPERE

Per garantire la durabilità delle strutture in calcestruzzo armato ordinario, esposte all'azione dell'ambiente, si devono adottare i provvedimenti atti a limitare gli effetti di degrado indotti dall'attacco chimico, fisico e derivante dalla corrosione delle armature e dai cicli di gelo e disgelo.

Al fine di ottenere la prestazione richiesta in funzione delle condizioni ambientali, nonché per la definizione della relativa classe, si fa riferimento alle indicazioni contenute nelle Linee Guida sul calcestruzzo strutturale edite dal Servizio Tecnico Centrale del Consiglio Superiore dei Lavori Pubblici ovvero alle norme UNI EN 206-1:2006 ed UNI 11104:2004.

1 Nessun rischio di corrosione o di attacco		
X0	Calcestruzzo privo di armatura o inserti metallici: tutte le esposizioni eccetto dove c'è gelo/disgelo, abrasione o attacco chimico. Calcestruzzo con armatura o inserti metallici molto asciutto.	Calcestruzzo all'interno di edifici con umidità dell'aria molto bassa.
2 Corrosione indotta da carbonatazione		
XC1	Asciutto o permanentemente bagnato	Calcestruzzo all'interno di edifici con bassa umidità relativa. Calcestruzzo costantemente immerso in acqua
XC2	Bagnato, raramente asciutto	Superfici di calcestruzzo a contatto con acqua per lungo tempo. Molte fondazioni
XC3	Umidità moderata	Calcestruzzo all'interno di edifici con umidità dell'aria moderata oppure elevata. Calcestruzzo esposto all'esterno protetto dalla pioggia
XC4	Ciclicamente bagnato e asciutto	Superfici di calcestruzzo soggette al contatto con acqua, non nella classe di esposizione XC2
3 Corrosione indotta da cloruri		
XD1	Umidità moderata	Superfici di calcestruzzo esposte a nebbia salina
XD2	Bagnato, raramente asciutto	Piscine. Calcestruzzo esposto ad acque industriali contenenti cloruri
XD3	Ciclicamente bagnato ed asciutto	Parti di ponti esposte a spruzzi contenenti cloruri Pavimentazioni stradali e di parcheggi
4 Corrosione indotta da cloruri presenti nell'acqua di mare		
XS1	Esposto a nebbia salina ma non in contatto diretto con acqua di mare	Strutture prossime oppure sulla costa
XS2	Permanentemente sommerso	Parti di strutture marine
XS3	Zone esposte alle onde, agli spruzzi oppure alle maree	Parti di strutture marine
5 Attacco di cicli gelo/disgelo		
XF1	Moderata saturazione d'acqua, senza impiego di agente antigelo	Superfici verticali di calcestruzzo esposte alla pioggia e al gelo
XF2	Moderata saturazione d'acqua, con uso di agente antigelo	Superfici verticali di calcestruzzo di strutture stradali esposte al gelo e nebbia di agenti antigelo
XF3	Elevata saturazione d'acqua, senza antigelo	Superfici orizzontali di calcestruzzo esposte alla pioggia e al gelo
XF4	Elevata saturazione d'acqua, con antigelo oppure acqua di mare	Strade e impalcati da ponte esposti agli agenti antigelo Superfici di calcestruzzo esposte direttamente a nebbia contenente agenti antigelo e al gelo

6. Attacco chimico		
XA1	Ambiente chimico debolmente aggressivo	Suoli naturali ed acqua del terreno
XA2	Ambiente chimico moderatamente aggressivo	Suoli naturali ed acqua del terreno
XA3	Ambiente chimico fortemente aggressivo	Suoli naturali ed acqua del terreno

Per le opere della presente relazione si adottano le classi di esposizione indicate al capitolo 5.1 ricordando che per ciascuna classe di esposizione le condizioni ambientali da considerare sono le seguenti.

Condizioni ambientali	**Classe di esposizione**
Ordinarie	X0, XC1, XC2, XC3, XF1
Aggressive	XC4, XD1, XS1, XA1, XA2, XF2, XF3
Molto aggressive	XD2, XD3, XS2, XS3, XA3, XF4

Nella tabella seguente si riportano per completezza anche i limiti di apertura delle fessure in funzione delle condizioni ambientali e della sensibilità delle armature:

Gruppi di esigenze	**Condizioni ambientali**	**Combinazione di azioni**	**Armatura**			
			Sensibile		**Poco sensibile**	
			Stato limite	**w_d**	**Stato limite**	**w_d**
a	*Ordinarie*	frequente	ap. fessure	$\leq w_2$	ap. fessure	$\leq w_3$
		quasi permanente	ap. fessure	$\leq w_1$	ap. fessure	$\leq w_2$
b	*Aggressive*	frequente	ap. fessure	$\leq w_1$	ap. fessure	$\leq w_2$
		quasi permanente	decompressione	-	ap. fessure	$\leq w_1$
c	*Molto aggressive*	frequente	formazione fessure	-	ap. fessure	$\leq w_1$
		quasi permanente	decompressione	-	ap. fessure	$\leq w_1$

Per tutte le parti strutturali componenti l'opera in progetto si utilizzano armature **poco sensibili**.

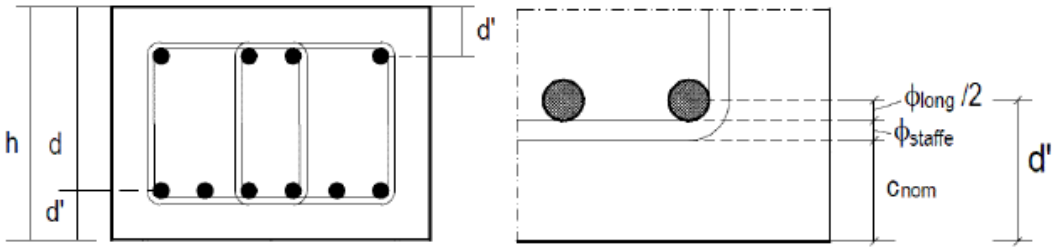
6.1 Calcolo del copriferro

Ai fini della protezione delle armature dalla corrosione, lo strato di ricoprimento del calcestruzzo (copriferro) deve essere dimensionato in funzione dell'aggressività dell'ambiente e della sensibilità delle armature alla corrosione, tenendo anche conto delle tolleranze di posa delle armature; a tale scopo si può fare utile riferimento alla UNI EN 1992 1-1.

Dunque, il calcolo del copriferro di progetto è stato condotto in ottemperanza a quanto prescritto dall'EC2.

$$c_{nom} = c_{min} + \Delta c_{dev}$$

$$c_{min} = \max (c_{min,b} ; c_{min,dur} + \Delta c_{dur,\gamma} - \Delta c_{dur,st} - \Delta c_{dur,add} ; 10mm)$$



Specificatamente:

- c_{nom}= copriferro minimo di progetto (ved. formula soprastante);
- $c_{min,b}$= copriferro minimo per garantire l'aderenza – tale valore è stabilito dalla tabella seguente.

prospetto 4.2 **Copriferro minimo, $c_{min,b}$, richiesto con riferimento all'aderenza**

Requisito relativo all'aderenza	
Disposizione delle armature	Copriferro minimo $c_{min,b}$ *)
Isolate	Diametro della barra
Raggruppate	Diametro equivalente (ϕ_n) (vedere punto 8.9.1)
*) Se la dimensione nominale massima dell'aggregato è maggiore di 32 mm, si raccomanda di maggiorare $c_{min,b}$ di 5 mm.	

Nel caso in oggetto le armature possono essere di tipo raggruppato essendoci sovrapposizione tra i ferri principali.

$c_{min,\ dur}$= copriferro minimo per garantire la durabilità – tale valore è stabilito dalla tabella seguente sulla base della classe di esposizione e della classe strutturale.

prospetto 4.4N **Valori del copriferro minimo, $c_{min,dur}$, requisiti con riferimento alla durabilità per acciai da armatura ordinaria, in accordo alla EN 10080**

Requisito ambientale per $c_{min,dur}$ (mm)							
Classe strutturale	Classe di esposizione secondo il prospetto 4.1						
	X0	XC1	XC2 / XC3	XC4	XD1 / XS1	XD2 / XS2	XD3 / XS3
S1	10	10	10	15	20	25	30
S2	10	10	15	20	25	30	35
S3	10	10	20	25	30	35	40
S4	10	15	25	30	35	40	45
S5	15	20	30	35	40	45	50
S6	20	25	35	40	45	50	55

Nel caso di specie la struttura rientra nella classe di esposizione

XC2 con classe strutturale **S4**

Δc_{dev}= tolleranza di esecuzione varia da 0 a 10 mm.

Per il caso in oggetto è stata posta pari a 5mm.

Pertanto, nel caso in oggetto ed in riferimento alle armature principali si ha:

MANIFATTI IN C.A.

VERIFICA DI DURABILITA' EC 2	
Classe di esposizione	XC2
Classe strutturale	S4
Misura aggregato MAX	32
Armature isolate	si
Numero Barre	/
$c_{min,dur}$	25
Φ	16
$c_{min,b}$	16
c_{min}	25
Δc_{dev}	5
c_{nom}	30
c_{prog}	30
VERIFICA	OK

7 ANALISI DEI CARICHI

Nel presente capitolo verranno riportati tutti i carichi agenti sui manufatti, indicando le modalità di calcolo dell'azione, ma senza indicarne il valore numerico, che sarà esplicitato nel capitolo dedicato al manufatto specifico.

7.1 Carichi permanenti strutturali (g_1)

I pesi propri della struttura e dei carichi permanenti portati vengono calcolati sulla base della tipologia costruttiva e del pacchetto di carico gravante sul manufatto. In tutti i casi studiati, questo contributo viene calcolato attraverso un foglio di calcolo elettronico dedicato.

7.2 Spinta del terreno e falda

Il contributo dato dalla spinta del terreno, è stato valutato considerando il coefficiente di spinta a riposo λ_o, calcolato a partire dai seguenti parametri geotecnici:

γ=	19	[kN/mc]
ϕ=	30	[°]
ko=	0,500	

Sulla base della tipologia di manufatto, è stato possibile non considerare la presenza della falda.
L'andamento delle spinte con la profondità è dato dall'espressione seguente:

$p_h = \lambda_a \gamma_t z$

che determina il consueto diagramma trapezoidale delle pressioni orizzontali, agenti sui piedritti.

Naturalmente queste spinte saranno opportunamente combinate, utilizzando i valori dei coefficienti parziali delle azioni da assumere nell'analisi per la determinazione degli effetti delle azioni nelle verifiche agli stati limite ultimi.

7.3 Carichi variabili dovuti alla manutenzione

In questo caso è stato considerato anche il caso di carico dovuto alla **manutenzione**, pari a 50 kg/mq, da considerarsi nella sola combinazione di carico allo SLU.

7.4 Azione sismica

Le opere in progetto sono state assimilate a "Opere e sistemi Geotecnici" normati dal punto di vista sismico al capitolo 7.11 delle NTC 2018. In particolare si è fatto riferimento al capitolo relativo le Opere di sostegno, per le quali è possibile eseguire l'analisi sismica con metodi pseudo-statici.
In questo caso, l'azione sismica è rappresentata da una forza statica equivalente pari al prodotto delle forze di gravità per un opportuno coefficiente sismico.
Nelle verifiche, i valori dei coefficienti sismici orizzontale kh e verticale kv, possono essere valutati mediante le espressioni:

$$k_h = \beta_m \cdot \frac{a_{\max}}{g}$$

$$k_v = \pm 0.5 \cdot k_h$$

Dove:
β_m: è il coefficiente di riduzione dell'accelerazione massima attesa al sito;
a_{max}: accelerazione massima orizzontale attesa al sito;
g: accelerazione di gravità;

kh=	0,297	[-]
kv=	0,149	[-]
a_{max}=	0,297	[g]
a_g=	0,17	[g]
S_s=	1,80	[-]
S_t=	1,00	[-]
β=	1,00	[-]

8 CHIUSA

Nell'immagine seguente si riporta la geometria dell'opera da eseguire.

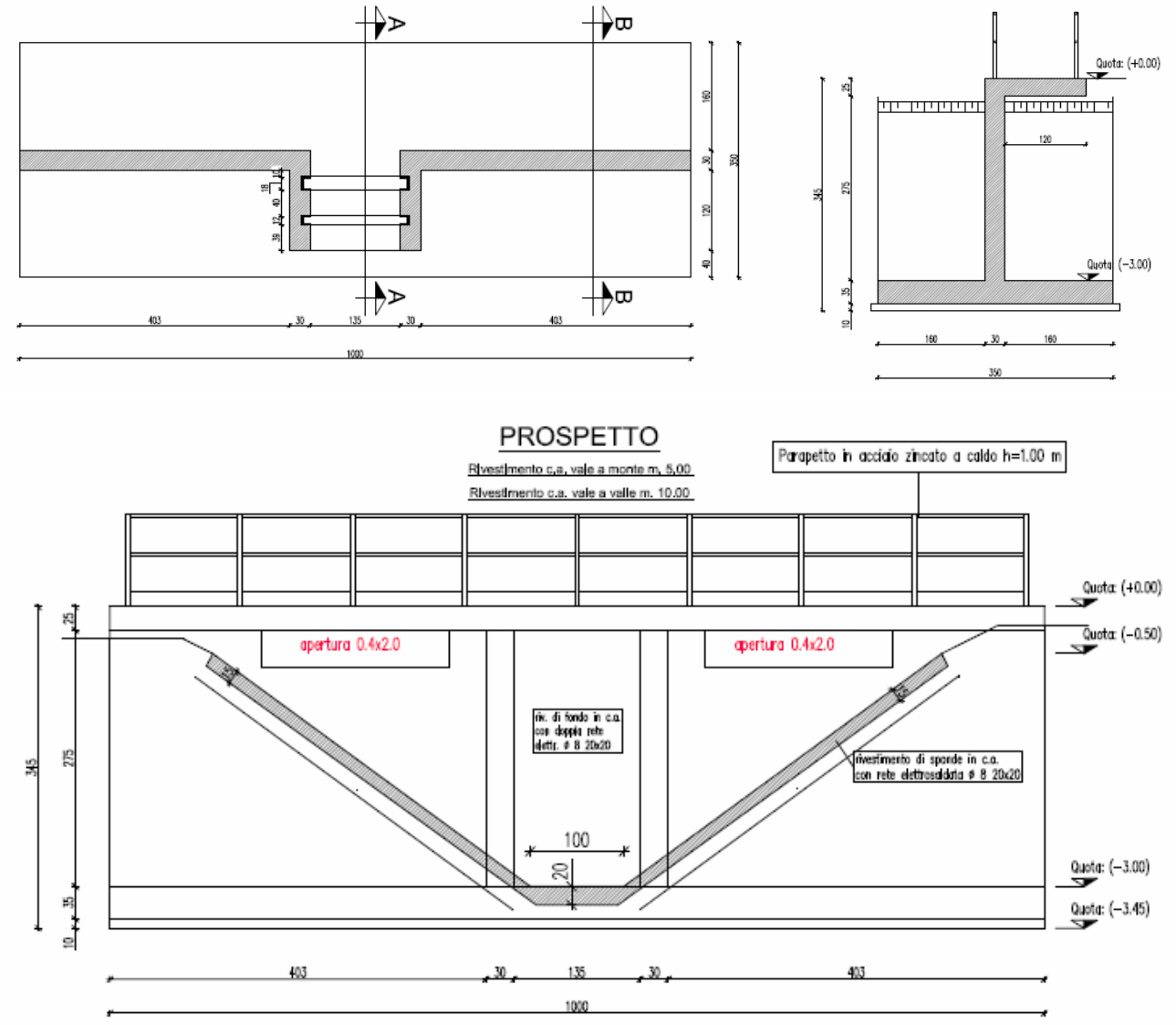


Figura 2:Geomtria opera.

8.1 Analisi strutturale

8.1.1 Modello

La struttura è stata analizzata mediante un programma di calcolo FEM denominato ProSap, prodotto dalla 2si di Ferrara.

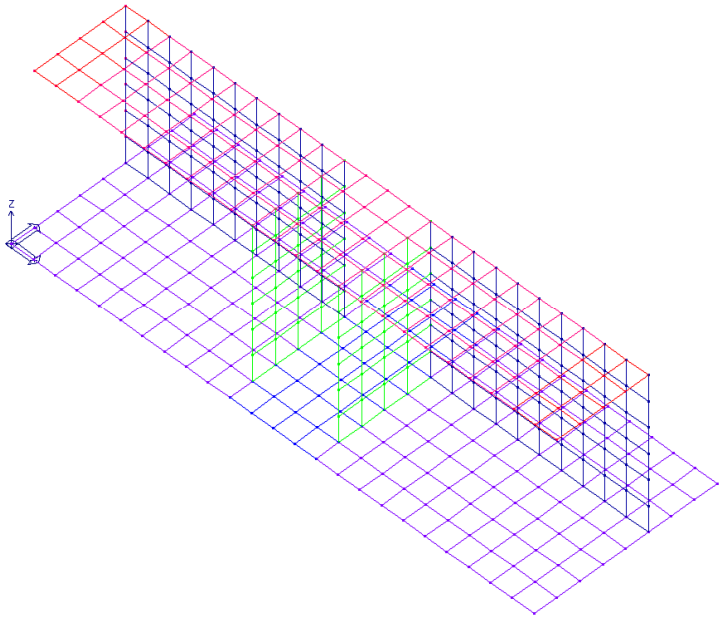


Figura 3:Modello fili fissi.

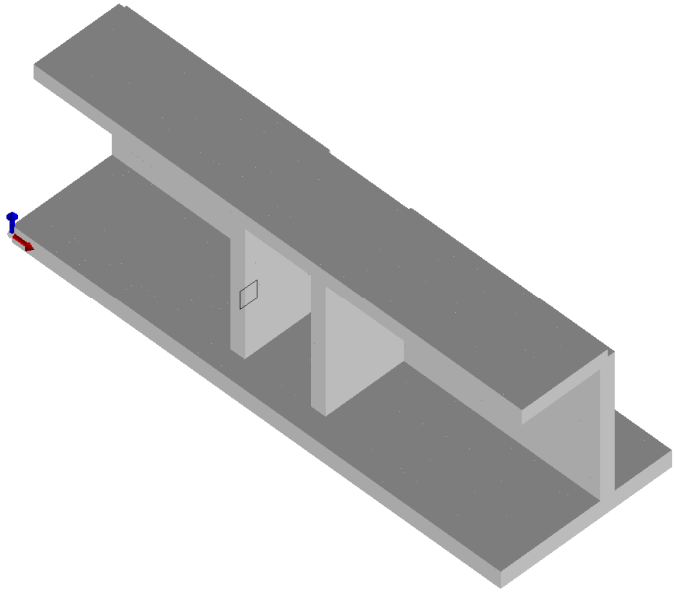


Figura 4: Modello solido veloce.

8.1.2 Azioni

Le azioni considerate sono state identificate come previsto al capitolo 7

Tipo	carico di pressione uniforme su piastra

Id	Tipo	pressione
		daN/cm2
9	Acqua interna su soletta inf	0.30
10	Sottospinta Falda	-0.34
14	Manutenzione	-5.00e-03

Tipo	carico di pressione variabile su piastra

Id	Tipo	pressione	quota	pressione	quota
		daN/cm2	cm	daN/cm2	cm
1	Spinta Falda sx	0.0	335.00	0.34	0.0
2	Spinta Falda dx	0.0	335.00	-0.34	0.0
5	Spinta riposo sx	0.0	300.00	0.17	0.0
6	Spinta riposo dx	0.0	300.00	-0.17	0.0
7	Acqua interna sx	0.0	300.00	-0.30	0.0
8	Acqua interna dx	0.0	300.00	0.30	0.0
11	ETK PAN --	0.0	300.00	-0.19	0.0
12	ETK PAN ++	0.0	300.00	0.19	0.0
13	acqua interna y	0.0	300.00	-0.30	0.0

8.1.3 Casi di carico

Il programma consente l'applicazione di diverse tipologie di casi di carico.

Sono previsti i seguenti 11 tipi di casi di carico:

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

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

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

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

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

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

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

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

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

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

CDC	Tipo	Sigla Id	Note
1	Ggk	CDC=Gk1 (peso proprio della struttura)	
2	Gk	CDC=Gk1 (spinta a riposo)	D3 :da 1 a 192 Azione : Sottospinta Falda
			D3 :da 193 a 216 Azione : Spinta Falda dx
			D3 :da 193 a 216 Azione : Spinta riposo dx
			D3 :da 217 a 240 Azione : Spinta Falda sx
			D3 :da 217 a 240 Azione : Spinta riposo sx
3	Qk	CDC=Qk (acqua interna allo scatolare)	D3 :da 1 a 192 Azione : Acqua interna su soletta inf
			D3 :da 193 a 216 Azione : Acqua interna dx
			D3 :da 217 a 240 Azione : Acqua interna sx
			D3 :da 241 a 360 Azione : acqua interna y
4	Esk	CDC=Es (statico SLU) alfa=0.0 (ecc. 0)	partecipazione:1.00 per 1 CDC=Gk1 (peso proprio della struttura)

CDC	Tipo	Sigla Id	Note
			partecipazione:1.00 per 2 CDC=Gk1 (spinta a riposo)
			partecipazione:0.80 per 3 CDC=Qk (acqua interna allo scatolare)
			partecipazione:0.80 per 6 CDC=Qk (variabile generico) Manutenzione 1
			partecipazione:0.80 per 7 CDC=Qk (variabile generico) Manutenzione 2
5	Esk	CDC=Es (statico SLU) alfa=90.00 (ecc. 0)	come precedente CDC sismico
6	Qk	CDC=Qk (variabile generico) Manutenzione 1	D3 :da 377 a 456 Azione : Manutenzione
7	Qk	CDC=Qk (variabile generico) Manutenzione 2	D3 :da 361 a 376 Azione : Manutenzione
8	Etk	CDC=Etk (inc. sp. terreno) SLV dir + alfa=0.0	D3 :da 217 a 240 Azione : ETK PAN ++
9	Etk	CDC=Etk (inc. sp. terreno) SLV dir - alfa=0.0	D3 :da 193 a 216 Azione : ETK PAN --
10	Etk	CDC=Etk (inc. sp. terreno) SLV dir + alfa=90.00	D3 :da 241 a 360 Azione : ETK PAN ++
			D3 :da 241 a 360 Azione : ETK PAN ++
11	Etk	CDC=Etk (inc. sp. terreno) SLV dir - alfa=90.00	D3 :da 241 a 360 Azione : ETK PAN --

8.1.4 Combinazioni di carico

Le combinazioni di carico utilizzate, rispondenti a quanto richiesto dalle NTC 2018 sono le seguenti:

Cmb	Tipo	Sigla Id	effetto P-delta
1	SLU	Comb. SLU A1 1	
2	SLU	Comb. SLU A1 2	
3	SLU	Comb. SLU A1 3	
4	SLU	Comb. SLU A1 4	
5	SLU	Comb. SLU A1 5	
6	SLU	Comb. SLU A1 6	
7	SLU	Comb. SLU A1 7	
8	SLU	Comb. SLU A1 8	
9	SLU	Comb. SLU A1 9	
10	SLU	Comb. SLU A1 10	
11	SLU	Comb. SLU A1 11	
12	SLU	Comb. SLU A1 12	
13	SLU	Comb. SLU A1 (SLV sism.) 13	
14	SLU	Comb. SLU A1 (SLV sism.) 14	
15	SLU	Comb. SLU A1 (SLV sism.) 15	
16	SLU	Comb. SLU A1 (SLV sism.) 16	
17	SLU	Comb. SLU A1 (SLV sism.) 17	
18	SLU	Comb. SLU A1 (SLV sism.) 18	
19	SLU	Comb. SLU A1 (SLV sism.) 19	
20	SLU	Comb. SLU A1 (SLV sism.) 20	
21	SLE(f)	Comb. SLE(freq.) 21	
22	SLE(f)	Comb. SLE(freq.) 22	
23	SLE(f)	Comb. SLE(freq.) 23	
24	SLE(p)	Comb. SLE(perm.) 24	
25	SLE(p)	Comb. SLE(perm.) 25	

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...
1	1.30	1.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	1.30	1.30	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	1.00	1.00	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	1.30	1.30	0.0	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0
6	1.30	1.30	1.50	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0
7	1.00	1.00	0.0	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0
8	1.00	1.00	1.50	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0
9	1.30	1.30	0.0	0.0	0.0	0.0	1.50	0.0	0.0	0.0	0.0

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...
10	1.30	1.30	1.50	0.0	0.0	0.0	1.50	0.0	0.0	0.0	0.0
11	1.00	1.00	0.0	0.0	0.0	0.0	1.50	0.0	0.0	0.0	0.0
12	1.00	1.00	1.50	0.0	0.0	0.0	1.50	0.0	0.0	0.0	0.0
13	1.00	1.00	0.80	-1.00	-0.30	0.0	0.0	0.0	1.00	0.0	0.30
14	1.00	1.00	0.80	-1.00	0.30	0.0	0.0	0.0	1.00	0.30	0.0
15	1.00	1.00	0.80	1.00	-0.30	0.0	0.0	1.00	0.0	0.0	0.30
16	1.00	1.00	0.80	1.00	0.30	0.0	0.0	1.00	0.0	0.30	0.0
17	1.00	1.00	0.80	-0.30	-1.00	0.0	0.0	0.0	0.30	0.0	1.00
18	1.00	1.00	0.80	-0.30	1.00	0.0	0.0	0.0	0.30	1.00	0.0
19	1.00	1.00	0.80	0.30	-1.00	0.0	0.0	0.30	0.0	0.0	1.00
20	1.00	1.00	0.80	0.30	1.00	0.0	0.0	0.30	0.0	1.00	0.0
21	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	1.00	1.00	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

8.1.5 Sollecitazioni

Si riportano di seguito le principali azioni agenti sulla struttura.

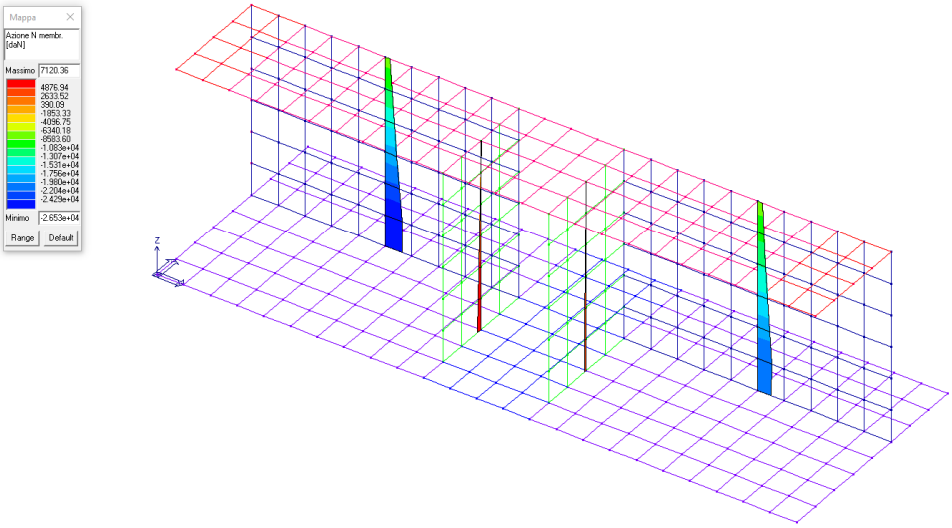


Figura 5: Azioni Macro – Nmax e Nmin

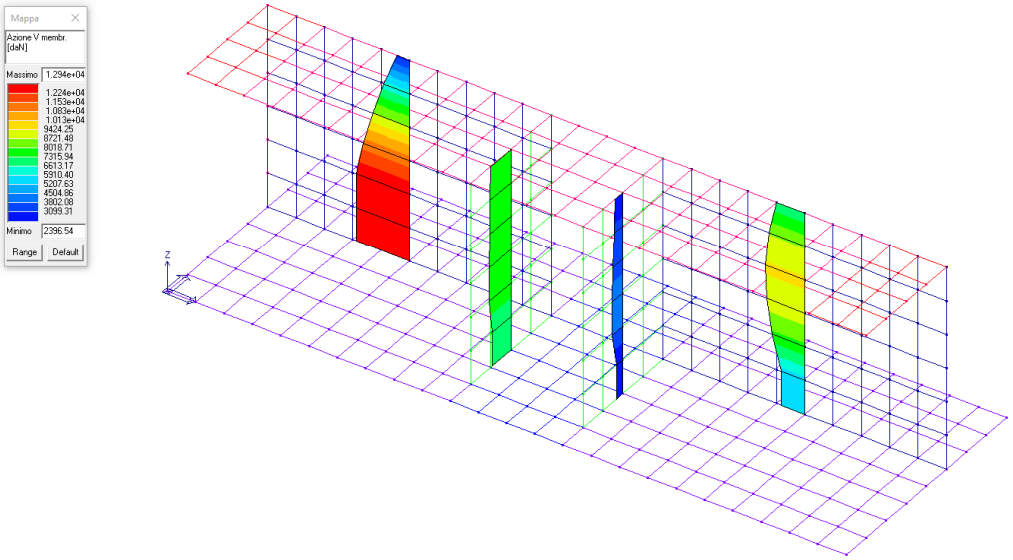


Figura 6: Azioni Macro – Vmax eVmin

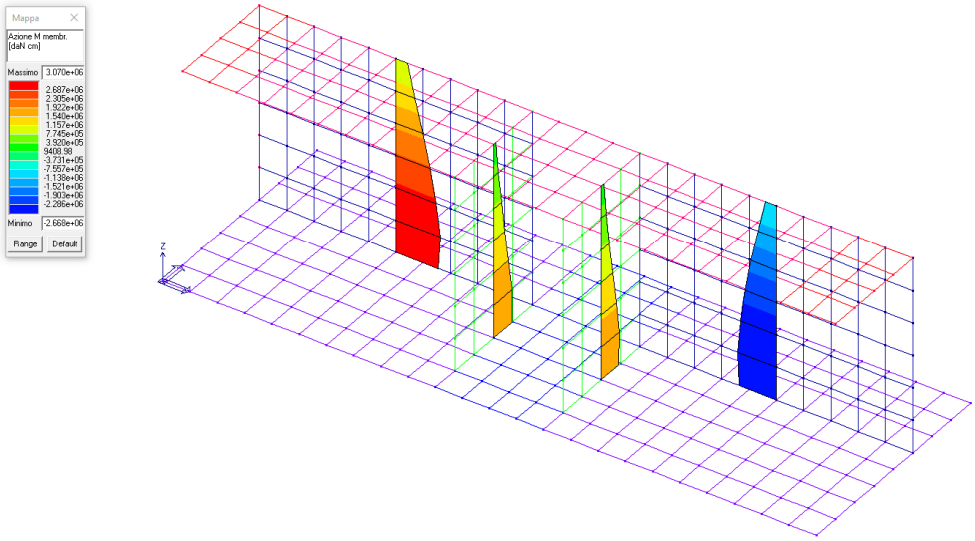


Figura 7: Azioni Macro –Mmax e Mmin

8.2 Verifiche

8.2.1 Verifiche agli SLU

Le verifiche condotte permettono di identificare il minimo quantitativo di armatura necessaria per le verifiche di resistenza.
Nel caso in oggetto l'armatura minima necessaria è indicata in Figura 8.

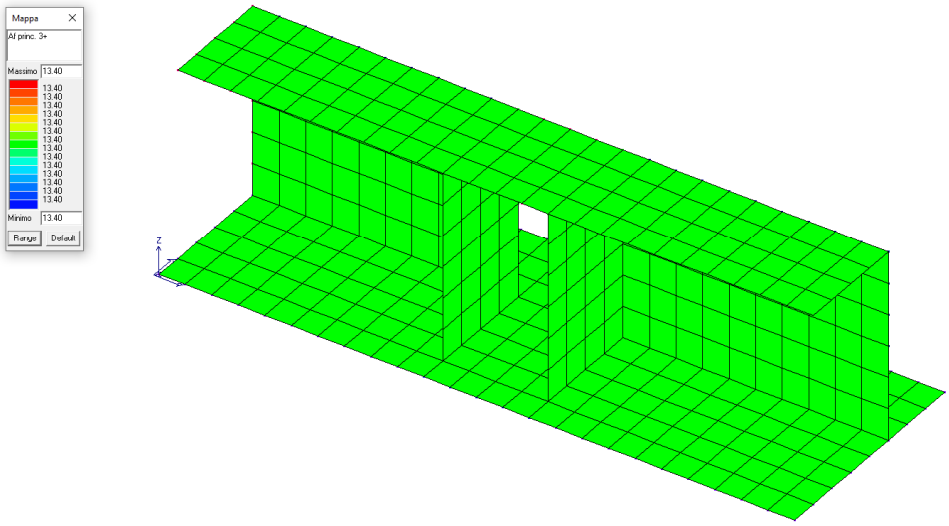


Figura 8: Armatura principale necessaria.

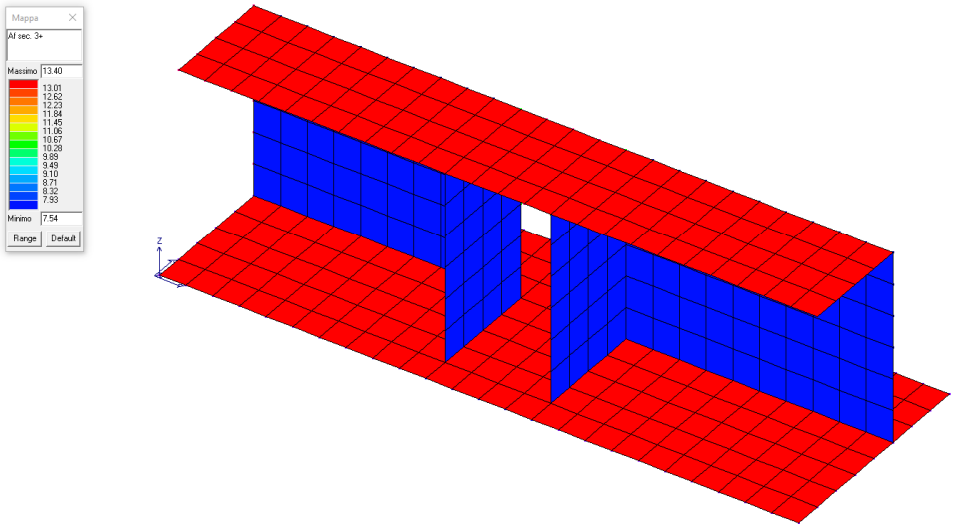


Figura 9: Armatura secondaria necessaria.

Per le solette inferiore e superiore è stata considerata un'armatura uguale in entrambe le direzioni x e y Af=A'f=13.4 cmq.
Per le pareti è stata considerata un'armatura principale Af=A'f=13.4 cmq ed un'armatura secondaria Af=A'f=7.54 cmq.

Tutti i risultati delle verifiche sono riportati in Allegato A alla presente relazione.

8.2.2 Verifiche agli SLE

In tabella vengono riportati i valori di interesse per il controllo degli stati limite d'esercizio.

In particolare vengono riportati, in relazione al tipo di elemento strutturale, i risultati relativi alle tre categorie di combinazione considerate:

- Combinazioni rare
- Combinazioni frequenti
- Combinazioni quasi permanenti.

I valori di interesse sono i seguenti:

rRfck	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni rare [*normalizzato a 1*]
rRfyk	rapporto tra la massima tensione nell'acciaio e la tensione fyk in combinazioni rare [*normalizzato a 1*]
rPfck	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni quasi permanenti [*normalizzato a 1*]
wR	apertura caratteristica delle fessure in combinazioni rare [*mm*]
wF	apertura caratteristica delle fessure in combinazioni frequenti [*mm*]
wP	apertura caratteristica delle fessure in combinazioni quasi permanenti [*mm*]

dR	massima deformazione in combinazioni rare
dF	massima deformazione in combinazioni frequenti
dP	massima deformazione in combinazioni quasi permanenti

Per ognuno dei nove valori soprariportati viene indicata (Rif.cmb) la combinazione in cui si è verificato.

In relazione al tipo di elemento strutturale i valori sono selezionati nel modo seguente:

pilastri	**rRfck**	**rRfyk**	**rPfck**	per sezioni significative
travi	**rRfck**	**rRfyk**	**rPfck**	per sezioni significative
	wR	**wF**	**wP**	per sezioni significative
	dR	**dF**	**dP**	massimi in campata
setti e gusci	**rRfck**	**rRfyk**	**rPfck**	massimi nei nodi dell'elemento
	wR	**wF**	**wP**	massimi nei nodi dell'elemento

Si precisa che i valori di massima deformazione per travi sono riferiti al piano verticale (piano locale 1-2 con momenti flettenti 3-3).

Lo stato limite di fessurazione è scelto in base condizioni ambientali, legate anche alla classe di esposizione del calcestruzzo.

CONDIZIONI AMBIENTALI	CLASSE DI ESPOSIZIONE
Ordinarie	X0, XC1, XC2, XC3, XF1
Aggressive	XC4, XD1, XS1, XA1, XA2, XF2, XF3
Molto aggressive	XD2, XD3, XS2, XS3, XA3, XF4

Gruppi di esigenze	Condizioni ambientali	Combinazione di azioni	Armatura			
			Sensibile		Poco sensibile	
			Stato limite	w_d	Stato limite	w_d
a	Ordinarie	frequente	ap. fessure	$\leq w_2$	ap. fessure	$\leq w_3$
		quasi permanente	ap. fessure	$\leq w_1$	ap. fessure	$\leq w_2$
b	Aggressive	frequente	ap. fessure	$\leq w_1$	ap. fessure	$\leq w_2$
		quasi permanente	decompressione	-	ap. fessure	$\leq w_1$
c	Molto aggressive	frequente	formazione fessure	-	ap. fessure	$\leq w_1$
		quasi permanente	decompressione	-	ap. fessure	$\leq w_1$

Dove:

$w_1 = 0,2$ mm

$w_2 = 0,3$ mm

$w_3 = 0,4$ mm

Le fessure calcolate dalle verifiche risultano sempre pari a zero, dunque verificate.

8.2.3 Verifica a galleggiamento e scorrimento

Per la stabilità al sollevamento deve risultare che il valore di progetto dell'azione instabilizzante $V_{inst,d}$, combinazione di azioni permanenti ($G_{inst,d}$), sia non maggiore della combinazione dei valori di progetto delle azioni stabilizzanti ($G_{stb,d}$) e delle resistenze (R_d):

$$V_{inst,d} \leq G_{stb,d} + R_d \qquad \text{dove} \quad V_{inst,d} = G_{inst,d}$$

I coefficienti parziali sulle azioni sono i seguenti:

	Effetto	Coefficiente Parziale γ_F (o γ_E)	Sollevamento (UPL)
Carichi permanenti G_1	Favorevole	γ_{G1}	0,9
	Sfavorevole		1,1
Carichi permanenti G_2[1]	Favorevole	γ_{G2}	0,8
	Sfavorevole		1,5
Azioni variabili Q	Favorevole	γ_{Qi}	0,0
	Sfavorevole		1,5

[1] Per i carichi permanenti G2 si applica quanto indicato alla Tabella 2.6.I. Per la spinta delle terre si fa riferimento ai coefficienti γ_{G1}

VERIFICA A GALLEGGIAMENTO

TIPO	CHIUSA	
Ginst,d	33,50	kPa
Qinst,d	0,00	kPa
Gstb,d	44,07	kPa

Vinst,d	36,85	kPa	
Gstb,d	39,67	kPa	
γG,inst	1,10		
γG,stb	0,90		
γ		1,08	VERO

La verifica a galleggiamento risulta soddisfatta.

Di seguitosi riporta la verifica a scorrimento dell'opera

VERIFICA A SCORRIMENTO

	TIPO	CHIUSA		
Spinta acqua dietro la chiusa	Ginst,d	15,00	kPa	
	Qinst,d	0,00	kPa	
PP+Terreno	Gstb,d	44,07	kPa	
	Vinst,d	16,50	kPa	
ATTRITO= 0,466038	Gstb,d	18,49	kPa	
	γG,inst	1,10		
	γG,stb	0,90		
	γ		1,12	VERO

8.2.4 Verifica a sifonamento

La verifica a sifonamento è stata condotta utilizzando la formula proposta da Bligh-Lane:

$$F = \frac{\sum z + \sum \frac{l}{3}}{\Delta h} \leq F^*$$

Dove:

- Δh : differenza di carico tra monte e valle;
- $\sum z$: somma dei percorsi verticali;
- $\sum l$: somma dei percorsi orizzontali;
- F^* : fattore di sicurezza dipendente dal tipo di terreno interessato

Sabbia molto fine o limo	*8,5*
Sabbia fine	*7,0*
Sabbia media	*6,0*
Sabbia grossa	*5,0*
Argilla molle	*3,0*
Argilla media	*2,0*
Argilla compatta	*1,8*
Argilla molto compatta	*1,6*

Nel caso in oggetto si è considerato un valore di F* = 7, correlato alla presenza di sabbie fini.

Ai fini del calcolo **si considera il rivestimento del canale per una lunghezza a monte e valle del manufatto pari a L=5m e dei diaframmi spinti fino alla profondità H=3.5 m**. Il dislivello idrico è fissato a 1.60m, per cui si ha:

$$F = \frac{7 + \frac{13.5}{3}}{1.6} = 7.18 \leq F^* = 7$$

La verifica risulta soddisfatta.

ALLEGATO A:
OUTPUT DI CALCOLO CHIUSE



PRO_SAP

PROfessional **S**tructural **A**nalysis **P**rogram

Relazione di calcolo strutturale impostata e redatta secondo le modalità previste nel D.M. 17 Gennaio 2018 cap. 10 “Redazione dei progetti strutturali esecutivi e delle relazioni di calcolo”.

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D.M. 17/01/18 cap. 10.2 Affidabilità dei codici utilizzati

https://www.2si.it/it/prodotti/affidabilita/

INTESTAZIONE E CONTENUTI DELLA RELAZIONE

Progetto

Contenuti della relazione:
RELAZIONE DI CALCOLO STRUTTURALE
- Origine e Caratteristiche dei Codici di Calcolo
- Affidabilità dei codici utilizzati
- Validazione dei codici
- Tipo di analisi svolta
- Modalità di presentazione dei risultati
- Informazioni generali sull'elaborazione
- Giudizio motivato di accettabilità dei risultati
STAMPA DEI DATI DI INGRESSO
- Normative prese a riferimento
- Criteri adottati per le misure di sicurezza
- Criteri seguiti nella schematizzazione della struttura, dei vincoli e delle sconessioni
- Interazione tra terreno e struttura
- Legami costitutivi adottati per la modellazione dei materiali e dei terreni
- Schematizzazione delle azioni, condizioni e combinazioni di carico
- Metodologie numeriche utilizzate per l' analisi strutturale
-Metodologie numeriche utilizzate per la progettazione e la verifica degli elementi strutturali
STAMPA DEI RISULTATI

Il Progettista:

26 maggio 2020

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LEGENDA TABELLA DATI SHELL 11
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CARATTERISTICHE MATERIALI UTILIZZATI

LEGENDA TABELLA DATI MATERIALI

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

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

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

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

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

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

	Resistenza fv0	Valore della resistenza a taglio in assenza di tensioni normali
	Resistenza fh	Valore della resistenza a compressione orizzontale
	Resistenza fb	Valore della resistenza a compressione dei blocchi
	Resistenza fbh	Valore della resistenza a compressione dei blocchi in direzione orizzontale
	Resistenza fv0h	Valore della resistenza a taglio in assenza di tensioni normali per le travi
	Resistenza ft	Valore della resistenza a trazione per fessurazione diagonale
	Resistenza fvlim	Valore della massima resistenza a taglio
	Resistenza fbt	Valore della resistenza a trazione dei blocchi
	Coefficiente mu	Coefficiente d'attrito utilizzato per la resistenza a taglio (tipicamente 0.4)
	Coefficiente fi	Coefficiente d'ingranamento utilizzato per la resistenza a taglio
	Coefficiente ksb	Coefficiente di riduzione della resistenza a compressione da utilizzare nello stress block
4 legno		
	E0,05	Modulo di elasticità corrispondente ad un frattile del 5%
	Resistenza fc0	Valore della resistenza a compressione parallela
	Resistenza ft0	Valore della resistenza a trazione parallela
	Resistenza fm	Valore della resistenza a flessione
	Resistenza fv	Valore della resistenza a taglio
	Resist. ft0k	Resistenza caratteristica (tensione amm. per REGLES) per trazione
	Resist. fmk	Resistenza caratteristica (tensione amm. per REGLES) per flessione
	Resist. fvk	Resistenza caratteristica (tensione amm. per REGLES) per taglio
	Modulo E0,05	Modulo elastico parallelo caratteristico
	Lamellare	lamellare o massiccio

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

Con riferimento al **Documento di Affidabilità** “Test di validazione del software di calcolo PRO_SAP e dei moduli aggiuntivi PRO_SAP Modulo Geotecnico, PRO_CAD nodi acciaio e PRO_MST” - versione Maggio 2011, disponibile per il download sul sito **www.2si.it**, si segnalano i seguenti esempi applicativi:

Modellazione di strutture in c.a.

Test N°	Titolo
41	GERARCHIA DELLE RESISTENZE PER TRAVI IN C.A.
42	GERARCHIA DELLE RESISTENZE PER PILASTRI IN C.A.
43	VERIFICA ALLE TA DI STRUTTURE IN C.A.
44	VERIFICA AGLI SLU DI STRUTTURE IN C.A.
45	VERIFICA A PUNZONAMENTO ALLO SLU DI PIASTRE IN C.A.
46	VERIFICA A PUNZONAMENTO ALLO SLU DI TRAVI IN C.A.

47	PROGETTAZIONE A TAGLIO DI STRUTTURE IN C.A. SECONDO IL D.M. 9/1/96
48	PROGETTAZIONE A TAGLIO DI STRUTTURE IN C.A. SECONDO IL D.M. 14/1/2008
49	VERIFICA ALLO SLE (TENSIONI E FESSURAZIONE) DI STRUTTURE IN C.A.
50	VERIFICA ALLO SLE (DEFORMAZIONE) DI STRUTTURE IN C.A.
51	FATTORE DI STRUTTURA
52	SOVRARESISTENZE
53	DETTAGLI COSTRUTTIVI C.A.: LIMITI D'ARMATURA PILASTRI E NODI TRAVE-PILASTRO
54	PARETI IN C.A. SNELLE IN ZONA SISMICA
80	ANALISI PUSHOVER DI UN EDIFICIO IN C.A.
120	PROGETTO E VERIFICA DI TRAVI PREM

Modellazione di strutture in acciaio

Test N°	Titolo
55	VERIFICA DI STABILITA' DI ASTE COMPRESSE IN ACCIAIO – METODO OMEGA
56	LUCE LIBERA DI TRAVI E ASTE IN ACCIAIO
57	LUCE LIBERA DI COLONNE IN ACCIAIO
58	SVERGOLAMENTO DI TRAVI IN ACCIAIO
59	FATTORE DI STRUTTURA
60	ACCIAIO D.M.2008
61	ACCIAIO EC3
62	GERARCHIA RESISTENZE STRUTTURE IN ACCIAIO
63	STABILITA' DI ASTE COMPOSTE IN ACCIAIO
73	COLLEGAMENTI IN ACCIAIO: NODO TRAVE COLONNA FLANGIATO CON PRESENZA IRRIGIDIMENTI TRASVERSALI
74	COLLEGAMENTI IN ACCIAIO: NODO TRAVE COLONNA FLANGIATO CON PRESENZA DI UN PIATTO DI RINFORZO SALDATO ALL'ANIMA DELLA COLONNA
75	COLLEGAMENTI IN ACCIAIO: NODO TRAVE COLONNA FLANGIATO CON PRESENZA DI DUE PIATTI DI RINFORZO SALDATI ALL'ANIMA DELLA COLONNA
76	COLLEGAMENTI IN ACCIAIO: NODO TRAVE COLONNA FLANGIATO A DUE VIE SU ALI COLONNA
77	COLLEGAMENTI IN ACCIAIO: NODO TRAVE COLONNA FLANGIATO A UNA VIA CON DUE COMBINAZIONI DI CARICO
78	COLLEGAMENTI IN ACCIAIO: NODO TRAVE COLONNA FLANGIATO SU ANIMA SENZA RINFORZI A QUATTRO FILE DI BULLONI DI CUI UNA SU PIASTRA INFERIORE E UNA SU PIASTRA SUPERIORE
79	VERIFICA DELLA PIASTRA NODO TRAVE COLONNA
85	TELAIO ACCIAIO: CONTROVENTI CONCENTRICI

Modellazione di strutture in muratura

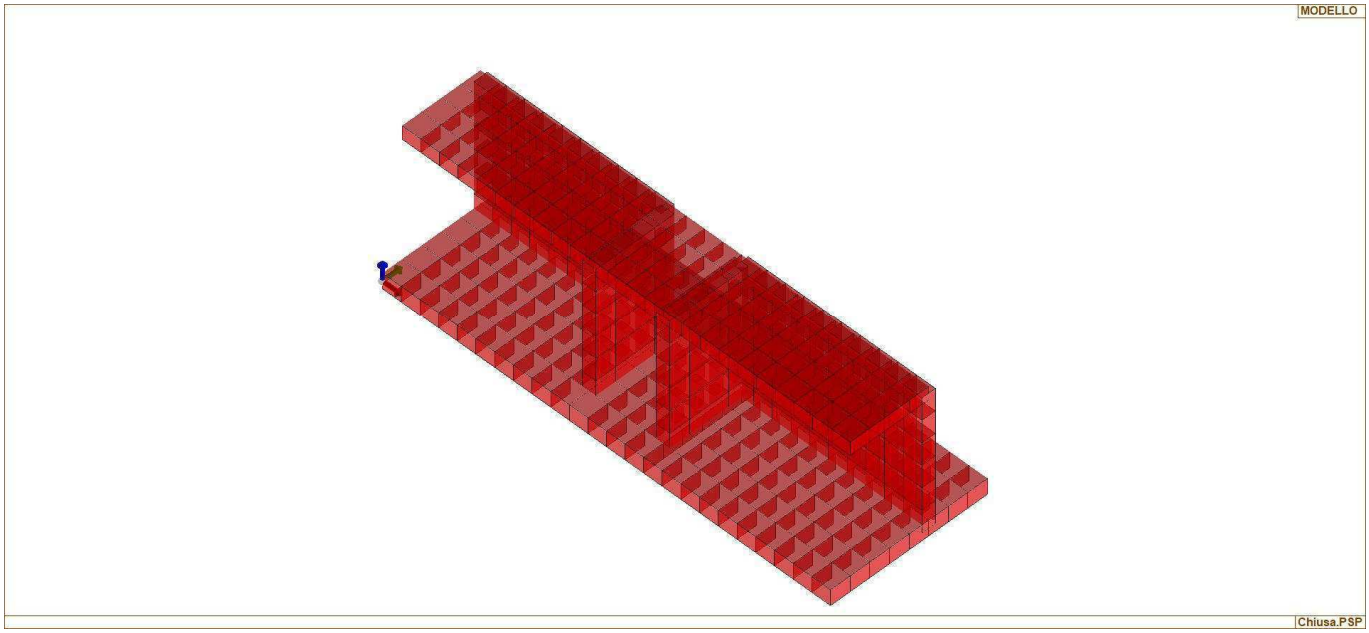
Test N°	Titolo
81	ANALISI PUSHOVER DI UNA STRUTTURA IN MURATURA
84	ANALISI ELASTO PLASTICA INCREMENTALE, PARETE IN MURATURA
86	VERIFICA NON SISMICA DELLE MURATURE (D.M. 87 TA)
87	VERIFICA NON SISMICA DELLE MURATURE (D.M. 2005 SL)
88	FATTORE DI STRUTTURA

Modellazione di strutture in legno

Test N°	Titolo
17	SOLAIO: MISTO LEGNO-CALCESTRUZZO
89	VERIFICA ALLO SLU DI STRUTTURE IN LEGNO SECONDO EC5
90	VERIFICA ALLO SLE DI STRUTTURE IN LEGNO SECONDO EC5
91	FATTORE DI STRUTTURA

92	VERIFICHE EC5
93	SNELLEZZE EC5
94	VERIFICA AL FUOCO DI STRUTTURE IN LEGNO SECONDO EC5
117	PROGETTO E VERIFICA DI GUSCI IN MATERIALE XLAM
118	PROGETTO E VERIFICA DI PARETI IN MATERIALE XLAM E RELATIVI COLLEGAMENTI
119	PROGETTO E VERIFICA DI SOLAI IN MATERIALE XLAM

Id	Tipo / Note	V. caratt.	V. medio	Young	Poisson	G	Gamma	Alfa	Altri
		daN/cm2	daN/cm2	daN/cm2		daN/cm2	daN/cm3		
1	c.a. classe 30			3.122e+05	0.12	1.394e+05	2.50e-03	1.00e-05	
	Resistenza Rc	300.0							
	Resistenza fctm		26.1						
	Rapporto Rfessurata								1.00
	Coefficiente ksb								0.85
	Rapporto HRDb								1.00e-05
	Rapporto HRDv								1.00e-05



11_MOD_MATERIALI_D3

Pareti c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Generalità						
Progetto armatura	Singolo elemento	Singolo elemento	Singolo elemento			
Armatura						
Inclinazione Av [gradi]	90.00	90.00	90.00			
Angolo Av-Ao [gradi]	90.00	90.00	90.00			
Minima tesa	0.25	0.25	0.25			
Massima tesa	4.00	4.00	4.00			
Maglia unica centrale	No	No	No			
Unico strato verticale	No	No	No			
Unico strato orizzontale	No	No	No			
Copriferro [cm]	2.00	3.00	3.00			
Maglia V						
diametro	16	16	16			
passo	20	15	15			
diametro aggiuntivi	16	16	16			

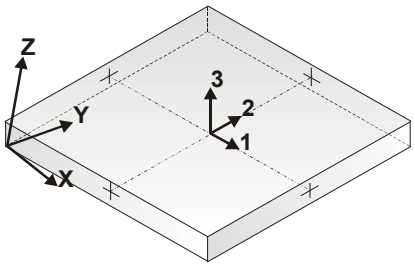
Pareti c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Maglia O						
diametro	16	12	12			
passo	20	15	15			
diametro aggiuntivi	16	12	12			
Stati limite ultimi						
Tensione fy [daN/cm2]	4300.00	4300.00	4300.00			
Tipo acciaio	tipo C	tipo C	tipo C			
Coefficiente gamma s	1.15	1.15	1.15			
Coefficiente gamma c	1.50	1.50	1.50			
Verifiche con N costante	Si	Si	Si			
Tensioni ammissibili						
Tensione amm. cls [daN/cm2]	97.50	97.50	97.50			
Tensione amm. acciaio [daN/cm2]	2600.00	2600.00	2600.00			
Rapporto omogeneizzazione N	15.00	15.00	15.00			
Massimo rapporto area compressa/tesa	1.00	1.00	1.00			
Parete estesa debolmente armata						
Fattore amplificazione taglio V	1.50	1.50	1.50			
Hcrit. par. 7.4.4.5.1 [cm]	0.0	0.0	0.0			
Hcrit. par. 7.4.6.1.4 [cm]	0.0	0.0	0.0			
Diagramma inviluppo taglio	No	No	No			
Vincolo lati	nessun lato	nessun lato	nessun lato			
Verifica come fascia	No	No	No			
Diametro di estremità	0	0	0			
Zona confinata						
Minima tesa	1.00	1.00	1.00			
Massima tesa	4.00	4.00	4.00			
Distanza barre [cm]	2.00	2.00	2.00			
Interferro	2	2	2			
Armatura inclinata						
Area barre [cm2]	0.0	0.0	0.0			
Angolo orizzontale [gradi]	0.0	0.0	0.0			
Distanza di base [cm]	0.0	0.0	0.0			
Resistenza al fuoco						
3- intradosso	No	No	No			
3+ estradosso	No	No	No			
Tempo di esposizione R	15	15	15			

Gusci c.a.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Armatura						
Inclinazione Ax [gradi]	0.0	0.0	0.0			
Angolo Ax-Ay [gradi]	90.00	90.00	90.00			
Minima tesa	0.33	0.33	0.33			
Massima tesa	0.81	0.81	0.81			
Maglia unica centrale	No	No	No			
Copriferro [cm]	3.00	3.00	3.00			
Maglia x						
diametro	16	16	16			
passo	15	15	15			
diametro aggiuntivi	16	16	16			
Maglia y						
diametro	16	16	16			
passo	15	12	15			
diametro aggiuntivi	16	16	16			
Stati limite ultimi						
Tensione fy [daN/cm2]	4300.00	4300.00	4300.00			
Tipo acciaio	tipo C	tipo C	tipo C			
Coefficiente gamma s	1.15	1.15	1.15			
Coefficiente gamma c	1.50	1.50	1.50			
Verifiche con N costante	Si	Si	Si			
Applica SLU da DIN	No	No	No			
Tensioni ammissibili						
Tensione amm. cls [daN/cm2]	97.50	97.50	97.50			
Tensione amm. acciaio [daN/cm2]	2600.00	2600.00	2600.00			
Rapporto omogeneizzazione N	15.00	15.00	15.00			
Massimo rapporto area compressa/tesa	1.00	1.00	1.00			
Resistenza al fuoco						
3- intradosso	No	No	No			
3+ estradosso	No	No	No			
Tempo di esposizione R	15	15	15			

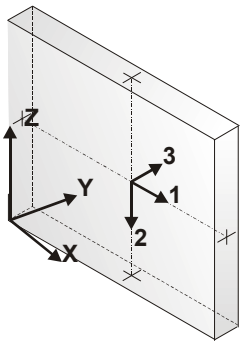
MODELLAZIONE STRUTTURA: ELEMENTI SHELL

LEGENDA TABELLA DATI SHELL

Il programma utilizza per la modellazione elementi a tre o quattro nodi denominati in generale shell.
Ogni elemento shell è individuato dai nodi I, J, K, L (L=I per gli elementi a tre nodi).
Ogni elemento è caratterizzato da un insieme di proprietà riportate in tabella che ne completano la modellazione.



orientamento elementi 3D non verticali



orientamento elementi 3D verticali

In particolare per ogni elemento viene indicato in tabella:

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

Con riferimento al **Documento di Affidabilità** "*Test di validazione del software di calcolo PRO_SAP e dei moduli aggiuntivi PRO_SAP Modulo Geotecnico, PRO_CAD nodi acciaio e PRO_MST*" - versione Maggio 2011, disponibile per il download sul sito **www.2si.it**, si segnalano i seguenti esempi applicativi:

Test N°	Titolo
8	MENSOLE CON ELEMENTI PLATE E MATERIALE ORTOTROPO
10	PIASTRA CON ELEMENTI PLATE E MATERIALE ORTOTROPO
21	DRILLING
25	TENSIONI DI ELEMENTI PLATE
31	REALIZZAZIONE DI MESH PIANA SU GEOMETRIA CON PUNTI FISSI IMPORTATA DA FILE .DXF
32	REALIZZAZIONE DI MESH PIANA SU GEOMETRIA CON SEGMENTI E FORI INTERNI IMPORTATA DA FILE .DXF
33	REALIZZAZIONE DI MESH PIANE SU GEOMETRIE COSTRUITE IN PRO_SAP
34	ANALISI DI BUCKLING DI PIASTRA ISOTROPA
35	ANALISI DI BUCKLING DI UN CILINDRO COMPRESSO INCASTRATO ALLA BASE
36	ANALISI DI PARETI FORATE
37	BIMETALLIC STRIP (NAFEMS EXERCISE 6)
38	ANALISI ELASTICA DI PIASTRA CON INTAGLIO CIRCOLARE (FLAT BAR WITH EDGE NOTCHES-NAFEMS EXERCISE 9)
39	PLATEA NERVATA
45	VERIFICA A PUNZONAMENTO ALLO SLU DI PIASTRE IN C.A.
117	PROGETTO E VERIFICA DI GUSCI IN MATERIALE XLAM
118	PROGETTO E VERIFICA DI PARETI IN MATERIALE XLAM E RELATIVI COLLEGAMENTI

Elem.	Note	Nodo I	Nodo J	Nodo K	Nodo L	Mat.	Spessore cm	Svincolo	Wink V daN/cm3	Wink O daN/cm3
1	Guscio fond.	1	2	3	4	1	35.0		1.30	1.00
2	Guscio fond.	2	5	6	3	1	35.0		1.30	1.00
3	Guscio fond.	5	7	8	6	1	35.0		1.30	1.00
4	Guscio fond.	7	9	10	8	1	35.0		1.30	1.00
5	Guscio fond.	4	3	11	12	1	35.0		1.30	1.00
6	Guscio fond.	3	6	13	11	1	35.0		1.30	1.00
7	Guscio fond.	6	8	14	13	1	35.0		1.30	1.00
8	Guscio fond.	8	10	15	14	1	35.0		1.30	1.00
9	Guscio fond.	12	11	16	17	1	35.0		1.30	1.00
10	Guscio fond.	11	13	18	16	1	35.0		1.30	1.00
11	Guscio fond.	13	14	19	18	1	35.0		1.30	1.00
12	Guscio fond.	14	15	20	19	1	35.0		1.30	1.00
13	Guscio fond.	17	16	21	22	1	35.0		1.30	1.00
14	Guscio fond.	16	18	23	21	1	35.0		1.30	1.00
15	Guscio fond.	18	19	24	23	1	35.0		1.30	1.00

16	Guscio fond.	19	20	25	24	1	35.0	1.30	1.00
17	Guscio fond.	22	21	26	27	1	35.0	1.30	1.00
18	Guscio fond.	21	23	28	26	1	35.0	1.30	1.00
19	Guscio fond.	23	24	29	28	1	35.0	1.30	1.00
20	Guscio fond.	24	25	30	29	1	35.0	1.30	1.00
21	Guscio fond.	27	26	31	32	1	35.0	1.30	1.00
22	Guscio fond.	26	28	33	31	1	35.0	1.30	1.00
23	Guscio fond.	28	29	34	33	1	35.0	1.30	1.00
24	Guscio fond.	29	30	35	34	1	35.0	1.30	1.00
25	Guscio fond.	32	31	36	37	1	35.0	1.30	1.00
26	Guscio fond.	31	33	38	36	1	35.0	1.30	1.00
27	Guscio fond.	33	34	39	38	1	35.0	1.30	1.00
28	Guscio fond.	34	35	40	39	1	35.0	1.30	1.00
29	Guscio fond.	37	36	41	42	1	35.0	1.30	1.00
30	Guscio fond.	36	38	43	41	1	35.0	1.30	1.00
31	Guscio fond.	38	39	44	43	1	35.0	1.30	1.00
32	Guscio fond.	39	40	45	44	1	35.0	1.30	1.00
33	Guscio fond.	9	46	47	10	1	35.0	1.30	1.00
34	Guscio fond.	46	48	49	47	1	35.0	1.30	1.00
35	Guscio fond.	48	50	51	49	1	35.0	1.30	1.00
36	Guscio fond.	50	52	53	51	1	35.0	1.30	1.00
37	Guscio fond.	52	54	55	53	1	35.0	1.30	1.00
38	Guscio fond.	54	56	57	55	1	35.0	1.30	1.00
39	Guscio fond.	56	58	59	57	1	35.0	1.30	1.00
40	Guscio fond.	58	60	61	59	1	35.0	1.30	1.00
41	Guscio fond.	60	62	63	61	1	35.0	1.30	1.00
42	Guscio fond.	62	64	65	63	1	35.0	1.30	1.00
43	Guscio fond.	10	47	66	15	1	35.0	1.30	1.00
44	Guscio fond.	47	49	67	66	1	35.0	1.30	1.00
45	Guscio fond.	49	51	68	67	1	35.0	1.30	1.00
46	Guscio fond.	51	53	69	68	1	35.0	1.30	1.00
47	Guscio fond.	53	55	70	69	1	35.0	1.30	1.00
48	Guscio fond.	55	57	71	70	1	35.0	1.30	1.00
49	Guscio fond.	57	59	72	71	1	35.0	1.30	1.00
50	Guscio fond.	59	61	73	72	1	35.0	1.30	1.00
51	Guscio fond.	61	63	74	73	1	35.0	1.30	1.00
52	Guscio fond.	63	65	75	74	1	35.0	1.30	1.00
53	Guscio fond.	15	66	76	20	1	35.0	1.30	1.00
54	Guscio fond.	66	67	77	76	1	35.0	1.30	1.00
55	Guscio fond.	67	68	78	77	1	35.0	1.30	1.00
56	Guscio fond.	68	69	79	78	1	35.0	1.30	1.00
57	Guscio fond.	69	70	80	79	1	35.0	1.30	1.00
58	Guscio fond.	70	71	81	80	1	35.0	1.30	1.00
59	Guscio fond.	71	72	82	81	1	35.0	1.30	1.00
60	Guscio fond.	72	73	83	82	1	35.0	1.30	1.00
61	Guscio fond.	73	74	84	83	1	35.0	1.30	1.00
62	Guscio fond.	74	75	85	84	1	35.0	1.30	1.00
63	Guscio fond.	20	76	86	25	1	35.0	1.30	1.00
64	Guscio fond.	76	77	87	86	1	35.0	1.30	1.00
65	Guscio fond.	77	78	88	87	1	35.0	1.30	1.00
66	Guscio fond.	78	79	89	88	1	35.0	1.30	1.00
67	Guscio fond.	79	80	90	89	1	35.0	1.30	1.00
68	Guscio fond.	80	81	91	90	1	35.0	1.30	1.00
69	Guscio fond.	81	82	92	91	1	35.0	1.30	1.00
70	Guscio fond.	82	83	93	92	1	35.0	1.30	1.00
71	Guscio fond.	83	84	94	93	1	35.0	1.30	1.00
72	Guscio fond.	84	85	95	94	1	35.0	1.30	1.00
73	Guscio fond.	25	86	96	30	1	35.0	1.30	1.00
74	Guscio fond.	86	87	97	96	1	35.0	1.30	1.00
75	Guscio fond.	87	88	98	97	1	35.0	1.30	1.00
76	Guscio fond.	88	89	99	98	1	35.0	1.30	1.00
77	Guscio fond.	89	90	100	99	1	35.0	1.30	1.00
78	Guscio fond.	90	91	101	100	1	35.0	1.30	1.00
79	Guscio fond.	91	92	102	101	1	35.0	1.30	1.00
80	Guscio fond.	92	93	103	102	1	35.0	1.30	1.00
81	Guscio fond.	93	94	104	103	1	35.0	1.30	1.00
82	Guscio fond.	94	95	105	104	1	35.0	1.30	1.00
83	Guscio fond.	30	96	106	35	1	35.0	1.30	1.00
84	Guscio fond.	96	97	107	106	1	35.0	1.30	1.00
85	Guscio fond.	97	98	108	107	1	35.0	1.30	1.00
86	Guscio fond.	98	99	109	108	1	35.0	1.30	1.00
87	Guscio fond.	99	100	110	109	1	35.0	1.30	1.00
88	Guscio fond.	100	101	111	110	1	35.0	1.30	1.00
89	Guscio fond.	101	102	112	111	1	35.0	1.30	1.00
90	Guscio fond.	102	103	113	112	1	35.0	1.30	1.00
91	Guscio fond.	103	104	114	113	1	35.0	1.30	1.00
92	Guscio fond.	104	105	115	114	1	35.0	1.30	1.00

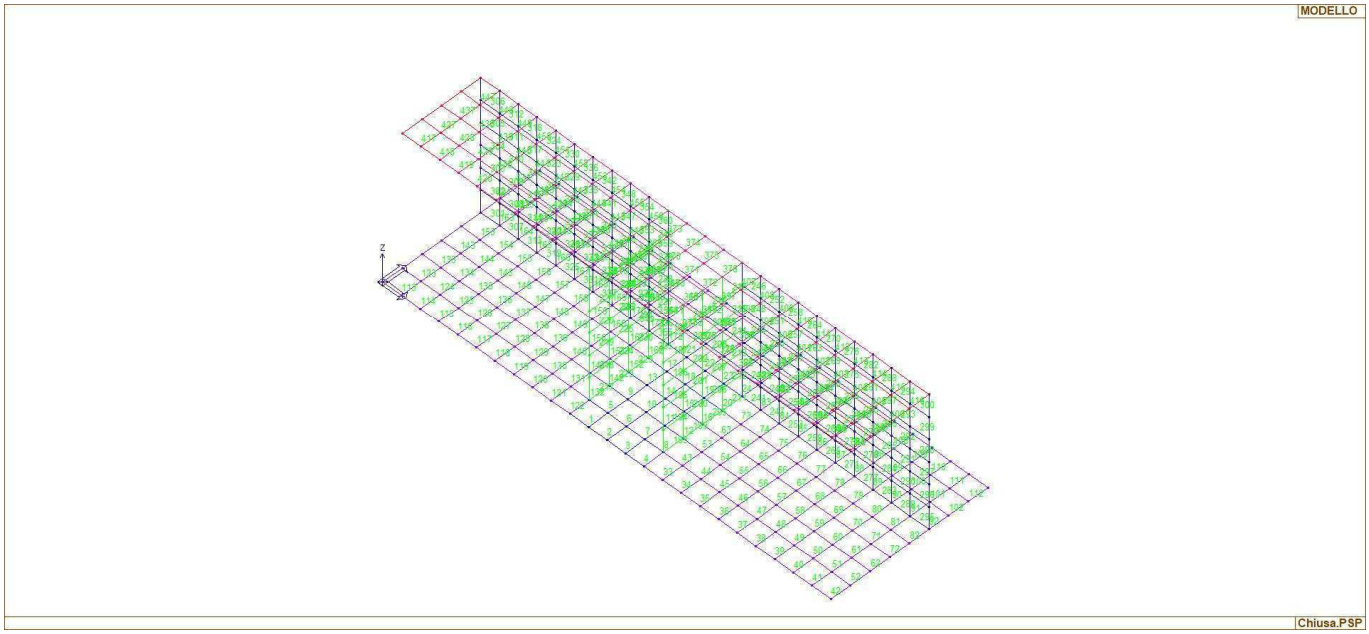
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99	Guscio fond.	111	112	122	121	1	35.0	1.30	1.00
100	Guscio fond.	112	113	123	122	1	35.0	1.30	1.00
101	Guscio fond.	113	114	124	123	1	35.0	1.30	1.00
102	Guscio fond.	114	115	125	124	1	35.0	1.30	1.00
103	Guscio fond.	40	116	126	45	1	35.0	1.30	1.00
104	Guscio fond.	116	117	127	126	1	35.0	1.30	1.00
105	Guscio fond.	117	118	128	127	1	35.0	1.30	1.00
106	Guscio fond.	118	119	129	128	1	35.0	1.30	1.00
107	Guscio fond.	119	120	130	129	1	35.0	1.30	1.00
108	Guscio fond.	120	121	131	130	1	35.0	1.30	1.00
109	Guscio fond.	121	122	132	131	1	35.0	1.30	1.00
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112	Guscio fond.	124	125	135	134	1	35.0	1.30	1.00
113	Guscio fond.	217	136	137	218	1	35.0	1.30	1.00
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115	Guscio fond.	138	140	141	139	1	35.0	1.30	1.00
116	Guscio fond.	140	142	143	141	1	35.0	1.30	1.00
117	Guscio fond.	142	144	145	143	1	35.0	1.30	1.00
118	Guscio fond.	144	146	147	145	1	35.0	1.30	1.00
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120	Guscio fond.	148	150	151	149	1	35.0	1.30	1.00
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122	Guscio fond.	152	1	4	153	1	35.0	1.30	1.00
123	Guscio fond.	218	137	155	219	1	35.0	1.30	1.00
124	Guscio fond.	137	139	156	155	1	35.0	1.30	1.00
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126	Guscio fond.	141	143	158	157	1	35.0	1.30	1.00
127	Guscio fond.	143	145	159	158	1	35.0	1.30	1.00
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129	Guscio fond.	147	149	161	160	1	35.0	1.30	1.00
130	Guscio fond.	149	151	162	161	1	35.0	1.30	1.00
131	Guscio fond.	151	153	163	162	1	35.0	1.30	1.00
132	Guscio fond.	153	4	12	163	1	35.0	1.30	1.00
133	Guscio fond.	219	155	165	220	1	35.0	1.30	1.00
134	Guscio fond.	155	156	166	165	1	35.0	1.30	1.00
135	Guscio fond.	156	157	167	166	1	35.0	1.30	1.00
136	Guscio fond.	157	158	168	167	1	35.0	1.30	1.00
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138	Guscio fond.	159	160	170	169	1	35.0	1.30	1.00
139	Guscio fond.	160	161	171	170	1	35.0	1.30	1.00
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141	Guscio fond.	162	163	173	172	1	35.0	1.30	1.00
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145	Guscio fond.	166	167	177	176	1	35.0	1.30	1.00
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169	Guscio fond.	190	191	201	200	1	35.0	1.30	1.00

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177	Guscio fond.	198	199	209	208	1	35.0	1.30	1.00
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192	Guscio fond.	213	37	42	214	1	35.0	1.30	1.00
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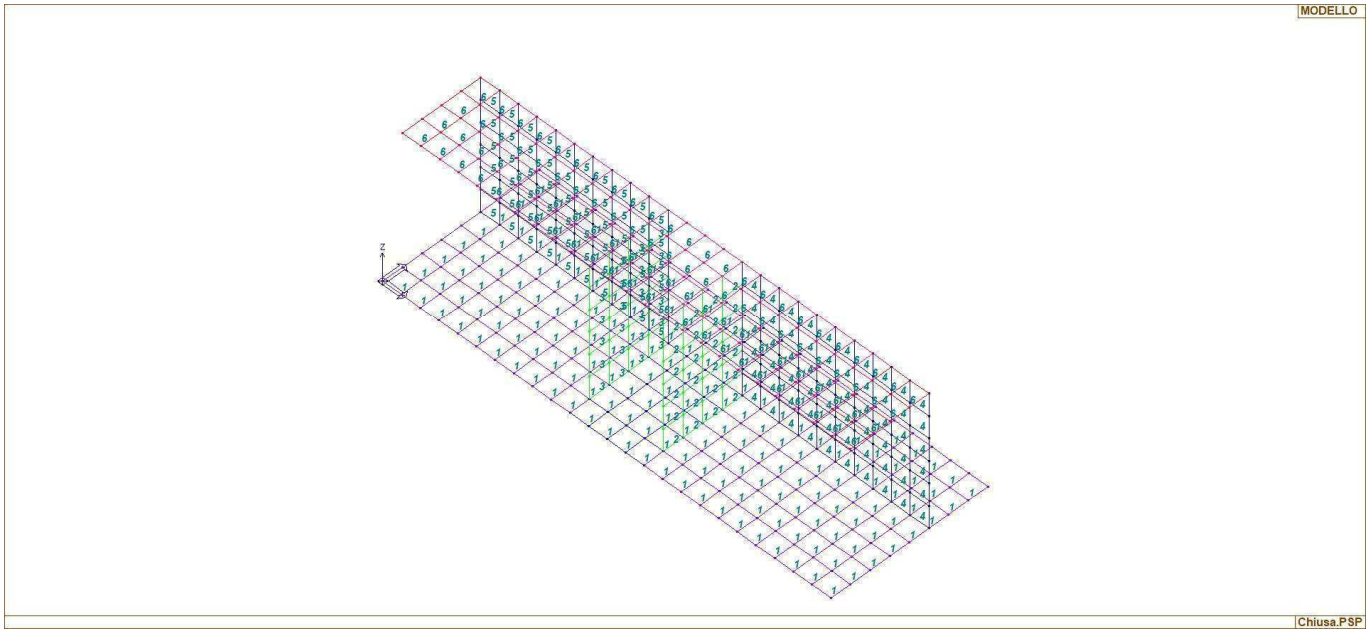
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375	Guscio	413	414	474	473	1	30.0
376	Guscio	414	249	255	474	1	30.0
377	Guscio	236	475	415	237	1	30.0
378	Guscio	475	476	416	415	1	30.0
379	Guscio	476	477	417	416	1	30.0
380	Guscio	477	478	418	417	1	30.0
381	Guscio	478	479	419	418	1	30.0
382	Guscio	479	480	420	419	1	30.0
383	Guscio	480	481	421	420	1	30.0
384	Guscio	481	482	422	421	1	30.0
385	Guscio	482	483	423	422	1	30.0
386	Guscio	483	484	485	423	1	30.0
387	Guscio	237	415	424	243	1	30.0
388	Guscio	415	416	425	424	1	30.0
389	Guscio	416	417	426	425	1	30.0
390	Guscio	417	418	427	426	1	30.0
391	Guscio	418	419	428	427	1	30.0
392	Guscio	419	420	429	428	1	30.0
393	Guscio	420	421	430	429	1	30.0
394	Guscio	421	422	431	430	1	30.0
395	Guscio	422	423	432	431	1	30.0
396	Guscio	423	485	486	432	1	30.0
397	Guscio	243	424	433	249	1	30.0
398	Guscio	424	425	434	433	1	30.0
399	Guscio	425	426	435	434	1	30.0
400	Guscio	426	427	436	435	1	30.0

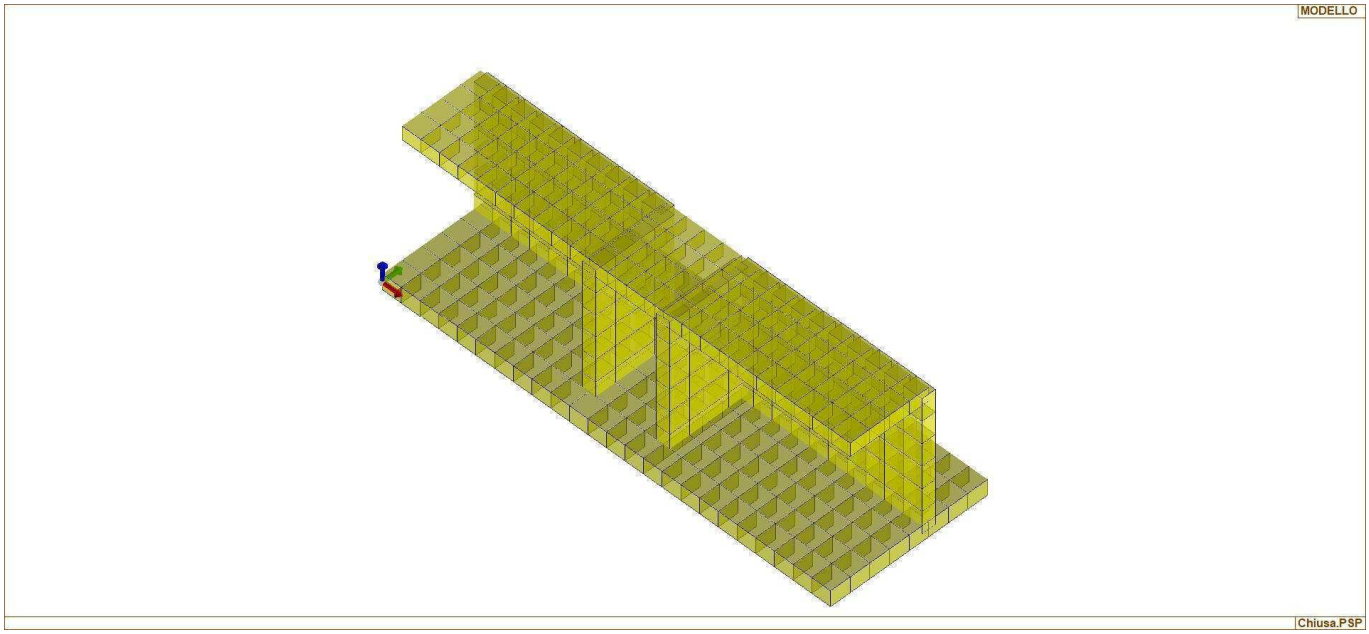
401	Guscio	427	428	437	436	1	30.0
402	Guscio	428	429	438	437	1	30.0
403	Guscio	429	430	439	438	1	30.0
404	Guscio	430	431	440	439	1	30.0
405	Guscio	431	432	441	440	1	30.0
406	Guscio	432	486	487	441	1	30.0
407	Guscio	249	433	291	255	1	30.0
408	Guscio	433	434	297	291	1	30.0
409	Guscio	434	435	303	297	1	30.0
410	Guscio	435	436	309	303	1	30.0
411	Guscio	436	437	315	309	1	30.0
412	Guscio	437	438	321	315	1	30.0
413	Guscio	438	439	327	321	1	30.0
414	Guscio	439	440	333	327	1	30.0
415	Guscio	440	441	339	333	1	30.0
416	Guscio	441	487	345	339	1	30.0
417	Guscio	488	489	442	490	1	30.0
418	Guscio	489	491	443	442	1	30.0
419	Guscio	491	492	444	443	1	30.0
420	Guscio	492	493	445	444	1	30.0
421	Guscio	493	494	446	445	1	30.0
422	Guscio	494	495	447	446	1	30.0
423	Guscio	495	496	448	447	1	30.0
424	Guscio	496	497	449	448	1	30.0
425	Guscio	497	498	450	449	1	30.0
426	Guscio	498	266	267	450	1	30.0
427	Guscio	490	442	451	499	1	30.0
428	Guscio	442	443	452	451	1	30.0
429	Guscio	443	444	453	452	1	30.0
430	Guscio	444	445	454	453	1	30.0
431	Guscio	445	446	455	454	1	30.0
432	Guscio	446	447	456	455	1	30.0
433	Guscio	447	448	457	456	1	30.0
434	Guscio	448	449	458	457	1	30.0
435	Guscio	449	450	459	458	1	30.0
436	Guscio	450	267	273	459	1	30.0
437	Guscio	499	451	460	500	1	30.0
438	Guscio	451	452	461	460	1	30.0
439	Guscio	452	453	462	461	1	30.0
440	Guscio	453	454	400	462	1	30.0
441	Guscio	454	455	401	400	1	30.0
442	Guscio	455	456	402	401	1	30.0
443	Guscio	456	457	403	402	1	30.0
444	Guscio	457	458	404	403	1	30.0
445	Guscio	458	459	405	404	1	30.0
446	Guscio	459	273	279	405	1	30.0
447	Guscio	500	460	351	468	1	30.0
448	Guscio	460	461	357	351	1	30.0
449	Guscio	461	462	363	357	1	30.0
450	Guscio	462	400	369	363	1	30.0
451	Guscio	400	401	375	369	1	30.0
452	Guscio	401	402	381	375	1	30.0
453	Guscio	402	403	387	381	1	30.0
454	Guscio	403	404	393	387	1	30.0
455	Guscio	404	405	399	393	1	30.0
456	Guscio	405	279	285	399	1	30.0



16_MOD_NUMERAZIONE_D3



16_MOD_NUMERAZIONE_D3_PARETI



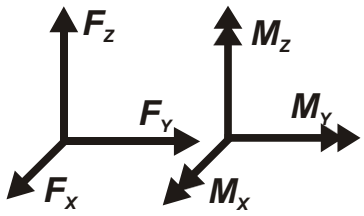
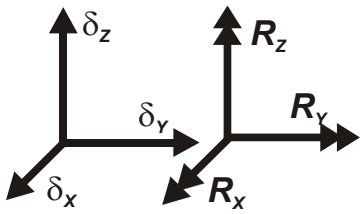
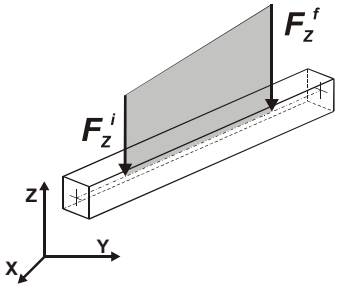
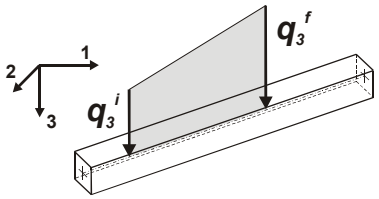
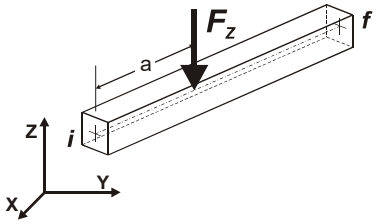
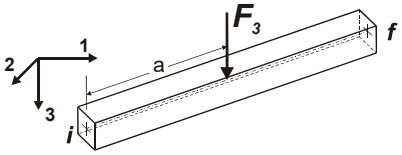
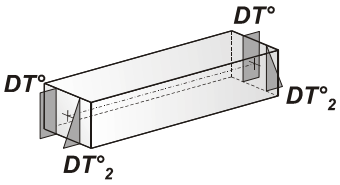
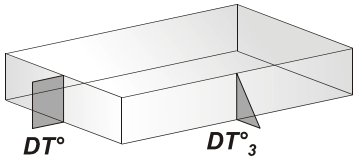
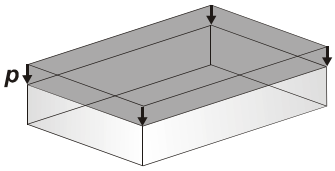
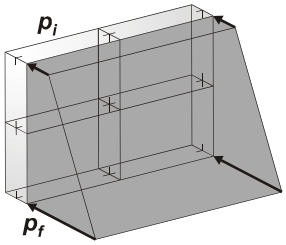
16_MOD_SPESSORI_D3

MODELLAZIONE DELLE AZIONI

LEGENDA TABELLA DATI AZIONI

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

1	**carico concentrato nodale** 6 dati (forza Fx, Fy, Fz, momento Mx, My, Mz)
2	**spostamento nodale impresso** 6 dati (spostamento Tx,Ty,Tz, rotazione Rx,Ry,Rz)
3	**carico distribuito globale su elemento tipo trave** 7 dati (fx,fy,fz,mx,my,mz,ascissa di inizio carico) 7 dati (fx,fy,fz,mx,my,mz,ascissa di fine carico)
4	**carico distribuito locale su elemento tipo trave** 7 dati (f1,f2,f3,m1,m2,m3,ascissa di inizio carico) 7 dati (f1,f2,f3,m1,m2,m3,ascissa di fine carico)
5	**carico concentrato globale su elemento tipo trave** 7 dati (Fx,Fy,Fz,Mx,My,Mz,ascissa di carico)
6	**carico concentrato locale su elemento tipo trave** 7 dati (F1, F2, F3, M1, M2, M3, ascissa di carico)
7	**variazione termica applicata ad elemento tipo trave** 7 dati (variazioni termiche: uniforme, media e differenza in altezza e larghezza al nodo iniziale e finale)
8	**carico di pressione uniforme su elemento tipo piastra** 1 dato (pressione)
9	**carico di pressione variabile su elemento tipo piastra** 4 dati (pressione, quota, pressione, quota)
10	**variazione termica applicata ad elemento tipo piastra** 2 dati (variazioni termiche: media e differenza nello spessore)
11	**carico variabile generale su elementi tipo trave e piastra** 1 dato descrizione della tipologia 4 dati per segmento (posizione, valore, posizione, valore) la tipologia precisa l'ascissa di definizione, la direzione del carico, la modalità di carico e la larghezza d'influenza per gli elementi tipo trave
12	**gruppo di carichi con impronta su piastra** 9 dati (numero di ripetizioni in direzione X e Y, valore di ciascun carico, posizione centrale del primo, dimensioni dell' impronta, interasse tra i carichi

	Carico concentrato nodale
	Spostamento impresso
	Carico distribuito globale
	Carico distribuito locale
	Carico concentrato globale
	Carico concentrato locale
	Carico termico 2D
	Carico termico 3D
	Carico pressione uniforme
	Carico pressione variabile

Tipo	carico di pressione uniforme su piastra

Id	Tipo	pressione
		daN/cm2
9	Acqua interna su soletta inf	0.30
10	Sottospinta Falda	-0.34
14	Manutenzione	-5.00e-03

Tipo	carico di pressione variabile su piastra

Id	Tipo	pressione	quota	pressione	quota
		daN/cm2	cm	daN/cm2	cm

Id	Tipo	pressione	quota	pressione	quota
1	Spinta Falda sx	0.0	335.00	0.34	0.0
2	Spinta Falda dx	0.0	335.00	-0.34	0.0
5	Spinta riposo sx	0.0	300.00	0.17	0.0
6	Spinta riposo dx	0.0	300.00	-0.17	0.0
7	Acqua interna sx	0.0	300.00	-0.30	0.0
8	Acqua interna dx	0.0	300.00	0.30	0.0
11	ETK PAN --	0.0	300.00	-0.19	0.0
12	ETK PAN ++	0.0	300.00	0.19	0.0
13	acqua interna y	0.0	300.00	-0.30	0.0

SCHEMATIZZAZIONE DEI CASI DI CARICO

LEGENDA TABELLA CASI DI CARICO

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

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

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

Sono di tipo semi-automatico SA (ossia prevedono una minima introduzione dati da parte dell'utente) i seguenti casi di carico:
7-Qtk, in quanto richiede solo il valore della variazione termica;
9-Esk e 10-Edk, in quanto richiedono il valore dell'angolo di ingresso del sisma e l'individuazione dei casi di carico partecipanti alla definizione delle masse.

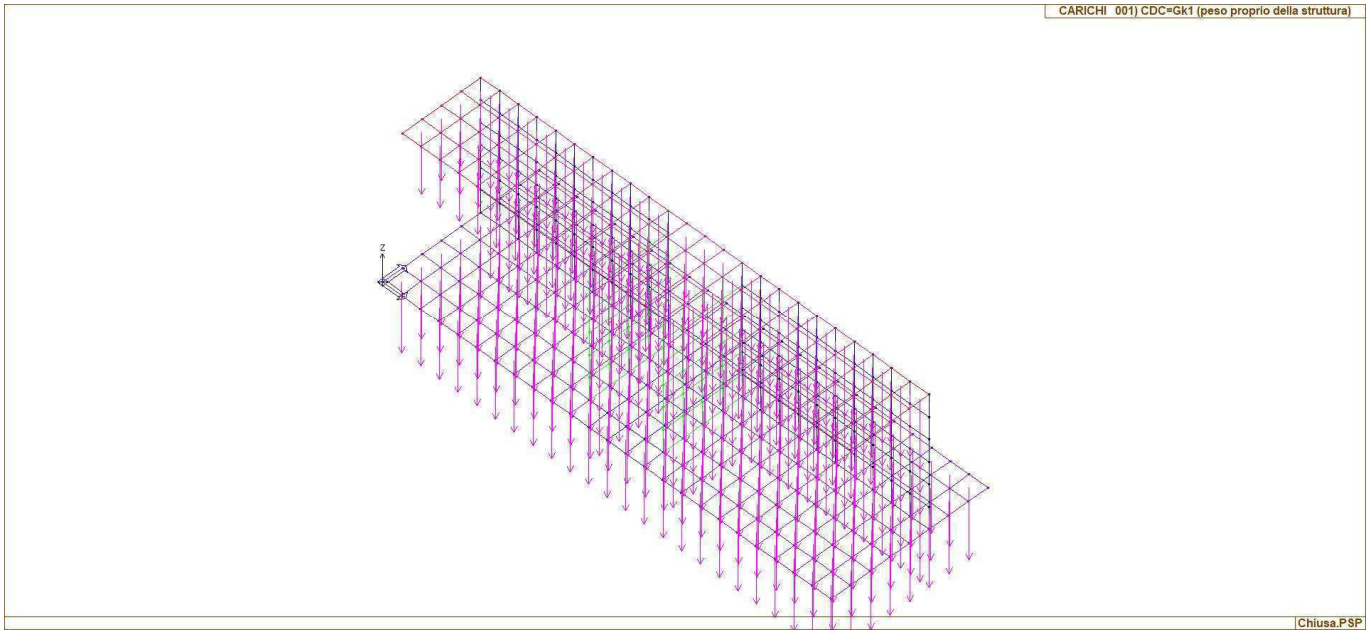
Sono di tipo non automatico NA ossia prevedono la diretta applicazione di carichi generici agli elementi strutturali (si veda il precedente punto Modellazione delle Azioni) i restanti casi di carico.

Nella tabella successiva vengono riportati i casi di carico agenti sulla struttura, con l'indicazione dei dati relativi al caso di carico stesso:
Numero Tipo e *Sigla identificativa*, *Valore di riferimento* del caso di carico (se previsto).

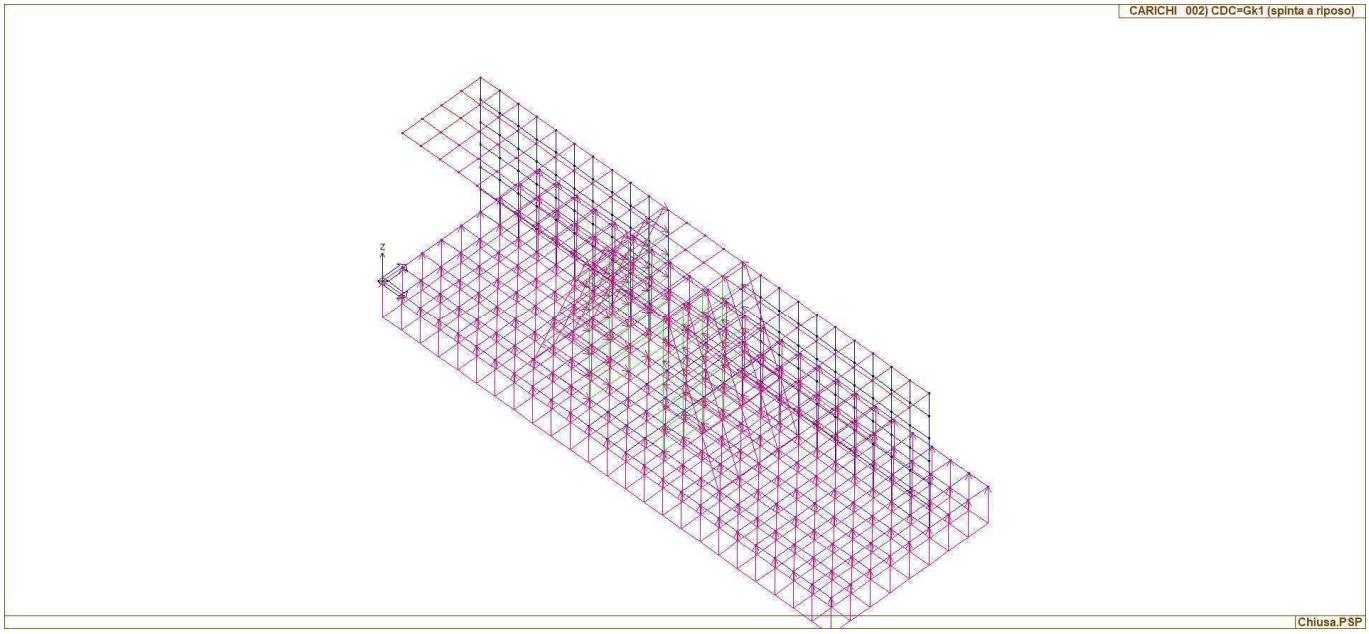
In successione, per i casi di carico non automatici, viene riportato l'elenco di nodi ed elementi direttamente caricati con la sigla identificativa del carico.

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

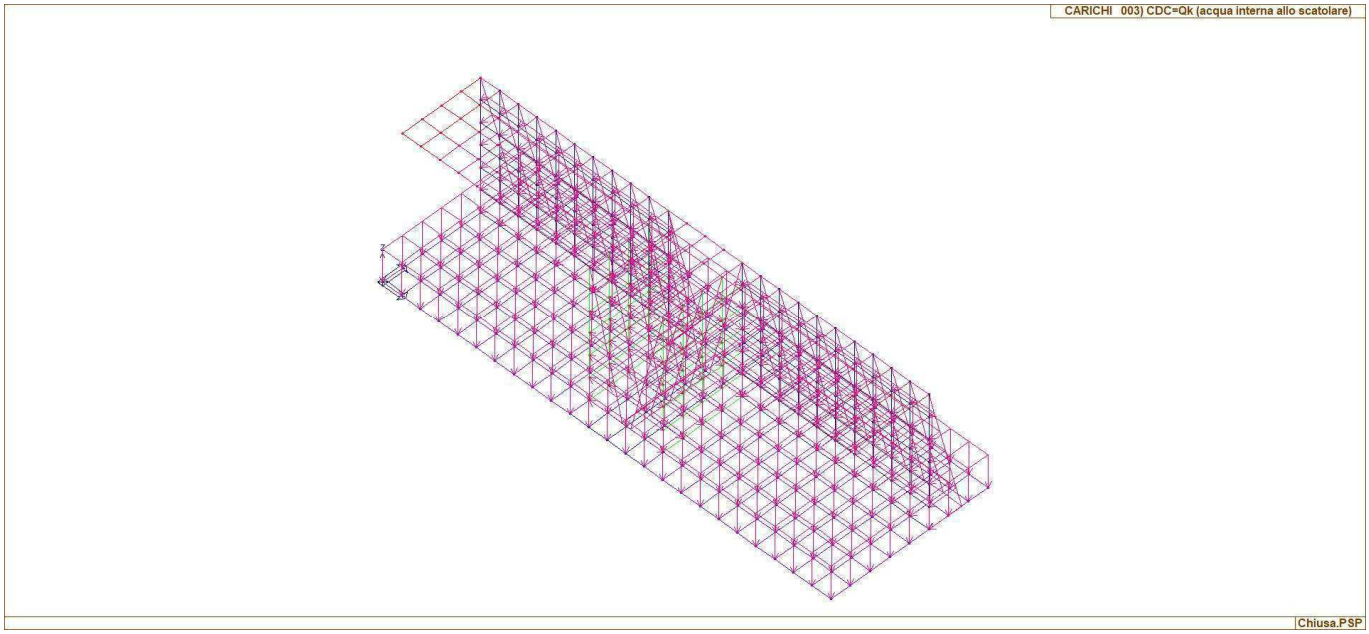
CDC	Tipo	Sigla Id	Note
1	Ggk	CDC=Gk1 (peso proprio della struttura)	
2	Gk	CDC=Gk1 (spinta a riposo)	D3 :da 1 a 192 Azione : Sottospinta Falda
			D3 :da 193 a 216 Azione : Spinta Falda dx
			D3 :da 193 a 216 Azione : Spinta riposo dx
			D3 :da 217 a 240 Azione : Spinta Falda sx
			D3 :da 217 a 240 Azione : Spinta riposo sx
3	Qk	CDC=Qk (acqua interna allo scatolare)	D3 :da 1 a 192 Azione : Acqua interna su soletta inf
			D3 :da 193 a 216 Azione : Acqua interna dx
			D3 :da 217 a 240 Azione : Acqua interna sx
			D3 :da 241 a 360 Azione : acqua interna y
4	Esk	CDC=Es (statico SLU) alfa=0.0 (ecc. 0)	partecipazione:1.00 per 1 CDC=Gk1 (peso proprio della struttura)
			partecipazione:1.00 per 2 CDC=Gk1 (spinta a riposo)
			partecipazione:0.80 per 3 CDC=Qk (acqua interna allo scatolare)
			partecipazione:0.80 per 6 CDC=Qk (variabile generico) Manutenzione 1
			partecipazione:0.80 per 7 CDC=Qk (variabile generico) Manutenzione 2
5	Esk	CDC=Es (statico SLU) alfa=90.00 (ecc. 0)	come precedente CDC sismico
6	Qk	CDC=Qk (variabile generico) Manutenzione 1	D3 :da 377 a 456 Azione : Manutenzione
7	Qk	CDC=Qk (variabile generico) Manutenzione 2	D3 :da 361 a 376 Azione : Manutenzione
8	Etk	CDC=Etk (inc. sp. terreno) SLV dir + alfa=0.0	D3 :da 217 a 240 Azione : ETK PAN ++
9	Etk	CDC=Etk (inc. sp. terreno) SLV dir - alfa=0.0	D3 :da 193 a 216 Azione : ETK PAN --
10	Etk	CDC=Etk (inc. sp. terreno) SLV dir + alfa=90.00	D3 :da 241 a 360 Azione : ETK PAN ++
			D3 :da 241 a 360 Azione : ETK PAN ++
11	Etk	CDC=Etk (inc. sp. terreno) SLV dir - alfa=90.00	D3 :da 241 a 360 Azione : ETK PAN --



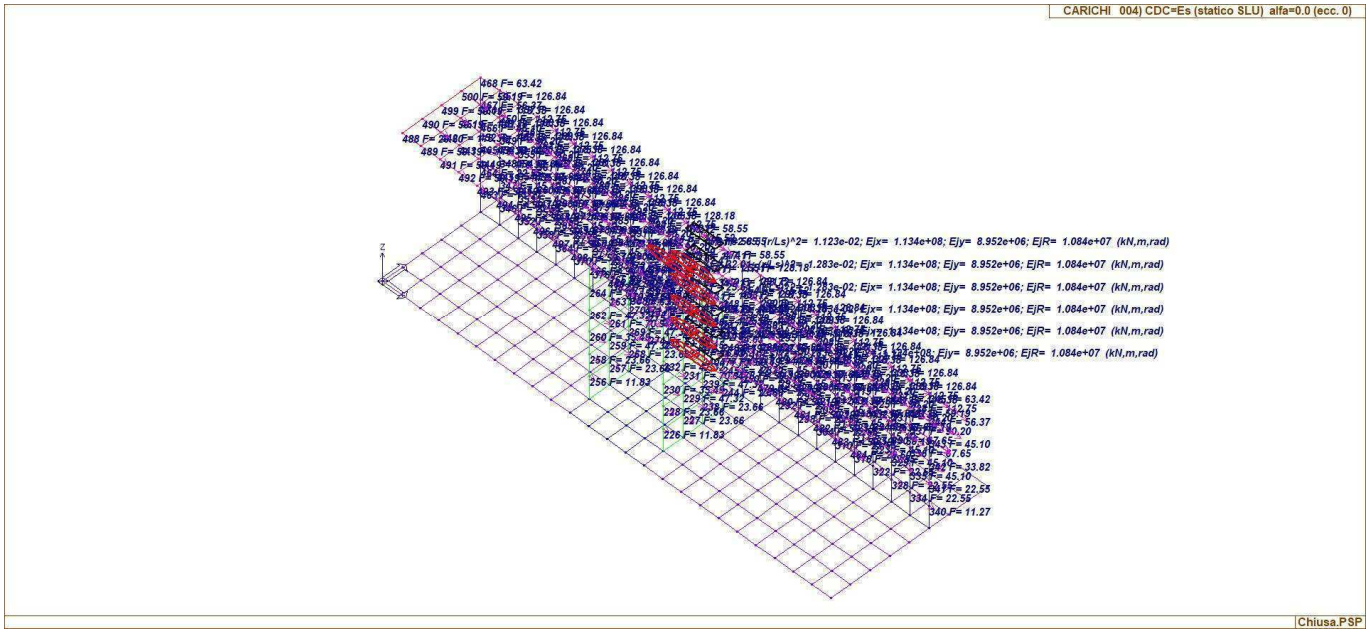
22_CDC_001_CDC=Gk1 (peso proprio della struttura)



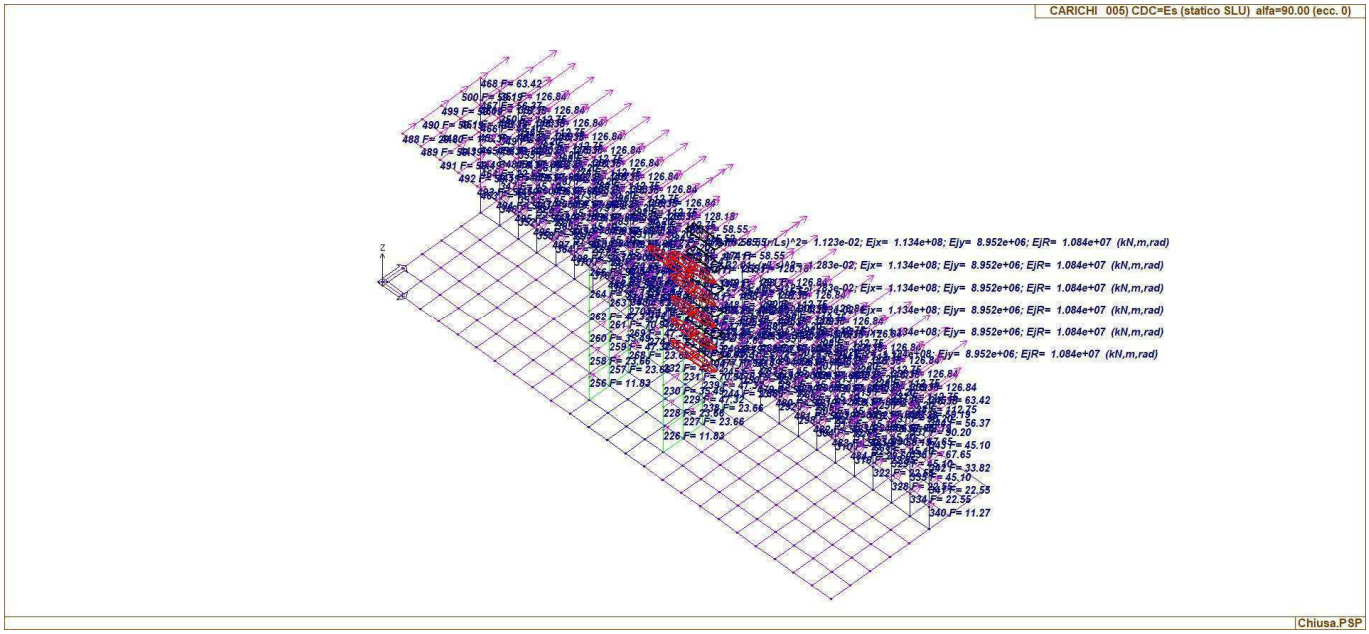
22_CDC_002_CDC=Gk1 (spinta a riposo)



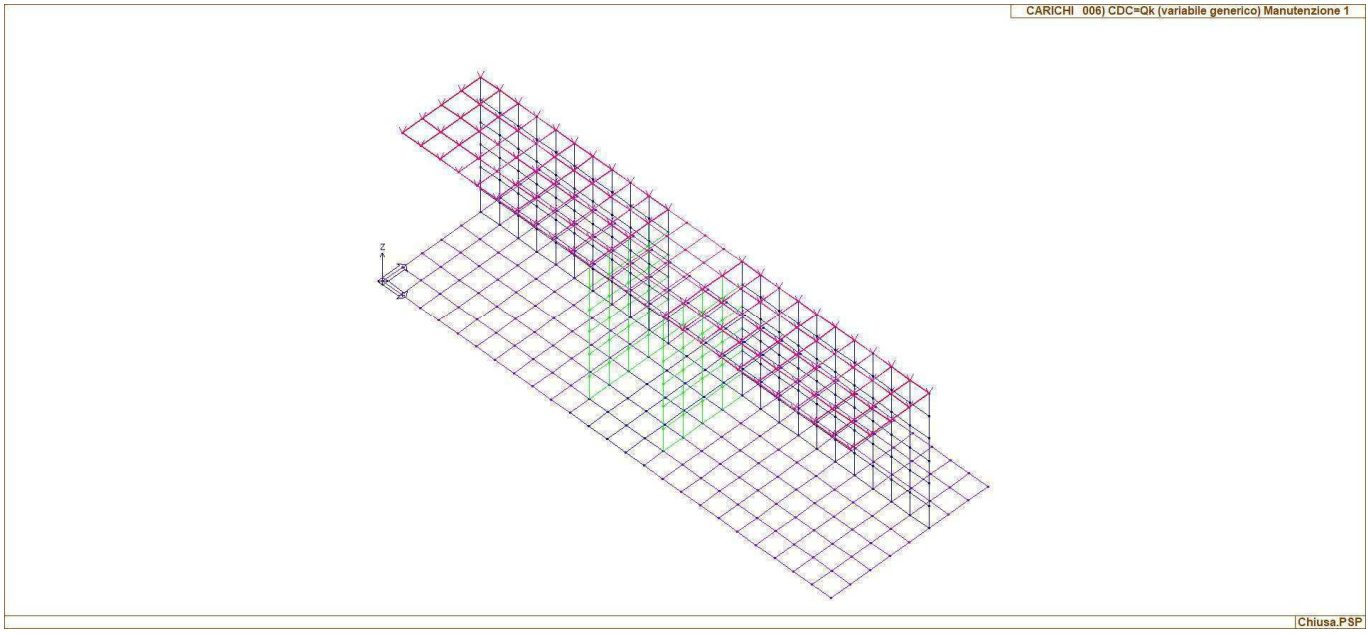
22_CDC_003_CDC=Qk (acqua interna allo scatolare)



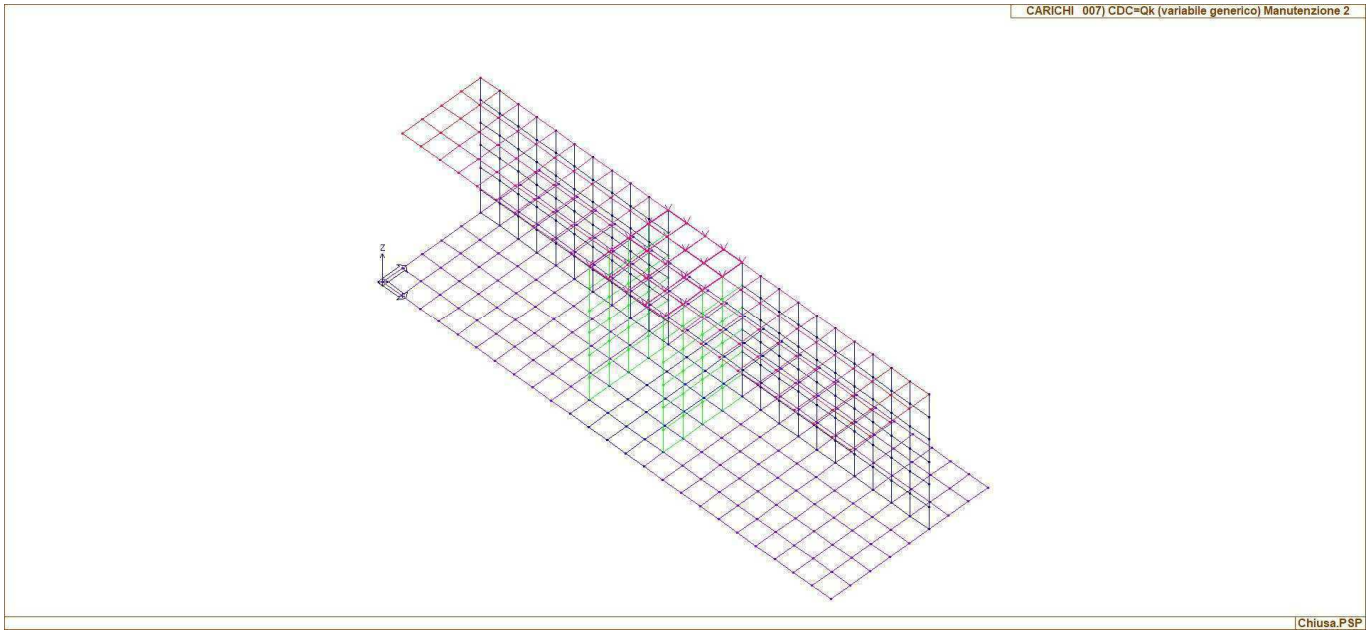
22_CDC_004_CDC=Es (statico SLU) alfa=0.0 (ecc. 0)



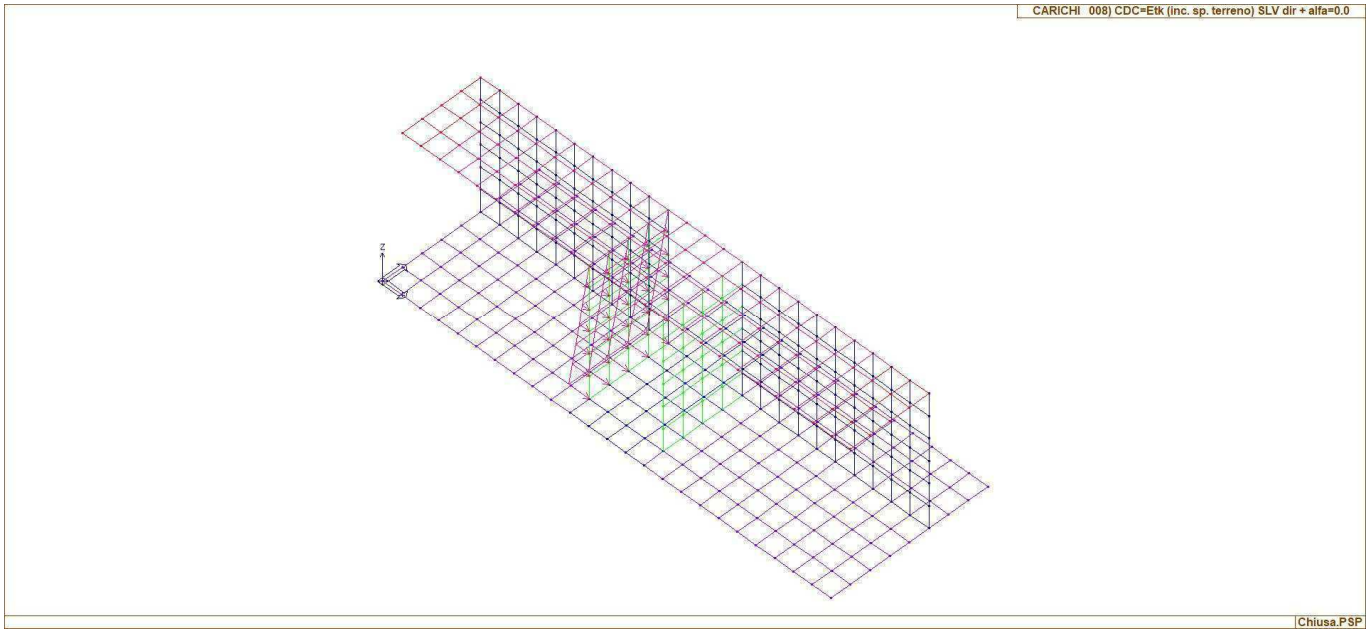
22_CDC_005_CDC=Es (statico SLU) alfa=90.00 (ecc. 0)



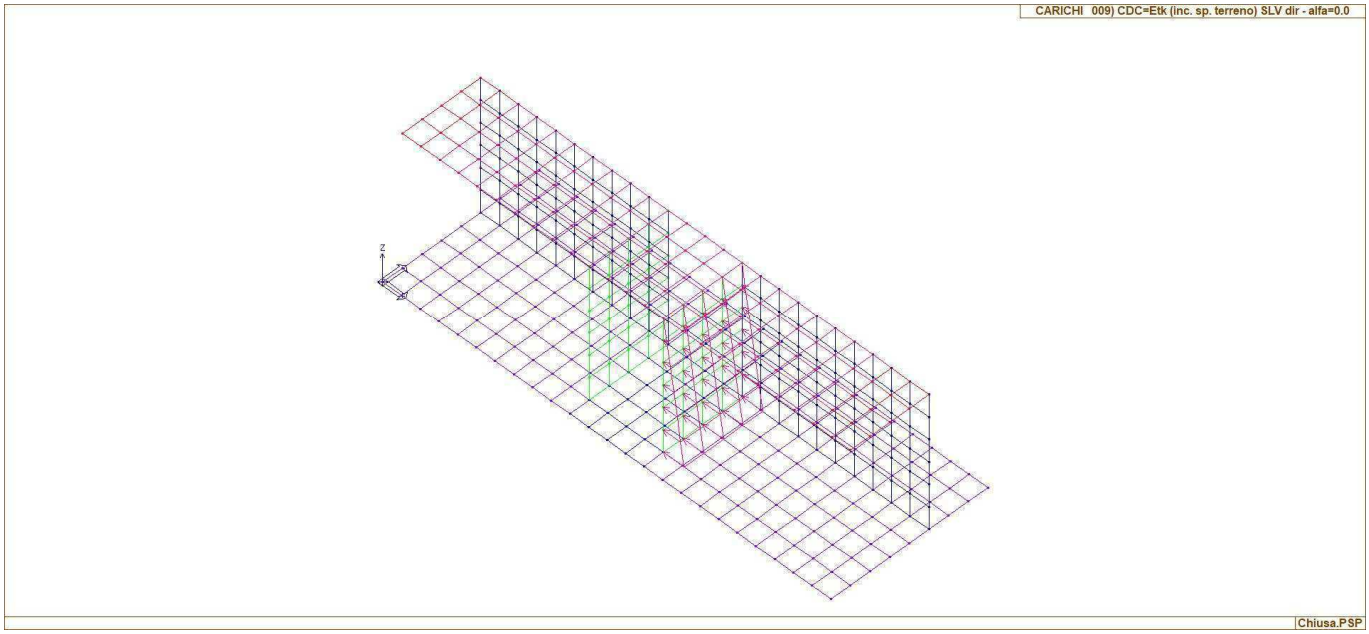
22_CDC_006_CDC=Qk (variabile generico) Manutenzione 1



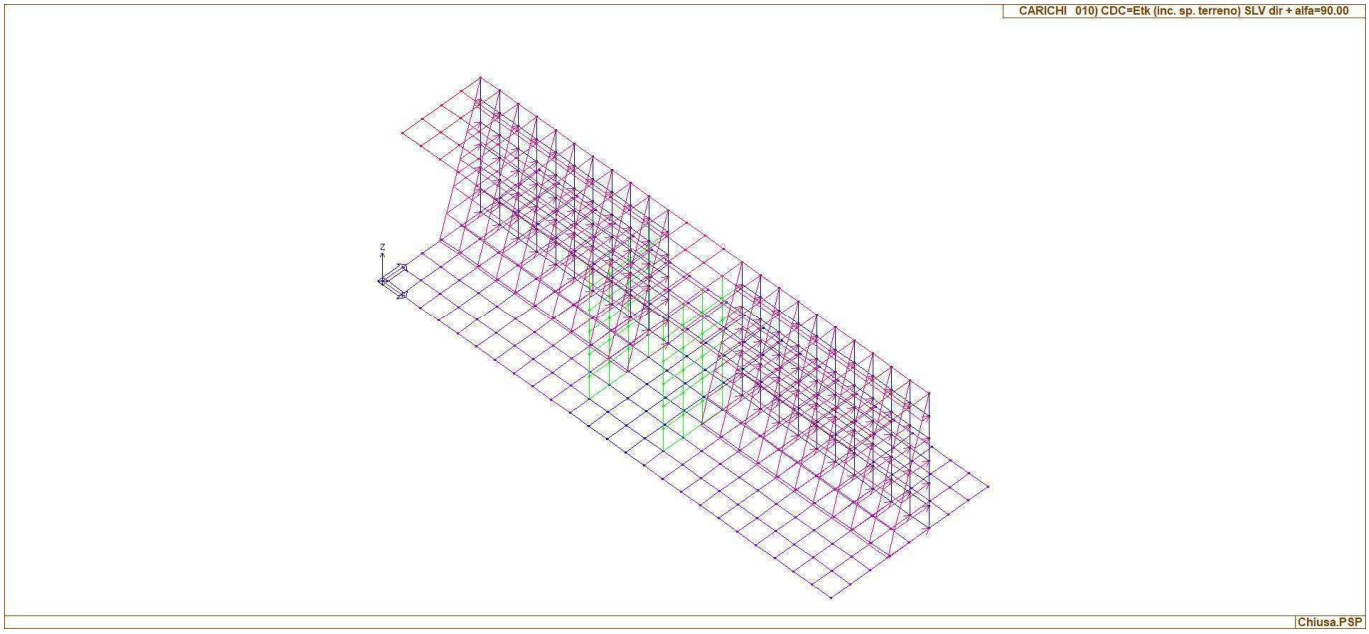
22_CDC_007_CDC=Qk (variabile generico) Manutenzione 2



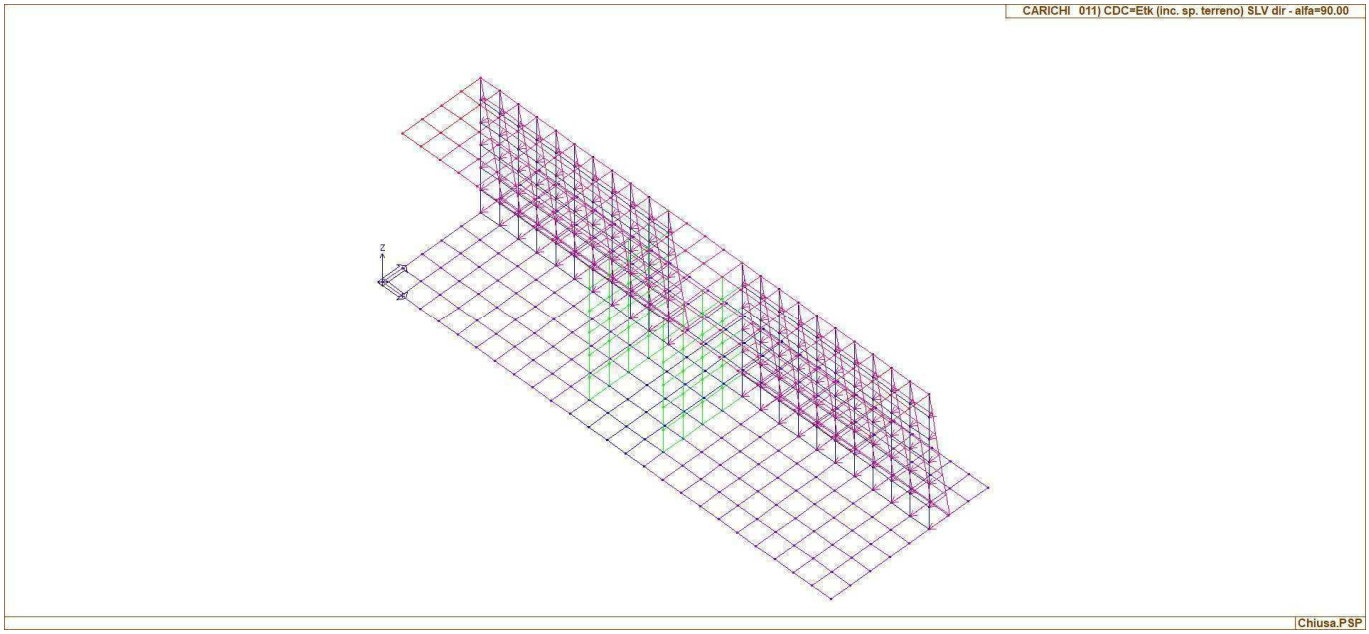
22_CDC_008_CDC=Etk (inc. sp. terreno) SLV dir + alfa=0.0



22_CDC_009_CDC=Etk (inc. sp. terreno) SLV dir - alfa=0.0



22_CDC_010_CDC=Etk (inc. sp. terreno) SLV dir + alfa=90.00



22_CDC_011_CDC=Etk (inc. sp. terreno) SLV dir - alfa=90.00

DEFINIZIONE DELLE COMBINAZIONI

LEGENDA TABELLA COMBINAZIONI DI CARICO

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

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

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

***Combinazione fondamentale** SLU*

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

***Combinazione caratteristica** (rara) SLE*

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

***Combinazione frequente** SLE*

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

***Combinazione quasi permanente** SLE*

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

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

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

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

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

Dove:

NTC 2018 Tabella 2.5.I

Destinazione d'uso/azione	***ψ0***	***ψ1***	***ψ2***
Categoria A residenziali	*0,70*	*0,50*	*0,30*
Categoria B uffici	*0,70*	*0,50*	*0,30*
Categoria C ambienti suscettibili di affollamento	*0,70*	*0,70*	*0,60*
Categoria D ambienti ad uso commerciale	*0,70*	*0,70*	*0,60*
Categoria E biblioteche, archivi, magazzini,…	*1,00*	*0,90*	*0,80*
Categoria F Rimesse e parcheggi (autoveicoli <= 30kN)	*0,70*	*0,70*	*0,60*
Categoria G Rimesse e parcheggi (autoveicoli > 30kN)	*0,70*	*0,50*	*0,30*
Categoria H Coperture	*0,00*	*0,00*	*0,00*
Vento	*0,60*	*0,20*	*0,00*
Neve a quota <= 1000 m	*0,50*	*0,20*	*0,00*
Neve a quota > 1000 m	*0,70*	*0,50*	*0,20*
Variazioni Termiche	*0,60*	*0,50*	*0,00*

Nelle verifiche possono essere adottati in alternativa due diversi approcci progettuali:
- per l'approccio 1 si considerano due diverse combinazioni di gruppi di coefficienti di sicurezza parziali per le azioni, per i materiali e per la resistenza globale (combinazione 1 con coefficienti A1 e combinazione 2 con coefficienti A2),
- per l'approccio 2 si definisce un'unica combinazione per le azioni, per la resistenza dei materiali e per la resistenza globale (con coefficienti A1).

NTC 2018 Tabella 2.6.I

		Coefficiente γf	***EQU***	***A1***	***A2***
Carichi permanenti	*Favorevoli* *Sfavorevoli*	*γG1*	*0,9* *1,1*	*1,0* *1,3*	*1,0* *1,0*
Carichi permanenti non strutturali *(Non compiutamente definiti)*	*Favorevoli* *Sfavorevoli*	*γG2*	*0,8* *1,5*	*0,8* *1,5*	*0,8* *1,3*
Carichi variabili	*Favorevoli* *Sfavorevoli*	*γQi*	*0,0* *1,5*	*0,0* *1,5*	*0,0* *1,3*

Cmb	Tipo	Sigla Id	effetto P-delta
1	SLU	Comb. SLU A1 1	
2	SLU	Comb. SLU A1 2	
3	SLU	Comb. SLU A1 3	
4	SLU	Comb. SLU A1 4	
5	SLU	Comb. SLU A1 5	
6	SLU	Comb. SLU A1 6	
7	SLU	Comb. SLU A1 7	
8	SLU	Comb. SLU A1 8	

Cmb	Tipo	Sigla Id	effetto P-delta
9	SLU	Comb. SLU A1 9	
10	SLU	Comb. SLU A1 10	
11	SLU	Comb. SLU A1 11	
12	SLU	Comb. SLU A1 12	
13	SLU	Comb. SLU A1 (SLV sism.) 13	
14	SLU	Comb. SLU A1 (SLV sism.) 14	
15	SLU	Comb. SLU A1 (SLV sism.) 15	
16	SLU	Comb. SLU A1 (SLV sism.) 16	
17	SLU	Comb. SLU A1 (SLV sism.) 17	
18	SLU	Comb. SLU A1 (SLV sism.) 18	
19	SLU	Comb. SLU A1 (SLV sism.) 19	
20	SLU	Comb. SLU A1 (SLV sism.) 20	
21	SLE(f)	Comb. SLE(freq.) 21	
22	SLE(f)	Comb. SLE(freq.) 22	
23	SLE(f)	Comb. SLE(freq.) 23	
24	SLE(p)	Comb. SLE(perm.) 24	
25	SLE(p)	Comb. SLE(perm.) 25	

Cmb	CDC 1/15...	CDC 2/16...	CDC 3/17...	CDC 4/18...	CDC 5/19...	CDC 6/20...	CDC 7/21...	CDC 8/22...	CDC 9/23...	CDC 10/24...	CDC 11/25...	CDC 12/26...	CDC 13/27...	CDC 14/28...
1	1.30	1.30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
2	1.30	1.30	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
3	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
4	1.00	1.00	1.50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
5	1.30	1.30	0.0	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0			
6	1.30	1.30	1.50	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0			
7	1.00	1.00	0.0	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0			
8	1.00	1.00	1.50	0.0	0.0	1.50	0.0	0.0	0.0	0.0	0.0			
9	1.30	1.30	0.0	0.0	0.0	0.0	1.50	0.0	0.0	0.0	0.0			
10	1.30	1.30	1.50	0.0	0.0	0.0	1.50	0.0	0.0	0.0	0.0			
11	1.00	1.00	0.0	0.0	0.0	0.0	1.50	0.0	0.0	0.0	0.0			
12	1.00	1.00	1.50	0.0	0.0	0.0	1.50	0.0	0.0	0.0	0.0			
13	1.00	1.00	0.80	-1.00	-0.30	0.0	0.0	0.0	1.00	0.0	0.30			
14	1.00	1.00	0.80	-1.00	0.30	0.0	0.0	0.0	1.00	0.30	0.0			
15	1.00	1.00	0.80	1.00	-0.30	0.0	0.0	1.00	0.0	0.0	0.30			
16	1.00	1.00	0.80	1.00	0.30	0.0	0.0	1.00	0.0	0.30	0.0			
17	1.00	1.00	0.80	-0.30	-1.00	0.0	0.0	0.0	0.30	0.0	1.00			
18	1.00	1.00	0.80	-0.30	1.00	0.0	0.0	0.0	0.30	1.00	0.0			
19	1.00	1.00	0.80	0.30	-1.00	0.0	0.0	0.30	0.0	0.0	1.00			
20	1.00	1.00	0.80	0.30	1.00	0.0	0.0	0.30	0.0	1.00	0.0			
21	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
22	1.00	1.00	0.90	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
23	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
24	1.00	1.00	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			
25	1.00	1.00	0.80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0			

AZIONE SISMICA

VALUTAZIONE DELL' AZIONE SISMICA

L'azione sismica sulle costruzioni è valutata a partire dalla "pericolosità sismica di base", in condizioni ideali di sito di riferimento rigido con superficie topografica orizzontale.
Allo stato attuale, la pericolosità sismica su reticolo di riferimento nell'intervallo di riferimento è fornita dai dati pubblicati sul sito http://esse1.mi.ingv.it/. Per punti non coincidenti con il reticolo di riferimento e periodi di ritorno non contemplati direttamente si opera come indicato nell' allegato alle NTC (rispettivamente media pesata e interpolazione).

L' azione sismica viene definita in relazione ad un periodo di riferimento Vr che si ricava, per ciascun tipo di costruzione, moltiplicandone la vita nominale per il coefficiente d'uso (vedi tabella Parametri della struttura). Fissato il periodo di riferimento Vr e la probabilità di superamento Pver associata a ciascuno degli stati limite considerati, si ottiene il periodo di ritorno Tr e i relativi parametri di pericolosità sismica (vedi tabella successiva):
ag: accelerazione orizzontale massima del terreno;
Fo: valore massimo del fattore di amplificazione dello spettro in accelerazione orizzontale;
T*c: periodo di inizio del tratto a velocità costante dello spettro in accelerazione orizzontale;

Parametri della struttura					
Classe d'uso	Vita Vn [anni]	Coeff. Uso	Periodo Vr [anni]	Tipo di suolo	Categoria topografica
I	50.0	0.7	35.0	D	T1

Individuati su reticolo di riferimento i parametri di pericolosità sismica si valutano i parametri spettrali riportati in tabella:
S è il coefficiente che tiene conto della categoria di sottosuolo e delle condizioni topografiche mediante la relazione seguente S = Ss*St (3.2.3)
Fo è il fattore che quantifica l'amplificazione spettrale massima, su sito di riferimento rigido orizzontale
Fv è il fattore che quantifica l'amplificazione spettrale massima verticale, in termini di accelerazione orizzontale massima del terreno ag su sito di riferimento rigido orizzontale
Tb è il periodo corrispondente all'inizio del tratto dello spettro ad accelerazione costante.
Tc è il periodo corrispondente all'inizio del tratto dello spettro a velocità costante.
Td è il periodo corrispondente all'inizio del tratto dello spettro a spostamento costante.

Id nodo	**Longitudine**	**Latitudine**	**Distanza**
			Km
Loc.	11.385	44.793	
15621	11.379	44.766	3.029
15622	11.449	44.767	5.801
15400	11.447	44.817	5.554
15399	11.377	44.816	2.626

SL	**Pver**	**Tr**	**ag**	**Fo**	**T*c**
		Anni	g		sec
SLO	81.0	30.0	0.040	2.540	0.250
SLD	63.0	35.0	0.044	2.520	0.260
SLV	10.0	332.0	0.131	2.590	0.270
SLC	5.0	682.0	0.177	2.560	0.270

SL	**ag**	**S**	**Fo**	**Fv**	**Tb**	**Tc**	**Td**
	g				sec	sec	sec
SLO	0.040	1.800	2.540	0.687	0.208	0.625	1.760
SLD	0.044	1.800	2.520	0.710	0.212	0.637	1.774
SLV	0.131	1.800	2.590	1.264	0.217	0.650	2.123
SLC	0.177	1.721	2.560	1.454	0.217	0.650	2.308

RISULTATI ANALISI SISMICHE

LEGENDA TABELLA ANALISI SISMICHE

Il programma consente l'analisi di diverse configurazioni sismiche.

Sono previsti, infatti, i seguenti casi di carico:

9. Esk caso di carico sismico con analisi statica equivalente
10. Edk caso di carico sismico con analisi dinamica

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

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

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

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

a) **analisi sismica statica equivalente**:
- quota, posizione del centro di applicazione e azione orizzontale risultante, posizione del baricentro delle rigidezze, rapporto r/Ls (per strutture a nucleo), indici di regolarità e/r secondo EC8 4.2.3.2
- azione sismica complessiva

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

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

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

Per gli edifici sismicamente isolati si riportano di seguito le verifiche condotte sui dispositivi di isolamento. Le verifiche sono effettuate secondo la circolare n.7/2019 del C.S.LL.PP nelle combinazioni in SLC come previsto dal DM 17-01-2018. Per ogni combinazione è riportato il codice di verifica ed i valori utilizzati per la verifica: spostamento dE, area ridotta e dimensione A2, azione verticale, deformazioni di taglio dell'elastomero e tensioni nell'acciaio.
Qualora si applichi l'Ordinanza 3274 e s.m.i. le verifiche sono eseguite in accordo con l'allegato 10.A.
In particolare la tabella, per ogni combinazione di calcolo, riporta:

Nodo	Nodo di appoggio dell' isolatore
Cmb	Combinazione oggetto della verifica
Verif.	Codice di verifica ok – verifica positiva , NV – verifica negativa, ND – verifica non completata
dE	Spostamento relativo tra le due facce (amplificato del 20% per Ordinanza 3274 e smi) combinato con la regola del 30%
Ang fi	Angolo utilizzato per il calcolo dell' area ridotta Ar (per dispositivi circolari)
V	Azione verticale agente
Ar	Area ridotta efficace

Dim A2	Dimensione utile per il calcolo della deformazione per rotazione
Sig s	Tensione nell' inserto in acciaio
Gam c(a,s,t)	Deformazioni di taglio dell' elestomero
Vcr	Carico critico per instabilità

Affinché la verifica sia positiva deve essere:

1) V > 0
2) Sig s < fyk
3) Gam t < 5
4) Gam s < Gam * (caratteristica dell' elastomero)
5) Gam s < 2
6) V < 0.5 Vcr

Con riferimento al **Documento di Affidabilità** "Test di validazione del software di calcolo PRO_SAP e dei moduli aggiuntivi PRO_SAP Modulo Geotecnico, PRO_CAD nodi acciaio e PRO_MST" - versione Maggio 2011, disponibile per il download sul sito **www.2si.it**, si segnalano i seguenti esempi applicativi:

Test N°	Titolo
23	DM 2008: SPETTRO
29	SISMICA 1000/H, SOMMA V, EFFETTO P-δ
30	ANALISI DI UN EDIFICIO CON ISOLATORI SISMICI
70	MASSE SISMICHE
75	PROGETTO DI ISOLATORI ELASTOMERICI
76	VERIFICA DI ISOLATORI ELASTOMERICI
77	VERIFICA DI ISOLATORI FRICTION PENDULUM

CDC	Tipo	Sigla Id	Note
4	Esk	CDC=Es (statico SLU) alfa=0.0 (ecc. 0)	
			categoria suolo: D
			fattore di sito S = 1.800
			ordinata spettro (tratto Tb-Tc) = 0.609 g
			angolo di ingresso:0.0
			eccentricità aggiuntiva: nulla
			periodo proprio T1: 0.278 sec.
			fattore q: 1.000
			fattore per spost. mu d: 1.000
			classe di duttilità CD: ND
			coefficiente Lambda: 1.000
			ordinata spettro Sd(T1): 0.609

Quota	Forza Sismica	Tot. parziale	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	daN	daN	cm	cm	cm	cm	cm	cm			
300.00	1.327e+04	1.327e+04	1.533e+04	499.50	140.17	0.0	0.0	499.50	218.56	0.011	0.0	2.535
250.00	3201.27	1.647e+04	4440.00	499.50	192.88	0.0	0.0	499.50	218.56	0.013	0.0	0.830
200.00	2561.01	1.903e+04	4440.00	499.50	192.88	0.0	0.0	499.50	218.56	0.013	0.0	0.830
150.00	1920.76	2.095e+04	4440.00	499.50	192.88	0.0	0.0	499.50	218.56	0.013	0.0	0.830
100.00	1280.51	2.223e+04	4440.00	499.50	192.88	0.0	0.0	499.50	218.56	0.013	0.0	0.830
50.00	640.25	2.287e+04	4440.00	499.50	192.88	0.0	0.0	499.50	218.56	0.013	0.0	0.830
Risulta	2.287e+04		3.753e+04									

CDC	Tipo	Sigla Id	Note
5	Esk	CDC=Es (statico SLU) alfa=90.00 (ecc. 0)	
			categoria suolo: D
			fattore di sito S = 1.800
			ordinata spettro (tratto Tb-Tc) = 0.609 g
			angolo di ingresso:90.00
			eccentricità aggiuntiva: nulla
			periodo proprio T1: 0.278 sec.

CDC	Tipo	Sigla Id	Note
			fattore q: 1.000
			fattore per spost. mu d: 1.000
			classe di duttilità CD: ND
			coefficiente Lambda: 1.000
			ordinata spettro Sd(T1): 0.609

Quota	Forza Sismica	Tot. parziale	M Sismica x g	Pos. GX	Pos. GY	E agg. X-X	E agg. Y-Y	Pos. KX	Pos. KY	(r/Ls)^2	rapp. ex/rx	rapp. ey/ry
cm	daN	daN	daN	cm	cm	cm	cm	cm	cm			
300.00	1.327e+04	1.327e+04	1.533e+04	499.50	140.17	0.0	0.0	499.50	218.56	0.011	0.0	2.535
250.00	3201.27	1.647e+04	4440.00	499.50	192.88	0.0	0.0	499.50	218.56	0.013	0.0	0.830
200.00	2561.01	1.903e+04	4440.00	499.50	192.88	0.0	0.0	499.50	218.56	0.013	0.0	0.830
150.00	1920.76	2.095e+04	4440.00	499.50	192.88	0.0	0.0	499.50	218.56	0.013	0.0	0.830
100.00	1280.51	2.223e+04	4440.00	499.50	192.88	0.0	0.0	499.50	218.56	0.013	0.0	0.830
50.00	640.25	2.287e+04	4440.00	499.50	192.88	0.0	0.0	499.50	218.56	0.013	0.0	0.830
Risulta	2.287e+04		3.753e+04									

RISULTATI OPERE DI FONDAZIONE

LEGENDA RISULTATI OPERE DI FONDAZIONE

Il controllo dei risultati delle analisi condotte, per quanto concerne le opere di fondazione, è possibile in relazione alle tabelle sotto riportate.

La prima tabella è riferita alle fondazioni tipo palo e plinto su pali.
Per questo tipo di fondazione vengono riportate le sei componenti di sollecitazione (espresse nel riferimento globale della struttura) per ogni palo componente l'opera.
In particolare viene riportato:

Nodo	numero del nodo a cui è applicato il plinto
Tipo	codice corrispondente al nome assegnato al tipo di plinto di fondazione: 3) palo singolo (*PALO*) 4) plinto su palo 5) plinto su due pali (*PL.2P*) 6) plinto su tre pali (*PL.3P*) 7) plinto su quattro pali (*PL.4P*) 8) plinto rettangolare su cinque pali (*PL.5P.R*) 9) plinto pentagonale su cinque pali (*PL.5P*) 10) plinto su sei pali (*PL.6P*)
Palo	numero del palo
Comb.	combinazione di carico in cui si verificano le sei componenti di sollecitazione.
Quota	quota assoluta della sezione del palo per cui si riportano le sei componenti di sollecitazione.

L'azione Fz (corrispondente allo sforzo normale nel palo) è costante poiché il peso del palo stesso non è considerato nella modellazione.

La seconda tabella è riferita alle fondazioni tipo plinto su suolo elastico.
Per questo tipo di fondazione vengono riportate le pressioni nei quattro vertici dell'impronta sul terreno.
In particolare viene riportato:

Nodo		numero del nodo a cui è applicato il plinto
Tipo		Codice identificativo del nome assegnato al plinto
area		area dell'impronta del plinto
Wink O	**Wink V**	coefficienti di Winkler (orizzontale e verticale) adottati
Comb		Combinazione di carico in cui si verificano i valori riportati
Pt (P1 P2 P3 P4)		valori di pressione nei vertici

La terza tabella è riferita alle fondazioni tipo platea su suolo elastico.
Per questo tipo di fondazione vengono riportate le pressioni in ogni vertice (nodo) degli elementi costituenti la platea.

La quarta tabella è riferita alle fondazioni tipo trave su suolo elastico.
Per questo tipo di fondazione vengono riportate le pressioni alle estremità dell'elemento e la massima (in valore assoluto) pressione lungo lo sviluppo dell'elemento.
Vengono inoltre riportati, con funzione statistica, i valori massimo e minimo delle pressioni che compaiono nella tabella.

Con riferimento al **Documento di Affidabilità** "*Test di validazione del software di calcolo PRO_SAP e dei moduli aggiuntivi PRO_SAP Modulo Geotecnico, PRO_CAD nodi acciaio e PRO_MST*" - versione Settembre 2014, disponibile per il download sul sito **www.2si.it**, si segnalano i seguenti esempi applicativi:

Test N°	Titolo
105	PLINTO SUPERFICIALE
106	PLINTO SUPERFICIALE
107	PLINTO SUPERFICIALE
108	PLINTO SUPERFICIALE
109	PLINTO SUPERFICIALE
110	PLINTO SUPERFICIALE
111	PLINTO SUPERFICIALE
112	PLINTO SUPERFICIALE
113	PLINTO SUPERFICIALE
114	PLINTO SUPERFICIALE
115	PLINTO SUPERFICIALE
116	PLINTO SUPERFICIALE
117	PLINTO SUPERFICIALE
118	PLINTO SUPERFICIALE
119	PLINTO SUPERFICIALE
120	PLINTO SUPERFICIALE
121	PLINTO SUPERFICIALE
122	PLINTO SUPERFICIALE
123	PLINTO SUPERFICIALE
124	FONDAZIONE NASTRIFORME
125	CALCOLO DEI K DI WINKLER

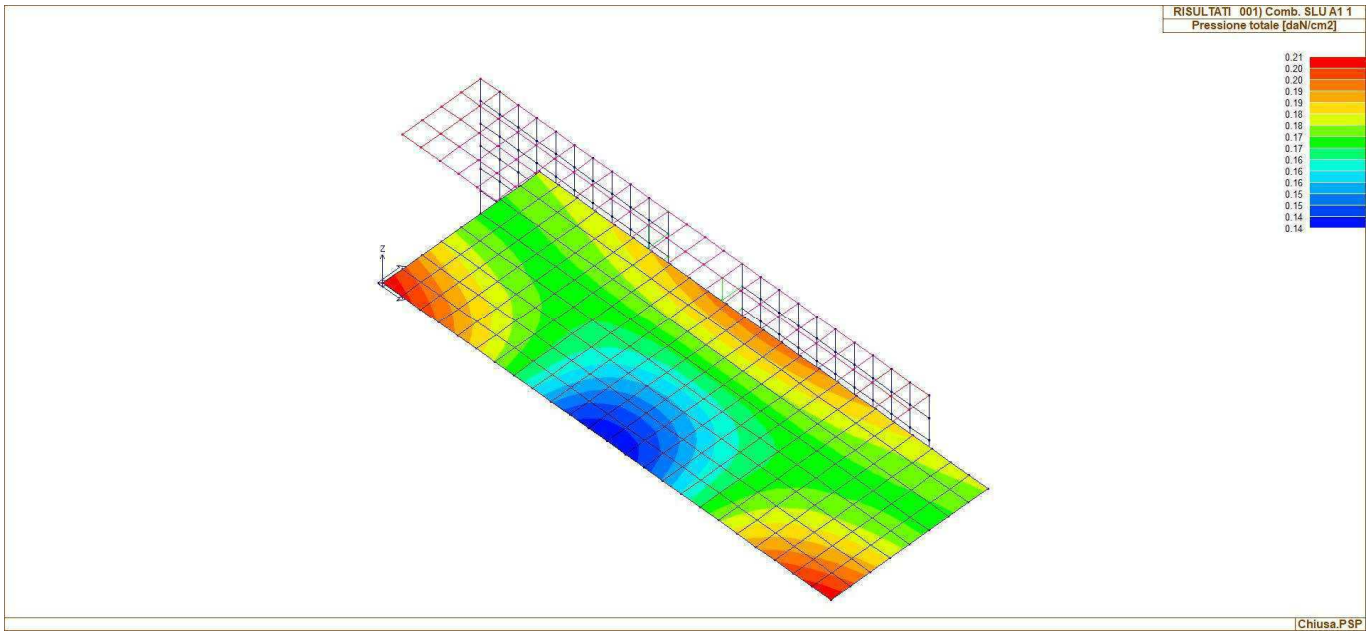
Nodo (G)	**Pt 1/12**	**Pt 2/13**	**Pt 3...**	**Pt 4...**							
	daN/cm2	daN/cm2	daN/cm2	daN/cm2	daN/cm2	daN/cm2	daN/cm2	daN/cm2	daN/cm2	daN/cm2	daN/cm2
1	-0.63	-0.72	-0.33	-0.28							
2	-0.64	-0.73	-0.34	-0.29							
3	-0.56	-0.58	-0.29	-0.25							
4	-0.56	-0.58	-0.29	-0.24							
5	-0.64	-0.73	-0.34	-0.29							
6	-0.56	-0.59	-0.29	-0.25							
7	-0.64	-0.73	-0.34	-0.29							
8	-0.56	-0.58	-0.29	-0.25							
9	-0.63	-0.72	-0.33	-0.28							
10	-0.56	-0.58	-0.29	-0.24							
11	-0.49	-0.43	-0.24	-0.20							
12	-0.48	-0.43	-0.24	-0.20							
13	-0.49	-0.43	-0.24	-0.20							
14	-0.49	-0.43	-0.24	-0.20							
15	-0.48	-0.43	-0.24	-0.20							
16	-0.41	-0.28	-0.20	-0.16							
17	-0.41	-0.28	-0.19	-0.16							
18	-0.41	-0.28	-0.20	-0.16							
19	-0.41	-0.28	-0.20	-0.16							
20	-0.41	-0.28	-0.19	-0.16							
21	-0.33	-0.13	-0.15	-0.12							
22	-0.33	-0.13	-0.15	-0.12							
23	-0.33	-0.13	-0.15	-0.12							
24	-0.33	-0.13	-0.15	-0.12							
25	-0.33	-0.13	-0.15	-0.12							
26	-0.26	-0.20	-0.10	-0.07							
27	-0.25	-0.20	-0.10	-0.07							
28	-0.26	-0.20	-0.10	-0.07							
29	-0.26	-0.20	-0.10	-0.07							
30	-0.25	-0.20	-0.10	-0.07							
31	-0.18	-0.29	-0.05	-0.03							
32	-0.18	-0.29	-0.05	-0.03							
33	-0.18	-0.28	-0.05	-0.03							

34	-0.18	-0.29	-0.05	-0.03
35	-0.18	-0.29	-0.05	-0.03
36	-0.11	-0.37	-6.92e-03	9.81e-03
37	-0.11	-0.37	-7.27e-03	9.45e-03
38	-0.11	-0.37	-6.82e-03	9.91e-03
39	-0.11	-0.37	-6.92e-03	9.81e-03
40	-0.11	-0.37	-7.27e-03	9.45e-03
41	-0.04	-0.45	0.04	0.05
42	-0.04	-0.46	0.04	0.05
43	-0.04	-0.45	0.04	0.05
44	-0.04	-0.45	0.04	0.05
45	-0.04	-0.46	0.04	0.05
46	-0.62	-0.70	-0.32	-0.27
47	-0.55	-0.56	-0.28	-0.23
48	-0.60	-0.68	-0.31	-0.26
49	-0.54	-0.54	-0.27	-0.23
50	-0.59	-0.65	-0.30	-0.25
51	-0.52	-0.52	-0.26	-0.22
52	-0.57	-0.62	-0.29	-0.24
53	-0.51	-0.50	-0.25	-0.21
54	-0.56	-0.60	-0.28	-0.23
55	-0.50	-0.48	-0.24	-0.20
56	-0.55	-0.58	-0.27	-0.22
57	-0.49	-0.47	-0.24	-0.19
58	-0.54	-0.57	-0.26	-0.22
59	-0.49	-0.46	-0.23	-0.19
60	-0.53	-0.56	-0.26	-0.21
61	-0.48	-0.45	-0.23	-0.19
62	-0.53	-0.55	-0.25	-0.21
63	-0.48	-0.45	-0.22	-0.18
64	-0.52	-0.55	-0.25	-0.20
65	-0.47	-0.45	-0.22	-0.18
66	-0.48	-0.42	-0.24	-0.20
67	-0.47	-0.40	-0.23	-0.19
68	-0.46	-0.39	-0.22	-0.18
69	-0.45	-0.38	-0.21	-0.18
70	-0.44	-0.36	-0.21	-0.17
71	-0.44	-0.36	-0.20	-0.17
72	-0.43	-0.35	-0.20	-0.16
73	-0.43	-0.35	-0.20	-0.16
74	-0.43	-0.34	-0.20	-0.16
75	-0.42	-0.34	-0.19	-0.16
76	-0.40	-0.27	-0.19	-0.16
77	-0.40	-0.27	-0.19	-0.15
78	-0.39	-0.26	-0.18	-0.15
79	-0.39	-0.25	-0.18	-0.14
80	-0.38	-0.25	-0.17	-0.14
81	-0.38	-0.24	-0.17	-0.14
82	-0.38	-0.24	-0.17	-0.14
83	-0.37	-0.24	-0.17	-0.13
84	-0.37	-0.25	-0.17	-0.13
85	-0.37	-0.26	-0.17	-0.13
86	-0.33	-0.14	-0.14	-0.11
87	-0.33	-0.14	-0.14	-0.11
88	-0.32	-0.15	-0.14	-0.11
89	-0.32	-0.16	-0.14	-0.11
90	-0.32	-0.17	-0.14	-0.11
91	-0.32	-0.18	-0.14	-0.11
92	-0.32	-0.19	-0.14	-0.11
93	-0.32	-0.20	-0.14	-0.11
94	-0.32	-0.21	-0.13	-0.10
95	-0.32	-0.22	-0.13	-0.10
96	-0.25	-0.21	-0.10	-0.07
97	-0.25	-0.21	-0.10	-0.07
98	-0.25	-0.21	-0.10	-0.07
99	-0.25	-0.22	-0.10	-0.07
100	-0.25	-0.22	-0.10	-0.07
101	-0.26	-0.22	-0.10	-0.07
102	-0.26	-0.22	-0.10	-0.07
103	-0.26	-0.23	-0.10	-0.07
104	-0.26	-0.23	-0.10	-0.07
105	-0.26	-0.23	-0.10	-0.07
106	-0.18	-0.30	-0.05	-0.03
107	-0.18	-0.30	-0.05	-0.03
108	-0.18	-0.30	-0.05	-0.03
109	-0.18	-0.30	-0.06	-0.03
110	-0.19	-0.30	-0.06	-0.04

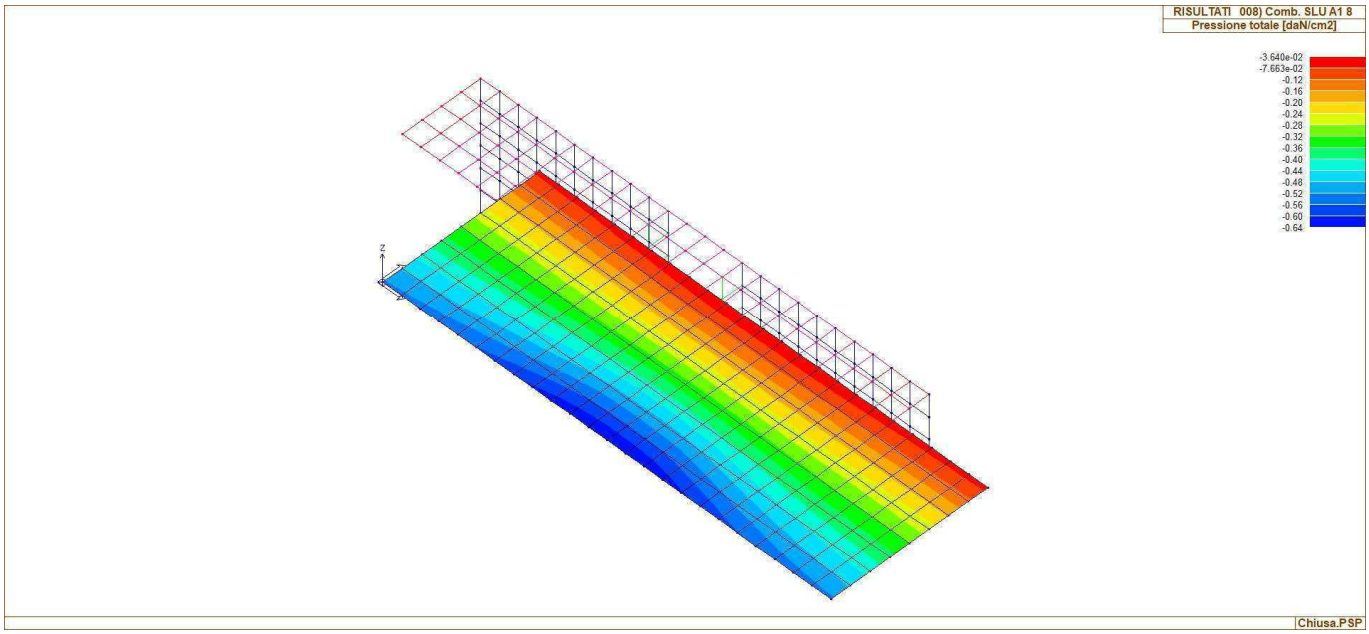
111	-0.19	-0.31	-0.06	-0.04
112	-0.19	-0.31	-0.06	-0.04
113	-0.19	-0.31	-0.06	-0.04
114	-0.19	-0.31	-0.06	-0.04
115	-0.19	-0.32	-0.06	-0.04
116	-0.11	-0.38	-8.03e-03	8.70e-03
117	-0.11	-0.38	-9.24e-03	7.52e-03
118	-0.11	-0.38	-0.01	5.99e-03
119	-0.12	-0.38	-0.01	4.26e-03
120	-0.12	-0.39	-0.01	2.50e-03
121	-0.12	-0.39	-0.02	8.43e-04
122	-0.12	-0.39	-0.02	-6.19e-04
123	-0.12	-0.39	-0.02	-1.85e-03
124	-0.13	-0.39	-0.02	-2.87e-03
125	-0.13	-0.40	-0.02	-3.80e-03
126	-0.04	-0.46	0.04	0.05
127	-0.04	-0.46	0.03	0.05
128	-0.04	-0.46	0.03	0.05
129	-0.05	-0.47	0.03	0.04
130	-0.05	-0.47	0.03	0.04
131	-0.05	-0.47	0.03	0.04
132	-0.06	-0.47	0.02	0.04
133	-0.06	-0.47	0.02	0.03
134	-0.06	-0.47	0.02	0.03
135	-0.06	-0.48	0.02	0.03
136	-0.53	-0.55	-0.25	-0.21
137	-0.48	-0.45	-0.22	-0.18
138	-0.53	-0.56	-0.26	-0.21
139	-0.48	-0.45	-0.23	-0.19
140	-0.54	-0.57	-0.26	-0.22
141	-0.49	-0.46	-0.23	-0.19
142	-0.55	-0.58	-0.27	-0.22
143	-0.49	-0.47	-0.24	-0.19
144	-0.56	-0.60	-0.28	-0.23
145	-0.50	-0.48	-0.24	-0.20
146	-0.57	-0.62	-0.29	-0.24
147	-0.51	-0.50	-0.25	-0.21
148	-0.59	-0.65	-0.30	-0.25
149	-0.52	-0.52	-0.26	-0.22
150	-0.60	-0.68	-0.31	-0.26
151	-0.54	-0.54	-0.27	-0.23
152	-0.62	-0.70	-0.32	-0.27
153	-0.55	-0.56	-0.28	-0.23
154	-0.06	-0.47	0.02	0.04
155	-0.43	-0.34	-0.20	-0.16
156	-0.43	-0.35	-0.20	-0.16
157	-0.43	-0.35	-0.20	-0.16
158	-0.44	-0.36	-0.20	-0.17
159	-0.44	-0.36	-0.21	-0.17
160	-0.45	-0.38	-0.21	-0.18
161	-0.46	-0.39	-0.22	-0.18
162	-0.47	-0.40	-0.23	-0.19
163	-0.48	-0.42	-0.24	-0.20
164	-0.05	-0.47	0.03	0.04
165	-0.37	-0.25	-0.17	-0.13
166	-0.37	-0.24	-0.17	-0.13
167	-0.38	-0.24	-0.17	-0.14
168	-0.38	-0.24	-0.17	-0.14
169	-0.38	-0.25	-0.17	-0.14
170	-0.39	-0.25	-0.18	-0.14
171	-0.39	-0.26	-0.18	-0.15
172	-0.40	-0.27	-0.19	-0.15
173	-0.40	-0.27	-0.19	-0.16
174	-0.05	-0.47	0.03	0.04
175	-0.32	-0.21	-0.13	-0.10
176	-0.32	-0.20	-0.14	-0.11
177	-0.32	-0.19	-0.14	-0.11
178	-0.32	-0.18	-0.14	-0.11
179	-0.32	-0.17	-0.14	-0.11
180	-0.32	-0.16	-0.14	-0.11
181	-0.32	-0.15	-0.14	-0.11
182	-0.33	-0.14	-0.14	-0.11
183	-0.33	-0.14	-0.14	-0.11
184	-0.05	-0.47	0.03	0.04
185	-0.26	-0.23	-0.10	-0.07
186	-0.26	-0.23	-0.10	-0.07
187	-0.26	-0.22	-0.10	-0.07

188	-0.26	-0.22	-0.10	-0.07
189	-0.25	-0.22	-0.10	-0.07
190	-0.25	-0.22	-0.10	-0.07
191	-0.25	-0.21	-0.10	-0.07
192	-0.25	-0.21	-0.10	-0.07
193	-0.25	-0.21	-0.10	-0.07
194	-0.04	-0.46	0.03	0.05
195	-0.19	-0.31	-0.06	-0.04
196	-0.19	-0.31	-0.06	-0.04
197	-0.19	-0.31	-0.06	-0.04
198	-0.19	-0.31	-0.06	-0.04
199	-0.19	-0.30	-0.06	-0.04
200	-0.18	-0.30	-0.06	-0.03
201	-0.18	-0.30	-0.05	-0.03
202	-0.18	-0.30	-0.05	-0.03
203	-0.18	-0.30	-0.05	-0.03
204	-0.04	-0.46	0.03	0.05
205	-0.13	-0.39	-0.02	-2.87e-03
206	-0.12	-0.39	-0.02	-1.85e-03
207	-0.12	-0.39	-0.02	-6.19e-04
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209	-0.12	-0.39	-0.01	2.50e-03
210	-0.12	-0.38	-0.01	4.26e-03
211	-0.11	-0.38	-0.01	5.99e-03
212	-0.11	-0.38	-9.24e-03	7.52e-03
213	-0.11	-0.38	-8.03e-03	8.70e-03
214	-0.04	-0.46	0.04	0.05
215	-0.06	-0.47	0.02	0.03
216	-0.06	-0.47	0.02	0.03
217	-0.52	-0.55	-0.25	-0.20
218	-0.47	-0.45	-0.22	-0.18
219	-0.42	-0.34	-0.19	-0.16
220	-0.37	-0.26	-0.17	-0.13
221	-0.32	-0.22	-0.13	-0.10
222	-0.26	-0.23	-0.10	-0.07
223	-0.19	-0.32	-0.06	-0.04
224	-0.13	-0.40	-0.02	-3.80e-03
225	-0.06	-0.48	0.02	0.03

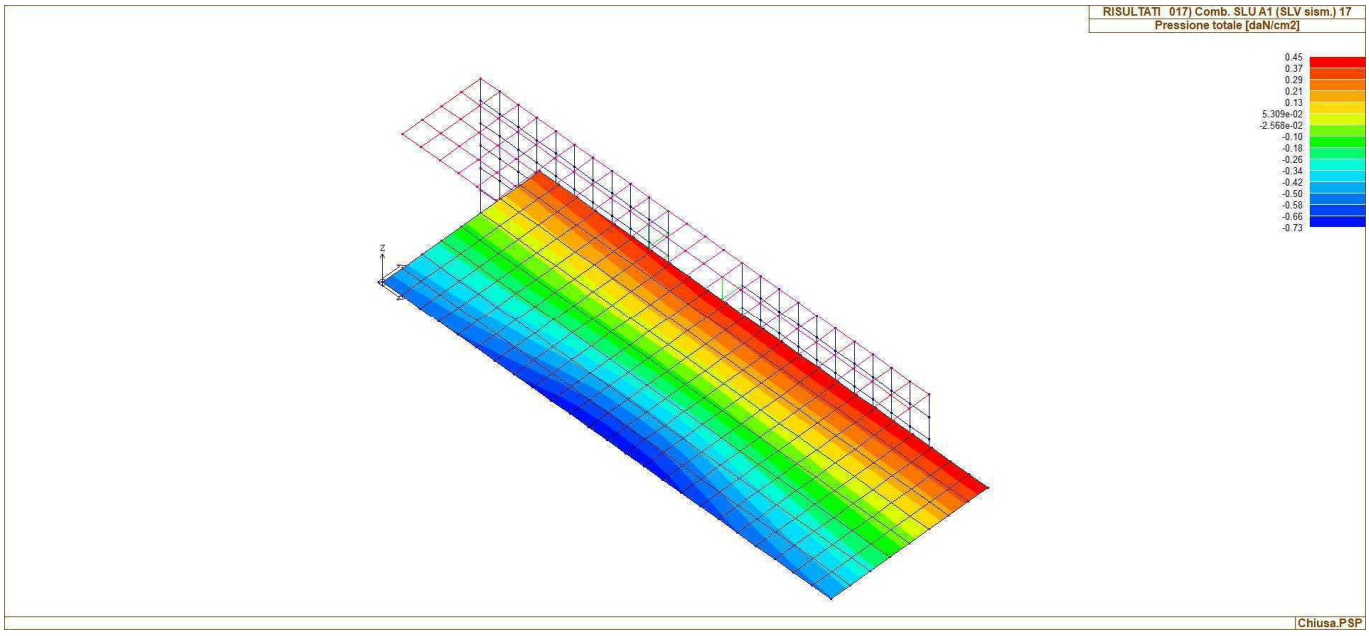
Nodo (G)	Pt 1/12	Pt 2/13	Pt 3...	Pt 4...
	-0.73			
	0.05			



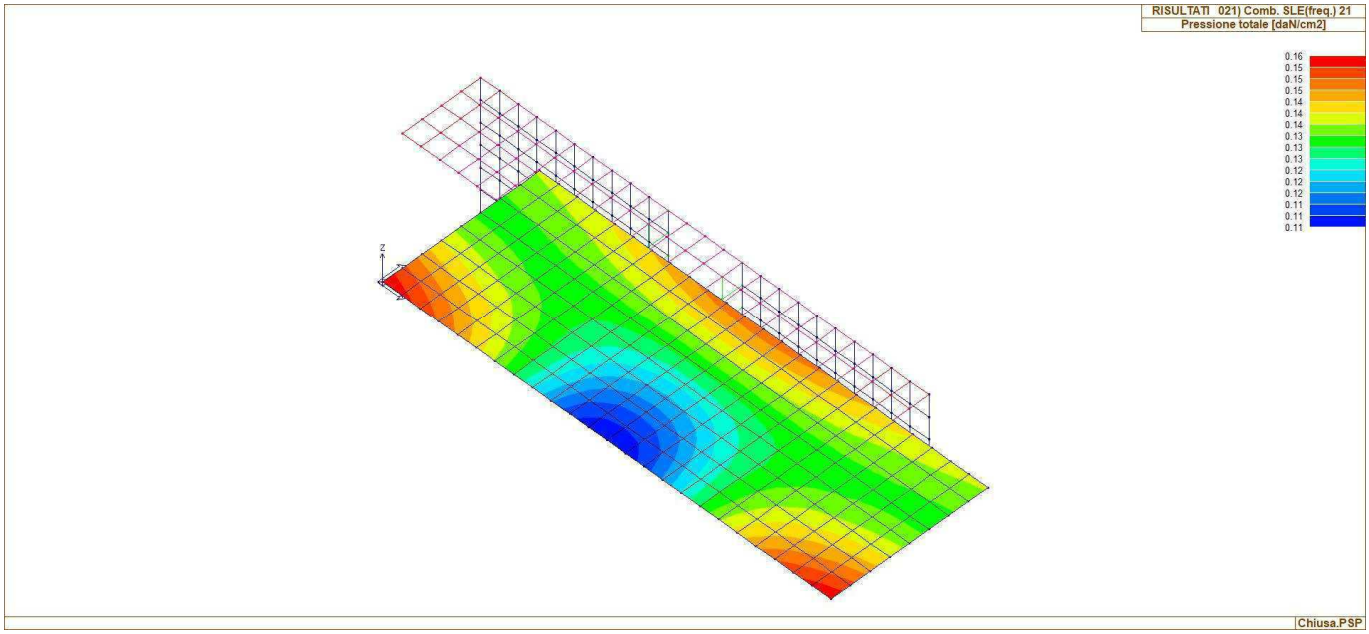
46_RIS_PRESSIONI_001_Comb. SLU A1 1



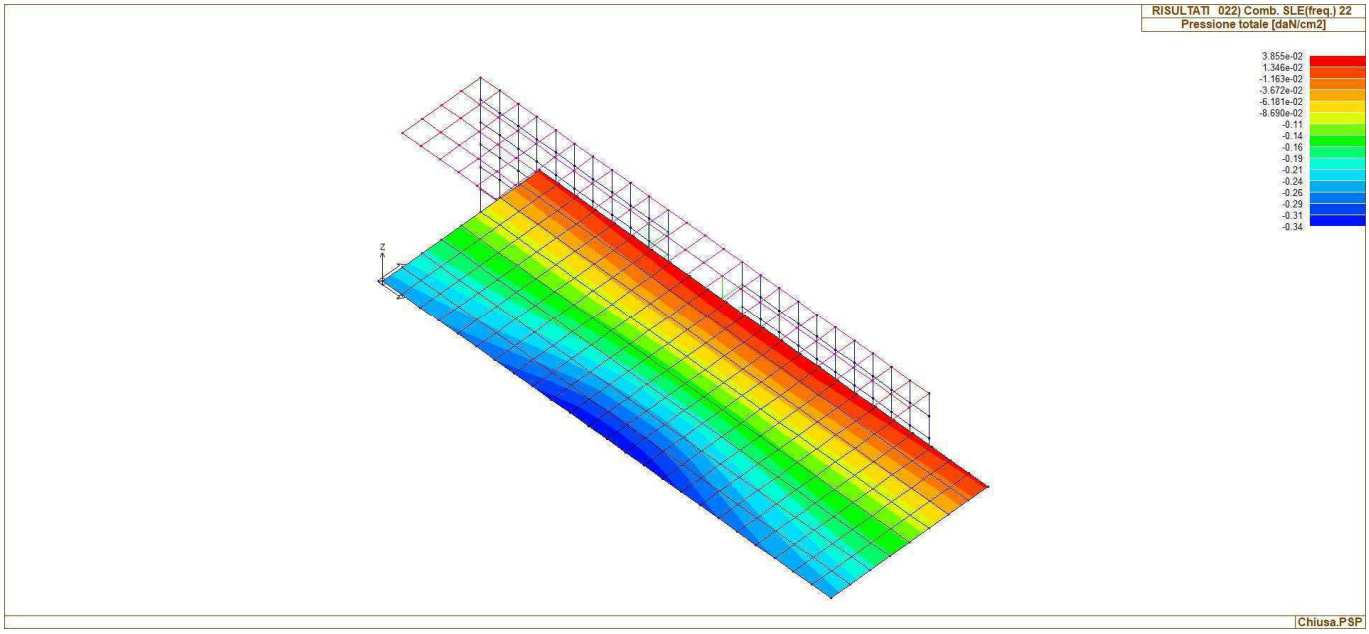
46_RIS_PRESSIONI_008_Comb. SLU A1 8



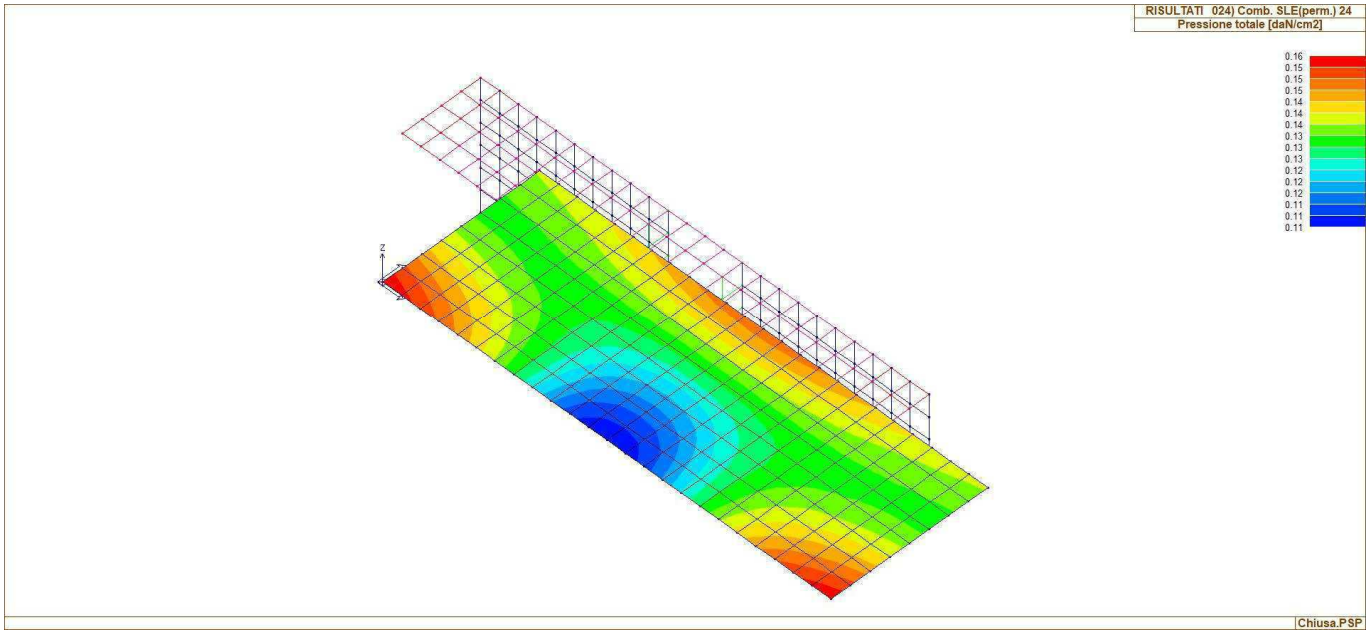
46_RIS_PRESSIONI_017_Comb. SLU A1 (SLV sism.) 17



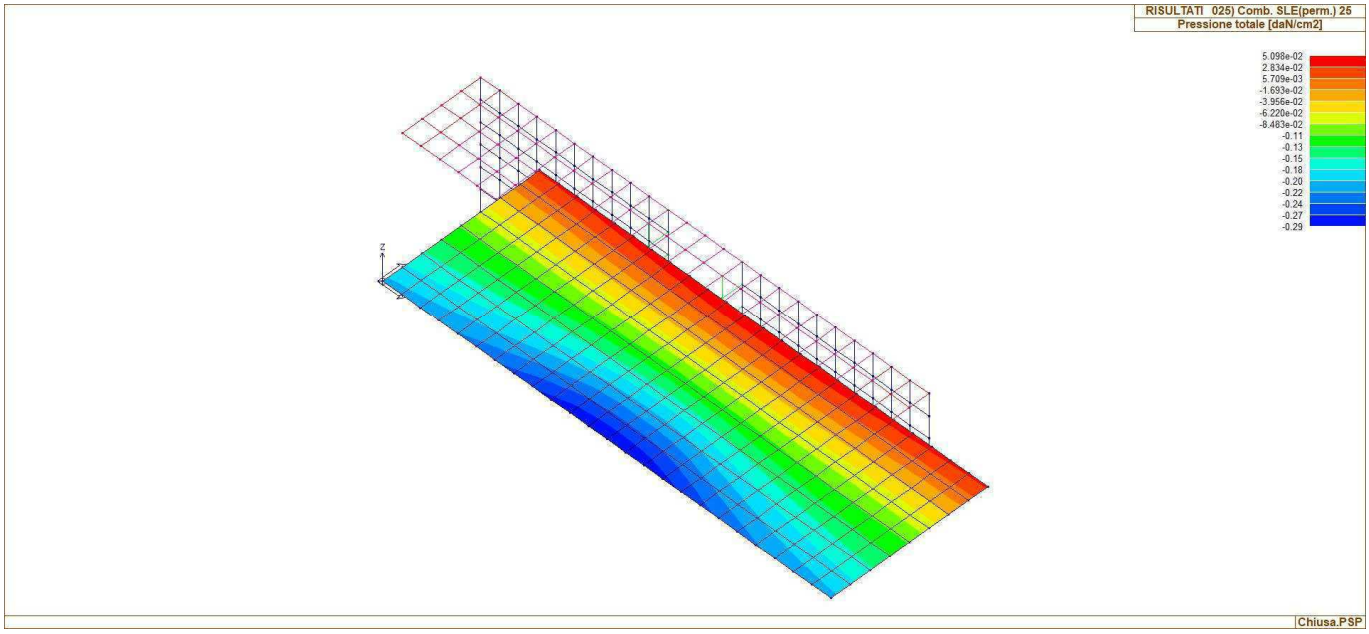
46_RIS_PRESSIONI_021_Comb. SLE(freq.) 21



46_RIS_PRESSIONI_022_Comb. SLE(freq.) 22



46_RIS_PRESSIONI_024_Comb. SLE(perm.) 24

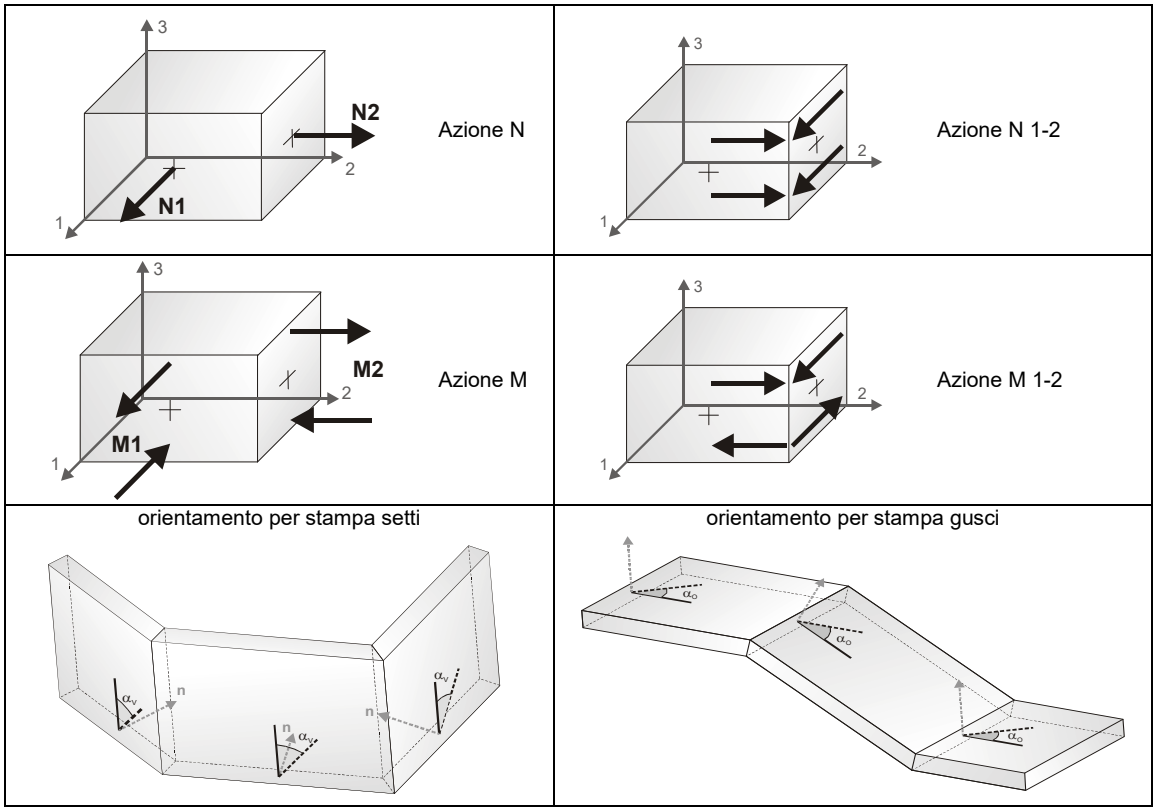


46_RIS_PRESSIONI_025_Comb. SLE(perm.) 25

RISULTATI ELEMENTI TIPO SHELL

LEGENDA RISULTATI ELEMENTI TIPO SHELL

Il controllo dei risultati delle analisi condotte, per quanto concerne gli elementi tipo shell, è possibile in relazione alle tabelle sottoriportate.
Per ogni elemento, e per ogni combinazione(o caso di carico) vengono riportati i risultati più significativi.



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

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

I suddetti risultati possono a scelta del progettista essere preceduti o sostituiti da valori di sollecitazione non più riferiti al sistema locale dell'elemento ma al sistema globale.
In questo caso gli elementi vengono raggruppati in gruppi (M_S: macro gusci o macro setti, raggruppati per materiale, spessore, e posizione fisica) per la valutazione dei valori mediati ai nodi appartenenti agli elementi dei gruppi stessi.
I valori di sollecitazione sono, in questo caso, riferiti ad una terna specifica del gruppo ruotata di α_O attorno all'asse Z per i gusci e ruotata di α_V attorno alla normale (che per definizione è orizzontale) al piano del setto.
Per i setti, in particolare, se α_V è zero, l'asse '1-1 rappresenta la verticale e l'asse '2-2 l'orizzontale contenuta nel setto.

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

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

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

Elem.	Cmb	Nodo	Von Mises	N max	N min	N 1	N 2	N 1-2	M max	M min	M 1	M 2	M 1-2

			daN/cm2	daN/cm	daN/cm	daN/cm	daN/cm	daN/cm	daN	daN	daN	daN	daN
1	6	1	15.65	5.54	-27.14	-2.12	-19.48	13.84	-723.62	-3411.98	-3025.41	-1110.19	-943.29
		2	15.50	18.32	-10.04	1.08	7.21	13.84	-354.33	-3261.53	-2969.72	-646.14	-873.60
		3	14.00	10.50	-27.46	-21.46	4.50	13.84	-442.96	-2984.76	-2801.74	-625.98	-657.04
		4	13.93	-9.53	-37.32	-24.66	-22.18	13.84	-829.59	-3117.87	-2857.43	-1090.03	-726.73
1	19	1	25.72	45.49	-34.63	39.66	-28.80	20.81	-1231.27	-5427.56	-4940.41	-1718.41	-1344.20
		2	25.80	54.63	1.65	44.52	11.75	20.81	-621.26	-5245.65	-4855.57	-1011.34	-1285.20
		3	22.80	22.07	-20.86	-4.64	5.85	20.81	-763.28	-4944.35	-4713.35	-994.28	-955.24
		4	22.71	2.22	-46.43	-9.51	-34.70	20.81	-1398.74	-5100.80	-4798.20	-1701.34	-1014.24
1	22	1	10.36	1.59	-19.06	-5.21	-12.25	9.70	-502.70	-2282.61	-2047.07	-738.24	-603.13
		2	10.39	11.74	-9.44	-3.09	5.40	9.70	-236.36	-2203.07	-2010.01	-429.43	-585.17
		3	9.96	6.57	-24.76	-21.40	3.20	9.70	-307.02	-2083.94	-1966.73	-424.23	-441.06
		4	9.78	-8.27	-29.69	-23.51	-14.45	9.70	-584.59	-2152.25	-2003.78	-733.05	-459.01
1	25	1	9.78	0.82	-18.51	-6.46	-11.23	9.37	-484.24	-2165.34	-1951.91	-697.67	-559.68
		2	9.86	11.04	-10.13	-4.47	5.38	9.37	-223.82	-2098.92	-1916.89	-405.85	-555.15
		3	9.71	6.11	-26.26	-23.28	3.12	9.37	-295.54	-2014.96	-1905.96	-404.53	-418.96
		4	9.49	-8.31	-30.44	-25.27	-13.48	9.37	-565.93	-2071.41	-1940.98	-696.36	-423.50
2	6	2	10.54	4.80	-26.05	-25.29	4.04	4.77	-416.46	-2205.55	-2082.36	-539.65	-453.02
		5	10.08	1.14	-26.59	-25.74	0.29	4.77	-408.58	-2091.36	-2069.28	-430.67	-191.51
		6	7.00	1.93	-21.53	-20.51	0.91	4.77	-337.07	-1456.86	-1438.91	-355.02	-140.65
		3	7.57	5.56	-20.95	-20.06	4.67	4.77	-321.00	-1594.99	-1451.99	-464.01	-402.16
2	19	2	16.12	13.96	-2.70	4.33	6.93	8.23	-681.72	-3536.27	-3383.31	-834.67	-642.83
		5	15.37	10.59	-6.08	3.61	0.90	8.23	-664.45	-3386.20	-3365.39	-685.27	-237.13
		6	10.69	7.56	-9.01	-1.71	0.26	8.23	-552.65	-2402.74	-2387.46	-567.92	-167.41
		3	11.67	11.65	-6.34	-0.99	6.29	8.23	-541.14	-2581.58	-2405.39	-717.32	-573.11
2	22	2	7.59	3.61	-22.12	-21.68	3.17	3.34	-288.46	-1561.78	-1483.93	-366.30	-305.06
		5	7.31	1.18	-22.46	-21.98	0.70	3.34	-279.83	-1488.78	-1475.19	-293.42	-127.46
		6	5.26	1.43	-20.71	-20.20	0.92	3.34	-231.34	-1057.80	-1047.10	-242.05	-93.45
		3	5.59	3.85	-20.37	-19.90	3.38	3.34	-226.36	-1144.41	-1055.84	-314.93	-271.05
2	25	2	7.43	3.61	-22.86	-22.46	3.22	3.21	-277.63	-1519.80	-1447.87	-349.56	-290.14
		5	7.18	1.33	-23.17	-22.74	0.90	3.21	-268.13	-1451.99	-1439.58	-280.54	-120.58
		6	5.24	1.45	-22.31	-21.87	1.00	3.21	-221.84	-1040.51	-1030.86	-231.50	-88.37
		3	5.54	3.73	-22.00	-21.59	3.32	3.21	-219.36	-1120.30	-1039.14	-300.52	-257.93
3	6	5	10.08	1.14	-26.59	-25.74	0.29	-4.77	-408.58	-2091.36	-2069.28	-430.67	191.51
		7	10.54	4.80	-26.05	-25.29	4.04	-4.77	-416.46	-2205.55	-2082.36	-539.65	453.02
		8	7.57	5.56	-20.95	-20.06	4.67	-4.77	-321.00	-1594.99	-1451.99	-464.01	402.16
		6	7.00	1.93	-21.53	-20.51	0.91	-4.77	-337.07	-1456.86	-1438.91	-355.02	140.65
3	17	5	15.37	10.59	-6.08	3.61	0.90	-8.23	-664.45	-3386.20	-3365.39	-685.27	237.13
		7	16.12	13.96	-2.70	4.33	6.93	-8.23	-681.72	-3536.27	-3383.31	-834.67	642.83
		8	11.67	11.65	-6.34	-0.99	6.29	-8.23	-541.14	-2581.58	-2405.39	-717.32	573.11
		6	10.69	7.56	-9.01	-1.71	0.26	-8.23	-552.65	-2402.74	-2387.46	-567.92	167.41
3	22	5	7.31	1.18	-22.46	-21.98	0.70	-3.34	-279.83	-1488.78	-1475.19	-293.42	127.46
		7	7.59	3.61	-22.12	-21.68	3.17	-3.34	-288.46	-1561.78	-1483.93	-366.30	305.06
		8	5.59	3.85	-20.37	-19.90	3.38	-3.34	-226.36	-1144.41	-1055.84	-314.93	271.05
		6	5.26	1.43	-20.71	-20.20	0.92	-3.34	-231.34	-1057.80	-1047.10	-242.05	93.45
3	25	5	7.18	1.33	-23.17	-22.74	0.90	-3.21	-268.13	-1451.99	-1439.58	-280.54	120.58
		7	7.43	3.61	-22.86	-22.46	3.22	-3.21	-277.63	-1519.80	-1447.87	-349.56	290.14
		8	5.54	3.73	-22.00	-21.59	3.32	-3.21	-219.36	-1120.30	-1039.14	-300.52	257.93
		6	5.24	1.45	-22.31	-21.87	1.00	-3.21	-221.84	-1040.51	-1030.86	-231.50	88.37
4	6	7	15.50	18.32	-10.04	1.08	7.21	-13.84	-354.33	-3261.53	-2969.72	-646.14	873.60
		9	15.65	5.54	-27.14	-2.12	-19.48	-13.84	-723.62	-3411.98	-3025.41	-1110.19	943.29
		10	13.93	-9.53	-37.32	-24.66	-22.18	-13.84	-829.59	-3117.87	-2857.43	-1090.03	726.73
		8	14.00	10.50	-27.46	-21.46	4.50	-13.84	-442.96	-2984.76	-2801.74	-625.98	657.04
4	17	7	25.80	54.63	1.65	44.52	11.75	-20.81	-621.26	-5245.65	-4855.57	-1011.34	1285.20
		9	25.72	45.49	-34.63	39.66	-28.80	-20.81	-1231.27	-5427.56	-4940.41	-1718.41	1344.20
		10	22.71	2.22	-46.43	-9.51	-34.70	-20.81	-1398.74	-5100.80	-4798.20	-1701.34	1014.24
		8	22.80	22.07	-20.86	-4.64	5.85	-20.81	-763.28	-4944.35	-4713.35	-994.28	955.24
4	22	7	10.39	11.74	-9.44	-3.09	5.40	-9.70	-236.36	-2203.07	-2010.01	-429.43	585.17
		9	10.36	1.59	-19.06	-5.21	-12.25	-9.70	-502.70	-2282.61	-2047.07	-738.24	603.13
		10	9.78	-8.27	-29.69	-23.51	-14.45	-9.70	-584.59	-2152.25	-2003.78	-733.05	459.01
		8	9.96	6.57	-24.76	-21.40	3.20	-9.70	-307.02	-2083.94	-1966.73	-424.23	441.06
4	25	7	9.86	11.04	-10.13	-4.47	5.38	-9.37	-223.82	-2098.92	-1916.89	-405.85	555.15
		9	9.78	0.82	-18.51	-6.46	-11.23	-9.37	-484.24	-2165.34	-1951.91	-697.67	559.68
		10	9.49	-8.31	-30.44	-25.27	-13.48	-9.37	-565.93	-2071.41	-1940.98	-696.36	423.50
		8	9.71	6.11	-26.26	-23.28	3.12	-9.37	-295.54	-2014.96	-1905.96	-404.53	418.96
5	6	4	14.49	16.78	-28.69	-20.92	9.01	17.12	-1223.13	-3360.24	-2925.56	-1657.80	-860.24
		3	13.41	13.44	-29.81	-21.40	5.03	17.12	-1087.03	-3060.39	-2878.85	-1268.57	-570.34
		11	10.11	13.02	-31.04	-22.88	4.86	17.12	-1050.91	-2313.88	-2180.07	-1184.72	-388.70
		12	11.43	16.39	-29.95	-22.40	8.83	17.12	-1147.35	-2653.39	-2226.78	-1573.95	-678.60
5	19	4	23.75	31.47	-20.69	-3.62	14.40	24.48	-2067.21	-5429.18	-4905.00	-2591.39	-1219.64
		3	21.99	26.09	-24.11	-4.56	6.54	24.48	-1773.13	-5044.05	-4832.23	-1984.95	-804.97
		11	16.99	21.05	-32.48	-16.54	5.11	24.48	-1735.12	-3962.59	-3832.70	-1865.01	-521.97
		12	18.85	27.02	-29.66	-15.60	12.96	24.48	-2008.89	-4368.03	-3905.47	-2471.45	-936.63
5	22	4	10.14	10.46	-25.03	-21.01	6.44	11.25	-847.37	-2315.91	-2049.48	-1113.80	-565.94
		3	9.55	8.67	-25.47	-21.25	4.44	11.25	-749.00	-2135.09	-2019.56	-864.53	-383.12
		11	7.48	8.20	-27.34	-23.33	4.19	11.25	-728.00	-1662.55	-1578.90	-811.65	-266.79
		12	8.12	10.01	-26.91	-23.09	6.19	11.25	-808.38	-1861.36	-1608.81	-1060.92	-449.61

5	25	4	9.84	9.74	-26.27	-22.89	6.35	10.51	-815.20	-2227.09	-1984.37	-1057.92	-532.71
		3	9.31	8.22	-26.61	-23.09	4.70	10.51	-719.40	-2063.81	-1956.61	-826.60	-364.19
		11	7.41	7.72	-28.88	-25.56	4.40	10.51	-700.59	-1627.66	-1550.40	-777.86	-256.24
		12	7.96	9.25	-28.55	-25.36	6.06	10.51	-782.43	-1804.90	-1578.16	-1009.17	-424.76
6	6	3	7.50	6.14	-20.94	-20.00	5.20	4.96	-938.19	-1697.51	-1529.10	-1106.60	-315.47
		6	6.96	5.69	-21.01	-20.05	4.73	4.96	-888.47	-1538.76	-1506.76	-920.47	-140.65
		13	5.25	5.63	-21.41	-20.47	4.68	4.96	-857.22	-1098.06	-1085.37	-869.90	-53.79
		11	5.83	6.08	-21.34	-20.41	5.15	4.96	-851.81	-1311.93	-1107.71	-1056.03	-228.60
6	19	3	11.67	13.15	-7.07	-0.90	6.98	9.31	-1528.45	-2703.82	-2524.27	-1708.00	-422.84
		6	10.74	12.45	-7.45	-1.02	6.02	9.31	-1398.06	-2512.01	-2489.75	-1420.33	-155.90
		13	8.30	9.03	-15.58	-11.33	4.78	9.31	-1342.18	-1847.22	-1846.29	-1343.11	-21.65
		11	9.03	9.86	-15.33	-11.21	5.75	9.31	-1441.29	-2070.31	-1880.81	-1630.78	-288.60
6	22	3	5.48	5.06	-20.19	-19.75	4.62	3.29	-655.10	-1208.81	-1108.68	-755.22	-213.11
		6	5.17	4.65	-20.25	-19.80	4.20	3.29	-617.43	-1112.65	-1094.34	-635.74	-93.45
		13	3.98	4.48	-21.47	-21.05	4.05	3.29	-594.41	-812.62	-805.91	-601.13	-37.69
		11	4.31	4.89	-21.41	-21.00	4.47	3.29	-605.38	-935.48	-820.25	-720.61	-157.35
6	25	3	5.40	5.26	-21.76	-21.40	4.90	3.09	-632.36	-1180.02	-1089.79	-722.58	-203.16
		6	5.13	4.81	-21.82	-21.45	4.44	3.09	-595.33	-1092.70	-1076.47	-611.56	-88.37
		13	3.99	4.59	-23.43	-23.09	4.25	3.09	-572.48	-805.66	-799.78	-578.36	-36.56
		11	4.28	5.04	-23.37	-23.03	4.70	3.09	-587.75	-914.74	-813.10	-689.38	-151.34
7	6	6	6.96	5.69	-21.01	-20.05	4.73	-4.96	-888.47	-1538.76	-1506.76	-920.47	140.65
		8	7.50	6.14	-20.94	-20.00	5.20	-4.96	-938.19	-1697.51	-1529.10	-1106.60	315.47
		14	5.83	6.08	-21.34	-20.41	5.15	-4.96	-851.81	-1311.93	-1107.71	-1056.03	228.60
		13	5.25	5.63	-21.41	-20.47	4.68	-4.96	-857.22	-1098.06	-1085.37	-869.90	53.79
7	17	6	10.74	12.45	-7.45	-1.02	6.02	-9.31	-1398.06	-2512.01	-2489.75	-1420.33	155.90
		8	11.67	13.15	-7.07	-0.90	6.98	-9.31	-1528.45	-2703.82	-2524.27	-1708.00	422.84
		14	9.03	9.86	-15.33	-11.21	5.75	-9.31	-1441.29	-2070.31	-1880.81	-1630.78	288.60
		13	8.30	9.03	-15.58	-11.33	4.78	-9.31	-1342.18	-1847.22	-1846.29	-1343.11	21.65
7	22	6	5.17	4.65	-20.25	-19.80	4.20	-3.29	-617.43	-1112.65	-1094.34	-635.74	93.45
		8	5.48	5.06	-20.19	-19.75	4.62	-3.29	-655.10	-1208.81	-1108.68	-755.22	213.11
		14	4.31	4.89	-21.41	-21.00	4.47	-3.29	-605.38	-935.48	-820.25	-720.61	157.35
		13	3.98	4.48	-21.47	-21.05	4.05	-3.29	-594.41	-812.62	-805.91	-601.13	37.69
7	25	6	5.13	4.81	-21.82	-21.45	4.44	-3.09	-595.33	-1092.70	-1076.47	-611.56	88.37
		8	5.40	5.26	-21.76	-21.40	4.90	-3.09	-632.36	-1180.02	-1089.79	-722.58	203.16
		14	4.28	5.04	-23.37	-23.03	4.70	-3.09	-587.75	-914.74	-813.10	-689.38	151.34
		13	3.99	4.59	-23.43	-23.09	4.25	-3.09	-572.48	-805.66	-799.78	-578.36	36.56
8	6	8	13.41	13.44	-29.81	-21.40	5.03	-17.12	-1087.03	-3060.39	-2878.85	-1268.57	570.34
		10	14.49	16.78	-28.69	-20.92	9.01	-17.12	-1223.13	-3360.24	-2925.56	-1657.80	860.24
		15	11.43	16.39	-29.95	-22.40	8.83	-17.12	-1147.35	-2653.39	-2226.78	-1573.95	678.60
		14	10.11	13.02	-31.04	-22.88	4.86	-17.12	-1050.91	-2313.88	-2180.07	-1184.72	388.70
8	17	8	21.99	26.09	-24.11	-4.56	6.54	-24.48	-1773.13	-5044.05	-4832.23	-1984.95	804.97
		10	23.75	31.47	-20.69	-3.62	14.40	-24.48	-2067.21	-5429.18	-4905.00	-2591.39	1219.64
		15	18.85	27.02	-29.66	-15.60	12.96	-24.48	-2008.89	-4368.03	-3905.47	-2471.45	936.63
		14	16.99	21.05	-32.48	-16.54	5.11	-24.48	-1735.12	-3962.59	-3832.70	-1865.01	521.97
8	22	8	9.55	8.67	-25.47	-21.25	4.44	-11.25	-749.00	-2135.09	-2019.56	-864.53	383.12
		10	10.14	10.46	-25.03	-21.01	6.44	-11.25	-847.37	-2315.91	-2049.48	-1113.80	565.94
		15	8.12	10.01	-26.91	-23.09	6.19	-11.25	-808.38	-1861.36	-1608.81	-1060.92	449.61
		14	7.48	8.20	-27.34	-23.33	4.19	-11.25	-728.00	-1662.55	-1578.90	-811.65	266.79
8	25	8	9.31	8.22	-26.61	-23.09	4.70	-10.51	-719.40	-2063.81	-1956.61	-826.60	364.19
		10	9.84	9.74	-26.27	-22.89	6.35	-10.51	-815.20	-2227.09	-1984.37	-1057.92	532.71
		15	7.96	9.25	-28.55	-25.36	6.06	-10.51	-782.43	-1804.90	-1578.16	-1009.17	424.76
		14	7.41	7.72	-28.88	-25.56	4.40	-10.51	-700.59	-1627.66	-1550.40	-777.86	256.24
9	6	12	10.99	23.04	-25.19	-21.18	19.03	13.33	-494.04	-2390.95	-2128.67	-756.33	-654.78
		11	9.95	13.11	-27.48	-22.49	8.12	13.33	-798.39	-2208.21	-2141.70	-864.91	-298.92
		16	6.45	12.92	-28.21	-23.31	8.02	13.33	-586.69	-1459.19	-1283.90	-761.97	-349.59
		17	8.28	22.88	-25.96	-22.00	18.93	13.33	-192.08	-1732.18	-1270.87	-653.39	-705.45
9	15	12	17.36	18.38	-42.22	-35.55	11.71	18.97	-814.67	-3683.43	-3640.78	-857.33	-347.19
		11	17.12	13.88	-43.34	-36.15	6.69	18.97	-1002.12	-3658.32	-3658.17	-1002.27	19.44
		16	12.99	14.45	-41.17	-33.70	6.98	18.97	-894.98	-2775.65	-2774.42	-896.22	-48.20
		17	13.36	18.92	-40.01	-33.09	12.00	18.97	-668.87	-2839.44	-2757.03	-751.28	-414.83
9	22	12	8.16	14.79	-23.88	-22.25	13.17	7.76	-347.55	-1722.65	-1544.57	-525.63	-461.70
		11	7.42	8.25	-25.00	-23.07	6.33	7.76	-570.11	-1599.68	-1555.24	-614.54	-209.22
		16	4.89	8.38	-24.28	-22.32	6.42	7.76	-421.76	-1066.41	-946.66	-541.51	-250.71
		17	6.00	14.91	-23.15	-21.50	13.26	7.76	-136.07	-1252.52	-935.99	-452.60	-503.19
9	25	12	8.09	13.91	-25.75	-24.56	12.72	6.77	-336.84	-1688.26	-1517.92	-507.18	-448.54
		11	7.37	7.78	-26.71	-25.32	6.39	6.77	-556.34	-1571.16	-1528.89	-598.61	-202.76
		16	4.90	7.97	-25.49	-24.06	6.54	6.77	-412.54	-1051.41	-936.44	-527.51	-245.42
		17	5.97	14.10	-24.53	-23.30	12.87	6.77	-132.00	-1229.56	-925.47	-436.08	-491.21
10	5	11	5.62	9.73	-50.84	-50.84	9.72	-0.50	-510.63	-1019.39	-994.36	-535.66	-110.03
		13	5.54	9.39	-50.88	-50.88	9.39	-0.50	-572.28	-1002.31	-999.14	-575.45	-36.79
		18	4.69	9.84	-47.14	-47.14	9.84	-0.50	-543.29	-833.56	-822.58	-554.27	-55.36
		16	4.79	10.18	-47.10	-47.10	10.17	-0.50	-467.29	-864.99	-817.81	-514.47	-128.60
10	19	11	7.97	12.62	-14.29	-10.81	9.14	9.03	-1010.32	-1830.15	-1808.91	-1031.57	-130.26
		13	7.90	12.43	-14.34	-10.83	8.93	9.03	-931.27	-1797.29	-1796.91	-931.64	-18.07
		18	7.01	10.46	-22.87	-20.21	7.80	9.03	-897.89	-1527.78	-1526.48	-899.19	28.56
		16	7.06	10.66	-22.83	-20.18	8.01	9.03	-986.45	-1551.14	-1538.47	-999.12	-83.63
10	21	11	4.27	7.39	-39.23	-39.23	7.39	-0.38	-384.61	-770.16	-751.61	-403.16	-82.51

		13	4.21	7.17	-39.26	-39.26	7.17	-0.38	-431.74	-757.66	-755.32	-434.08	-27.49
		18	3.56	7.53	-36.26	-36.26	7.53	-0.38	-409.91	-630.96	-622.71	-418.16	-41.92
		16	3.64	7.75	-36.24	-36.23	7.75	-0.38	-352.05	-654.19	-619.00	-387.25	-96.93
10	24	11	4.27	7.39	-39.23	-39.23	7.39	-0.38	-384.61	-770.16	-751.61	-403.16	-82.51
		13	4.21	7.17	-39.26	-39.26	7.17	-0.38	-431.74	-757.66	-755.32	-434.08	-27.49
		18	3.56	7.53	-36.26	-36.26	7.53	-0.38	-409.91	-630.96	-622.71	-418.16	-41.92
		16	3.64	7.75	-36.24	-36.23	7.75	-0.38	-352.05	-654.19	-619.00	-387.25	-96.93
11	5	13	5.54	9.39	-50.88	-50.88	9.39	0.50	-572.28	-1002.31	-999.14	-575.45	36.79
		14	5.62	9.73	-50.84	-50.84	9.72	0.50	-510.63	-1019.39	-994.36	-535.66	110.03
		19	4.79	10.18	-47.10	-47.10	10.17	0.50	-467.29	-864.99	-817.81	-514.47	128.60
		18	4.69	9.84	-47.14	-47.14	9.84	0.50	-543.29	-833.56	-822.58	-554.27	55.36
11	17	13	7.90	12.43	-14.34	-10.83	8.93	-9.03	-931.27	-1797.29	-1796.91	-931.64	18.07
		14	7.97	12.62	-14.29	-10.81	9.14	-9.03	-1010.32	-1830.15	-1808.91	-1031.57	130.26
		19	7.06	10.66	-22.83	-20.18	8.01	-9.03	-986.45	-1551.14	-1538.47	-999.12	83.63
		18	7.01	10.46	-22.87	-20.21	7.80	-9.03	-897.89	-1527.78	-1526.48	-899.19	-28.56
11	21	13	4.21	7.17	-39.26	-39.26	7.17	0.38	-431.74	-757.66	-755.32	-434.08	27.49
		14	4.27	7.39	-39.23	-39.23	7.39	0.38	-384.61	-770.16	-751.61	-403.16	82.51
		19	3.64	7.75	-36.24	-36.23	7.75	0.38	-352.05	-654.19	-619.00	-387.25	96.93
		18	3.56	7.53	-36.26	-36.26	7.53	0.38	-409.91	-630.96	-622.71	-418.16	41.92
11	24	13	4.21	7.17	-39.26	-39.26	7.17	0.38	-431.74	-757.66	-755.32	-434.08	27.49
		14	4.27	7.39	-39.23	-39.23	7.39	0.38	-384.61	-770.16	-751.61	-403.16	82.51
		19	3.64	7.75	-36.24	-36.23	7.75	0.38	-352.05	-654.19	-619.00	-387.25	96.93
		18	3.56	7.53	-36.26	-36.26	7.53	0.38	-409.91	-630.96	-622.71	-418.16	41.92
12	6	14	9.95	13.11	-27.48	-22.49	8.12	-13.33	-798.39	-2208.21	-2141.70	-864.91	298.92
		15	10.99	23.04	-25.19	-21.18	19.03	-13.33	-494.04	-2390.95	-2128.67	-756.33	654.78
		20	8.28	22.88	-25.96	-22.00	18.93	-13.33	-192.08	-1732.18	-1270.87	-653.39	705.45
		19	6.45	12.92	-28.21	-23.31	8.02	-13.33	-586.69	-1459.19	-1283.90	-761.97	349.59
12	17	14	16.86	18.04	-25.68	-16.14	8.50	-18.06	-1213.88	-3812.71	-3760.79	-1265.80	363.63
		15	18.19	30.77	-21.56	-14.33	23.54	-18.06	-859.99	-4037.10	-3746.92	-1150.18	915.28
		20	13.32	29.00	-28.43	-22.04	22.61	-18.06	-500.48	-2907.31	-2417.18	-990.61	969.24
		19	11.27	15.80	-32.07	-23.85	7.57	-18.06	-985.59	-2551.69	-2431.05	-1106.23	417.59
12	22	14	7.42	8.25	-25.00	-23.07	6.33	-7.76	-570.11	-1599.68	-1555.24	-614.54	209.22
		15	8.16	14.79	-23.88	-22.25	13.17	-7.76	-347.55	-1722.65	-1544.57	-525.63	461.70
		20	6.00	14.91	-23.15	-21.50	13.26	-7.76	-136.07	-1252.52	-935.99	-452.60	503.19
		19	4.89	8.38	-24.28	-22.32	6.42	-7.76	-421.76	-1066.41	-946.66	-541.51	250.71
12	25	14	7.37	7.78	-26.71	-25.32	6.39	-6.77	-556.34	-1571.16	-1528.89	-598.61	202.76
		15	8.09	13.91	-25.75	-24.56	12.72	-6.77	-336.84	-1688.26	-1517.92	-507.18	448.54
		20	5.97	14.10	-24.53	-23.30	12.87	-6.77	-132.00	-1229.56	-925.47	-436.08	491.21
		19	4.90	7.97	-25.49	-24.06	6.54	-6.77	-412.54	-1051.41	-936.44	-527.51	245.42
13	6	17	8.10	9.80	-25.80	-23.39	7.38	8.96	106.20	-1548.32	-1219.21	-222.90	-660.45
		16	7.05	12.02	-25.39	-23.10	9.73	8.96	69.95	-1290.74	-1195.50	-25.29	-347.16
		21	3.46	13.10	-19.79	-17.14	10.45	8.96	171.56	-546.55	-440.32	65.33	-254.94
		22	5.48	10.93	-20.25	-17.42	8.10	8.96	293.79	-890.11	-464.04	-132.28	-568.23
13	15	17	13.69	9.96	-41.56	-34.22	2.63	18.01	-278.36	-2757.98	-2706.46	-329.87	-353.68
		16	13.82	14.96	-40.23	-33.54	8.27	18.01	-183.97	-2689.97	-2689.06	-184.88	-47.83
		21	10.49	14.65	-41.45	-34.90	8.11	18.01	-96.20	-1952.02	-1951.81	-96.41	19.84
		22	10.27	9.63	-42.75	-35.58	2.46	18.01	-195.29	-2015.32	-1969.21	-241.40	-286.02
13	22	17	6.10	6.36	-23.13	-22.41	5.65	4.54	57.13	-1141.99	-903.45	-181.41	-478.68
		16	5.29	7.61	-22.95	-22.26	6.92	4.54	-3.35	-967.01	-891.18	-79.17	-259.47
		21	2.81	8.39	-17.60	-16.79	7.58	4.54	84.49	-463.02	-362.77	-15.76	-211.75
		22	4.05	7.16	-17.79	-16.94	6.30	4.54	203.21	-696.24	-375.03	-118.00	-430.97
13	25	17	6.09	6.09	-24.59	-24.16	5.67	3.59	48.24	-1130.00	-895.49	-186.27	-470.44
		16	5.27	7.13	-24.45	-24.04	6.72	3.59	-25.49	-963.17	-885.52	-103.14	-258.42
		21	2.90	7.91	-18.75	-18.25	7.41	3.59	67.36	-483.63	-374.45	-41.81	-219.62
		22	4.13	6.87	-18.89	-18.38	6.36	3.59	196.04	-705.40	-384.43	-124.94	-431.64
14	5	16	4.99	7.09	-47.52	-47.47	7.04	-1.60	-277.90	-867.02	-797.73	-347.19	-189.79
		18	4.70	6.97	-47.53	-47.49	6.93	-1.60	-399.18	-812.43	-804.88	-406.74	-55.36
		23	3.11	8.01	-39.00	-38.94	7.95	-1.60	-323.82	-524.88	-480.85	-367.85	-83.15
		21	3.57	8.12	-38.98	-38.93	8.07	-1.60	-158.24	-623.77	-473.70	-308.31	-217.58
14	19	16	8.91	12.70	-22.16	-19.89	10.43	8.60	494.26	-1359.44	-1359.28	494.10	-16.80
		18	9.37	13.93	-21.93	-19.74	11.73	8.60	633.24	-1343.42	-1342.68	632.50	38.30
		23	9.08	12.58	-29.70	-27.88	10.76	8.60	654.12	-1215.55	-1209.87	648.44	102.88
		21	8.58	11.33	-29.91	-28.03	9.46	8.60	511.36	-1227.79	-1226.48	510.04	47.79
14	21	16	3.79	5.38	-36.56	-36.52	5.35	-1.24	-213.62	-657.45	-604.51	-266.55	-143.85
		18	3.57	5.30	-36.57	-36.53	5.26	-1.24	-306.51	-615.79	-610.00	-312.30	-41.92
		23	2.36	6.12	-29.81	-29.77	6.08	-1.24	-248.31	-398.81	-364.30	-282.81	-63.27
		21	2.71	6.20	-29.80	-29.76	6.16	-1.24	-121.89	-473.99	-358.81	-237.07	-165.20
14	24	16	3.79	5.38	-36.56	-36.52	5.35	-1.24	-213.62	-657.45	-604.51	-266.55	-143.85
		18	3.57	5.30	-36.57	-36.53	5.26	-1.24	-306.51	-615.79	-610.00	-312.30	-41.92
		23	2.36	6.12	-29.81	-29.77	6.08	-1.24	-248.31	-398.81	-364.30	-282.81	-63.27
		21	2.71	6.20	-29.80	-29.76	6.16	-1.24	-121.89	-473.99	-358.81	-237.07	-165.20
15	5	18	4.70	6.97	-47.53	-47.49	6.93	1.60	-399.18	-812.43	-804.88	-406.74	55.36
		19	4.99	7.09	-47.52	-47.47	7.04	1.60	-277.90	-867.02	-797.73	-347.19	189.79
		24	3.57	8.12	-38.98	-38.93	8.07	1.60	-158.24	-623.77	-473.70	-308.31	217.58
		23	3.11	8.01	-39.00	-38.94	7.95	1.60	-323.82	-524.88	-480.85	-367.85	83.15
15	17	18	9.37	13.93	-21.93	-19.74	11.73	-8.60	633.24	-1343.42	-1342.68	632.50	-38.30
		19	8.91	12.70	-22.16	-19.89	10.43	-8.60	494.26	-1359.44	-1359.28	494.10	16.80

		24	8.58	11.33	-29.91	-28.03	9.46	-8.60	511.36	-1227.79	-1226.48	510.04	-47.79
		23	9.08	12.58	-29.70	-27.88	10.76	-8.60	654.12	-1215.55	-1209.87	648.44	-102.88
15	21	18	3.57	5.30	-36.57	-36.53	5.26	1.24	-306.51	-615.79	-610.00	-312.30	41.92
		19	3.79	5.38	-36.56	-36.52	5.35	1.24	-213.62	-657.45	-604.51	-266.55	143.85
		24	2.71	6.20	-29.80	-29.76	6.16	1.24	-121.89	-473.99	-358.81	-237.07	165.20
		23	2.36	6.12	-29.81	-29.77	6.08	1.24	-248.31	-398.81	-364.30	-282.81	63.27
15	24	18	3.57	5.30	-36.57	-36.53	5.26	1.24	-306.51	-615.79	-610.00	-312.30	41.92
		19	3.79	5.38	-36.56	-36.52	5.35	1.24	-213.62	-657.45	-604.51	-266.55	143.85
		24	2.71	6.20	-29.80	-29.76	6.16	1.24	-121.89	-473.99	-358.81	-237.07	165.20
		23	2.36	6.12	-29.81	-29.77	6.08	1.24	-248.31	-398.81	-364.30	-282.81	63.27
16	6	19	7.05	12.02	-25.39	-23.10	9.73	-8.96	69.95	-1290.74	-1195.50	-25.29	347.16
		20	8.10	9.80	-25.80	-23.39	7.38	-8.96	106.20	-1548.32	-1219.21	-222.90	660.45
		25	5.48	10.93	-20.25	-17.42	8.10	-8.96	293.79	-890.11	-464.04	-132.28	568.23
		24	3.46	13.10	-19.79	-17.14	10.45	-8.96	171.56	-546.55	-440.32	65.33	254.94
16	13	19	13.82	14.96	-40.23	-33.54	8.27	-18.01	-183.97	-2689.97	-2689.06	-184.88	47.83
		20	13.69	9.96	-41.56	-34.22	2.63	-18.01	-278.36	-2757.98	-2706.46	-329.87	353.68
		25	10.27	9.63	-42.75	-35.58	2.46	-18.01	-195.29	-2015.32	-1969.21	-241.40	286.02
		24	10.49	14.65	-41.45	-34.90	8.11	-18.01	-96.20	-1952.02	-1951.81	-96.41	-19.84
16	22	19	5.29	7.61	-22.95	-22.26	6.92	-4.54	-3.35	-967.01	-891.18	-79.17	259.47
		20	6.10	6.36	-23.13	-22.41	5.65	-4.54	57.13	-1141.99	-903.45	-181.41	478.68
		25	4.05	7.16	-17.79	-16.94	6.30	-4.54	203.21	-696.24	-375.03	-118.00	430.97
		24	2.81	8.39	-17.60	-16.79	7.58	-4.54	84.49	-463.02	-362.77	-15.76	211.75
16	25	19	5.27	7.13	-24.45	-24.04	6.72	-3.59	-25.49	-963.17	-885.52	-103.14	258.42
		20	6.09	6.09	-24.59	-24.16	5.67	-3.59	48.24	-1130.00	-895.49	-186.27	470.44
		25	4.13	6.87	-18.89	-18.38	6.36	-3.59	196.04	-705.40	-384.43	-124.94	431.64
		24	2.90	7.91	-18.75	-18.25	7.41	-3.59	67.36	-483.63	-374.45	-41.81	219.62
17	6	22	5.35	4.89	-21.99	-18.25	1.16	9.30	691.95	-550.79	-385.02	526.18	-422.53
		21	5.64	12.81	-20.08	-17.20	9.93	9.30	797.89	-399.38	-357.45	755.96	-220.10
		26	4.16	14.30	-13.73	-10.20	10.77	9.30	832.66	112.35	130.49	814.51	-112.87
		27	4.01	6.79	-16.05	-11.26	1.99	9.30	740.62	-52.97	102.92	584.73	-315.29
17	19	22	12.04	5.92	-40.36	-25.79	-8.65	21.49	1857.01	-911.76	-852.50	1797.74	-400.72
		21	13.97	24.60	-32.68	-22.97	14.89	21.49	2170.15	-808.05	-807.83	2169.93	-25.23
		26	12.05	21.39	-43.99	-35.93	13.33	21.49	2288.60	87.22	97.28	2278.55	148.46
		27	9.54	1.32	-50.28	-38.75	-10.20	21.49	1933.76	25.21	52.61	1906.36	-227.04
17	21	22	4.61	2.17	-31.18	-30.54	1.53	-4.57	18.85	-811.86	-475.98	-317.03	-407.68
		21	3.90	2.60	-31.12	-30.49	1.97	-4.57	-49.12	-680.01	-469.14	-259.99	-297.61
		26	2.89	3.87	-22.34	-21.51	3.05	-4.57	55.28	-487.24	-203.82	-228.15	-270.99
		27	3.77	3.45	-22.40	-21.57	2.61	-4.57	134.95	-630.80	-210.66	-285.19	-381.06
17	24	22	4.61	2.17	-31.18	-30.54	1.53	-4.57	18.85	-811.86	-475.98	-317.03	-407.68
		21	3.90	2.60	-31.12	-30.49	1.97	-4.57	-49.12	-680.01	-469.14	-259.99	-297.61
		26	2.89	3.87	-22.34	-21.51	3.05	-4.57	55.28	-487.24	-203.82	-228.15	-270.99
		27	3.77	3.45	-22.40	-21.57	2.61	-4.57	134.95	-630.80	-210.66	-285.19	-381.06
18	6	21	5.96	10.11	-17.74	-17.51	9.89	2.47	744.59	-498.98	-493.97	739.58	-78.75
		23	5.72	9.09	-17.87	-17.64	8.86	2.47	691.49	-500.64	-499.84	690.68	-30.98
		28	5.19	10.03	-10.68	-10.38	9.73	2.47	707.15	-387.35	-384.70	704.50	-53.80
		26	5.45	11.05	-10.54	-10.25	10.76	2.47	762.43	-387.87	-378.83	753.40	-101.57
18	19	21	14.79	15.04	-28.14	-27.44	14.35	5.42	2149.78	-1037.06	-1030.49	2143.21	144.46
		23	14.03	11.48	-28.62	-27.88	10.74	5.42	1988.64	-1054.62	-1049.64	1983.66	122.94
		28	14.16	11.47	-28.73	-27.99	10.72	5.42	1978.20	-1102.28	-1101.52	1977.44	48.48
		26	14.91	15.03	-28.25	-27.56	14.34	5.42	2138.51	-1083.89	-1082.37	2136.99	70.00
18	22	21	3.85	6.39	-17.08	-17.02	6.32	1.21	394.04	-381.32	-371.83	384.54	-85.29
		23	3.71	5.95	-17.14	-17.07	5.89	1.21	366.59	-375.53	-374.15	365.21	-31.97
		28	3.12	6.71	-10.99	-10.91	6.63	1.21	383.30	-248.29	-245.62	380.63	-40.99
		26	3.27	7.14	-10.94	-10.86	7.06	1.21	413.51	-256.84	-243.30	399.96	-94.31
18	25	21	3.60	5.88	-18.53	-18.49	5.84	0.94	327.54	-383.67	-370.51	314.38	-95.84
		23	3.48	5.58	-18.57	-18.53	5.55	0.94	304.01	-373.84	-371.98	302.15	-35.44
		28	2.79	6.35	-12.25	-12.20	6.31	0.94	322.70	-229.49	-226.41	319.62	-41.15
		26	2.95	6.65	-12.22	-12.17	6.60	0.94	349.79	-242.88	-224.94	331.85	-101.54
19	6	23	5.72	9.09	-17.87	-17.64	8.86	-2.47	691.49	-500.64	-499.84	690.68	30.98
		24	5.96	10.11	-17.74	-17.51	9.89	-2.47	744.59	-498.98	-493.97	739.58	78.75
		29	5.45	11.05	-10.54	-10.25	10.76	-2.47	762.43	-387.87	-378.83	753.40	101.57
		28	5.19	10.03	-10.68	-10.38	9.73	-2.47	707.15	-387.35	-384.70	704.50	53.80
19	17	23	14.03	11.48	-28.62	-27.88	10.74	-5.42	1988.64	-1054.62	-1049.64	1983.66	-122.94
		24	14.79	15.04	-28.14	-27.44	14.35	-5.42	2149.78	-1037.06	-1030.49	2143.21	-144.46
		29	14.91	15.03	-28.25	-27.56	14.34	-5.42	2138.51	-1083.89	-1082.37	2136.99	-70.00
		28	14.16	11.47	-28.73	-27.99	10.72	-5.42	1978.20	-1102.28	-1101.52	1977.44	-48.48
19	22	23	3.71	5.95	-17.14	-17.07	5.89	-1.21	366.59	-375.53	-374.15	365.21	31.97
		24	3.85	6.39	-17.08	-17.02	6.32	-1.21	394.04	-381.32	-371.83	384.54	85.29
		29	3.27	7.14	-10.94	-10.86	7.06	-1.21	413.51	-256.84	-243.30	399.96	94.31
		28	3.12	6.71	-10.99	-10.91	6.63	-1.21	383.30	-248.29	-245.62	380.63	40.99
19	25	23	3.48	5.58	-18.57	-18.53	5.55	-0.94	304.01	-373.84	-371.98	302.15	35.44
		24	3.60	5.88	-18.53	-18.49	5.84	-0.94	327.54	-383.67	-370.51	314.38	95.84
		29	2.95	6.65	-12.22	-12.17	6.60	-0.94	349.79	-242.88	-224.94	331.85	101.54
		28	2.79	6.35	-12.25	-12.20	6.31	-0.94	322.70	-229.49	-226.41	319.62	41.15
20	5	24	5.13	3.47	-40.60	-39.79	2.66	5.93	-55.32	-890.71	-616.19	-329.84	392.39
		25	6.07	2.68	-40.71	-39.89	1.86	5.93	33.89	-1064.78	-625.28	-405.61	538.25
		30	4.97	4.28	-29.66	-28.60	3.21	5.93	186.33	-823.44	-273.69	-363.42	502.89

		29	3.80	5.06	-29.55	-28.50	4.02	5.93	81.09	-633.33	-264.60	-287.65	357.03
20	17	24	13.97	24.60	-32.68	-22.97	14.89	-21.49	2170.15	-808.05	-807.83	2169.93	25.23
		25	12.04	5.92	-40.36	-25.79	-8.65	-21.49	1857.01	-911.76	-852.50	1797.74	400.72
		30	9.54	1.32	-50.28	-38.75	-10.20	-21.49	1933.76	25.21	52.61	1906.36	227.04
		29	12.05	21.39	-43.99	-35.93	13.33	-21.49	2288.60	87.22	97.28	2278.55	-148.46
20	21	24	3.90	2.60	-31.12	-30.49	1.97	4.57	-49.12	-680.01	-469.14	-259.99	297.61
		25	4.61	2.17	-31.18	-30.54	1.53	4.57	18.85	-811.86	-475.98	-317.03	407.68
		30	3.77	3.45	-22.40	-21.57	2.61	4.57	134.95	-630.80	-210.66	-285.19	381.06
		29	2.89	3.87	-22.34	-21.51	3.05	4.57	55.28	-487.24	-203.82	-228.15	270.99
20	24	24	3.90	2.60	-31.12	-30.49	1.97	4.57	-49.12	-680.01	-469.14	-259.99	297.61
		25	4.61	2.17	-31.18	-30.54	1.53	4.57	18.85	-811.86	-475.98	-317.03	407.68
		30	3.77	3.45	-22.40	-21.57	2.61	4.57	134.95	-630.80	-210.66	-285.19	381.06
		29	2.89	3.87	-22.34	-21.51	3.05	4.57	55.28	-487.24	-203.82	-228.15	270.99
21	8	27	6.74	26.47	-5.66	-2.17	22.99	9.99	1355.41	224.57	245.79	1334.20	-153.42
		26	4.81	13.02	-9.91	-4.07	7.19	9.99	1032.42	183.79	206.81	1009.40	-137.86
		31	5.18	13.35	-9.18	-3.13	7.30	9.99	1110.60	147.62	244.32	1013.90	-289.43
		32	6.97	26.67	-4.81	-1.23	23.10	9.99	1420.50	201.50	283.30	1338.70	-305.00
21	19	27	18.31	51.87	-33.70	-31.56	49.73	13.37	3481.71	224.88	239.86	3466.73	-220.34
		26	12.97	13.28	-39.97	-36.37	9.67	13.37	2556.30	121.14	129.59	2547.85	-143.20
		31	13.28	13.56	-38.51	-34.81	9.86	13.37	2706.98	178.71	315.53	2570.16	-572.01
		32	18.58	52.09	-32.18	-30.00	49.92	13.37	3620.93	293.91	425.80	3489.04	-649.15
21	22	27	3.73	12.09	-11.13	-10.07	11.03	4.85	698.16	-9.09	57.09	631.97	-205.99
		26	2.98	5.72	-12.29	-10.87	4.31	4.85	577.69	-4.56	44.67	528.46	-162.00
		31	2.99	6.61	-8.35	-6.56	4.82	4.85	632.90	58.99	150.71	541.18	-210.30
		32	3.75	12.81	-7.02	-5.76	11.54	4.85	754.11	53.72	163.14	644.69	-254.29
21	25	27	3.33	9.79	-12.22	-11.47	9.04	3.99	598.41	-55.70	25.77	516.94	-215.99
		26	2.74	4.77	-13.04	-12.09	3.83	3.99	507.08	-39.17	17.76	450.16	-166.90
		31	2.66	5.65	-8.47	-7.23	4.42	3.99	557.46	42.99	136.09	464.36	-198.06
		32	3.27	10.55	-7.53	-6.61	9.62	3.99	651.53	23.72	144.10	531.14	-247.16
22	6	26	6.09	7.51	-11.00	-10.68	7.19	2.41	923.03	-389.42	-361.79	895.40	-188.40
		28	5.85	7.67	-10.98	-10.66	7.35	2.41	881.04	-366.12	-363.80	878.71	-53.80
		33	4.91	8.60	-4.56	-4.10	8.14	2.41	921.59	-43.31	-39.36	917.65	-61.59
		31	5.20	8.44	-4.58	-4.12	7.98	2.41	972.45	-75.47	-37.36	934.33	-196.18
22	19	26	16.01	10.94	-28.26	-28.00	10.68	3.19	2420.45	-1064.21	-1050.05	2406.29	-221.65
		28	15.46	9.90	-28.39	-28.12	9.63	3.19	2301.30	-1063.74	-1062.77	2300.33	57.13
		33	13.50	9.95	-27.97	-27.70	9.68	3.19	2380.99	-390.78	-390.76	2380.97	7.68
		31	14.16	10.99	-27.84	-27.58	10.73	3.19	2512.36	-403.48	-378.05	2486.93	-271.10
22	22	26	3.66	4.37	-11.29	-11.19	4.27	1.26	518.43	-255.02	-231.86	495.27	-131.81
		28	3.53	4.59	-11.27	-11.16	4.49	1.26	498.18	-234.09	-231.79	495.88	-40.99
		33	2.84	5.32	-5.63	-5.48	5.17	1.26	525.23	-15.94	-12.86	522.15	-40.70
		31	3.00	5.10	-5.66	-5.51	4.95	1.26	552.16	-43.55	-12.94	521.55	-131.53
22	25	26	3.29	3.85	-12.57	-12.51	3.78	1.02	447.00	-238.74	-214.08	422.34	-127.67
		28	3.17	4.11	-12.54	-12.48	4.05	1.02	430.83	-216.00	-213.38	428.20	-41.15
		33	2.48	4.85	-6.67	-6.58	4.75	1.02	456.43	-8.02	-4.82	453.23	-38.42
		31	2.64	4.58	-6.71	-6.61	4.49	1.02	479.54	-37.70	-5.52	447.36	-124.94
23	6	28	5.85	7.67	-10.98	-10.66	7.35	-2.41	881.04	-366.12	-363.80	878.71	53.80
		29	6.09	7.51	-11.00	-10.68	7.19	-2.41	923.03	-389.42	-361.79	895.40	188.40
		34	5.20	8.44	-4.58	-4.12	7.98	-2.41	972.45	-75.47	-37.36	934.33	196.18
		33	4.91	8.60	-4.56	-4.10	8.14	-2.41	921.59	-43.31	-39.36	917.65	61.59
23	17	28	15.46	9.90	-28.39	-28.12	9.63	-3.19	2301.30	-1063.74	-1062.77	2300.33	-57.13
		29	16.01	10.94	-28.26	-28.00	10.68	-3.19	2420.45	-1064.21	-1050.05	2406.29	221.65
		34	14.16	10.99	-27.84	-27.58	10.73	-3.19	2512.36	-403.48	-378.05	2486.93	271.10
		33	13.50	9.95	-27.97	-27.70	9.68	-3.19	2380.99	-390.78	-390.76	2380.97	-7.68
23	22	28	3.53	4.59	-11.27	-11.16	4.49	-1.26	498.18	-234.09	-231.79	495.88	40.99
		29	3.66	4.37	-11.29	-11.19	4.27	-1.26	518.43	-255.02	-231.86	495.27	131.81
		34	3.00	5.10	-5.66	-5.51	4.95	-1.26	552.16	-43.55	-12.94	521.55	131.53
		33	2.84	5.32	-5.63	-5.48	5.17	-1.26	525.23	-15.94	-12.86	522.15	40.70
23	25	28	3.17	4.11	-12.54	-12.48	4.05	-1.02	430.83	-216.00	-213.38	428.20	41.15
		29	3.29	3.85	-12.57	-12.51	3.78	-1.02	447.00	-238.74	-214.08	422.34	127.67
		34	2.64	4.58	-6.71	-6.61	4.49	-1.02	479.54	-37.70	-5.52	447.36	124.94
		33	2.48	4.85	-6.67	-6.58	4.75	-1.02	456.43	-8.02	-4.82	453.23	38.42
24	8	29	4.81	13.02	-9.91	-4.07	7.19	-9.99	1032.42	183.79	206.81	1009.40	137.86
		30	6.74	26.47	-5.66	-2.17	22.99	-9.99	1355.41	224.57	245.79	1334.20	153.42
		35	6.97	26.67	-4.81	-1.23	23.10	-9.99	1420.50	201.50	283.30	1338.70	305.00
		34	5.18	13.35	-9.18	-3.13	7.30	-9.99	1110.60	147.62	244.32	1013.90	289.43
24	17	29	12.97	13.28	-39.97	-36.37	9.67	-13.37	2556.30	121.14	129.59	2547.85	143.20
		30	18.31	51.87	-33.70	-31.56	49.73	-13.37	3481.71	224.88	239.86	3466.73	220.34
		35	18.58	52.09	-32.18	-30.00	49.92	-13.37	3620.93	293.91	425.80	3489.04	649.15
		34	13.28	13.56	-38.51	-34.81	9.86	-13.37	2706.98	178.71	315.53	2570.16	572.01
24	22	29	2.98	5.72	-12.29	-10.87	4.31	-4.85	577.69	-4.56	44.67	528.46	162.00
		30	3.73	12.09	-11.13	-10.07	11.03	-4.85	698.16	-9.09	57.09	631.97	205.99
		35	3.75	12.81	-7.02	-5.76	11.54	-4.85	754.11	53.72	163.14	644.69	254.29
		34	2.99	6.61	-8.35	-6.56	4.82	-4.85	632.90	58.99	150.71	541.18	210.30
24	25	29	2.74	4.77	-13.04	-12.09	3.83	-3.99	507.08	-39.17	17.76	450.16	166.90
		30	3.33	9.79	-12.22	-11.47	9.04	-3.99	598.41	-55.70	25.77	516.94	215.99
		35	3.27	10.55	-7.53	-6.61	9.62	-3.99	651.53	23.72	144.10	531.14	247.16
		34	2.66	5.65	-8.47	-7.23	4.42	-3.99	557.46	42.99	136.09	464.36	198.06

25	6	32	3.64	12.28	-8.14	-6.54	10.68	5.49	702.97	-42.53	190.22	470.22	-345.46
		31	3.76	8.61	-8.95	-7.02	6.68	5.49	778.86	49.15	208.17	619.84	-301.25
		36	3.36	9.92	-4.27	-1.67	7.32	5.49	754.44	192.93	314.73	632.63	-231.43
		37	3.19	13.39	-3.26	-1.19	11.32	5.49	680.83	98.95	296.78	483.01	-275.64
25	17	32	8.62	20.88	-32.88	-31.98	19.98	6.90	1724.81	-23.32	556.11	1145.38	-822.91
		31	9.61	12.38	-34.07	-33.02	11.34	6.90	2012.07	167.23	607.31	1571.99	-786.26
		36	8.54	12.08	-36.22	-35.21	11.07	6.90	1874.95	403.29	695.65	1582.59	-587.18
		37	7.38	20.58	-35.04	-34.18	19.72	6.90	1574.43	226.00	644.45	1155.98	-623.82
25	22	32	2.35	6.95	-7.30	-6.41	6.06	3.45	434.41	-48.93	117.88	267.60	-229.79
		31	2.32	4.77	-7.73	-6.69	3.73	3.45	469.20	16.12	128.58	356.74	-195.72
		36	2.09	5.64	-4.09	-2.66	4.22	3.45	461.36	115.94	210.70	366.60	-154.12
		37	2.09	7.72	-3.56	-2.39	6.55	3.45	430.86	46.60	200.01	277.45	-188.19
25	25	32	2.19	5.97	-7.88	-7.14	5.22	3.13	396.79	-56.14	108.25	232.39	-217.79
		31	2.12	4.04	-8.24	-7.38	3.19	3.13	422.15	7.50	117.79	311.86	-183.22
		36	1.92	4.84	-4.61	-3.43	3.66	3.13	419.60	103.38	201.13	321.86	-146.13
		37	1.98	6.69	-4.17	-3.18	5.70	3.13	399.48	34.51	191.59	242.39	-180.71
26	8	31	3.63	8.26	-0.30	0.49	7.47	2.47	633.79	-134.62	-99.08	598.26	-161.37
		33	3.44	6.17	-0.82	0.21	5.15	2.47	619.88	-101.31	-97.01	615.57	-55.55
		38	3.00	6.96	1.38	2.88	5.47	2.47	650.75	153.49	158.06	646.18	-47.48
		36	3.19	8.86	2.09	3.16	7.79	2.47	674.21	110.64	155.98	628.87	-153.29
26	19	31	9.94	12.46	-27.59	-27.39	12.26	2.79	1535.51	-530.55	-496.32	1501.29	-263.70
		33	9.63	6.98	-28.28	-28.05	6.75	2.79	1513.12	-494.94	-494.91	1513.08	7.90
		38	8.07	6.21	-34.34	-34.15	6.02	2.79	1591.77	159.66	159.79	1591.65	13.41
		36	8.41	11.70	-33.66	-33.49	11.53	2.79	1625.30	112.93	158.37	1579.85	-258.20
26	22	31	2.16	4.07	-5.85	-5.64	3.86	1.42	370.80	-68.77	-35.07	337.10	-116.94
		33	2.02	3.14	-5.98	-5.75	2.92	1.42	358.07	-37.30	-33.06	353.83	-40.70
		38	1.71	3.78	-2.01	-1.64	3.41	1.42	380.59	146.00	150.71	375.88	-32.90
		36	1.86	4.68	-1.85	-1.52	4.35	1.42	405.53	102.33	148.71	359.16	-109.14
26	25	31	1.92	3.41	-6.91	-6.76	3.26	1.24	329.20	-58.16	-23.82	294.87	-110.09
		33	1.79	2.71	-7.01	-6.85	2.55	1.24	315.92	-26.19	-21.82	311.56	-38.42
		38	1.51	3.33	-2.77	-2.51	3.07	1.24	337.32	145.91	150.95	332.29	-30.63
		36	1.65	4.02	-2.66	-2.42	3.78	1.24	364.21	100.33	148.94	315.60	-102.30
27	6	33	3.42	5.61	-5.05	-4.47	5.03	-2.42	613.08	-82.07	-76.57	607.58	61.59
		34	3.63	7.51	-4.73	-4.23	7.01	-2.42	630.00	-123.89	-79.24	585.35	177.95
		39	3.16	8.28	-0.47	0.26	7.55	-2.42	677.92	142.33	201.24	619.01	167.58
		38	2.95	6.48	-0.88	0.02	5.57	-2.42	647.15	197.99	203.91	641.24	51.22
27	17	33	9.63	6.98	-28.28	-28.05	6.75	-2.79	1513.12	-494.94	-494.91	1513.08	-7.90
		34	9.94	12.46	-27.59	-27.39	12.26	-2.79	1535.51	-530.55	-496.32	1501.29	263.70
		39	8.41	11.70	-33.66	-33.49	11.53	-2.79	1625.30	112.93	158.37	1579.85	258.20
		38	8.07	6.21	-34.34	-34.15	6.02	-2.79	1591.77	159.66	159.79	1591.65	-13.41
27	22	33	2.02	3.14	-5.98	-5.75	2.92	-1.42	358.07	-37.30	-33.06	353.83	40.70
		34	2.16	4.07	-5.85	-5.64	3.86	-1.42	370.80	-68.77	-35.07	337.10	116.94
		39	1.86	4.68	-1.85	-1.52	4.35	-1.42	405.53	102.33	148.71	359.16	109.14
		38	1.71	3.78	-2.01	-1.64	3.41	-1.42	380.59	146.00	150.71	375.88	32.90
27	25	33	1.79	2.71	-7.01	-6.85	2.55	-1.24	315.92	-26.19	-21.82	311.56	38.42
		34	1.92	3.41	-6.91	-6.76	3.26	-1.24	329.20	-58.16	-23.82	294.87	110.09
		39	1.65	4.02	-2.66	-2.42	3.78	-1.24	364.21	100.33	148.94	315.60	102.30
		38	1.51	3.33	-2.77	-2.51	3.07	-1.24	337.32	145.91	150.95	332.29	30.63
28	6	34	3.76	8.61	-8.95	-7.02	6.68	-5.49	778.86	49.15	208.17	619.84	301.25
		35	3.64	12.28	-8.14	-6.54	10.68	-5.49	702.97	-42.53	190.22	470.22	345.46
		40	3.19	13.39	-3.26	-1.19	11.32	-5.49	680.83	98.95	296.78	483.01	275.64
		39	3.36	9.92	-4.27	-1.67	7.32	-5.49	754.44	192.93	314.73	632.63	231.43
28	19	34	9.61	12.38	-34.07	-33.02	11.34	-6.90	2012.07	167.23	607.31	1571.99	786.26
		35	8.62	20.88	-32.88	-31.98	19.98	-6.90	1724.81	-23.32	556.11	1145.38	822.91
		40	7.38	20.58	-35.04	-34.18	19.72	-6.90	1574.43	226.00	644.45	1155.98	623.82
		39	8.54	12.08	-36.22	-35.21	11.07	-6.90	1874.95	403.29	695.65	1582.59	587.18
28	22	34	2.32	4.77	-7.73	-6.69	3.73	-3.45	469.20	16.12	128.58	356.74	195.72
		35	2.35	6.95	-7.30	-6.41	6.06	-3.45	434.41	-48.93	117.88	267.60	229.79
		40	2.09	7.72	-3.56	-2.39	6.55	-3.45	430.86	46.60	200.01	277.45	188.19
		39	2.09	5.64	-4.09	-2.66	4.22	-3.45	461.36	115.94	210.70	366.60	154.12
28	25	34	2.12	4.04	-8.24	-7.38	3.19	-3.13	422.15	7.50	117.79	311.86	183.22
		35	2.19	5.97	-7.88	-7.14	5.22	-3.13	396.79	-56.14	108.25	232.39	217.79
		40	1.98	6.69	-4.17	-3.18	5.70	-3.13	399.48	34.51	191.59	242.39	180.71
		39	1.92	4.84	-4.61	-3.43	3.66	-3.13	419.60	103.38	201.13	321.86	146.13
29	6	37	2.16	4.33	-3.08	-2.14	3.39	2.46	404.98	-17.32	254.77	132.90	-202.17
		36	1.95	3.21	-3.40	-2.30	2.11	2.46	390.00	37.34	259.02	168.32	-170.40
		41	1.95	5.98	0.92	4.03	2.87	2.46	429.54	83.58	335.60	177.51	-153.86
		42	2.15	6.63	1.70	4.19	4.15	2.46	445.08	28.36	331.35	142.09	-185.64
29	17	37	5.17	6.39	-35.97	-35.80	6.21	2.69	892.85	-60.60	540.72	291.53	-460.15
		36	4.92	4.38	-36.22	-36.04	4.20	2.69	899.45	41.20	552.33	388.32	-421.22
		41	5.02	3.81	-40.83	-40.66	3.65	2.69	918.63	127.13	646.18	399.58	-376.05
		42	5.26	5.82	-40.58	-40.42	5.66	2.69	915.59	21.77	634.57	302.79	-414.98
29	22	37	1.50	2.44	-3.44	-2.94	1.94	1.65	273.50	-18.00	176.22	79.28	-137.46
		36	1.34	1.70	-3.61	-3.04	1.13	1.65	260.85	19.53	178.89	101.49	-114.28
		41	1.36	3.38	0.08	1.75	1.70	1.65	293.14	49.80	234.75	108.19	-103.92
		42	1.50	3.86	0.50	1.85	2.51	1.65	305.62	12.44	232.08	85.98	-127.09
29	25	37	1.46	2.09	-4.08	-3.66	1.68	1.55	261.84	-20.00	171.00	70.84	-131.72

		36	1.30	1.40	-4.22	-3.75	0.94	1.55	248.62	16.04	173.45	91.21	-108.78
		41	1.32	2.80	-0.34	0.95	1.50	1.55	282.21	44.39	228.75	97.85	-99.27
		42	1.47	3.30	-0.02	1.04	2.24	1.55	294.98	8.80	226.30	77.47	-122.21
30	6	36	1.19	2.69	-0.71	-0.36	2.34	1.03	256.75	43.47	145.52	154.70	-106.54
		38	0.96	2.19	-0.83	-0.43	1.78	1.03	224.68	114.72	149.72	189.68	-51.22
		43	1.45	8.11	2.59	7.91	2.78	1.03	296.49	192.28	283.08	205.68	-34.89
		41	1.56	8.19	3.12	7.97	3.34	1.03	329.99	119.60	278.88	170.71	-90.22
30	13	36	3.87	2.08	-13.31	-13.10	1.87	1.77	609.34	-223.01	282.21	104.12	-406.54
		38	3.55	1.67	-13.36	-13.15	1.46	1.77	630.92	-99.65	297.74	233.53	-363.87
		43	3.27	2.33	-8.62	-8.33	2.03	1.77	636.42	10.05	400.59	245.87	-303.48
		41	3.58	2.73	-8.56	-8.28	2.45	1.77	622.06	-120.53	385.06	116.47	-346.15
30	21	36	1.04	-0.59	-9.62	-9.62	-0.60	0.23	162.30	6.13	156.26	12.18	-30.12
		38	1.02	-0.56	-9.62	-9.61	-0.56	0.23	156.43	4.00	155.40	5.02	-12.47
		43	1.08	0.10	-4.16	-4.15	0.09	0.23	199.26	8.81	197.94	10.13	-15.81
		41	1.09	0.07	-4.16	-4.15	0.06	0.23	204.77	11.31	198.80	17.28	-33.46
30	24	36	1.04	-0.59	-9.62	-9.62	-0.60	0.23	162.30	6.13	156.26	12.18	-30.12
		38	1.02	-0.56	-9.62	-9.61	-0.56	0.23	156.43	4.00	155.40	5.02	-12.47
		43	1.08	0.10	-4.16	-4.15	0.09	0.23	199.26	8.81	197.94	10.13	-15.81
		41	1.09	0.07	-4.16	-4.15	0.06	0.23	204.77	11.31	198.80	17.28	-33.46
31	6	38	0.96	2.19	-0.83	-0.43	1.78	-1.03	224.68	114.72	149.72	189.68	51.22
		39	1.19	2.69	-0.71	-0.36	2.34	-1.03	256.75	43.47	145.52	154.70	106.54
		44	1.56	8.19	3.12	7.97	3.34	-1.03	329.99	119.60	278.88	170.71	90.22
		43	1.45	8.11	2.59	7.91	2.78	-1.03	296.49	192.28	283.08	205.68	34.89
31	15	38	3.55	1.67	-13.36	-13.15	1.46	-1.77	630.92	-99.65	297.74	233.53	363.87
		39	3.87	2.08	-13.31	-13.10	1.87	-1.77	609.34	-223.01	282.21	104.12	406.54
		44	3.58	2.73	-8.56	-8.28	2.45	-1.77	622.06	-120.53	385.06	116.47	346.15
		43	3.27	2.33	-8.62	-8.33	2.03	-1.77	636.42	10.05	400.59	245.87	303.48
31	21	38	1.02	-0.56	-9.62	-9.61	-0.56	-0.23	156.43	4.00	155.40	5.02	12.47
		39	1.04	-0.59	-9.62	-9.62	-0.60	-0.23	162.30	6.13	156.26	12.18	30.12
		44	1.09	0.07	-4.16	-4.15	0.06	-0.23	204.77	11.31	198.80	17.28	33.46
		43	1.08	0.10	-4.16	-4.15	0.09	-0.23	199.26	8.81	197.94	10.13	15.81
31	24	38	1.02	-0.56	-9.62	-9.61	-0.56	-0.23	156.43	4.00	155.40	5.02	12.47
		39	1.04	-0.59	-9.62	-9.62	-0.60	-0.23	162.30	6.13	156.26	12.18	30.12
		44	1.09	0.07	-4.16	-4.15	0.06	-0.23	204.77	11.31	198.80	17.28	33.46
		43	1.08	0.10	-4.16	-4.15	0.09	-0.23	199.26	8.81	197.94	10.13	15.81
32	6	39	1.95	3.21	-3.40	-2.30	2.11	-2.46	390.00	37.34	259.02	168.32	170.40
		40	2.16	4.33	-3.08	-2.14	3.39	-2.46	404.98	-17.32	254.77	132.90	202.17
		45	2.15	6.63	1.70	4.19	4.15	-2.46	445.08	28.36	331.35	142.09	185.64
		44	1.95	5.98	0.92	4.03	2.87	-2.46	429.54	83.58	335.60	177.51	153.86
32	19	39	4.92	4.38	-36.22	-36.04	4.20	-2.69	899.45	41.20	552.33	388.32	421.22
		40	5.17	6.39	-35.97	-35.80	6.21	-2.69	892.85	-60.60	540.72	291.53	460.15
		45	5.26	5.82	-40.58	-40.42	5.66	-2.69	915.59	21.77	634.57	302.79	414.98
		44	5.02	3.81	-40.83	-40.66	3.65	-2.69	918.63	127.13	646.18	399.58	376.05
32	22	39	1.34	1.70	-3.61	-3.04	1.13	-1.65	260.85	19.53	178.89	101.49	114.28
		40	1.50	2.44	-3.44	-2.94	1.94	-1.65	273.50	-18.00	176.22	79.28	137.46
		45	1.50	3.86	0.50	1.85	2.51	-1.65	305.62	12.44	232.08	85.98	127.09
		44	1.36	3.38	0.08	1.75	1.70	-1.65	293.14	49.80	234.75	108.19	103.92
32	25	39	1.30	1.40	-4.22	-3.75	0.94	-1.55	248.62	16.04	173.45	91.21	108.78
		40	1.46	2.09	-4.08	-3.66	1.68	-1.55	261.84	-20.00	171.00	70.84	131.72
		45	1.47	3.30	-0.02	1.04	2.24	-1.55	294.98	8.80	226.30	77.47	122.21
		44	1.32	2.80	-0.34	0.95	1.50	-1.55	282.21	44.39	228.75	97.85	99.27
33	6	9	12.70	1.48	-21.00	-0.26	-19.26	6.02	-866.65	-2897.20	-2693.49	-1070.36	610.04
		46	12.68	8.36	-3.67	2.33	2.36	6.02	-456.87	-2772.07	-2636.18	-592.75	544.18
		47	14.17	7.78	-4.30	1.25	2.23	6.02	-370.28	-3034.53	-2793.21	-611.60	764.66
		10	14.22	0.48	-21.21	-1.34	-19.39	6.02	-759.36	-3180.37	-2850.53	-1089.20	830.52
33	19	9	20.72	32.35	-29.89	29.95	-27.49	11.98	-1205.22	-4590.03	-4139.03	-1656.23	1150.29
		46	20.33	38.13	0.51	33.83	4.82	11.98	-658.89	-4317.18	-4051.26	-924.81	949.80
		47	23.14	25.18	-3.47	18.71	3.00	11.98	-564.16	-4947.34	-4529.32	-982.18	1287.44
		10	23.63	17.87	-32.35	14.83	-29.31	11.98	-1086.52	-5244.17	-4617.09	-1713.60	1487.93
33	22	9	8.46	-3.48	-13.12	-4.44	-12.16	2.89	-585.18	-1915.65	-1793.07	-707.76	384.79
		46	8.57	2.65	-4.36	-2.85	1.13	2.89	-298.16	-1850.50	-1755.33	-393.32	372.38
		47	9.14	4.11	-1.71	0.82	1.57	2.89	-225.16	-1956.65	-1784.93	-396.87	517.53
		10	9.06	-0.06	-12.44	-0.77	-11.72	2.89	-499.12	-2034.85	-1822.66	-711.31	529.95
33	25	9	8.01	-5.14	-11.99	-5.96	-11.17	2.23	-556.66	-1807.46	-1697.04	-667.08	354.85
		46	8.16	1.69	-5.31	-4.51	0.89	2.23	-279.25	-1753.71	-1661.56	-371.40	356.91
		47	8.53	3.45	-1.05	0.86	1.53	2.23	-203.30	-1824.16	-1656.65	-370.81	493.41
		10	8.39	-0.11	-11.00	-0.58	-10.52	2.23	-469.10	-1889.53	-1692.13	-666.49	491.35
34	6	46	9.05	1.51	-8.35	-7.96	1.13	1.92	195.07	-1701.87	-1098.56	-408.24	883.44
		48	10.60	-2.28	-9.04	-8.44	-2.88	1.92	480.08	-1846.80	-1083.55	-283.16	1092.44
		49	10.19	-0.78	-4.75	-3.27	-2.26	1.92	760.05	-1568.60	-585.19	-223.36	1150.18
		47	8.49	2.45	-3.49	-2.79	1.75	1.92	475.24	-1423.87	-600.19	-348.43	941.18
34	19	46	14.73	15.47	-0.60	12.60	2.27	6.16	360.87	-2789.91	-1777.12	-651.91	1471.51
		48	17.26	14.16	-5.23	11.96	-3.03	6.16	807.43	-3025.53	-1754.52	-463.58	1804.51
		49	16.80	11.94	-5.81	9.46	-3.33	6.16	1250.10	-2578.88	-960.49	-368.29	1891.45
		47	14.09	13.41	-1.34	10.09	1.97	6.16	803.11	-2342.83	-983.09	-556.63	1558.45
34	22	46	5.99	0.66	-7.16	-7.12	0.62	0.53	159.76	-1111.00	-686.22	-265.03	599.46
		48	7.02	-1.99	-7.49	-7.44	-2.04	0.53	347.69	-1205.26	-676.18	-181.40	736.01

		49	6.78	-1.19	-2.61	-2.37	-1.43	0.53	535.13	-1028.04	-350.59	-142.33	774.62
		47	5.67	1.31	-2.13	-2.05	1.23	0.53	348.32	-934.91	-360.63	-225.96	638.07
34	25	46	5.66	0.54	-7.40	-7.40	0.54	0.17	164.40	-1042.24	-630.21	-247.64	572.19
		48	6.63	-1.96	-7.71	-7.70	-1.97	0.17	341.24	-1130.38	-620.70	-168.43	700.20
		49	6.41	-1.28	-2.27	-2.24	-1.31	0.17	518.82	-966.11	-315.48	-131.80	736.76
		47	5.37	1.21	-1.95	-1.94	1.20	0.17	343.42	-879.41	-324.99	-211.01	608.76
35	6	48	10.66	-2.99	-9.86	-9.80	-3.04	-0.62	1327.38	-1167.40	279.56	-119.59	1231.32
		50	10.72	-3.66	-9.95	-9.89	-3.73	-0.62	1348.45	-1161.31	282.47	-95.34	1240.58
		51	10.80	-2.42	-3.69	-3.19	-2.92	-0.62	1373.36	-1161.50	304.55	-92.69	1251.78
		49	10.74	-1.91	-3.43	-3.10	-2.24	-0.62	1352.37	-1167.67	301.64	-116.94	1242.52
35	19	48	17.54	4.44	-4.78	3.68	-4.02	2.53	2170.13	-1926.76	443.22	-199.85	2023.05
		50	17.73	4.41	-4.94	3.66	-4.20	2.53	2213.20	-1926.95	447.82	-161.56	2047.53
		51	17.93	6.89	-4.48	6.29	-3.88	2.53	2267.28	-1915.65	506.19	-154.56	2065.20
		49	17.75	6.92	-4.31	6.31	-3.71	2.53	2224.43	-1915.68	501.59	-192.85	2040.72
35	22	48	7.21	-1.87	-7.07	-6.95	-1.98	-0.76	910.34	-770.74	214.16	-74.56	828.05
		50	7.23	-2.28	-7.13	-7.00	-2.40	-0.76	922.63	-763.96	216.20	-57.54	832.11
		51	7.28	-1.26	-2.84	-2.27	-1.84	-0.76	936.50	-766.98	225.89	-56.37	839.97
		49	7.26	-0.96	-2.68	-2.22	-1.41	-0.76	924.24	-773.79	223.85	-73.39	835.91
35	25	48	6.86	-1.69	-6.78	-6.63	-1.84	-0.86	872.71	-726.66	214.29	-68.23	787.11
		50	6.88	-2.06	-6.84	-6.68	-2.22	-0.86	883.61	-719.12	216.26	-51.77	790.08
		51	6.93	-1.01	-2.80	-2.14	-1.67	-0.86	895.60	-723.17	223.35	-50.92	797.68
		49	6.91	-0.74	-2.64	-2.10	-1.29	-0.86	884.71	-730.72	221.37	-67.38	794.71
36	6	50	11.48	-3.12	-7.82	-7.50	-3.44	-1.18	1745.84	-885.37	883.66	-23.19	1235.00
		52	11.22	-3.59	-7.91	-7.56	-3.95	-1.18	1722.48	-846.66	885.31	-9.48	1204.14
		53	11.10	-2.06	-4.45	-3.10	-3.41	-1.18	1676.35	-882.93	811.73	-18.31	1210.47
		51	11.35	-1.79	-4.16	-3.04	-2.91	-1.18	1699.82	-921.76	810.08	-32.02	1241.33
36	19	50	18.92	1.45	-4.86	1.09	-4.51	1.45	2884.80	-1474.96	1451.02	-41.18	2048.22
		52	18.55	1.43	-4.93	1.09	-4.58	1.45	2853.79	-1413.95	1454.23	-14.39	2003.54
		53	18.48	3.38	-4.61	3.11	-4.34	1.45	2790.17	-1469.63	1347.71	-27.17	2015.91
		51	18.85	3.39	-4.54	3.12	-4.27	1.45	2821.26	-1530.72	1344.50	-53.96	2060.59
36	22	50	7.70	-1.87	-5.14	-4.87	-2.15	-0.91	1176.32	-585.58	601.98	-11.24	825.87
		52	7.52	-2.15	-5.20	-4.90	-2.45	-0.91	1159.81	-558.65	603.10	-1.94	804.22
		53	7.43	-1.19	-3.01	-2.09	-2.11	-0.91	1127.22	-583.90	551.46	-8.13	808.51
		51	7.61	-1.01	-2.84	-2.05	-1.81	-0.91	1143.82	-610.92	550.34	-17.44	830.17
36	25	50	7.30	-1.66	-4.73	-4.44	-1.95	-0.90	1119.08	-552.50	575.27	-8.69	783.13
		52	7.13	-1.90	-4.78	-4.47	-2.22	-0.90	1103.08	-526.55	576.34	0.20	762.19
		53	7.05	-1.02	-2.82	-1.92	-1.91	-0.90	1071.50	-550.87	526.42	-5.79	766.30
		51	7.22	-0.86	-2.67	-1.89	-1.64	-0.90	1087.59	-576.92	525.35	-14.68	787.23
37	6	52	11.16	-2.92	-5.47	-4.78	-3.61	-1.13	1837.02	-684.99	1131.92	20.11	1131.85
		54	10.73	-3.14	-5.58	-4.81	-3.91	-1.13	1791.57	-624.99	1133.48	33.11	1075.75
		55	10.44	-1.70	-4.28	-2.37	-3.61	-1.13	1696.46	-679.72	999.69	17.05	1081.75
		53	10.88	-1.60	-4.06	-2.34	-3.32	-1.13	1742.77	-740.58	998.13	4.06	1137.85
37	19	52	18.53	0.17	-4.93	-0.04	-4.72	1.02	3057.98	-1149.73	1872.45	35.80	1892.85
		54	17.85	0.18	-4.89	-0.03	-4.68	1.02	2988.43	-1050.68	1875.61	62.15	1804.56
		55	17.49	1.49	-4.69	1.32	-4.52	1.02	2841.77	-1139.80	1665.09	36.88	1816.72
		53	18.18	1.48	-4.73	1.31	-4.56	1.02	2912.49	-1240.03	1661.92	10.53	1905.01
37	22	52	7.44	-1.72	-3.40	-2.91	-2.21	-0.77	1229.38	-452.92	759.61	16.85	754.73
		54	7.16	-1.84	-3.47	-2.93	-2.38	-0.77	1198.46	-412.50	760.63	25.34	716.68
		55	6.96	-1.03	-2.71	-1.53	-2.21	-0.77	1133.82	-449.45	669.92	14.45	720.60
		53	7.26	-0.97	-2.59	-1.51	-2.04	-0.77	1165.33	-490.47	668.90	5.96	758.65
37	25	52	7.05	-1.50	-3.04	-2.55	-1.99	-0.72	1166.23	-427.26	721.37	17.60	714.83
		54	6.78	-1.60	-3.10	-2.57	-2.13	-0.72	1136.72	-388.81	722.33	25.59	678.56
		55	6.59	-0.90	-2.46	-1.38	-1.98	-0.72	1075.05	-423.97	635.86	15.21	682.25
		53	6.87	-0.85	-2.36	-1.36	-1.84	-0.72	1105.13	-463.00	634.91	7.23	718.51
38	6	54	10.06	-2.04	-4.12	-2.53	-3.63	-0.88	1729.49	-524.90	1167.41	37.18	975.30
		56	9.57	-2.11	-4.29	-2.55	-3.84	-0.88	1675.15	-457.17	1168.85	49.12	907.33
		57	9.17	-1.12	-4.00	-1.42	-3.71	-0.88	1553.59	-517.14	1006.77	29.68	912.85
		55	9.68	-1.07	-3.81	-1.39	-3.49	-0.88	1609.65	-586.58	1005.34	17.73	980.82
38	19	54	16.85	-0.54	-4.92	-0.70	-4.76	0.82	2897.58	-885.67	1941.82	70.09	1643.90
		56	16.05	-0.54	-4.91	-0.70	-4.75	0.82	2810.64	-771.61	1944.72	94.30	1533.66
		57	15.48	0.59	-4.74	0.46	-4.61	0.82	2616.41	-871.79	1681.86	62.76	1544.84
		55	16.30	0.59	-4.75	0.46	-4.62	0.82	2705.92	-988.41	1678.96	38.55	1655.08
38	22	54	6.69	-1.15	-2.49	-1.44	-2.20	-0.56	1153.55	-346.61	779.36	27.58	649.10
		56	6.37	-1.18	-2.59	-1.45	-2.32	-0.56	1117.10	-301.43	780.30	35.38	603.60
		57	6.10	-0.68	-2.44	-0.88	-2.25	-0.56	1035.65	-341.49	671.80	22.36	607.20
		55	6.44	-0.66	-2.34	-0.87	-2.13	-0.56	1073.26	-387.83	670.87	14.56	652.70
38	25	54	6.33	-0.96	-2.21	-1.21	-1.96	-0.50	1092.86	-326.73	738.59	27.54	614.34
		56	6.03	-0.99	-2.29	-1.22	-2.06	-0.50	1058.27	-283.93	739.47	34.87	571.19
		57	5.78	-0.60	-2.19	-0.77	-2.01	-0.50	981.03	-321.91	636.59	22.53	574.58
		55	6.10	-0.57	-2.10	-0.76	-1.91	-0.50	1016.72	-365.81	635.71	15.19	617.72
39	6	56	8.51	-0.89	-3.77	-1.00	-3.66	-0.56	1506.18	-392.67	1075.58	37.93	795.13
		58	8.03	-0.90	-3.88	-1.01	-3.78	-0.56	1452.69	-323.21	1077.29	52.19	725.09
		59	7.60	-0.44	-3.81	-0.54	-3.72	-0.56	1324.50	-382.09	910.27	32.15	731.67
		57	8.11	-0.43	-3.70	-0.52	-3.60	-0.56	1380.32	-453.87	908.56	17.89	801.71
39	19	56	14.38	-1.05	-4.96	-1.20	-4.81	0.75	2537.83	-663.75	1797.45	76.63	1349.90
		58	13.58	-1.04	-4.92	-1.19	-4.77	0.75	2450.19	-544.71	1800.82	104.66	1234.14
		59	12.92	0.25	-4.72	0.13	-4.61	0.75	2241.50	-645.16	1524.80	71.54	1247.08

		57	13.77	0.24	-4.77	0.13	-4.65	0.75	2332.76	-767.82	1521.43	43.51	1362.84
39	22	56	5.66	-0.44	-2.26	-0.51	-2.20	-0.33	1003.23	-258.78	716.70	27.75	528.67
		58	5.34	-0.45	-2.33	-0.51	-2.27	-0.33	967.56	-212.59	717.83	37.15	482.03
		59	5.05	-0.26	-2.30	-0.31	-2.24	-0.33	882.20	-251.78	606.62	23.80	486.37
		57	5.39	-0.25	-2.24	-0.31	-2.18	-0.33	919.41	-299.52	605.49	14.40	533.01
39	25	56	5.35	-0.33	-2.01	-0.38	-1.96	-0.29	950.02	-243.67	678.76	27.59	500.22
		58	5.05	-0.34	-2.06	-0.39	-2.01	-0.29	916.27	-199.96	679.83	36.48	456.08
		59	4.78	-0.21	-2.04	-0.26	-2.00	-0.29	835.51	-237.06	574.60	23.85	460.19
		57	5.10	-0.21	-1.99	-0.25	-1.95	-0.29	870.73	-282.24	573.53	14.96	504.32
40	6	58	6.78	-0.20	-3.70	-0.22	-3.68	-0.23	1217.38	-283.27	902.86	31.26	610.79
		60	6.33	-0.20	-3.70	-0.22	-3.69	-0.23	1169.39	-211.01	905.46	52.92	542.83
		61	5.91	0.10	-3.66	0.08	-3.65	-0.23	1045.43	-268.54	743.41	33.47	552.83
		59	6.40	0.10	-3.66	0.08	-3.64	-0.23	1096.20	-343.58	740.81	11.81	620.79
40	19	58	11.48	-1.45	-4.95	-1.59	-4.81	0.67	2061.84	-476.28	1515.18	70.39	1043.39
		60	10.70	-1.43	-4.82	-1.57	-4.69	0.67	1981.38	-350.40	1520.04	110.93	928.93
		61	10.05	0.13	-4.59	0.04	-4.49	0.67	1776.03	-450.74	1247.11	78.18	947.64
		59	10.89	0.12	-4.72	0.02	-4.62	0.67	1860.94	-581.06	1242.25	37.63	1062.10
40	22	58	4.51	-0.06	-2.22	-0.07	-2.21	-0.12	810.54	-186.19	601.20	23.15	406.00
		60	4.21	-0.06	-2.21	-0.07	-2.21	-0.12	778.67	-138.13	602.94	37.60	360.87
		61	3.93	0.08	-2.20	0.07	-2.19	-0.12	696.44	-176.41	495.34	24.69	367.54
		59	4.25	0.08	-2.20	0.07	-2.20	-0.12	730.15	-226.31	493.60	10.24	412.67
40	25	58	4.27	-0.01	-1.97	-0.02	-1.97	-0.10	767.53	-175.05	569.27	23.21	384.15
		60	3.98	-0.01	-1.96	-0.02	-1.96	-0.10	737.41	-129.54	570.92	36.95	341.49
		61	3.72	0.09	-1.95	0.08	-1.95	-0.10	659.74	-165.79	469.21	24.74	347.83
		59	4.03	0.09	-1.96	0.08	-1.96	-0.10	691.60	-213.03	467.56	11.01	390.49
41	6	60	4.80	-0.04	-3.66	-0.04	-3.66	-2.33e-03	853.02	-206.84	626.71	19.47	434.33
		62	4.34	-0.03	-3.56	-0.03	-3.56	-2.33e-03	825.06	-102.80	634.86	87.40	374.57
		63	4.15	0.38	-3.51	0.38	-3.51	-2.33e-03	738.85	-176.17	492.37	70.30	405.93
		61	4.64	0.37	-3.61	0.37	-3.61	-2.33e-03	767.61	-281.02	484.22	2.37	465.69
41	19	60	8.11	-1.52	-4.74	-1.58	-4.69	0.42	1452.75	-341.62	1055.89	55.23	744.72
		62	7.33	-1.51	-4.63	-1.56	-4.57	0.42	1404.67	-161.43	1070.05	173.19	641.94
		63	7.03	0.09	-4.42	0.05	-4.38	0.42	1259.60	-290.85	824.97	143.78	696.40
		61	7.88	0.07	-4.53	0.03	-4.49	0.42	1308.68	-472.04	810.81	25.82	799.18
41	22	60	3.19	2.22e-03	-2.20	2.16e-03	-2.20	0.01	568.03	-135.57	417.16	15.31	288.78
		62	2.88	0.01	-2.13	0.01	-2.13	0.01	549.53	-66.27	422.60	60.66	249.11
		63	2.76	0.25	-2.10	0.25	-2.10	0.01	492.53	-115.22	328.01	49.31	270.04
		61	3.08	0.24	-2.17	0.24	-2.17	0.01	511.54	-185.02	322.56	3.96	309.71
41	25	60	3.01	0.02	-1.95	0.02	-1.95	0.02	538.01	-127.21	394.96	15.83	273.30
		62	2.73	0.03	-1.89	0.03	-1.89	0.02	520.54	-61.55	400.12	58.87	235.79
		63	2.61	0.23	-1.86	0.23	-1.86	0.02	466.78	-107.98	310.67	48.13	255.65
		61	2.91	0.22	-1.93	0.22	-1.93	0.02	484.71	-174.11	305.50	5.10	293.17
42	6	62	2.21	-0.10	-3.57	-0.10	-3.56	0.03	379.51	-115.06	226.10	38.35	228.77
		64	1.99	-0.09	-3.50	-0.09	-3.50	0.03	380.20	-46.70	233.50	100.00	202.74
		65	2.10	0.41	-3.44	0.41	-3.44	0.03	366.54	-102.55	171.45	92.55	231.20
		63	2.32	0.40	-3.50	0.40	-3.50	0.03	363.18	-168.23	164.05	30.90	257.23
42	19	62	3.74	-0.77	-4.48	-0.77	-4.48	0.01	655.23	-181.58	382.92	90.74	392.07
		64	3.39	-0.82	-4.85	-0.82	-4.85	0.01	655.31	-63.46	395.58	196.28	345.29
		65	3.57	0.25	-4.72	0.25	-4.72	0.01	630.71	-163.78	284.04	182.89	394.01
		63	3.94	0.30	-4.35	0.30	-4.35	0.01	625.71	-276.97	271.38	77.35	440.79
42	22	62	1.47	-0.05	-2.14	-0.06	-2.13	0.02	253.32	-74.79	150.52	28.01	152.19
		64	1.32	-0.05	-2.10	-0.05	-2.09	0.02	253.84	-29.23	155.46	69.15	134.80
		65	1.39	0.25	-2.06	0.25	-2.06	0.02	244.89	-66.71	114.00	64.18	153.79
		63	1.54	0.24	-2.10	0.24	-2.10	0.02	242.55	-110.45	109.06	23.04	171.18
42	25	62	1.39	-0.05	-1.89	-0.05	-1.89	0.02	240.29	-69.80	142.53	27.96	144.07
		64	1.25	-0.04	-1.86	-0.04	-1.86	0.02	240.82	-26.63	147.21	66.97	127.56
		65	1.32	0.22	-1.83	0.22	-1.83	0.02	232.40	-62.30	107.84	62.25	145.58
		63	1.46	0.22	-1.86	0.22	-1.86	0.02	230.14	-103.74	103.16	23.23	162.09
43	6	10	15.16	20.72	-6.51	2.40	11.81	12.77	-1135.73	-3439.90	-2918.66	-1656.97	964.02
		47	16.73	12.45	-13.20	0.80	-1.55	12.77	-491.94	-3550.81	-2861.56	-1181.19	1277.99
		66	16.18	7.91	-18.13	-7.65	-2.57	12.77	-19.80	-3184.47	-2112.92	-1091.35	1497.63
		15	14.33	17.67	-12.93	-6.05	10.79	12.77	-647.13	-3090.01	-2170.01	-1567.14	1183.66
43	19	10	24.88	45.38	-5.07	20.70	19.61	25.22	-1677.69	-5637.73	-4722.60	-2592.82	1669.28
		47	27.22	35.34	-18.85	18.15	-1.66	25.22	-740.68	-5784.58	-4637.94	-1887.32	2113.94
		66	26.77	19.79	-30.68	-6.29	-4.59	25.22	-65.48	-5272.27	-3577.67	-1760.09	2439.62
		15	24.11	33.67	-20.74	-3.74	16.67	25.22	-981.19	-5146.73	-3662.33	-2465.59	1994.96
43	22	10	9.78	13.74	-2.84	1.73	9.17	7.41	-734.39	-2226.04	-1868.35	-1092.07	636.87
		47	10.91	7.16	-7.74	0.50	-1.08	7.41	-287.41	-2308.10	-1829.26	-766.25	859.25
		66	10.55	4.83	-10.14	-3.73	-1.58	7.41	51.96	-2053.58	-1298.99	-702.62	1009.66
		15	9.21	12.36	-6.19	-2.50	8.66	7.41	-380.91	-1985.62	-1338.09	-1028.44	787.27
43	25	10	9.12	13.08	-1.96	1.80	9.32	6.51	-684.80	-2078.78	-1735.52	-1028.06	600.56
		47	10.23	6.34	-6.78	0.56	-1.00	6.51	-254.06	-2159.85	-1698.06	-715.85	816.59
		66	9.89	4.40	-8.71	-2.90	-1.42	6.51	77.97	-1914.93	-1182.93	-654.03	960.72
		15	8.57	12.00	-4.77	-1.66	8.90	6.51	-337.87	-1848.77	-1220.39	-966.24	744.68
44	6	47	13.12	-0.04	-5.24	-3.24	-2.04	2.53	666.56	-2253.13	-668.55	-918.03	1454.51
		49	13.32	-2.31	-8.10	-3.79	-6.62	2.53	922.01	-2104.97	-625.30	-557.65	1513.11
		67	14.62	-0.85	-7.56	-2.00	-6.41	2.53	1166.48	-2192.92	-485.56	-540.88	1679.47
		66	14.41	0.90	-4.17	-1.45	-1.82	2.53	916.50	-2346.56	-528.80	-901.26	1620.87

44	19	47	21.78	16.53	-9.69	9.54	-2.69	11.59	1115.38	-3668.86	-1091.70	-1461.77	2384.95
		49	22.20	14.74	-14.06	8.87	-8.20	11.59	1529.49	-3451.11	-1024.01	-897.61	2489.50
		67	24.26	9.72	-16.15	2.52	-8.96	11.59	1929.12	-3571.53	-774.71	-867.70	2749.93
		66	23.83	11.92	-12.19	3.18	-3.46	11.59	1524.62	-3798.88	-842.41	-1431.86	2645.38
44	22	47	8.75	-0.98	-2.81	-2.37	-1.42	0.78	484.26	-1484.55	-404.95	-595.34	979.79
		49	8.88	-2.41	-4.70	-2.72	-4.39	0.78	654.24	-1383.10	-375.87	-352.99	1018.61
		67	9.77	-0.39	-4.29	-0.55	-4.13	0.78	818.26	-1443.46	-283.31	-341.89	1130.48
		66	9.63	0.24	-1.60	-0.20	-1.16	0.78	651.78	-1548.40	-312.39	-584.23	1091.66
44	25	47	8.29	-1.22	-2.37	-2.24	-1.34	0.35	475.54	-1397.98	-366.39	-556.05	931.94
		49	8.41	-2.50	-4.18	-2.58	-4.10	0.35	636.48	-1300.89	-338.74	-325.67	968.66
		67	9.26	-0.12	-3.84	-0.15	-3.81	0.35	792.31	-1358.66	-251.19	-315.16	1075.01
		66	9.13	0.28	-1.14	0.18	-1.05	0.35	634.64	-1459.01	-278.83	-545.54	1038.29
45	6	49	13.96	-3.54	-6.69	-3.63	-6.60	-0.52	1549.67	-1739.39	261.52	-451.24	1605.45
		51	13.91	-3.94	-9.66	-3.99	-9.61	-0.52	1644.15	-1635.06	282.82	-273.73	1615.82
		68	14.62	-1.70	-9.38	-1.73	-9.34	-0.52	1740.60	-1703.82	307.54	-270.76	1697.76
		67	14.66	-1.32	-6.39	-1.37	-6.33	-0.52	1645.88	-1807.91	286.24	-448.27	1687.39
45	19	49	23.37	8.95	-11.79	5.73	-8.57	7.51	2559.75	-2843.83	438.08	-722.16	2638.77
		51	23.42	8.20	-14.49	5.36	-11.65	7.51	2740.20	-2677.08	475.28	-412.15	2672.05
		68	24.65	4.71	-15.48	1.36	-12.13	7.51	2931.55	-2779.56	554.62	-402.63	2815.16
		67	24.60	5.58	-12.91	1.73	-9.05	7.51	2751.45	-2946.67	517.42	-712.64	2781.88
45	22	49	9.42	-2.20	-4.74	-2.57	-4.37	-0.89	1063.78	-1149.28	198.57	-284.06	1079.90
		51	9.36	-2.56	-6.34	-2.78	-6.12	-0.89	1121.66	-1078.14	212.39	-168.86	1083.26
		68	9.81	-0.64	-6.03	-0.80	-5.88	-0.89	1179.15	-1126.65	220.40	-167.90	1136.43
		67	9.86	-0.37	-4.34	-0.59	-4.13	-0.89	1120.97	-1197.49	206.58	-283.10	1133.07
45	25	49	8.97	-1.91	-4.60	-2.43	-4.08	-1.06	1020.42	-1083.56	198.11	-261.25	1026.61
		51	8.90	-2.27	-5.95	-2.61	-5.61	-1.06	1073.14	-1015.56	211.04	-153.46	1028.32
		68	9.31	-0.34	-5.59	-0.57	-5.37	-1.06	1124.75	-1062.60	215.12	-152.97	1078.08
		67	9.37	-0.08	-4.14	-0.38	-3.84	-1.06	1071.69	-1130.26	202.19	-260.76	1076.37
46	6	51	14.41	-3.24	-10.19	-3.84	-9.59	-1.96	1969.29	-1394.00	788.36	-213.07	1605.37
		53	13.78	-3.45	-11.24	-3.98	-10.71	-1.96	1934.04	-1275.84	797.24	-139.05	1535.15
		69	13.83	-1.11	-10.83	-1.52	-10.42	-1.96	1853.46	-1382.81	629.79	-159.14	1569.32
		68	14.46	-0.92	-9.75	-1.38	-9.30	-1.96	1888.11	-1500.37	620.90	-233.16	1639.54
46	19	51	24.10	3.63	-13.48	2.18	-12.03	4.77	3289.46	-2287.44	1313.59	-311.56	2667.43
		53	23.14	3.47	-14.28	2.08	-12.89	4.77	3251.74	-2089.25	1330.78	-168.29	2563.15
		69	23.35	1.79	-14.63	0.27	-13.10	4.77	3148.09	-2264.09	1082.13	-198.13	2629.29
		68	24.31	1.97	-13.85	0.37	-12.25	4.77	3184.33	-2460.79	1064.93	-341.40	2733.57
46	22	51	9.65	-1.99	-6.67	-2.56	-6.09	-1.54	1327.49	-920.58	536.84	-129.93	1073.46
		53	9.22	-2.11	-7.17	-2.63	-6.65	-1.54	1301.37	-841.15	542.55	-82.34	1024.68
		69	9.24	-0.47	-6.83	-0.87	-6.44	-1.54	1243.75	-913.79	426.25	-96.29	1046.65
		68	9.67	-0.37	-6.31	-0.80	-5.88	-1.54	1269.52	-992.87	420.54	-143.89	1095.43
46	25	51	9.15	-1.76	-6.19	-2.36	-5.58	-1.53	1263.45	-867.63	513.04	-117.22	1017.87
		53	8.74	-1.86	-6.58	-2.42	-6.02	-1.53	1237.72	-792.12	518.38	-72.77	970.93
		69	8.75	-0.31	-6.24	-0.73	-5.82	-1.53	1181.70	-861.47	406.43	-86.20	991.45
		68	9.17	-0.23	-5.83	-0.68	-5.38	-1.53	1207.11	-936.67	401.10	-130.65	1038.39
47	6	53	13.50	-2.59	-11.25	-3.21	-10.62	-2.24	1996.07	-1129.10	983.64	-116.68	1462.53
		55	12.65	-2.68	-11.74	-3.28	-11.15	-2.24	1908.68	-1011.97	986.83	-90.12	1357.42
		70	12.33	-0.83	-11.42	-1.33	-10.92	-2.24	1743.06	-1127.05	736.21	-120.19	1369.68
		69	13.20	-0.75	-10.91	-1.27	-10.39	-2.24	1832.13	-1245.86	733.02	-146.75	1474.79
47	19	53	22.66	1.02	-13.83	0.29	-13.10	3.22	3365.21	-1850.80	1644.99	-130.58	2452.25
		55	21.31	0.95	-14.25	0.23	-13.54	3.22	3233.35	-1649.81	1652.40	-68.86	2284.87
		70	20.87	0.23	-14.38	-0.52	-13.63	3.22	2980.93	-1844.39	1253.29	-116.75	2313.36
		69	22.27	0.30	-13.96	-0.46	-13.19	3.22	3114.65	-2047.24	1245.88	-178.48	2480.74
47	22	53	9.00	-1.58	-7.05	-2.05	-6.58	-1.54	1336.48	-744.72	660.00	-68.24	974.82
		55	8.43	-1.63	-7.27	-2.08	-6.81	-1.54	1277.01	-666.61	661.99	-51.59	903.94
		70	8.21	-0.45	-7.04	-0.83	-6.66	-1.54	1164.94	-743.81	493.00	-71.87	911.63
		69	8.79	-0.41	-6.82	-0.80	-6.43	-1.54	1225.58	-823.10	491.00	-88.52	982.50
47	25	53	8.52	-1.40	-6.41	-1.86	-5.95	-1.44	1268.47	-701.36	626.87	-59.75	923.14
		55	7.98	-1.43	-6.56	-1.88	-6.11	-1.44	1211.75	-627.31	628.72	-44.28	855.74
		70	7.77	-0.37	-6.35	-0.74	-5.98	-1.44	1105.12	-700.67	468.02	-63.57	862.89
		69	8.32	-0.34	-6.19	-0.72	-5.81	-1.44	1162.96	-775.84	466.16	-79.04	930.28
48	6	55	11.86	-1.87	-11.46	-2.30	-11.03	-1.97	1819.52	-916.48	992.48	-89.44	1256.49
		57	10.95	-1.92	-11.75	-2.33	-11.34	-1.97	1712.51	-807.39	992.70	-87.58	1138.30
		71	10.42	-0.57	-11.54	-0.93	-11.17	-1.97	1507.52	-918.05	710.87	-121.40	1139.16
		70	11.37	-0.52	-11.24	-0.90	-10.87	-1.97	1618.38	-1030.99	710.65	-123.26	1257.35
48	19	55	20.03	-0.21	-14.06	-0.62	-13.64	2.36	3092.86	-1493.78	1666.27	-67.20	2123.23
		57	18.55	-0.25	-14.37	-0.66	-13.96	2.36	2922.62	-1303.95	1668.37	-49.69	1930.81
		71	17.76	-0.26	-14.37	-0.67	-13.96	2.36	2599.65	-1494.82	1209.57	-104.75	1938.90
		70	19.31	-0.21	-14.06	-0.63	-13.64	2.36	2775.21	-1689.99	1207.47	-122.25	2131.31
48	22	55	7.89	-1.13	-7.02	-1.42	-6.73	-1.27	1214.88	-603.42	662.94	-51.48	836.03
		57	7.28	-1.15	-7.15	-1.43	-6.87	-1.27	1143.15	-530.72	663.04	-50.61	757.05
		71	6.93	-0.34	-7.02	-0.59	-6.77	-1.27	1006.23	-604.72	474.72	-73.21	757.45
		70	7.56	-0.32	-6.89	-0.57	-6.63	-1.27	1080.54	-680.01	474.61	-74.08	836.43
48	25	55	7.46	-0.99	-6.30	-1.26	-6.04	-1.15	1151.91	-567.64	628.57	-44.30	791.22
		57	6.89	-1.01	-6.39	-1.27	-6.13	-1.15	1083.90	-498.70	628.67	-43.48	716.39
		71	6.55	-0.30	-6.28	-0.53	-6.04	-1.15	954.31	-568.97	450.24	-64.89	716.76
		70	7.15	-0.28	-6.18	-0.52	-5.95	-1.15	1024.77	-640.35	450.14	-65.71	791.60
49	6	57	9.89	-1.24	-11.43	-1.44	-11.23	-1.41	1538.61	-743.49	894.49	-99.37	1027.16

		59	9.03	-1.27	-11.59	-1.46	-11.40	-1.41	1431.85	-641.38	893.99	-103.52	908.74
		72	8.43	-0.18	-11.44	-0.36	-11.27	-1.41	1218.23	-744.01	611.62	-137.40	906.83
		71	9.34	-0.16	-11.28	-0.34	-11.10	-1.41	1330.32	-851.45	612.12	-133.25	1025.25
49	19	57	16.83	-0.71	-14.29	-1.00	-14.00	1.96	2637.83	-1198.83	1507.94	-68.94	1748.82
		59	15.36	-0.73	-14.41	-1.01	-14.13	1.96	2463.57	-1017.46	1508.70	-62.59	1553.11
		72	14.45	-0.07	-14.32	-0.34	-14.05	1.96	2122.45	-1199.01	1042.04	-118.59	1556.04
		71	15.99	-0.05	-14.20	-0.32	-13.92	1.96	2304.42	-1388.08	1041.28	-124.94	1751.75
49	22	57	6.56	-0.74	-6.92	-0.86	-6.80	-0.86	1026.49	-488.33	596.73	-58.57	682.87
		59	5.99	-0.75	-6.99	-0.87	-6.87	-0.86	955.36	-420.26	596.40	-61.30	604.10
		72	5.59	-0.11	-6.90	-0.22	-6.79	-0.86	813.56	-488.81	408.59	-83.84	602.84
		71	6.20	-0.10	-6.83	-0.21	-6.72	-0.86	888.21	-560.41	408.91	-81.11	681.61
49	25	57	6.21	-0.64	-6.18	-0.75	-6.07	-0.77	973.20	-458.64	565.61	-51.05	646.13
		59	5.66	-0.65	-6.22	-0.75	-6.12	-0.77	905.91	-394.06	565.32	-53.47	571.63
		72	5.29	-0.09	-6.15	-0.19	-6.05	-0.77	772.04	-459.14	387.68	-74.79	570.51
		71	5.86	-0.09	-6.10	-0.19	-6.00	-0.77	842.65	-527.04	387.97	-72.37	645.01
50	6	59	7.87	-0.79	-11.37	-0.84	-11.32	-0.71	1203.96	-603.28	724.53	-123.86	797.87
		61	7.09	-0.78	-11.27	-0.82	-11.22	-0.71	1113.25	-504.82	725.37	-116.93	690.78
		73	6.56	0.23	-11.14	0.18	-11.10	-0.71	920.79	-598.35	470.01	-147.57	693.97
		72	7.39	0.21	-11.25	0.17	-11.20	-0.71	1016.96	-702.28	469.18	-154.50	801.06
50	19	59	13.36	-0.88	-14.38	-1.12	-14.14	1.77	2084.41	-954.76	1226.15	-96.50	1368.13
		61	12.01	-0.84	-14.06	-1.08	-13.82	1.77	1933.02	-775.18	1229.17	-71.33	1187.76
		73	11.20	0.30	-13.90	0.07	-13.68	1.77	1622.99	-946.86	799.08	-122.95	1199.37
		72	12.65	0.26	-14.22	0.04	-14.00	1.77	1782.25	-1134.30	796.06	-148.11	1379.75
50	22	59	5.22	-0.46	-6.85	-0.49	-6.82	-0.41	803.62	-395.09	483.39	-74.86	530.40
		61	4.70	-0.45	-6.76	-0.48	-6.74	-0.41	743.42	-329.41	483.98	-69.97	459.38
		73	4.35	0.15	-6.69	0.12	-6.66	-0.41	616.25	-391.91	314.63	-90.29	461.63
		72	4.91	0.14	-6.78	0.11	-6.75	-0.41	680.03	-461.17	314.05	-95.18	532.65
50	25	59	4.93	-0.39	-6.10	-0.41	-6.08	-0.35	762.32	-370.35	458.28	-66.31	501.93
		61	4.44	-0.38	-6.01	-0.40	-5.99	-0.35	705.43	-307.99	458.87	-61.42	434.83
		73	4.11	0.14	-5.94	0.12	-5.92	-0.35	585.63	-367.37	298.87	-80.62	437.09
		72	4.64	0.13	-6.03	0.11	-6.01	-0.35	645.86	-433.09	298.28	-85.51	504.19
51	6	61	5.90	-0.53	-11.19	-0.54	-11.18	-0.13	836.33	-518.19	466.17	-148.04	603.63
		63	5.25	-0.48	-10.77	-0.49	-10.77	-0.13	794.36	-400.22	474.32	-80.18	529.04
		74	5.15	0.46	-10.66	0.45	-10.66	-0.13	692.12	-497.18	296.46	-101.52	560.37
		73	5.82	0.41	-11.07	0.40	-11.07	-0.13	734.41	-615.47	288.32	-169.38	634.96
51	19	61	9.93	-0.94	-13.97	-1.09	-13.82	1.40	1470.44	-801.25	792.87	-123.69	1039.29
		63	8.81	-0.86	-13.40	-1.02	-13.24	1.40	1399.55	-589.34	807.98	2.23	909.18
		74	8.72	0.34	-13.24	0.20	-13.09	1.40	1234.69	-771.94	497.75	-35.00	967.31
		73	9.89	0.27	-13.81	0.13	-13.67	1.40	1304.48	-982.76	482.64	-160.92	1097.42
51	22	61	3.91	-0.31	-6.72	-0.31	-6.72	-0.05	559.28	-338.77	311.20	-90.70	401.55
		63	3.48	-0.28	-6.44	-0.28	-6.44	-0.05	531.77	-259.94	316.70	-44.88	352.16
		74	3.42	0.29	-6.38	0.29	-6.38	-0.05	464.92	-325.00	198.93	-59.01	373.31
		73	3.86	0.25	-6.65	0.25	-6.65	-0.05	492.54	-403.94	193.44	-104.84	422.70
51	25	61	3.69	-0.26	-5.97	-0.26	-5.97	-0.03	531.22	-317.12	295.16	-81.07	380.17
		63	3.28	-0.23	-5.71	-0.23	-5.71	-0.03	505.40	-242.24	300.42	-37.26	333.51
		74	3.23	0.26	-5.65	0.26	-5.65	-0.03	442.78	-304.22	189.17	-50.62	353.73
		73	3.65	0.23	-5.91	0.23	-5.91	-0.03	468.64	-379.14	183.91	-94.42	400.39
52	6	63	3.52	-0.47	-10.77	-0.47	-10.77	0.09	416.06	-389.65	145.99	-119.58	380.34
		65	3.30	-0.42	-10.35	-0.42	-10.35	0.09	433.23	-326.71	154.57	-48.05	366.21
		75	3.54	0.47	-10.24	0.47	-10.24	0.09	442.89	-374.10	120.88	-52.09	399.23
		74	3.74	0.42	-10.66	0.42	-10.66	0.09	424.20	-435.53	112.30	-123.62	413.36
52	19	63	5.82	-0.74	-13.23	-0.77	-13.21	0.56	767.80	-577.62	254.39	-64.20	653.58
		65	5.47	-0.80	-13.73	-0.82	-13.70	0.56	795.90	-464.95	269.47	61.47	621.79
		75	5.89	0.30	-13.59	0.28	-13.57	0.56	806.49	-560.44	193.67	52.38	679.80
		74	6.22	0.36	-13.10	0.34	-13.08	0.56	775.30	-670.01	178.59	-73.30	711.59
52	22	63	2.32	-0.28	-6.44	-0.28	-6.44	0.06	280.31	-253.70	97.76	-71.16	253.29
		65	2.18	-0.25	-6.19	-0.25	-6.19	0.06	292.09	-211.69	103.53	-23.12	243.80
		75	2.34	0.28	-6.12	0.28	-6.12	0.06	298.80	-243.75	80.88	-25.84	265.97
		74	2.47	0.25	-6.38	0.25	-6.38	0.06	285.99	-284.74	75.12	-73.87	275.47
52	25	63	2.19	-0.24	-5.71	-0.24	-5.71	0.07	267.54	-236.79	92.91	-62.17	239.95
		65	2.06	-0.21	-5.49	-0.21	-5.49	0.07	278.87	-196.91	98.40	-16.44	230.86
		75	2.21	0.25	-5.43	0.25	-5.43	0.07	285.32	-227.63	76.73	-19.04	251.97
		74	2.33	0.23	-5.66	0.23	-5.66	0.07	273.01	-266.53	71.24	-64.77	261.06
53	6	15	13.66	22.43	-6.27	-4.83	20.99	6.28	-75.64	-2745.78	-2071.90	-749.52	1159.84
		66	16.25	1.65	-11.90	-7.66	-2.59	6.28	148.14	-3165.77	-2092.92	-924.71	1550.59
		76	13.82	1.29	-12.57	-8.58	-2.70	6.28	492.94	-2467.05	-1161.21	-812.90	1469.71
		20	10.70	22.28	-7.16	-5.75	20.88	6.28	218.89	-1996.79	-1140.19	-637.71	1078.97
53	19	15	22.69	33.75	-9.30	-2.51	26.96	15.69	-102.35	-4533.22	-3502.43	-1133.14	1872.10
		66	26.95	9.71	-21.69	-6.41	-5.57	15.69	250.23	-5224.33	-3538.70	-1435.40	2527.20
		76	22.80	6.42	-25.63	-12.86	-6.34	15.69	803.00	-4027.61	-1976.65	-1247.96	2387.67
		20	17.66	32.17	-14.94	-8.96	26.19	15.69	359.50	-3245.57	-1940.37	-945.69	1732.56
53	22	15	8.92	16.40	-2.43	-1.66	15.64	3.72	6.08	-1773.09	-1273.86	-493.14	799.36
		66	10.62	1.45	-6.38	-3.69	-1.25	3.72	163.11	-2040.91	-1285.73	-592.07	1046.01
		76	9.24	0.84	-7.51	-5.23	-1.43	3.72	394.66	-1613.76	-697.61	-521.49	1000.34
		20	7.23	16.17	-3.92	-3.20	15.45	3.72	210.94	-1319.25	-685.74	-422.57	753.70
53	25	15	8.37	16.20	-1.50	-0.86	15.56	3.30	31.37	-1655.77	-1160.15	-464.24	768.46
		66	9.98	1.55	-5.32	-2.84	-0.92	3.30	182.96	-1902.98	-1170.40	-549.62	995.72

		76	8.77	0.80	-6.71	-4.76	-1.15	3.30	402.45	-1515.56	-628.52	-484.60	956.30
		20	6.90	15.91	-3.36	-2.78	15.33	3.30	228.48	-1245.98	-618.27	-399.22	729.05
54	6	66	14.67	0.63	-3.93	-1.45	-1.85	2.27	1055.92	-2299.34	-508.80	-734.61	1673.82
		67	15.11	-1.94	-11.36	-2.52	-10.77	2.27	1125.66	-2328.95	-504.50	-698.78	1724.57
		77	15.22	-3.61	-11.69	-4.31	-10.99	2.27	1213.72	-2281.47	-383.49	-684.26	1741.11
		76	14.78	-0.30	-5.00	-3.24	-2.06	2.27	1144.57	-2252.45	-387.79	-720.09	1690.36
54	19	66	24.38	13.72	-15.08	3.07	-4.43	13.90	1781.87	-3692.49	-803.45	-1107.17	2732.96
		67	25.23	10.01	-21.99	1.93	-13.91	13.90	1952.50	-3733.75	-789.59	-991.66	2841.33
		77	25.64	2.36	-26.21	-8.67	-15.18	13.90	2156.68	-3648.53	-531.19	-960.65	2894.65
		76	24.78	7.32	-20.55	-7.53	-5.71	13.90	1988.30	-3609.52	-545.05	-1076.17	2786.28
54	22	66	9.84	0.64	-1.63	-0.16	-0.82	1.08	744.99	-1517.78	-299.12	-473.67	1128.01
		67	10.10	-0.70	-7.08	-0.89	-6.89	1.08	787.82	-1533.18	-296.18	-449.17	1157.98
		77	10.18	-2.09	-7.30	-2.33	-7.06	1.08	841.58	-1506.93	-224.74	-440.60	1169.28
		76	9.92	-0.17	-2.42	-1.60	-1.00	1.08	799.10	-1491.88	-227.68	-465.10	1139.32
54	25	66	9.34	0.78	-1.09	0.24	-0.55	0.85	723.13	-1430.56	-266.30	-441.13	1073.29
		67	9.57	-0.33	-6.44	-0.45	-6.32	0.85	762.34	-1443.07	-263.44	-417.29	1100.02
		77	9.66	-1.83	-6.66	-1.98	-6.51	0.85	811.29	-1420.65	-199.71	-409.64	1111.02
		76	9.43	-0.12	-1.91	-1.29	-0.74	0.85	772.40	-1408.45	-202.57	-433.48	1084.30
55	6	67	15.22	-1.86	-10.74	-1.90	-10.70	-0.61	1617.25	-1956.13	267.30	-606.17	1732.49
		68	14.77	-2.39	-15.08	-2.42	-15.05	-0.61	1579.16	-1882.69	271.08	-574.62	1678.48
		78	14.80	-2.54	-15.10	-2.57	-15.07	-0.61	1508.31	-1956.08	142.30	-590.07	1693.05
		77	15.25	-2.00	-10.76	-2.05	-10.72	-0.61	1546.37	-2029.47	138.52	-621.62	1747.06
55	19	67	25.62	6.17	-19.05	1.13	-14.01	10.08	2783.23	-3117.29	502.55	-836.60	2873.27
		68	24.93	5.06	-22.42	0.65	-18.01	10.08	2763.14	-2973.21	515.83	-725.90	2800.17
		78	25.21	-0.89	-24.53	-6.55	-18.87	10.08	2700.09	-3105.39	341.52	-746.82	2851.28
		77	25.90	0.54	-21.47	-6.07	-14.87	10.08	2719.23	-3248.51	328.24	-857.52	2924.38
55	22	67	10.17	-0.83	-6.97	-0.92	-6.89	-0.72	1098.41	-1295.09	193.71	-390.39	1160.57
		68	9.86	-1.17	-9.56	-1.23	-9.49	-0.72	1069.23	-1246.43	195.79	-372.99	1122.36
		78	9.86	-1.30	-9.57	-1.36	-9.51	-0.72	1016.88	-1296.11	104.69	-383.93	1130.39
		77	10.17	-0.96	-6.99	-1.05	-6.91	-0.72	1046.10	-1344.81	102.61	-401.32	1168.60
55	25	67	9.64	-0.58	-6.46	-0.69	-6.35	-0.79	1049.05	-1222.00	189.93	-362.88	1101.37
		68	9.34	-0.88	-8.75	-0.96	-8.67	-0.79	1020.08	-1175.89	191.77	-347.58	1064.35
		78	9.33	-1.07	-8.77	-1.15	-8.69	-0.79	968.67	-1223.34	103.50	-358.18	1071.42
		77	9.64	-0.76	-6.48	-0.88	-6.37	-0.79	997.70	-1269.51	101.67	-373.47	1108.43
56	6	68	14.56	-1.75	-15.33	-2.07	-15.01	-2.05	1738.26	-1690.83	584.44	-537.01	1620.27
		69	13.88	-2.06	-17.53	-2.34	-17.25	-2.05	1641.30	-1621.01	581.53	-561.24	1527.80
		79	13.53	-1.63	-17.47	-1.90	-17.20	-2.05	1475.76	-1702.40	361.06	-587.70	1516.62
		78	14.22	-1.33	-15.27	-1.64	-14.96	-2.05	1574.82	-1774.32	363.96	-563.47	1609.08
56	19	68	24.62	2.07	-20.54	-0.34	-18.13	6.97	3027.74	-2666.26	1026.14	-664.66	2718.58
		69	23.46	1.61	-22.58	-0.61	-20.37	6.97	2888.65	-2525.99	1026.27	-663.61	2572.09
		79	23.04	-2.73	-23.61	-5.40	-20.94	6.97	2649.54	-2678.11	676.96	-705.52	2572.58
		78	24.22	-2.19	-21.65	-5.13	-18.70	6.97	2790.80	-2820.55	676.83	-706.58	2719.07
56	22	68	9.71	-0.96	-9.76	-1.23	-9.50	-1.51	1167.18	-1120.22	395.93	-348.98	1081.36
		69	9.24	-1.14	-10.93	-1.38	-10.69	-1.51	1100.86	-1073.55	393.83	-366.51	1018.57
		79	8.99	-0.87	-10.89	-1.10	-10.65	-1.51	988.05	-1128.41	244.12	-384.48	1010.48
		78	9.49	-0.70	-9.72	-0.96	-9.46	-1.51	1055.83	-1176.55	246.22	-366.94	1073.26
56	25	68	9.20	-0.81	-8.95	-1.08	-8.68	-1.46	1109.52	-1057.04	377.75	-325.27	1024.67
		69	8.74	-0.95	-9.91	-1.20	-9.66	-1.46	1046.24	-1012.56	375.73	-342.05	964.81
		79	8.51	-0.74	-9.88	-0.98	-9.64	-1.46	938.72	-1064.90	233.00	-359.18	957.06
		78	8.99	-0.60	-8.92	-0.86	-8.66	-1.46	1003.42	-1110.80	235.01	-342.40	1016.92
57	6	69	13.27	-1.65	-17.66	-2.09	-17.22	-2.61	1628.32	-1492.40	684.77	-548.85	1433.27
		70	12.53	-1.81	-18.73	-2.22	-18.32	-2.61	1502.50	-1435.39	677.40	-610.29	1320.33
		80	11.91	-1.05	-18.62	-1.44	-18.23	-2.61	1277.44	-1511.95	408.09	-642.60	1291.97
		79	12.68	-0.89	-17.55	-1.31	-17.13	-2.61	1407.82	-1573.52	415.46	-581.17	1404.91
57	19	69	22.39	-0.25	-21.54	-1.34	-20.45	4.68	2864.26	-2318.19	1190.03	-643.96	2423.55
		70	21.07	-0.48	-22.87	-1.50	-21.84	4.68	2664.20	-2201.02	1181.15	-717.97	2239.63
		80	20.15	-3.03	-23.31	-4.18	-22.16	4.68	2317.63	-2345.63	742.60	-770.59	2205.46
		79	21.53	-2.80	-21.99	-4.02	-20.77	4.68	2524.12	-2469.22	751.48	-696.58	2389.38
57	22	69	8.82	-0.99	-11.00	-1.31	-10.68	-1.76	1088.14	-988.31	458.57	-358.74	954.42
		70	8.32	-1.06	-11.51	-1.37	-11.20	-1.76	1004.08	-949.60	453.71	-399.23	878.83
		80	7.91	-0.59	-11.44	-0.88	-11.14	-1.76	853.87	-1001.25	273.48	-420.86	860.14
		79	8.43	-0.51	-10.93	-0.82	-10.62	-1.76	940.98	-1043.01	278.34	-380.37	935.73
57	25	69	8.34	-0.87	-9.97	-1.18	-9.66	-1.64	1032.60	-932.02	435.46	-334.88	903.65
		70	7.86	-0.93	-10.35	-1.23	-10.06	-1.64	953.08	-894.78	430.93	-372.63	831.99
		80	7.47	-0.52	-10.29	-0.81	-10.01	-1.64	811.08	-944.13	260.08	-393.14	814.57
		79	7.97	-0.47	-9.91	-0.76	-9.61	-1.64	893.49	-984.26	264.61	-355.39	886.22
58	6	70	11.66	-1.40	-18.65	-1.79	-18.27	-2.54	1382.86	-1344.37	651.84	-613.35	1208.00
		71	10.97	-1.49	-19.24	-1.86	-18.87	-2.54	1258.42	-1298.85	643.38	-683.82	1092.95
		81	10.27	-0.68	-19.13	-1.04	-18.77	-2.54	1017.47	-1365.16	369.05	-716.73	1060.42
		80	10.98	-0.60	-18.54	-0.97	-18.17	-2.54	1147.71	-1416.48	377.51	-646.27	1175.47
58	19	70	19.52	-1.10	-22.37	-1.61	-21.85	3.27	2463.66	-2051.81	1135.32	-723.47	2057.57
		71	18.26	-1.23	-23.30	-1.73	-22.80	3.27	2257.65	-1954.25	1123.70	-820.31	1868.22
		81	17.17	-2.52	-23.49	-3.05	-22.96	3.27	1879.59	-2081.87	672.21	-874.49	1823.52
		80	18.49	-2.39	-22.56	-2.93	-22.01	3.27	2094.49	-2188.31	683.83	-777.65	2012.87
58	22	70	7.73	-0.86	-11.43	-1.12	-11.17	-1.64	922.97	-889.08	435.33	-401.44	803.64
		71	7.27	-0.89	-11.71	-1.15	-11.45	-1.64	840.39	-857.63	429.85	-447.08	727.02
		81	6.81	-0.39	-11.64	-0.63	-11.39	-1.64	680.66	-902.50	247.17	-469.01	705.95

		80	7.29	-0.35	-11.36	-0.60	-11.11	-1.64	767.09	-937.80	252.65	-423.36	782.57
58	25	70	7.31	-0.76	-10.27	-1.01	-10.03	-1.50	875.78	-837.51	413.05	-374.78	760.70
		71	6.87	-0.79	-10.48	-1.03	-10.24	-1.50	797.82	-806.94	407.97	-417.09	688.21
		81	6.43	-0.35	-10.41	-0.58	-10.18	-1.50	647.21	-849.92	235.12	-437.83	668.68
		80	6.89	-0.32	-10.21	-0.55	-9.98	-1.50	728.79	-884.12	240.20	-395.52	741.17
59	6	71	10.01	-1.02	-19.05	-1.27	-18.80	-2.09	1083.41	-1234.44	544.63	-695.67	979.04
		72	9.43	-1.08	-19.49	-1.32	-19.25	-2.09	976.91	-1193.57	537.60	-754.27	872.08
		82	8.78	-0.27	-19.38	-0.51	-19.15	-2.09	748.29	-1250.62	282.55	-784.87	845.02
		81	9.38	-0.22	-18.94	-0.45	-18.70	-2.09	860.67	-1297.36	289.58	-726.27	951.99
59	19	71	16.53	-1.10	-23.05	-1.39	-22.76	2.49	1963.32	-1848.41	955.41	-840.50	1681.07
		72	15.42	-1.19	-23.76	-1.47	-23.48	2.49	1782.25	-1758.17	945.68	-921.60	1503.98
		82	14.40	-1.50	-23.80	-1.78	-23.52	2.49	1421.78	-1870.65	523.41	-972.28	1466.54
		81	15.57	-1.41	-23.09	-1.70	-22.80	2.49	1612.27	-1970.30	533.14	-891.17	1643.63
59	22	71	6.63	-0.62	-11.57	-0.77	-11.41	-1.31	723.78	-814.71	364.05	-454.98	651.18
		72	6.24	-0.65	-11.79	-0.80	-11.63	-1.31	653.26	-786.20	359.55	-492.49	580.10
		82	5.81	-0.13	-11.72	-0.28	-11.57	-1.31	502.11	-824.89	190.05	-512.83	562.78
		81	6.22	-0.10	-11.50	-0.25	-11.35	-1.31	576.53	-857.30	194.55	-475.32	633.87
59	25	71	6.26	-0.55	-10.34	-0.69	-10.20	-1.17	687.45	-766.30	345.71	-424.56	616.46
		72	5.88	-0.57	-10.51	-0.71	-10.37	-1.17	620.88	-738.45	341.56	-459.13	549.24
		82	5.48	-0.11	-10.45	-0.24	-10.32	-1.17	478.50	-775.58	181.28	-478.36	533.28
		81	5.87	-0.08	-10.28	-0.22	-10.14	-1.17	548.74	-807.11	185.43	-443.80	600.50
60	6	72	8.49	-0.70	-19.27	-0.79	-19.18	-1.26	774.93	-1151.13	395.16	-771.36	766.31
		73	8.04	-0.71	-19.29	-0.79	-19.20	-1.26	697.08	-1111.20	391.10	-805.21	678.00
		83	7.56	0.46	-19.14	0.37	-19.06	-1.26	508.24	-1158.21	180.51	-830.48	662.37
		82	8.03	0.46	-19.13	0.38	-19.04	-1.26	590.76	-1202.81	184.58	-796.63	750.69
60	19	72	13.69	-0.85	-23.68	-1.10	-23.43	2.36	1437.64	-1689.06	699.70	-951.12	1327.69
		73	12.76	-0.83	-23.55	-1.08	-23.30	2.36	1302.14	-1597.26	695.01	-990.14	1179.70
		83	12.02	0.17	-23.42	-0.07	-23.18	2.36	1004.61	-1694.96	342.14	-1032.49	1161.69
		82	13.00	0.15	-23.55	-0.09	-23.31	2.36	1147.85	-1794.50	346.82	-993.47	1309.68
60	22	72	5.61	-0.42	-11.64	-0.47	-11.59	-0.75	519.17	-757.99	265.01	-503.83	509.91
		73	5.30	-0.41	-11.61	-0.46	-11.55	-0.75	467.71	-730.28	262.46	-525.03	451.40
		83	4.98	0.33	-11.51	0.29	-11.46	-0.75	343.29	-762.12	122.95	-541.77	441.61
		82	5.31	0.33	-11.55	0.28	-11.50	-0.75	397.83	-792.92	125.49	-520.58	500.12
60	25	72	5.29	-0.37	-10.38	-0.41	-10.34	-0.66	494.09	-711.79	252.16	-469.86	482.92
		73	4.99	-0.36	-10.32	-0.40	-10.28	-0.66	445.54	-684.78	249.85	-489.10	427.66
		83	4.69	0.33	-10.24	0.29	-10.20	-0.66	328.51	-715.33	118.09	-504.91	418.77
		82	5.00	0.32	-10.30	0.28	-10.26	-0.66	379.98	-745.25	120.40	-485.67	474.03
61	6	73	7.37	-0.57	-19.18	-0.57	-19.17	-0.24	498.46	-1116.07	209.40	-827.02	618.98
		74	7.10	-0.45	-18.18	-0.45	-18.18	-0.24	466.03	-1084.63	209.30	-827.90	576.36
		84	6.93	0.93	-18.01	0.93	-18.01	-0.24	379.63	-1112.06	107.67	-840.09	575.95
		83	7.21	0.81	-19.01	0.81	-19.01	-0.24	413.27	-1144.71	107.77	-839.21	618.57
61	19	73	11.49	-0.75	-23.56	-1.02	-23.29	2.47	962.18	-1611.71	378.58	-1028.11	1077.75
		74	10.89	-0.54	-21.93	-0.83	-21.64	2.47	904.13	-1532.32	380.86	-1009.06	1000.55
		84	10.68	1.13	-21.71	0.86	-21.44	2.47	764.25	-1598.59	196.80	-1031.14	1009.35
		83	11.29	0.92	-23.34	0.66	-23.09	2.47	824.32	-1680.00	194.52	-1050.20	1086.54
61	22	73	4.85	-0.33	-11.54	-0.33	-11.54	-0.11	335.65	-733.96	141.27	-539.57	412.46
		74	4.67	-0.25	-10.88	-0.25	-10.87	-0.11	314.57	-711.99	141.36	-538.79	384.45
		84	4.56	0.61	-10.77	0.61	-10.77	-0.11	258.46	-730.70	74.57	-546.80	384.81
		83	4.75	0.53	-11.44	0.53	-11.44	-0.11	280.32	-753.44	74.47	-547.59	412.83
61	25	73	4.56	-0.29	-10.27	-0.29	-10.27	-0.07	320.52	-688.52	134.90	-502.89	390.96
		74	4.38	-0.21	-9.64	-0.22	-9.64	-0.07	300.79	-667.03	135.08	-501.32	364.58
		84	4.29	0.57	-9.55	0.57	-9.55	-0.07	248.40	-685.09	72.18	-508.87	365.30
		83	4.47	0.50	-10.17	0.50	-10.17	-0.07	268.86	-707.31	71.99	-510.44	391.68
62	6	74	5.98	-0.48	-18.18	-0.48	-18.18	0.15	200.60	-1025.46	25.13	-850.00	429.35
		75	6.02	-0.33	-16.94	-0.33	-16.94	0.15	217.59	-1030.10	26.46	-838.96	449.39
		85	6.13	0.68	-16.82	0.68	-16.81	0.15	262.69	-1021.70	74.22	-833.23	454.48
		84	6.09	0.53	-18.06	0.53	-18.06	0.15	246.01	-1017.38	72.90	-844.27	434.45
62	19	74	8.69	-0.61	-21.71	-0.69	-21.63	1.28	435.76	-1421.42	61.70	-1047.36	744.84
		75	8.72	-0.52	-20.96	-0.60	-20.88	1.28	460.98	-1415.39	65.05	-1019.46	765.60
		85	8.88	0.64	-20.82	0.56	-20.74	1.28	511.86	-1410.82	114.56	-1013.52	778.48
		84	8.85	0.55	-21.56	0.47	-21.49	1.28	486.88	-1417.08	111.21	-1041.42	757.72
62	22	74	3.91	-0.29	-10.88	-0.29	-10.88	0.11	136.56	-672.66	17.55	-553.65	286.61
		75	3.94	-0.19	-10.10	-0.19	-10.10	0.11	148.49	-675.04	18.57	-545.12	300.19
		85	4.02	0.43	-10.03	0.43	-10.03	0.11	179.32	-669.60	50.96	-541.23	304.13
		84	3.99	0.34	-10.81	0.33	-10.80	0.11	167.61	-667.44	49.93	-549.76	290.55
62	25	74	3.66	-0.25	-9.65	-0.25	-9.64	0.11	131.44	-629.75	17.16	-515.47	271.90
		75	3.69	-0.17	-8.94	-0.17	-8.94	0.11	143.04	-631.56	18.21	-506.74	284.80
		85	3.76	0.39	-8.88	0.39	-8.87	0.11	172.46	-626.54	48.97	-503.04	288.83
		84	3.74	0.31	-9.58	0.31	-9.58	0.11	161.08	-624.93	47.92	-511.78	275.93
63	6	20	10.22	9.35	-7.15	-7.13	9.33	0.54	476.08	-1771.83	-1088.53	-207.22	1033.97
		76	12.55	-5.87	-9.06	-8.97	-5.96	0.54	591.24	-2191.79	-1121.19	-479.36	1354.00
		86	10.66	-6.34	-12.55	-12.50	-6.39	0.54	855.52	-1601.40	-358.09	-387.79	1228.37
		25	7.93	8.92	-10.68	-10.67	8.91	0.54	693.84	-1134.92	-325.43	-115.65	908.35
63	19	20	17.14	5.31	-18.11	-12.17	-0.63	10.19	933.44	-2809.77	-1832.19	-44.14	1644.28
		76	21.32	-2.78	-23.19	-13.59	-12.39	10.19	1229.59	-3485.81	-1872.89	-383.33	2236.97
		86	18.35	-8.77	-33.50	-28.14	-14.13	10.19	1747.33	-2420.71	-459.64	-213.74	2080.39
		25	13.49	1.32	-30.43	-26.73	-2.37	10.19	1365.65	-1659.14	-418.94	125.45	1487.70

63	22	20	6.91	7.84	-4.12	-4.12	7.84	-0.19	368.86	-1173.44	-653.20	-151.38	729.19
		76	8.40	-3.19	-5.46	-5.44	-3.21	-0.19	438.37	-1444.75	-674.82	-331.56	925.79
		86	7.27	-3.59	-8.73	-8.73	-3.60	-0.19	602.64	-1084.00	-206.04	-275.31	842.61
		25	5.56	7.45	-7.40	-7.40	7.45	-0.19	507.78	-787.33	-184.42	-95.13	646.01
63	25	20	6.60	8.15	-3.66	-3.64	8.13	-0.45	372.65	-1110.34	-588.30	-149.40	708.28
		76	7.98	-2.56	-5.02	-4.94	-2.65	-0.45	435.02	-1362.72	-608.66	-319.05	887.13
		86	6.97	-3.04	-8.53	-8.50	-3.08	-0.45	584.91	-1034.98	-182.19	-267.88	808.81
		25	5.41	7.72	-7.22	-7.20	7.70	-0.45	500.73	-760.79	-161.83	-98.23	629.96
64	6	76	13.51	-3.61	-5.34	-3.63	-5.32	0.19	1207.61	-1941.93	-347.77	-386.55	1574.65
		77	14.64	-4.84	-15.49	-4.85	-15.49	0.19	1103.26	-2259.82	-393.01	-763.56	1671.30
		87	13.23	-8.36	-15.91	-8.36	-15.91	0.19	1075.23	-1973.69	-162.56	-735.90	1497.26
		86	12.01	-5.72	-7.17	-7.14	-5.74	0.19	1167.71	-1643.92	-117.32	-358.90	1400.61
64	19	76	23.07	2.57	-22.57	-8.25	-11.75	12.45	2311.68	-2964.51	-441.30	-211.54	2635.59
		77	24.84	-1.07	-28.20	-9.25	-20.02	12.45	2213.78	-3438.89	-502.61	-722.50	2824.20
		87	22.85	-9.11	-34.02	-21.62	-21.50	12.45	2245.86	-2967.27	-52.88	-668.53	2588.32
		86	21.00	-3.94	-29.92	-20.63	-13.23	12.45	2326.58	-2475.71	8.44	-157.57	2399.71
64	22	76	9.12	-1.80	-2.78	-1.81	-2.77	-0.09	825.32	-1305.38	-204.89	-275.17	1064.77
		77	9.83	-2.64	-9.66	-2.64	-9.66	-0.09	751.26	-1511.29	-234.89	-525.15	1121.93
		87	8.90	-5.75	-10.04	-5.75	-10.04	-0.09	723.52	-1330.91	-98.59	-508.80	1006.53
		86	8.14	-3.14	-4.93	-4.92	-3.15	-0.09	790.42	-1117.82	-68.59	-258.82	949.37
64	25	76	8.69	-1.43	-2.27	-1.47	-2.23	-0.17	790.69	-1241.34	-182.71	-267.94	1015.12
		77	9.34	-2.25	-8.77	-2.25	-8.77	-0.17	719.04	-1433.19	-210.94	-503.21	1066.15
		87	8.47	-5.57	-9.18	-5.58	-9.17	-0.17	689.19	-1267.08	-89.28	-488.61	957.54
		86	7.78	-2.62	-4.81	-4.80	-2.63	-0.17	754.41	-1068.79	-61.05	-253.34	906.52
65	6	77	14.76	-2.44	-15.36	-2.59	-15.21	-1.37	1441.86	-2013.77	129.00	-700.92	1677.24
		78	14.91	-3.14	-20.79	-3.24	-20.68	-1.37	1251.22	-2189.95	89.70	-1028.43	1627.23
		88	13.64	-5.39	-21.07	-5.51	-20.95	-1.37	1024.40	-2096.70	-29.57	-1042.74	1476.04
		87	13.46	-4.68	-15.66	-4.85	-15.49	-1.37	1215.77	-1921.26	9.73	-715.23	1526.06
65	19	77	25.12	-1.29	-25.06	-6.65	-19.70	9.93	2764.09	-3026.64	356.82	-619.37	2853.93
		78	24.89	-2.61	-28.77	-7.19	-24.20	9.93	2463.58	-3242.19	301.52	-1080.13	2767.98
		88	23.00	-10.10	-31.81	-16.57	-25.33	9.93	2120.85	-3128.99	96.58	-1104.72	2555.27
		87	23.23	-8.21	-28.65	-16.04	-20.83	9.93	2424.99	-2917.08	151.87	-643.96	2641.23
65	22	77	9.89	-1.24	-9.63	-1.36	-9.51	-1.01	961.22	-1354.63	92.46	-485.87	1121.24
		78	9.99	-1.68	-12.97	-1.77	-12.88	-1.01	835.19	-1470.47	66.55	-701.83	1086.93
		88	9.14	-3.61	-13.22	-3.72	-13.12	-1.01	683.38	-1410.30	-15.27	-711.64	987.24
		87	9.03	-3.16	-9.90	-3.31	-9.74	-1.01	809.93	-1294.98	10.64	-495.69	1021.55
65	25	77	9.39	-1.02	-8.76	-1.15	-8.64	-0.97	911.18	-1287.78	90.44	-467.04	1063.56
		78	9.47	-1.42	-11.78	-1.51	-11.68	-0.97	792.70	-1396.15	66.14	-669.58	1030.75
		88	8.68	-3.48	-12.05	-3.59	-11.93	-0.97	649.26	-1340.33	-12.09	-678.97	937.25
		87	8.58	-3.06	-9.05	-3.23	-8.89	-0.97	768.24	-1232.46	12.21	-476.43	970.06
66	6	78	14.44	-1.97	-20.91	-2.31	-20.57	-2.53	1331.90	-2022.36	311.36	-1001.83	1543.26
		79	14.38	-2.39	-24.05	-2.69	-23.75	-2.53	1140.18	-2147.47	277.42	-1284.70	1446.41
		89	13.16	-3.33	-24.18	-3.64	-23.87	-2.53	847.94	-2113.86	46.49	-1312.41	1315.83
		88	13.20	-2.90	-21.04	-3.26	-20.68	-2.53	1043.23	-1992.33	80.44	-1029.54	1412.67
66	19	78	23.97	-3.53	-26.27	-5.77	-24.03	6.78	2564.36	-2967.42	636.84	-1039.89	2635.77
		79	23.37	-4.25	-29.66	-6.21	-27.70	6.78	2238.76	-3113.86	586.26	-1461.36	2472.74
		89	21.43	-9.44	-30.81	-11.87	-28.38	6.78	1777.32	-3087.79	197.53	-1508.00	2278.18
		88	22.03	-8.58	-27.56	-11.43	-24.71	6.78	2111.56	-2949.99	248.11	-1086.54	2441.21
66	22	78	9.66	-1.11	-13.09	-1.36	-12.83	-1.73	884.02	-1360.79	208.07	-684.84	1029.80
		79	9.61	-1.35	-14.86	-1.58	-14.63	-1.73	758.20	-1441.23	185.97	-869.00	964.95
		89	8.81	-2.17	-14.97	-2.41	-14.73	-1.73	564.57	-1420.77	31.36	-887.55	879.94
		88	8.84	-1.92	-13.21	-2.19	-12.93	-1.73	692.78	-1342.72	53.45	-703.40	944.78
66	25	78	9.16	-0.97	-11.90	-1.22	-11.65	-1.62	836.96	-1293.12	197.64	-653.80	976.25
		79	9.10	-1.19	-13.41	-1.41	-13.19	-1.62	718.90	-1367.32	177.04	-825.47	914.78
		89	8.36	-2.08	-13.53	-2.31	-13.30	-1.62	536.50	-1349.10	30.46	-843.06	835.53
		88	8.40	-1.86	-12.02	-2.13	-11.76	-1.62	656.84	-1277.18	51.06	-671.39	897.01
67	6	79	13.65	-1.69	-24.09	-2.10	-23.68	-2.98	1085.50	-2031.85	331.82	-1278.17	1334.71
		80	13.63	-1.92	-25.76	-2.30	-25.38	-2.98	918.11	-2139.20	302.39	-1523.48	1226.10
		90	12.53	-2.18	-25.79	-2.56	-25.41	-2.98	614.41	-2125.55	43.42	-1554.55	1112.86
		89	12.52	-1.95	-24.12	-2.35	-23.71	-2.98	785.21	-2021.60	72.86	-1309.25	1221.47
67	19	79	21.97	-3.92	-28.44	-4.83	-27.53	4.64	2125.77	-2917.41	660.78	-1452.41	2289.54
		80	21.46	-4.28	-30.77	-5.11	-29.93	4.64	1829.08	-3042.78	615.56	-1829.26	2107.01
		90	19.62	-7.62	-31.29	-8.56	-30.34	4.64	1340.16	-3041.35	180.30	-1881.49	1933.04
		89	20.12	-7.24	-28.99	-8.28	-27.95	4.64	1646.06	-2925.18	225.53	-1504.65	2115.58
67	22	79	9.12	-1.00	-14.89	-1.29	-14.60	-1.99	720.16	-1364.85	220.20	-864.89	890.20
		80	9.09	-1.13	-15.78	-1.40	-15.50	-1.99	610.55	-1432.59	201.19	-1023.24	817.80
		90	8.37	-1.33	-15.81	-1.61	-15.53	-1.99	409.98	-1425.39	28.55	-1043.95	744.70
		89	8.38	-1.21	-14.92	-1.50	-14.62	-1.99	521.90	-1359.96	47.55	-885.61	817.11
67	25	79	8.64	-0.90	-13.44	-1.19	-13.16	-1.86	682.24	-1295.26	208.66	-821.67	843.94
		80	8.60	-1.01	-14.18	-1.28	-13.91	-1.86	579.37	-1357.08	191.01	-968.72	775.38
		90	7.93	-1.24	-14.21	-1.52	-13.94	-1.86	390.54	-1351.35	27.53	-988.34	707.49
		89	7.95	-1.14	-13.48	-1.43	-13.19	-1.86	495.65	-1291.77	45.18	-841.29	776.05
68	6	80	12.86	-1.45	-25.70	-1.83	-25.32	-2.99	800.71	-2056.06	271.80	-1527.15	1109.61
		81	12.94	-1.57	-26.62	-1.94	-26.25	-2.99	668.16	-2152.50	247.27	-1731.60	1005.01
		91	12.03	-1.50	-26.60	-1.86	-26.24	-2.99	384.30	-2147.97	-2.14	-1761.53	910.63
		90	11.91	-1.37	-25.69	-1.75	-25.31	-2.99	518.88	-2053.56	22.39	-1557.08	1015.22
68	19	80	19.96	-3.48	-30.17	-3.87	-29.78	3.19	1617.83	-2897.35	556.79	-1836.31	1914.41

		81	19.68	-3.69	-31.73	-4.05	-31.36	3.19	1374.25	-3013.41	518.26	-2157.43	1738.70
		91	18.09	-5.78	-32.01	-6.17	-31.61	3.19	910.51	-3018.93	99.28	-2207.70	1590.46
		90	18.35	-5.56	-30.45	-5.98	-30.03	3.19	1161.27	-2910.05	137.81	-1886.59	1766.18
68	22	80	8.57	-0.86	-15.73	-1.12	-15.47	-1.95	532.09	-1377.46	180.36	-1025.74	740.22
		81	8.61	-0.93	-16.20	-1.18	-15.95	-1.95	445.27	-1437.58	164.62	-1156.92	670.57
		91	8.01	-0.84	-16.19	-1.09	-15.94	-1.95	257.89	-1436.21	-1.47	-1176.85	610.01
		90	7.96	-0.77	-15.72	-1.03	-15.46	-1.95	346.17	-1377.56	14.27	-1045.67	679.66
68	25	80	8.11	-0.77	-14.13	-1.02	-13.88	-1.81	504.97	-1304.95	171.13	-971.11	701.98
		81	8.13	-0.83	-14.51	-1.07	-14.27	-1.81	423.39	-1359.45	156.55	-1092.61	636.03
		91	7.58	-0.74	-14.50	-0.98	-14.26	-1.81	246.89	-1359.08	-0.71	-1111.48	579.94
		90	7.54	-0.69	-14.12	-0.93	-13.87	-1.81	329.93	-1306.04	13.87	-989.98	645.89
69	6	81	12.24	-1.05	-26.48	-1.35	-26.18	-2.74	522.85	-2096.20	167.80	-1741.14	896.57
		82	12.40	-1.14	-27.17	-1.43	-26.88	-2.74	428.34	-2177.46	148.96	-1898.08	806.19
		92	11.72	-0.98	-27.15	-1.27	-26.86	-2.74	188.34	-2178.82	-66.54	-1923.94	733.74
		91	11.53	-0.89	-26.46	-1.19	-26.16	-2.74	283.52	-2098.22	-47.71	-1767.00	824.12
69	19	81	18.29	-2.54	-31.36	-2.70	-31.20	2.16	1117.42	-2912.34	379.19	-2174.11	1558.82
		82	18.23	-2.70	-32.62	-2.86	-32.47	2.16	938.23	-3013.23	349.18	-2424.18	1407.34
		92	17.02	-3.98	-32.78	-4.14	-32.62	2.16	542.48	-3022.01	-12.01	-2467.53	1291.90
		91	17.04	-3.82	-31.52	-3.99	-31.35	2.16	725.83	-2925.28	18.00	-2217.46	1443.38
69	22	81	8.14	-0.60	-16.10	-0.80	-15.90	-1.74	348.88	-1400.11	112.00	-1163.24	598.48
		82	8.22	-0.65	-16.47	-0.84	-16.27	-1.74	286.88	-1450.20	99.99	-1263.32	538.25
		92	7.78	-0.48	-16.45	-0.67	-16.25	-1.74	128.23	-1452.41	-43.63	-1280.55	492.05
		91	7.68	-0.43	-16.08	-0.63	-15.88	-1.74	190.81	-1402.91	-31.62	-1180.47	552.28
69	25	81	7.69	-0.52	-14.41	-0.71	-14.22	-1.59	332.22	-1323.94	106.86	-1098.57	567.85
		82	7.76	-0.56	-14.71	-0.75	-14.53	-1.59	273.87	-1369.07	95.77	-1190.97	510.78
		92	7.34	-0.39	-14.69	-0.57	-14.51	-1.59	124.26	-1371.87	-40.31	-1207.30	468.13
		91	7.26	-0.35	-14.38	-0.53	-14.20	-1.59	183.25	-1327.38	-29.23	-1114.90	525.20
70	6	82	11.83	-0.36	-26.96	-0.55	-26.77	-2.23	282.17	-2141.02	50.99	-1909.84	711.86
		83	11.99	-0.48	-27.92	-0.67	-27.74	-2.23	220.84	-2197.46	38.37	-2014.99	638.73
		93	11.53	-0.35	-27.91	-0.53	-27.72	-2.23	32.41	-2204.32	-136.00	-2035.91	590.19
		92	11.36	-0.23	-26.94	-0.42	-26.75	-2.23	93.93	-2148.08	-123.38	-1930.77	663.32
70	19	82	17.08	-1.08	-32.35	-1.16	-32.26	1.62	673.89	-2946.67	172.59	-2445.37	1250.48
		83	17.12	-1.27	-33.88	-1.35	-33.80	1.62	555.17	-3015.25	152.53	-2612.60	1129.38
		93	16.30	-1.88	-33.96	-1.97	-33.88	1.62	246.37	-3029.85	-136.22	-2647.25	1052.18
		92	16.24	-1.69	-32.42	-1.78	-32.34	1.62	367.31	-2963.49	-116.16	-2480.02	1173.28
70	22	82	7.85	-0.16	-16.32	-0.28	-16.21	-1.37	190.22	-1425.85	35.43	-1271.06	475.59
		83	7.93	-0.23	-16.87	-0.35	-16.76	-1.37	149.95	-1460.04	27.45	-1337.55	426.87
		93	7.64	-0.08	-16.85	-0.19	-16.74	-1.37	25.27	-1465.49	-88.73	-1351.49	396.18
		92	7.54	-5.83e-03	-16.30	-0.12	-16.19	-1.37	65.78	-1431.54	-80.75	-1285.01	444.90
70	25	82	7.40	-0.12	-14.57	-0.23	-14.47	-1.23	182.54	-1345.92	34.89	-1198.27	451.53
		83	7.47	-0.18	-15.05	-0.28	-14.95	-1.23	144.60	-1376.40	27.56	-1259.36	405.37
		93	7.19	-2.49e-03	-15.03	-0.10	-14.93	-1.23	26.95	-1382.04	-82.51	-1272.57	377.17
		92	7.11	0.06	-14.55	-0.05	-14.45	-1.23	65.19	-1351.85	-75.18	-1211.48	423.33
71	6	83	11.74	-0.22	-27.70	-0.23	-27.69	-0.65	129.97	-2188.06	-34.37	-2023.71	594.93
		84	11.96	-0.08	-26.56	-0.09	-26.54	-0.65	93.49	-2255.10	-45.46	-2116.15	554.11
		94	11.68	1.60	-26.35	1.59	-26.34	-0.65	-18.78	-2251.85	-142.80	-2127.83	511.44
		93	11.45	1.47	-27.50	1.45	-27.49	-0.65	16.90	-2184.01	-131.71	-2035.40	552.26
71	19	83	16.56	-0.37	-33.96	-0.61	-33.71	2.86	374.75	-3000.16	4.90	-2630.31	1054.23
		84	16.72	-0.05	-31.46	-0.31	-31.20	2.86	304.32	-3080.73	-11.27	-2765.14	984.22
		94	16.23	2.56	-31.13	2.31	-30.88	2.86	114.91	-3078.28	-178.21	-2785.17	921.99
		93	16.05	2.24	-33.63	2.01	-33.40	2.86	185.03	-2997.41	-162.03	-2650.35	991.99
71	22	83	7.77	-0.10	-16.74	-0.10	-16.73	-0.33	89.57	-1453.95	-21.02	-1343.36	398.08
		84	7.90	2.60e-03	-15.91	-4.20e-03	-15.90	-0.33	65.90	-1495.86	-28.04	-1401.92	371.34
		94	7.72	1.15	-15.77	1.15	-15.76	-0.33	-7.28	-1494.11	-91.82	-1409.57	344.31
		93	7.58	1.05	-16.60	1.05	-16.59	-0.33	15.93	-1451.74	-84.79	-1351.02	371.05
71	25	83	7.31	-0.07	-14.93	-0.07	-14.93	-0.25	87.28	-1370.72	-18.54	-1264.89	378.28
		84	7.43	0.03	-14.11	0.02	-14.10	-0.25	65.13	-1408.82	-25.00	-1318.69	353.15
		94	7.26	1.13	-13.98	1.12	-13.97	-0.25	-3.41	-1407.39	-84.91	-1325.88	328.31
		93	7.14	1.03	-14.80	1.03	-14.79	-0.25	18.35	-1368.89	-78.46	-1272.08	353.44
72	6	84	11.50	-0.47	-26.61	-0.49	-26.59	0.76	0.06	-2200.61	-80.23	-2120.32	412.60
		85	11.85	0.05	-22.33	0.02	-22.31	0.76	6.38	-2290.51	-89.18	-2194.94	458.66
		95	11.96	1.85	-22.12	1.83	-22.09	0.76	99.53	-2260.65	20.64	-2181.76	424.21
		94	11.63	1.34	-26.39	1.31	-26.37	0.76	94.55	-2172.09	29.60	-2107.14	378.16
72	19	84	15.60	-0.42	-31.53	-0.70	-31.24	2.94	90.40	-2962.68	-96.87	-2775.41	732.59
		85	16.06	0.47	-24.77	0.12	-24.42	2.94	101.70	-3085.08	-108.77	-2874.60	791.48
		95	16.16	2.93	-24.44	2.61	-24.12	2.94	212.75	-3038.85	31.65	-2857.75	745.69
		94	15.71	2.06	-31.21	1.80	-30.95	2.94	202.83	-2917.84	43.55	-2758.56	686.80
72	22	84	7.59	-0.26	-15.95	-0.28	-15.93	0.52	1.89	-1459.44	-52.68	-1404.87	277.07
		85	7.82	0.07	-13.23	0.05	-13.21	0.52	6.45	-1518.60	-58.53	-1453.62	308.01
		95	7.89	1.18	-13.09	1.16	-13.07	0.52	69.11	-1498.61	15.26	-1444.77	285.51
		94	7.67	0.85	-15.81	0.84	-15.80	0.52	65.45	-1440.36	21.11	-1396.02	254.56
72	25	84	7.13	-0.22	-14.15	-0.24	-14.14	0.50	3.26	-1374.12	-49.26	-1321.60	263.78
		85	7.34	0.08	-11.65	0.06	-11.63	0.50	7.76	-1429.63	-54.72	-1367.15	293.09
		95	7.41	1.09	-11.52	1.07	-11.50	0.50	67.10	-1410.67	15.18	-1358.76	272.07
		94	7.20	0.79	-14.03	0.77	-14.02	0.50	63.46	-1356.02	20.65	-1313.21	242.75
73	6	25	7.41	3.62	-13.16	-11.50	1.97	-5.00	1006.88	-710.49	-246.42	542.81	762.64
		86	8.89	-8.66	-18.68	-13.41	-13.93	-5.00	720.18	-1304.00	-340.73	-243.10	1010.91

		96	6.11	-11.98	-23.64	-20.80	-14.82	-5.00	721.41	-642.20	251.27	-172.06	648.11
		30	4.52	2.26	-20.08	-18.89	1.08	-5.00	901.46	57.97	345.58	613.85	399.84
73	19	25	14.59	-14.91	-28.60	-28.27	-15.23	2.09	2529.19	-722.31	-193.90	2000.78	1199.54
		86	15.85	-26.05	-30.90	-29.71	-27.24	2.09	2019.35	-1691.06	-352.32	680.61	1781.86
		96	11.44	-29.10	-47.42	-47.18	-29.34	2.09	2117.95	-234.52	1036.20	847.23	1172.43
		30	10.92	-17.18	-45.89	-45.74	-17.33	2.09	2445.74	916.28	1194.62	2167.40	590.11
73	22	25	5.13	3.69	-9.46	-8.02	2.26	-4.10	651.23	-527.53	-141.22	264.92	553.29
		86	6.17	-4.66	-12.92	-9.29	-8.29	-4.10	468.53	-924.07	-203.28	-252.27	695.87
		96	4.40	-7.03	-17.45	-15.45	-9.03	-4.10	451.76	-526.53	136.70	-211.47	457.12
		30	3.20	2.53	-15.19	-14.19	1.52	-4.10	571.29	-66.82	198.76	305.72	314.54
73	25	25	4.97	4.02	-9.35	-7.83	2.50	-4.24	609.71	-528.32	-125.25	206.64	544.28
		86	5.97	-3.86	-12.51	-9.01	-7.35	-4.24	440.20	-902.06	-183.45	-278.41	669.45
		96	4.34	-6.17	-17.35	-15.40	-8.12	-4.24	416.27	-543.87	115.00	-242.59	445.54
		30	3.16	2.80	-15.27	-14.21	1.74	-4.24	530.06	-114.41	173.20	242.45	320.37
74	6	86	10.22	-6.45	-14.88	-8.05	-13.29	-3.31	1027.45	-1341.61	-99.95	-214.20	1183.15
		87	11.66	-8.17	-22.09	-9.00	-21.26	-3.31	709.01	-1931.05	-197.23	-1024.82	1253.50
		97	9.02	-12.13	-22.90	-13.26	-21.77	-3.31	488.35	-1522.53	-29.49	-1004.69	879.29
		96	7.11	-9.66	-16.44	-12.30	-13.80	-3.31	756.33	-882.62	67.78	-194.07	808.95
74	19	86	18.43	-16.35	-32.19	-22.21	-26.34	7.65	2550.27	-1697.74	115.76	736.78	2101.19
		87	19.31	-16.33	-32.17	-22.20	-26.30	7.65	1964.30	-2474.28	-30.22	-479.76	2207.88
		97	14.67	-22.22	-38.46	-33.07	-27.60	7.65	1567.84	-1792.89	224.18	-449.23	1646.29
		96	13.70	-22.25	-38.47	-33.07	-27.65	7.65	2121.08	-983.61	370.16	767.30	1539.59
74	22	86	6.99	-3.79	-9.53	-5.49	-7.83	-2.62	656.31	-957.91	-65.83	-235.77	802.63
		87	8.02	-5.27	-14.09	-6.13	-13.23	-2.62	455.45	-1356.44	-130.05	-770.94	847.38
		97	6.32	-8.69	-15.07	-10.05	-13.70	-2.62	313.09	-1094.57	-23.34	-758.13	600.33
		96	4.98	-6.18	-11.53	-9.41	-8.30	-2.62	479.98	-662.07	40.88	-222.97	555.58
74	25	86	6.72	-3.33	-8.89	-5.31	-6.91	-2.66	610.65	-936.83	-62.31	-263.87	767.15
		87	7.72	-4.92	-13.00	-5.92	-12.00	-2.66	425.80	-1315.29	-122.67	-766.82	808.77
		97	6.13	-8.42	-14.24	-10.15	-12.51	-2.66	293.65	-1071.98	-23.41	-754.91	576.59
		96	4.85	-5.61	-11.34	-9.53	-7.42	-2.66	446.62	-661.64	36.94	-251.96	534.97
75	6	87	11.98	-4.71	-21.62	-5.50	-20.84	-3.55	858.04	-1887.12	-24.94	-1004.14	1282.29
		88	13.98	-5.66	-27.69	-6.25	-27.10	-3.55	574.62	-2459.80	-116.66	-1768.52	1272.70
		98	11.82	-7.94	-28.04	-8.59	-27.39	-3.55	274.12	-2184.93	-139.54	-1771.27	919.84
		97	9.37	-6.95	-22.01	-7.84	-21.12	-3.55	518.50	-1573.20	-47.81	-1006.89	929.43
75	19	87	19.72	-13.88	-28.35	-16.61	-25.63	5.66	2142.26	-2422.94	174.52	-455.19	2260.78
		88	21.21	-15.39	-33.70	-17.34	-31.74	5.66	1577.11	-3206.51	30.01	-1659.41	2237.68
		98	16.96	-20.41	-35.10	-23.08	-32.43	5.66	1025.70	-2716.79	-25.07	-1666.02	1681.78
		97	15.04	-18.33	-30.33	-22.35	-26.32	5.66	1558.29	-1900.65	119.44	-461.80	1704.88
75	22	87	8.22	-3.03	-13.60	-3.70	-12.94	-2.56	548.51	-1327.15	-20.82	-757.83	862.40
		88	9.55	-3.65	-17.25	-4.16	-16.75	-2.56	371.02	-1700.93	-79.88	-1250.03	854.94
		98	8.18	-5.67	-17.58	-6.25	-17.00	-2.56	177.89	-1527.71	-97.66	-1252.16	627.73
		97	6.57	-4.99	-13.99	-5.79	-13.19	-2.56	331.17	-1129.72	-38.59	-759.96	635.18
75	25	87	7.89	-2.86	-12.42	-3.57	-11.72	-2.50	511.54	-1287.36	-21.17	-754.64	821.29
		88	9.15	-3.44	-15.66	-3.98	-15.13	-2.50	348.45	-1636.22	-76.03	-1211.75	813.79
		98	7.87	-5.59	-16.03	-6.23	-15.40	-2.50	168.87	-1476.66	-93.90	-1213.89	602.78
		97	6.37	-4.93	-12.87	-5.82	-11.99	-2.50	310.05	-1105.90	-39.05	-756.79	610.28
76	6	88	13.70	-3.40	-27.43	-4.00	-26.83	-3.75	611.31	-2373.29	-6.66	-1755.32	1209.34
		89	15.53	-3.92	-31.10	-4.44	-30.57	-3.75	398.13	-2847.83	-80.34	-2369.36	1150.72
		99	13.97	-5.48	-31.32	-6.04	-30.76	-3.75	84.34	-2690.59	-220.11	-2386.14	867.26
		98	11.86	-4.95	-27.66	-5.59	-27.03	-3.75	272.79	-2191.31	-146.42	-1772.10	925.87
76	19	88	20.41	-11.34	-31.98	-12.20	-31.12	4.11	1581.08	-3040.76	181.54	-1641.23	2123.61
		89	22.15	-12.04	-36.49	-12.76	-35.78	4.11	1146.52	-3697.83	64.58	-2615.90	2017.59
		99	18.99	-16.09	-37.11	-16.93	-36.28	4.11	574.76	-3409.21	-188.22	-2646.24	1567.65
		98	16.83	-15.33	-32.66	-16.37	-31.62	4.11	983.70	-2726.52	-71.26	-1671.56	1673.68
76	22	88	9.37	-2.14	-17.05	-2.63	-16.57	-2.64	392.73	-1645.66	-11.15	-1241.78	812.49
		89	10.55	-2.46	-19.20	-2.89	-18.77	-2.64	257.39	-1951.44	-58.41	-1635.64	773.19
		99	9.55	-3.58	-19.37	-4.03	-18.91	-2.64	53.55	-1852.55	-152.12	-1646.88	591.38
		98	8.20	-3.25	-17.22	-3.77	-16.70	-2.64	173.89	-1531.78	-104.85	-1253.03	630.68
76	25	88	8.98	-2.01	-15.45	-2.51	-14.95	-2.55	367.79	-1584.83	-12.88	-1204.17	773.55
		89	10.07	-2.30	-17.34	-2.74	-16.90	-2.55	242.48	-1868.43	-56.69	-1569.26	736.21
		99	9.14	-3.41	-17.51	-3.89	-17.03	-2.55	51.77	-1777.44	-145.72	-1579.95	567.67
		98	7.89	-3.11	-15.63	-3.65	-15.09	-2.55	163.63	-1480.39	-101.91	-1214.85	605.01
77	6	89	15.10	-2.65	-30.93	-3.16	-30.41	-3.77	355.95	-2776.13	-53.98	-2366.20	1056.36
		90	16.64	-2.93	-32.99	-3.41	-32.50	-3.77	205.76	-3153.10	-110.46	-2836.88	980.89
		100	15.55	-3.90	-33.12	-4.40	-32.62	-3.77	-80.53	-3068.38	-290.43	-2858.48	763.60
		99	13.85	-3.62	-31.06	-4.15	-30.53	-3.77	54.35	-2676.09	-233.95	-2387.80	839.08
77	19	89	21.11	-8.82	-35.69	-9.16	-35.34	3.02	1035.76	-3555.72	92.58	-2612.54	1854.99
		90	22.87	-9.20	-38.61	-9.52	-38.30	3.02	725.59	-4094.13	1.66	-3370.20	1721.93
		100	20.63	-12.36	-39.03	-12.70	-38.68	3.02	205.42	-3929.31	-315.62	-3408.27	1372.17
		99	18.57	-11.97	-36.11	-12.35	-35.73	3.02	495.47	-3370.79	-224.70	-2650.62	1505.23
77	22	89	10.27	-1.59	-19.06	-1.99	-18.66	-2.60	228.72	-1904.64	-42.22	-1633.69	710.36
		90	11.25	-1.76	-20.24	-2.13	-19.87	-2.60	132.25	-2145.34	-78.35	-1934.74	659.79
		100	10.55	-2.27	-20.32	-2.66	-19.93	-2.60	-55.69	-2092.46	-198.94	-1949.21	520.81
		99	9.47	-2.11	-19.14	-2.51	-18.73	-2.60	31.55	-1842.53	-162.82	-1648.16	571.39
77	25	89	9.80	-1.45	-17.19	-1.86	-16.79	-2.49	214.96	-1824.43	-41.97	-1567.50	676.74
		90	10.70	-1.60	-18.22	-1.98	-17.83	-2.49	125.08	-2046.67	-75.41	-1846.18	628.67
		100	10.05	-2.04	-18.28	-2.44	-17.89	-2.49	-51.76	-1998.21	-190.03	-1859.94	500.02

		99	9.06	-1.90	-17.26	-2.31	-16.84	-2.49	29.87	-1767.70	-156.59	-1581.25	548.09
78	6	90	16.23	-2.16	-32.84	-2.60	-32.41	-3.63	131.13	-3102.03	-131.49	-2839.41	883.24
		91	17.49	-2.31	-33.98	-2.74	-33.55	-3.63	28.55	-3397.26	-174.11	-3194.60	808.20
		101	16.74	-2.67	-34.02	-3.10	-33.60	-3.63	-214.75	-3354.36	-353.04	-3216.07	644.24
		100	15.39	-2.52	-32.89	-2.96	-32.45	-3.63	-121.55	-3049.74	-310.41	-2860.88	719.28
78	19	90	21.91	-6.80	-38.12	-6.93	-37.99	2.06	571.82	-3987.96	-40.83	-3375.30	1555.07
		91	23.55	-7.03	-40.01	-7.16	-39.88	2.06	359.43	-4426.27	-110.55	-3956.28	1424.19
		101	22.00	-9.13	-40.27	-9.27	-40.14	2.06	-81.08	-4335.27	-422.62	-3993.73	1155.99
		100	20.18	-8.90	-38.38	-9.04	-38.24	2.06	116.35	-3882.00	-352.90	-3412.75	1286.87
78	22	90	10.98	-1.23	-20.12	-1.55	-19.80	-2.43	82.58	-2111.65	-92.62	-1936.45	594.75
		91	11.77	-1.32	-20.73	-1.63	-20.42	-2.43	16.13	-2299.22	-119.84	-2163.26	544.36
		101	11.28	-1.37	-20.74	-1.68	-20.43	-2.43	-144.91	-2272.77	-240.00	-2177.68	439.66
		100	10.44	-1.28	-20.12	-1.60	-19.80	-2.43	-84.14	-2079.52	-212.78	-1950.87	490.05
78	25	90	10.45	-1.09	-18.08	-1.40	-17.76	-2.29	77.91	-2014.81	-89.07	-1847.82	567.07
		91	11.17	-1.16	-18.60	-1.47	-18.29	-2.29	15.72	-2187.59	-114.25	-2057.62	519.10
		101	10.71	-1.13	-18.59	-1.43	-18.29	-2.29	-136.47	-2163.50	-228.62	-2071.35	422.25
		100	9.94	-1.06	-18.07	-1.37	-17.76	-2.29	-79.38	-1985.61	-203.44	-1861.55	470.22
79	6	91	17.16	-1.71	-33.83	-2.07	-33.47	-3.39	-54.11	-3365.63	-219.68	-3200.07	721.70
		92	18.20	-1.82	-34.71	-2.17	-34.36	-3.39	-123.55	-3601.88	-252.43	-3473.00	657.02
		102	17.69	-1.78	-34.71	-2.13	-34.35	-3.39	-317.80	-3580.36	-406.65	-3491.50	531.03
		101	16.60	-1.66	-33.83	-2.02	-33.47	-3.39	-254.19	-3338.28	-373.90	-3218.57	595.71
79	19	91	22.81	-4.94	-39.66	-4.98	-39.62	1.16	199.70	-4357.56	-191.83	-3966.04	1277.10
		92	24.31	-5.15	-41.33	-5.18	-41.29	1.16	56.70	-4724.11	-246.42	-4420.99	1165.03
		102	23.25	-6.41	-41.48	-6.45	-41.44	1.16	-294.35	-4672.36	-513.66	-4453.06	955.01
		101	21.63	-6.21	-39.81	-6.25	-39.77	1.16	-162.22	-4294.95	-459.07	-3998.11	1067.08
79	22	91	11.55	-0.92	-20.61	-1.17	-20.37	-2.18	-38.72	-2278.15	-149.99	-2166.88	486.63
		92	12.21	-0.99	-21.09	-1.22	-20.85	-2.18	-83.89	-2427.93	-170.88	-2340.94	443.11
		102	11.87	-0.78	-21.06	-1.02	-20.83	-2.18	-213.17	-2414.87	-274.66	-2353.39	362.76
		101	11.19	-0.72	-20.59	-0.96	-20.34	-2.18	-171.56	-2261.54	-253.77	-2179.33	406.28
79	25	91	10.97	-0.78	-18.47	-1.01	-18.24	-2.02	-36.27	-2167.54	-142.76	-2061.05	464.36
		92	11.57	-0.83	-18.87	-1.06	-18.64	-2.02	-78.64	-2305.41	-162.07	-2221.98	422.89
		102	11.25	-0.56	-18.84	-0.78	-18.61	-2.02	-201.18	-2293.63	-260.97	-2233.84	348.59
		101	10.62	-0.50	-18.43	-0.73	-18.20	-2.02	-162.03	-2152.54	-241.65	-2072.91	390.07
80	6	92	17.96	-1.03	-34.54	-1.32	-34.26	-3.08	-204.22	-3584.86	-309.27	-3479.82	586.60
		93	18.86	-1.15	-35.49	-1.43	-35.21	-3.08	-250.84	-3781.63	-335.34	-3697.13	539.65
		103	18.51	-1.49	-35.53	-1.77	-35.25	-3.08	-389.18	-3768.67	-447.29	-3710.56	439.33
		102	17.59	-1.37	-34.59	-1.66	-34.30	-3.08	-346.08	-3568.39	-421.22	-3493.25	486.28
80	19	92	23.77	-2.82	-41.01	-2.82	-41.01	0.37	-98.01	-4686.05	-350.57	-4433.49	1046.41
		93	25.18	-3.02	-42.73	-3.03	-42.72	0.37	-192.73	-5006.37	-395.04	-4804.05	965.89
		103	24.46	-4.56	-42.91	-4.56	-42.91	0.37	-442.94	-4971.19	-587.04	-4827.09	794.82
		102	22.99	-4.35	-41.20	-4.35	-41.19	0.37	-355.72	-4643.37	-542.57	-4456.53	875.34
80	22	92	12.05	-0.49	-20.96	-0.67	-20.78	-1.91	-137.00	-2416.39	-208.00	-2345.39	395.96
		93	12.61	-0.56	-21.50	-0.74	-21.32	-1.91	-167.31	-2540.89	-224.59	-2483.61	364.22
		103	12.39	-0.65	-21.51	-0.82	-21.33	-1.91	-259.84	-2533.11	-300.26	-2492.69	300.42
		102	11.80	-0.58	-20.97	-0.76	-20.79	-1.91	-231.70	-2406.44	-283.67	-2354.47	332.15
80	25	92	11.41	-0.38	-18.75	-0.54	-18.58	-1.73	-128.79	-2294.32	-196.95	-2226.16	378.09
		93	11.93	-0.44	-19.21	-0.60	-19.05	-1.73	-157.20	-2408.86	-212.26	-2353.80	347.77
		103	11.72	-0.44	-19.21	-0.60	-19.05	-1.73	-245.14	-2401.88	-284.55	-2362.47	288.85
		102	11.18	-0.38	-18.75	-0.55	-18.58	-1.73	-218.70	-2285.36	-269.23	-2234.84	319.17
81	6	93	18.81	0.74	-35.17	0.55	-34.97	-2.62	-257.85	-3769.82	-331.05	-3696.61	501.72
		94	19.72	0.30	-38.71	0.12	-38.54	-2.62	-295.51	-3949.91	-354.39	-3891.04	460.08
		104	19.42	-2.36	-39.04	-2.55	-38.86	-2.62	-414.36	-3942.27	-453.68	-3902.96	370.33
		103	18.49	-1.92	-35.50	-2.12	-35.29	-2.62	-379.37	-3759.51	-430.34	-3708.53	411.97
81	19	93	25.01	0.95	-42.24	0.95	-42.24	6.39e-03	-241.19	-4986.80	-420.85	-4807.15	905.70
		94	26.47	0.32	-47.45	0.32	-47.45	6.39e-03	-314.06	-5287.30	-460.85	-5140.51	841.71
		104	25.89	-4.40	-48.01	-4.40	-48.01	6.39e-03	-511.61	-5260.62	-613.41	-5158.82	687.82
		103	24.38	-3.78	-42.81	-3.78	-42.81	6.39e-03	-444.40	-4954.47	-573.41	-4825.46	751.81
81	22	93	12.58	0.60	-21.28	0.50	-21.17	-1.54	-170.92	-2532.87	-220.65	-2483.14	339.10
		94	13.15	0.34	-23.41	0.24	-23.31	-1.54	-195.27	-2646.42	-235.42	-2606.27	311.15
		104	12.95	-1.27	-23.61	-1.38	-23.50	-1.54	-274.42	-2641.90	-302.06	-2614.26	254.31
		103	12.38	-1.00	-21.48	-1.12	-21.37	-1.54	-251.71	-2526.72	-287.29	-2491.14	282.26
81	25	93	11.90	0.63	-19.00	0.53	-18.91	-1.35	-160.32	-2401.19	-208.21	-2353.31	324.05
		94	12.42	0.39	-20.90	0.30	-20.82	-1.35	-183.06	-2505.47	-221.81	-2466.71	297.49
		104	12.23	-1.04	-21.08	-1.14	-20.99	-1.35	-258.03	-2501.43	-285.15	-2474.31	245.14
		103	11.71	-0.81	-19.18	-0.91	-19.08	-1.35	-236.79	-2395.66	-271.54	-2360.91	271.70
82	6	94	19.84	-0.03	-38.68	-0.15	-38.57	2.10	-153.26	-3899.09	-181.99	-3870.35	326.80
		95	19.63	1.85	-23.54	1.68	-23.37	2.10	-169.17	-3947.52	-188.88	-3927.81	272.22
		105	19.37	-0.27	-23.81	-0.46	-23.62	2.10	-302.43	-3960.00	-319.01	-3943.42	245.70
		104	19.58	-2.16	-38.94	-2.28	-38.82	2.10	-287.06	-3911.02	-312.12	-3885.97	300.28
82	19	94	26.41	0.64	-48.35	-0.19	-47.51	6.35	-164.76	-5188.23	-239.09	-5113.90	606.53
		95	25.94	5.09	-19.79	3.34	-18.05	6.35	-197.19	-5268.36	-251.15	-5214.40	520.31
		105	25.52	2.13	-20.39	0.17	-18.43	6.35	-410.20	-5285.58	-456.71	-5239.07	473.92
		104	25.97	-2.48	-48.78	-3.37	-47.89	6.35	-378.74	-5204.48	-444.65	-5138.57	560.13
82	22	94	13.22	0.03	-23.44	-0.07	-23.35	1.50	-102.81	-2612.40	-122.49	-2592.71	221.41
		95	13.07	1.28	-13.50	1.13	-13.35	1.50	-112.57	-2641.57	-126.66	-2627.48	188.24
		105	12.92	0.19	-13.65	0.02	-13.48	1.50	-193.61	-2649.10	-205.74	-2636.97	172.20
		104	13.06	-1.08	-23.58	-1.18	-23.48	1.50	-184.13	-2619.64	-201.57	-2602.20	205.36

82	25	94	12.48	0.05	-20.96	-0.05	-20.86	1.47	-97.19	-2473.10	-116.25	-2454.04	211.93
		95	12.34	1.25	-11.64	1.08	-11.47	1.47	-106.04	-2499.17	-119.99	-2485.22	182.17
		105	12.20	0.37	-11.75	0.19	-11.57	1.47	-178.79	-2505.89	-190.95	-2493.73	167.78
		104	12.34	-0.83	-21.07	-0.94	-20.97	1.47	-170.18	-2479.58	-187.20	-2462.56	197.53
83	8	30	6.80	22.59	-12.74	-11.96	21.81	-5.19	1416.59	374.90	434.63	1356.86	242.18
		96	7.02	24.29	-12.50	-11.75	23.55	-5.19	1452.57	366.83	437.62	1381.78	268.04
		106	6.98	25.52	-4.07	-3.13	24.58	-5.19	1469.70	418.74	499.26	1389.18	279.54
		35	6.76	23.84	-4.33	-3.34	22.85	-5.19	1432.96	427.56	496.27	1364.26	253.69
83	17	30	17.89	49.58	-38.98	-38.32	48.92	7.61	3645.01	861.88	954.41	3552.48	498.97
		96	18.05	42.10	-39.93	-39.22	41.39	7.61	3720.04	862.89	962.56	3620.37	524.26
		106	18.04	42.79	-34.56	-33.80	42.04	7.61	3741.16	909.29	1022.85	3627.60	555.60
		35	17.87	50.26	-33.60	-32.90	49.57	7.61	3665.79	908.63	1014.71	3559.71	530.31
83	22	30	3.73	11.24	-13.67	-13.09	10.66	-3.75	773.22	121.31	240.55	653.98	252.02
		96	3.91	16.41	-12.95	-12.46	15.92	-3.75	782.10	105.58	239.82	647.86	269.81
		106	3.85	17.29	-6.65	-6.04	16.69	-3.75	792.61	142.57	282.23	652.95	266.98
		35	3.68	12.18	-7.42	-6.67	11.43	-3.75	783.21	158.83	282.96	659.07	249.20
83	25	30	3.30	9.35	-13.90	-13.36	8.81	-3.50	677.89	69.78	208.78	538.90	255.35
		96	3.47	15.11	-13.10	-12.66	14.67	-3.50	682.86	51.70	207.37	527.19	272.07
		106	3.40	15.94	-7.17	-6.62	15.40	-3.50	691.89	87.31	247.23	531.98	266.66
		35	3.24	10.24	-8.02	-7.33	9.54	-3.50	686.39	105.92	248.63	543.68	249.95
84	8	96	7.77	24.41	-4.56	-4.56	24.41	-0.21	1499.42	92.93	234.90	1357.45	423.70
		97	6.96	20.45	-5.04	-5.04	20.45	-0.21	1308.26	-29.00	201.35	1077.91	504.96
		107	6.19	20.62	-3.65	-3.64	20.62	-0.21	1263.82	232.44	395.10	1101.16	375.91
		106	7.14	24.58	-3.17	-3.17	24.58	-0.21	1464.52	344.83	428.65	1380.70	294.65
84	17	96	19.57	49.10	-26.32	-20.82	43.59	19.62	3812.33	367.08	602.28	3577.13	868.90
		97	17.20	34.65	-29.41	-22.70	27.93	19.62	3297.46	147.20	523.56	2921.11	1021.75
		107	15.57	33.42	-34.87	-28.67	27.22	19.62	3189.41	663.44	888.01	2964.84	718.91
		106	18.26	48.02	-31.93	-26.79	42.88	19.62	3736.55	851.04	966.73	3620.87	566.06
84	22	96	4.61	16.66	-6.43	-6.41	16.64	0.68	833.15	-52.80	144.00	636.36	368.27
		97	4.30	14.06	-6.75	-6.73	14.04	0.68	729.53	-163.22	121.06	445.25	415.90
		107	3.65	14.13	-6.17	-6.15	14.11	0.68	693.09	0.43	234.64	458.88	327.68
		106	4.05	16.73	-5.86	-5.84	16.71	0.68	795.72	111.84	257.58	649.99	280.05
84	25	96	4.17	15.41	-6.83	-6.80	15.37	0.86	733.96	-86.81	129.32	517.83	361.50
		97	3.95	13.02	-7.12	-7.09	12.98	0.86	644.29	-196.00	108.01	340.28	403.77
		107	3.32	13.07	-6.70	-6.66	13.03	0.86	610.31	-49.13	208.81	352.37	321.81
		106	3.62	15.46	-6.40	-6.37	15.43	0.86	697.21	62.82	230.11	529.92	279.54
85	6	97	7.39	22.67	-2.82	-2.61	22.47	2.29	1300.84	-190.86	184.12	925.85	647.11
		98	6.75	20.02	-3.16	-2.93	19.79	2.29	1102.50	-336.14	147.30	619.06	679.54
		108	5.70	19.83	-4.61	-4.40	19.61	2.29	1001.03	-148.05	224.64	628.34	537.92
		107	6.47	22.49	-4.27	-4.08	22.29	2.29	1205.73	-9.13	261.46	935.14	505.48
85	17	97	17.40	37.32	-19.90	-11.83	29.24	19.92	3319.41	83.38	486.17	2916.62	1068.27
		98	15.54	32.44	-21.34	-12.50	23.61	19.92	2867.78	-96.22	418.54	2353.01	1122.84
		108	14.06	30.47	-28.19	-20.38	22.66	19.92	2712.54	204.75	548.67	2368.63	862.66
		107	16.14	35.49	-26.90	-19.70	28.29	19.92	3186.33	362.21	616.30	2932.24	808.09
85	22	97	4.61	14.85	-2.76	-2.46	14.55	2.27	755.95	-206.71	105.81	443.42	450.76
		98	4.33	12.60	-3.07	-2.74	12.26	2.27	636.29	-318.18	81.05	237.06	470.81
		108	3.56	12.40	-4.46	-4.14	12.09	2.27	565.68	-194.01	128.88	242.79	375.55
		107	3.92	14.66	-4.15	-3.87	14.38	2.27	686.38	-83.58	153.64	449.16	355.49
85	24	97	3.76	6.95	-6.96	-5.14	5.13	4.70	152.37	-669.32	-15.18	-501.77	331.07
		98	4.20	4.15	-7.81	-5.53	1.86	4.70	121.21	-774.07	-29.75	-623.12	335.20
		108	3.86	3.46	-10.03	-8.13	1.55	4.70	89.63	-731.47	-19.90	-621.94	279.18
		107	3.41	6.38	-9.30	-7.74	4.82	4.70	117.13	-623.05	-5.33	-500.58	275.05
86	6	98	6.82	20.56	-0.33	0.07	20.15	2.89	1105.34	-346.69	140.42	618.23	685.58
		99	6.27	18.71	-0.60	-0.15	18.27	2.89	924.77	-460.46	108.88	355.43	681.56
		109	5.32	18.39	-2.85	-2.45	17.99	2.89	801.35	-347.79	99.28	354.28	560.24
		108	5.95	20.25	-2.60	-2.22	19.87	2.89	988.37	-240.47	130.82	617.08	564.27
86	17	98	15.44	33.42	-14.72	-5.72	24.42	18.76	2854.29	-112.00	392.42	2349.88	1114.36
		99	13.89	31.01	-15.57	-6.07	21.52	18.76	2479.68	-230.44	339.59	1909.65	1104.50
		109	12.73	28.67	-22.63	-14.47	20.51	18.76	2313.50	-90.60	316.07	1906.83	901.28
		108	14.42	31.19	-21.89	-14.12	23.41	18.76	2702.76	13.18	368.89	2347.05	911.14
86	21	98	4.19	5.51	-5.45	-2.20	2.26	5.00	106.27	-775.31	-44.19	-624.85	331.67
		99	4.57	3.94	-6.37	-2.47	0.03	5.00	74.35	-866.37	-57.37	-734.65	326.43
		109	4.27	2.72	-8.52	-5.47	-0.33	5.00	29.46	-835.47	-69.86	-736.15	275.75
		108	3.86	4.48	-7.79	-5.21	1.90	5.00	58.59	-741.62	-56.68	-626.35	280.98
86	24	98	4.19	5.51	-5.45	-2.20	2.26	5.00	106.27	-775.31	-44.19	-624.85	331.67
		99	4.57	3.94	-6.37	-2.47	0.03	5.00	74.35	-866.37	-57.37	-734.65	326.43
		109	4.27	2.72	-8.52	-5.47	-0.33	5.00	29.46	-835.47	-69.86	-736.15	275.75
		108	3.86	4.48	-7.79	-5.21	1.90	5.00	58.59	-741.62	-56.68	-626.35	280.98
87	5	99	5.94	5.89	-6.30	-0.78	0.37	6.07	77.86	-1136.14	-90.55	-967.73	419.63
		100	6.28	5.06	-7.08	-0.95	-1.07	6.07	39.82	-1224.15	-104.06	-1080.27	401.44
		110	5.96	3.07	-9.53	-4.92	-1.54	6.07	-31.54	-1201.37	-147.43	-1085.48	349.49
		109	5.59	4.07	-8.92	-4.74	-0.10	6.07	4.40	-1111.26	-133.92	-972.93	367.68
87	17	99	13.45	30.92	-10.15	-1.31	22.09	16.88	2422.50	-208.76	307.90	1905.85	1045.24
		100	12.18	29.62	-10.65	-1.50	20.47	16.88	2135.69	-263.05	271.35	1601.29	998.15
		110	11.46	27.24	-17.32	-9.59	19.50	16.88	1989.57	-242.68	159.08	1587.82	857.56
		109	12.79	28.61	-16.89	-9.39	21.12	16.88	2284.21	-196.21	195.62	1892.38	904.64
87	21	99	4.46	4.41	-4.56	-0.44	0.28	4.47	52.37	-858.07	-69.58	-736.12	310.09

		100	4.72	3.79	-5.15	-0.57	-0.80	4.47	24.74	-923.40	-79.54	-819.13	296.64
		110	4.49	2.28	-6.98	-3.55	-1.16	4.47	-27.71	-906.88	-111.62	-822.98	258.32
		109	4.21	3.02	-6.52	-3.42	-0.08	4.47	-1.62	-840.00	-101.66	-739.97	271.77
87	24	99	4.46	4.41	-4.56	-0.44	0.28	4.47	52.37	-858.07	-69.58	-736.12	310.09
		100	4.72	3.79	-5.15	-0.57	-0.80	4.47	24.74	-923.40	-79.54	-819.13	296.64
		110	4.49	2.28	-6.98	-3.55	-1.16	4.47	-27.71	-906.88	-111.62	-822.98	258.32
		109	4.21	3.02	-6.52	-3.42	-0.08	4.47	-1.62	-840.00	-101.66	-739.97	271.77
88	5	100	6.10	4.94	-5.20	0.62	-0.88	5.01	8.93	-1208.45	-117.62	-1081.90	371.55
		101	6.31	4.71	-5.50	0.57	-1.36	5.01	-21.30	-1266.37	-127.06	-1160.60	347.12
		111	6.07	2.59	-7.52	-3.12	-1.81	5.01	-95.23	-1257.67	-185.31	-1167.59	310.79
		110	5.85	2.90	-7.28	-3.06	-1.32	5.01	-66.00	-1198.75	-175.86	-1088.89	335.22
88	20	100	11.81	5.92	-15.67	0.45	-10.19	-9.39	-276.65	-2460.04	-302.28	-2434.40	-235.20
		101	11.59	5.95	-15.61	0.46	-10.12	-9.39	-275.78	-2415.96	-297.47	-2394.27	-214.36
		111	11.66	8.51	-14.57	3.68	-9.74	-9.39	-230.00	-2406.07	-247.77	-2388.31	-195.83
		110	11.88	8.49	-14.62	3.67	-9.80	-9.39	-231.22	-2449.81	-252.58	-2428.44	-216.67
88	21	100	4.59	3.68	-3.77	0.58	-0.66	3.67	2.11	-911.97	-89.53	-820.33	274.53
		101	4.75	3.51	-4.00	0.53	-1.01	3.67	-19.86	-954.95	-96.49	-878.33	256.48
		111	4.57	1.91	-5.49	-2.23	-1.35	3.67	-74.33	-948.70	-139.53	-883.49	229.71
		110	4.40	2.13	-5.31	-2.19	-0.99	3.67	-53.10	-904.97	-132.57	-825.49	247.76
88	24	100	4.59	3.68	-3.77	0.58	-0.66	3.67	2.11	-911.97	-89.53	-820.33	274.53
		101	4.75	3.51	-4.00	0.53	-1.01	3.67	-19.86	-954.95	-96.49	-878.33	256.48
		111	4.57	1.91	-5.49	-2.23	-1.35	3.67	-74.33	-948.70	-139.53	-883.49	229.71
		110	4.40	2.13	-5.31	-2.19	-0.99	3.67	-53.10	-904.97	-132.57	-825.49	247.76
89	5	101	6.15	4.09	-4.02	1.34	-1.27	3.84	-47.07	-1251.64	-136.92	-1161.79	316.49
		102	6.28	4.15	-3.93	1.36	-1.13	3.84	-70.18	-1291.64	-143.68	-1218.13	290.49
		112	6.10	2.12	-5.58	-1.93	-1.53	3.84	-141.17	-1290.07	-205.68	-1225.57	264.48
		111	5.96	2.04	-5.65	-1.95	-1.66	3.84	-118.60	-1249.54	-198.92	-1169.23	290.48
89	20	101	11.54	3.11	-14.64	-1.20	-10.32	-7.62	-264.55	-2408.82	-281.07	-2392.30	-187.48
		102	11.45	3.11	-14.66	-1.21	-10.34	-7.62	-266.51	-2392.28	-279.50	-2379.28	-165.70
		112	11.55	5.60	-13.70	1.88	-9.97	-7.62	-215.75	-2384.87	-227.57	-2373.05	-159.69
		111	11.63	5.61	-13.68	1.88	-9.95	-7.62	-213.97	-2401.23	-229.13	-2386.07	-181.47
89	21	101	4.63	3.03	-2.92	1.07	-0.95	2.80	-38.60	-944.24	-103.66	-879.19	233.84
		102	4.73	3.08	-2.84	1.08	-0.84	2.80	-55.39	-973.90	-108.63	-920.66	214.63
		112	4.59	1.55	-4.05	-1.37	-1.13	2.80	-107.74	-972.85	-154.44	-926.16	195.48
		111	4.49	1.49	-4.11	-1.38	-1.24	2.80	-91.36	-942.78	-149.46	-884.68	214.69
89	24	101	4.63	3.03	-2.92	1.07	-0.95	2.80	-38.60	-944.24	-103.66	-879.19	233.84
		102	4.73	3.08	-2.84	1.08	-0.84	2.80	-55.39	-973.90	-108.63	-920.66	214.63
		112	4.59	1.55	-4.05	-1.37	-1.13	2.80	-107.74	-972.85	-154.44	-926.16	195.48
		111	4.49	1.49	-4.11	-1.38	-1.24	2.80	-91.36	-942.78	-149.46	-884.68	214.69
90	5	102	6.17	3.22	-2.87	1.47	-1.12	2.75	-85.76	-1279.79	-147.02	-1218.53	263.44
		103	6.28	3.38	-2.55	1.52	-0.69	2.75	-102.55	-1314.10	-152.50	-1264.15	240.88
		113	6.14	1.60	-3.91	-1.29	-1.03	2.75	-162.67	-1314.22	-206.28	-1270.60	219.82
		112	6.01	1.35	-4.15	-1.34	-1.46	2.75	-146.34	-1279.45	-200.81	-1224.98	242.38
90	20	102	11.42	0.37	-13.37	-2.51	-10.50	-5.59	-252.15	-2386.75	-261.75	-2377.15	-142.78
		103	11.40	0.29	-13.58	-2.54	-10.75	-5.59	-254.11	-2381.93	-261.44	-2374.60	-124.69
		113	11.49	3.15	-12.67	0.83	-10.35	-5.59	-211.24	-2376.49	-218.31	-2369.43	-123.51
		112	11.51	3.21	-12.44	0.86	-10.09	-5.59	-209.34	-2381.25	-218.61	-2371.98	-141.60
90	21	102	4.64	2.37	-2.07	1.13	-0.83	1.99	-66.56	-965.28	-110.91	-920.93	194.64
		103	4.73	2.50	-1.83	1.17	-0.50	1.99	-78.76	-990.64	-114.93	-954.46	177.98
		113	4.62	1.16	-2.83	-0.92	-0.75	1.99	-123.07	-990.81	-154.66	-959.23	162.50
		112	4.53	0.98	-3.01	-0.96	-1.08	1.99	-111.22	-965.11	-150.63	-925.70	179.16
90	24	102	4.64	2.37	-2.07	1.13	-0.83	1.99	-66.56	-965.28	-110.91	-920.93	194.64
		103	4.73	2.50	-1.83	1.17	-0.50	1.99	-78.76	-990.64	-114.93	-954.46	177.98
		113	4.62	1.16	-2.83	-0.92	-0.75	1.99	-123.07	-990.81	-154.66	-959.23	162.50
		112	4.53	0.98	-3.01	-0.96	-1.08	1.99	-111.22	-965.11	-150.63	-925.70	179.16
91	5	103	6.25	2.43	-2.06	1.11	-0.74	2.04	-90.36	-1306.61	-134.93	-1262.04	228.51
		104	6.44	2.57	-1.79	1.15	-0.36	2.04	-102.17	-1352.42	-141.10	-1313.49	217.15
		114	6.33	1.17	-2.95	-1.14	-0.64	2.04	-136.49	-1348.43	-168.18	-1316.74	193.40
		113	6.14	0.95	-3.14	-1.18	-1.01	2.04	-125.23	-1302.07	-162.01	-1265.29	204.76
91	20	103	11.40	-1.71	-12.15	-3.05	-10.81	-3.49	-236.21	-2377.94	-241.89	-2372.26	-110.15
		104	11.43	-2.27	-14.48	-3.36	-13.39	-3.49	-237.44	-2371.76	-241.36	-2367.84	-91.37
		114	11.54	1.89	-13.68	1.06	-12.86	-3.49	-192.91	-2366.15	-196.58	-2362.47	-89.34
		113	11.50	2.34	-11.25	1.37	-10.28	-3.49	-191.74	-2372.26	-197.11	-2366.88	-108.11
91	21	103	4.71	1.77	-1.48	0.83	-0.54	1.48	-69.33	-985.12	-101.59	-952.86	168.82
		104	4.85	1.89	-1.27	0.86	-0.25	1.48	-77.91	-1018.86	-106.13	-990.65	160.48
		114	4.77	0.86	-2.13	-0.82	-0.45	1.48	-103.03	-1016.02	-126.02	-993.03	143.04
		113	4.63	0.68	-2.28	-0.85	-0.74	1.48	-94.85	-981.88	-121.49	-955.25	151.38
91	24	103	4.71	1.77	-1.48	0.83	-0.54	1.48	-69.33	-985.12	-101.59	-952.86	168.82
		104	4.85	1.89	-1.27	0.86	-0.25	1.48	-77.91	-1018.86	-106.13	-990.65	160.48
		114	4.77	0.86	-2.13	-0.82	-0.45	1.48	-103.03	-1016.02	-126.02	-993.03	143.04
		113	4.63	0.68	-2.28	-0.85	-0.74	1.48	-94.85	-981.88	-121.49	-955.25	151.38
92	5	104	6.49	2.92	-1.82	1.44	-0.33	2.20	-15.99	-1322.88	-37.77	-1301.09	167.33
		105	6.81	1.22	-7.64	0.63	-7.05	2.20	-26.18	-1357.29	-42.55	-1340.92	146.72
		115	6.68	-0.53	-7.99	-1.25	-7.28	2.20	-78.71	-1359.81	-91.70	-1346.82	128.33
		114	6.36	1.70	-2.70	-0.44	-0.55	2.20	-69.00	-1324.91	-86.92	-1306.99	148.94
92	20	104	11.50	-0.52	-14.89	-2.17	-13.24	-4.57	-198.78	-2365.76	-201.49	-2363.06	-76.51
		105	10.98	4.82	-4.42	-0.47	0.86	-4.57	-196.62	-2328.91	-197.31	-2328.22	-38.45

		115	11.11	6.09	-3.08	1.87	1.15	-4.57	-106.33	-2317.55	-106.55	-2317.33	-22.36
		114	11.66	1.61	-14.40	0.18	-12.96	-4.57	-109.10	-2353.80	-110.73	-2352.17	-60.43
92	21	104	4.89	2.16	-1.31	1.07	-0.22	1.60	-12.78	-997.13	-28.57	-981.34	123.67
		105	5.12	0.90	-5.59	0.48	-5.16	1.60	-20.24	-1022.36	-32.08	-1010.53	108.27
		115	5.03	-0.39	-5.85	-0.91	-5.33	1.60	-59.38	-1024.34	-68.78	-1014.93	94.80
		114	4.79	1.25	-1.96	-0.32	-0.39	1.60	-52.27	-998.75	-65.28	-985.75	110.19
92	24	104	4.89	2.16	-1.31	1.07	-0.22	1.60	-12.78	-997.13	-28.57	-981.34	123.67
		105	5.12	0.90	-5.59	0.48	-5.16	1.60	-20.24	-1022.36	-32.08	-1010.53	108.27
		115	5.03	-0.39	-5.85	-0.91	-5.33	1.60	-59.38	-1024.34	-68.78	-1014.93	94.80
		114	4.79	1.25	-1.96	-0.32	-0.39	1.60	-52.27	-998.75	-65.28	-985.75	110.19
93	6	35	3.63	11.75	-9.68	-8.39	10.46	-5.10	764.15	128.82	397.83	495.13	313.92
		106	3.62	14.29	-9.23	-8.07	13.12	-5.10	767.88	127.52	398.10	497.31	316.32
		116	3.60	15.07	-4.90	-3.50	13.67	-5.10	771.70	130.11	403.81	497.99	317.32
		40	3.60	12.59	-5.40	-3.82	11.01	-5.10	767.97	131.40	403.55	495.82	314.92
93	19	35	8.05	19.76	-34.28	-34.24	19.71	-1.58	1795.10	574.13	1152.31	1216.92	609.63
		106	7.86	21.10	-34.12	-34.07	21.06	-1.58	1794.05	707.15	1166.45	1334.75	536.89
		116	7.85	20.97	-35.26	-35.21	20.92	-1.58	1766.14	540.80	993.00	1313.94	591.29
		40	7.98	19.62	-35.42	-35.37	19.57	-1.58	1760.34	414.63	978.86	1196.11	664.03
93	22	35	2.45	6.80	-8.18	-7.33	5.95	-3.47	485.62	34.07	237.71	281.98	224.69
		106	2.48	8.82	-7.83	-7.08	8.07	-3.47	484.99	16.78	235.79	265.98	233.62
		116	2.43	9.38	-4.68	-3.76	8.46	-3.47	489.11	36.50	257.07	268.54	226.23
		40	2.40	7.40	-5.07	-4.02	6.35	-3.47	489.44	54.08	258.99	284.53	217.31
93	25	35	2.35	5.91	-8.63	-7.85	5.14	-3.27	450.03	7.69	212.78	244.94	220.58
		106	2.41	7.97	-8.28	-7.60	7.28	-3.27	448.42	-16.95	209.97	221.50	232.61
		116	2.34	8.50	-5.22	-4.39	7.67	-3.27	453.70	9.90	238.66	224.94	221.79
		40	2.29	6.48	-5.61	-4.65	5.52	-3.27	454.72	35.14	241.48	248.38	209.76
94	6	106	3.63	13.42	-8.19	-7.92	13.14	-2.44	758.54	72.29	340.44	490.39	334.83
		107	3.71	13.23	-8.22	-7.94	12.95	-2.44	763.51	35.37	337.01	461.86	358.68
		117	3.67	13.61	-5.43	-5.11	13.29	-2.44	778.80	83.75	393.86	468.68	345.51
		116	3.59	13.79	-5.40	-5.09	13.48	-2.44	772.77	121.72	397.28	497.21	321.67
94	17	106	7.98	24.41	-30.66	-29.18	22.93	8.90	1627.55	401.46	692.59	1336.41	521.72
		107	7.96	19.30	-31.42	-29.81	17.68	8.90	1638.91	375.76	691.06	1323.62	546.67
		117	7.92	18.63	-35.88	-34.39	17.13	8.90	1654.32	426.98	750.55	1330.76	540.77
		116	7.94	23.76	-35.13	-33.76	22.39	8.90	1642.40	453.24	752.09	1343.55	515.82
94	22	106	2.46	8.27	-7.05	-6.87	8.09	-1.64	485.12	-10.96	211.14	263.02	246.68
		107	2.56	8.39	-7.03	-6.86	8.21	-1.64	484.36	-41.92	207.74	234.69	262.79
		117	2.50	8.66	-4.97	-4.77	8.46	-1.64	492.47	-7.01	246.16	239.30	249.72
		116	2.41	8.54	-4.99	-4.79	8.34	-1.64	492.37	24.82	249.56	267.63	233.60
94	25	106	2.40	7.47	-7.50	-7.34	7.31	-1.51	452.00	-39.70	192.86	219.44	245.49
		107	2.49	7.69	-7.47	-7.32	7.54	-1.51	449.51	-72.43	189.08	188.00	260.97
		117	2.43	7.95	-5.47	-5.30	7.78	-1.51	456.24	-37.81	225.99	192.43	246.46
		116	2.33	7.73	-5.50	-5.32	7.56	-1.51	457.81	-4.18	229.76	223.87	230.98
95	6	107	4.12	13.29	-5.16	-5.16	13.29	0.02	747.84	-99.36	202.73	445.75	405.80
		108	4.13	11.84	-5.33	-5.33	11.84	0.02	716.88	-174.97	191.32	350.60	438.75
		118	3.81	11.81	-5.63	-5.63	11.81	0.02	712.35	-82.43	269.90	360.03	394.83
		117	3.81	13.25	-5.46	-5.46	13.25	0.02	740.42	-3.92	281.32	455.18	361.87
95	19	107	8.72	19.48	-23.77	-22.32	18.02	7.80	1669.35	67.36	483.16	1253.55	702.30
		108	8.60	15.88	-24.34	-22.76	14.31	7.80	1594.27	-77.08	459.64	1057.55	780.37
		118	7.96	14.96	-30.27	-28.88	13.57	7.80	1586.08	139.62	645.81	1079.89	689.90
		117	8.13	18.58	-29.73	-28.43	17.29	7.80	1655.47	289.75	669.33	1275.89	611.82
95	22	107	2.74	8.49	-4.58	-4.58	8.49	0.28	470.58	-118.87	126.74	224.97	290.60
		108	2.79	7.37	-4.72	-4.71	7.36	0.28	450.96	-171.43	119.00	160.52	310.50
		118	2.56	7.33	-5.02	-5.01	7.33	0.28	447.09	-114.41	166.46	166.22	280.75
		117	2.52	8.46	-4.88	-4.87	8.45	0.28	464.81	-59.94	174.19	230.67	260.85
95	25	107	2.63	7.83	-4.97	-4.96	7.82	0.43	435.20	-139.69	116.25	179.26	285.71
		108	2.68	6.69	-5.11	-5.10	6.68	0.43	416.82	-190.52	108.84	117.47	303.64
		118	2.46	6.65	-5.46	-5.45	6.64	0.43	412.59	-138.40	151.59	122.60	275.11
		117	2.41	7.79	-5.33	-5.31	7.78	0.43	429.20	-85.80	159.00	184.39	257.19
96	6	108	4.41	12.20	-3.25	-3.16	12.10	1.23	698.98	-262.16	97.49	339.34	465.11
		109	4.34	11.13	-3.39	-3.28	11.03	1.23	642.17	-329.03	84.24	228.91	480.18
		119	3.92	10.90	-5.23	-5.13	10.80	1.23	609.61	-256.21	120.19	233.22	429.20
		118	4.01	11.97	-5.09	-5.00	11.88	1.23	665.80	-188.71	133.44	343.65	414.13
96	19	108	9.14	16.79	-18.97	-17.16	14.98	7.84	1563.26	-299.30	233.54	1030.42	841.74
		109	8.84	15.19	-19.25	-17.36	13.30	7.84	1433.66	-422.34	206.47	804.85	878.44
		119	8.04	14.19	-25.16	-23.54	12.56	7.84	1371.69	-262.34	293.99	815.35	774.31
		118	8.38	15.81	-24.90	-23.33	14.24	7.84	1501.73	-139.75	321.06	1040.92	737.61
96	22	108	2.97	7.73	-2.96	-2.82	7.59	1.24	434.45	-225.72	55.80	152.94	326.49
		109	2.95	6.83	-3.08	-2.93	6.67	1.24	398.59	-272.74	46.91	78.93	335.28
		119	2.67	6.63	-4.59	-4.45	6.49	1.24	375.86	-226.53	67.88	81.45	301.12
		118	2.69	7.54	-4.47	-4.34	7.41	1.24	411.07	-178.85	76.77	155.46	292.32
96	25	108	2.85	7.11	-3.28	-3.09	6.92	1.40	398.94	-240.14	48.56	110.23	318.05
		109	2.85	6.17	-3.41	-3.20	5.96	1.40	365.70	-285.87	40.10	39.73	325.79
		119	2.58	5.95	-4.98	-4.80	5.77	1.40	343.60	-243.11	58.55	41.94	293.24
		118	2.58	6.90	-4.85	-4.68	6.73	1.40	376.14	-196.67	67.01	112.45	285.50
97	6	109	4.39	11.42	-1.89	-1.69	11.22	1.64	610.90	-373.87	16.28	220.75	481.65
		110	4.22	10.76	-1.98	-1.77	10.55	1.64	543.21	-416.51	4.46	122.24	476.23
		120	3.86	10.43	-4.48	-4.30	10.25	1.64	491.69	-379.46	-8.47	120.69	430.76

		119	4.05	11.09	-4.39	-4.22	10.91	1.64	560.61	-338.05	3.36	219.20	436.18
97	19	109	8.92	15.56	-14.34	-12.65	13.87	6.90	1382.20	-525.51	68.41	788.28	883.34
		110	8.46	14.67	-14.50	-12.76	12.93	6.90	1238.51	-596.40	45.42	596.70	875.07
		120	7.83	13.73	-19.93	-18.45	12.25	6.90	1146.45	-526.42	25.70	594.33	786.63
		119	8.33	14.63	-19.78	-18.34	13.19	6.90	1293.51	-458.91	48.69	785.91	794.90
97	22	109	2.98	7.10	-1.84	-1.57	6.84	1.52	374.08	-300.65	0.11	73.31	335.37
		110	2.89	6.57	-1.92	-1.64	6.29	1.52	330.53	-331.40	-7.85	6.98	330.88
		120	2.64	6.28	-3.87	-3.64	6.05	1.52	294.06	-306.94	-18.57	5.69	300.26
		119	2.73	6.82	-3.80	-3.58	6.60	1.52	338.25	-276.83	-10.61	72.03	304.75
97	25	109	2.87	6.47	-2.11	-1.77	6.13	1.67	340.66	-311.38	-5.03	34.31	325.43
		110	2.81	5.92	-2.19	-1.84	5.56	1.67	300.01	-341.64	-12.63	-29.01	320.72
		120	2.57	5.61	-4.19	-3.89	5.32	1.67	264.40	-318.61	-23.86	-30.35	291.49
		119	2.63	6.16	-4.10	-3.83	5.89	1.67	305.57	-288.87	-16.26	32.96	296.20
98	6	110	4.09	10.90	-0.81	-0.60	10.69	1.56	501.27	-429.32	-44.43	116.38	458.29
		111	3.84	10.67	-0.85	-0.63	10.46	1.56	431.34	-447.08	-53.82	38.09	436.80
		121	3.60	10.31	-3.54	-3.36	10.13	1.56	369.91	-443.04	-105.07	31.94	400.66
		120	3.86	10.54	-3.51	-3.33	10.36	1.56	441.80	-427.25	-95.68	110.23	422.15
98	19	110	8.19	14.71	-10.06	-8.76	13.41	5.52	1168.79	-626.10	-43.36	586.04	840.46
		111	7.61	14.35	-10.12	-8.81	13.03	5.52	1026.74	-648.65	-60.99	439.08	799.50
		121	7.23	13.54	-14.96	-13.84	12.42	5.52	922.51	-653.79	-158.65	427.36	731.66
		120	7.83	13.91	-14.90	-13.80	12.81	5.52	1068.05	-634.73	-141.01	574.33	772.62
98	22	110	2.79	6.67	-0.96	-0.69	6.40	1.41	299.84	-337.92	-41.08	2.99	318.12
		111	2.65	6.48	-0.99	-0.71	6.21	1.41	254.28	-351.58	-47.42	-49.88	302.93
		121	2.47	6.18	-3.02	-2.80	5.96	1.41	209.97	-347.84	-83.65	-54.23	278.52
		120	2.62	6.37	-2.99	-2.78	6.15	1.41	256.83	-335.48	-77.30	-1.36	293.71
98	25	110	2.70	6.02	-1.19	-0.84	5.68	1.53	269.60	-346.92	-44.49	-32.83	308.20
		111	2.58	5.83	-1.22	-0.87	5.48	1.53	226.85	-360.77	-50.56	-83.37	293.35
		121	2.41	5.50	-3.25	-2.97	5.23	1.53	183.22	-356.82	-85.98	-87.62	270.02
		120	2.54	5.70	-3.22	-2.95	5.43	1.53	227.18	-344.17	-79.91	-37.08	284.87
99	6	111	3.60	10.69	-0.11	0.05	10.54	1.29	386.88	-435.28	-82.99	34.59	406.86
		112	3.29	10.96	-0.07	0.08	10.81	1.29	318.87	-434.43	-90.18	-25.37	375.25
		122	3.16	10.62	-2.65	-2.53	10.50	1.29	253.73	-453.68	-165.54	-34.42	347.57
		121	3.47	10.35	-2.69	-2.56	10.23	1.29	323.77	-456.56	-158.34	25.55	379.18
99	19	111	7.13	14.25	-6.57	-5.73	13.40	4.12	951.72	-628.90	-110.34	433.16	742.12
		112	6.46	14.59	-6.52	-5.68	13.76	4.12	815.58	-617.82	-123.74	321.50	681.25
		122	6.31	13.95	-10.68	-9.98	13.24	4.12	709.40	-674.21	-268.89	304.08	629.70
		121	6.97	13.60	-10.74	-10.02	12.88	4.12	847.93	-687.68	-255.49	415.74	690.57
99	21	111	2.39	1.41	-2.92	-1.26	-0.25	2.11	22.85	-460.85	-85.59	-352.41	201.72
		112	2.37	1.40	-2.92	-1.26	-0.26	2.11	2.57	-468.13	-88.54	-377.02	185.97
		122	2.29	0.71	-4.22	-3.04	-0.47	2.11	-37.48	-470.15	-126.10	-381.53	174.61
		121	2.31	0.72	-4.22	-3.04	-0.46	2.11	-16.65	-463.41	-123.15	-356.91	190.36
99	24	111	2.39	1.41	-2.92	-1.26	-0.25	2.11	22.85	-460.85	-85.59	-352.41	201.72
		112	2.37	1.40	-2.92	-1.26	-0.26	2.11	2.57	-468.13	-88.54	-377.02	185.97
		122	2.29	0.71	-4.22	-3.04	-0.47	2.11	-37.48	-470.15	-126.10	-381.53	174.61
		121	2.31	0.72	-4.22	-3.04	-0.46	2.11	-16.65	-463.41	-123.15	-356.91	190.36
100	5	112	3.03	1.63	-3.11	-1.20	-0.28	2.33	-6.66	-605.58	-113.64	-498.61	229.41
		113	3.00	1.70	-3.06	-1.19	-0.18	2.33	-30.55	-614.52	-117.16	-527.91	207.55
		123	2.91	1.05	-4.19	-2.77	-0.37	2.33	-85.39	-618.05	-169.27	-534.16	194.02
		122	2.92	0.97	-4.22	-2.78	-0.47	2.33	-60.81	-609.81	-165.76	-504.86	215.88
100	17	112	5.87	15.80	-4.04	-1.96	13.72	6.08	830.01	-417.01	-103.92	516.92	540.74
		113	5.27	16.88	-3.80	-1.82	14.90	6.08	719.33	-388.46	-112.72	443.59	478.99
		123	5.34	16.17	-7.18	-5.48	14.46	6.08	644.90	-478.95	-259.97	425.92	445.14
		122	5.92	15.07	-7.40	-5.62	13.28	6.08	754.69	-506.61	-251.17	499.25	506.89
100	21	112	2.26	1.20	-2.26	-0.85	-0.21	1.70	-6.88	-454.42	-84.74	-376.56	169.65
		113	2.25	1.25	-2.22	-0.84	-0.13	1.70	-24.28	-461.19	-87.33	-398.15	153.53
		123	2.18	0.77	-3.06	-2.02	-0.27	1.70	-64.79	-463.74	-125.78	-402.76	143.56
		122	2.19	0.71	-3.09	-2.03	-0.35	1.70	-46.90	-457.46	-123.19	-381.18	159.69
100	24	112	2.26	1.20	-2.26	-0.85	-0.21	1.70	-6.88	-454.42	-84.74	-376.56	169.65
		113	2.25	1.25	-2.22	-0.84	-0.13	1.70	-24.28	-461.19	-87.33	-398.15	153.53
		123	2.18	0.77	-3.06	-2.02	-0.27	1.70	-64.79	-463.74	-125.78	-402.76	143.56
		122	2.19	0.71	-3.09	-2.03	-0.35	1.70	-46.90	-457.46	-123.19	-381.18	159.69
101	5	113	2.96	1.46	-2.71	-1.08	-0.16	2.03	-1.74	-593.73	-72.88	-522.59	192.49
		114	3.04	0.94	-3.13	-1.18	-1.01	2.03	-24.67	-619.53	-78.10	-566.09	170.09
		124	2.90	0.71	-3.40	-1.63	-1.06	2.03	-85.33	-618.69	-131.52	-572.50	150.01
		123	2.81	1.26	-3.01	-1.53	-0.22	2.03	-62.57	-592.73	-126.30	-529.00	172.41
101	20	113	4.89	2.86	-8.43	1.73	-7.30	-3.38	-16.46	-954.17	-26.40	-944.24	-96.00
		114	4.81	3.14	-7.25	1.88	-5.99	-3.38	-18.36	-945.68	-25.69	-938.35	-82.11
		124	4.86	2.52	-7.41	1.19	-6.08	-3.38	14.09	-941.02	7.45	-934.37	-79.39
		123	4.94	2.23	-8.57	1.03	-7.38	-3.38	15.84	-949.36	6.74	-940.26	-93.28
101	21	113	2.22	1.07	-1.97	-0.78	-0.12	1.49	-2.40	-445.93	-54.16	-394.17	142.40
		114	2.28	0.70	-2.28	-0.85	-0.73	1.49	-19.15	-465.20	-58.02	-426.34	125.80
		124	2.18	0.52	-2.48	-1.19	-0.77	1.49	-64.07	-464.63	-97.61	-431.09	110.95
		123	2.11	0.92	-2.20	-1.12	-0.16	1.49	-47.46	-445.21	-93.75	-398.92	127.55
101	24	113	2.22	1.07	-1.97	-0.78	-0.12	1.49	-2.40	-445.93	-54.16	-394.17	142.40
		114	2.28	0.70	-2.28	-0.85	-0.73	1.49	-19.15	-465.20	-58.02	-426.34	125.80
		124	2.18	0.52	-2.48	-1.19	-0.77	1.49	-64.07	-464.63	-97.61	-431.09	110.95
		123	2.11	0.92	-2.20	-1.12	-0.16	1.49	-47.46	-445.21	-93.75	-398.92	127.55

102	5	114	2.97	0.55	-1.96	-0.49	-0.92	1.24	30.07	-583.26	3.16	-556.34	125.63
		115	3.10	0.05	-2.87	-0.64	-2.18	1.24	13.99	-611.42	-1.58	-595.84	97.46
		125	2.95	0.05	-2.86	-0.63	-2.18	1.24	-57.28	-615.39	-68.76	-603.91	79.22
		124	2.82	0.56	-1.95	-0.48	-0.92	1.24	-41.95	-586.48	-64.02	-564.40	107.39
102	20	114	4.92	1.62	-6.72	1.00	-6.10	-2.19	63.02	-930.90	60.16	-928.05	-53.19
		115	4.96	2.05	-4.78	1.25	-3.99	-2.19	67.22	-946.55	58.94	-938.26	-91.27
		125	4.78	1.22	-5.00	0.33	-4.10	-2.19	-21.92	-959.09	-31.86	-949.16	-95.99
		124	4.74	0.76	-6.90	0.07	-6.21	-2.19	-26.96	-942.62	-30.64	-938.94	-57.91
102	21	114	2.23	0.41	-1.43	-0.35	-0.67	0.91	22.30	-438.62	2.72	-419.05	92.95
		115	2.33	0.03	-2.10	-0.47	-1.60	0.91	10.43	-459.67	-0.80	-448.43	71.80
		125	2.22	0.04	-2.10	-0.46	-1.60	0.91	-42.99	-462.73	-51.23	-454.49	58.24
		124	2.12	0.41	-1.43	-0.35	-0.67	0.91	-31.69	-441.12	-47.71	-425.10	79.39
102	24	114	2.23	0.41	-1.43	-0.35	-0.67	0.91	22.30	-438.62	2.72	-419.05	92.95
		115	2.33	0.03	-2.10	-0.47	-1.60	0.91	10.43	-459.67	-0.80	-448.43	71.80
		125	2.22	0.04	-2.10	-0.46	-1.60	0.91	-42.99	-462.73	-51.23	-454.49	58.24
		124	2.12	0.41	-1.43	-0.35	-0.67	0.91	-31.69	-441.12	-47.71	-425.10	79.39
103	6	40	2.75	3.81	-5.51	-4.77	3.07	-2.51	518.09	-10.84	361.54	145.71	241.45
		116	2.83	4.80	-5.31	-4.64	4.13	-2.51	513.43	-46.33	357.24	109.86	251.07
		126	2.73	5.45	-2.29	-1.37	4.52	-2.51	516.38	-23.60	380.17	112.61	234.52
		45	2.65	4.52	-2.54	-1.49	3.47	-2.51	520.44	12.49	384.47	148.46	224.90
103	19	40	6.43	6.10	-37.02	-36.99	6.07	-1.12	1172.78	34.02	875.13	331.66	500.35
		116	6.42	6.67	-36.95	-36.92	6.65	-1.12	1136.16	-17.02	865.74	253.40	488.58
		126	6.27	5.85	-43.77	-43.74	5.83	-1.12	1083.34	4.37	837.67	250.04	452.46
		45	6.27	5.28	-43.84	-43.81	5.25	-1.12	1119.46	55.90	847.06	328.29	464.23
103	22	40	1.89	2.20	-5.02	-4.57	1.74	-1.75	343.23	-21.67	235.21	86.35	166.58
		116	1.96	2.92	-4.89	-4.48	2.50	-1.75	342.73	-47.51	232.39	62.84	175.74
		126	1.91	3.37	-2.57	-2.00	2.80	-1.75	349.84	-30.14	254.24	65.46	164.88
		45	1.83	2.68	-2.73	-2.09	2.04	-1.75	349.97	-3.93	257.06	88.98	155.72
103	25	40	1.82	1.90	-5.53	-5.13	1.50	-1.68	325.03	-27.32	220.89	76.83	160.78
		116	1.90	2.61	-5.41	-5.04	2.24	-1.68	325.85	-52.87	218.24	54.74	170.81
		126	1.86	3.03	-3.13	-2.63	2.53	-1.68	335.12	-35.35	242.16	57.61	160.61
		45	1.78	2.35	-3.28	-2.72	1.79	-1.68	333.98	-9.47	244.81	79.70	150.58
104	6	116	2.83	4.16	-6.46	-6.24	3.93	-1.52	512.44	-52.65	350.71	109.08	255.41
		117	2.87	4.47	-6.41	-6.20	4.25	-1.52	520.70	-54.34	351.41	114.95	262.08
		127	2.93	4.48	-6.32	-6.10	4.27	-1.52	535.00	-50.83	367.32	116.86	264.79
		126	2.89	4.17	-6.37	-6.14	3.95	-1.52	526.83	-49.24	366.61	110.99	258.12
104	19	116	6.00	6.99	-34.51	-34.46	6.94	1.42	1086.78	9.97	845.74	251.00	448.83
		117	5.95	5.85	-34.65	-34.60	5.80	1.42	1100.57	51.18	851.63	300.12	446.39
		127	6.23	4.83	-43.09	-43.05	4.78	1.42	1115.43	29.79	845.80	299.42	469.06
		126	6.28	5.97	-42.95	-42.91	5.93	1.42	1101.19	-10.98	839.91	250.30	471.51
104	22	116	1.98	2.53	-5.65	-5.50	2.38	-1.09	343.82	-57.01	224.87	61.93	183.11
		117	2.02	2.81	-5.61	-5.47	2.67	-1.09	349.00	-62.41	224.85	61.74	188.85
		127	2.06	2.82	-5.52	-5.37	2.68	-1.09	359.03	-57.13	238.52	63.38	188.75
		126	2.02	2.54	-5.56	-5.41	2.39	-1.09	353.91	-51.79	238.54	63.58	183.02
104	25	116	1.93	2.27	-6.11	-5.97	2.13	-1.05	327.61	-64.59	209.34	53.67	179.99
		117	1.97	2.56	-6.07	-5.94	2.43	-1.05	332.38	-71.76	209.08	51.54	186.08
		127	2.01	2.57	-6.01	-5.88	2.44	-1.05	342.20	-65.31	223.61	53.28	185.10
		126	1.96	2.27	-6.05	-5.92	2.14	-1.05	337.47	-58.19	223.87	55.42	179.01
105	6	117	2.67	4.23	-6.56	-6.54	4.21	-0.39	456.96	-116.64	238.87	101.44	278.45
		118	2.77	4.04	-6.58	-6.57	4.02	-0.39	468.37	-129.41	238.72	100.24	290.76
		128	2.85	3.80	-8.51	-8.50	3.79	-0.39	487.54	-115.69	268.08	103.76	290.21
		127	2.76	3.99	-8.48	-8.47	3.98	-0.39	476.23	-103.04	268.23	104.97	277.89
105	19	117	4.97	6.61	-29.97	-29.74	6.38	2.90	898.44	-86.91	547.87	263.67	471.74
		118	5.14	5.16	-30.16	-29.92	4.92	2.90	930.97	-103.10	549.62	278.26	498.92
		128	5.51	4.16	-38.08	-37.88	3.96	2.90	981.87	-81.41	614.42	286.03	505.65
		127	5.34	5.62	-37.90	-37.70	5.42	2.90	950.04	-65.92	612.67	271.45	478.47
105	22	117	1.90	2.66	-5.58	-5.57	2.65	-0.23	309.10	-103.12	152.89	53.10	199.98
		118	1.96	2.51	-5.59	-5.59	2.51	-0.23	315.48	-112.18	152.60	50.70	207.67
		128	2.01	2.33	-7.08	-7.08	2.33	-0.23	326.75	-102.91	170.94	52.90	206.56
		127	1.95	2.48	-7.07	-7.06	2.48	-0.23	320.41	-93.88	171.22	55.30	198.87
105	25	117	1.86	2.43	-5.96	-5.95	2.43	-0.18	295.69	-110.10	142.10	43.50	196.81
		118	1.92	2.28	-5.98	-5.97	2.28	-0.18	301.17	-119.01	141.73	40.43	203.89
		128	1.96	2.10	-7.51	-7.50	2.09	-0.18	311.17	-110.11	158.60	42.45	202.48
		127	1.91	2.25	-7.49	-7.49	2.25	-0.18	305.71	-101.22	158.97	45.52	195.40
106	6	118	2.69	4.11	-5.95	-5.94	4.10	0.33	403.26	-217.13	102.26	83.87	310.06
		119	2.75	3.77	-5.99	-5.98	3.76	0.33	404.68	-233.67	100.64	70.37	318.82
		129	2.74	3.43	-8.81	-8.80	3.42	0.33	410.73	-216.33	121.52	72.87	312.59
		128	2.67	3.77	-8.77	-8.76	3.76	0.33	409.14	-199.63	123.14	86.37	303.83
106	19	118	4.93	5.90	-24.69	-24.37	5.58	3.09	778.75	-314.60	224.87	239.29	546.63
		119	5.09	4.82	-24.83	-24.50	4.49	3.09	787.09	-352.05	221.75	213.29	569.55
		129	4.99	4.02	-31.03	-30.76	3.74	3.09	806.40	-310.14	276.40	219.85	557.55
		128	4.83	5.10	-30.89	-30.63	4.83	3.09	797.58	-272.21	279.52	245.84	534.63
106	22	118	1.89	2.60	-4.94	-4.92	2.59	0.35	270.96	-168.12	62.90	39.94	219.24
		119	1.93	2.30	-4.97	-4.96	2.29	0.35	271.24	-178.51	61.82	30.91	224.34
		129	1.92	2.04	-7.18	-7.16	2.02	0.35	274.32	-167.98	73.97	32.37	220.17
		128	1.88	2.33	-7.14	-7.13	2.32	0.35	273.96	-157.51	75.06	41.40	215.07
106	25	118	1.85	2.39	-5.23	-5.20	2.37	0.41	258.42	-170.98	57.15	30.28	214.28

		119	1.88	2.07	-5.26	-5.24	2.05	0.41	258.34	-180.55	56.12	21.67	218.77
		129	1.87	1.80	-7.51	-7.50	1.78	0.41	260.80	-171.02	66.82	22.96	214.79
		128	1.83	2.11	-7.48	-7.46	2.10	0.41	260.80	-161.38	67.86	31.57	210.30
107	6	119	2.84	3.90	-5.10	-5.06	3.87	0.57	347.88	-307.72	-16.19	56.35	325.79
		120	2.82	3.65	-5.13	-5.09	3.61	0.57	337.10	-315.57	-18.18	39.72	325.05
		130	2.77	3.30	-7.98	-7.95	3.27	0.57	328.54	-308.98	-19.95	39.51	317.37
		129	2.79	3.55	-7.95	-7.92	3.52	0.57	339.35	-301.17	-17.95	56.14	318.11
107	19	119	5.35	5.40	-19.59	-19.31	5.12	2.63	679.33	-519.03	-23.56	183.86	590.14
		120	5.32	4.66	-19.68	-19.40	4.37	2.63	659.07	-537.13	-27.67	149.61	591.50
		130	5.21	4.08	-24.14	-23.89	3.83	2.63	645.05	-519.47	-24.42	150.00	575.69
		129	5.24	4.82	-24.04	-23.80	4.58	2.63	665.33	-501.39	-20.31	184.25	574.33
107	22	119	1.99	2.44	-4.13	-4.08	2.39	0.55	231.18	-226.36	-16.67	21.49	227.97
		120	1.97	2.21	-4.16	-4.11	2.16	0.55	223.59	-231.18	-18.00	10.41	226.94
		130	1.94	1.94	-6.34	-6.31	1.90	0.55	217.19	-227.52	-20.45	10.12	221.83
		129	1.96	2.16	-6.31	-6.28	2.13	0.55	224.80	-222.73	-19.12	21.20	222.86
107	25	119	1.93	2.22	-4.33	-4.27	2.17	0.61	219.28	-225.28	-18.69	12.69	221.73
		120	1.92	1.98	-4.36	-4.30	1.92	0.61	211.87	-229.66	-19.95	2.17	220.49
		130	1.89	1.70	-6.57	-6.52	1.66	0.61	205.44	-226.53	-22.91	1.81	215.63
		129	1.90	1.94	-6.54	-6.49	1.90	0.61	212.88	-222.19	-21.65	12.34	216.87
108	6	120	2.82	3.77	-4.17	-4.13	3.73	0.56	285.45	-361.60	-105.40	29.25	316.44
		121	2.73	3.62	-4.19	-4.15	3.58	0.56	265.72	-359.28	-107.26	13.70	306.59
		131	2.73	3.30	-6.84	-6.81	3.26	0.56	247.74	-367.61	-130.76	10.88	299.41
		130	2.82	3.44	-6.82	-6.79	3.41	0.56	267.64	-370.09	-128.89	26.43	309.26
108	19	120	5.34	5.14	-14.95	-14.74	4.93	2.03	567.39	-632.16	-194.38	129.61	577.49
		121	5.16	4.62	-15.02	-14.81	4.41	2.03	528.76	-628.41	-198.11	98.47	559.26
		131	5.15	4.19	-18.40	-18.22	4.00	2.03	495.86	-644.19	-241.58	93.25	544.88
		130	5.33	4.70	-18.34	-18.15	4.52	2.03	534.80	-648.25	-237.84	124.39	563.11
108	22	120	1.96	2.32	-3.29	-3.24	2.27	0.53	187.32	-260.69	-76.74	3.36	220.40
		121	1.90	2.19	-3.31	-3.26	2.14	0.53	173.70	-258.82	-77.99	-7.12	213.34
		131	1.90	1.94	-5.26	-5.22	1.90	0.53	160.87	-264.84	-94.82	-9.14	208.50
		130	1.96	2.07	-5.24	-5.20	2.03	0.53	174.61	-266.83	-93.56	1.34	215.55
108	25	120	1.91	2.10	-3.42	-3.35	2.04	0.58	176.55	-257.12	-76.01	-4.56	213.87
		121	1.84	1.95	-3.44	-3.37	1.89	0.58	163.39	-255.18	-77.21	-14.57	206.93
		131	1.84	1.70	-5.37	-5.32	1.66	0.58	150.79	-261.12	-93.77	-16.56	202.30
		130	1.91	1.85	-5.35	-5.30	1.80	0.58	164.07	-263.18	-92.57	-6.54	209.25
109	6	121	2.63	3.72	-3.38	-3.34	3.68	0.53	220.59	-373.81	-160.53	7.31	285.11
		122	2.48	3.78	-3.38	-3.34	3.74	0.53	194.70	-364.25	-162.28	-7.27	268.51
		132	2.53	3.49	-5.70	-5.67	3.46	0.53	171.52	-385.39	-201.86	-12.02	261.78
		131	2.67	3.43	-5.71	-5.68	3.40	0.53	197.47	-395.02	-200.11	2.56	278.38
109	19	121	4.94	5.03	-11.14	-10.98	4.87	1.57	448.16	-656.27	-294.96	86.85	518.17
		122	4.66	4.89	-11.15	-11.00	4.73	1.57	398.26	-637.53	-298.29	59.02	486.10
		132	4.76	4.55	-13.77	-13.63	4.41	1.57	356.24	-681.15	-374.75	49.84	473.26
		131	5.03	4.69	-13.75	-13.61	4.56	1.57	406.09	-699.83	-371.41	77.67	505.32
109	22	121	1.82	2.27	-2.58	-2.54	2.22	0.48	142.36	-267.02	-113.29	-11.36	198.24
		122	1.72	2.28	-2.58	-2.54	2.23	0.48	124.54	-260.32	-114.49	-21.29	186.70
		132	1.75	2.07	-4.21	-4.17	2.04	0.48	108.05	-274.64	-142.00	-24.59	182.12
		131	1.85	2.06	-4.21	-4.17	2.03	0.48	125.94	-281.41	-140.81	-14.66	193.66
109	25	121	1.76	2.04	-2.64	-2.59	1.98	0.52	133.03	-262.26	-110.65	-18.59	192.21
		122	1.67	2.04	-2.64	-2.59	1.98	0.52	115.84	-255.74	-111.79	-28.11	181.02
		132	1.70	1.83	-4.21	-4.17	1.79	0.52	99.67	-269.47	-138.48	-31.31	176.62
		131	1.79	1.84	-4.21	-4.17	1.79	0.52	116.94	-276.06	-137.34	-21.79	187.81
110	6	122	2.27	3.87	-3.01	-2.93	3.79	0.77	159.77	-343.14	-174.62	-8.75	237.38
		123	2.09	3.87	-3.01	-2.93	3.79	0.77	127.96	-328.83	-176.49	-24.37	215.36
		133	2.18	3.72	-4.22	-4.14	3.64	0.77	100.72	-360.41	-229.02	-30.67	208.14
		132	2.35	3.72	-4.22	-4.14	3.64	0.77	132.33	-374.52	-227.14	-15.05	230.17
110	19	122	4.24	5.25	-8.49	-8.29	5.05	1.64	332.33	-600.95	-324.49	55.87	426.13
		123	3.89	5.03	-8.52	-8.32	4.83	1.64	274.38	-573.21	-327.73	28.90	384.46
		133	4.07	4.92	-9.37	-9.18	4.73	1.64	228.17	-638.29	-427.09	16.97	372.01
		132	4.40	5.14	-9.34	-9.15	4.95	1.64	285.27	-665.17	-423.85	43.95	413.68
110	22	122	1.57	2.36	-2.19	-2.11	2.28	0.60	100.88	-244.10	-121.13	-22.08	165.23
		123	1.44	2.34	-2.19	-2.11	2.26	0.60	78.84	-234.34	-122.45	-33.05	150.07
		133	1.50	2.23	-3.00	-2.93	2.16	0.60	59.18	-255.15	-158.58	-37.38	145.01
		132	1.61	2.26	-3.00	-2.93	2.19	0.60	81.17	-264.86	-157.27	-26.42	160.17
110	25	122	1.51	2.13	-2.19	-2.09	2.04	0.62	93.20	-239.36	-117.38	-28.78	160.27
		123	1.39	2.09	-2.19	-2.10	1.99	0.62	71.89	-230.00	-118.66	-39.45	145.65
		133	1.44	1.98	-2.95	-2.87	1.90	0.62	52.50	-249.65	-153.51	-43.63	140.73
		132	1.56	2.02	-2.95	-2.87	1.94	0.62	73.80	-259.00	-152.23	-32.96	155.35
111	6	123	1.78	4.06	-2.46	-2.27	3.87	1.10	116.19	-270.59	-135.01	-19.39	184.54
		124	1.58	3.27	-2.58	-2.36	3.06	1.10	72.12	-262.23	-138.83	-51.28	161.34
		134	1.59	3.33	-2.22	-1.99	3.10	1.10	35.63	-287.71	-194.17	-57.92	146.62
		133	1.79	4.11	-2.10	-1.90	3.91	1.10	80.47	-296.84	-190.34	-26.03	169.82
111	19	123	3.30	5.49	-5.82	-5.49	5.17	1.89	248.33	-472.18	-260.78	36.93	328.06
		124	2.93	4.09	-6.03	-5.66	3.73	1.89	171.38	-455.36	-267.22	-16.76	287.26
		134	3.00	4.29	-4.82	-4.41	3.88	1.89	115.19	-508.13	-364.50	-28.43	262.48
		133	3.35	5.68	-4.60	-4.24	5.32	1.89	192.36	-525.17	-358.06	25.26	303.28
111	22	123	1.22	2.47	-1.71	-1.56	2.32	0.78	71.92	-192.54	-91.31	-29.31	128.54
		124	1.08	1.94	-1.79	-1.62	1.77	0.78	41.35	-186.97	-93.99	-51.62	112.18

		134	1.09	1.98	-1.55	-1.37	1.80	0.78	14.20	-203.52	-133.01	-56.31	101.88
		133	1.22	2.51	-1.46	-1.31	2.35	0.78	45.51	-209.84	-130.33	-33.99	118.24
111	25	123	1.18	2.22	-1.66	-1.51	2.07	0.76	65.83	-188.95	-87.42	-35.70	124.74
		124	1.05	1.72	-1.74	-1.57	1.54	0.76	36.27	-183.70	-90.03	-57.40	108.77
		134	1.05	1.76	-1.51	-1.32	1.57	0.76	9.11	-199.18	-128.10	-61.97	98.75
		133	1.17	2.26	-1.42	-1.26	2.10	0.76	39.50	-205.26	-125.49	-40.27	114.72
112	6	124	0.90	3.29	-0.98	-0.92	3.23	0.53	58.79	-141.89	-43.29	-39.81	100.33
		125	0.79	2.91	-1.04	-0.96	2.84	0.53	33.32	-138.45	-45.65	-59.48	85.60
		135	0.76	2.99	-0.44	-0.36	2.91	0.53	4.77	-149.23	-80.76	-63.69	76.53
		134	0.87	3.38	-0.39	-0.31	3.30	0.53	31.64	-154.07	-78.40	-44.02	91.25
112	19	124	1.69	4.27	-2.09	-2.00	4.17	0.78	141.53	-233.63	-95.90	3.80	180.83
		125	1.49	3.81	-2.16	-2.05	3.71	0.78	96.63	-230.78	-100.41	-33.74	160.27
		135	1.44	3.97	-1.06	-0.93	3.84	0.78	58.59	-247.65	-149.43	-39.63	142.94
		134	1.63	4.42	-0.99	-0.88	4.30	0.78	104.92	-251.93	-144.93	-2.08	163.50
112	21	124	0.63	-0.06	-0.47	-0.29	-0.23	0.20	13.95	-119.98	-8.41	-97.61	49.95
		125	0.61	-0.05	-0.46	-0.29	-0.22	0.20	3.37	-121.79	-9.74	-108.69	38.32
		135	0.57	0.03	-0.37	-0.15	-0.20	0.20	-24.82	-124.66	-37.47	-112.01	33.21
		134	0.59	0.02	-0.38	-0.15	-0.21	0.20	-13.22	-123.86	-36.14	-100.94	44.84
112	24	124	0.63	-0.06	-0.47	-0.29	-0.23	0.20	13.95	-119.98	-8.41	-97.61	49.95
		125	0.61	-0.05	-0.46	-0.29	-0.22	0.20	3.37	-121.79	-9.74	-108.69	38.32
		135	0.57	0.03	-0.37	-0.15	-0.20	0.20	-24.82	-124.66	-37.47	-112.01	33.21
		134	0.59	0.02	-0.38	-0.15	-0.21	0.20	-13.22	-123.86	-36.14	-100.94	44.84
113	6	217	1.99	-0.09	-3.50	-0.09	-3.50	-0.03	380.20	-46.70	233.50	100.00	-202.74
		136	2.21	-0.10	-3.57	-0.10	-3.56	-0.03	379.51	-115.06	226.10	38.35	-228.77
		137	2.32	0.40	-3.50	0.40	-3.50	-0.03	363.18	-168.23	164.05	30.90	-257.23
		218	2.10	0.41	-3.44	0.41	-3.44	-0.03	366.54	-102.55	171.45	92.55	-231.20
113	17	217	3.39	-0.82	-4.85	-0.82	-4.85	-0.01	655.31	-63.46	395.58	196.28	-345.29
		136	3.74	-0.77	-4.48	-0.77	-4.48	-0.01	655.23	-181.58	382.92	90.74	-392.07
		137	3.94	0.30	-4.35	0.30	-4.35	-0.01	625.71	-276.97	271.38	77.35	-440.79
		218	3.57	0.25	-4.72	0.25	-4.72	-0.01	630.71	-163.78	284.04	182.89	-394.01
113	22	217	1.32	-0.05	-2.10	-0.05	-2.09	-0.02	253.84	-29.23	155.46	69.15	-134.80
		136	1.47	-0.05	-2.14	-0.06	-2.13	-0.02	253.32	-74.79	150.52	28.01	-152.19
		137	1.54	0.24	-2.10	0.24	-2.10	-0.02	242.55	-110.45	109.06	23.04	-171.18
		218	1.39	0.25	-2.06	0.25	-2.06	-0.02	244.89	-66.71	114.00	64.18	-153.79
113	25	217	1.25	-0.04	-1.86	-0.04	-1.86	-0.02	240.82	-26.63	147.21	66.97	-127.56
		136	1.39	-0.05	-1.89	-0.05	-1.89	-0.02	240.29	-69.80	142.53	27.96	-144.07
		137	1.46	0.22	-1.86	0.22	-1.86	-0.02	230.14	-103.74	103.16	23.23	-162.09
		218	1.32	0.22	-1.83	0.22	-1.83	-0.02	232.40	-62.30	107.84	62.25	-145.58
114	6	136	4.34	-0.03	-3.56	-0.03	-3.56	2.33e-03	825.06	-102.80	634.86	87.40	-374.57
		138	4.80	-0.04	-3.66	-0.04	-3.66	2.33e-03	853.02	-206.84	626.71	19.47	-434.33
		139	4.64	0.37	-3.61	0.37	-3.61	2.33e-03	767.61	-281.02	484.22	2.37	-465.69
		137	4.15	0.38	-3.51	0.38	-3.51	2.33e-03	738.85	-176.17	492.37	70.30	-405.93
114	17	136	7.33	-1.51	-4.63	-1.56	-4.57	-0.42	1404.67	-161.43	1070.05	173.19	-641.94
		138	8.11	-1.52	-4.74	-1.58	-4.69	-0.42	1452.75	-341.62	1055.89	55.23	-744.72
		139	7.88	0.07	-4.53	0.03	-4.49	-0.42	1308.68	-472.04	810.81	25.82	-799.18
		137	7.03	0.09	-4.42	0.05	-4.38	-0.42	1259.60	-290.85	824.97	143.78	-696.40
114	22	136	2.88	0.01	-2.13	0.01	-2.13	-0.01	549.53	-66.27	422.60	60.66	-249.11
		138	3.19	2.21e-03	-2.20	2.15e-03	-2.20	-0.01	568.03	-135.57	417.16	15.31	-288.78
		139	3.08	0.24	-2.17	0.24	-2.17	-0.01	511.54	-185.02	322.56	3.96	-309.71
		137	2.76	0.25	-2.10	0.25	-2.10	-0.01	492.53	-115.22	328.01	49.31	-270.04
114	25	136	2.73	0.03	-1.89	0.03	-1.89	-0.02	520.54	-61.55	400.12	58.87	-235.79
		138	3.01	0.02	-1.95	0.02	-1.95	-0.02	538.01	-127.21	394.96	15.83	-273.30
		139	2.91	0.22	-1.93	0.22	-1.93	-0.02	484.71	-174.11	305.50	5.10	-293.17
		137	2.61	0.23	-1.86	0.23	-1.86	-0.02	466.78	-107.98	310.67	48.13	-255.65
115	6	138	6.33	-0.20	-3.70	-0.22	-3.69	0.23	1169.39	-211.01	905.46	52.92	-542.83
		140	6.78	-0.20	-3.70	-0.22	-3.68	0.23	1217.38	-283.27	902.86	31.26	-610.79
		141	6.40	0.10	-3.66	0.08	-3.64	0.23	1096.20	-343.58	740.81	11.81	-620.79
		139	5.91	0.10	-3.66	0.08	-3.65	0.23	1045.43	-268.54	743.41	33.47	-552.83
115	17	138	10.70	-1.43	-4.82	-1.57	-4.69	-0.67	1981.38	-350.40	1520.04	110.93	-928.93
		140	11.48	-1.45	-4.95	-1.59	-4.81	-0.67	2061.84	-476.28	1515.18	70.39	-1043.39
		141	10.89	0.12	-4.72	0.02	-4.62	-0.67	1860.94	-581.06	1242.25	37.63	-1062.10
		139	10.05	0.13	-4.59	0.04	-4.49	-0.67	1776.03	-450.74	1247.11	78.18	-947.64
115	22	138	4.21	-0.06	-2.21	-0.07	-2.21	0.12	778.67	-138.13	602.94	37.60	-360.87
		140	4.51	-0.06	-2.22	-0.07	-2.21	0.12	810.54	-186.19	601.20	23.15	-406.00
		141	4.25	0.08	-2.20	0.07	-2.20	0.12	730.15	-226.31	493.60	10.24	-412.67
		139	3.93	0.08	-2.20	0.07	-2.19	0.12	696.44	-176.41	495.34	24.69	-367.54
115	25	138	3.98	-0.01	-1.96	-0.02	-1.96	0.10	737.41	-129.54	570.92	36.95	-341.49
		140	4.27	-0.01	-1.97	-0.02	-1.97	0.10	767.53	-175.05	569.27	23.21	-384.15
		141	4.03	0.09	-1.96	0.08	-1.96	0.10	691.60	-213.03	467.56	11.01	-390.49
		139	3.72	0.09	-1.95	0.08	-1.95	0.10	659.74	-165.79	469.21	24.74	-347.83
116	6	140	8.03	-0.90	-3.88	-1.01	-3.78	0.56	1452.69	-323.21	1077.29	52.19	-725.09
		142	8.51	-0.89	-3.77	-1.00	-3.66	0.56	1506.18	-392.67	1075.58	37.93	-795.13
		143	8.11	-0.43	-3.70	-0.52	-3.60	0.56	1380.32	-453.87	908.56	17.89	-801.71
		141	7.60	-0.44	-3.81	-0.54	-3.72	0.56	1324.50	-382.09	910.27	32.15	-731.67
116	17	140	13.58	-1.04	-4.92	-1.19	-4.77	-0.75	2450.19	-544.71	1800.82	104.66	-1234.14
		142	14.38	-1.05	-4.96	-1.20	-4.81	-0.75	2537.83	-663.75	1797.45	76.63	-1349.90
		143	13.77	0.24	-4.77	0.13	-4.65	-0.75	2332.76	-767.82	1521.43	43.51	-1362.84

		141	12.92	0.25	-4.72	0.13	-4.61	-0.75	2241.50	-645.16	1524.80	71.54	-1247.08
116	22	140	5.34	-0.45	-2.33	-0.51	-2.27	0.33	967.56	-212.59	717.83	37.15	-482.03
		142	5.66	-0.44	-2.26	-0.51	-2.20	0.33	1003.23	-258.78	716.70	27.75	-528.67
		143	5.39	-0.25	-2.24	-0.31	-2.18	0.33	919.41	-299.52	605.49	14.40	-533.01
		141	5.05	-0.26	-2.30	-0.31	-2.24	0.33	882.20	-251.78	606.62	23.80	-486.37
116	25	140	5.05	-0.34	-2.06	-0.39	-2.01	0.29	916.27	-199.96	679.83	36.48	-456.08
		142	5.35	-0.33	-2.01	-0.38	-1.96	0.29	950.02	-243.67	678.76	27.59	-500.22
		143	5.10	-0.21	-1.99	-0.25	-1.95	0.29	870.73	-282.24	573.53	14.96	-504.32
		141	4.78	-0.21	-2.04	-0.26	-2.00	0.29	835.51	-237.06	574.60	23.85	-460.19
117	6	142	9.57	-2.11	-4.29	-2.55	-3.84	0.88	1675.15	-457.17	1168.85	49.12	-907.33
		144	10.06	-2.04	-4.12	-2.53	-3.63	0.88	1729.49	-524.90	1167.41	37.18	-975.30
		145	9.68	-1.07	-3.81	-1.39	-3.49	0.88	1609.65	-586.58	1005.34	17.73	-980.82
		143	9.17	-1.12	-4.00	-1.42	-3.71	0.88	1553.59	-517.14	1006.77	29.68	-912.85
117	17	142	16.05	-0.54	-4.91	-0.70	-4.75	-0.82	2810.64	-771.61	1944.72	94.30	-1533.66
		144	16.85	-0.54	-4.92	-0.70	-4.76	-0.82	2897.58	-885.67	1941.82	70.09	-1643.90
		145	16.30	0.59	-4.75	0.46	-4.62	-0.82	2705.92	-988.41	1678.96	38.55	-1655.08
		143	15.48	0.59	-4.74	0.46	-4.61	-0.82	2616.41	-871.79	1681.86	62.76	-1544.84
117	22	142	6.37	-1.18	-2.59	-1.45	-2.32	0.56	1117.10	-301.43	780.30	35.38	-603.60
		144	6.69	-1.15	-2.49	-1.44	-2.20	0.56	1153.55	-346.61	779.36	27.58	-649.10
		145	6.44	-0.66	-2.34	-0.87	-2.13	0.56	1073.26	-387.83	670.87	14.56	-652.70
		143	6.10	-0.68	-2.44	-0.88	-2.25	0.56	1035.65	-341.49	671.80	22.36	-607.20
117	25	142	6.03	-0.99	-2.29	-1.22	-2.06	0.50	1058.27	-283.93	739.47	34.87	-571.19
		144	6.33	-0.96	-2.21	-1.21	-1.96	0.50	1092.86	-326.73	738.59	27.54	-614.34
		145	6.10	-0.57	-2.10	-0.76	-1.91	0.50	1016.72	-365.81	635.71	15.19	-617.72
		143	5.78	-0.60	-2.19	-0.77	-2.01	0.50	981.03	-321.91	636.59	22.53	-574.58
118	6	144	10.73	-3.14	-5.58	-4.81	-3.91	1.13	1791.57	-624.99	1133.48	33.11	-1075.75
		146	11.16	-2.92	-5.47	-4.78	-3.61	1.13	1837.02	-684.99	1131.92	20.11	-1131.85
		147	10.88	-1.60	-4.06	-2.34	-3.32	1.13	1742.77	-740.58	998.13	4.06	-1137.85
		145	10.44	-1.70	-4.28	-2.37	-3.61	1.13	1696.46	-679.72	999.69	17.05	-1081.75
118	17	144	17.85	0.18	-4.89	-0.03	-4.68	-1.02	2988.43	-1050.68	1875.61	62.15	-1804.56
		146	18.53	0.17	-4.93	-0.04	-4.72	-1.02	3057.98	-1149.73	1872.45	35.80	-1892.85
		147	18.18	1.48	-4.73	1.31	-4.56	-1.02	2912.49	-1240.03	1661.92	10.53	-1905.01
		145	17.49	1.49	-4.69	1.32	-4.52	-1.02	2841.77	-1139.80	1665.09	36.88	-1816.72
118	22	144	7.16	-1.84	-3.47	-2.93	-2.38	0.77	1198.46	-412.50	760.63	25.34	-716.68
		146	7.44	-1.72	-3.40	-2.91	-2.21	0.77	1229.38	-452.92	759.61	16.85	-754.73
		147	7.26	-0.97	-2.59	-1.51	-2.04	0.77	1165.33	-490.47	668.90	5.96	-758.65
		145	6.96	-1.03	-2.71	-1.53	-2.21	0.77	1133.82	-449.45	669.92	14.45	-720.60
118	25	144	6.78	-1.60	-3.10	-2.57	-2.13	0.72	1136.72	-388.81	722.33	25.59	-678.56
		146	7.05	-1.50	-3.04	-2.55	-1.99	0.72	1166.23	-427.26	721.37	17.60	-714.83
		147	6.87	-0.85	-2.36	-1.36	-1.84	0.72	1105.13	-463.00	634.91	7.23	-718.51
		145	6.59	-0.90	-2.46	-1.38	-1.98	0.72	1075.05	-423.97	635.86	15.21	-682.25
119	6	146	11.22	-3.59	-7.91	-7.56	-3.95	1.18	1722.48	-846.66	885.31	-9.48	-1204.14
		148	11.48	-3.12	-7.82	-7.50	-3.44	1.18	1745.84	-885.37	883.66	-23.19	-1235.00
		149	11.35	-1.79	-4.16	-3.04	-2.91	1.18	1699.82	-921.76	810.08	-32.02	-1241.33
		147	11.10	-2.06	-4.45	-3.10	-3.41	1.18	1676.35	-882.93	811.73	-18.31	-1210.47
119	17	146	18.55	1.43	-4.93	1.09	-4.58	-1.45	2853.79	-1413.95	1454.23	-14.39	-2003.54
		148	18.92	1.45	-4.86	1.10	-4.51	-1.45	2884.80	-1474.96	1451.02	-41.18	-2048.22
		149	18.85	3.39	-4.54	3.12	-4.27	-1.45	2821.26	-1530.72	1344.50	-53.96	-2060.59
		147	18.48	3.38	-4.61	3.11	-4.34	-1.45	2790.17	-1469.63	1347.71	-27.17	-2015.91
119	22	146	7.52	-2.15	-5.20	-4.90	-2.45	0.91	1159.81	-558.65	603.10	-1.94	-804.22
		148	7.70	-1.87	-5.14	-4.87	-2.15	0.91	1176.32	-585.58	601.98	-11.24	-825.87
		149	7.61	-1.01	-2.84	-2.05	-1.81	0.91	1143.82	-610.92	550.34	-17.44	-830.17
		147	7.43	-1.19	-3.01	-2.09	-2.11	0.91	1127.22	-583.90	551.46	-8.13	-808.51
119	25	146	7.13	-1.90	-4.78	-4.47	-2.22	0.90	1103.08	-526.55	576.34	0.20	-762.19
		148	7.30	-1.66	-4.73	-4.44	-1.95	0.90	1119.08	-552.50	575.27	-8.69	-783.13
		149	7.22	-0.86	-2.67	-1.89	-1.64	0.90	1087.59	-576.92	525.35	-14.68	-787.23
		147	7.05	-1.02	-2.82	-1.92	-1.91	0.90	1071.50	-550.87	526.42	-5.79	-766.30
120	6	148	10.72	-3.66	-9.95	-9.89	-3.73	0.62	1348.45	-1161.31	282.47	-95.34	-1240.58
		150	10.66	-2.99	-9.86	-9.80	-3.04	0.62	1327.38	-1167.40	279.56	-119.59	-1231.32
		151	10.74	-1.91	-3.43	-3.10	-2.24	0.62	1352.37	-1167.67	301.64	-116.94	-1242.52
		149	10.80	-2.42	-3.69	-3.19	-2.92	0.62	1373.36	-1161.50	304.55	-92.69	-1251.78
120	17	148	17.73	4.41	-4.94	3.66	-4.20	-2.53	2213.20	-1926.95	447.82	-161.56	-2047.53
		150	17.54	4.44	-4.78	3.68	-4.02	-2.53	2170.13	-1926.76	443.22	-199.85	-2023.05
		151	17.75	6.92	-4.31	6.31	-3.71	-2.53	2224.43	-1915.68	501.59	-192.85	-2040.72
		149	17.93	6.89	-4.48	6.29	-3.88	-2.53	2267.28	-1915.65	506.19	-154.56	-2065.20
120	22	148	7.23	-2.28	-7.13	-7.00	-2.40	0.76	922.63	-763.96	216.20	-57.54	-832.11
		150	7.21	-1.87	-7.07	-6.95	-1.98	0.76	910.34	-770.74	214.16	-74.56	-828.05
		151	7.26	-0.96	-2.68	-2.22	-1.41	0.76	924.24	-773.79	223.85	-73.39	-835.91
		149	7.28	-1.26	-2.84	-2.27	-1.84	0.76	936.50	-766.98	225.89	-56.37	-839.97
120	25	148	6.88	-2.06	-6.84	-6.68	-2.22	0.86	883.61	-719.12	216.26	-51.77	-790.08
		150	6.86	-1.69	-6.78	-6.63	-1.84	0.86	872.71	-726.66	214.29	-68.23	-787.11
		151	6.91	-0.74	-2.64	-2.10	-1.29	0.86	884.71	-730.72	221.37	-67.38	-794.71
		149	6.93	-1.01	-2.80	-2.14	-1.67	0.86	895.60	-723.17	223.35	-50.92	-797.68
121	6	150	10.60	-2.28	-9.04	-8.44	-2.88	-1.92	480.08	-1846.80	-1083.55	-283.16	-1092.44
		152	9.05	1.51	-8.35	-7.96	1.13	-1.92	195.07	-1701.87	-1098.56	-408.24	-883.44
		153	8.49	2.45	-3.49	-2.79	1.75	-1.92	475.24	-1423.87	-600.19	-348.43	-941.18
		151	10.19	-0.78	-4.75	-3.27	-2.26	-1.92	760.05	-1568.60	-585.19	-223.36	-1150.18

121	17	150	17.26	14.16	-5.23	11.96	-3.03	-6.16	807.43	-3025.53	-1754.52	-463.58	-1804.51
		152	14.73	15.47	-0.60	12.60	2.27	-6.16	360.87	-2789.91	-1777.12	-651.91	-1471.51
		153	14.09	13.41	-1.34	10.09	1.97	-6.16	803.11	-2342.83	-983.09	-556.63	-1558.45
		151	16.80	11.94	-5.81	9.46	-3.33	-6.16	1250.10	-2578.88	-960.49	-368.29	-1891.45
121	22	150	7.02	-1.99	-7.49	-7.44	-2.04	-0.53	347.69	-1205.26	-676.18	-181.40	-736.01
		152	5.99	0.66	-7.16	-7.12	0.62	-0.53	159.76	-1111.00	-686.22	-265.03	-599.46
		153	5.67	1.31	-2.13	-2.05	1.23	-0.53	348.32	-934.91	-360.63	-225.96	-638.07
		151	6.78	-1.19	-2.61	-2.37	-1.43	-0.53	535.13	-1028.04	-350.59	-142.33	-774.62
121	25	150	6.63	-1.96	-7.71	-7.70	-1.97	-0.17	341.24	-1130.38	-620.70	-168.43	-700.20
		152	5.66	0.54	-7.40	-7.40	0.54	-0.17	164.40	-1042.24	-630.21	-247.64	-572.19
		153	5.37	1.21	-1.95	-1.94	1.20	-0.17	343.42	-879.41	-324.99	-211.01	-608.76
		151	6.41	-1.28	-2.27	-2.24	-1.31	-0.17	518.82	-966.11	-315.48	-131.80	-736.76
122	6	152	12.68	8.36	-3.67	2.33	2.36	-6.02	-456.87	-2772.07	-2636.18	-592.75	-544.18
		1	12.70	1.48	-21.00	-0.26	-19.26	-6.02	-866.65	-2897.20	-2693.49	-1070.36	-610.04
		4	14.22	0.48	-21.21	-1.34	-19.39	-6.02	-759.36	-3180.37	-2850.53	-1089.20	-830.52
		153	14.17	7.78	-4.30	1.25	2.23	-6.02	-370.28	-3034.53	-2793.21	-611.60	-764.66
122	17	152	20.33	38.13	0.51	33.83	4.82	-11.98	-658.89	-4317.18	-4051.26	-924.81	-949.80
		1	20.72	32.35	-29.89	29.95	-27.49	-11.98	-1205.22	-4590.03	-4139.03	-1656.23	-1150.29
		4	23.63	17.87	-32.35	14.83	-29.31	-11.98	-1086.52	-5244.17	-4617.09	-1713.60	-1487.93
		153	23.14	25.18	-3.47	18.71	3.00	-11.98	-564.16	-4947.34	-4529.32	-982.18	-1287.44
122	22	152	8.57	2.65	-4.36	-2.85	1.13	-2.89	-298.16	-1850.50	-1755.33	-393.32	-372.38
		1	8.46	-3.48	-13.12	-4.44	-12.16	-2.89	-585.18	-1915.65	-1793.07	-707.76	-384.79
		4	9.06	-0.06	-12.44	-0.77	-11.72	-2.89	-499.12	-2034.85	-1822.66	-711.31	-529.95
		153	9.14	4.11	-1.71	0.82	1.57	-2.89	-225.16	-1956.65	-1784.93	-396.87	-517.53
122	25	152	8.16	1.69	-5.31	-4.51	0.89	-2.23	-279.25	-1753.71	-1661.56	-371.40	-356.91
		1	8.01	-5.14	-11.99	-5.96	-11.17	-2.23	-556.66	-1807.46	-1697.04	-667.08	-354.85
		4	8.39	-0.11	-11.00	-0.58	-10.52	-2.23	-469.10	-1889.53	-1692.13	-666.49	-491.35
		153	8.53	3.45	-1.05	0.86	1.53	-2.23	-203.30	-1824.16	-1656.65	-370.81	-493.41
123	6	218	3.30	-0.42	-10.35	-0.42	-10.35	-0.09	433.23	-326.71	154.57	-48.05	-366.21
		137	3.52	-0.47	-10.77	-0.47	-10.77	-0.09	416.06	-389.65	145.99	-119.58	-380.34
		155	3.74	0.42	-10.66	0.42	-10.66	-0.09	424.20	-435.53	112.30	-123.62	-413.36
		219	3.54	0.47	-10.24	0.47	-10.24	-0.09	442.89	-374.10	120.88	-52.09	-399.23
123	17	218	5.47	-0.80	-13.73	-0.82	-13.70	-0.56	795.90	-464.95	269.47	61.47	-621.79
		137	5.82	-0.74	-13.23	-0.77	-13.21	-0.56	767.80	-577.62	254.39	-64.20	-653.58
		155	6.22	0.36	-13.10	0.34	-13.08	-0.56	775.30	-670.01	178.59	-73.30	-711.59
		219	5.89	0.30	-13.59	0.28	-13.57	-0.56	806.49	-560.44	193.67	52.38	-679.80
123	22	218	2.18	-0.25	-6.19	-0.25	-6.19	-0.06	292.09	-211.69	103.53	-23.12	-243.80
		137	2.32	-0.28	-6.44	-0.28	-6.44	-0.06	280.31	-253.70	97.76	-71.16	-253.29
		155	2.47	0.25	-6.38	0.25	-6.38	-0.06	285.99	-284.74	75.12	-73.87	-275.47
		219	2.34	0.28	-6.12	0.28	-6.12	-0.06	298.80	-243.75	80.88	-25.84	-265.97
123	25	218	2.06	-0.21	-5.49	-0.21	-5.49	-0.07	278.87	-196.91	98.40	-16.44	-230.86
		137	2.19	-0.24	-5.71	-0.24	-5.71	-0.07	267.54	-236.79	92.91	-62.17	-239.95
		155	2.33	0.23	-5.66	0.23	-5.66	-0.07	273.01	-266.53	71.24	-64.77	-261.06
		219	2.21	0.25	-5.43	0.25	-5.43	-0.07	285.32	-227.63	76.73	-19.04	-251.97
124	6	137	5.25	-0.48	-10.77	-0.49	-10.77	0.13	794.36	-400.22	474.32	-80.18	-529.04
		139	5.90	-0.53	-11.19	-0.54	-11.18	0.13	836.33	-518.19	466.17	-148.04	-603.63
		156	5.82	0.41	-11.07	0.40	-11.07	0.13	734.41	-615.47	288.32	-169.38	-634.96
		155	5.15	0.46	-10.66	0.45	-10.66	0.13	692.12	-497.18	296.46	-101.52	-560.37
124	17	137	8.81	-0.86	-13.40	-1.02	-13.24	-1.40	1399.55	-589.34	807.98	2.23	-909.18
		139	9.93	-0.94	-13.97	-1.09	-13.82	-1.40	1470.44	-801.25	792.87	-123.69	-1039.29
		156	9.89	0.27	-13.81	0.13	-13.67	-1.40	1304.48	-982.76	482.64	-160.92	-1097.42
		155	8.72	0.34	-13.24	0.20	-13.09	-1.40	1234.69	-771.94	497.75	-35.00	-967.31
124	22	137	3.48	-0.28	-6.44	-0.28	-6.44	0.05	531.77	-259.94	316.70	-44.88	-352.16
		139	3.91	-0.31	-6.72	-0.31	-6.72	0.05	559.28	-338.77	311.21	-90.70	-401.55
		156	3.86	0.25	-6.65	0.25	-6.65	0.05	492.54	-403.94	193.44	-104.84	-422.70
		155	3.42	0.29	-6.38	0.29	-6.38	0.05	464.92	-325.00	198.93	-59.01	-373.31
124	25	137	3.28	-0.23	-5.71	-0.23	-5.71	0.03	505.40	-242.24	300.42	-37.26	-333.51
		139	3.69	-0.26	-5.97	-0.26	-5.97	0.03	531.22	-317.12	295.16	-81.07	-380.17
		156	3.65	0.23	-5.91	0.23	-5.91	0.03	468.64	-379.14	183.91	-94.42	-400.39
		155	3.23	0.26	-5.65	0.26	-5.65	0.03	442.78	-304.22	189.17	-50.62	-353.73
125	6	139	7.09	-0.78	-11.27	-0.82	-11.22	0.71	1113.25	-504.82	725.37	-116.93	-690.78
		141	7.87	-0.79	-11.37	-0.84	-11.32	0.71	1203.96	-603.28	724.53	-123.86	-797.87
		157	7.39	0.21	-11.25	0.17	-11.20	0.71	1016.96	-702.28	469.18	-154.50	-801.06
		156	6.56	0.23	-11.14	0.18	-11.10	0.71	920.79	-598.35	470.01	-147.57	-693.97
125	17	139	12.01	-0.84	-14.06	-1.08	-13.82	-1.77	1933.02	-775.18	1229.17	-71.33	-1187.76
		141	13.36	-0.88	-14.38	-1.12	-14.14	-1.77	2084.41	-954.76	1226.15	-96.50	-1368.13
		157	12.65	0.26	-14.22	0.04	-14.00	-1.77	1782.25	-1134.30	796.06	-148.11	-1379.75
		156	11.20	0.30	-13.90	0.07	-13.68	-1.77	1622.99	-946.86	799.08	-122.95	-1199.37
125	22	139	4.70	-0.45	-6.76	-0.48	-6.74	0.41	743.42	-329.41	483.98	-69.97	-459.38
		141	5.22	-0.46	-6.85	-0.49	-6.82	0.41	803.62	-395.09	483.39	-74.86	-530.40
		157	4.91	0.14	-6.78	0.11	-6.75	0.41	680.03	-461.17	314.05	-95.18	-532.65
		156	4.35	0.15	-6.69	0.12	-6.66	0.41	616.25	-391.91	314.63	-90.29	-461.63
125	25	139	4.44	-0.38	-6.01	-0.40	-5.99	0.35	705.43	-307.99	458.87	-61.42	-434.83
		141	4.93	-0.39	-6.10	-0.41	-6.08	0.35	762.32	-370.35	458.28	-66.31	-501.93
		157	4.64	0.13	-6.03	0.11	-6.01	0.35	645.86	-433.09	298.28	-85.51	-504.19
		156	4.11	0.14	-5.94	0.12	-5.92	0.35	585.63	-367.37	298.87	-80.62	-437.09
126	6	141	9.03	-1.27	-11.59	-1.46	-11.40	1.41	1431.85	-641.38	893.99	-103.52	-908.74

		143	9.89	-1.24	-11.43	-1.44	-11.23	1.41	1538.61	-743.49	894.49	-99.37	-1027.16
		158	9.34	-0.16	-11.28	-0.34	-11.10	1.41	1330.32	-851.45	612.12	-133.25	-1025.25
		157	8.43	-0.18	-11.44	-0.36	-11.27	1.41	1218.23	-744.01	611.62	-137.40	-906.83
126	17	141	15.36	-0.73	-14.41	-1.01	-14.13	-1.96	2463.57	-1017.46	1508.70	-62.59	-1553.11
		143	16.83	-0.71	-14.29	-1.00	-14.00	-1.96	2637.83	-1198.83	1507.94	-68.94	-1748.82
		158	15.99	-0.05	-14.20	-0.32	-13.92	-1.96	2304.42	-1388.08	1041.28	-124.94	-1751.75
		157	14.45	-0.07	-14.32	-0.34	-14.05	-1.96	2122.45	-1199.01	1042.04	-118.59	-1556.04
126	22	141	5.99	-0.75	-6.99	-0.87	-6.87	0.86	955.36	-420.26	596.40	-61.30	-604.10
		143	6.56	-0.74	-6.92	-0.86	-6.80	0.86	1026.49	-488.33	596.73	-58.57	-682.87
		158	6.20	-0.10	-6.83	-0.21	-6.72	0.86	888.21	-560.41	408.91	-81.11	-681.61
		157	5.59	-0.11	-6.90	-0.22	-6.79	0.86	813.56	-488.81	408.59	-83.84	-602.84
126	25	141	5.66	-0.65	-6.22	-0.75	-6.12	0.77	905.91	-394.06	565.32	-53.47	-571.63
		143	6.21	-0.64	-6.18	-0.75	-6.07	0.77	973.20	-458.64	565.61	-51.05	-646.13
		158	5.86	-0.09	-6.10	-0.19	-6.00	0.77	842.65	-527.04	387.97	-72.37	-645.01
		157	5.29	-0.09	-6.15	-0.19	-6.05	0.77	772.04	-459.14	387.68	-74.79	-570.51
127	6	143	10.95	-1.92	-11.75	-2.33	-11.34	1.97	1712.51	-807.39	992.70	-87.58	-1138.30
		145	11.86	-1.87	-11.46	-2.30	-11.03	1.97	1819.52	-916.48	992.48	-89.44	-1256.49
		159	11.37	-0.52	-11.24	-0.90	-10.87	1.97	1618.38	-1030.99	710.65	-123.26	-1257.35
		158	10.42	-0.57	-11.54	-0.93	-11.17	1.97	1507.52	-918.05	710.87	-121.40	-1139.16
127	17	143	18.55	-0.25	-14.37	-0.66	-13.96	-2.36	2922.62	-1303.95	1668.37	-49.69	-1930.81
		145	20.03	-0.21	-14.06	-0.62	-13.64	-2.36	3092.86	-1493.78	1666.27	-67.20	-2123.23
		159	19.31	-0.21	-14.06	-0.63	-13.64	-2.36	2775.21	-1689.99	1207.47	-122.25	-2131.31
		158	17.76	-0.26	-14.37	-0.67	-13.96	-2.36	2599.65	-1494.82	1209.57	-104.75	-1938.90
127	22	143	7.28	-1.15	-7.15	-1.43	-6.87	1.27	1143.15	-530.72	663.04	-50.61	-757.05
		145	7.89	-1.13	-7.02	-1.42	-6.73	1.27	1214.88	-603.42	662.94	-51.48	-836.03
		159	7.56	-0.32	-6.89	-0.57	-6.63	1.27	1080.54	-680.01	474.61	-74.08	-836.43
		158	6.93	-0.34	-7.02	-0.59	-6.77	1.27	1006.23	-604.72	474.72	-73.21	-757.45
127	25	143	6.89	-1.01	-6.39	-1.27	-6.13	1.15	1083.90	-498.70	628.67	-43.48	-716.39
		145	7.46	-0.99	-6.30	-1.26	-6.04	1.15	1151.91	-567.64	628.58	-44.30	-791.22
		159	7.15	-0.28	-6.18	-0.52	-5.95	1.15	1024.77	-640.35	450.14	-65.71	-791.60
		158	6.55	-0.30	-6.28	-0.53	-6.04	1.15	954.31	-568.97	450.24	-64.89	-716.76
128	6	145	12.65	-2.68	-11.74	-3.28	-11.15	2.24	1908.68	-1011.97	986.83	-90.12	-1357.42
		147	13.50	-2.59	-11.25	-3.21	-10.62	2.24	1996.07	-1129.10	983.64	-116.68	-1462.53
		160	13.20	-0.75	-10.91	-1.27	-10.39	2.24	1832.13	-1245.86	733.02	-146.75	-1474.79
		159	12.33	-0.83	-11.42	-1.33	-10.92	2.24	1743.06	-1127.05	736.21	-120.19	-1369.68
128	17	145	21.31	0.95	-14.25	0.23	-13.54	-3.22	3233.35	-1649.81	1652.40	-68.86	-2284.87
		147	22.66	1.02	-13.83	0.29	-13.10	-3.22	3365.21	-1850.80	1644.99	-130.58	-2452.25
		160	22.27	0.30	-13.96	-0.46	-13.19	-3.22	3114.65	-2047.24	1245.88	-178.48	-2480.74
		159	20.87	0.23	-14.38	-0.52	-13.63	-3.22	2980.93	-1844.39	1253.29	-116.75	-2313.36
128	22	145	8.43	-1.63	-7.27	-2.08	-6.81	1.54	1277.01	-666.61	661.99	-51.59	-903.94
		147	9.00	-1.58	-7.05	-2.05	-6.58	1.54	1336.48	-744.72	660.00	-68.24	-974.82
		160	8.79	-0.41	-6.82	-0.80	-6.43	1.54	1225.58	-823.10	491.00	-88.52	-982.50
		159	8.21	-0.45	-7.04	-0.83	-6.66	1.54	1164.94	-743.81	493.00	-71.87	-911.63
128	25	145	7.98	-1.43	-6.56	-1.88	-6.11	1.44	1211.75	-627.31	628.72	-44.28	-855.74
		147	8.52	-1.40	-6.41	-1.86	-5.95	1.44	1268.47	-701.36	626.87	-59.75	-923.14
		160	8.32	-0.34	-6.19	-0.72	-5.81	1.44	1162.96	-775.84	466.16	-79.04	-930.28
		159	7.77	-0.37	-6.35	-0.74	-5.98	1.44	1105.12	-700.67	468.02	-63.57	-862.89
129	6	147	13.78	-3.45	-11.24	-3.98	-10.71	1.96	1934.04	-1275.84	797.24	-139.05	-1535.15
		149	14.41	-3.24	-10.19	-3.84	-9.59	1.96	1969.29	-1394.00	788.36	-213.07	-1605.37
		161	14.46	-0.92	-9.75	-1.38	-9.30	1.96	1888.11	-1500.37	620.90	-233.16	-1639.54
		160	13.83	-1.11	-10.83	-1.52	-10.42	1.96	1853.46	-1382.81	629.79	-159.14	-1569.32
129	17	147	23.14	3.47	-14.28	2.08	-12.89	-4.77	3251.74	-2089.25	1330.78	-168.29	-2563.15
		149	24.10	3.63	-13.48	2.18	-12.03	-4.77	3289.46	-2287.44	1313.58	-311.56	-2667.43
		161	24.31	1.97	-13.85	0.37	-12.25	-4.77	3184.33	-2460.79	1064.93	-341.40	-2733.57
		160	23.35	1.79	-14.63	0.27	-13.10	-4.77	3148.09	-2264.09	1082.13	-198.13	-2629.29
129	22	147	9.22	-2.11	-7.17	-2.63	-6.65	1.54	1301.37	-841.15	542.55	-82.34	-1024.68
		149	9.65	-1.99	-6.67	-2.56	-6.09	1.54	1327.49	-920.58	536.84	-129.93	-1073.46
		161	9.67	-0.37	-6.31	-0.80	-5.88	1.54	1269.52	-992.87	420.54	-143.89	-1095.43
		160	9.24	-0.47	-6.83	-0.87	-6.44	1.54	1243.75	-913.79	426.25	-96.29	-1046.65
129	25	147	8.74	-1.86	-6.58	-2.42	-6.02	1.53	1237.72	-792.12	518.38	-72.77	-970.93
		149	9.15	-1.76	-6.19	-2.36	-5.58	1.53	1263.45	-867.63	513.04	-117.22	-1017.87
		161	9.17	-0.23	-5.83	-0.68	-5.38	1.53	1207.11	-936.67	401.10	-130.65	-1038.39
		160	8.75	-0.31	-6.24	-0.73	-5.82	1.53	1181.70	-861.47	406.43	-86.20	-991.45
130	6	149	13.91	-3.94	-9.66	-3.99	-9.61	0.52	1644.15	-1635.06	282.82	-273.73	-1615.82
		151	13.96	-3.54	-6.69	-3.63	-6.60	0.52	1549.67	-1739.39	261.52	-451.24	-1605.45
		162	14.66	-1.32	-6.39	-1.37	-6.33	0.52	1645.88	-1807.91	286.24	-448.27	-1687.39
		161	14.62	-1.70	-9.38	-1.73	-9.34	0.52	1740.60	-1703.82	307.54	-270.76	-1697.76
130	17	149	23.42	8.20	-14.49	5.36	-11.65	-7.51	2740.20	-2677.08	475.28	-412.15	-2672.05
		151	23.37	8.95	-11.79	5.73	-8.57	-7.51	2559.75	-2843.83	438.08	-722.16	-2638.77
		162	24.60	5.58	-12.91	1.73	-9.05	-7.51	2751.45	-2946.67	517.42	-712.64	-2781.88
		161	24.65	4.71	-15.48	1.36	-12.13	-7.51	2931.55	-2779.56	554.62	-402.63	-2815.16
130	22	149	9.36	-2.56	-6.34	-2.78	-6.12	0.89	1121.66	-1078.14	212.39	-168.86	-1083.26
		151	9.42	-2.20	-4.74	-2.57	-4.37	0.89	1063.78	-1149.28	198.57	-284.06	-1079.90
		162	9.86	-0.37	-4.34	-0.59	-4.13	0.89	1120.97	-1197.49	206.58	-283.10	-1133.07
		161	9.81	-0.64	-6.03	-0.80	-5.88	0.89	1179.15	-1126.65	220.40	-167.90	-1136.43
130	25	149	8.90	-2.27	-5.95	-2.61	-5.61	1.06	1073.14	-1015.56	211.04	-153.46	-1028.32
		151	8.97	-1.91	-4.60	-2.43	-4.08	1.06	1020.42	-1083.56	198.11	-261.25	-1026.61

		162	9.37	-0.08	-4.14	-0.38	-3.84	1.06	1071.69	-1130.26	202.19	-260.76	-1076.37
		161	9.31	-0.34	-5.59	-0.57	-5.37	1.06	1124.75	-1062.60	215.12	-152.97	-1078.08
131	6	151	13.32	-2.31	-8.10	-3.79	-6.62	-2.53	922.01	-2104.97	-625.30	-557.65	-1513.11
		153	13.12	-0.04	-5.24	-3.24	-2.04	-2.53	666.56	-2253.13	-668.55	-918.03	-1454.51
		163	14.41	0.90	-4.17	-1.45	-1.82	-2.53	916.50	-2346.56	-528.80	-901.26	-1620.87
		162	14.62	-0.85	-7.56	-2.00	-6.41	-2.53	1166.48	-2192.92	-485.56	-540.88	-1679.47
131	17	151	22.20	14.74	-14.06	8.87	-8.20	-11.59	1529.49	-3451.11	-1024.01	-897.61	-2489.50
		153	21.78	16.53	-9.68	9.54	-2.69	-11.59	1115.38	-3668.86	-1091.70	-1461.77	-2384.95
		163	23.83	11.92	-12.19	3.18	-3.46	-11.59	1524.62	-3798.88	-842.41	-1431.86	-2645.38
		162	24.26	9.72	-16.15	2.52	-8.96	-11.59	1929.12	-3571.53	-774.71	-867.70	-2749.93
131	22	151	8.88	-2.41	-4.70	-2.72	-4.39	-0.78	654.24	-1383.10	-375.87	-352.99	-1018.61
		153	8.75	-0.98	-2.81	-2.37	-1.42	-0.78	484.26	-1484.55	-404.95	-595.34	-979.79
		163	9.63	0.24	-1.60	-0.20	-1.16	-0.78	651.78	-1548.40	-312.39	-584.23	-1091.66
		162	9.77	-0.39	-4.29	-0.55	-4.13	-0.78	818.26	-1443.46	-283.31	-341.89	-1130.48
131	25	151	8.41	-2.50	-4.18	-2.58	-4.10	-0.35	636.48	-1300.89	-338.74	-325.67	-968.66
		153	8.29	-1.22	-2.37	-2.24	-1.34	-0.35	475.54	-1397.98	-366.39	-556.05	-931.94
		163	9.13	0.28	-1.14	0.18	-1.05	-0.35	634.64	-1459.01	-278.83	-545.54	-1038.29
		162	9.26	-0.12	-3.84	-0.15	-3.81	-0.35	792.31	-1358.66	-251.19	-315.16	-1075.01
132	6	153	16.73	12.45	-13.20	0.80	-1.55	-12.77	-491.94	-3550.81	-2861.56	-1181.19	-1277.99
		4	15.16	20.72	-6.51	2.40	11.81	-12.77	-1135.73	-3439.90	-2918.66	-1656.97	-964.02
		12	14.33	17.67	-12.93	-6.05	10.79	-12.77	-647.13	-3090.01	-2170.01	-1567.14	-1183.66
		163	16.18	7.91	-18.13	-7.65	-2.57	-12.77	-19.80	-3184.47	-2112.92	-1091.35	-1497.63
132	17	153	27.22	35.34	-18.85	18.15	-1.66	-25.22	-740.68	-5784.58	-4637.94	-1887.32	-2113.94
		4	24.88	45.38	-5.07	20.70	19.61	-25.22	-1677.69	-5637.73	-4722.60	-2592.82	-1669.28
		12	24.11	33.67	-20.74	-3.74	16.67	-25.22	-981.19	-5146.73	-3662.33	-2465.59	-1994.96
		163	26.77	19.79	-30.68	-6.29	-4.59	-25.22	-65.48	-5272.27	-3577.67	-1760.09	-2439.62
132	22	153	10.91	7.16	-7.74	0.50	-1.08	-7.41	-287.41	-2308.10	-1829.26	-766.25	-859.25
		4	9.78	13.74	-2.84	1.73	9.17	-7.41	-734.39	-2226.04	-1868.35	-1092.07	-636.87
		12	9.21	12.36	-6.19	-2.50	8.66	-7.41	-380.91	-1985.62	-1338.09	-1028.44	-787.27
		163	10.55	4.83	-10.14	-3.73	-1.58	-7.41	51.96	-2053.58	-1298.99	-702.62	-1009.66
132	25	153	10.23	6.34	-6.78	0.56	-1.00	-6.51	-254.06	-2159.85	-1698.06	-715.85	-816.59
		4	9.12	13.08	-1.96	1.80	9.32	-6.51	-684.80	-2078.78	-1735.52	-1028.06	-600.56
		12	8.57	12.00	-4.77	-1.66	8.90	-6.51	-337.87	-1848.77	-1220.39	-966.24	-744.68
		163	9.89	4.40	-8.71	-2.90	-1.42	-6.51	77.97	-1914.93	-1182.93	-654.03	-960.72
133	6	219	6.02	-0.33	-16.94	-0.33	-16.94	-0.15	217.59	-1030.10	26.46	-838.96	-449.39
		155	5.98	-0.48	-18.18	-0.48	-18.18	-0.15	200.60	-1025.46	25.13	-850.00	-429.35
		165	6.09	0.53	-18.06	0.53	-18.06	-0.15	246.01	-1017.38	72.90	-844.27	-434.45
		220	6.13	0.68	-16.82	0.68	-16.81	-0.15	262.69	-1021.70	74.22	-833.23	-454.48
133	17	219	8.72	-0.52	-20.96	-0.60	-20.88	-1.28	460.98	-1415.39	65.05	-1019.46	-765.60
		155	8.69	-0.61	-21.71	-0.69	-21.63	-1.28	435.76	-1421.42	61.70	-1047.36	-744.84
		165	8.85	0.55	-21.56	0.47	-21.49	-1.28	486.88	-1417.08	111.21	-1041.42	-757.72
		220	8.88	0.64	-20.82	0.56	-20.74	-1.28	511.86	-1410.82	114.56	-1013.52	-778.48
133	22	219	3.94	-0.19	-10.10	-0.19	-10.10	-0.11	148.49	-675.04	18.57	-545.12	-300.19
		155	3.91	-0.29	-10.88	-0.29	-10.88	-0.11	136.56	-672.66	17.55	-553.65	-286.61
		165	3.99	0.34	-10.81	0.33	-10.80	-0.11	167.61	-667.44	49.93	-549.76	-290.55
		220	4.02	0.43	-10.03	0.43	-10.03	-0.11	179.32	-669.60	50.96	-541.23	-304.13
133	25	219	3.69	-0.17	-8.94	-0.17	-8.94	-0.11	143.04	-631.56	18.21	-506.74	-284.80
		155	3.66	-0.25	-9.65	-0.25	-9.64	-0.11	131.44	-629.75	17.16	-515.47	-271.90
		165	3.74	0.31	-9.58	0.31	-9.58	-0.11	161.08	-624.93	47.92	-511.78	-275.93
		220	3.76	0.39	-8.88	0.39	-8.87	-0.11	172.46	-626.54	48.97	-503.04	-288.83
134	6	155	7.10	-0.45	-18.18	-0.45	-18.18	0.24	466.03	-1084.63	209.30	-827.90	-576.36
		156	7.37	-0.57	-19.18	-0.57	-19.17	0.24	498.46	-1116.07	209.40	-827.02	-618.98
		166	7.21	0.81	-19.01	0.81	-19.01	0.24	413.27	-1144.71	107.77	-839.21	-618.57
		165	6.93	0.93	-18.01	0.93	-18.01	0.24	379.63	-1112.06	107.67	-840.09	-575.95
134	17	155	10.89	-0.54	-21.93	-0.83	-21.64	-2.47	904.13	-1532.32	380.86	-1009.06	-1000.55
		156	11.49	-0.75	-23.56	-1.02	-23.29	-2.47	962.18	-1611.71	378.58	-1028.11	-1077.75
		166	11.29	0.92	-23.34	0.66	-23.09	-2.47	824.32	-1680.00	194.52	-1050.20	-1086.54
		165	10.68	1.13	-21.71	0.86	-21.44	-2.47	764.25	-1598.59	196.80	-1031.14	-1009.35
134	22	155	4.67	-0.25	-10.88	-0.25	-10.87	0.11	314.57	-711.99	141.36	-538.79	-384.45
		156	4.85	-0.33	-11.54	-0.33	-11.54	0.11	335.65	-733.96	141.27	-539.57	-412.46
		166	4.75	0.53	-11.44	0.53	-11.44	0.11	280.32	-753.44	74.47	-547.59	-412.83
		165	4.56	0.61	-10.77	0.61	-10.77	0.11	258.46	-730.70	74.57	-546.80	-384.81
134	25	155	4.38	-0.21	-9.64	-0.22	-9.64	0.07	300.79	-667.03	135.08	-501.32	-364.58
		156	4.56	-0.29	-10.27	-0.29	-10.27	0.07	320.52	-688.52	134.90	-502.89	-390.96
		166	4.47	0.50	-10.17	0.50	-10.17	0.07	268.86	-707.31	71.99	-510.44	-391.68
		165	4.29	0.57	-9.55	0.57	-9.55	0.07	248.40	-685.09	72.18	-508.87	-365.30
135	6	156	8.04	-0.71	-19.29	-0.79	-19.20	1.26	697.08	-1111.20	391.10	-805.21	-678.00
		157	8.49	-0.70	-19.27	-0.79	-19.18	1.26	774.93	-1151.13	395.16	-771.36	-766.31
		167	8.03	0.46	-19.13	0.38	-19.04	1.26	590.76	-1202.81	184.58	-796.63	-750.69
		166	7.56	0.46	-19.14	0.37	-19.06	1.26	508.24	-1158.21	180.51	-830.48	-662.37
135	17	156	12.76	-0.83	-23.55	-1.08	-23.30	-2.36	1302.14	-1597.26	695.01	-990.14	-1179.70
		157	13.69	-0.85	-23.68	-1.10	-23.43	-2.36	1437.64	-1689.06	699.70	-951.12	-1327.69
		167	13.00	0.15	-23.55	-0.09	-23.31	-2.36	1147.85	-1794.50	346.82	-993.47	-1309.68
		166	12.02	0.17	-23.42	-0.07	-23.18	-2.36	1004.61	-1694.96	342.14	-1032.49	-1161.69
135	22	156	5.30	-0.41	-11.61	-0.46	-11.55	0.75	467.71	-730.28	262.46	-525.03	-451.40
		157	5.61	-0.42	-11.64	-0.47	-11.59	0.75	519.17	-757.99	265.01	-503.83	-509.91
		167	5.31	0.33	-11.55	0.28	-11.50	0.75	397.83	-792.92	125.49	-520.58	-500.12

		166	4.98	0.33	-11.51	0.29	-11.46	0.75	343.29	-762.12	122.95	-541.77	-441.61
135	25	156	4.99	-0.36	-10.32	-0.40	-10.28	0.66	445.54	-684.78	249.85	-489.10	-427.66
		157	5.29	-0.37	-10.38	-0.41	-10.34	0.66	494.09	-711.79	252.16	-469.86	-482.92
		167	5.00	0.32	-10.30	0.28	-10.26	0.66	379.98	-745.25	120.40	-485.67	-474.03
		166	4.69	0.33	-10.24	0.29	-10.20	0.66	328.51	-715.33	118.09	-504.91	-418.77
136	6	157	9.43	-1.08	-19.49	-1.32	-19.25	2.09	976.91	-1193.57	537.60	-754.27	-872.08
		158	10.01	-1.02	-19.05	-1.27	-18.80	2.09	1083.41	-1234.44	544.63	-695.67	-979.04
		168	9.38	-0.22	-18.94	-0.45	-18.70	2.09	860.67	-1297.36	289.58	-726.27	-951.99
		167	8.78	-0.27	-19.38	-0.51	-19.15	2.09	748.29	-1250.62	282.55	-784.87	-845.02
136	17	157	15.42	-1.19	-23.76	-1.47	-23.48	-2.49	1782.25	-1758.17	945.68	-921.60	-1503.98
		158	16.53	-1.10	-23.05	-1.39	-22.76	-2.49	1963.32	-1848.41	955.41	-840.50	-1681.07
		168	15.57	-1.41	-23.09	-1.70	-22.80	-2.49	1612.27	-1970.30	533.14	-891.17	-1643.63
		167	14.40	-1.50	-23.80	-1.78	-23.52	-2.49	1421.78	-1870.65	523.41	-972.28	-1466.54
136	22	157	6.24	-0.65	-11.79	-0.80	-11.63	1.31	653.26	-786.20	359.55	-492.49	-580.10
		158	6.63	-0.62	-11.57	-0.77	-11.41	1.31	723.78	-814.71	364.05	-454.98	-651.18
		168	6.22	-0.10	-11.50	-0.25	-11.35	1.31	576.53	-857.30	194.55	-475.32	-633.87
		167	5.81	-0.13	-11.72	-0.28	-11.57	1.31	502.11	-824.89	190.05	-512.83	-562.78
136	25	157	5.88	-0.57	-10.51	-0.71	-10.37	1.17	620.88	-738.45	341.56	-459.13	-549.24
		158	6.26	-0.55	-10.34	-0.69	-10.20	1.17	687.45	-766.30	345.71	-424.56	-616.46
		168	5.87	-0.08	-10.28	-0.22	-10.14	1.17	548.74	-807.11	185.43	-443.80	-600.50
		167	5.48	-0.11	-10.45	-0.24	-10.32	1.17	478.50	-775.58	181.28	-478.36	-533.28
137	6	158	10.97	-1.49	-19.24	-1.86	-18.87	2.54	1258.42	-1298.85	643.38	-683.82	-1092.95
		159	11.66	-1.40	-18.65	-1.79	-18.27	2.54	1382.86	-1344.37	651.84	-613.35	-1208.00
		169	10.98	-0.60	-18.54	-0.97	-18.17	2.54	1147.71	-1416.48	377.51	-646.27	-1175.47
		168	10.27	-0.68	-19.13	-1.04	-18.77	2.54	1017.47	-1365.16	369.05	-716.73	-1060.42
137	17	158	18.26	-1.23	-23.30	-1.73	-22.80	-3.27	2257.65	-1954.25	1123.70	-820.31	-1868.22
		159	19.52	-1.10	-22.37	-1.61	-21.85	-3.27	2463.66	-2051.81	1135.32	-723.47	-2057.57
		169	18.49	-2.39	-22.56	-2.93	-22.01	-3.27	2094.49	-2188.31	683.83	-777.65	-2012.87
		168	17.17	-2.52	-23.49	-3.05	-22.96	-3.27	1879.59	-2081.87	672.21	-874.49	-1823.52
137	22	158	7.27	-0.89	-11.71	-1.15	-11.45	1.64	840.39	-857.63	429.85	-447.08	-727.02
		159	7.73	-0.86	-11.43	-1.12	-11.17	1.64	922.97	-889.08	435.33	-401.44	-803.64
		169	7.29	-0.35	-11.36	-0.60	-11.11	1.64	767.09	-937.80	252.65	-423.36	-782.57
		168	6.81	-0.39	-11.64	-0.63	-11.39	1.64	680.66	-902.50	247.17	-469.01	-705.95
137	25	158	6.87	-0.79	-10.48	-1.03	-10.24	1.50	797.82	-806.94	407.97	-417.09	-688.21
		159	7.31	-0.76	-10.27	-1.01	-10.03	1.50	875.78	-837.51	413.05	-374.78	-760.70
		169	6.89	-0.32	-10.21	-0.55	-9.98	1.50	728.79	-884.12	240.20	-395.52	-741.17
		168	6.43	-0.35	-10.41	-0.58	-10.18	1.50	647.21	-849.92	235.12	-437.83	-668.68
138	6	159	12.53	-1.81	-18.73	-2.22	-18.32	2.61	1502.50	-1435.39	677.40	-610.29	-1320.33
		160	13.27	-1.65	-17.66	-2.09	-17.22	2.61	1628.32	-1492.40	684.77	-548.85	-1433.27
		170	12.68	-0.89	-17.55	-1.31	-17.13	2.61	1407.82	-1573.52	415.46	-581.17	-1404.91
		169	11.91	-1.05	-18.62	-1.44	-18.23	2.61	1277.44	-1511.95	408.09	-642.60	-1291.97
138	17	159	21.07	-0.48	-22.87	-1.50	-21.84	-4.68	2664.20	-2201.02	1181.15	-717.97	-2239.63
		160	22.39	-0.25	-21.54	-1.34	-20.45	-4.68	2864.26	-2318.19	1190.03	-643.96	-2423.55
		170	21.53	-2.80	-21.99	-4.02	-20.77	-4.68	2524.12	-2469.22	751.48	-696.58	-2389.38
		169	20.15	-3.03	-23.31	-4.18	-22.16	-4.68	2317.63	-2345.63	742.60	-770.59	-2205.46
138	22	159	8.32	-1.06	-11.51	-1.37	-11.20	1.76	1004.08	-949.60	453.71	-399.23	-878.83
		160	8.82	-0.99	-11.00	-1.31	-10.68	1.76	1088.14	-988.31	458.57	-358.74	-954.42
		170	8.43	-0.51	-10.93	-0.82	-10.62	1.76	940.98	-1043.01	278.34	-380.37	-935.73
		169	7.91	-0.59	-11.44	-0.88	-11.14	1.76	853.87	-1001.25	273.48	-420.86	-860.14
138	25	159	7.86	-0.93	-10.35	-1.23	-10.06	1.64	953.08	-894.78	430.93	-372.63	-831.99
		160	8.34	-0.87	-9.97	-1.18	-9.66	1.64	1032.60	-932.02	435.46	-334.88	-903.65
		170	7.97	-0.47	-9.91	-0.76	-9.61	1.64	893.49	-984.26	264.61	-355.39	-886.22
		169	7.47	-0.52	-10.29	-0.81	-10.01	1.64	811.08	-944.13	260.08	-393.14	-814.57
139	6	160	13.88	-2.06	-17.53	-2.34	-17.25	2.05	1641.30	-1621.01	581.53	-561.24	-1527.80
		161	14.56	-1.75	-15.33	-2.07	-15.01	2.05	1738.26	-1690.83	584.44	-537.01	-1620.27
		171	14.22	-1.33	-15.27	-1.64	-14.96	2.05	1574.82	-1774.32	363.96	-563.47	-1609.08
		170	13.53	-1.63	-17.47	-1.90	-17.20	2.05	1475.76	-1702.40	361.06	-587.70	-1516.62
139	17	160	23.46	1.61	-22.58	-0.61	-20.37	-6.97	2888.65	-2525.99	1026.27	-663.61	-2572.09
		161	24.62	2.07	-20.54	-0.34	-18.13	-6.97	3027.74	-2666.26	1026.14	-664.66	-2718.58
		171	24.22	-2.19	-21.65	-5.13	-18.70	-6.97	2790.80	-2820.55	676.83	-706.58	-2719.07
		170	23.04	-2.73	-23.61	-5.40	-20.94	-6.97	2649.54	-2678.11	676.96	-705.52	-2572.58
139	22	160	9.24	-1.14	-10.93	-1.38	-10.69	1.51	1100.86	-1073.55	393.83	-366.51	-1018.57
		161	9.71	-0.96	-9.76	-1.23	-9.50	1.51	1167.18	-1120.22	395.93	-348.98	-1081.36
		171	9.49	-0.70	-9.72	-0.96	-9.46	1.51	1055.83	-1176.55	246.22	-366.94	-1073.26
		170	8.99	-0.87	-10.89	-1.10	-10.65	1.51	988.05	-1128.41	244.12	-384.48	-1010.48
139	25	160	8.74	-0.95	-9.91	-1.20	-9.66	1.46	1046.24	-1012.56	375.73	-342.05	-964.81
		161	9.20	-0.81	-8.95	-1.08	-8.68	1.46	1109.52	-1057.04	377.75	-325.27	-1024.67
		171	8.99	-0.60	-8.92	-0.86	-8.66	1.46	1003.42	-1110.80	235.01	-342.40	-1016.92
		170	8.51	-0.74	-9.88	-0.98	-9.64	1.46	938.72	-1064.90	233.00	-359.18	-957.06
140	6	161	14.77	-2.39	-15.08	-2.42	-15.05	0.61	1579.16	-1882.69	271.08	-574.62	-1678.48
		162	15.22	-1.86	-10.74	-1.90	-10.70	0.61	1617.25	-1956.13	267.30	-606.17	-1732.49
		172	15.25	-2.00	-10.76	-2.05	-10.72	0.61	1546.37	-2029.47	138.52	-621.62	-1747.06
		171	14.80	-2.54	-15.10	-2.57	-15.07	0.61	1508.31	-1956.08	142.30	-590.07	-1693.05
140	17	161	24.93	5.06	-22.42	0.65	-18.01	-10.08	2763.14	-2973.21	515.83	-725.90	-2800.17
		162	25.62	6.17	-19.05	1.13	-14.01	-10.08	2783.23	-3117.29	502.55	-836.60	-2873.27
		172	25.90	0.54	-21.47	-6.07	-14.87	-10.08	2719.23	-3248.51	328.24	-857.52	-2924.38
		171	25.21	-0.89	-24.53	-6.55	-18.87	-10.08	2700.09	-3105.39	341.52	-746.82	-2851.28

140	22	161	9.86	-1.17	-9.56	-1.23	-9.49	0.72	1069.23	-1246.43	195.79	-372.99	-1122.36
		162	10.17	-0.83	-6.97	-0.92	-6.89	0.72	1098.41	-1295.09	193.71	-390.39	-1160.57
		172	10.17	-0.96	-6.99	-1.05	-6.91	0.72	1046.10	-1344.81	102.61	-401.32	-1168.60
		171	9.86	-1.30	-9.57	-1.36	-9.51	0.72	1016.88	-1296.11	104.69	-383.93	-1130.39
140	25	161	9.34	-0.88	-8.75	-0.96	-8.67	0.79	1020.08	-1175.89	191.77	-347.58	-1064.35
		162	9.64	-0.58	-6.46	-0.69	-6.35	0.79	1049.05	-1222.00	189.93	-362.88	-1101.37
		172	9.64	-0.76	-6.48	-0.88	-6.37	0.79	997.70	-1269.51	101.67	-373.47	-1108.43
		171	9.33	-1.07	-8.77	-1.15	-8.69	0.79	968.67	-1223.34	103.50	-358.18	-1071.42
141	6	162	15.11	-1.94	-11.36	-2.52	-10.77	-2.27	1125.66	-2328.95	-504.50	-698.78	-1724.57
		163	14.67	0.63	-3.93	-1.45	-1.85	-2.27	1055.92	-2299.34	-508.80	-734.61	-1673.82
		173	14.78	-0.30	-5.00	-3.24	-2.06	-2.27	1144.57	-2252.45	-387.79	-720.09	-1690.36
		172	15.22	-3.61	-11.69	-4.31	-10.99	-2.27	1213.72	-2281.47	-383.49	-684.26	-1741.11
141	17	162	25.23	10.01	-21.99	1.93	-13.91	-13.90	1952.50	-3733.75	-789.59	-991.66	-2841.33
		163	24.38	13.72	-15.08	3.07	-4.43	-13.90	1781.87	-3692.49	-803.45	-1107.17	-2732.96
		173	24.78	7.32	-20.55	-7.53	-5.71	-13.90	1988.30	-3609.52	-545.05	-1076.17	-2786.28
		172	25.64	2.36	-26.21	-8.67	-15.18	-13.90	2156.68	-3648.53	-531.19	-960.65	-2894.65
141	22	162	10.10	-0.70	-7.08	-0.89	-6.89	-1.08	787.82	-1533.18	-296.18	-449.17	-1157.98
		163	9.84	0.64	-1.63	-0.16	-0.82	-1.08	744.99	-1517.78	-299.12	-473.67	-1128.01
		173	9.92	-0.17	-2.42	-1.60	-1.00	-1.08	799.10	-1491.88	-227.68	-465.10	-1139.32
		172	10.18	-2.09	-7.29	-2.33	-7.06	-1.08	841.58	-1506.93	-224.74	-440.60	-1169.28
141	25	162	9.57	-0.33	-6.44	-0.45	-6.32	-0.85	762.34	-1443.07	-263.44	-417.29	-1100.02
		163	9.34	0.78	-1.09	0.24	-0.55	-0.85	723.13	-1430.56	-266.30	-441.13	-1073.29
		173	9.43	-0.12	-1.91	-1.29	-0.74	-0.85	772.40	-1408.45	-202.57	-433.48	-1084.30
		172	9.66	-1.83	-6.66	-1.98	-6.51	-0.85	811.29	-1420.65	-199.71	-409.64	-1111.02
142	6	163	16.25	1.65	-11.90	-7.66	-2.59	-6.28	148.14	-3165.77	-2092.92	-924.71	-1550.59
		12	13.66	22.43	-6.27	-4.83	20.99	-6.28	-75.64	-2745.78	-2071.90	-749.52	-1159.84
		17	10.70	22.28	-7.16	-5.75	20.88	-6.28	218.89	-1996.79	-1140.19	-637.71	-1078.97
		173	13.82	1.29	-12.57	-8.58	-2.70	-6.28	492.94	-2467.05	-1161.21	-812.90	-1469.71
142	17	163	26.95	9.71	-21.69	-6.41	-5.57	-15.69	250.23	-5224.33	-3538.70	-1435.40	-2527.20
		12	22.69	33.75	-9.30	-2.51	26.96	-15.69	-102.35	-4533.22	-3502.43	-1133.14	-1872.10
		17	17.66	32.17	-14.94	-8.96	26.19	-15.69	359.50	-3245.57	-1940.37	-945.69	-1732.56
		173	22.80	6.42	-25.63	-12.86	-6.34	-15.69	803.00	-4027.61	-1976.65	-1247.96	-2387.67
142	22	163	10.62	1.45	-6.38	-3.69	-1.25	-3.72	163.11	-2040.91	-1285.73	-592.07	-1046.01
		12	8.92	16.40	-2.43	-1.66	15.64	-3.72	6.08	-1773.09	-1273.86	-493.14	-799.36
		17	7.23	16.17	-3.92	-3.20	15.45	-3.72	210.94	-1319.25	-685.74	-422.57	-753.70
		173	9.24	0.84	-7.51	-5.23	-1.43	-3.72	394.66	-1613.76	-697.61	-521.49	-1000.34
142	25	163	9.98	1.55	-5.32	-2.84	-0.92	-3.30	182.96	-1902.98	-1170.40	-549.62	-995.72
		12	8.37	16.20	-1.50	-0.86	15.56	-3.30	31.37	-1655.77	-1160.15	-464.24	-768.46
		17	6.90	15.91	-3.36	-2.78	15.33	-3.30	228.48	-1245.98	-618.27	-399.22	-729.05
		173	8.77	0.80	-6.71	-4.76	-1.15	-3.30	402.45	-1515.56	-628.52	-484.60	-956.30
143	6	220	11.85	0.05	-22.33	0.02	-22.31	-0.76	6.38	-2290.51	-89.18	-2194.94	-458.66
		165	11.50	-0.47	-26.61	-0.49	-26.59	-0.76	0.06	-2200.61	-80.23	-2120.32	-412.60
		175	11.63	1.34	-26.39	1.31	-26.37	-0.76	94.55	-2172.09	29.60	-2107.14	-378.16
		221	11.96	1.85	-22.12	1.83	-22.09	-0.76	99.53	-2260.65	20.64	-2181.76	-424.21
143	17	220	16.06	0.47	-24.77	0.12	-24.42	-2.94	101.70	-3085.08	-108.77	-2874.60	-791.48
		165	15.60	-0.42	-31.53	-0.70	-31.24	-2.94	90.40	-2962.68	-96.87	-2775.41	-732.59
		175	15.71	2.06	-31.21	1.80	-30.95	-2.94	202.83	-2917.84	43.55	-2758.56	-686.80
		221	16.16	2.93	-24.44	2.61	-24.12	-2.94	212.75	-3038.85	31.65	-2857.75	-745.69
143	22	220	7.82	0.07	-13.23	0.05	-13.21	-0.52	6.45	-1518.60	-58.53	-1453.62	-308.01
		165	7.59	-0.26	-15.95	-0.28	-15.93	-0.52	1.89	-1459.44	-52.68	-1404.87	-277.07
		175	7.67	0.85	-15.81	0.84	-15.80	-0.52	65.45	-1440.36	21.11	-1396.02	-254.56
		221	7.89	1.18	-13.09	1.16	-13.07	-0.52	69.11	-1498.61	15.26	-1444.77	-285.51
143	25	220	7.34	0.08	-11.65	0.06	-11.63	-0.50	7.76	-1429.63	-54.72	-1367.15	-293.09
		165	7.13	-0.22	-14.15	-0.24	-14.14	-0.50	3.26	-1374.12	-49.26	-1321.60	-263.78
		175	7.20	0.79	-14.03	0.77	-14.02	-0.50	63.46	-1356.02	20.65	-1313.21	-242.75
		221	7.41	1.09	-11.52	1.07	-11.50	-0.50	67.10	-1410.67	15.18	-1358.76	-272.07
144	6	165	11.96	-0.08	-26.56	-0.09	-26.54	0.65	93.49	-2255.10	-45.46	-2116.15	-554.11
		166	11.74	-0.22	-27.70	-0.23	-27.69	0.65	129.97	-2188.06	-34.37	-2023.71	-594.93
		176	11.45	1.47	-27.50	1.45	-27.49	0.65	16.90	-2184.01	-131.71	-2035.40	-552.26
		175	11.68	1.60	-26.35	1.59	-26.34	0.65	-18.78	-2251.85	-142.80	-2127.83	-511.44
144	17	165	16.72	-0.05	-31.46	-0.31	-31.20	-2.86	304.32	-3080.73	-11.27	-2765.14	-984.22
		166	16.56	-0.37	-33.96	-0.61	-33.71	-2.86	374.75	-3000.16	4.90	-2630.31	-1054.23
		176	16.05	2.24	-33.63	2.01	-33.40	-2.86	185.03	-2997.41	-162.03	-2650.35	-991.99
		175	16.23	2.56	-31.13	2.31	-30.88	-2.86	114.91	-3078.28	-178.21	-2785.17	-921.99
144	22	165	7.90	2.61e-03	-15.91	-4.20e-03	-15.90	0.33	65.90	-1495.86	-28.04	-1401.92	-371.34
		166	7.77	-0.10	-16.74	-0.10	-16.73	0.33	89.57	-1453.95	-21.02	-1343.36	-398.08
		176	7.58	1.05	-16.60	1.05	-16.59	0.33	15.93	-1451.74	-84.79	-1351.02	-371.05
		175	7.72	1.15	-15.77	1.15	-15.76	0.33	-7.28	-1494.11	-91.82	-1409.57	-344.31
144	25	165	7.43	0.03	-14.11	0.02	-14.10	0.25	65.13	-1408.82	-25.00	-1318.69	-353.15
		166	7.31	-0.07	-14.93	-0.07	-14.93	0.25	87.28	-1370.72	-18.54	-1264.89	-378.28
		176	7.14	1.03	-14.80	1.03	-14.79	0.25	18.35	-1368.89	-78.46	-1272.08	-353.44
		175	7.26	1.13	-13.98	1.12	-13.97	0.25	-3.41	-1407.39	-84.91	-1325.88	-328.31
145	6	166	11.99	-0.48	-27.92	-0.67	-27.74	2.23	220.84	-2197.46	38.37	-2014.99	-638.73
		167	11.83	-0.36	-26.96	-0.55	-26.77	2.23	282.17	-2141.02	50.99	-1909.84	-711.86
		177	11.36	-0.23	-26.94	-0.42	-26.75	2.23	93.93	-2148.08	-123.38	-1930.77	-663.32
		176	11.53	-0.35	-27.91	-0.53	-27.72	2.23	32.41	-2204.32	-136.00	-2035.91	-590.19
145	17	166	17.12	-1.27	-33.88	-1.35	-33.80	-1.62	555.17	-3015.25	152.53	-2612.60	-1129.38

		167	17.08	-1.08	-32.35	-1.16	-32.26	-1.62	673.89	-2946.67	172.59	-2445.37	-1250.48
		177	16.24	-1.69	-32.42	-1.78	-32.34	-1.62	367.31	-2963.49	-116.16	-2480.02	-1173.28
		176	16.30	-1.88	-33.96	-1.97	-33.88	-1.62	246.37	-3029.85	-136.22	-2647.25	-1052.18
145	22	166	7.93	-0.23	-16.87	-0.35	-16.76	1.37	149.95	-1460.04	27.45	-1337.55	-426.87
		167	7.85	-0.16	-16.32	-0.28	-16.21	1.37	190.22	-1425.85	35.43	-1271.06	-475.59
		177	7.54	-5.84e-03	-16.30	-0.12	-16.19	1.37	65.78	-1431.54	-80.75	-1285.01	-444.90
		176	7.64	-0.08	-16.85	-0.19	-16.74	1.37	25.27	-1465.49	-88.73	-1351.49	-396.18
145	25	166	7.47	-0.18	-15.05	-0.28	-14.95	1.23	144.60	-1376.40	27.56	-1259.36	-405.37
		167	7.40	-0.12	-14.57	-0.23	-14.47	1.23	182.54	-1345.92	34.89	-1198.27	-451.53
		177	7.11	0.06	-14.55	-0.05	-14.45	1.23	65.19	-1351.85	-75.18	-1211.48	-423.33
		176	7.19	-2.49e-03	-15.03	-0.10	-14.93	1.23	26.95	-1382.04	-82.51	-1272.57	-377.17
146	6	167	12.40	-1.14	-27.17	-1.43	-26.88	2.74	428.34	-2177.46	148.96	-1898.08	-806.19
		168	12.24	-1.05	-26.48	-1.35	-26.18	2.74	522.85	-2096.20	167.80	-1741.14	-896.57
		178	11.53	-0.89	-26.46	-1.19	-26.16	2.74	283.52	-2098.22	-47.71	-1767.00	-824.12
		177	11.72	-0.98	-27.15	-1.27	-26.86	2.74	188.34	-2178.82	-66.54	-1923.94	-733.74
146	17	167	18.23	-2.70	-32.62	-2.86	-32.47	-2.16	938.23	-3013.23	349.18	-2424.18	-1407.34
		168	18.29	-2.54	-31.36	-2.70	-31.20	-2.16	1117.42	-2912.34	379.19	-2174.11	-1558.82
		178	17.04	-3.82	-31.52	-3.99	-31.35	-2.16	725.83	-2925.28	18.00	-2217.46	-1443.38
		177	17.02	-3.98	-32.78	-4.14	-32.62	-2.16	542.48	-3022.01	-12.01	-2467.53	-1291.90
146	22	167	8.22	-0.65	-16.47	-0.84	-16.27	1.74	286.88	-1450.20	99.99	-1263.32	-538.25
		168	8.14	-0.60	-16.10	-0.80	-15.90	1.74	348.88	-1400.11	112.00	-1163.24	-598.48
		178	7.68	-0.43	-16.08	-0.63	-15.88	1.74	190.81	-1402.91	-31.62	-1180.47	-552.28
		177	7.78	-0.48	-16.45	-0.67	-16.25	1.74	128.23	-1452.41	-43.63	-1280.55	-492.05
146	25	167	7.76	-0.56	-14.71	-0.75	-14.53	1.59	273.87	-1369.07	95.77	-1190.97	-510.78
		168	7.69	-0.52	-14.41	-0.71	-14.22	1.59	332.22	-1323.94	106.86	-1098.57	-567.85
		178	7.26	-0.35	-14.38	-0.53	-14.20	1.59	183.25	-1327.38	-29.23	-1114.90	-525.20
		177	7.34	-0.39	-14.69	-0.57	-14.51	1.59	124.26	-1371.87	-40.31	-1207.30	-468.13
147	6	168	12.94	-1.57	-26.62	-1.94	-26.25	2.99	668.16	-2152.50	247.27	-1731.60	-1005.01
		169	12.86	-1.45	-25.70	-1.83	-25.32	2.99	800.71	-2056.06	271.80	-1527.15	-1109.61
		179	11.91	-1.37	-25.69	-1.75	-25.31	2.99	518.88	-2053.56	22.39	-1557.08	-1015.22
		178	12.03	-1.50	-26.60	-1.86	-26.24	2.99	384.30	-2147.97	-2.14	-1761.53	-910.63
147	17	168	19.68	-3.69	-31.73	-4.05	-31.36	-3.19	1374.25	-3013.41	518.26	-2157.43	-1738.70
		169	19.96	-3.48	-30.17	-3.87	-29.78	-3.19	1617.83	-2897.35	556.79	-1836.31	-1914.41
		179	18.35	-5.56	-30.45	-5.98	-30.03	-3.19	1161.27	-2910.05	137.81	-1886.59	-1766.18
		178	18.09	-5.78	-32.01	-6.17	-31.61	-3.19	910.51	-3018.93	99.28	-2207.70	-1590.46
147	22	168	8.61	-0.93	-16.20	-1.18	-15.95	1.95	445.27	-1437.58	164.62	-1156.92	-670.57
		169	8.57	-0.86	-15.73	-1.12	-15.47	1.95	532.09	-1377.46	180.36	-1025.74	-740.22
		179	7.96	-0.77	-15.72	-1.03	-15.46	1.95	346.17	-1377.56	14.27	-1045.67	-679.66
		178	8.01	-0.84	-16.19	-1.09	-15.94	1.95	257.89	-1436.21	-1.47	-1176.85	-610.01
147	25	168	8.13	-0.83	-14.51	-1.07	-14.27	1.81	423.39	-1359.45	156.55	-1092.61	-636.03
		169	8.11	-0.77	-14.13	-1.02	-13.88	1.81	504.97	-1304.95	171.13	-971.11	-701.98
		179	7.54	-0.69	-14.12	-0.93	-13.87	1.81	329.93	-1306.04	13.87	-989.98	-645.89
		178	7.58	-0.74	-14.50	-0.98	-14.26	1.81	246.89	-1359.08	-0.71	-1111.48	-579.94
148	6	169	13.63	-1.92	-25.76	-2.30	-25.38	2.98	918.11	-2139.20	302.39	-1523.48	-1226.10
		170	13.65	-1.69	-24.09	-2.10	-23.68	2.98	1085.50	-2031.85	331.82	-1278.17	-1334.71
		180	12.52	-1.95	-24.12	-2.35	-23.71	2.98	785.21	-2021.60	72.86	-1309.25	-1221.47
		179	12.53	-2.18	-25.79	-2.56	-25.41	2.98	614.41	-2125.55	43.42	-1554.55	-1112.86
148	17	169	21.46	-4.28	-30.77	-5.11	-29.93	-4.64	1829.08	-3042.78	615.56	-1829.26	-2107.01
		170	21.97	-3.92	-28.44	-4.83	-27.53	-4.64	2125.77	-2917.41	660.78	-1452.41	-2289.54
		180	20.12	-7.24	-28.99	-8.28	-27.95	-4.64	1646.06	-2925.18	225.53	-1504.65	-2115.58
		179	19.62	-7.62	-31.29	-8.56	-30.34	-4.64	1340.16	-3041.35	180.30	-1881.49	-1933.04
148	22	169	9.09	-1.13	-15.78	-1.40	-15.50	1.99	610.55	-1432.59	201.19	-1023.24	-817.80
		170	9.12	-1.00	-14.89	-1.29	-14.60	1.99	720.16	-1364.85	220.20	-864.89	-890.20
		180	8.38	-1.21	-14.92	-1.50	-14.62	1.99	521.90	-1359.96	47.55	-885.61	-817.11
		179	8.37	-1.33	-15.81	-1.61	-15.53	1.99	409.98	-1425.39	28.55	-1043.95	-744.70
148	25	169	8.60	-1.01	-14.18	-1.28	-13.91	1.86	579.37	-1357.08	191.01	-968.72	-775.38
		170	8.64	-0.90	-13.44	-1.19	-13.16	1.86	682.24	-1295.26	208.66	-821.67	-843.94
		180	7.95	-1.14	-13.48	-1.43	-13.19	1.86	495.65	-1291.77	45.18	-841.29	-776.05
		179	7.93	-1.24	-14.21	-1.52	-13.94	1.86	390.54	-1351.35	27.53	-988.34	-707.49
149	6	170	14.38	-2.39	-24.05	-2.69	-23.75	2.53	1140.18	-2147.47	277.42	-1284.70	-1446.41
		171	14.44	-1.97	-20.91	-2.31	-20.57	2.53	1331.90	-2022.36	311.36	-1001.83	-1543.26
		181	13.20	-2.90	-21.04	-3.26	-20.68	2.53	1043.23	-1992.33	80.44	-1029.54	-1412.67
		180	13.16	-3.33	-24.18	-3.64	-23.87	2.53	847.94	-2113.86	46.49	-1312.41	-1315.83
149	17	170	23.37	-4.25	-29.66	-6.21	-27.70	-6.78	2238.76	-3113.86	586.26	-1461.36	-2472.74
		171	23.97	-3.53	-26.27	-5.77	-24.03	-6.78	2564.36	-2967.42	636.84	-1039.89	-2635.77
		181	22.03	-8.58	-27.56	-11.43	-24.71	-6.78	2111.56	-2949.99	248.11	-1086.54	-2441.21
		180	21.43	-9.44	-30.81	-11.87	-28.38	-6.78	1777.32	-3087.79	197.53	-1508.00	-2278.18
149	22	170	9.61	-1.35	-14.86	-1.58	-14.63	1.73	758.20	-1441.23	185.97	-869.00	-964.95
		171	9.66	-1.11	-13.09	-1.36	-12.83	1.73	884.02	-1360.79	208.07	-684.84	-1029.80
		181	8.84	-1.92	-13.21	-2.19	-12.93	1.73	692.78	-1342.72	53.45	-703.40	-944.78
		180	8.81	-2.17	-14.97	-2.41	-14.73	1.73	564.57	-1420.77	31.36	-887.55	-879.94
149	25	170	9.10	-1.19	-13.41	-1.41	-13.19	1.62	718.90	-1367.32	177.04	-825.47	-914.78
		171	9.16	-0.97	-11.90	-1.22	-11.65	1.62	836.96	-1293.12	197.64	-653.80	-976.25
		181	8.40	-1.86	-12.02	-2.13	-11.76	1.62	656.84	-1277.18	51.06	-671.39	-897.01
		180	8.36	-2.08	-13.53	-2.31	-13.30	1.62	536.50	-1349.10	30.46	-843.06	-835.53
150	6	171	14.91	-3.14	-20.79	-3.24	-20.68	1.37	1251.22	-2189.95	89.70	-1028.43	-1627.23
		172	14.76	-2.44	-15.36	-2.59	-15.21	1.37	1441.86	-2013.77	129.00	-700.92	-1677.24

		182	13.46	-4.68	-15.66	-4.85	-15.49	1.37	1215.77	-1921.26	9.73	-715.23	-1526.06
		181	13.64	-5.39	-21.07	-5.51	-20.95	1.37	1024.40	-2096.70	-29.57	-1042.74	-1476.04
150	17	171	24.89	-2.61	-28.77	-7.19	-24.20	-9.93	2463.58	-3242.19	301.52	-1080.13	-2767.98
		172	25.12	-1.29	-25.06	-6.65	-19.70	-9.93	2764.09	-3026.64	356.82	-619.37	-2853.93
		182	23.23	-8.21	-28.65	-16.04	-20.83	-9.93	2424.99	-2917.08	151.87	-643.96	-2641.23
		181	23.00	-10.10	-31.81	-16.57	-25.33	-9.93	2120.85	-3128.99	96.58	-1104.72	-2555.27
150	22	171	9.99	-1.68	-12.97	-1.77	-12.88	1.01	835.19	-1470.47	66.55	-701.83	-1086.93
		172	9.89	-1.24	-9.63	-1.36	-9.51	1.01	961.22	-1354.63	92.46	-485.87	-1121.24
		182	9.03	-3.16	-9.90	-3.31	-9.74	1.01	809.93	-1294.98	10.64	-495.69	-1021.55
		181	9.14	-3.61	-13.22	-3.72	-13.12	1.01	683.38	-1410.30	-15.27	-711.64	-987.24
150	25	171	9.47	-1.42	-11.78	-1.51	-11.68	0.97	792.70	-1396.15	66.14	-669.58	-1030.75
		172	9.39	-1.02	-8.76	-1.15	-8.64	0.97	911.18	-1287.78	90.44	-467.04	-1063.56
		182	8.58	-3.06	-9.05	-3.23	-8.89	0.97	768.24	-1232.46	12.21	-476.43	-970.06
		181	8.68	-3.48	-12.05	-3.59	-11.93	0.97	649.26	-1340.33	-12.09	-678.97	-937.25
151	6	172	14.64	-4.84	-15.49	-4.85	-15.49	-0.19	1103.26	-2259.82	-393.01	-763.56	-1671.30
		173	13.51	-3.61	-5.34	-3.63	-5.32	-0.19	1207.61	-1941.93	-347.77	-386.55	-1574.65
		183	12.01	-5.72	-7.17	-7.14	-5.74	-0.19	1167.71	-1643.92	-117.32	-358.90	-1400.61
		182	13.23	-8.36	-15.91	-8.36	-15.91	-0.19	1075.23	-1973.69	-162.56	-735.90	-1497.26
151	17	172	24.84	-1.07	-28.20	-9.25	-20.02	-12.45	2213.78	-3438.89	-502.61	-722.50	-2824.20
		173	23.07	2.57	-22.57	-8.25	-11.75	-12.45	2311.68	-2964.51	-441.30	-211.54	-2635.59
		183	21.00	-3.94	-29.92	-20.63	-13.23	-12.45	2326.58	-2475.71	8.44	-157.57	-2399.71
		182	22.85	-9.11	-34.02	-21.62	-21.50	-12.45	2245.86	-2967.27	-52.88	-668.53	-2588.32
151	22	172	9.83	-2.64	-9.66	-2.64	-9.66	0.09	751.26	-1511.29	-234.89	-525.15	-1121.93
		173	9.12	-1.80	-2.78	-1.81	-2.77	0.09	825.32	-1305.38	-204.89	-275.17	-1064.77
		183	8.14	-3.14	-4.93	-4.92	-3.15	0.09	790.42	-1117.82	-68.59	-258.82	-949.37
		182	8.90	-5.75	-10.04	-5.75	-10.04	0.09	723.52	-1330.91	-98.59	-508.80	-1006.53
151	25	172	9.34	-2.25	-8.77	-2.25	-8.77	0.17	719.04	-1433.19	-210.94	-503.21	-1066.15
		173	8.69	-1.43	-2.27	-1.47	-2.23	0.17	790.69	-1241.34	-182.71	-267.94	-1015.12
		183	7.78	-2.62	-4.81	-4.80	-2.63	0.17	754.41	-1068.79	-61.05	-253.34	-906.52
		182	8.47	-5.57	-9.18	-5.58	-9.17	0.17	689.19	-1267.08	-89.28	-488.61	-957.54
152	6	173	12.55	-5.87	-9.06	-8.97	-5.96	-0.54	591.24	-2191.79	-1121.19	-479.36	-1354.00
		17	10.22	9.35	-7.15	-7.13	9.33	-0.54	476.08	-1771.83	-1088.53	-207.22	-1033.97
		22	7.93	8.92	-10.68	-10.67	8.91	-0.54	693.84	-1134.92	-325.43	-115.65	-908.35
		183	10.66	-6.34	-12.55	-12.50	-6.39	-0.54	855.52	-1601.40	-358.09	-387.79	-1228.37
152	17	173	21.32	-2.78	-23.19	-13.59	-12.39	-10.19	1229.59	-3485.81	-1872.89	-383.33	-2236.97
		17	17.14	5.31	-18.11	-12.17	-0.63	-10.19	933.44	-2809.77	-1832.19	-44.14	-1644.28
		22	13.49	1.32	-30.43	-26.73	-2.37	-10.19	1365.65	-1659.14	-418.94	125.45	-1487.70
		183	18.35	-8.77	-33.50	-28.14	-14.13	-10.19	1747.33	-2420.71	-459.64	-213.74	-2080.39
152	22	173	8.40	-3.19	-5.46	-5.44	-3.21	0.19	438.37	-1444.75	-674.82	-331.56	-925.79
		17	6.91	7.84	-4.12	-4.12	7.84	0.19	368.86	-1173.44	-653.20	-151.38	-729.19
		22	5.56	7.45	-7.40	-7.40	7.45	0.19	507.78	-787.33	-184.42	-95.13	-646.01
		183	7.27	-3.59	-8.73	-8.73	-3.60	0.19	602.64	-1084.00	-206.04	-275.31	-842.61
152	25	173	7.98	-2.56	-5.02	-4.94	-2.65	0.45	435.02	-1362.72	-608.66	-319.05	-887.13
		17	6.60	8.15	-3.66	-3.64	8.13	0.45	372.65	-1110.34	-588.30	-149.40	-708.28
		22	5.41	7.72	-7.22	-7.20	7.70	0.45	500.73	-760.79	-161.83	-98.23	-629.96
		183	6.97	-3.04	-8.53	-8.50	-3.08	0.45	584.91	-1034.98	-182.19	-267.88	-808.81
153	6	221	19.63	1.85	-23.54	1.68	-23.37	-2.10	-169.17	-3947.52	-188.88	-3927.81	-272.22
		175	19.84	-0.03	-38.68	-0.15	-38.57	-2.10	-153.26	-3899.09	-181.99	-3870.35	-326.80
		185	19.58	-2.16	-38.94	-2.28	-38.82	-2.10	-287.06	-3911.02	-312.12	-3885.97	-300.28
		222	19.37	-0.27	-23.81	-0.46	-23.62	-2.10	-302.43	-3960.00	-319.01	-3943.42	-245.70
153	17	221	25.94	5.09	-19.79	3.34	-18.05	-6.35	-197.19	-5268.36	-251.15	-5214.40	-520.31
		175	26.41	0.64	-48.35	-0.19	-47.51	-6.35	-164.76	-5188.23	-239.09	-5113.90	-606.53
		185	25.97	-2.48	-48.78	-3.37	-47.89	-6.35	-378.74	-5204.48	-444.65	-5138.57	-560.13
		222	25.52	2.13	-20.39	0.17	-18.43	-6.35	-410.20	-5285.58	-456.71	-5239.07	-473.92
153	22	221	13.07	1.28	-13.50	1.13	-13.35	-1.50	-112.57	-2641.57	-126.66	-2627.48	-188.24
		175	13.22	0.03	-23.44	-0.07	-23.35	-1.50	-102.81	-2612.40	-122.49	-2592.71	-221.41
		185	13.06	-1.08	-23.58	-1.18	-23.48	-1.50	-184.13	-2619.64	-201.57	-2602.20	-205.36
		222	12.92	0.19	-13.65	0.02	-13.48	-1.50	-193.61	-2649.10	-205.74	-2636.97	-172.20
153	25	221	12.34	1.25	-11.64	1.08	-11.47	-1.47	-106.04	-2499.17	-119.99	-2485.22	-182.17
		175	12.48	0.05	-20.96	-0.05	-20.86	-1.47	-97.19	-2473.10	-116.25	-2454.04	-211.93
		185	12.34	-0.83	-21.07	-0.94	-20.97	-1.47	-170.18	-2479.58	-187.20	-2462.56	-197.53
		222	12.20	0.37	-11.75	0.19	-11.57	-1.47	-178.79	-2505.89	-190.95	-2493.73	-167.78
154	6	175	19.72	0.30	-38.71	0.12	-38.54	2.62	-295.51	-3949.91	-354.39	-3891.04	-460.08
		176	18.81	0.74	-35.17	0.55	-34.97	2.62	-257.85	-3769.82	-331.05	-3696.61	-501.72
		186	18.49	-1.92	-35.50	-2.12	-35.29	2.62	-379.37	-3759.51	-430.34	-3708.53	-411.97
		185	19.42	-2.36	-39.04	-2.55	-38.86	2.62	-414.36	-3942.27	-453.68	-3902.96	-370.33
154	17	175	26.47	0.32	-47.45	0.32	-47.45	-6.40e-03	-314.06	-5287.30	-460.85	-5140.51	-841.71
		176	25.01	0.95	-42.24	0.95	-42.24	-6.40e-03	-241.19	-4986.80	-420.85	-4807.15	-905.70
		186	24.38	-3.78	-42.81	-3.78	-42.81	-6.40e-03	-444.40	-4954.47	-573.41	-4825.46	-751.81
		185	25.89	-4.40	-48.01	-4.40	-48.01	-6.40e-03	-511.61	-5260.62	-613.41	-5158.82	-687.82
154	22	175	13.15	0.34	-23.41	0.24	-23.31	1.54	-195.27	-2646.42	-235.42	-2606.27	-311.15
		176	12.58	0.60	-21.28	0.50	-21.17	1.54	-170.92	-2532.87	-220.65	-2483.14	-339.10
		186	12.38	-1.00	-21.48	-1.12	-21.37	1.54	-251.71	-2526.72	-287.29	-2491.14	-282.26
		185	12.95	-1.27	-23.61	-1.38	-23.50	1.54	-274.42	-2641.90	-302.06	-2614.26	-254.31
154	25	175	12.42	0.39	-20.90	0.30	-20.82	1.35	-183.06	-2505.47	-221.81	-2466.71	-297.49
		176	11.90	0.63	-19.00	0.53	-18.91	1.35	-160.32	-2401.19	-208.21	-2353.31	-324.05
		186	11.71	-0.81	-19.18	-0.91	-19.08	1.35	-236.79	-2395.66	-271.54	-2360.91	-271.70

		185	12.23	-1.04	-21.08	-1.14	-20.99	1.35	-258.03	-2501.43	-285.15	-2474.31	-245.14
155	6	176	18.86	-1.15	-35.49	-1.43	-35.21	3.08	-250.84	-3781.63	-335.34	-3697.13	-539.65
		177	17.96	-1.03	-34.54	-1.32	-34.26	3.08	-204.22	-3584.86	-309.27	-3479.82	-586.60
		187	17.59	-1.37	-34.59	-1.66	-34.30	3.08	-346.08	-3568.39	-421.22	-3493.25	-486.28
		186	18.51	-1.49	-35.53	-1.77	-35.25	3.08	-389.18	-3768.67	-447.29	-3710.56	-439.33
155	17	176	25.18	-3.02	-42.73	-3.03	-42.72	-0.37	-192.73	-5006.37	-395.04	-4804.05	-965.89
		177	23.77	-2.82	-41.01	-2.82	-41.01	-0.37	-98.01	-4686.05	-350.57	-4433.49	-1046.41
		187	22.99	-4.35	-41.20	-4.35	-41.19	-0.37	-355.72	-4643.37	-542.57	-4456.53	-875.34
		186	24.46	-4.56	-42.91	-4.56	-42.91	-0.37	-442.94	-4971.19	-587.04	-4827.09	-794.82
155	22	176	12.61	-0.56	-21.50	-0.74	-21.32	1.91	-167.31	-2540.89	-224.59	-2483.61	-364.22
		177	12.05	-0.49	-20.96	-0.67	-20.78	1.91	-137.00	-2416.39	-208.00	-2345.39	-395.96
		187	11.80	-0.58	-20.97	-0.76	-20.79	1.91	-231.70	-2406.44	-283.67	-2354.47	-332.15
		186	12.39	-0.65	-21.51	-0.82	-21.33	1.91	-259.84	-2533.11	-300.26	-2492.69	-300.42
155	25	176	11.93	-0.44	-19.21	-0.60	-19.05	1.73	-157.20	-2408.86	-212.26	-2353.80	-347.77
		177	11.41	-0.38	-18.75	-0.54	-18.58	1.73	-128.79	-2294.32	-196.95	-2226.16	-378.09
		187	11.18	-0.38	-18.75	-0.55	-18.58	1.73	-218.70	-2285.36	-269.23	-2234.84	-319.17
		186	11.72	-0.44	-19.21	-0.60	-19.05	1.73	-245.14	-2401.88	-284.55	-2362.47	-288.85
156	6	177	18.20	-1.82	-34.71	-2.17	-34.36	3.39	-123.55	-3601.88	-252.43	-3473.00	-657.02
		178	17.16	-1.71	-33.83	-2.07	-33.47	3.39	-54.11	-3365.63	-219.68	-3200.07	-721.70
		188	16.60	-1.66	-33.83	-2.02	-33.47	3.39	-254.19	-3338.28	-373.90	-3218.57	-595.71
		187	17.69	-1.78	-34.71	-2.13	-34.35	3.39	-317.80	-3580.36	-406.65	-3491.50	-531.03
156	17	177	24.31	-5.15	-41.33	-5.18	-41.29	-1.16	56.70	-4724.11	-246.42	-4420.99	-1165.03
		178	22.81	-4.94	-39.66	-4.98	-39.62	-1.16	199.70	-4357.56	-191.83	-3966.04	-1277.10
		188	21.63	-6.21	-39.81	-6.25	-39.77	-1.16	-162.22	-4294.95	-459.07	-3998.11	-1067.08
		187	23.25	-6.41	-41.48	-6.45	-41.44	-1.16	-294.35	-4672.36	-513.66	-4453.06	-955.01
156	22	177	12.21	-0.99	-21.09	-1.22	-20.85	2.18	-83.89	-2427.93	-170.88	-2340.94	-443.11
		178	11.55	-0.92	-20.61	-1.17	-20.37	2.18	-38.72	-2278.15	-149.99	-2166.88	-486.63
		188	11.19	-0.72	-20.59	-0.96	-20.34	2.18	-171.56	-2261.54	-253.77	-2179.33	-406.28
		187	11.87	-0.78	-21.06	-1.02	-20.83	2.18	-213.17	-2414.87	-274.66	-2353.39	-362.76
156	25	177	11.57	-0.83	-18.87	-1.06	-18.64	2.02	-78.64	-2305.41	-162.07	-2221.98	-422.89
		178	10.97	-0.78	-18.47	-1.01	-18.24	2.02	-36.27	-2167.54	-142.76	-2061.05	-464.36
		188	10.62	-0.50	-18.43	-0.73	-18.20	2.02	-162.03	-2152.54	-241.65	-2072.91	-390.07
		187	11.25	-0.56	-18.84	-0.78	-18.61	2.02	-201.18	-2293.63	-260.97	-2233.84	-348.59
157	6	178	17.49	-2.31	-33.98	-2.74	-33.55	3.63	28.55	-3397.26	-174.11	-3194.60	-808.20
		179	16.23	-2.16	-32.84	-2.60	-32.41	3.63	131.13	-3102.03	-131.49	-2839.41	-883.24
		189	15.39	-2.52	-32.89	-2.96	-32.45	3.63	-121.55	-3049.74	-310.41	-2860.88	-719.28
		188	16.74	-2.67	-34.02	-3.10	-33.60	3.63	-214.75	-3354.36	-353.04	-3216.07	-644.24
157	17	178	23.55	-7.03	-40.01	-7.16	-39.88	-2.06	359.43	-4426.27	-110.55	-3956.28	-1424.19
		179	21.91	-6.80	-38.12	-6.93	-37.99	-2.06	571.82	-3987.96	-40.83	-3375.30	-1555.07
		189	20.18	-8.90	-38.38	-9.04	-38.24	-2.06	116.35	-3882.00	-352.90	-3412.75	-1286.87
		188	22.00	-9.13	-40.27	-9.27	-40.14	-2.06	-81.08	-4335.27	-422.62	-3993.73	-1155.99
157	22	178	11.77	-1.32	-20.73	-1.63	-20.42	2.43	16.13	-2299.22	-119.84	-2163.26	-544.36
		179	10.98	-1.23	-20.12	-1.55	-19.80	2.43	82.58	-2111.65	-92.62	-1936.45	-594.75
		189	10.44	-1.28	-20.12	-1.60	-19.80	2.43	-84.14	-2079.52	-212.78	-1950.87	-490.05
		188	11.28	-1.37	-20.74	-1.68	-20.43	2.43	-144.91	-2272.77	-240.00	-2177.68	-439.66
157	25	178	11.17	-1.16	-18.60	-1.47	-18.29	2.29	15.72	-2187.59	-114.25	-2057.62	-519.10
		179	10.45	-1.09	-18.08	-1.40	-17.76	2.29	77.91	-2014.81	-89.07	-1847.82	-567.07
		189	9.94	-1.06	-18.07	-1.37	-17.76	2.29	-79.38	-1985.61	-203.44	-1861.55	-470.22
		188	10.71	-1.13	-18.59	-1.43	-18.29	2.29	-136.47	-2163.50	-228.62	-2071.35	-422.25
158	6	179	16.64	-2.93	-32.99	-3.41	-32.50	3.77	205.76	-3153.10	-110.46	-2836.88	-980.89
		180	15.10	-2.65	-30.93	-3.16	-30.41	3.77	355.95	-2776.13	-53.98	-2366.20	-1056.36
		190	13.85	-3.62	-31.06	-4.15	-30.53	3.77	54.35	-2676.09	-233.95	-2387.80	-839.08
		189	15.55	-3.90	-33.12	-4.40	-32.62	3.77	-80.53	-3068.38	-290.43	-2858.48	-763.60
158	17	179	22.87	-9.20	-38.61	-9.52	-38.30	-3.02	725.59	-4094.13	1.66	-3370.20	-1721.93
		180	21.11	-8.82	-35.69	-9.16	-35.34	-3.02	1035.76	-3555.72	92.58	-2612.54	-1854.99
		190	18.57	-11.97	-36.11	-12.35	-35.73	-3.02	495.47	-3370.79	-224.70	-2650.62	-1505.23
		189	20.63	-12.36	-39.03	-12.70	-38.68	-3.02	205.42	-3929.31	-315.62	-3408.27	-1372.17
158	22	179	11.25	-1.76	-20.24	-2.13	-19.87	2.60	132.25	-2145.34	-78.35	-1934.74	-659.79
		180	10.27	-1.59	-19.06	-1.99	-18.66	2.60	228.72	-1904.64	-42.22	-1633.69	-710.36
		190	9.47	-2.11	-19.14	-2.51	-18.73	2.60	31.55	-1842.53	-162.82	-1648.16	-571.39
		189	10.55	-2.27	-20.32	-2.66	-19.93	2.60	-55.69	-2092.46	-198.94	-1949.21	-520.81
158	25	179	10.70	-1.60	-18.22	-1.98	-17.83	2.49	125.08	-2046.67	-75.41	-1846.18	-628.67
		180	9.80	-1.45	-17.19	-1.86	-16.79	2.49	214.96	-1824.43	-41.97	-1567.50	-676.74
		190	9.06	-1.90	-17.26	-2.31	-16.84	2.49	29.87	-1767.70	-156.59	-1581.25	-548.09
		189	10.05	-2.04	-18.28	-2.44	-17.89	2.49	-51.76	-1998.21	-190.03	-1859.94	-500.02
159	6	180	15.53	-3.92	-31.10	-4.44	-30.57	3.75	398.13	-2847.83	-80.34	-2369.36	-1150.72
		181	13.70	-3.40	-27.43	-4.00	-26.83	3.75	611.31	-2373.29	-6.66	-1755.32	-1209.34
		191	11.86	-4.95	-27.66	-5.59	-27.03	3.75	272.79	-2191.31	-146.42	-1772.10	-925.87
		190	13.97	-5.48	-31.32	-6.04	-30.76	3.75	84.34	-2690.59	-220.11	-2386.14	-867.26
159	17	180	22.15	-12.04	-36.49	-12.76	-35.78	-4.11	1146.52	-3697.83	64.58	-2615.90	-2017.59
		181	20.41	-11.34	-31.98	-12.20	-31.12	-4.11	1581.08	-3040.76	181.54	-1641.23	-2123.61
		191	16.83	-15.33	-32.66	-16.37	-31.62	-4.11	983.70	-2726.52	-71.26	-1671.56	-1673.68
		190	18.99	-16.09	-37.11	-16.93	-36.28	-4.11	574.76	-3409.21	-188.22	-2646.24	-1567.65
159	22	180	10.55	-2.46	-19.20	-2.89	-18.77	2.64	257.39	-1951.44	-58.41	-1635.64	-773.19
		181	9.37	-2.14	-17.05	-2.63	-16.57	2.64	392.73	-1645.66	-11.15	-1241.78	-812.49
		191	8.20	-3.25	-17.22	-3.77	-16.70	2.64	173.89	-1531.78	-104.85	-1253.03	-630.68
		190	9.55	-3.58	-19.37	-4.03	-18.91	2.64	53.55	-1852.55	-152.12	-1646.88	-591.38

159	25	180	10.07	-2.30	-17.34	-2.74	-16.90	2.55	242.48	-1868.43	-56.69	-1569.26	-736.21
		181	8.98	-2.01	-15.45	-2.51	-14.95	2.55	367.79	-1584.83	-12.88	-1204.17	-773.55
		191	7.89	-3.11	-15.63	-3.65	-15.09	2.55	163.63	-1480.39	-101.91	-1214.85	-605.01
		190	9.14	-3.41	-17.51	-3.89	-17.03	2.55	51.77	-1777.44	-145.72	-1579.95	-567.67
160	6	181	13.98	-5.66	-27.69	-6.25	-27.10	3.55	574.62	-2459.80	-116.66	-1768.52	-1272.70
		182	11.98	-4.71	-21.62	-5.50	-20.84	3.55	858.04	-1887.12	-24.94	-1004.14	-1282.29
		192	9.37	-6.95	-22.01	-7.84	-21.12	3.55	518.50	-1573.20	-47.81	-1006.89	-929.43
		191	11.82	-7.94	-28.04	-8.59	-27.39	3.55	274.12	-2184.93	-139.54	-1771.27	-919.84
160	17	181	21.21	-15.39	-33.70	-17.34	-31.74	-5.66	1577.11	-3206.51	30.01	-1659.41	-2237.68
		182	19.72	-13.88	-28.35	-16.61	-25.63	-5.66	2142.26	-2422.94	174.52	-455.19	-2260.78
		192	15.04	-18.33	-30.33	-22.35	-26.32	-5.66	1558.29	-1900.65	119.44	-461.80	-1704.88
		191	16.96	-20.41	-35.10	-23.08	-32.43	-5.66	1025.70	-2716.79	-25.07	-1666.02	-1681.78
160	22	181	9.55	-3.65	-17.25	-4.16	-16.75	2.56	371.02	-1700.93	-79.88	-1250.03	-854.94
		182	8.22	-3.03	-13.60	-3.70	-12.94	2.56	548.51	-1327.15	-20.82	-757.83	-862.40
		192	6.57	-4.99	-13.99	-5.79	-13.19	2.56	331.17	-1129.72	-38.59	-759.96	-635.18
		191	8.18	-5.67	-17.58	-6.25	-17.00	2.56	177.89	-1527.71	-97.66	-1252.16	-627.73
160	25	181	9.15	-3.44	-15.66	-3.98	-15.13	2.50	348.45	-1636.22	-76.03	-1211.75	-813.79
		182	7.89	-2.86	-12.42	-3.57	-11.72	2.50	511.54	-1287.36	-21.17	-754.64	-821.29
		192	6.37	-4.93	-12.87	-5.82	-11.99	2.50	310.05	-1105.90	-39.05	-756.79	-610.28
		191	7.87	-5.59	-16.03	-6.23	-15.40	2.50	168.87	-1476.66	-93.90	-1213.89	-602.78
161	6	182	11.66	-8.17	-22.09	-9.00	-21.26	3.31	709.01	-1931.05	-197.23	-1024.82	-1253.50
		183	10.22	-6.45	-14.88	-8.05	-13.29	3.31	1027.45	-1341.61	-99.95	-214.20	-1183.15
		193	7.11	-9.66	-16.44	-12.30	-13.80	3.31	756.33	-882.62	67.78	-194.07	-808.95
		192	9.02	-12.12	-22.90	-13.26	-21.77	3.31	488.35	-1522.53	-29.49	-1004.69	-879.29
161	17	182	19.31	-16.33	-32.17	-22.20	-26.30	-7.65	1964.30	-2474.28	-30.22	-479.76	-2207.88
		183	18.43	-16.35	-32.19	-22.21	-26.34	-7.65	2550.27	-1697.74	115.76	736.78	-2101.19
		193	13.70	-22.25	-38.47	-33.07	-27.65	-7.65	2121.08	-983.61	370.16	767.30	-1539.59
		192	14.67	-22.22	-38.46	-33.07	-27.60	-7.65	1567.84	-1792.89	224.18	-449.23	-1646.29
161	22	182	8.02	-5.27	-14.09	-6.13	-13.23	2.62	455.45	-1356.44	-130.05	-770.94	-847.38
		183	6.99	-3.79	-9.53	-5.49	-7.83	2.62	656.31	-957.91	-65.83	-235.77	-802.63
		193	4.98	-6.18	-11.53	-9.41	-8.30	2.62	479.98	-662.07	40.88	-222.97	-555.58
		192	6.32	-8.69	-15.07	-10.05	-13.70	2.62	313.09	-1094.57	-23.34	-758.13	-600.33
161	25	182	7.72	-4.92	-13.00	-5.92	-12.00	2.66	425.80	-1315.29	-122.67	-766.82	-808.77
		183	6.72	-3.33	-8.89	-5.31	-6.91	2.66	610.65	-936.83	-62.31	-263.87	-767.15
		193	4.85	-5.61	-11.34	-9.53	-7.42	2.66	446.62	-661.64	36.94	-251.96	-534.97
		192	6.13	-8.42	-14.24	-10.15	-12.51	2.66	293.65	-1071.98	-23.41	-754.91	-576.59
162	6	183	8.89	-8.66	-18.68	-13.41	-13.93	5.00	720.18	-1304.00	-340.73	-243.10	-1010.91
		22	7.41	3.62	-13.16	-11.50	1.97	5.00	1006.88	-710.49	-246.42	542.81	-762.64
		27	4.52	2.26	-20.08	-18.89	1.08	5.00	901.46	57.97	345.58	613.85	-399.84
		193	6.11	-11.98	-23.64	-20.80	-14.82	5.00	721.41	-642.20	251.27	-172.06	-648.11
162	17	183	15.85	-26.05	-30.90	-29.71	-27.24	-2.09	2019.35	-1691.06	-352.32	680.61	-1781.86
		22	14.59	-14.91	-28.60	-28.27	-15.23	-2.09	2529.19	-722.31	-193.90	2000.78	-1199.54
		27	10.92	-17.18	-45.89	-45.74	-17.33	-2.09	2445.74	916.28	1194.62	2167.40	-590.11
		193	11.44	-29.10	-47.42	-47.18	-29.34	-2.09	2117.95	-234.52	1036.20	847.23	-1172.43
162	22	183	6.17	-4.66	-12.92	-9.29	-8.29	4.10	468.53	-924.07	-203.28	-252.27	-695.87
		22	5.13	3.69	-9.46	-8.02	2.26	4.10	651.23	-527.53	-141.22	264.92	-553.29
		27	3.20	2.53	-15.19	-14.19	1.52	4.10	571.29	-66.82	198.76	305.72	-314.54
		193	4.40	-7.03	-17.45	-15.45	-9.03	4.10	451.76	-526.53	136.70	-211.47	-457.12
162	25	183	5.97	-3.86	-12.51	-9.01	-7.35	4.24	440.20	-902.06	-183.45	-278.41	-669.45
		22	4.97	4.02	-9.35	-7.83	2.50	4.24	609.71	-528.32	-125.25	206.64	-544.28
		27	3.16	2.80	-15.27	-14.21	1.74	4.24	530.06	-114.41	173.20	242.45	-320.37
		193	4.34	-6.17	-17.35	-15.40	-8.12	4.24	416.27	-543.87	115.00	-242.59	-445.54
163	5	222	6.81	1.22	-7.64	0.63	-7.05	-2.20	-26.18	-1357.29	-42.55	-1340.92	-146.72
		185	6.49	2.92	-1.82	1.44	-0.33	-2.20	-15.99	-1322.88	-37.77	-1301.09	-167.33
		195	6.36	1.70	-2.70	-0.44	-0.55	-2.20	-69.00	-1324.91	-86.92	-1306.99	-148.94
		223	6.68	-0.53	-7.99	-1.25	-7.28	-2.20	-78.71	-1359.81	-91.70	-1346.82	-128.33
163	18	222	10.98	4.82	-4.42	-0.47	0.86	4.57	-196.62	-2328.91	-197.31	-2328.22	38.45
		185	11.50	-0.52	-14.89	-2.17	-13.24	4.57	-198.78	-2365.76	-201.49	-2363.06	76.51
		195	11.66	1.61	-14.40	0.18	-12.96	4.57	-109.10	-2353.80	-110.73	-2352.17	60.43
		223	11.11	6.09	-3.08	1.87	1.15	4.57	-106.33	-2317.55	-106.55	-2317.33	22.36
163	21	222	5.12	0.90	-5.59	0.48	-5.16	-1.60	-20.24	-1022.36	-32.08	-1010.53	-108.27
		185	4.89	2.16	-1.31	1.07	-0.22	-1.60	-12.78	-997.13	-28.57	-981.34	-123.67
		195	4.79	1.25	-1.96	-0.32	-0.39	-1.60	-52.27	-998.75	-65.28	-985.75	-110.19
		223	5.03	-0.39	-5.85	-0.91	-5.33	-1.60	-59.38	-1024.34	-68.78	-1014.93	-94.80
163	24	222	5.12	0.90	-5.59	0.48	-5.16	-1.60	-20.24	-1022.36	-32.08	-1010.53	-108.27
		185	4.89	2.16	-1.31	1.07	-0.22	-1.60	-12.78	-997.13	-28.57	-981.34	-123.67
		195	4.79	1.25	-1.96	-0.32	-0.39	-1.60	-52.27	-998.75	-65.28	-985.75	-110.19
		223	5.03	-0.39	-5.85	-0.91	-5.33	-1.60	-59.38	-1024.34	-68.78	-1014.93	-94.80
164	5	185	6.44	2.57	-1.79	1.15	-0.36	-2.04	-102.17	-1352.42	-141.10	-1313.49	-217.15
		186	6.25	2.43	-2.06	1.11	-0.74	-2.04	-90.36	-1306.61	-134.93	-1262.04	-228.51
		196	6.14	0.95	-3.14	-1.18	-1.01	-2.04	-125.23	-1302.07	-162.01	-1265.29	-204.76
		195	6.33	1.17	-2.95	-1.14	-0.64	-2.04	-136.49	-1348.43	-168.18	-1316.74	-193.40
164	18	185	11.43	-2.27	-14.48	-3.36	-13.39	3.49	-237.44	-2371.76	-241.36	-2367.84	91.37
		186	11.40	-1.71	-12.15	-3.05	-10.81	3.49	-236.21	-2377.94	-241.89	-2372.25	110.15
		196	11.50	2.34	-11.25	1.37	-10.28	3.49	-191.74	-2372.26	-197.11	-2366.88	108.11
		195	11.54	1.89	-13.68	1.06	-12.86	3.49	-192.91	-2366.15	-196.58	-2362.47	89.34
164	21	185	4.85	1.89	-1.27	0.86	-0.25	-1.48	-77.91	-1018.86	-106.13	-990.65	-160.48

		186	4.71	1.77	-1.48	0.83	-0.54	-1.48	-69.33	-985.12	-101.59	-952.86	-168.82
		196	4.63	0.68	-2.28	-0.85	-0.74	-1.48	-94.85	-981.88	-121.49	-955.25	-151.38
		195	4.77	0.86	-2.13	-0.82	-0.45	-1.48	-103.03	-1016.02	-126.02	-993.03	-143.04
164	24	185	4.85	1.89	-1.27	0.86	-0.25	-1.48	-77.91	-1018.86	-106.13	-990.65	-160.48
		186	4.71	1.77	-1.48	0.83	-0.54	-1.48	-69.33	-985.12	-101.59	-952.86	-168.82
		196	4.63	0.68	-2.28	-0.85	-0.74	-1.48	-94.85	-981.88	-121.49	-955.25	-151.38
		195	4.77	0.86	-2.13	-0.82	-0.45	-1.48	-103.03	-1016.02	-126.02	-993.03	-143.04
165	5	186	6.28	3.38	-2.55	1.52	-0.69	-2.75	-102.55	-1314.10	-152.50	-1264.15	-240.88
		187	6.17	3.22	-2.87	1.47	-1.12	-2.75	-85.76	-1279.79	-147.02	-1218.53	-263.44
		197	6.01	1.35	-4.15	-1.34	-1.46	-2.75	-146.34	-1279.45	-200.81	-1224.98	-242.38
		196	6.14	1.60	-3.91	-1.29	-1.03	-2.75	-162.67	-1314.22	-206.28	-1270.60	-219.82
165	18	186	11.40	0.29	-13.58	-2.54	-10.75	5.59	-254.11	-2381.93	-261.44	-2374.60	124.69
		187	11.42	0.37	-13.37	-2.51	-10.50	5.59	-252.15	-2386.75	-261.75	-2377.15	142.78
		197	11.51	3.21	-12.44	0.86	-10.09	5.59	-209.34	-2381.25	-218.61	-2371.98	141.60
		196	11.49	3.15	-12.67	0.83	-10.35	5.59	-211.24	-2376.49	-218.31	-2369.43	123.51
165	21	186	4.73	2.50	-1.83	1.17	-0.50	-1.99	-78.76	-990.64	-114.93	-954.46	-177.98
		187	4.64	2.37	-2.07	1.13	-0.83	-1.99	-66.56	-965.28	-110.91	-920.93	-194.64
		197	4.53	0.98	-3.01	-0.96	-1.08	-1.99	-111.22	-965.11	-150.63	-925.70	-179.16
		196	4.62	1.16	-2.83	-0.92	-0.75	-1.99	-123.07	-990.81	-154.66	-959.23	-162.50
165	24	186	4.73	2.50	-1.83	1.17	-0.50	-1.99	-78.76	-990.64	-114.93	-954.46	-177.98
		187	4.64	2.37	-2.07	1.13	-0.83	-1.99	-66.56	-965.28	-110.91	-920.93	-194.64
		197	4.53	0.98	-3.01	-0.96	-1.08	-1.99	-111.22	-965.11	-150.63	-925.70	-179.16
		196	4.62	1.16	-2.83	-0.92	-0.75	-1.99	-123.07	-990.81	-154.66	-959.23	-162.50
166	5	187	6.28	4.15	-3.93	1.36	-1.13	-3.84	-70.18	-1291.64	-143.68	-1218.13	-290.49
		188	6.15	4.09	-4.02	1.34	-1.27	-3.84	-47.07	-1251.64	-136.92	-1161.79	-316.49
		198	5.96	2.04	-5.65	-1.95	-1.66	-3.84	-118.60	-1249.54	-198.92	-1169.23	-290.48
		197	6.10	2.12	-5.58	-1.93	-1.53	-3.84	-141.17	-1290.07	-205.68	-1225.57	-264.48
166	18	187	11.45	3.11	-14.66	-1.21	-10.34	7.62	-266.51	-2392.28	-279.50	-2379.28	165.70
		188	11.54	3.11	-14.64	-1.20	-10.32	7.62	-264.55	-2408.82	-281.07	-2392.30	187.48
		198	11.63	5.61	-13.68	1.88	-9.95	7.62	-213.97	-2401.23	-229.13	-2386.07	181.47
		197	11.55	5.60	-13.70	1.88	-9.97	7.62	-215.75	-2384.87	-227.57	-2373.05	159.69
166	21	187	4.73	3.08	-2.84	1.08	-0.84	-2.80	-55.39	-973.90	-108.63	-920.66	-214.63
		188	4.63	3.03	-2.92	1.07	-0.95	-2.80	-38.60	-944.24	-103.66	-879.19	-233.84
		198	4.49	1.49	-4.11	-1.38	-1.24	-2.80	-91.36	-942.78	-149.46	-884.68	-214.69
		197	4.59	1.55	-4.05	-1.37	-1.13	-2.80	-107.74	-972.85	-154.44	-926.16	-195.48
166	24	187	4.73	3.08	-2.84	1.08	-0.84	-2.80	-55.39	-973.90	-108.63	-920.66	-214.63
		188	4.63	3.03	-2.92	1.07	-0.95	-2.80	-38.60	-944.24	-103.66	-879.19	-233.84
		198	4.49	1.49	-4.11	-1.38	-1.24	-2.80	-91.36	-942.78	-149.46	-884.68	-214.69
		197	4.59	1.55	-4.05	-1.37	-1.13	-2.80	-107.74	-972.85	-154.44	-926.16	-195.48
167	5	188	6.31	4.71	-5.50	0.57	-1.36	-5.01	-21.30	-1266.37	-127.06	-1160.60	-347.12
		189	6.10	4.94	-5.20	0.62	-0.88	-5.01	8.93	-1208.45	-117.62	-1081.90	-371.55
		199	5.85	2.90	-7.28	-3.06	-1.32	-5.01	-66.00	-1198.75	-175.86	-1088.89	-335.22
		198	6.07	2.59	-7.52	-3.12	-1.81	-5.01	-95.23	-1257.67	-185.31	-1167.59	-310.79
167	18	188	11.59	5.95	-15.61	0.46	-10.12	9.39	-275.78	-2415.96	-297.47	-2394.27	214.36
		189	11.81	5.92	-15.67	0.45	-10.19	9.39	-276.65	-2460.04	-302.28	-2434.40	235.20
		199	11.88	8.49	-14.62	3.67	-9.80	9.39	-231.22	-2449.81	-252.58	-2428.44	216.67
		198	11.66	8.51	-14.57	3.68	-9.74	9.39	-230.00	-2406.07	-247.77	-2388.31	195.83
167	21	188	4.75	3.51	-4.00	0.53	-1.01	-3.67	-19.86	-954.95	-96.49	-878.33	-256.48
		189	4.59	3.68	-3.77	0.58	-0.66	-3.67	2.11	-911.97	-89.53	-820.33	-274.53
		199	4.40	2.13	-5.31	-2.19	-0.99	-3.67	-53.10	-904.97	-132.57	-825.49	-247.76
		198	4.57	1.91	-5.49	-2.23	-1.35	-3.67	-74.33	-948.70	-139.53	-883.49	-229.71
167	24	188	4.75	3.51	-4.00	0.53	-1.01	-3.67	-19.86	-954.95	-96.49	-878.33	-256.48
		189	4.59	3.68	-3.77	0.58	-0.66	-3.67	2.11	-911.97	-89.53	-820.33	-274.53
		199	4.40	2.13	-5.31	-2.19	-0.99	-3.67	-53.10	-904.97	-132.57	-825.49	-247.76
		198	4.57	1.91	-5.49	-2.23	-1.35	-3.67	-74.33	-948.70	-139.53	-883.49	-229.71
168	6	189	5.57	17.87	1.07	1.60	17.34	-2.93	741.26	-514.86	71.21	155.20	-626.66
		190	6.05	18.99	1.24	1.73	18.50	-2.93	890.47	-441.66	95.04	353.77	-653.38
		200	5.36	18.63	-1.29	-0.85	18.19	-2.93	772.07	-394.62	31.32	346.12	-561.71
		199	4.84	17.49	-1.46	-0.99	17.03	-2.93	617.07	-462.03	7.49	147.55	-534.99
168	19	189	12.18	29.62	-10.65	-1.50	20.47	-16.88	2135.69	-263.05	271.35	1601.29	-998.15
		190	13.45	30.92	-10.15	-1.31	22.09	-16.88	2422.50	-208.76	307.90	1905.85	-1045.24
		200	12.79	28.61	-16.89	-9.39	21.12	-16.88	2284.21	-196.21	195.62	1892.38	-904.64
		199	11.46	27.24	-17.32	-9.59	19.50	-16.88	1989.57	-242.68	159.08	1587.82	-857.56
168	21	189	4.72	3.79	-5.15	-0.57	-0.80	-4.47	24.74	-923.40	-79.54	-819.13	-296.64
		190	4.46	4.41	-4.56	-0.44	0.28	-4.47	52.37	-858.07	-69.58	-736.12	-310.09
		200	4.21	3.02	-6.52	-3.42	-0.08	-4.47	-1.62	-840.00	-101.66	-739.97	-271.77
		199	4.49	2.28	-6.98	-3.55	-1.16	-4.47	-27.71	-906.88	-111.62	-822.98	-258.32
168	24	189	4.72	3.79	-5.15	-0.57	-0.80	-4.47	24.74	-923.40	-79.54	-819.13	-296.64
		190	4.46	4.41	-4.56	-0.44	0.28	-4.47	52.37	-858.07	-69.58	-736.12	-310.09
		200	4.21	3.02	-6.52	-3.42	-0.08	-4.47	-1.62	-840.00	-101.66	-739.97	-271.77
		199	4.49	2.28	-6.98	-3.55	-1.16	-4.47	-27.71	-906.88	-111.62	-822.98	-258.32
169	6	190	6.27	18.71	-0.60	-0.15	18.27	-2.89	924.77	-460.46	108.88	355.43	-681.56
		191	6.82	20.56	-0.33	0.07	20.15	-2.89	1105.34	-346.69	140.42	618.23	-685.58
		201	5.95	20.25	-2.60	-2.22	19.87	-2.89	988.37	-240.47	130.82	617.08	-564.27
		200	5.32	18.39	-2.85	-2.45	17.99	-2.89	801.35	-347.79	99.28	354.28	-560.24
169	19	190	13.89	31.01	-15.57	-6.07	21.52	-18.76	2479.68	-230.44	339.59	1909.65	-1104.50
		191	15.44	33.42	-14.72	-5.72	24.42	-18.76	2854.29	-112.00	392.42	2349.88	-1114.36

		201	14.42	31.19	-21.89	-14.12	23.41	-18.76	2702.76	13.18	368.89	2347.05	-911.14
		200	12.73	28.67	-22.63	-14.47	20.51	-18.76	2313.50	-90.60	316.07	1906.83	-901.28
169	22	190	4.16	11.57	-1.05	-0.45	10.97	-2.68	525.61	-415.07	52.48	58.06	-470.33
		191	4.37	13.10	-0.80	-0.26	12.56	-2.68	635.69	-325.64	73.85	236.19	-473.76
		201	3.72	12.80	-2.73	-2.25	12.32	-2.68	551.04	-250.17	65.67	235.21	-391.53
		200	3.47	11.26	-2.97	-2.44	10.73	-2.68	438.84	-337.47	44.29	57.08	-388.10
169	24	190	4.57	3.94	-6.37	-2.47	0.03	-5.00	74.35	-866.37	-57.37	-734.65	-326.43
		191	4.19	5.51	-5.45	-2.20	2.26	-5.00	106.27	-775.31	-44.19	-624.85	-331.67
		201	3.86	4.48	-7.79	-5.21	1.90	-5.00	58.59	-741.62	-56.68	-626.35	-280.98
		200	4.27	2.72	-8.52	-5.47	-0.33	-5.00	29.46	-835.47	-69.86	-736.15	-275.75
170	6	191	6.75	20.02	-3.16	-2.93	19.79	-2.29	1102.50	-336.14	147.30	619.06	-679.54
		192	7.39	22.67	-2.82	-2.61	22.47	-2.29	1300.84	-190.86	184.12	925.85	-647.11
		202	6.47	22.49	-4.27	-4.08	22.29	-2.29	1205.73	-9.13	261.46	935.14	-505.48
		201	5.70	19.83	-4.61	-4.40	19.61	-2.29	1001.03	-148.05	224.64	628.34	-537.92
170	19	191	15.54	32.44	-21.34	-12.50	23.61	-19.92	2867.78	-96.22	418.54	2353.01	-1122.84
		192	17.40	37.32	-19.90	-11.83	29.24	-19.92	3319.41	83.38	486.17	2916.62	-1068.27
		202	16.14	35.49	-26.90	-19.70	28.29	-19.92	3186.33	362.21	616.30	2932.24	-808.09
		201	14.06	30.47	-28.19	-20.38	22.66	-19.92	2712.54	204.75	548.67	2368.63	-862.66
170	22	191	4.33	12.60	-3.07	-2.74	12.26	-2.27	636.29	-318.18	81.05	237.06	-470.81
		192	4.61	14.85	-2.76	-2.46	14.55	-2.27	755.95	-206.71	105.81	443.42	-450.76
		202	3.92	14.66	-4.15	-3.87	14.38	-2.27	686.38	-83.58	153.64	449.16	-355.49
		201	3.56	12.40	-4.46	-4.14	12.09	-2.27	565.68	-194.01	128.88	242.79	-375.55
170	25	191	4.09	11.55	-3.49	-3.05	11.11	-2.54	562.30	-352.08	68.74	141.48	-455.75
		192	4.27	13.89	-3.14	-2.76	13.50	-2.54	669.81	-239.04	92.37	338.40	-437.46
		202	3.58	13.68	-4.66	-4.30	13.32	-2.54	601.58	-121.97	135.98	343.63	-346.55
		201	3.34	11.33	-4.99	-4.59	10.92	-2.54	494.77	-235.72	112.35	146.71	-364.84
171	8	192	6.96	20.45	-5.04	-5.04	20.45	0.21	1308.26	-29.00	201.35	1077.91	-504.96
		193	7.77	24.41	-4.56	-4.56	24.41	0.21	1499.42	92.93	234.90	1357.45	-423.70
		203	7.14	24.58	-3.17	-3.17	24.58	0.21	1464.52	344.83	428.65	1380.70	-294.65
		202	6.19	20.62	-3.65	-3.64	20.62	0.21	1263.82	232.44	395.10	1101.16	-375.91
171	19	192	17.20	34.65	-29.41	-22.70	27.93	-19.62	3297.46	147.20	523.56	2921.11	-1021.75
		193	19.57	49.10	-26.32	-20.82	43.59	-19.62	3812.33	367.08	602.28	3577.13	-868.90
		203	18.26	48.02	-31.93	-26.79	42.88	-19.62	3736.55	851.04	966.73	3620.87	-566.06
		202	15.57	33.42	-34.87	-28.67	27.22	-19.62	3189.41	663.44	888.01	2964.84	-718.91
171	22	192	4.30	14.06	-6.75	-6.73	14.04	-0.68	729.53	-163.22	121.06	445.25	-415.90
		193	4.61	16.66	-6.43	-6.41	16.64	-0.68	833.15	-52.80	144.00	636.36	-368.27
		203	4.05	16.73	-5.86	-5.84	16.71	-0.68	795.72	111.84	257.58	649.99	-280.05
		202	3.65	14.13	-6.17	-6.15	14.11	-0.68	693.09	0.43	234.64	458.88	-327.68
171	25	192	3.95	13.02	-7.12	-7.09	12.98	-0.86	644.29	-196.00	108.01	340.28	-403.77
		193	4.17	15.41	-6.83	-6.80	15.37	-0.86	733.96	-86.81	129.32	517.83	-361.50
		203	3.62	15.46	-6.40	-6.37	15.43	-0.86	697.21	62.82	230.11	529.92	-279.54
		202	3.32	13.07	-6.70	-6.66	13.03	-0.86	610.31	-49.13	208.81	352.37	-321.81
172	8	193	7.02	24.29	-12.50	-11.75	23.55	5.19	1452.57	366.83	437.62	1381.78	-268.04
		27	6.80	22.59	-12.74	-11.96	21.81	5.19	1416.59	374.90	434.63	1356.86	-242.18
		32	6.76	23.84	-4.33	-3.34	22.85	5.19	1432.96	427.56	496.27	1364.26	-253.69
		203	6.98	25.52	-4.07	-3.13	24.58	5.19	1469.70	418.74	499.26	1389.18	-279.54
172	19	193	18.05	42.10	-39.93	-39.22	41.39	-7.61	3720.04	862.89	962.56	3620.37	-524.26
		27	17.89	49.58	-38.98	-38.32	48.92	-7.61	3645.01	861.88	954.41	3552.48	-498.97
		32	17.87	50.26	-33.60	-32.90	49.57	-7.61	3665.79	908.63	1014.71	3559.71	-530.31
		203	18.04	42.79	-34.56	-33.80	42.04	-7.61	3741.16	909.29	1022.85	3627.60	-555.60
172	22	193	3.91	16.41	-12.95	-12.46	15.92	3.75	782.10	105.58	239.82	647.86	-269.81
		27	3.73	11.24	-13.67	-13.09	10.66	3.75	773.22	121.31	240.55	653.98	-252.02
		32	3.68	12.18	-7.42	-6.67	11.43	3.75	783.21	158.83	282.96	659.07	-249.20
		203	3.85	17.29	-6.65	-6.04	16.69	3.75	792.61	142.57	282.23	652.95	-266.98
172	25	193	3.47	15.11	-13.10	-12.66	14.67	3.50	682.86	51.70	207.37	527.19	-272.07
		27	3.30	9.35	-13.90	-13.36	8.81	3.50	677.89	69.78	208.78	538.90	-255.35
		32	3.24	10.24	-8.02	-7.33	9.54	3.50	686.39	105.92	248.63	543.68	-249.95
		203	3.40	15.94	-7.17	-6.62	15.40	3.50	691.89	87.31	247.23	531.98	-266.66
173	5	223	3.10	0.05	-2.87	-0.64	-2.18	-1.24	13.99	-611.42	-1.58	-595.84	-97.46
		195	2.97	0.55	-1.96	-0.49	-0.92	-1.24	30.07	-583.26	3.16	-556.34	-125.63
		205	2.82	0.56	-1.95	-0.48	-0.92	-1.24	-41.95	-586.48	-64.02	-564.40	-107.39
		224	2.95	0.05	-2.86	-0.63	-2.18	-1.24	-57.28	-615.39	-68.76	-603.91	-79.22
173	18	223	4.96	2.05	-4.78	1.25	-3.99	2.19	67.22	-946.55	58.94	-938.26	91.27
		195	4.92	1.62	-6.72	1.00	-6.10	2.19	63.02	-930.90	60.16	-928.05	53.19
		205	4.74	0.76	-6.90	0.07	-6.21	2.19	-26.96	-942.62	-30.64	-938.94	57.91
		224	4.78	1.22	-5.00	0.33	-4.10	2.19	-21.92	-959.09	-31.86	-949.16	95.99
173	21	223	2.33	0.03	-2.10	-0.47	-1.60	-0.91	10.43	-459.67	-0.80	-448.43	-71.80
		195	2.23	0.41	-1.43	-0.35	-0.67	-0.91	22.30	-438.62	2.72	-419.05	-92.95
		205	2.12	0.41	-1.43	-0.35	-0.67	-0.91	-31.69	-441.12	-47.71	-425.10	-79.39
		224	2.22	0.04	-2.10	-0.46	-1.60	-0.91	-42.99	-462.73	-51.23	-454.49	-58.24
173	24	223	2.33	0.03	-2.10	-0.47	-1.60	-0.91	10.43	-459.67	-0.80	-448.43	-71.80
		195	2.23	0.41	-1.43	-0.35	-0.67	-0.91	22.30	-438.62	2.72	-419.05	-92.95
		205	2.12	0.41	-1.43	-0.35	-0.67	-0.91	-31.69	-441.12	-47.71	-425.10	-79.39
		224	2.22	0.04	-2.10	-0.46	-1.60	-0.91	-42.99	-462.73	-51.23	-454.49	-58.24
174	5	195	3.04	0.94	-3.13	-1.18	-1.01	-2.03	-24.67	-619.53	-78.10	-566.09	-170.09
		196	2.96	1.46	-2.71	-1.08	-0.16	-2.03	-1.74	-593.73	-72.88	-522.59	-192.49
		206	2.81	1.26	-3.01	-1.53	-0.22	-2.03	-62.57	-592.73	-126.30	-529.00	-172.41

		205	2.90	0.71	-3.40	-1.63	-1.06	-2.03	-85.33	-618.69	-131.52	-572.50	-150.01
174	18	195	4.81	3.14	-7.25	1.88	-5.99	3.38	-18.36	-945.68	-25.69	-938.35	82.11
		196	4.89	2.86	-8.43	1.73	-7.30	3.38	-16.46	-954.17	-26.40	-944.24	96.00
		206	4.94	2.23	-8.57	1.03	-7.38	3.38	15.84	-949.36	6.74	-940.26	93.28
		205	4.86	2.52	-7.41	1.19	-6.08	3.38	14.09	-941.02	7.45	-934.37	79.39
174	21	195	2.28	0.70	-2.28	-0.85	-0.73	-1.49	-19.15	-465.20	-58.02	-426.34	-125.80
		196	2.22	1.07	-1.97	-0.78	-0.12	-1.49	-2.40	-445.93	-54.16	-394.17	-142.40
		206	2.11	0.92	-2.20	-1.12	-0.16	-1.49	-47.46	-445.21	-93.75	-398.92	-127.55
		205	2.18	0.52	-2.48	-1.19	-0.77	-1.49	-64.07	-464.63	-97.61	-431.09	-110.95
174	24	195	2.28	0.70	-2.28	-0.85	-0.73	-1.49	-19.15	-465.20	-58.02	-426.34	-125.80
		196	2.22	1.07	-1.97	-0.78	-0.12	-1.49	-2.40	-445.93	-54.16	-394.17	-142.40
		206	2.11	0.92	-2.20	-1.12	-0.16	-1.49	-47.46	-445.21	-93.75	-398.92	-127.55
		205	2.18	0.52	-2.48	-1.19	-0.77	-1.49	-64.07	-464.63	-97.61	-431.09	-110.95
175	5	196	3.00	1.70	-3.06	-1.19	-0.18	-2.33	-30.55	-614.52	-117.16	-527.91	-207.55
		197	3.03	1.63	-3.11	-1.20	-0.28	-2.33	-6.66	-605.58	-113.64	-498.61	-229.41
		207	2.92	0.97	-4.22	-2.78	-0.47	-2.33	-60.81	-609.81	-165.76	-504.86	-215.88
		206	2.91	1.05	-4.19	-2.77	-0.37	-2.33	-85.39	-618.05	-169.27	-534.16	-194.02
175	19	196	5.27	16.88	-3.80	-1.82	14.90	-6.08	719.33	-388.46	-112.72	443.59	-478.99
		197	5.87	15.80	-4.04	-1.96	13.72	-6.08	830.01	-417.01	-103.92	516.92	-540.74
		207	5.92	15.07	-7.40	-5.62	13.28	-6.08	754.69	-506.61	-251.17	499.25	-506.89
		206	5.34	16.17	-7.18	-5.48	14.46	-6.08	644.90	-478.95	-259.97	425.92	-445.14
175	21	196	2.25	1.25	-2.22	-0.84	-0.13	-1.70	-24.28	-461.19	-87.33	-398.15	-153.53
		197	2.26	1.20	-2.26	-0.85	-0.21	-1.70	-6.88	-454.42	-84.74	-376.56	-169.65
		207	2.19	0.71	-3.09	-2.03	-0.35	-1.70	-46.90	-457.46	-123.19	-381.18	-159.69
		206	2.18	0.77	-3.06	-2.02	-0.27	-1.70	-64.79	-463.74	-125.78	-402.76	-143.56
175	24	196	2.25	1.25	-2.22	-0.84	-0.13	-1.70	-24.28	-461.19	-87.33	-398.15	-153.53
		197	2.26	1.20	-2.26	-0.85	-0.21	-1.70	-6.88	-454.42	-84.74	-376.56	-169.65
		207	2.19	0.71	-3.09	-2.03	-0.35	-1.70	-46.90	-457.46	-123.19	-381.18	-159.69
		206	2.18	0.77	-3.06	-2.02	-0.27	-1.70	-64.79	-463.74	-125.78	-402.76	-143.56
176	6	197	3.29	10.96	-0.07	0.08	10.81	-1.29	318.87	-434.43	-90.18	-25.37	-375.25
		198	3.60	10.69	-0.11	0.05	10.54	-1.29	386.88	-435.28	-82.99	34.59	-406.86
		208	3.47	10.35	-2.69	-2.56	10.23	-1.29	323.77	-456.56	-158.34	25.55	-379.18
		207	3.16	10.62	-2.65	-2.53	10.50	-1.29	253.73	-453.68	-165.54	-34.42	-347.57
176	17	197	6.46	14.59	-6.52	-5.68	13.76	-4.12	815.58	-617.82	-123.74	321.50	-681.25
		198	7.13	14.25	-6.57	-5.73	13.40	-4.12	951.72	-628.90	-110.34	433.16	-742.12
		208	6.97	13.60	-10.74	-10.02	12.88	-4.12	847.93	-687.68	-255.49	415.74	-690.57
		207	6.31	13.95	-10.68	-9.98	13.24	-4.12	709.40	-674.21	-268.89	304.08	-629.70
176	22	197	2.29	6.63	-0.34	-0.14	6.44	-1.16	178.29	-342.57	-71.54	-92.73	-260.22
		198	2.47	6.47	-0.36	-0.16	6.27	-1.16	222.79	-341.67	-66.68	-52.19	-282.14
		208	2.37	6.20	-2.24	-2.08	6.04	-1.16	176.45	-353.86	-118.95	-58.47	-263.42
		207	2.18	6.37	-2.22	-2.06	6.21	-1.16	130.41	-353.23	-123.81	-99.00	-241.50
176	25	197	2.24	5.95	-0.52	-0.27	5.69	-1.26	154.37	-352.12	-73.43	-124.32	-251.97
		198	2.40	5.81	-0.55	-0.28	5.55	-1.26	196.16	-350.50	-68.78	-85.55	-273.20
		208	2.30	5.53	-2.39	-2.19	5.32	-1.26	150.16	-361.20	-119.41	-91.63	-255.30
		207	2.13	5.67	-2.37	-2.17	5.47	-1.26	106.86	-361.32	-124.07	-130.39	-234.07
177	6	198	3.84	10.67	-0.85	-0.63	10.46	-1.56	431.34	-447.08	-53.82	38.09	-436.80
		199	4.09	10.90	-0.81	-0.60	10.69	-1.56	501.27	-429.32	-44.43	116.38	-458.29
		209	3.86	10.54	-3.51	-3.33	10.36	-1.56	441.80	-427.25	-95.68	110.23	-422.15
		208	3.60	10.31	-3.54	-3.36	10.13	-1.56	369.91	-443.04	-105.07	31.94	-400.66
177	17	198	7.61	14.35	-10.12	-8.81	13.03	-5.52	1026.74	-648.65	-60.99	439.08	-799.50
		199	8.19	14.71	-10.06	-8.76	13.41	-5.52	1168.79	-626.10	-43.36	586.04	-840.46
		209	7.83	13.91	-14.90	-13.80	12.81	-5.52	1068.05	-634.73	-141.01	574.33	-772.62
		208	7.23	13.54	-14.96	-13.84	12.42	-5.52	922.51	-653.79	-158.65	427.36	-731.66
177	22	198	2.65	6.48	-0.99	-0.71	6.21	-1.41	254.28	-351.58	-47.42	-49.88	-302.93
		199	2.79	6.67	-0.96	-0.69	6.40	-1.41	299.84	-337.92	-41.08	2.99	-318.12
		209	2.62	6.37	-2.99	-2.78	6.15	-1.41	256.83	-335.48	-77.30	-1.36	-293.71
		208	2.47	6.18	-3.02	-2.80	5.96	-1.41	209.97	-347.84	-83.65	-54.23	-278.52
177	25	198	2.58	5.83	-1.22	-0.87	5.48	-1.53	226.85	-360.77	-50.56	-83.37	-293.35
		199	2.70	6.02	-1.19	-0.84	5.68	-1.53	269.60	-346.92	-44.49	-32.83	-308.20
		209	2.54	5.70	-3.22	-2.95	5.43	-1.53	227.18	-344.17	-79.91	-37.08	-284.87
		208	2.41	5.50	-3.25	-2.97	5.23	-1.53	183.22	-356.82	-85.98	-87.62	-270.02
178	6	199	4.22	10.76	-1.98	-1.77	10.55	-1.64	543.21	-416.51	4.46	122.24	-476.23
		200	4.39	11.42	-1.89	-1.69	11.22	-1.64	610.90	-373.87	16.28	220.75	-481.65
		210	4.05	11.09	-4.39	-4.22	10.91	-1.64	560.61	-338.05	3.36	219.20	-436.18
		209	3.86	10.43	-4.48	-4.30	10.25	-1.64	491.69	-379.46	-8.47	120.69	-430.76
178	17	199	8.46	14.67	-14.50	-12.76	12.93	-6.90	1238.51	-596.40	45.42	596.70	-875.07
		200	8.92	15.56	-14.34	-12.65	13.87	-6.90	1382.20	-525.51	68.41	788.28	-883.34
		210	8.33	14.63	-19.78	-18.34	13.19	-6.90	1293.51	-458.91	48.69	785.91	-794.90
		209	7.83	13.73	-19.93	-18.45	12.25	-6.90	1146.45	-526.42	25.70	594.33	-786.63
178	22	199	2.89	6.57	-1.92	-1.64	6.29	-1.52	330.53	-331.40	-7.85	6.98	-330.88
		200	2.98	7.10	-1.84	-1.57	6.84	-1.52	374.08	-300.65	0.11	73.31	-335.37
		210	2.73	6.82	-3.80	-3.58	6.60	-1.52	338.25	-276.83	-10.61	72.03	-304.75
		209	2.64	6.28	-3.87	-3.64	6.05	-1.52	294.06	-306.94	-18.57	5.69	-300.26
178	25	199	2.81	5.92	-2.19	-1.84	5.56	-1.67	300.01	-341.64	-12.63	-29.01	-320.72
		200	2.87	6.47	-2.11	-1.77	6.13	-1.67	340.66	-311.38	-5.03	34.31	-325.43
		210	2.63	6.16	-4.10	-3.83	5.89	-1.67	305.57	-288.87	-16.26	32.96	-296.20
		209	2.57	5.61	-4.19	-3.89	5.32	-1.67	264.40	-318.61	-23.86	-30.35	-291.49

179	6	200	4.34	11.13	-3.39	-3.28	11.03	-1.23	642.17	-329.03	84.24	228.91	-480.18
		201	4.41	12.20	-3.25	-3.16	12.10	-1.23	698.98	-262.16	97.49	339.34	-465.11
		211	4.01	11.97	-5.09	-5.00	11.88	-1.23	665.80	-188.71	133.44	343.65	-414.13
		210	3.92	10.90	-5.23	-5.13	10.80	-1.23	609.61	-256.21	120.19	233.22	-429.20
179	17	200	8.84	15.19	-19.25	-17.36	13.30	-7.84	1433.66	-422.34	206.47	804.85	-878.44
		201	9.14	16.79	-18.97	-17.16	14.98	-7.84	1563.26	-299.30	233.54	1030.42	-841.74
		211	8.38	15.81	-24.90	-23.33	14.24	-7.84	1501.73	-139.75	321.06	1040.92	-737.61
		210	8.04	14.19	-25.16	-23.54	12.56	-7.84	1371.69	-262.34	293.99	815.35	-774.31
179	22	200	2.95	6.83	-3.08	-2.93	6.67	-1.24	398.59	-272.74	46.91	78.93	-335.28
		201	2.97	7.73	-2.96	-2.82	7.59	-1.24	434.45	-225.72	55.80	152.94	-326.49
		211	2.69	7.54	-4.47	-4.34	7.41	-1.24	411.07	-178.85	76.77	155.46	-292.32
		210	2.67	6.63	-4.59	-4.45	6.49	-1.24	375.86	-226.53	67.88	81.45	-301.12
179	25	200	2.85	6.17	-3.41	-3.20	5.96	-1.40	365.70	-285.87	40.10	39.73	-325.79
		201	2.85	7.11	-3.28	-3.09	6.92	-1.40	398.94	-240.14	48.56	110.23	-318.05
		211	2.58	6.90	-4.85	-4.68	6.73	-1.40	376.14	-196.67	67.01	112.45	-285.50
		210	2.58	5.95	-4.98	-4.80	5.77	-1.40	343.60	-243.11	58.55	41.94	-293.24
180	6	201	4.13	11.84	-5.33	-5.33	11.84	-0.02	716.88	-174.97	191.32	350.60	-438.75
		202	4.12	13.29	-5.16	-5.16	13.29	-0.02	747.84	-99.36	202.73	445.75	-405.80
		212	3.81	13.25	-5.46	-5.46	13.25	-0.02	740.42	-3.92	281.32	455.18	-361.87
		211	3.81	11.81	-5.63	-5.63	11.81	-0.02	712.35	-82.43	269.90	360.03	-394.83
180	17	201	8.60	15.88	-24.34	-22.76	14.31	-7.80	1594.27	-77.08	459.64	1057.55	-780.37
		202	8.72	19.48	-23.77	-22.32	18.02	-7.80	1669.35	67.36	483.16	1253.55	-702.30
		212	8.13	18.58	-29.73	-28.43	17.29	-7.80	1655.47	289.75	669.33	1275.89	-611.82
		211	7.96	14.96	-30.27	-28.88	13.57	-7.80	1586.08	139.62	645.81	1079.89	-689.90
180	22	201	2.79	7.37	-4.72	-4.71	7.36	-0.28	450.96	-171.43	119.00	160.52	-310.50
		202	2.74	8.49	-4.58	-4.58	8.49	-0.28	470.58	-118.87	126.74	224.97	-290.60
		212	2.52	8.46	-4.88	-4.87	8.45	-0.28	464.81	-59.94	174.19	230.67	-260.85
		211	2.56	7.33	-5.02	-5.01	7.33	-0.28	447.09	-114.41	166.46	166.22	-280.75
180	25	201	2.68	6.69	-5.11	-5.10	6.68	-0.43	416.82	-190.52	108.84	117.47	-303.64
		202	2.63	7.83	-4.97	-4.96	7.82	-0.43	435.20	-139.69	116.25	179.26	-285.71
		212	2.41	7.79	-5.33	-5.31	7.78	-0.43	429.20	-85.80	159.00	184.39	-257.19
		211	2.46	6.65	-5.46	-5.45	6.64	-0.43	412.59	-138.40	151.59	122.60	-275.11
181	6	202	3.71	13.23	-8.22	-7.94	12.95	2.44	763.51	35.37	337.01	461.86	-358.68
		203	3.63	13.42	-8.19	-7.92	13.14	2.44	758.54	72.29	340.44	490.39	-334.83
		213	3.59	13.79	-5.40	-5.09	13.48	2.44	772.77	121.72	397.28	497.21	-321.67
		212	3.67	13.61	-5.43	-5.11	13.29	2.44	778.80	83.75	393.86	468.68	-345.51
181	19	202	7.96	19.30	-31.42	-29.81	17.68	-8.90	1638.91	375.76	691.06	1323.62	-546.67
		203	7.98	24.41	-30.66	-29.18	22.93	-8.90	1627.55	401.46	692.59	1336.41	-521.72
		213	7.94	23.76	-35.13	-33.76	22.39	-8.90	1642.40	453.24	752.09	1343.55	-515.82
		212	7.92	18.63	-35.88	-34.39	17.13	-8.90	1654.32	426.98	750.55	1330.76	-540.77
181	22	202	2.56	8.39	-7.03	-6.86	8.21	1.64	484.36	-41.92	207.74	234.69	-262.79
		203	2.46	8.27	-7.05	-6.87	8.09	1.64	485.12	-10.96	211.14	263.02	-246.68
		213	2.41	8.54	-4.99	-4.79	8.34	1.64	492.37	24.82	249.56	267.63	-233.60
		212	2.50	8.66	-4.97	-4.77	8.46	1.64	492.47	-7.01	246.16	239.30	-249.72
181	25	202	2.49	7.69	-7.47	-7.32	7.54	1.51	449.51	-72.43	189.08	188.00	-260.97
		203	2.40	7.47	-7.50	-7.34	7.31	1.51	452.00	-39.70	192.86	219.44	-245.49
		213	2.33	7.73	-5.50	-5.32	7.56	1.51	457.81	-4.18	229.76	223.87	-230.98
		212	2.43	7.95	-5.47	-5.30	7.78	1.51	456.24	-37.81	225.99	192.43	-246.46
182	6	203	3.62	14.29	-9.23	-8.07	13.12	5.10	767.88	127.52	398.10	497.31	-316.32
		32	3.63	11.75	-9.68	-8.39	10.46	5.10	764.15	128.82	397.83	495.13	-313.92
		37	3.60	12.59	-5.40	-3.82	11.01	5.10	767.97	131.40	403.55	495.82	-314.92
		213	3.60	15.07	-4.90	-3.50	13.67	5.10	771.70	130.11	403.81	497.99	-317.32
182	17	203	7.86	21.10	-34.12	-34.07	21.06	1.58	1794.05	707.15	1166.45	1334.75	-536.89
		32	8.05	19.76	-34.28	-34.24	19.71	1.58	1795.10	574.13	1152.31	1216.92	-609.63
		37	7.98	19.62	-35.42	-35.37	19.57	1.58	1760.34	414.63	978.86	1196.11	-664.03
		213	7.85	20.97	-35.26	-35.21	20.92	1.58	1766.14	540.80	993.00	1313.94	-591.29
182	22	203	2.48	8.82	-7.83	-7.08	8.07	3.47	484.99	16.78	235.79	265.98	-233.62
		32	2.45	6.80	-8.18	-7.33	5.95	3.47	485.62	34.07	237.71	281.98	-224.69
		37	2.40	7.40	-5.07	-4.02	6.35	3.47	489.44	54.08	258.99	284.53	-217.31
		213	2.43	9.38	-4.68	-3.76	8.46	3.47	489.11	36.50	257.07	268.54	-226.23
182	25	203	2.41	7.97	-8.28	-7.60	7.28	3.27	448.42	-16.95	209.97	221.50	-232.61
		32	2.35	5.91	-8.63	-7.85	5.14	3.27	450.03	7.69	212.78	244.94	-220.58
		37	2.29	6.48	-5.61	-4.65	5.52	3.27	454.72	35.14	241.48	248.38	-209.76
		213	2.34	8.50	-5.22	-4.39	7.67	3.27	453.70	9.90	238.66	224.94	-221.79
183	6	224	0.79	2.91	-1.04	-0.96	2.84	-0.53	33.32	-138.45	-45.65	-59.48	-85.60
		205	0.90	3.29	-0.98	-0.92	3.23	-0.53	58.79	-141.89	-43.29	-39.81	-100.33
		215	0.87	3.38	-0.39	-0.31	3.30	-0.53	31.64	-154.07	-78.40	-44.02	-91.25
		225	0.76	2.99	-0.44	-0.36	2.91	-0.53	4.77	-149.23	-80.76	-63.69	-76.53
183	17	224	1.49	3.81	-2.16	-2.05	3.71	-0.78	96.63	-230.78	-100.41	-33.74	-160.27
		205	1.69	4.27	-2.09	-2.00	4.17	-0.78	141.53	-233.63	-95.90	3.80	-180.83
		215	1.63	4.42	-0.99	-0.88	4.30	-0.78	104.92	-251.93	-144.93	-2.08	-163.50
		225	1.44	3.97	-1.06	-0.93	3.84	-0.78	58.59	-247.65	-149.43	-39.63	-142.94
183	21	224	0.61	-0.05	-0.46	-0.29	-0.22	-0.20	3.37	-121.79	-9.74	-108.69	-38.32
		205	0.63	-0.06	-0.47	-0.29	-0.23	-0.20	13.95	-119.98	-8.41	-97.61	-49.95
		215	0.59	0.02	-0.38	-0.15	-0.21	-0.20	-13.22	-123.86	-36.14	-100.94	-44.84
		225	0.57	0.03	-0.37	-0.15	-0.20	-0.20	-24.82	-124.66	-37.47	-112.01	-33.21
183	24	224	0.61	-0.05	-0.46	-0.29	-0.22	-0.20	3.37	-121.79	-9.74	-108.69	-38.32

		205	0.63	-0.06	-0.47	-0.29	-0.23	-0.20	13.95	-119.98	-8.41	-97.61	-49.95
		215	0.59	0.02	-0.38	-0.15	-0.21	-0.20	-13.22	-123.86	-36.14	-100.94	-44.84
		225	0.57	0.03	-0.37	-0.15	-0.20	-0.20	-24.82	-124.66	-37.47	-112.01	-33.21
184	6	205	1.58	3.27	-2.58	-2.36	3.06	-1.10	72.12	-262.23	-138.83	-51.28	-161.34
		206	1.78	4.06	-2.46	-2.27	3.87	-1.10	116.19	-270.59	-135.01	-19.39	-184.54
		216	1.79	4.11	-2.10	-1.90	3.91	-1.10	80.47	-296.84	-190.34	-26.03	-169.82
		215	1.59	3.33	-2.22	-1.99	3.10	-1.10	35.63	-287.71	-194.17	-57.92	-146.62
184	17	205	2.93	4.09	-6.03	-5.66	3.73	-1.89	171.38	-455.36	-267.22	-16.76	-287.26
		206	3.30	5.49	-5.82	-5.49	5.17	-1.89	248.33	-472.18	-260.78	36.93	-328.06
		216	3.35	5.68	-4.60	-4.24	5.32	-1.89	192.36	-525.17	-358.06	25.26	-303.28
		215	3.00	4.29	-4.82	-4.41	3.88	-1.89	115.19	-508.13	-364.50	-28.43	-262.48
184	22	205	1.08	1.94	-1.79	-1.62	1.77	-0.78	41.35	-186.97	-93.99	-51.62	-112.18
		206	1.22	2.47	-1.71	-1.56	2.32	-0.78	71.92	-192.54	-91.31	-29.31	-128.54
		216	1.22	2.51	-1.46	-1.31	2.35	-0.78	45.51	-209.84	-130.33	-33.99	-118.24
		215	1.09	1.98	-1.55	-1.37	1.80	-0.78	14.20	-203.52	-133.01	-56.31	-101.88
184	25	205	1.05	1.72	-1.74	-1.57	1.54	-0.76	36.27	-183.70	-90.03	-57.40	-108.77
		206	1.18	2.22	-1.66	-1.51	2.07	-0.76	65.83	-188.95	-87.42	-35.70	-124.74
		216	1.17	2.26	-1.42	-1.26	2.10	-0.76	39.50	-205.26	-125.49	-40.27	-114.72
		215	1.05	1.76	-1.51	-1.32	1.57	-0.76	9.11	-199.18	-128.10	-61.97	-98.75
185	6	206	2.09	3.87	-3.01	-2.93	3.79	-0.77	127.96	-328.83	-176.49	-24.37	-215.36
		207	2.27	3.87	-3.01	-2.93	3.79	-0.77	159.77	-343.14	-174.62	-8.75	-237.38
		154	2.35	3.72	-4.22	-4.14	3.64	-0.77	132.33	-374.52	-227.14	-15.05	-230.17
		216	2.18	3.72	-4.22	-4.14	3.64	-0.77	100.72	-360.41	-229.02	-30.67	-208.14
185	17	206	3.89	5.03	-8.52	-8.32	4.83	-1.64	274.38	-573.21	-327.73	28.90	-384.46
		207	4.24	5.25	-8.49	-8.29	5.05	-1.64	332.33	-600.95	-324.49	55.87	-426.13
		154	4.40	5.14	-9.34	-9.15	4.95	-1.64	285.27	-665.17	-423.85	43.95	-413.68
		216	4.07	4.92	-9.37	-9.18	4.73	-1.64	228.17	-638.29	-427.09	16.97	-372.01
185	22	206	1.44	2.34	-2.19	-2.11	2.26	-0.60	78.84	-234.34	-122.45	-33.05	-150.07
		207	1.57	2.36	-2.19	-2.11	2.28	-0.60	100.88	-244.10	-121.13	-22.08	-165.23
		154	1.61	2.26	-3.00	-2.93	2.19	-0.60	81.17	-264.86	-157.27	-26.42	-160.17
		216	1.50	2.23	-3.00	-2.93	2.16	-0.60	59.18	-255.15	-158.58	-37.38	-145.01
185	25	206	1.39	2.09	-2.19	-2.10	1.99	-0.62	71.89	-230.00	-118.66	-39.45	-145.65
		207	1.51	2.13	-2.19	-2.09	2.04	-0.62	93.20	-239.36	-117.38	-28.78	-160.27
		154	1.56	2.02	-2.95	-2.87	1.94	-0.62	73.80	-259.00	-152.23	-32.96	-155.35
		216	1.44	1.98	-2.95	-2.87	1.90	-0.62	52.50	-249.65	-153.51	-43.63	-140.73
186	6	207	2.48	3.78	-3.38	-3.34	3.74	-0.53	194.70	-364.25	-162.28	-7.27	-268.51
		208	2.63	3.72	-3.38	-3.34	3.68	-0.53	220.59	-373.81	-160.53	7.31	-285.11
		164	2.67	3.43	-5.71	-5.68	3.40	-0.53	197.47	-395.02	-200.11	2.56	-278.38
		154	2.53	3.49	-5.70	-5.67	3.46	-0.53	171.52	-385.39	-201.86	-12.02	-261.78
186	17	207	4.66	4.89	-11.15	-11.00	4.73	-1.57	398.26	-637.53	-298.29	59.02	-486.10
		208	4.94	5.03	-11.14	-10.98	4.87	-1.57	448.16	-656.27	-294.96	86.85	-518.17
		164	5.03	4.69	-13.75	-13.61	4.56	-1.57	406.09	-699.83	-371.41	77.67	-505.32
		154	4.76	4.55	-13.77	-13.63	4.41	-1.57	356.24	-681.15	-374.75	49.84	-473.26
186	22	207	1.72	2.28	-2.58	-2.54	2.23	-0.48	124.54	-260.32	-114.49	-21.29	-186.70
		208	1.82	2.27	-2.58	-2.54	2.22	-0.48	142.36	-267.02	-113.29	-11.36	-198.24
		164	1.85	2.06	-4.21	-4.17	2.03	-0.48	125.94	-281.41	-140.81	-14.66	-193.66
		154	1.75	2.07	-4.21	-4.17	2.04	-0.48	108.05	-274.64	-142.00	-24.59	-182.12
186	25	207	1.67	2.04	-2.64	-2.59	1.98	-0.52	115.84	-255.74	-111.79	-28.11	-181.02
		208	1.76	2.04	-2.64	-2.59	1.98	-0.52	133.03	-262.26	-110.65	-18.59	-192.21
		164	1.79	1.84	-4.21	-4.17	1.79	-0.52	116.94	-276.06	-137.34	-21.79	-187.81
		154	1.70	1.83	-4.21	-4.17	1.79	-0.52	99.67	-269.47	-138.48	-31.31	-176.62
187	6	208	2.73	3.62	-4.19	-4.15	3.58	-0.56	265.72	-359.28	-107.26	13.70	-306.59
		209	2.82	3.77	-4.17	-4.13	3.73	-0.56	285.45	-361.60	-105.40	29.25	-316.44
		174	2.82	3.44	-6.82	-6.79	3.41	-0.56	267.64	-370.09	-128.89	26.43	-309.26
		164	2.73	3.30	-6.84	-6.81	3.26	-0.56	247.74	-367.61	-130.76	10.88	-299.41
187	17	208	5.16	4.62	-15.02	-14.81	4.41	-2.03	528.76	-628.41	-198.11	98.47	-559.26
		209	5.34	5.14	-14.95	-14.74	4.93	-2.03	567.39	-632.16	-194.38	129.61	-577.49
		174	5.33	4.70	-18.34	-18.15	4.52	-2.03	534.80	-648.25	-237.84	124.39	-563.11
		164	5.15	4.19	-18.40	-18.22	4.00	-2.03	495.86	-644.19	-241.58	93.25	-544.88
187	22	208	1.90	2.19	-3.31	-3.26	2.14	-0.53	173.70	-258.82	-77.99	-7.12	-213.34
		209	1.96	2.32	-3.29	-3.24	2.27	-0.53	187.32	-260.69	-76.74	3.36	-220.40
		174	1.96	2.07	-5.24	-5.20	2.03	-0.53	174.61	-266.83	-93.56	1.34	-215.55
		164	1.90	1.94	-5.26	-5.22	1.90	-0.53	160.87	-264.84	-94.82	-9.14	-208.50
187	25	208	1.84	1.95	-3.44	-3.37	1.89	-0.58	163.39	-255.18	-77.21	-14.57	-206.93
		209	1.91	2.10	-3.42	-3.35	2.04	-0.58	176.55	-257.12	-76.01	-4.56	-213.87
		174	1.91	1.85	-5.35	-5.30	1.80	-0.58	164.07	-263.18	-92.57	-6.54	-209.25
		164	1.84	1.70	-5.37	-5.32	1.66	-0.58	150.79	-261.12	-93.77	-16.56	-202.30
188	6	209	2.82	3.65	-5.13	-5.09	3.61	-0.57	337.10	-315.57	-18.18	39.72	-325.05
		210	2.84	3.90	-5.10	-5.06	3.87	-0.57	347.88	-307.72	-16.19	56.35	-325.79
		184	2.79	3.55	-7.95	-7.92	3.52	-0.57	339.35	-301.17	-17.95	56.14	-318.11
		174	2.77	3.30	-7.98	-7.95	3.27	-0.57	328.54	-308.98	-19.95	39.51	-317.37
188	17	209	5.32	4.66	-19.68	-19.40	4.37	-2.63	659.07	-537.13	-27.67	149.61	-591.50
		210	5.35	5.40	-19.59	-19.31	5.12	-2.63	679.33	-519.03	-23.56	183.86	-590.14
		184	5.24	4.82	-24.04	-23.80	4.58	-2.63	665.33	-501.39	-20.31	184.25	-574.33
		174	5.21	4.08	-24.14	-23.89	3.83	-2.63	645.05	-519.47	-24.42	150.00	-575.69
188	22	209	1.97	2.21	-4.16	-4.11	2.16	-0.55	223.59	-231.18	-18.00	10.41	-226.94
		210	1.99	2.44	-4.13	-4.08	2.39	-0.55	231.18	-226.36	-16.67	21.49	-227.97

		184	1.96	2.16	-6.31	-6.28	2.13	-0.55	224.80	-222.73	-19.12	21.20	-222.86
		174	1.94	1.94	-6.34	-6.31	1.90	-0.55	217.19	-227.52	-20.45	10.12	-221.83
188	25	209	1.92	1.98	-4.36	-4.30	1.92	-0.61	211.87	-229.66	-19.95	2.17	-220.49
		210	1.93	2.22	-4.33	-4.27	2.17	-0.61	219.28	-225.28	-18.69	12.69	-221.73
		184	1.90	1.94	-6.54	-6.49	1.90	-0.61	212.88	-222.19	-21.65	12.34	-216.87
		174	1.89	1.70	-6.57	-6.52	1.66	-0.61	205.44	-226.53	-22.91	1.81	-215.63
189	6	210	2.75	3.77	-5.99	-5.98	3.76	-0.33	404.68	-233.67	100.64	70.37	-318.82
		211	2.69	4.11	-5.95	-5.94	4.10	-0.33	403.26	-217.13	102.26	83.87	-310.06
		194	2.67	3.77	-8.77	-8.76	3.76	-0.33	409.14	-199.63	123.14	86.37	-303.83
		184	2.74	3.43	-8.81	-8.80	3.42	-0.33	410.73	-216.33	121.52	72.87	-312.59
189	17	210	5.09	4.82	-24.83	-24.50	4.49	-3.09	787.09	-352.05	221.75	213.29	-569.55
		211	4.93	5.90	-24.69	-24.37	5.58	-3.09	778.75	-314.60	224.87	239.29	-546.63
		194	4.83	5.10	-30.89	-30.63	4.83	-3.09	797.58	-272.21	279.52	245.84	-534.63
		184	4.99	4.02	-31.03	-30.76	3.74	-3.09	806.40	-310.14	276.40	219.85	-557.55
189	22	210	1.93	2.30	-4.97	-4.96	2.29	-0.35	271.24	-178.51	61.82	30.91	-224.34
		211	1.89	2.60	-4.94	-4.92	2.59	-0.35	270.96	-168.12	62.90	39.94	-219.24
		194	1.88	2.33	-7.14	-7.13	2.32	-0.35	273.96	-157.51	75.06	41.40	-215.07
		184	1.92	2.04	-7.18	-7.16	2.02	-0.35	274.32	-167.98	73.97	32.37	-220.17
189	25	210	1.88	2.07	-5.26	-5.24	2.05	-0.41	258.34	-180.55	56.12	21.67	-218.77
		211	1.85	2.39	-5.23	-5.20	2.37	-0.41	258.42	-170.98	57.15	30.28	-214.28
		194	1.83	2.11	-7.48	-7.46	2.10	-0.41	260.80	-161.38	67.86	31.57	-210.30
		184	1.87	1.80	-7.51	-7.50	1.78	-0.41	260.80	-171.02	66.82	22.96	-214.79
190	6	211	2.77	4.04	-6.58	-6.57	4.02	0.39	468.37	-129.41	238.72	100.24	-290.76
		212	2.67	4.23	-6.56	-6.54	4.21	0.39	456.96	-116.64	238.87	101.44	-278.45
		204	2.76	3.99	-8.48	-8.47	3.98	0.39	476.23	-103.04	268.23	104.97	-277.89
		194	2.85	3.80	-8.51	-8.50	3.79	0.39	487.54	-115.69	268.08	103.76	-290.21
190	17	211	5.14	5.16	-30.16	-29.92	4.92	-2.90	930.97	-103.10	549.62	278.26	-498.92
		212	4.97	6.61	-29.97	-29.74	6.38	-2.90	898.44	-86.91	547.87	263.67	-471.74
		204	5.34	5.62	-37.90	-37.70	5.42	-2.90	950.04	-65.92	612.67	271.45	-478.47
		194	5.51	4.16	-38.08	-37.88	3.96	-2.90	981.87	-81.41	614.42	286.03	-505.65
190	22	211	1.96	2.51	-5.59	-5.59	2.51	0.23	315.48	-112.18	152.60	50.70	-207.67
		212	1.90	2.66	-5.58	-5.57	2.65	0.23	309.10	-103.12	152.89	53.10	-199.98
		204	1.95	2.48	-7.07	-7.06	2.48	0.23	320.41	-93.88	171.22	55.30	-198.87
		194	2.01	2.33	-7.08	-7.08	2.33	0.23	326.75	-102.91	170.94	52.90	-206.56
190	25	211	1.92	2.28	-5.98	-5.97	2.28	0.18	301.17	-119.01	141.73	40.43	-203.89
		212	1.86	2.43	-5.96	-5.95	2.43	0.18	295.69	-110.10	142.10	43.50	-196.81
		204	1.91	2.25	-7.49	-7.49	2.25	0.18	305.71	-101.22	158.97	45.52	-195.40
		194	1.96	2.10	-7.51	-7.50	2.09	0.18	311.17	-110.11	158.60	42.45	-202.48
191	6	212	2.87	4.47	-6.41	-6.20	4.25	1.52	520.70	-54.34	351.41	114.95	-262.08
		213	2.83	4.16	-6.46	-6.24	3.93	1.52	512.44	-52.65	350.71	109.08	-255.41
		214	2.89	4.17	-6.37	-6.14	3.95	1.52	526.83	-49.24	366.61	110.99	-258.12
		204	2.93	4.48	-6.32	-6.10	4.27	1.52	535.00	-50.83	367.32	116.86	-264.79
191	17	212	5.95	5.85	-34.65	-34.60	5.80	-1.42	1100.57	51.18	851.63	300.12	-446.39
		213	6.00	6.99	-34.51	-34.46	6.94	-1.42	1086.78	9.97	845.74	251.00	-448.83
		214	6.28	5.97	-42.95	-42.91	5.93	-1.42	1101.19	-10.98	839.91	250.30	-471.51
		204	6.23	4.83	-43.09	-43.05	4.78	-1.42	1115.43	29.79	845.80	299.42	-469.06
191	22	212	2.02	2.81	-5.61	-5.47	2.67	1.09	349.00	-62.41	224.85	61.74	-188.85
		213	1.98	2.53	-5.65	-5.50	2.38	1.09	343.82	-57.01	224.87	61.93	-183.11
		214	2.02	2.54	-5.56	-5.41	2.39	1.09	353.91	-51.79	238.54	63.58	-183.02
		204	2.06	2.82	-5.52	-5.37	2.68	1.09	359.03	-57.13	238.52	63.38	-188.75
191	25	212	1.97	2.56	-6.07	-5.94	2.43	1.05	332.38	-71.76	209.08	51.54	-186.08
		213	1.93	2.27	-6.11	-5.97	2.13	1.05	327.61	-64.59	209.34	53.67	-179.99
		214	1.96	2.27	-6.05	-5.92	2.14	1.05	337.47	-58.19	223.87	55.42	-179.01
		204	2.01	2.57	-6.01	-5.88	2.44	1.05	342.20	-65.31	223.61	53.28	-185.10
192	6	213	2.83	4.80	-5.31	-4.64	4.13	2.51	513.43	-46.33	357.24	109.86	-251.07
		37	2.75	3.81	-5.51	-4.77	3.07	2.51	518.09	-10.84	361.54	145.71	-241.45
		42	2.65	4.52	-2.54	-1.49	3.47	2.51	520.44	12.49	384.47	148.46	-224.90
		214	2.73	5.45	-2.29	-1.37	4.52	2.51	516.38	-23.60	380.17	112.61	-234.52
192	17	213	6.42	6.67	-36.95	-36.92	6.65	1.12	1136.16	-17.02	865.74	253.40	-488.58
		37	6.43	6.10	-37.02	-36.99	6.07	1.12	1172.78	34.02	875.13	331.66	-500.35
		42	6.27	5.28	-43.84	-43.81	5.25	1.12	1119.46	55.90	847.06	328.29	-464.23
		214	6.27	5.85	-43.77	-43.74	5.83	1.12	1083.34	4.37	837.67	250.04	-452.46
192	22	213	1.96	2.92	-4.89	-4.48	2.50	1.75	342.73	-47.51	232.39	62.84	-175.74
		37	1.89	2.20	-5.02	-4.57	1.74	1.75	343.23	-21.67	235.21	86.35	-166.58
		42	1.83	2.68	-2.73	-2.09	2.04	1.75	349.97	-3.93	257.06	88.98	-155.72
		214	1.91	3.37	-2.57	-2.00	2.80	1.75	349.84	-30.14	254.24	65.46	-164.88
192	25	213	1.90	2.61	-5.41	-5.04	2.24	1.68	325.85	-52.87	218.24	54.74	-170.81
		37	1.82	1.90	-5.53	-5.13	1.50	1.68	325.03	-27.32	220.89	76.83	-160.78
		42	1.78	2.35	-3.28	-2.72	1.79	1.68	333.98	-9.47	244.81	79.70	-150.58
		214	1.86	3.03	-3.13	-2.63	2.53	1.68	335.12	-35.35	242.16	57.61	-160.61
193	6	10	21.94	-31.43	-474.87	-45.43	-460.88	-77.53	157.12	-1000.95	-63.93	-779.90	-455.11
		15	11.31	41.42	-140.81	-1.83	-97.56	-77.53	284.17	-697.06	-17.76	-395.13	-452.88
		227	9.46	41.05	-140.96	-2.30	-97.61	-77.53	119.06	-525.48	-11.98	-394.44	-259.40
		226	21.05	-31.88	-474.94	-45.89	-460.93	-77.53	26.78	-864.13	-58.15	-779.21	-261.63
193	19	10	39.56	-52.47	-736.44	-71.42	-717.49	-112.27	102.74	-2382.05	-150.17	-2129.14	-751.30
		15	20.57	55.20	-216.44	-4.17	-157.06	-112.27	298.26	-1678.49	-53.84	-1326.40	-756.33
		227	17.42	58.74	-215.09	0.20	-156.54	-112.27	25.03	-1419.89	-66.89	-1327.96	-352.66

		226	38.03	-48.21	-735.81	-67.06	-716.97	-112.27	-103.61	-2190.33	-163.22	-2130.71	-347.64
193	22	10	13.60	-20.16	-314.70	-29.02	-305.85	-50.30	165.25	-542.84	-38.69	-338.91	-320.65
		15	7.21	27.37	-92.23	-0.09	-64.77	-50.30	244.80	-397.01	-14.54	-137.67	-314.94
		227	6.18	26.27	-92.68	-1.47	-64.94	-50.30	156.52	-292.14	0.27	-135.89	-213.75
		226	13.09	-21.51	-314.91	-30.40	-306.01	-50.30	89.11	-450.12	-23.88	-337.13	-219.45
193	25	10	12.44	-18.73	-297.02	-26.87	-288.88	-46.89	190.05	-466.30	-34.89	-241.35	-311.51
		15	6.71	25.71	-86.56	0.44	-61.30	-46.89	260.52	-350.98	-14.99	-75.47	-304.25
		227	5.83	24.27	-87.14	-1.35	-61.51	-46.89	189.51	-258.84	3.88	-73.21	-220.84
		226	11.99	-20.48	-297.28	-28.66	-289.10	-46.89	126.34	-381.47	-16.03	-239.09	-228.10
194	6	226	14.35	-18.43	-276.04	-23.14	-271.33	-34.51	11.69	-828.37	-55.93	-760.75	-228.55
		227	10.33	-0.34	-156.43	-8.39	-148.39	-34.51	34.00	-756.39	-45.83	-676.56	-238.17
		229	10.14	6.88	-155.20	-0.84	-147.48	-34.51	-13.26	-737.11	-70.81	-679.56	-195.83
		228	14.22	-11.00	-275.02	-15.59	-270.43	-34.51	-33.44	-811.23	-80.92	-763.75	-186.21
194	19	226	23.91	-27.77	-448.85	-34.12	-442.50	-51.30	-24.70	-1426.07	-72.88	-1377.88	-255.35
		227	17.06	1.22	-250.17	-9.73	-239.23	-51.30	8.82	-1301.38	-55.93	-1236.62	-283.99
		229	16.76	14.06	-248.08	3.60	-237.63	-51.30	-91.03	-1284.83	-130.31	-1245.55	-212.96
		228	23.70	-14.62	-447.08	-20.79	-440.90	-51.30	-120.44	-1413.64	-147.26	-1386.81	-184.32
194	22	226	10.46	-12.67	-185.11	-15.55	-182.23	-22.10	6.61	-689.20	-58.33	-624.27	-202.40
		227	7.64	-0.61	-104.06	-5.57	-99.11	-22.10	24.88	-621.00	-49.07	-547.05	-205.65
		229	7.47	4.34	-103.23	-0.40	-98.49	-22.10	-6.14	-599.42	-57.49	-548.06	-166.82
		228	10.35	-7.57	-184.41	-10.38	-181.61	-22.10	-22.37	-669.66	-66.75	-625.28	-163.58
194	25	226	10.30	-12.19	-175.97	-14.78	-173.38	-20.43	6.50	-712.45	-64.33	-641.62	-214.26
		227	7.56	-0.79	-98.56	-5.26	-94.08	-20.43	25.34	-639.00	-54.45	-559.22	-215.96
		229	7.38	3.99	-97.77	-0.29	-93.49	-20.43	-4.05	-614.55	-58.85	-559.74	-174.52
		228	10.18	-7.28	-175.30	-9.80	-172.78	-20.43	-20.68	-690.21	-68.74	-642.15	-172.82
195	5	228	12.95	-3.91	-113.49	-4.01	-113.39	-3.23	-136.88	-1455.14	-160.47	-1431.56	-174.75
		229	10.36	1.18	-71.53	1.03	-71.38	-3.23	-106.98	-1249.08	-135.19	-1220.87	-177.27
		231	10.16	2.33	-71.39	2.18	-71.24	-3.23	-137.04	-1226.34	-141.73	-1221.65	-71.32
		230	12.80	-2.76	-113.35	-2.86	-113.25	-3.23	-163.28	-1436.07	-167.01	-1432.34	-68.80
195	17	228	17.47	-1.91	-322.19	-6.04	-318.05	-36.16	-65.70	-1056.65	-112.39	-1009.96	-209.97
		229	13.10	13.51	-210.98	7.52	-205.00	-36.16	-34.33	-899.70	-92.21	-841.82	-216.19
		231	12.69	8.01	-211.79	1.89	-205.67	-36.16	-85.51	-866.61	-108.37	-843.76	-131.64
		230	17.15	-7.48	-322.93	-11.68	-318.73	-36.16	-111.08	-1029.36	-128.54	-1011.90	-125.42
195	21	228	9.83	-2.91	-83.74	-2.98	-83.67	-2.39	-105.56	-1115.81	-123.16	-1098.21	-132.18
		229	7.87	0.85	-52.71	0.75	-52.60	-2.39	-82.81	-958.26	-103.84	-937.23	-134.05
		231	7.73	1.71	-52.60	1.61	-52.50	-2.39	-105.30	-941.20	-108.69	-937.81	-53.10
		230	9.71	-2.05	-83.64	-2.12	-83.57	-2.39	-125.31	-1101.49	-128.01	-1098.79	-51.23
195	24	228	9.83	-2.91	-83.74	-2.98	-83.67	-2.39	-105.56	-1115.81	-123.16	-1098.21	-132.18
		229	7.87	0.85	-52.71	0.75	-52.60	-2.39	-82.81	-958.26	-103.84	-937.23	-134.05
		231	7.73	1.71	-52.60	1.61	-52.50	-2.39	-105.30	-941.20	-108.69	-937.81	-53.10
		230	9.71	-2.05	-83.64	-2.12	-83.57	-2.39	-125.31	-1101.49	-128.01	-1098.79	-51.23
196	5	230	11.01	-1.10	-99.62	-1.21	-99.51	-3.29	-135.50	-1225.10	-141.43	-1219.17	80.14
		231	8.65	3.27	-63.69	3.11	-63.53	-3.29	-111.33	-1030.31	-117.97	-1023.68	77.81
		233	8.79	2.41	-63.79	2.25	-63.63	-3.29	-90.78	-1057.63	-124.01	-1024.40	176.12
		232	11.12	-1.96	-99.72	-2.07	-99.61	-3.29	-118.55	-1248.81	-147.47	-1219.90	178.44
196	17	230	13.36	3.81	-232.24	-0.75	-227.67	-32.51	-114.73	-899.11	-114.98	-898.86	-14.02
		231	9.88	15.27	-154.56	8.80	-148.09	-32.51	-94.99	-734.91	-95.27	-734.63	-13.40
		233	9.63	6.67	-155.94	-0.11	-149.16	-32.51	-86.29	-741.82	-93.67	-734.44	69.18
		232	13.15	-4.94	-233.46	-9.66	-228.74	-32.51	-107.44	-904.61	-113.38	-898.67	68.57
196	21	230	8.33	-0.80	-73.32	-0.88	-73.24	-2.43	-103.29	-936.88	-108.01	-932.16	62.55
		231	6.56	2.42	-46.82	2.30	-46.70	-2.43	-84.87	-788.59	-90.15	-783.31	60.71
		233	6.67	1.78	-46.90	1.66	-46.78	-2.43	-69.24	-809.60	-94.95	-783.89	135.55
		232	8.42	-1.44	-73.40	-1.52	-73.31	-2.43	-90.40	-955.14	-112.81	-932.73	137.40
196	24	230	8.33	-0.80	-73.32	-0.88	-73.24	-2.43	-103.29	-936.88	-108.01	-932.16	62.55
		231	6.56	2.42	-46.82	2.30	-46.70	-2.43	-84.87	-788.59	-90.15	-783.31	60.71
		233	6.67	1.78	-46.90	1.66	-46.78	-2.43	-69.24	-809.60	-94.95	-783.89	135.55
		232	8.42	-1.44	-73.40	-1.52	-73.31	-2.43	-90.40	-955.14	-112.81	-932.73	137.40
197	5	232	7.51	0.10	-84.21	-0.19	-83.92	-4.95	54.80	-768.45	-77.43	-636.23	302.28
		233	5.96	3.94	-53.54	3.51	-53.11	-4.95	86.53	-662.77	-62.70	-513.54	299.25
		235	6.34	2.02	-53.78	1.58	-53.34	-4.95	131.21	-716.25	-70.56	-514.48	360.95
		234	7.81	-1.82	-84.45	-2.12	-84.15	-4.95	95.52	-817.98	-85.29	-637.17	363.97
197	13	232	10.89	2.66	-94.77	-0.04	-92.07	-15.98	-144.77	-1240.05	-145.54	-1239.28	29.04
		233	8.57	8.52	-58.55	4.47	-54.49	-15.98	-121.96	-1061.87	-124.00	-1059.83	43.76
		235	8.62	4.18	-59.36	-0.13	-55.05	-15.98	-67.59	-1073.42	-85.77	-1055.24	134.00
		234	10.92	-1.83	-95.44	-4.64	-92.62	-15.98	-94.82	-1247.17	-107.31	-1234.69	119.28
197	21	232	5.60	0.11	-61.74	-0.11	-61.52	-3.68	44.97	-577.59	-57.85	-474.76	231.18
		233	4.46	2.93	-39.23	2.61	-38.90	-3.68	68.63	-498.47	-46.84	-383.00	228.36
		235	4.75	1.50	-39.41	1.16	-39.07	-3.68	101.19	-539.22	-54.16	-383.88	274.51
		234	5.83	-1.33	-61.92	-1.55	-61.69	-3.68	74.60	-615.41	-65.17	-475.64	277.32
197	24	232	5.60	0.11	-61.74	-0.11	-61.52	-3.68	44.97	-577.59	-57.85	-474.76	231.18
		233	4.46	2.93	-39.23	2.61	-38.90	-3.68	68.63	-498.47	-46.84	-383.00	228.36
		235	4.75	1.50	-39.41	1.16	-39.07	-3.68	101.19	-539.22	-54.16	-383.88	274.51
		234	5.83	-1.33	-61.92	-1.55	-61.69	-3.68	74.60	-615.41	-65.17	-475.64	277.32
198	9	234	6.18	0.85	-62.25	0.29	-61.69	-5.92	587.08	-174.41	34.60	378.07	339.81
		235	5.48	3.74	-40.47	2.94	-39.66	-5.92	552.18	-182.25	30.02	339.91	332.93
		237	5.32	0.49	-40.92	-0.38	-40.06	-5.92	528.42	-178.51	12.14	337.76	313.74
		236	6.03	-2.43	-62.67	-3.02	-62.08	-5.92	563.82	-171.17	16.72	375.93	320.62

198	15	234	11.58	2.36	-65.71	0.28	-63.62	-11.73	1437.10	70.91	124.37	1383.64	264.91
		235	10.39	3.64	-57.44	1.30	-55.10	-11.73	1286.39	48.12	105.78	1228.74	260.89
		237	10.16	6.63	-56.97	4.39	-54.73	-11.73	1256.33	66.50	95.35	1227.49	183.00
		236	11.37	5.37	-65.26	3.37	-63.25	-11.73	1409.39	86.94	113.93	1382.39	187.02
198	21	234	4.72	0.65	-47.39	0.22	-46.95	-4.55	448.33	-135.82	26.26	286.25	261.55
		235	4.19	2.88	-30.64	2.25	-30.01	-4.55	421.76	-141.87	22.76	257.13	256.29
		237	4.06	0.46	-30.98	-0.22	-30.31	-4.55	403.54	-138.93	9.12	255.49	241.65
		236	4.61	-1.79	-47.70	-2.25	-47.25	-4.55	430.50	-133.26	12.62	284.61	246.90
198	24	234	4.72	0.65	-47.39	0.22	-46.95	-4.55	448.33	-135.82	26.26	286.25	261.55
		235	4.19	2.88	-30.64	2.25	-30.01	-4.55	421.76	-141.87	22.76	257.13	256.29
		237	4.06	0.46	-30.98	-0.22	-30.31	-4.55	403.54	-138.93	9.12	255.49	241.65
		236	4.61	-1.79	-47.70	-2.25	-47.25	-4.55	430.50	-133.26	12.62	284.61	246.90
199	6	15	8.66	12.38	-101.98	6.90	-96.51	-24.42	228.99	-705.87	-74.89	-401.99	-437.89
		20	7.15	23.78	-47.06	14.01	-37.30	-24.42	308.05	-599.73	-55.05	-236.63	-444.72
		238	6.17	-12.39	-62.41	-31.99	-42.82	-24.42	215.19	-526.75	-72.80	-238.76	-361.57
		227	7.71	-30.73	-110.39	-39.09	-102.03	-24.42	139.03	-635.80	-92.65	-404.12	-354.73
199	19	15	16.51	8.87	-160.23	4.64	-156.01	-26.38	110.58	-1661.45	-206.19	-1344.68	-678.96
		20	12.77	23.04	-74.79	15.32	-67.07	-26.38	222.95	-1381.15	-164.11	-994.09	-686.34
		238	11.01	-22.27	-86.87	-35.92	-73.22	-26.38	62.40	-1242.09	-183.30	-996.39	-510.05
		227	15.03	-40.86	-167.89	-46.60	-162.16	-26.38	-33.07	-1539.28	-225.37	-1346.98	-502.66
199	21	15	5.32	8.37	-33.14	8.30	-33.07	1.72	578.89	-135.07	17.38	426.44	-292.58
		20	4.46	11.53	-7.55	11.38	-7.39	1.72	503.03	-190.49	3.31	309.22	-311.20
		238	4.96	-8.53	-12.01	-10.52	-10.02	1.72	538.29	-279.93	-45.06	303.42	-370.15
		227	5.69	-13.47	-35.83	-13.60	-35.70	1.72	612.63	-222.99	-31.00	420.64	-351.52
199	24	15	5.32	8.37	-33.14	8.30	-33.07	1.72	578.89	-135.07	17.38	426.44	-292.58
		20	4.46	11.53	-7.55	11.38	-7.39	1.72	503.03	-190.49	3.31	309.22	-311.20
		238	4.96	-8.53	-12.01	-10.52	-10.02	1.72	538.29	-279.93	-45.06	303.42	-370.15
		227	5.69	-13.47	-35.83	-13.60	-35.70	1.72	612.63	-222.99	-31.00	420.64	-351.52
200	6	227	10.96	-26.84	-171.15	-45.18	-152.80	-48.07	29.00	-841.74	-126.50	-686.24	-333.50
		238	8.12	6.16	-91.92	-33.16	-52.61	-48.07	110.42	-691.36	-101.67	-479.28	-353.65
		239	7.16	24.64	-80.62	-6.56	-49.41	-48.07	-20.16	-619.39	-153.99	-485.56	-249.57
		229	10.37	-2.84	-165.36	-18.59	-149.61	-48.07	-91.28	-780.07	-178.83	-692.52	-229.43
200	19	227	17.81	-30.11	-271.25	-56.52	-244.84	-75.31	-57.24	-1412.80	-214.41	-1255.64	-433.99
		238	12.33	17.77	-140.23	-37.35	-85.10	-75.31	60.75	-1089.59	-167.14	-861.70	-458.49
		239	10.77	48.40	-124.24	4.27	-80.11	-75.31	-138.06	-962.06	-230.78	-869.34	-260.40
		229	16.93	7.98	-262.73	-14.90	-239.85	-75.31	-224.49	-1316.85	-278.06	-1263.28	-235.89
200	22	227	8.08	-19.60	-112.69	-30.22	-102.06	-29.60	22.69	-688.60	-111.37	-554.53	-278.19
		238	6.10	1.97	-58.50	-22.11	-34.42	-29.60	88.60	-575.87	-92.23	-395.03	-295.73
		239	5.37	14.51	-51.00	-4.22	-32.27	-29.60	-16.76	-521.55	-137.81	-400.50	-215.53
		229	7.60	-3.27	-108.98	-12.34	-99.92	-29.60	-75.97	-640.98	-156.95	-560.00	-197.98
200	25	227	7.98	-19.40	-106.13	-28.64	-96.89	-26.76	24.12	-707.74	-116.91	-566.71	-288.66
		238	6.08	0.71	-54.03	-20.90	-32.41	-26.76	91.61	-595.57	-97.66	-406.30	-306.98
		239	5.34	12.73	-46.98	-3.88	-30.37	-26.76	-15.94	-541.34	-145.26	-412.01	-226.32
		229	7.49	-3.76	-102.71	-11.62	-94.85	-26.76	-77.16	-659.77	-164.51	-572.42	-207.99
201	5	229	10.19	-7.36	-72.75	-7.69	-72.43	-4.58	-273.99	-1307.10	-336.11	-1244.98	-245.61
		239	6.93	-2.05	-32.15	-2.77	-31.43	-4.58	-201.86	-974.23	-292.72	-883.37	-248.85
		240	6.28	4.80	-31.19	4.20	-30.60	-4.58	-293.54	-891.98	-301.14	-884.38	-67.01
		231	9.79	-0.42	-71.89	-0.72	-71.59	-4.58	-340.04	-1250.48	-344.53	-1245.99	-63.77
201	17	229	14.31	19.41	-238.14	-11.46	-207.28	-83.65	-114.73	-963.99	-221.40	-857.32	-281.45
		239	10.29	53.81	-135.16	3.26	-84.61	-83.65	-36.67	-741.34	-189.18	-588.83	-290.20
		240	9.07	52.66	-135.69	1.76	-84.79	-83.65	-156.55	-646.91	-211.91	-591.56	-155.18
		231	13.44	18.06	-238.48	-12.96	-207.46	-83.65	-211.09	-893.09	-244.13	-860.05	-146.43
201	21	229	7.74	-5.54	-53.61	-5.77	-53.38	-3.33	-212.48	-1002.42	-259.05	-955.86	-186.05
		239	5.27	-1.61	-23.59	-2.13	-23.08	-3.33	-157.73	-747.14	-225.83	-679.04	-188.42
		240	4.79	3.54	-22.88	3.11	-22.45	-3.33	-226.64	-685.12	-231.99	-679.78	-49.22
		231	7.44	-0.31	-52.96	-0.52	-52.75	-3.33	-262.05	-959.75	-265.21	-956.59	-46.85
201	24	229	7.74	-5.54	-53.61	-5.77	-53.38	-3.33	-212.48	-1002.42	-259.05	-955.86	-186.05
		239	5.27	-1.61	-23.59	-2.13	-23.08	-3.33	-157.73	-747.14	-225.83	-679.04	-188.42
		240	4.79	3.54	-22.88	3.11	-22.45	-3.33	-226.64	-685.12	-231.99	-679.78	-49.22
		231	7.44	-0.31	-52.96	-0.52	-52.75	-3.33	-262.05	-959.75	-265.21	-956.59	-46.85
202	5	231	8.28	0.98	-64.64	0.21	-63.87	-7.06	-310.89	-1057.90	-320.78	-1048.01	85.37
		240	5.27	5.63	-31.65	4.24	-30.26	-7.06	-257.10	-750.30	-282.05	-725.34	108.10
		241	5.92	6.48	-31.52	5.12	-30.16	-7.06	-104.02	-837.25	-223.02	-718.25	270.36
		233	8.70	1.84	-64.53	1.08	-63.77	-7.06	-189.70	-1112.97	-261.74	-1040.93	247.63
202	13	231	10.81	14.23	-107.95	-3.92	-89.79	-43.46	-222.57	-1155.89	-312.07	-1066.39	-274.81
		240	8.02	29.21	-67.44	2.02	-40.25	-43.46	-133.34	-863.96	-271.23	-726.07	-285.88
		241	6.70	28.00	-68.04	0.41	-40.44	-43.46	-271.26	-758.26	-300.00	-729.52	-114.75
		233	9.88	12.83	-108.36	-5.54	-89.99	-43.46	-326.38	-1084.30	-340.84	-1069.85	-103.68
202	21	231	6.27	0.73	-47.52	0.17	-46.96	-5.18	-238.71	-810.05	-246.67	-802.10	66.95
		240	4.01	4.16	-23.21	3.14	-22.19	-5.18	-197.18	-576.36	-217.18	-556.36	84.75
		241	4.52	4.81	-23.11	3.81	-22.11	-5.18	-78.97	-642.79	-170.95	-550.81	208.32
		233	6.60	1.39	-47.44	0.84	-46.88	-5.18	-144.74	-852.24	-200.43	-796.55	190.53
202	24	231	6.27	0.73	-47.52	0.17	-46.96	-5.18	-238.71	-810.05	-246.67	-802.10	66.95
		240	4.01	4.16	-23.21	3.14	-22.19	-5.18	-197.18	-576.36	-217.18	-556.36	84.75
		241	4.52	4.81	-23.11	3.81	-22.11	-5.18	-78.97	-642.79	-170.95	-550.81	208.32
		233	6.60	1.39	-47.44	0.84	-46.88	-5.18	-144.74	-852.24	-200.43	-796.55	190.53
203	5	233	6.04	4.37	-55.28	2.34	-53.25	-10.81	40.49	-770.99	-200.43	-530.06	370.76

		241	5.52	9.17	-28.32	5.75	-24.89	-10.81	152.14	-680.82	-178.81	-349.87	407.60
		242	6.49	6.78	-28.86	3.13	-25.21	-10.81	303.55	-725.05	-83.11	-338.39	498.21
		235	6.81	1.84	-55.67	-0.27	-53.56	-10.81	193.99	-817.30	-104.73	-518.58	461.37
203	19	233	8.09	27.99	-134.44	-5.95	-100.51	-66.03	204.44	-466.45	-102.32	-159.69	334.22
		241	8.07	46.40	-94.32	0.32	-48.25	-66.03	272.48	-441.02	-92.30	-76.24	356.66
		242	8.51	46.77	-94.11	0.84	-48.18	-66.03	347.39	-450.64	-34.01	-69.24	398.63
		235	8.50	28.41	-134.28	-5.43	-100.44	-66.03	281.73	-478.45	-44.03	-152.70	376.19
203	21	233	4.53	3.29	-40.51	1.78	-39.00	-7.98	34.36	-582.34	-152.33	-395.66	283.33
		241	4.21	6.83	-20.73	4.28	-18.18	-7.98	119.09	-516.80	-136.23	-261.48	311.72
		242	4.93	5.07	-21.12	2.35	-18.41	-7.98	233.36	-548.49	-62.50	-252.64	379.19
		235	5.12	1.42	-40.80	-0.15	-39.23	-7.98	150.46	-615.86	-78.60	-386.81	350.80
203	24	233	4.53	3.29	-40.51	1.78	-39.00	-7.98	34.36	-582.34	-152.33	-395.66	283.33
		241	4.21	6.83	-20.73	4.28	-18.18	-7.98	119.09	-516.80	-136.23	-261.48	311.72
		242	4.93	5.07	-21.12	2.35	-18.41	-7.98	233.36	-548.49	-62.50	-252.64	379.19
		235	5.12	1.42	-40.80	-0.15	-39.23	-7.98	150.46	-615.86	-78.60	-386.81	350.80
204	5	235	6.73	4.78	-45.04	1.19	-41.45	-12.89	609.00	-319.78	-6.96	296.19	438.96
		242	6.39	10.01	-23.73	4.03	-17.74	-12.89	568.94	-372.87	-16.94	213.01	456.66
		243	5.88	7.14	-24.72	0.57	-18.16	-12.89	549.29	-301.73	29.03	218.53	414.83
		237	6.24	1.55	-45.69	-2.27	-41.86	-12.89	588.64	-247.93	39.01	301.70	397.13
204	15	235	10.78	3.99	-62.52	-2.93	-55.60	-20.30	1337.89	87.78	187.16	1238.51	338.18
		242	8.88	9.14	-43.73	-0.36	-34.23	-20.30	1110.31	33.19	156.93	986.57	343.47
		243	8.12	10.51	-43.29	1.26	-34.04	-20.30	1042.14	116.74	170.66	988.22	216.78
		237	10.16	5.47	-62.18	-1.31	-55.41	-20.30	1281.54	159.51	200.90	1240.15	211.49
204	21	235	5.17	3.64	-32.87	0.94	-30.17	-9.55	482.61	-230.09	-1.68	254.19	332.59
		242	4.87	7.49	-17.36	3.02	-12.88	-9.55	445.46	-273.00	-10.26	182.72	346.03
		243	4.44	5.30	-18.13	0.38	-13.20	-9.55	426.31	-214.75	24.65	186.91	310.09
		237	4.76	1.18	-33.36	-1.70	-30.49	-9.55	463.10	-171.49	33.23	258.38	296.65
204	24	235	5.17	3.64	-32.87	0.94	-30.17	-9.55	482.61	-230.09	-1.68	254.19	332.59
		242	4.87	7.49	-17.36	3.02	-12.88	-9.55	445.46	-273.00	-10.26	182.72	346.03
		243	4.44	5.30	-18.13	0.38	-13.20	-9.55	426.31	-214.75	24.65	186.91	310.09
		237	4.76	1.18	-33.36	-1.70	-30.49	-9.55	463.10	-171.49	33.23	258.38	296.65
205	5	20	6.46	18.07	-18.66	10.42	-11.01	14.92	675.41	-234.30	43.17	397.94	-418.84
		25	6.07	26.29	-3.72	12.90	9.68	14.92	567.12	-332.31	21.07	213.75	-439.27
		244	7.09	16.21	-17.39	-8.31	7.13	14.92	632.88	-457.51	-32.00	207.38	-531.90
		238	7.37	2.81	-27.16	-10.79	-13.55	14.92	740.28	-358.61	-9.90	391.57	-511.46
205	14	20	10.61	10.27	-24.78	7.37	-21.88	-9.66	1562.57	172.49	196.43	1538.62	-180.86
		25	7.68	11.04	-21.24	7.83	-18.03	-9.66	1120.81	110.58	142.47	1088.92	-176.64
		244	8.35	-11.67	-31.00	-21.16	-21.51	-9.66	1239.59	4.08	153.43	1090.24	-402.77
		238	11.03	-13.65	-33.33	-21.63	-25.36	-9.66	1654.41	92.93	207.40	1539.94	-406.99
205	21	20	4.91	13.75	-13.54	8.01	-7.80	11.12	519.46	-173.33	33.30	312.82	-316.95
		25	4.60	19.93	-2.42	9.87	7.65	11.12	434.29	-249.57	16.01	168.71	-333.30
		244	5.40	12.32	-13.00	-6.38	5.70	11.12	485.32	-348.17	-26.46	163.61	-405.77
		238	5.62	2.16	-20.14	-8.23	-9.75	11.12	569.69	-271.14	-9.17	307.73	-389.42
205	24	20	4.91	13.75	-13.54	8.01	-7.80	11.12	519.46	-173.33	33.30	312.82	-316.95
		25	4.60	19.93	-2.42	9.87	7.65	11.12	434.29	-249.57	16.01	168.71	-333.30
		244	5.40	12.32	-13.00	-6.38	5.70	11.12	485.32	-348.17	-26.46	163.61	-405.77
		238	5.62	2.16	-20.14	-8.23	-9.75	11.12	569.69	-271.14	-9.17	307.73	-389.42
206	5	238	7.66	-5.51	-28.36	-11.81	-22.05	10.22	214.44	-990.94	-133.99	-642.51	-546.43
		244	7.43	7.35	-15.42	-9.05	0.98	10.22	334.92	-814.96	-102.23	-377.82	-558.18
		245	5.96	11.26	-9.29	-0.08	2.06	10.22	185.78	-700.01	-132.76	-381.48	-425.08
		239	6.26	1.75	-25.57	-2.85	-20.98	10.22	73.02	-883.71	-164.52	-646.17	-413.33
206	17	238	13.21	56.03	-126.61	16.19	-86.78	-75.43	347.09	-967.65	-50.89	-569.67	-604.02
		244	11.40	102.40	-48.54	29.53	24.34	-75.43	453.09	-775.08	-18.90	-303.09	-597.42
		245	9.80	88.63	-63.19	4.15	21.29	-75.43	335.54	-638.32	-1.74	-301.04	-463.37
		239	11.76	36.02	-135.03	-9.18	-89.82	-75.43	239.82	-841.17	-33.73	-567.62	-469.97
206	21	238	5.85	-3.96	-21.08	-8.99	-16.05	7.80	160.36	-757.70	-105.16	-492.19	-416.25
		244	5.67	5.62	-11.80	-6.97	0.79	7.80	253.35	-623.91	-80.86	-289.71	-426.02
		245	4.55	8.59	-7.11	-0.13	1.61	7.80	137.84	-536.85	-106.25	-292.75	-324.20
		239	4.78	1.49	-18.87	-2.15	-15.23	7.80	50.58	-676.37	-130.55	-495.24	-314.42
206	24	238	5.85	-3.96	-21.08	-8.99	-16.05	7.80	160.36	-757.70	-105.16	-492.19	-416.25
		244	5.67	5.62	-11.80	-6.97	0.79	7.80	253.35	-623.91	-80.86	-289.71	-426.02
		245	4.55	8.59	-7.11	-0.13	1.61	7.80	137.84	-536.85	-106.25	-292.75	-324.20
		239	4.78	1.49	-18.87	-2.15	-15.23	7.80	50.58	-676.37	-130.55	-495.24	-314.42
207	5	239	6.90	-4.12	-31.60	-4.12	-31.60	0.29	-109.06	-953.68	-191.52	-871.22	-250.70
		245	3.97	1.91	-0.15	-0.11	1.87	0.29	-20.03	-596.62	-143.73	-472.92	-236.69
		246	2.89	8.15	2.84	8.13	2.86	0.29	-103.71	-472.19	-107.34	-468.55	-36.40
		240	6.42	4.12	-30.61	4.12	-30.61	0.29	-151.59	-870.41	-155.14	-866.86	-50.41
207	13	239	11.38	26.97	-96.47	-11.34	-58.16	-57.11	276.67	-981.60	-109.99	-594.94	-580.53
		245	10.46	56.42	-57.98	-4.06	2.50	-57.11	407.77	-828.95	-79.59	-341.60	-604.32
		246	9.01	58.02	-56.26	-1.10	2.85	-57.11	242.90	-733.29	-141.38	-349.01	-476.93
		240	10.08	29.13	-95.31	-8.38	-57.80	-57.11	114.61	-888.75	-171.78	-602.36	-453.14
207	21	239	5.25	-3.10	-23.20	-3.11	-23.19	0.39	-89.27	-732.39	-151.53	-670.12	-190.18
		245	3.04	1.53	-0.24	-0.15	1.44	0.39	-20.83	-458.10	-114.81	-364.12	-179.62
		246	2.22	6.10	2.15	6.06	2.19	0.39	-84.99	-363.23	-87.39	-360.83	-25.74
		240	4.89	3.11	-22.46	3.10	-22.45	0.39	-121.69	-669.25	-124.11	-666.83	-36.30
207	24	239	5.25	-3.10	-23.20	-3.11	-23.19	0.39	-89.27	-732.39	-151.53	-670.12	-190.18
		245	3.04	1.53	-0.24	-0.15	1.44	0.39	-20.83	-458.10	-114.81	-364.12	-179.62

		246	2.22	6.10	2.15	6.06	2.19	0.39	-84.99	-363.23	-87.39	-360.83	-25.74
		240	4.89	3.11	-22.46	3.10	-22.45	0.39	-121.69	-669.25	-124.11	-666.83	-36.30
208	5	240	5.49	5.35	-31.46	4.16	-30.27	-6.52	-110.04	-733.83	-136.05	-707.82	124.70
		246	3.06	12.83	-1.00	8.22	3.61	-6.52	-32.01	-432.20	-95.37	-368.83	146.10
		247	4.64	13.80	-0.47	9.56	3.77	-6.52	154.25	-556.21	-39.80	-362.16	316.56
		241	6.29	6.65	-31.27	5.49	-30.11	-6.52	37.47	-819.10	-80.47	-701.15	295.16
208	19	240	7.01	49.09	-128.76	-13.36	-66.31	-84.89	73.85	-399.41	-11.63	-313.94	182.06
		246	7.04	91.22	-79.60	-3.58	15.19	-84.89	112.22	-261.94	7.21	-156.94	168.11
		247	7.91	90.88	-80.01	-4.25	15.11	-84.89	160.60	-350.91	-29.03	-161.29	247.06
		241	7.92	48.63	-129.05	-14.03	-66.39	-84.89	110.88	-477.03	-47.87	-318.28	261.01
208	21	240	4.17	3.98	-23.04	3.13	-22.19	-4.71	-88.33	-564.38	-109.30	-543.41	97.67
		246	2.36	9.46	-0.52	6.13	2.82	-4.71	-27.03	-335.08	-78.16	-283.95	114.62
		247	3.57	10.17	-0.13	7.11	2.93	-4.71	117.47	-430.30	-34.16	-278.67	245.09
		241	4.80	4.93	-22.89	4.11	-22.07	-4.71	26.84	-630.26	-65.29	-538.13	228.15
208	24	240	4.17	3.98	-23.04	3.13	-22.19	-4.71	-88.33	-564.38	-109.30	-543.41	97.67
		246	2.36	9.46	-0.52	6.13	2.82	-4.71	-27.03	-335.08	-78.16	-283.95	114.62
		247	3.57	10.17	-0.13	7.11	2.93	-4.71	117.47	-430.30	-34.16	-278.67	245.09
		241	4.80	4.93	-22.89	4.11	-22.07	-4.71	26.84	-630.26	-65.29	-538.13	228.15
209	5	241	5.80	10.09	-28.81	6.13	-24.85	-11.77	272.59	-641.63	-36.27	-332.77	432.41
		247	5.93	18.67	-5.63	9.53	3.51	-11.77	351.90	-552.41	-18.21	-182.30	444.65
		248	6.80	16.51	-7.23	6.17	3.11	-11.77	446.66	-611.55	13.59	-178.48	520.32
		242	6.67	7.06	-29.54	2.77	-25.25	-11.77	366.64	-700.06	-4.46	-328.95	508.07
209	19	241	8.47	48.93	-110.68	-12.03	-49.73	-77.55	298.12	-383.15	-17.75	-67.29	339.73
		247	7.97	74.14	-81.04	-6.15	-0.75	-77.55	328.46	-278.75	-3.31	53.02	302.29
		248	8.70	75.62	-79.50	-3.46	-0.43	-77.55	340.06	-399.26	-100.55	41.35	362.79
		242	9.21	50.72	-109.46	-9.34	-49.41	-77.55	303.66	-497.61	-114.99	-78.96	400.23
209	21	241	4.42	7.47	-21.03	4.58	-18.14	-8.59	209.34	-488.72	-30.57	-248.80	331.54
		247	4.54	13.79	-3.94	7.09	2.76	-8.59	269.84	-425.08	-17.27	-137.96	342.18
		248	5.18	12.20	-5.12	4.61	2.46	-8.59	342.33	-466.61	10.36	-134.64	397.92
		242	5.06	5.22	-21.56	2.10	-18.44	-8.59	281.61	-530.04	-2.94	-245.49	387.28
209	24	241	4.42	7.47	-21.03	4.58	-18.14	-8.59	209.34	-488.72	-30.57	-248.80	331.54
		247	4.54	13.79	-3.94	7.09	2.76	-8.59	269.84	-425.08	-17.27	-137.96	342.18
		248	5.18	12.20	-5.12	4.61	2.46	-8.59	342.33	-466.61	10.36	-134.64	397.92
		242	5.06	5.22	-21.56	2.10	-18.44	-8.59	281.61	-530.04	-2.94	-245.49	387.28
210	5	242	6.56	11.50	-25.63	3.66	-17.79	-15.16	615.47	-331.31	61.71	222.45	466.52
		248	6.26	20.17	-10.25	6.24	3.68	-15.16	532.48	-398.62	45.60	88.26	465.06
		249	5.48	16.64	-13.83	-0.11	2.92	-15.16	463.06	-333.43	41.82	87.80	397.58
		243	5.80	6.49	-27.72	-2.69	-18.55	-15.16	547.34	-267.42	57.93	221.99	399.04
210	13	242	8.17	52.27	-54.18	1.21	-3.12	-53.18	-132.16	-944.29	-299.35	-777.09	328.38
		248	8.50	64.97	-42.43	3.83	18.70	-53.18	-63.97	-884.18	-285.61	-662.54	364.23
		249	9.08	68.97	-37.70	11.63	19.64	-53.18	58.27	-902.12	-192.48	-651.37	421.83
		243	8.74	56.89	-50.06	9.01	-2.18	-53.18	-9.32	-962.82	-206.22	-765.91	385.98
210	21	242	4.99	8.51	-18.66	2.77	-12.92	-11.09	480.62	-241.44	49.31	189.87	354.12
		248	4.74	14.89	-7.37	4.66	2.86	-11.09	411.81	-296.49	36.04	79.28	353.49
		249	4.10	12.26	-10.05	-0.09	2.29	-11.09	355.47	-241.98	34.40	79.09	297.89
		243	4.37	4.76	-20.23	-1.98	-13.48	-11.09	425.51	-188.17	47.67	189.67	298.51
210	24	242	4.99	8.51	-18.66	2.77	-12.92	-11.09	480.62	-241.44	49.31	189.87	354.12
		248	4.74	14.89	-7.37	4.66	2.86	-11.09	411.81	-296.49	36.04	79.28	353.49
		249	4.10	12.26	-10.05	-0.09	2.29	-11.09	355.47	-241.98	34.40	79.09	297.89
		243	4.37	4.76	-20.23	-1.98	-13.48	-11.09	425.51	-188.17	47.67	189.67	298.51
211	5	25	6.14	29.85	-14.14	6.77	8.94	21.97	579.21	-258.30	97.94	222.97	-414.06
		30	5.24	16.67	-32.86	3.35	-19.54	21.97	474.61	-164.30	96.80	213.51	-314.08
		250	5.52	10.36	-36.17	-5.24	-20.57	21.97	624.28	-23.12	356.49	244.67	-318.84
		244	6.46	25.54	-19.45	-1.82	7.91	21.97	727.88	-116.12	357.62	254.13	-418.82
211	19	25	10.09	33.82	-67.34	-12.65	-20.86	-50.41	260.14	-975.60	45.62	-761.08	-468.05
		30	14.38	305.17	16.30	25.38	296.08	-50.41	127.42	-788.69	51.43	-712.70	-252.67
		250	14.97	315.45	80.63	92.00	304.08	-50.41	651.08	-685.78	610.87	-645.57	-228.34
		244	12.39	81.04	-39.93	53.97	-12.87	-50.41	742.16	-831.05	605.06	-693.95	-443.73
211	21	25	4.67	22.97	-10.56	5.31	7.10	16.74	443.98	-193.77	74.49	175.73	-314.83
		30	4.02	12.47	-25.72	2.56	-15.81	16.74	363.44	-125.18	73.21	165.06	-239.95
		250	4.24	7.38	-28.30	-4.28	-16.63	16.74	476.55	-20.46	267.69	188.39	-245.32
		244	4.93	19.56	-14.81	-1.53	6.28	16.74	556.12	-88.08	268.97	199.07	-320.20
211	24	25	4.67	22.97	-10.56	5.31	7.10	16.74	443.98	-193.77	74.49	175.73	-314.83
		30	4.02	12.47	-25.72	2.56	-15.81	16.74	363.44	-125.18	73.21	165.06	-239.95
		250	4.24	7.38	-28.30	-4.28	-16.63	16.74	476.55	-20.46	267.69	188.39	-245.32
		244	4.93	19.56	-14.81	-1.53	6.28	16.74	556.12	-88.08	268.97	199.07	-320.20
212	5	244	6.98	13.19	-13.99	-2.56	1.76	13.42	520.15	-563.81	287.40	-331.06	-445.11
		250	5.64	28.50	-6.40	-0.11	22.20	13.42	473.65	-328.81	307.60	-162.76	-325.08
		251	6.01	31.27	0.76	8.75	23.27	13.42	690.24	-196.23	619.35	-125.34	-240.45
		245	7.12	18.09	-8.97	6.30	2.82	13.42	726.52	-421.02	599.15	-293.65	-360.47
212	17	244	11.97	126.19	-40.82	57.66	27.71	-82.15	812.79	-446.16	595.94	-229.31	-475.37
		250	11.76	235.00	34.57	77.39	192.18	-82.15	832.99	-304.85	613.25	-85.11	-449.16
		251	10.55	217.58	-19.58	13.49	184.52	-82.15	836.61	-232.23	681.32	-76.94	-376.65
		245	10.49	90.09	-76.30	-6.25	20.05	-82.15	819.91	-377.04	664.02	-221.14	-402.86
212	21	244	5.33	10.08	-10.82	-2.12	1.37	10.30	393.51	-433.19	214.57	-254.25	-340.45
		250	4.30	21.01	-5.33	-0.36	16.05	10.30	359.17	-253.62	230.13	-124.58	-249.85
		251	4.55	23.22	0.15	6.50	16.87	10.30	520.72	-151.59	465.47	-96.34	-184.64

		245	5.41	13.85	-6.91	4.74	2.20	10.30	547.81	-323.92	449.91	-226.01	-275.24
212	24	244	5.33	10.08	-10.82	-2.12	1.37	10.30	393.51	-433.19	214.57	-254.25	-340.45
		250	4.30	21.01	-5.33	-0.36	16.05	10.30	359.17	-253.62	230.13	-124.58	-249.85
		251	4.55	23.22	0.15	6.50	16.87	10.30	520.72	-151.59	465.47	-96.34	-184.64
		245	5.41	13.85	-6.91	4.74	2.20	10.30	547.81	-323.92	449.91	-226.01	-275.24
213	5	245	6.07	7.77	1.14	6.28	2.63	2.77	617.71	-414.62	588.18	-385.09	-172.08
		251	5.46	41.95	10.72	10.97	41.70	2.77	645.14	-135.53	621.02	-111.41	-135.08
		252	5.67	42.20	12.62	12.88	41.93	2.77	717.13	-99.89	717.12	-99.88	2.54
		246	6.38	9.37	1.69	8.20	2.86	2.77	685.40	-374.68	684.28	-373.56	-34.46
213	17	245	8.88	93.62	-69.76	-5.17	29.03	-79.88	736.74	-290.76	664.35	-218.37	-262.94
		251	9.58	169.16	-32.41	6.93	129.83	-79.88	814.88	-177.86	684.82	-47.80	-334.97
		252	8.30	166.90	-38.95	-0.93	128.89	-79.88	591.58	-164.08	497.75	-70.25	-249.19
		246	7.36	90.01	-74.95	-13.03	28.09	-79.88	518.61	-282.15	477.28	-240.82	-177.17
213	21	245	4.59	6.01	0.73	4.72	2.03	2.27	463.78	-319.81	441.35	-297.38	-130.66
		251	4.12	31.23	7.97	8.20	31.01	2.27	485.20	-105.25	466.63	-86.68	-103.04
		252	4.27	31.41	9.37	9.61	31.18	2.27	538.39	-78.09	538.38	-78.07	2.91
		246	4.83	7.17	1.16	6.13	2.20	2.27	513.86	-289.53	513.10	-288.77	-24.71
213	24	245	4.59	6.01	0.73	4.72	2.03	2.27	463.78	-319.81	441.35	-297.38	-130.66
		251	4.12	31.23	7.97	8.20	31.01	2.27	485.20	-105.25	466.63	-86.68	-103.04
		252	4.27	31.41	9.37	9.61	31.18	2.27	538.39	-78.09	538.38	-78.07	2.91
		246	4.83	7.17	1.16	6.13	2.20	2.27	513.86	-289.53	513.10	-288.77	-24.71
214	5	246	6.16	9.42	2.49	8.29	3.62	-2.56	718.34	-295.92	696.25	-273.84	148.04
		252	5.74	43.82	12.87	13.09	43.61	-2.56	735.66	-80.25	721.21	-65.81	107.59
		253	5.57	43.97	14.05	14.27	43.75	-2.56	675.85	-138.11	616.15	-78.42	212.20
		247	6.05	10.45	2.78	9.47	3.76	-2.56	658.72	-353.98	591.19	-286.44	252.64
214	20	246	5.96	55.25	-62.32	9.20	-16.27	57.39	228.69	-233.18	125.50	-129.99	192.39
		252	6.26	48.92	-72.00	7.48	-30.57	57.39	292.04	-187.89	137.14	-32.99	224.38
		253	6.97	50.79	-70.89	10.15	-30.25	57.39	397.62	-200.40	220.24	-23.02	273.16
		247	6.67	57.00	-61.09	11.86	-15.95	57.39	336.11	-247.53	208.60	-120.02	241.16
214	21	246	4.66	6.90	2.13	6.20	2.82	-1.69	540.11	-229.68	522.32	-211.89	115.65
		252	4.32	32.61	9.64	9.76	32.49	-1.69	553.35	-63.25	541.57	-51.48	84.39
		253	4.21	32.71	10.45	10.58	32.58	-1.69	508.22	-109.06	460.38	-61.22	165.05
		247	4.59	7.62	2.32	7.02	2.92	-1.69	494.91	-275.42	441.13	-221.63	196.31
214	24	246	4.66	6.90	2.13	6.20	2.82	-1.69	540.11	-229.68	522.32	-211.89	115.65
		252	4.32	32.61	9.64	9.76	32.49	-1.69	553.35	-63.25	541.57	-51.48	84.39
		253	4.21	32.71	10.45	10.58	32.58	-1.69	508.22	-109.06	460.38	-61.22	165.05
		247	4.59	7.62	2.32	7.02	2.92	-1.69	494.91	-275.42	441.13	-221.63	196.31
215	5	247	6.39	13.64	-0.70	9.44	3.50	-6.53	776.86	-270.67	612.77	-106.58	380.74
		253	5.73	39.56	11.93	13.57	37.92	-6.53	716.14	-121.92	622.20	-27.98	264.39
		254	4.91	39.00	8.75	10.24	37.52	-6.53	487.43	-231.67	320.00	-64.24	303.91
		248	5.82	11.30	-2.09	6.10	3.10	-6.53	561.37	-393.65	310.57	-142.84	420.26
215	17	247	6.44	74.41	-82.40	-12.76	4.77	-77.92	337.73	-96.00	306.26	-64.54	112.50
		253	5.41	99.58	-64.50	-8.15	43.22	-77.92	332.09	142.09	331.17	143.01	13.19
		254	5.96	101.78	-60.94	-2.99	43.84	-77.92	211.78	-26.52	73.21	112.06	117.56
		248	7.11	77.08	-79.30	-7.61	5.39	-77.92	204.89	-252.07	48.30	-95.49	216.87
215	21	247	4.84	9.90	-0.16	7.00	2.75	-4.56	586.92	-209.82	458.02	-80.92	293.40
		253	4.34	29.27	8.97	10.05	28.19	-4.56	540.15	-98.34	464.95	-23.13	205.81
		254	3.73	28.87	6.60	7.57	27.89	-4.56	368.98	-181.96	237.45	-50.44	234.87
		248	4.42	8.16	-1.19	4.52	2.45	-4.56	425.38	-303.09	230.51	-108.22	322.46
215	24	247	4.84	9.90	-0.16	7.00	2.75	-4.56	586.92	-209.82	458.02	-80.92	293.40
		253	4.34	29.27	8.97	10.05	28.19	-4.56	540.15	-98.34	464.95	-23.13	205.81
		254	3.73	28.87	6.60	7.57	27.89	-4.56	368.98	-181.96	237.45	-50.44	234.87
		248	4.42	8.16	-1.19	4.52	2.45	-4.56	425.38	-303.09	230.51	-108.22	322.46
216	6	248	4.55	28.58	-38.47	-3.15	-6.74	-33.47	232.93	-220.87	17.26	-5.20	226.62
		254	4.09	35.32	-31.97	-1.73	5.09	-33.47	175.90	-196.18	13.79	-34.08	184.49
		255	3.93	34.97	-32.38	-2.41	5.00	-33.47	100.27	-243.10	-95.63	-47.21	169.97
		249	4.42	28.18	-38.83	-3.83	-6.82	-33.47	160.04	-270.53	-92.16	-18.33	212.10
216	13	248	8.48	66.49	-47.51	0.66	18.32	-56.31	248.39	-713.04	146.09	-610.74	296.46
		254	7.50	75.41	-41.08	2.30	32.03	-56.31	214.58	-563.20	158.52	-507.14	201.13
		255	7.56	74.82	-41.97	0.99	31.87	-56.31	25.04	-650.98	-89.08	-536.86	253.23
		249	8.60	65.85	-48.34	-0.66	18.16	-56.31	69.59	-811.56	-101.52	-640.45	348.55
216	22	248	3.50	19.03	-23.45	-1.03	-3.40	-21.21	240.31	-151.07	60.99	28.25	195.00
		254	3.06	24.55	-18.29	0.12	6.14	-21.21	179.70	-136.17	56.09	-12.57	154.16
		255	2.79	24.03	-18.94	-0.92	6.01	-21.21	96.57	-171.85	-49.98	-25.30	133.64
		249	3.26	18.42	-24.01	-2.07	-3.52	-21.21	162.31	-191.88	-45.09	15.52	174.48
216	25	248	3.53	18.13	-21.24	-0.40	-2.70	-19.65	265.28	-145.74	82.68	36.85	204.23
		254	3.05	23.98	-15.86	0.80	7.32	-19.65	198.63	-130.64	77.16	-9.16	158.88
		255	2.72	23.30	-16.76	-0.61	7.15	-19.65	104.05	-167.98	-40.63	-23.30	135.74
		249	3.25	17.31	-22.00	-1.82	-2.87	-19.65	177.19	-189.58	-35.11	22.72	181.09
217	6	4	21.94	-31.43	-474.87	-45.43	-460.88	-77.53	1000.95	-157.12	63.93	779.90	455.11
		12	11.31	41.42	-140.81	-1.83	-97.56	-77.53	697.06	-284.17	17.76	395.13	452.88
		257	9.46	41.05	-140.96	-2.30	-97.61	-77.53	525.48	-119.06	11.98	394.44	259.40
		256	21.05	-31.88	-474.94	-45.89	-460.93	-77.53	864.13	-26.78	58.15	779.21	261.63
217	17	4	39.56	-52.47	-736.44	-71.42	-717.49	-112.27	2382.05	-102.74	150.17	2129.14	751.30
		12	20.57	55.20	-216.44	-4.17	-157.06	-112.27	1678.49	-298.26	53.84	1326.40	756.33
		257	17.42	58.74	-215.09	0.20	-156.54	-112.27	1419.89	-25.03	66.89	1327.96	352.66
		256	38.03	-48.21	-735.81	-67.06	-716.97	-112.27	2190.33	103.61	163.22	2130.71	347.64

217	22	4	13.60	-20.16	-314.70	-29.02	-305.85	-50.30	542.84	-165.25	38.69	338.91	320.65
		12	7.21	27.37	-92.23	-0.09	-64.77	-50.30	397.01	-244.80	14.54	137.67	314.94
		257	6.18	26.27	-92.68	-1.47	-64.94	-50.30	292.14	-156.52	-0.27	135.89	213.75
		256	13.09	-21.51	-314.91	-30.40	-306.01	-50.30	450.12	-89.11	23.88	337.13	219.45
217	25	4	12.44	-18.73	-297.02	-26.87	-288.88	-46.89	466.30	-190.05	34.89	241.35	311.51
		12	6.71	25.71	-86.56	0.44	-61.30	-46.89	350.98	-260.52	14.99	75.47	304.25
		257	5.83	24.27	-87.14	-1.35	-61.51	-46.89	258.84	-189.51	-3.88	73.21	220.84
		256	11.99	-20.48	-297.28	-28.66	-289.10	-46.89	381.47	-126.34	16.03	239.09	228.10
218	6	256	14.35	-18.43	-276.04	-23.14	-271.33	-34.51	828.37	-11.69	55.93	760.75	228.55
		257	10.33	-0.34	-156.43	-8.39	-148.39	-34.51	756.39	-34.00	45.83	676.56	238.17
		259	10.14	6.88	-155.20	-0.84	-147.48	-34.51	737.11	13.26	70.81	679.56	195.83
		258	14.22	-11.00	-275.02	-15.59	-270.43	-34.51	811.23	33.44	80.92	763.75	186.21
218	17	256	23.91	-27.77	-448.85	-34.12	-442.50	-51.30	1426.07	24.70	72.88	1377.88	255.35
		257	17.06	1.22	-250.17	-9.73	-239.23	-51.30	1301.38	-8.82	55.93	1236.62	283.99
		259	16.76	14.06	-248.08	3.60	-237.63	-51.30	1284.83	91.03	130.31	1245.55	212.96
		258	23.70	-14.62	-447.08	-20.79	-440.90	-51.30	1413.64	120.44	147.26	1386.81	184.32
218	22	256	10.46	-12.67	-185.11	-15.55	-182.23	-22.10	689.20	-6.61	58.33	624.27	202.40
		257	7.64	-0.61	-104.06	-5.57	-99.11	-22.10	621.00	-24.88	49.07	547.05	205.65
		259	7.47	4.34	-103.23	-0.40	-98.49	-22.10	599.42	6.14	57.49	548.06	166.82
		258	10.35	-7.57	-184.41	-10.38	-181.61	-22.10	669.66	22.37	66.75	625.28	163.58
218	25	256	10.30	-12.19	-175.97	-14.78	-173.38	-20.43	712.45	-6.50	64.33	641.62	214.26
		257	7.56	-0.79	-98.56	-5.26	-94.08	-20.43	639.00	-25.34	54.45	559.22	215.96
		259	7.38	3.99	-97.77	-0.29	-93.49	-20.43	614.55	4.05	58.85	559.74	174.52
		258	10.18	-7.28	-175.30	-9.80	-172.78	-20.43	690.21	20.68	68.74	642.15	172.82
219	5	258	12.95	-3.91	-113.49	-4.01	-113.39	-3.23	1455.14	136.88	160.47	1431.56	174.75
		259	10.36	1.18	-71.53	1.03	-71.38	-3.23	1249.08	106.98	135.19	1220.87	177.27
		261	10.16	2.33	-71.39	2.18	-71.24	-3.23	1226.34	137.04	141.73	1221.65	71.32
		260	12.80	-2.76	-113.35	-2.86	-113.25	-3.23	1436.07	163.28	167.01	1432.34	68.80
219	19	258	17.47	-1.91	-322.19	-6.04	-318.05	-36.16	1056.65	65.70	112.39	1009.96	209.97
		259	13.10	13.51	-210.98	7.52	-205.00	-36.16	899.70	34.33	92.21	841.82	216.19
		261	12.69	8.01	-211.79	1.89	-205.67	-36.16	866.61	85.51	108.37	843.76	131.64
		260	17.15	-7.48	-322.93	-11.68	-318.73	-36.16	1029.36	111.08	128.54	1011.90	125.42
219	21	258	9.83	-2.91	-83.74	-2.98	-83.67	-2.39	1115.81	105.56	123.16	1098.21	132.18
		259	7.87	0.85	-52.71	0.75	-52.60	-2.39	958.26	82.81	103.84	937.23	134.05
		261	7.73	1.71	-52.60	1.61	-52.50	-2.39	941.20	105.30	108.69	937.81	53.10
		260	9.71	-2.05	-83.64	-2.12	-83.57	-2.39	1101.49	125.31	128.01	1098.79	51.23
219	24	258	9.83	-2.91	-83.74	-2.98	-83.67	-2.39	1115.81	105.56	123.16	1098.21	132.18
		259	7.87	0.85	-52.71	0.75	-52.60	-2.39	958.26	82.81	103.84	937.23	134.05
		261	7.73	1.71	-52.60	1.61	-52.50	-2.39	941.20	105.30	108.69	937.81	53.10
		260	9.71	-2.05	-83.64	-2.12	-83.57	-2.39	1101.49	125.31	128.01	1098.79	51.23
220	5	260	11.01	-1.10	-99.62	-1.21	-99.51	-3.29	1225.10	135.50	141.43	1219.17	-80.14
		261	8.65	3.27	-63.69	3.11	-63.53	-3.29	1030.31	111.33	117.97	1023.68	-77.81
		263	8.79	2.41	-63.79	2.25	-63.63	-3.29	1057.63	90.78	124.01	1024.40	-176.12
		262	11.12	-1.96	-99.72	-2.07	-99.61	-3.29	1248.81	118.55	147.47	1219.90	-178.44
220	19	260	13.36	3.81	-232.24	-0.75	-227.67	-32.51	899.11	114.73	114.98	898.86	14.02
		261	9.88	15.27	-154.56	8.80	-148.09	-32.51	734.91	94.99	95.27	734.63	13.40
		263	9.63	6.67	-155.94	-0.11	-149.16	-32.51	741.82	86.29	93.67	734.44	-69.18
		262	13.15	-4.94	-233.46	-9.66	-228.74	-32.51	904.61	107.44	113.38	898.67	-68.57
220	21	260	8.33	-0.80	-73.32	-0.88	-73.24	-2.43	936.88	103.29	108.01	932.16	-62.55
		261	6.56	2.42	-46.82	2.30	-46.70	-2.43	788.59	84.87	90.15	783.31	-60.71
		263	6.67	1.78	-46.90	1.66	-46.78	-2.43	809.60	69.24	94.95	783.89	-135.55
		262	8.42	-1.44	-73.40	-1.52	-73.31	-2.43	955.14	90.40	112.81	932.73	-137.40
220	24	260	8.33	-0.80	-73.32	-0.88	-73.24	-2.43	936.88	103.29	108.01	932.16	-62.55
		261	6.56	2.42	-46.82	2.30	-46.70	-2.43	788.59	84.87	90.15	783.31	-60.71
		263	6.67	1.78	-46.90	1.66	-46.78	-2.43	809.60	69.24	94.95	783.89	-135.55
		262	8.42	-1.44	-73.40	-1.52	-73.31	-2.43	955.14	90.40	112.81	932.73	-137.40
221	5	262	7.51	0.10	-84.21	-0.19	-83.92	-4.95	768.45	-54.80	77.43	636.23	-302.28
		263	5.96	3.94	-53.54	3.51	-53.11	-4.95	662.77	-86.53	62.70	513.54	-299.25
		265	6.34	2.02	-53.78	1.58	-53.34	-4.95	716.25	-131.21	70.56	514.48	-360.95
		264	7.81	-1.82	-84.45	-2.12	-84.15	-4.95	817.98	-95.52	85.29	637.17	-363.97
221	15	262	10.89	2.66	-94.77	-0.04	-92.07	-15.98	1240.05	144.77	145.54	1239.28	-29.04
		263	8.57	8.52	-58.55	4.47	-54.49	-15.98	1061.87	121.96	124.00	1059.83	-43.76
		265	8.62	4.18	-59.36	-0.13	-55.05	-15.98	1073.42	67.59	85.77	1055.24	-134.00
		264	10.92	-1.83	-95.44	-4.64	-92.62	-15.98	1247.17	94.82	107.31	1234.69	-119.28
221	21	262	5.60	0.11	-61.74	-0.11	-61.52	-3.68	577.59	-44.97	57.85	474.76	-231.18
		263	4.46	2.93	-39.23	2.61	-38.90	-3.68	498.47	-68.63	46.84	383.00	-228.36
		265	4.75	1.50	-39.41	1.16	-39.07	-3.68	539.22	-101.19	54.16	383.88	-274.51
		264	5.83	-1.33	-61.92	-1.55	-61.69	-3.68	615.41	-74.60	65.17	475.64	-277.32
221	24	262	5.60	0.11	-61.74	-0.11	-61.52	-3.68	577.59	-44.97	57.85	474.76	-231.18
		263	4.46	2.93	-39.23	2.61	-38.90	-3.68	498.47	-68.63	46.84	383.00	-228.36
		265	4.75	1.50	-39.41	1.16	-39.07	-3.68	539.22	-101.19	54.16	383.88	-274.51
		264	5.83	-1.33	-61.92	-1.55	-61.69	-3.68	615.41	-74.60	65.17	475.64	-277.32
222	9	264	6.18	0.85	-62.25	0.29	-61.69	-5.92	174.41	-587.08	-34.60	-378.07	-339.81
		265	5.48	3.74	-40.47	2.94	-39.66	-5.92	182.25	-552.18	-30.02	-339.91	-332.93
		267	5.32	0.49	-40.92	-0.38	-40.06	-5.92	178.51	-528.42	-12.14	-337.76	-313.74
		266	6.03	-2.43	-62.67	-3.02	-62.08	-5.92	171.17	-563.82	-16.72	-375.93	-320.62
222	13	264	11.58	2.36	-65.71	0.28	-63.62	-11.73	-70.91	-1437.10	-124.37	-1383.64	-264.91

		265	10.39	3.64	-57.44	1.30	-55.10	-11.73	-48.12	-1286.39	-105.78	-1228.74	-260.89
		267	10.16	6.63	-56.97	4.39	-54.73	-11.73	-66.50	-1256.33	-95.35	-1227.49	-183.00
		266	11.37	5.37	-65.26	3.37	-63.25	-11.73	-86.94	-1409.39	-113.93	-1382.39	-187.02
222	21	264	4.72	0.65	-47.39	0.22	-46.95	-4.55	135.82	-448.33	-26.26	-286.25	-261.55
		265	4.19	2.88	-30.64	2.25	-30.01	-4.55	141.87	-421.76	-22.76	-257.13	-256.29
		267	4.06	0.46	-30.98	-0.22	-30.31	-4.55	138.93	-403.54	-9.12	-255.49	-241.65
		266	4.61	-1.79	-47.70	-2.25	-47.25	-4.55	133.26	-430.50	-12.62	-284.61	-246.90
222	24	264	4.72	0.65	-47.39	0.22	-46.95	-4.55	135.82	-448.33	-26.26	-286.25	-261.55
		265	4.19	2.88	-30.64	2.25	-30.01	-4.55	141.87	-421.76	-22.76	-257.13	-256.29
		267	4.06	0.46	-30.98	-0.22	-30.31	-4.55	138.93	-403.54	-9.12	-255.49	-241.65
		266	4.61	-1.79	-47.70	-2.25	-47.25	-4.55	133.26	-430.50	-12.62	-284.61	-246.90
223	6	12	8.66	12.38	-101.98	6.90	-96.51	-24.42	705.87	-228.99	74.89	401.99	437.89
		17	7.15	23.78	-47.06	14.01	-37.30	-24.42	599.73	-308.05	55.05	236.63	444.72
		268	6.17	-12.39	-62.41	-31.99	-42.82	-24.42	526.75	-215.19	72.80	238.76	361.57
		257	7.71	-30.73	-110.39	-39.09	-102.03	-24.42	635.80	-139.03	92.65	404.12	354.73
223	17	12	16.51	8.87	-160.23	4.64	-156.01	-26.38	1661.45	-110.58	206.19	1344.68	678.96
		17	12.77	23.04	-74.79	15.32	-67.07	-26.38	1381.15	-222.95	164.11	994.09	686.34
		268	11.01	-22.27	-86.87	-35.92	-73.22	-26.38	1242.09	-62.40	183.30	996.39	510.05
		257	15.03	-40.86	-167.89	-46.60	-162.16	-26.38	1539.28	33.07	225.37	1346.98	502.66
223	21	12	5.32	8.37	-33.14	8.30	-33.07	1.72	135.07	-578.89	-17.38	-426.44	292.58
		17	4.46	11.53	-7.55	11.38	-7.39	1.72	190.49	-503.03	-3.31	-309.22	311.20
		268	4.96	-8.53	-12.01	-10.52	-10.02	1.72	279.93	-538.29	45.06	-303.42	370.15
		257	5.69	-13.47	-35.83	-13.60	-35.70	1.72	222.99	-612.63	31.00	-420.64	351.52
223	24	12	5.32	8.37	-33.14	8.30	-33.07	1.72	135.07	-578.89	-17.38	-426.44	292.58
		17	4.46	11.53	-7.55	11.38	-7.39	1.72	190.49	-503.03	-3.31	-309.22	311.20
		268	4.96	-8.53	-12.01	-10.52	-10.02	1.72	279.93	-538.29	45.06	-303.42	370.15
		257	5.69	-13.47	-35.83	-13.60	-35.70	1.72	222.99	-612.63	31.00	-420.64	351.52
224	6	257	10.96	-26.84	-171.15	-45.18	-152.80	-48.07	841.74	-29.00	126.50	686.24	333.50
		268	8.12	6.16	-91.92	-33.16	-52.61	-48.07	691.36	-110.42	101.67	479.28	353.65
		269	7.16	24.64	-80.62	-6.56	-49.41	-48.07	619.39	20.16	153.99	485.56	249.57
		259	10.37	-2.84	-165.36	-18.59	-149.61	-48.07	780.07	91.28	178.83	692.52	229.43
224	17	257	17.81	-30.11	-271.25	-56.52	-244.84	-75.31	1412.80	57.24	214.41	1255.64	433.99
		268	12.33	17.77	-140.23	-37.35	-85.10	-75.31	1089.59	-60.75	167.14	861.70	458.49
		269	10.77	48.40	-124.24	4.27	-80.11	-75.31	962.06	138.06	230.78	869.34	260.40
		259	16.93	7.98	-262.73	-14.90	-239.85	-75.31	1316.85	224.49	278.06	1263.28	235.89
224	22	257	8.08	-19.60	-112.69	-30.22	-102.06	-29.60	688.60	-22.69	111.37	554.53	278.19
		268	6.10	1.97	-58.50	-22.11	-34.42	-29.60	575.87	-88.60	92.23	395.03	295.73
		269	5.37	14.51	-51.00	-4.22	-32.27	-29.60	521.55	16.76	137.81	400.50	215.53
		259	7.60	-3.27	-108.98	-12.34	-99.92	-29.60	640.98	75.97	156.95	560.00	197.98
224	25	257	7.98	-19.40	-106.13	-28.64	-96.89	-26.76	707.74	-24.12	116.91	566.71	288.66
		268	6.08	0.71	-54.03	-20.90	-32.41	-26.76	595.57	-91.61	97.66	406.30	306.98
		269	5.34	12.73	-46.98	-3.88	-30.37	-26.76	541.34	15.94	145.26	412.01	226.32
		259	7.49	-3.76	-102.71	-11.62	-94.85	-26.76	659.77	77.16	164.51	572.42	207.99
225	5	259	10.19	-7.36	-72.75	-7.69	-72.43	-4.58	1307.10	273.99	336.11	1244.98	245.61
		269	6.93	-2.05	-32.15	-2.77	-31.43	-4.58	974.23	201.86	292.72	883.37	248.85
		270	6.28	4.80	-31.19	4.20	-30.60	-4.58	891.98	293.54	301.14	884.38	67.01
		261	9.79	-0.42	-71.89	-0.72	-71.59	-4.58	1250.48	340.04	344.53	1245.99	63.77
225	19	259	14.31	19.41	-238.14	-11.46	-207.28	-83.65	963.99	114.73	221.40	857.32	281.45
		269	10.29	53.81	-135.16	3.26	-84.61	-83.65	741.34	36.67	189.18	588.83	290.20
		270	9.07	52.66	-135.69	1.76	-84.79	-83.65	646.91	156.55	211.91	591.56	155.18
		261	13.44	18.06	-238.48	-12.96	-207.46	-83.65	893.09	211.09	244.13	860.05	146.43
225	21	259	7.74	-5.54	-53.61	-5.77	-53.38	-3.33	1002.42	212.48	259.05	955.86	186.05
		269	5.27	-1.61	-23.59	-2.13	-23.08	-3.33	747.14	157.73	225.83	679.04	188.42
		270	4.79	3.54	-22.88	3.11	-22.45	-3.33	685.12	226.64	231.99	679.78	49.22
		261	7.44	-0.31	-52.96	-0.52	-52.75	-3.33	959.75	262.05	265.21	956.59	46.85
225	24	259	7.74	-5.54	-53.61	-5.77	-53.38	-3.33	1002.42	212.48	259.05	955.86	186.05
		269	5.27	-1.61	-23.59	-2.13	-23.08	-3.33	747.14	157.73	225.83	679.04	188.42
		270	4.79	3.54	-22.88	3.11	-22.45	-3.33	685.12	226.64	231.99	679.78	49.22
		261	7.44	-0.31	-52.96	-0.52	-52.75	-3.33	959.75	262.05	265.21	956.59	46.85
226	5	261	8.28	0.98	-64.64	0.21	-63.87	-7.06	1057.90	310.89	320.78	1048.01	-85.37
		270	5.27	5.63	-31.65	4.24	-30.26	-7.06	750.30	257.10	282.05	725.34	-108.10
		271	5.92	6.48	-31.52	5.12	-30.16	-7.06	837.25	104.02	223.02	718.25	-270.36
		263	8.70	1.84	-64.53	1.08	-63.77	-7.06	1112.97	189.70	261.74	1040.93	-247.63
226	15	261	10.81	14.23	-107.95	-3.92	-89.79	-43.46	1155.89	222.57	312.07	1066.39	274.81
		270	8.02	29.21	-67.44	2.02	-40.25	-43.46	863.96	133.34	271.23	726.07	285.88
		271	6.70	28.00	-68.04	0.41	-40.44	-43.46	758.26	271.26	300.00	729.52	114.75
		263	9.88	12.83	-108.36	-5.54	-89.99	-43.46	1084.30	326.38	340.84	1069.85	103.68
226	21	261	6.27	0.73	-47.52	0.17	-46.96	-5.18	810.05	238.71	246.67	802.10	-66.95
		270	4.01	4.16	-23.21	3.14	-22.19	-5.18	576.36	197.18	217.18	556.36	-84.75
		271	4.52	4.81	-23.11	3.81	-22.11	-5.18	642.79	78.97	170.95	550.81	-208.32
		263	6.60	1.39	-47.44	0.84	-46.88	-5.18	852.24	144.74	200.43	796.55	-190.53
226	24	261	6.27	0.73	-47.52	0.17	-46.96	-5.18	810.05	238.71	246.67	802.10	-66.95
		270	4.01	4.16	-23.21	3.14	-22.19	-5.18	576.36	197.18	217.18	556.36	-84.75
		271	4.52	4.81	-23.11	3.81	-22.11	-5.18	642.79	78.97	170.95	550.81	-208.32
		263	6.60	1.39	-47.44	0.84	-46.88	-5.18	852.24	144.74	200.43	796.55	-190.53
227	5	263	6.04	4.37	-55.28	2.34	-53.25	-10.81	770.99	-40.49	200.43	530.06	-370.76
		271	5.52	9.17	-28.32	5.75	-24.89	-10.81	680.82	-152.14	178.81	349.87	-407.60

		272	6.49	6.78	-28.86	3.13	-25.21	-10.81	725.05	-303.55	83.11	338.39	-498.21
		265	6.81	1.84	-55.67	-0.27	-53.56	-10.81	817.30	-193.99	104.73	518.58	-461.37
227	17	263	8.09	27.99	-134.44	-5.95	-100.51	-66.03	466.45	-204.44	102.32	159.69	-334.22
		271	8.07	46.40	-94.32	0.32	-48.25	-66.03	441.02	-272.48	92.30	76.24	-356.66
		272	8.51	46.77	-94.11	0.84	-48.18	-66.03	450.64	-347.39	34.01	69.24	-398.63
		265	8.50	28.41	-134.28	-5.43	-100.44	-66.03	478.45	-281.73	44.03	152.70	-376.19
227	21	263	4.53	3.29	-40.51	1.78	-39.00	-7.98	582.34	-34.36	152.33	395.66	-283.33
		271	4.21	6.83	-20.73	4.28	-18.18	-7.98	516.80	-119.09	136.23	261.48	-311.72
		272	4.93	5.07	-21.12	2.35	-18.41	-7.98	548.49	-233.36	62.50	252.64	-379.19
		265	5.12	1.42	-40.80	-0.15	-39.23	-7.98	615.86	-150.46	78.60	386.81	-350.80
227	24	263	4.53	3.29	-40.51	1.78	-39.00	-7.98	582.34	-34.36	152.33	395.66	-283.33
		271	4.21	6.83	-20.73	4.28	-18.18	-7.98	516.80	-119.09	136.23	261.48	-311.72
		272	4.93	5.07	-21.12	2.35	-18.41	-7.98	548.49	-233.36	62.50	252.64	-379.19
		265	5.12	1.42	-40.80	-0.15	-39.23	-7.98	615.86	-150.46	78.60	386.81	-350.80
228	5	265	6.73	4.78	-45.04	1.19	-41.45	-12.89	319.78	-609.00	6.96	-296.19	-438.96
		272	6.39	10.01	-23.73	4.03	-17.74	-12.89	372.87	-568.94	16.94	-213.01	-456.66
		273	5.88	7.14	-24.72	0.57	-18.16	-12.89	301.73	-549.29	-29.03	-218.53	-414.83
		267	6.24	1.55	-45.69	-2.27	-41.86	-12.89	247.93	-588.64	-39.01	-301.70	-397.13
228	13	265	10.78	3.99	-62.52	-2.93	-55.60	-20.30	-87.78	-1337.89	-187.16	-1238.51	-338.18
		272	8.88	9.14	-43.73	-0.36	-34.23	-20.30	-33.19	-1110.31	-156.93	-986.57	-343.47
		273	8.12	10.51	-43.29	1.26	-34.04	-20.30	-116.74	-1042.14	-170.66	-988.22	-216.78
		267	10.16	5.47	-62.18	-1.31	-55.41	-20.30	-159.51	-1281.54	-200.90	-1240.15	-211.49
228	21	265	5.17	3.64	-32.87	0.94	-30.17	-9.55	230.09	-482.61	1.68	-254.19	-332.59
		272	4.87	7.49	-17.36	3.02	-12.88	-9.55	273.00	-445.46	10.26	-182.72	-346.03
		273	4.44	5.30	-18.13	0.38	-13.20	-9.55	214.75	-426.31	-24.65	-186.91	-310.09
		267	4.76	1.18	-33.36	-1.70	-30.49	-9.55	171.49	-463.10	-33.23	-258.38	-296.65
228	24	265	5.17	3.64	-32.87	0.94	-30.17	-9.55	230.09	-482.61	1.68	-254.19	-332.59
		272	4.87	7.49	-17.36	3.02	-12.88	-9.55	273.00	-445.46	10.26	-182.72	-346.03
		273	4.44	5.30	-18.13	0.38	-13.20	-9.55	214.75	-426.31	-24.65	-186.91	-310.09
		267	4.76	1.18	-33.36	-1.70	-30.49	-9.55	171.49	-463.10	-33.23	-258.38	-296.65
229	5	17	6.46	18.07	-18.66	10.42	-11.01	14.92	234.30	-675.41	-43.17	-397.94	418.84
		22	6.07	26.29	-3.72	12.90	9.68	14.92	332.31	-567.12	-21.07	-213.75	439.27
		274	7.09	16.21	-17.39	-8.31	7.13	14.92	457.51	-632.88	32.00	-207.38	531.90
		268	7.37	2.81	-27.16	-10.79	-13.55	14.92	358.61	-740.28	9.90	-391.57	511.46
229	16	17	10.61	10.27	-24.78	7.37	-21.88	-9.66	-172.49	-1562.57	-196.43	-1538.62	180.86
		22	7.68	11.04	-21.24	7.83	-18.03	-9.66	-110.58	-1120.81	-142.47	-1088.92	176.64
		274	8.35	-11.67	-31.00	-21.16	-21.51	-9.66	-4.08	-1239.59	-153.43	-1090.24	402.77
		268	11.03	-13.65	-33.33	-21.63	-25.36	-9.66	-92.93	-1654.41	-207.40	-1539.94	406.99
229	21	17	4.91	13.75	-13.54	8.01	-7.80	11.12	173.33	-519.46	-33.30	-312.82	316.95
		22	4.60	19.93	-2.42	9.87	7.65	11.12	249.57	-434.29	-16.01	-168.71	333.30
		274	5.40	12.32	-13.00	-6.38	5.70	11.12	348.17	-485.32	26.46	-163.61	405.77
		268	5.62	2.16	-20.14	-8.23	-9.75	11.12	271.14	-569.69	9.17	-307.73	389.42
229	24	17	4.91	13.75	-13.54	8.01	-7.80	11.12	173.33	-519.46	-33.30	-312.82	316.95
		22	4.60	19.93	-2.42	9.87	7.65	11.12	249.57	-434.29	-16.01	-168.71	333.30
		274	5.40	12.32	-13.00	-6.38	5.70	11.12	348.17	-485.32	26.46	-163.61	405.77
		268	5.62	2.16	-20.14	-8.23	-9.75	11.12	271.14	-569.69	9.17	-307.73	389.42
230	5	268	7.66	-5.51	-28.36	-11.81	-22.05	10.22	990.94	-214.44	133.99	642.51	546.43
		274	7.43	7.35	-15.42	-9.05	0.98	10.22	814.96	-334.92	102.23	377.82	558.18
		275	5.96	11.26	-9.29	-0.08	2.06	10.22	700.01	-185.78	132.76	381.48	425.08
		269	6.26	1.75	-25.57	-2.85	-20.98	10.22	883.71	-73.02	164.52	646.17	413.33
230	19	268	13.21	56.03	-126.61	16.19	-86.78	-75.43	967.65	-347.09	50.89	569.67	604.02
		274	11.40	102.40	-48.54	29.53	24.34	-75.43	775.08	-453.09	18.90	303.09	597.42
		275	9.80	88.63	-63.19	4.15	21.29	-75.43	638.32	-335.54	1.74	301.04	463.37
		269	11.76	36.02	-135.03	-9.18	-89.82	-75.43	841.17	-239.82	33.73	567.62	469.97
230	21	268	5.85	-3.96	-21.08	-8.99	-16.05	7.80	757.70	-160.36	105.16	492.19	416.25
		274	5.67	5.62	-11.80	-6.97	0.79	7.80	623.91	-253.35	80.86	289.71	426.02
		275	4.55	8.59	-7.11	-0.13	1.61	7.80	536.85	-137.84	106.25	292.75	324.20
		269	4.78	1.49	-18.87	-2.15	-15.23	7.80	676.37	-50.58	130.55	495.24	314.42
230	24	268	5.85	-3.96	-21.08	-8.99	-16.05	7.80	757.70	-160.36	105.16	492.19	416.25
		274	5.67	5.62	-11.80	-6.97	0.79	7.80	623.91	-253.35	80.86	289.71	426.02
		275	4.55	8.59	-7.11	-0.13	1.61	7.80	536.85	-137.84	106.25	292.75	324.20
		269	4.78	1.49	-18.87	-2.15	-15.23	7.80	676.37	-50.58	130.55	495.24	314.42
231	5	269	6.90	-4.12	-31.60	-4.12	-31.60	0.29	953.68	109.06	191.52	871.22	250.70
		275	3.97	1.91	-0.15	-0.11	1.87	0.29	596.62	20.03	143.73	472.92	236.69
		276	2.89	8.15	2.84	8.13	2.86	0.29	472.19	103.71	107.34	468.55	36.40
		270	6.42	4.12	-30.61	4.12	-30.61	0.29	870.41	151.59	155.14	866.86	50.41
231	15	269	11.38	26.97	-96.47	-11.34	-58.16	-57.11	981.60	-276.67	109.99	594.94	580.53
		275	10.46	56.42	-57.98	-4.06	2.50	-57.11	828.95	-407.77	79.59	341.60	604.32
		276	9.01	58.02	-56.26	-1.10	2.85	-57.11	733.29	-242.90	141.38	349.01	476.93
		270	10.08	29.13	-95.31	-8.38	-57.80	-57.11	888.75	-114.61	171.78	602.36	453.14
231	21	269	5.25	-3.10	-23.20	-3.11	-23.19	0.39	732.39	89.27	151.53	670.12	190.18
		275	3.04	1.53	-0.24	-0.15	1.44	0.39	458.10	20.83	114.81	364.12	179.62
		276	2.22	6.10	2.15	6.06	2.19	0.39	363.23	84.99	87.39	360.83	25.74
		270	4.89	3.11	-22.46	3.10	-22.45	0.39	669.25	121.69	124.11	666.83	36.30
231	24	269	5.25	-3.10	-23.20	-3.11	-23.19	0.39	732.39	89.27	151.53	670.12	190.18
		275	3.04	1.53	-0.24	-0.15	1.44	0.39	458.10	20.83	114.81	364.12	179.62
		276	2.22	6.10	2.15	6.06	2.19	0.39	363.23	84.99	87.39	360.83	25.74

		270	4.89	3.11	-22.46	3.10	-22.45	0.39	669.25	121.69	124.11	666.83	36.30
232	5	270	5.49	5.35	-31.46	4.16	-30.27	-6.52	733.83	110.04	136.05	707.82	-124.70
		276	3.06	12.83	-1.00	8.22	3.61	-6.52	432.20	32.01	95.37	368.83	-146.10
		277	4.64	13.80	-0.47	9.56	3.77	-6.52	556.21	-154.25	39.80	362.16	-316.56
		271	6.29	6.65	-31.27	5.49	-30.11	-6.52	819.10	-37.47	80.47	701.15	-295.16
232	17	270	7.01	49.09	-128.76	-13.36	-66.31	-84.89	399.41	-73.85	11.63	313.94	-182.06
		276	7.04	91.22	-79.60	-3.58	15.19	-84.89	261.94	-112.22	-7.21	156.94	-168.11
		277	7.91	90.88	-80.01	-4.25	15.11	-84.89	350.91	-160.60	29.03	161.29	-247.06
		271	7.92	48.63	-129.05	-14.03	-66.39	-84.89	477.03	-110.88	47.87	318.28	-261.01
232	21	270	4.17	3.98	-23.04	3.13	-22.19	-4.71	564.38	88.33	109.30	543.41	-97.67
		276	2.36	9.46	-0.52	6.13	2.82	-4.71	335.08	27.03	78.16	283.95	-114.62
		277	3.57	10.17	-0.13	7.11	2.93	-4.71	430.30	-117.47	34.16	278.67	-245.09
		271	4.80	4.93	-22.89	4.11	-22.07	-4.71	630.26	-26.84	65.29	538.13	-228.15
232	24	270	4.17	3.98	-23.04	3.13	-22.19	-4.71	564.38	88.33	109.30	543.41	-97.67
		276	2.36	9.46	-0.52	6.13	2.82	-4.71	335.08	27.03	78.16	283.95	-114.62
		277	3.57	10.17	-0.13	7.11	2.93	-4.71	430.30	-117.47	34.16	278.67	-245.09
		271	4.80	4.93	-22.89	4.11	-22.07	-4.71	630.26	-26.84	65.29	538.13	-228.15
233	5	271	5.80	10.09	-28.81	6.13	-24.85	-11.77	641.63	-272.59	36.27	332.77	-432.41
		277	5.93	18.67	-5.63	9.53	3.51	-11.77	552.41	-351.90	18.21	182.30	-444.65
		278	6.80	16.51	-7.23	6.17	3.11	-11.77	611.55	-446.66	-13.59	178.48	-520.32
		272	6.67	7.06	-29.54	2.77	-25.25	-11.77	700.06	-366.64	4.46	328.95	-508.07
233	17	271	8.47	48.93	-110.68	-12.03	-49.73	-77.55	383.15	-298.12	17.75	67.29	-339.73
		277	7.97	74.14	-81.04	-6.15	-0.75	-77.55	278.75	-328.46	3.31	-53.02	-302.29
		278	8.70	75.62	-79.50	-3.46	-0.43	-77.55	399.26	-340.06	100.55	-41.35	-362.79
		272	9.21	50.72	-109.46	-9.34	-49.41	-77.55	497.61	-303.66	114.99	78.96	-400.23
233	21	271	4.42	7.47	-21.03	4.58	-18.14	-8.59	488.72	-209.34	30.57	248.80	-331.54
		277	4.54	13.79	-3.94	7.09	2.76	-8.59	425.08	-269.84	17.27	137.96	-342.18
		278	5.18	12.20	-5.12	4.61	2.46	-8.59	466.61	-342.33	-10.36	134.64	-397.92
		272	5.06	5.22	-21.56	2.10	-18.44	-8.59	530.04	-281.61	2.94	245.49	-387.28
233	24	271	4.42	7.47	-21.03	4.58	-18.14	-8.59	488.72	-209.34	30.57	248.80	-331.54
		277	4.54	13.79	-3.94	7.09	2.76	-8.59	425.08	-269.84	17.27	137.96	-342.18
		278	5.18	12.20	-5.12	4.61	2.46	-8.59	466.61	-342.33	-10.36	134.64	-397.92
		272	5.06	5.22	-21.56	2.10	-18.44	-8.59	530.04	-281.61	2.94	245.49	-387.28
234	5	272	6.56	11.50	-25.63	3.66	-17.79	-15.16	331.31	-615.47	-61.71	-222.45	-466.52
		278	6.26	20.17	-10.25	6.24	3.68	-15.16	398.62	-532.48	-45.60	-88.26	-465.06
		279	5.48	16.64	-13.83	-0.11	2.92	-15.16	333.43	-463.06	-41.82	-87.80	-397.58
		273	5.80	6.49	-27.72	-2.69	-18.55	-15.16	267.42	-547.34	-57.93	-221.99	-399.04
234	15	272	8.17	52.27	-54.18	1.21	-3.12	-53.18	944.29	132.16	299.35	777.09	-328.38
		278	8.50	64.97	-42.43	3.83	18.70	-53.18	884.18	63.97	285.61	662.54	-364.23
		279	9.08	68.97	-37.70	11.63	19.64	-53.18	902.12	-58.27	192.48	651.37	-421.83
		273	8.74	56.89	-50.06	9.01	-2.18	-53.18	962.82	9.32	206.22	765.91	-385.98
234	21	272	4.99	8.51	-18.66	2.77	-12.92	-11.09	241.44	-480.62	-49.31	-189.87	-354.12
		278	4.74	14.89	-7.37	4.66	2.86	-11.09	296.49	-411.81	-36.04	-79.28	-353.49
		279	4.10	12.26	-10.05	-0.09	2.29	-11.09	241.98	-355.47	-34.40	-79.09	-297.89
		273	4.37	4.76	-20.23	-1.98	-13.48	-11.09	188.17	-425.51	-47.67	-189.67	-298.51
234	24	272	4.99	8.51	-18.66	2.77	-12.92	-11.09	241.44	-480.62	-49.31	-189.87	-354.12
		278	4.74	14.89	-7.37	4.66	2.86	-11.09	296.49	-411.81	-36.04	-79.28	-353.49
		279	4.10	12.26	-10.05	-0.09	2.29	-11.09	241.98	-355.47	-34.40	-79.09	-297.89
		273	4.37	4.76	-20.23	-1.98	-13.48	-11.09	188.17	-425.51	-47.67	-189.67	-298.51
235	5	22	6.14	29.85	-14.14	6.77	8.94	21.97	258.30	-579.21	-97.94	-222.97	414.06
		27	5.24	16.67	-32.86	3.35	-19.54	21.97	164.30	-474.61	-96.80	-213.51	314.08
		280	5.52	10.36	-36.17	-5.24	-20.57	21.97	23.12	-624.28	-356.49	-244.67	318.84
		274	6.46	25.54	-19.45	-1.82	7.91	21.97	116.12	-727.88	-357.62	-254.13	418.82
235	17	22	10.09	33.82	-67.34	-12.65	-20.86	-50.41	975.60	-260.14	-45.62	761.08	468.05
		27	14.38	305.17	16.30	25.38	296.08	-50.41	788.69	-127.42	-51.43	712.70	252.67
		280	14.97	315.45	80.63	92.00	304.08	-50.41	685.78	-651.08	-610.87	645.57	228.34
		274	12.39	81.04	-39.93	53.97	-12.87	-50.41	831.05	-742.16	-605.06	693.95	443.73
235	21	22	4.67	22.97	-10.56	5.31	7.10	16.74	193.77	-443.98	-74.49	-175.73	314.83
		27	4.02	12.47	-25.72	2.56	-15.81	16.74	125.18	-363.44	-73.21	-165.06	239.95
		280	4.24	7.38	-28.30	-4.28	-16.63	16.74	20.46	-476.55	-267.69	-188.39	245.32
		274	4.93	19.56	-14.81	-1.53	6.28	16.74	88.08	-556.12	-268.97	-199.07	320.20
235	24	22	4.67	22.97	-10.56	5.31	7.10	16.74	193.77	-443.98	-74.49	-175.73	314.83
		27	4.02	12.47	-25.72	2.56	-15.81	16.74	125.18	-363.44	-73.21	-165.06	239.95
		280	4.24	7.38	-28.30	-4.28	-16.63	16.74	20.46	-476.55	-267.69	-188.39	245.32
		274	4.93	19.56	-14.81	-1.53	6.28	16.74	88.08	-556.12	-268.97	-199.07	320.20
236	5	274	6.98	13.19	-13.99	-2.56	1.76	13.42	563.81	-520.15	-287.40	331.06	445.11
		280	5.64	28.50	-6.40	-0.11	22.20	13.42	328.81	-473.65	-307.60	162.76	325.08
		281	6.01	31.27	0.76	8.75	23.27	13.42	196.23	-690.24	-619.35	125.34	240.45
		275	7.12	18.09	-8.97	6.30	2.82	13.42	421.02	-726.52	-599.15	293.65	360.47
236	19	274	11.97	126.19	-40.82	57.66	27.71	-82.15	446.16	-812.79	-595.94	229.31	475.37
		280	11.76	235.00	34.57	77.39	192.18	-82.15	304.85	-832.99	-613.25	85.11	449.16
		281	10.55	217.58	-19.58	13.49	184.52	-82.15	232.23	-836.61	-681.32	76.94	376.65
		275	10.49	90.09	-76.30	-6.25	20.05	-82.15	377.04	-819.91	-664.02	221.14	402.86
236	21	274	5.33	10.08	-10.82	-2.12	1.37	10.30	433.19	-393.51	-214.57	254.25	340.45
		280	4.30	21.01	-5.33	-0.36	16.05	10.30	253.62	-359.17	-230.13	124.58	249.85
		281	4.55	23.22	0.15	6.50	16.87	10.30	151.59	-520.72	-465.47	96.34	184.64
		275	5.41	13.85	-6.91	4.74	2.20	10.30	323.92	-547.81	-449.91	226.01	275.24

236	24	274	5.33	10.08	-10.82	-2.12	1.37	10.30	433.19	-393.51	-214.57	254.25	340.45
		280	4.30	21.01	-5.33	-0.36	16.05	10.30	253.62	-359.17	-230.13	124.58	249.85
		281	4.55	23.22	0.15	6.50	16.87	10.30	151.59	-520.72	-465.47	96.34	184.64
		275	5.41	13.85	-6.91	4.74	2.20	10.30	323.92	-547.81	-449.91	226.01	275.24
237	5	275	6.07	7.77	1.14	6.28	2.63	2.77	414.62	-617.71	-588.18	385.09	172.08
		281	5.46	41.95	10.72	10.97	41.70	2.77	135.53	-645.14	-621.02	111.41	135.08
		282	5.67	42.20	12.62	12.88	41.93	2.77	99.89	-717.13	-717.12	99.88	-2.54
		276	6.38	9.37	1.69	8.20	2.86	2.77	374.68	-685.40	-684.28	373.56	34.46
237	19	275	8.88	93.62	-69.76	-5.17	29.03	-79.88	290.76	-736.74	-664.35	218.37	262.94
		281	9.58	169.16	-32.41	6.93	129.83	-79.88	177.86	-814.88	-684.82	47.80	334.97
		282	8.30	166.90	-38.95	-0.93	128.89	-79.88	164.08	-591.58	-497.75	70.25	249.19
		276	7.36	90.01	-74.95	-13.03	28.09	-79.88	282.15	-518.61	-477.28	240.82	177.17
237	21	275	4.59	6.01	0.73	4.72	2.03	2.27	319.81	-463.78	-441.35	297.38	130.66
		281	4.12	31.23	7.97	8.20	31.01	2.27	105.25	-485.20	-466.63	86.68	103.04
		282	4.27	31.41	9.37	9.61	31.18	2.27	78.09	-538.39	-538.38	78.07	-2.91
		276	4.83	7.17	1.16	6.13	2.20	2.27	289.53	-513.86	-513.10	288.77	24.71
237	24	275	4.59	6.01	0.73	4.72	2.03	2.27	319.81	-463.78	-441.35	297.38	130.66
		281	4.12	31.23	7.97	8.20	31.01	2.27	105.25	-485.20	-466.63	86.68	103.04
		282	4.27	31.41	9.37	9.61	31.18	2.27	78.09	-538.39	-538.38	78.07	-2.91
		276	4.83	7.17	1.16	6.13	2.20	2.27	289.53	-513.86	-513.10	288.77	24.71
238	5	276	6.16	9.42	2.49	8.29	3.62	-2.56	295.92	-718.34	-696.25	273.84	-148.04
		282	5.74	43.82	12.87	13.09	43.61	-2.56	80.25	-735.66	-721.21	65.81	-107.59
		283	5.57	43.97	14.05	14.27	43.75	-2.56	138.11	-675.85	-616.15	78.42	-212.20
		277	6.05	10.45	2.78	9.47	3.76	-2.56	353.98	-658.72	-591.19	286.44	-252.64
238	18	276	5.96	55.25	-62.32	9.20	-16.27	57.39	233.18	-228.69	-125.50	129.99	-192.39
		282	6.26	48.92	-72.00	7.48	-30.57	57.39	187.89	-292.04	-137.14	32.99	-224.38
		283	6.97	50.79	-70.89	10.15	-30.25	57.39	200.40	-397.62	-220.24	23.02	-273.16
		277	6.67	57.00	-61.09	11.86	-15.95	57.39	247.53	-336.11	-208.60	120.02	-241.16
238	21	276	4.66	6.90	2.13	6.20	2.82	-1.69	229.68	-540.11	-522.32	211.89	-115.65
		282	4.32	32.61	9.64	9.76	32.49	-1.69	63.25	-553.35	-541.57	51.48	-84.39
		283	4.21	32.71	10.45	10.58	32.58	-1.69	109.06	-508.22	-460.38	61.22	-165.05
		277	4.59	7.62	2.32	7.02	2.92	-1.69	275.42	-494.91	-441.13	221.63	-196.31
238	24	276	4.66	6.90	2.13	6.20	2.82	-1.69	229.68	-540.11	-522.32	211.89	-115.65
		282	4.32	32.61	9.64	9.76	32.49	-1.69	63.25	-553.35	-541.57	51.48	-84.39
		283	4.21	32.71	10.45	10.58	32.58	-1.69	109.06	-508.22	-460.38	61.22	-165.05
		277	4.59	7.62	2.32	7.02	2.92	-1.69	275.42	-494.91	-441.13	221.63	-196.31
239	5	277	6.39	13.64	-0.70	9.44	3.50	-6.53	270.67	-776.86	-612.77	106.58	-380.74
		283	5.73	39.56	11.93	13.57	37.92	-6.53	121.92	-716.14	-622.20	27.98	-264.39
		284	4.91	39.00	8.75	10.24	37.52	-6.53	231.67	-487.43	-320.00	64.24	-303.91
		278	5.82	11.30	-2.09	6.10	3.10	-6.53	393.65	-561.37	-310.57	142.84	-420.26
239	19	277	6.44	74.41	-82.40	-12.76	4.77	-77.92	96.00	-337.73	-306.26	64.54	-112.50
		283	5.41	99.58	-64.50	-8.15	43.22	-77.92	-142.09	-332.09	-331.17	-143.01	-13.19
		284	5.96	101.78	-60.94	-2.99	43.84	-77.92	26.52	-211.78	-73.21	-112.06	-117.56
		278	7.11	77.08	-79.30	-7.61	5.39	-77.92	252.07	-204.89	-48.30	95.49	-216.87
239	21	277	4.84	9.90	-0.16	7.00	2.75	-4.56	209.82	-586.92	-458.02	80.92	-293.40
		283	4.34	29.27	8.97	10.05	28.19	-4.56	98.34	-540.15	-464.95	23.13	-205.81
		284	3.73	28.87	6.60	7.57	27.89	-4.56	181.96	-368.98	-237.45	50.44	-234.87
		278	4.42	8.16	-1.19	4.52	2.45	-4.56	303.09	-425.38	-230.51	108.22	-322.46
239	24	277	4.84	9.90	-0.16	7.00	2.75	-4.56	209.82	-586.92	-458.02	80.92	-293.40
		283	4.34	29.27	8.97	10.05	28.19	-4.56	98.34	-540.15	-464.95	23.13	-205.81
		284	3.73	28.87	6.60	7.57	27.89	-4.56	181.96	-368.98	-237.45	50.44	-234.87
		278	4.42	8.16	-1.19	4.52	2.45	-4.56	303.09	-425.38	-230.51	108.22	-322.46
240	6	278	4.55	28.58	-38.47	-3.15	-6.74	-33.47	220.87	-232.93	-17.26	5.20	-226.62
		284	4.09	35.32	-31.97	-1.73	5.09	-33.47	196.18	-175.90	-13.79	34.08	-184.49
		285	3.93	34.97	-32.38	-2.41	5.00	-33.47	243.10	-100.27	95.63	47.21	-169.97
		279	4.42	28.18	-38.83	-3.83	-6.82	-33.47	270.53	-160.04	92.16	18.33	-212.10
240	15	278	8.48	66.49	-47.51	0.66	18.32	-56.31	713.04	-248.39	-146.09	610.74	-296.46
		284	7.50	75.41	-41.08	2.30	32.03	-56.31	563.20	-214.58	-158.52	507.14	-201.13
		285	7.56	74.82	-41.97	0.99	31.87	-56.31	650.98	-25.04	89.08	536.86	-253.23
		279	8.60	65.85	-48.34	-0.66	18.16	-56.31	811.56	-69.59	101.52	640.45	-348.55
240	22	278	3.50	19.03	-23.45	-1.03	-3.40	-21.21	151.07	-240.31	-60.99	-28.25	-195.00
		284	3.06	24.55	-18.29	0.12	6.14	-21.21	136.17	-179.70	-56.09	12.57	-154.16
		285	2.79	24.03	-18.94	-0.92	6.01	-21.21	171.85	-96.57	49.98	25.30	-133.64
		279	3.26	18.42	-24.01	-2.07	-3.52	-21.21	191.88	-162.31	45.09	-15.52	-174.48
240	25	278	3.53	18.13	-21.24	-0.40	-2.70	-19.65	145.74	-265.28	-82.68	-36.85	-204.23
		284	3.05	23.98	-15.86	0.80	7.32	-19.65	130.64	-198.63	-77.16	9.16	-158.88
		285	2.72	23.30	-16.76	-0.61	7.15	-19.65	167.98	-104.05	40.63	23.30	-135.74
		279	3.25	17.31	-22.00	-1.82	-2.87	-19.65	189.58	-177.19	35.11	-22.72	-181.09
241	8	250	8.72	104.54	21.00	21.27	104.27	4.76	765.27	-181.28	-159.94	743.93	-140.51
		286	7.95	31.23	11.16	12.36	30.02	4.76	1008.84	-133.62	-128.74	1003.96	-74.52
		96	7.80	28.04	-9.81	-9.20	27.44	4.76	1029.55	47.07	51.08	1025.54	62.67
		30	8.44	101.90	-0.51	-0.29	101.68	4.76	765.52	19.87	19.88	765.51	-3.32
241	19	250	23.00	301.70	71.70	71.75	301.65	3.44	1848.65	-537.59	-537.24	1848.30	-29.03
		286	18.35	92.16	46.33	46.59	91.90	3.44	2139.46	-514.25	-503.58	2128.79	167.91
		96	18.16	83.13	-27.57	-27.46	83.02	3.44	2238.44	-12.13	33.11	2193.19	315.89
		30	22.60	292.80	-2.33	-2.29	292.76	3.44	1920.07	-7.91	-0.55	1912.70	118.95
241	22	250	5.02	57.05	17.38	18.27	56.16	5.86	384.29	-282.07	-251.80	354.01	-138.78

		286	5.04	18.57	6.82	13.01	12.37	5.86	605.51	-225.85	-222.07	601.73	-55.94
		96	4.84	11.02	-12.73	-11.18	9.47	5.86	637.62	-5.16	3.65	628.81	74.74
		30	4.52	53.84	-6.50	-5.93	53.26	5.86	381.26	-26.23	-26.07	381.10	-8.09
241	25	250	4.45	49.49	16.64	17.81	48.32	6.08	321.97	-300.74	-268.45	289.68	-138.07
		286	4.72	17.67	4.98	13.15	9.49	6.08	539.38	-242.39	-238.91	535.90	-52.03
		96	4.38	8.38	-13.43	-11.58	6.53	6.08	574.50	-14.93	-4.46	564.03	77.86
		30	3.89	46.05	-7.62	-6.92	45.35	6.08	318.01	-34.19	-34.00	317.82	-8.17
242	5	251	7.34	48.94	26.87	47.85	27.96	4.77	16.01	-911.86	-891.75	-4.09	-135.09
		287	7.35	43.72	-10.44	43.29	-10.02	4.77	-81.18	-901.21	-901.03	-81.37	12.20
		286	4.12	19.86	-13.61	19.16	-12.92	4.77	-31.46	-501.39	-499.64	-33.20	-28.57
		250	4.46	29.21	19.57	23.72	25.06	4.77	96.75	-543.05	-490.37	44.08	-175.86
242	19	251	10.79	211.95	48.98	49.47	211.46	8.90	119.78	-1032.62	-938.65	25.81	-315.38
		287	9.47	102.42	35.05	36.24	101.22	8.90	410.15	-944.91	-898.14	363.39	-247.35
		286	8.05	104.03	46.46	47.87	102.62	8.90	389.98	-717.11	-712.76	385.64	-69.25
		250	9.34	213.38	60.58	61.10	212.86	8.90	70.92	-776.13	-753.27	48.05	-137.27
242	21	251	5.58	37.31	19.70	36.54	20.48	3.61	11.71	-690.72	-674.71	-4.30	-104.83
		287	5.57	33.43	-8.40	33.11	-8.08	3.61	-65.07	-682.08	-682.01	-65.14	6.67
		286	3.13	15.12	-10.82	14.61	-10.30	3.61	-26.84	-379.98	-378.14	-28.68	-25.43
		250	3.40	21.75	14.54	18.04	18.25	3.61	74.29	-412.96	-370.84	32.17	-136.94
242	24	251	5.58	37.31	19.70	36.54	20.48	3.61	11.71	-690.72	-674.71	-4.30	-104.83
		287	5.57	33.43	-8.40	33.11	-8.08	3.61	-65.07	-682.08	-682.01	-65.14	6.67
		286	3.13	15.12	-10.82	14.61	-10.30	3.61	-26.84	-379.98	-378.14	-28.68	-25.43
		250	3.40	21.75	14.54	18.04	18.25	3.61	74.29	-412.96	-370.84	32.17	-136.94
243	5	252	7.44	49.61	45.37	48.74	46.24	-1.71	-70.69	-992.06	-991.83	-70.92	-14.57
		288	7.78	43.14	-1.05	43.08	-0.98	-1.71	-99.22	-995.71	-995.27	-99.66	19.70
		287	7.23	44.46	-0.89	44.39	-0.83	-1.71	-88.42	-901.90	-901.88	-88.45	4.54
		251	6.90	50.73	45.72	50.06	46.40	-1.71	-58.66	-899.48	-898.43	-59.71	-29.73
243	17	252	8.38	149.13	19.60	35.47	133.25	42.48	165.12	-897.04	-786.15	54.24	-324.78
		288	8.66	108.65	6.90	29.77	85.77	42.48	61.16	-958.68	-803.90	-93.63	-365.91
		287	9.81	109.53	9.09	32.52	86.10	42.48	89.01	-1112.09	-916.00	-107.08	-443.92
		251	9.50	149.76	22.04	38.22	133.58	42.48	189.88	-1047.35	-898.26	40.79	-402.79
243	21	252	5.63	37.82	33.85	37.19	34.49	-1.46	-55.51	-749.40	-749.23	-55.69	-10.95
		288	5.89	32.96	-1.29	32.90	-1.23	-1.46	-78.66	-752.33	-752.02	-78.97	14.50
		287	5.48	34.01	-1.16	33.95	-1.10	-1.46	-70.64	-682.68	-682.67	-70.65	2.22
		251	5.23	38.75	34.10	38.24	34.61	-1.46	-46.51	-680.73	-679.87	-47.36	-23.23
243	24	252	5.63	37.82	33.85	37.19	34.49	-1.46	-55.51	-749.40	-749.23	-55.69	-10.95
		288	5.89	32.96	-1.29	32.90	-1.23	-1.46	-78.66	-752.33	-752.02	-78.97	14.50
		287	5.48	34.01	-1.16	33.95	-1.10	-1.46	-70.64	-682.68	-682.67	-70.65	2.22
		251	5.23	38.75	34.10	38.24	34.61	-1.46	-46.51	-680.73	-679.87	-47.36	-23.23
244	5	253	6.14	47.77	35.36	36.69	46.44	-3.84	-24.89	-830.42	-817.16	-38.14	102.49
		289	6.31	32.07	3.11	31.55	3.63	-3.84	-58.92	-821.88	-819.89	-60.91	38.92
		288	7.77	44.19	4.72	43.81	5.10	-3.84	-80.90	-993.91	-993.12	-81.70	26.91
		252	7.55	52.31	44.55	48.95	47.91	-3.84	-50.22	-999.10	-990.39	-58.93	90.48
244	17	253	6.05	110.81	1.54	24.58	87.77	44.57	1.57	-630.08	-589.82	-38.68	-154.29
		289	6.72	93.82	-5.67	21.99	66.17	44.57	-53.80	-700.90	-603.34	-151.36	-231.54
		288	8.09	95.88	-1.55	27.50	66.83	44.57	-63.74	-926.73	-813.86	-176.62	-290.99
		252	7.46	112.53	5.99	30.09	88.43	44.57	-6.40	-857.88	-800.33	-63.94	-213.74
244	21	253	4.63	35.93	26.55	27.82	34.65	-3.21	-19.47	-624.89	-613.91	-30.44	80.76
		289	4.75	24.41	1.83	23.94	2.30	-3.21	-48.10	-617.99	-616.24	-49.85	31.51
		288	5.88	33.80	3.10	33.46	3.44	-3.21	-65.29	-751.12	-750.46	-65.95	21.27
		252	5.72	39.88	33.26	37.34	35.80	-3.21	-39.53	-755.15	-748.13	-46.55	70.53
244	24	253	4.63	35.93	26.55	27.82	34.65	-3.21	-19.47	-624.89	-613.91	-30.44	80.76
		289	4.75	24.41	1.83	23.94	2.30	-3.21	-48.10	-617.99	-616.24	-49.85	31.51
		288	5.88	33.80	3.10	33.46	3.44	-3.21	-65.29	-751.12	-750.46	-65.95	21.27
		252	5.72	39.88	33.26	37.34	35.80	-3.21	-39.53	-755.15	-748.13	-46.55	70.53
245	5	254	3.60	39.01	13.20	14.22	38.00	-5.02	84.54	-452.87	-411.59	43.26	143.11
		290	3.29	11.92	-1.71	9.71	0.49	-5.02	65.23	-409.00	-408.96	65.19	-4.25
		289	6.47	32.35	2.24	31.49	3.10	-5.02	17.07	-810.61	-810.54	17.00	7.32
		253	6.39	43.82	32.78	35.99	40.61	-5.02	23.66	-841.76	-813.17	-4.93	154.68
245	13	254	4.91	92.82	-3.86	40.81	48.15	48.20	5.57	-473.10	-472.92	5.38	-9.48
		290	5.55	78.72	-18.93	37.68	22.11	48.20	-96.74	-510.91	-487.93	-119.72	-94.82
		289	7.00	75.37	-21.63	32.27	21.47	48.20	-105.57	-762.55	-720.49	-147.63	-160.82
		253	6.39	90.03	-7.13	35.40	47.50	48.20	-14.28	-713.72	-705.47	-22.52	-75.48
245	21	254	2.70	29.18	9.43	10.38	28.23	-4.22	65.41	-340.86	-306.14	30.68	113.59
		290	2.44	8.96	-2.05	6.98	-0.07	-4.22	45.74	-304.34	-304.33	45.73	1.73
		289	4.87	24.68	1.17	23.90	1.96	-4.22	9.30	-609.31	-609.16	9.15	9.67
		253	4.84	33.25	24.30	27.30	30.26	-4.22	17.60	-634.46	-610.97	-5.89	121.53
245	24	254	2.70	29.18	9.43	10.38	28.23	-4.22	65.41	-340.86	-306.14	30.68	113.59
		290	2.44	8.96	-2.05	6.98	-0.07	-4.22	45.74	-304.34	-304.33	45.73	1.73
		289	4.87	24.68	1.17	23.90	1.96	-4.22	9.30	-609.31	-609.16	9.15	9.67
		253	4.84	33.25	24.30	27.30	30.26	-4.22	17.60	-634.46	-610.97	-5.89	121.53
246	5	255	2.27	19.42	-36.74	-34.89	17.58	-10.00	42.07	-64.51	-60.82	38.38	-19.48
		291	3.47	-3.12	-40.62	-37.72	-6.02	-10.00	318.25	-98.87	-34.91	254.29	-150.30
		290	3.85	15.81	-6.53	9.62	-0.34	-10.00	213.70	-393.59	-391.40	211.52	-36.38
		254	3.33	29.22	6.48	12.45	23.26	-10.00	16.18	-437.88	-417.31	-4.40	94.43
246	17	255	5.86	174.12	9.21	149.23	34.10	59.04	1.36	-178.08	-2.69	-174.03	-26.64
		291	6.86	173.94	8.61	149.14	33.41	59.04	193.84	-119.02	24.26	50.56	-155.88

		290	4.59	75.95	-42.13	16.35	17.48	59.04	12.40	-332.04	-327.93	8.29	-37.39
		254	4.74	76.34	-41.74	16.43	18.17	59.04	-170.53	-400.64	-354.88	-216.29	91.85
246	21	255	1.73	14.18	-29.68	-28.13	12.63	-8.10	31.24	-45.58	-44.64	30.30	-8.44
		291	2.60	-2.57	-32.61	-30.24	-4.94	-8.10	232.45	-68.98	-25.59	189.06	-105.82
		290	2.86	12.14	-5.68	6.94	-0.48	-8.10	158.30	-292.04	-290.95	157.22	-22.06
		254	2.52	22.11	4.02	9.04	17.09	-8.10	15.86	-327.42	-310.01	-1.55	75.32
246	24	255	1.73	14.18	-29.68	-28.13	12.63	-8.10	31.24	-45.58	-44.64	30.30	-8.44
		291	2.60	-2.57	-32.61	-30.24	-4.94	-8.10	232.45	-68.98	-25.59	189.06	-105.82
		290	2.86	12.14	-5.68	6.94	-0.48	-8.10	158.30	-292.04	-290.95	157.22	-22.06
		254	2.52	22.11	4.02	9.04	17.09	-8.10	15.86	-327.42	-310.01	-1.55	75.32
247	6	286	7.55	33.65	13.72	20.89	26.47	9.57	1034.37	-43.73	-40.17	1030.82	-61.81
		292	10.45	21.34	-6.07	17.45	-2.18	9.57	1517.39	18.00	18.19	1517.20	-17.01
		97	10.29	2.20	-17.42	-9.78	-5.45	9.57	1571.94	100.16	140.26	1531.85	239.59
		96	8.08	26.03	-9.17	-6.34	23.21	9.57	1083.36	44.00	81.89	1045.47	194.80
247	17	286	17.18	113.46	27.33	39.80	100.98	30.31	2197.09	156.52	163.71	2189.90	120.97
		292	19.48	70.80	8.78	33.25	46.34	30.31	2835.08	232.56	240.22	2827.42	140.96
		97	20.88	53.24	-30.49	-17.50	40.25	30.31	2920.71	207.92	294.67	2833.96	477.30
		96	18.66	102.96	-19.01	-10.94	94.89	30.31	2297.03	117.56	218.17	2196.43	457.32
247	22	286	4.52	22.04	5.74	15.16	12.63	8.05	622.35	-64.19	-62.69	620.85	-32.07
		292	6.82	15.78	-9.41	12.87	-6.50	8.05	940.86	-24.33	-24.30	940.83	5.64
		97	6.48	-0.60	-16.72	-8.29	-9.03	8.05	986.67	44.95	78.45	953.16	174.45
		96	4.96	13.43	-9.34	-6.00	10.09	8.05	663.19	10.05	40.06	633.18	136.75
247	25	286	4.05	21.07	3.48	14.85	9.70	8.41	556.35	-76.80	-75.90	555.46	-23.80
		292	6.36	15.62	-11.37	12.68	-8.43	8.41	855.16	-40.24	-39.97	854.90	15.42
		97	6.01	-1.38	-18.35	-8.73	-11.00	8.41	903.66	30.97	66.90	867.72	173.40
		96	4.52	11.13	-10.55	-6.55	7.13	8.41	599.93	-0.68	30.97	568.28	134.18
248	6	287	4.41	33.99	22.74	25.47	31.26	4.82	196.39	-475.27	-360.08	81.21	-253.17
		293	4.55	22.82	-0.53	21.78	0.51	4.82	265.48	-395.20	-344.10	214.39	-176.49
		292	3.07	18.94	-1.20	17.71	0.02	4.82	267.49	-163.16	-135.14	239.46	-106.23
		286	2.87	32.81	19.37	21.40	30.77	4.82	201.23	-246.07	-151.12	106.28	-182.91
248	17	287	7.55	109.50	36.41	44.03	101.87	22.35	577.86	-526.18	-389.64	441.32	-363.46
		293	8.04	63.77	18.41	37.21	44.98	22.35	922.50	-381.23	-337.19	878.45	-235.55
		292	7.21	61.82	15.68	33.02	44.47	22.35	920.30	11.33	11.36	920.28	-4.93
		286	6.15	108.63	32.59	39.85	101.37	22.35	514.89	-72.83	-41.09	483.15	-132.84
248	21	287	3.14	31.87	-10.39	29.94	-8.46	8.82	-18.30	-309.95	-307.99	-20.26	23.81
		293	3.42	29.98	-22.39	28.45	-20.86	8.82	20.49	-319.27	-304.83	6.05	68.53
		292	2.23	13.42	-25.06	11.28	-22.92	8.82	49.85	-212.15	-182.98	20.68	82.41
		286	1.84	15.73	-13.49	12.77	-10.53	8.82	1.92	-193.70	-186.14	-5.64	37.70
248	24	287	3.14	31.87	-10.39	29.94	-8.46	8.82	-18.30	-309.95	-307.99	-20.26	23.81
		293	3.42	29.98	-22.39	28.45	-20.86	8.82	20.49	-319.27	-304.83	6.05	68.53
		292	2.23	13.42	-25.06	11.28	-22.92	8.82	49.85	-212.15	-182.98	20.68	82.41
		286	1.84	15.73	-13.49	12.77	-10.53	8.82	1.92	-193.70	-186.14	-5.64	37.70
249	5	288	4.39	43.13	-1.04	43.08	-0.98	1.53	-34.01	-458.96	-457.81	-35.16	22.09
		294	4.76	40.35	-24.04	40.31	-24.01	1.53	-19.85	-460.21	-456.42	-23.63	40.66
		293	4.37	37.69	-24.37	37.65	-24.33	1.53	-12.01	-411.38	-405.83	-17.56	46.74
		287	4.00	40.47	-1.36	40.42	-1.30	1.53	-27.00	-409.30	-407.21	-29.09	28.18
249	13	288	8.26	81.26	-14.15	33.72	33.38	47.71	144.01	-736.51	-487.44	-105.06	-396.58
		294	7.88	72.28	-24.37	31.67	16.25	47.71	79.93	-717.04	-492.22	-144.88	-358.65
		293	7.70	66.00	-29.62	21.37	15.01	47.71	140.05	-661.39	-388.86	-132.48	-379.66
		287	8.11	75.69	-20.12	23.42	32.15	47.71	203.92	-680.65	-384.08	-92.65	-417.59
249	21	288	3.33	32.79	-1.28	32.76	-1.25	0.99	-29.45	-347.06	-346.23	-30.27	16.17
		294	3.59	30.71	-18.49	30.69	-18.47	0.99	-21.46	-348.28	-345.51	-24.23	29.96
		293	3.30	28.73	-18.73	28.71	-18.71	0.99	-15.95	-311.69	-307.92	-19.72	33.15
		287	3.03	30.81	-1.51	30.78	-1.48	0.99	-24.45	-309.97	-308.65	-25.76	19.36
249	24	288	3.33	32.79	-1.28	32.76	-1.25	0.99	-29.45	-347.06	-346.23	-30.27	16.17
		294	3.59	30.71	-18.49	30.69	-18.47	0.99	-21.46	-348.28	-345.51	-24.23	29.96
		293	3.30	28.73	-18.73	28.71	-18.71	0.99	-15.95	-311.69	-307.92	-19.72	33.15
		287	3.03	30.81	-1.51	30.78	-1.48	0.99	-24.45	-309.97	-308.65	-25.76	19.36
250	5	289	3.55	34.17	2.00	32.43	3.73	-7.27	-7.66	-377.93	-377.74	-7.85	8.41
		295	4.00	30.54	-21.66	29.51	-20.63	-7.27	32.75	-373.99	-372.99	31.74	-20.18
		294	4.83	41.75	-20.13	40.88	-19.26	-7.27	22.40	-450.90	-450.90	22.39	0.71
		288	4.43	45.13	3.78	43.81	5.10	-7.27	-15.25	-457.60	-455.65	-17.20	29.30
250	17	289	6.24	78.26	15.18	26.70	66.74	24.37	41.74	-671.02	-491.36	-137.92	-309.48
		295	6.57	57.16	5.83	23.44	39.54	24.37	-38.13	-758.53	-509.30	-287.36	-342.68
		294	7.68	60.33	10.61	30.55	40.39	24.37	-1.32	-896.68	-599.78	-298.22	-421.53
		288	7.35	80.35	21.05	33.81	67.59	24.37	79.31	-809.92	-581.84	-148.78	-388.33
250	21	289	2.68	25.93	0.92	24.49	2.36	-5.83	-9.82	-285.27	-284.99	-10.10	8.76
		295	3.00	23.17	-16.75	22.30	-15.88	-5.83	17.35	-282.34	-281.77	16.78	-13.14
		294	3.64	31.86	-15.55	31.13	-14.82	-5.83	9.62	-341.45	-341.45	9.62	1.04
		288	3.35	34.42	2.32	33.32	3.42	-5.83	-15.66	-346.27	-344.67	-17.26	22.94
250	24	289	2.68	25.93	0.92	24.49	2.36	-5.83	-9.82	-285.27	-284.99	-10.10	8.76
		295	3.00	23.17	-16.75	22.30	-15.88	-5.83	17.35	-282.34	-281.77	16.78	-13.14
		294	3.64	31.86	-15.55	31.13	-14.82	-5.83	9.62	-341.45	-341.45	9.62	1.04
		288	3.35	34.42	2.32	33.32	3.42	-5.83	-15.66	-346.27	-344.67	-17.26	22.94
251	5	290	2.22	18.72	-10.46	7.98	0.28	-14.07	107.38	-219.26	-201.92	90.04	-73.23
		296	2.97	12.13	-25.11	5.71	-18.69	-14.07	227.99	-233.64	-190.54	184.88	-134.32
		295	4.43	34.06	-19.74	30.09	-15.76	-14.07	178.18	-370.28	-357.01	164.91	-84.28

		289	3.77	38.05	-2.47	32.37	3.21	-14.07	71.28	-369.61	-368.39	70.06	-23.19
251	17	290	4.86	78.81	14.00	39.63	53.18	31.69	14.41	-382.57	-257.62	-110.54	-184.37
		296	5.65	64.32	0.36	36.62	28.06	31.69	34.50	-509.52	-269.07	-205.95	-270.17
		295	6.58	55.84	-7.70	21.85	26.29	31.69	-20.89	-716.02	-502.89	-234.01	-320.51
		289	5.80	72.49	3.78	24.86	51.40	31.69	-21.41	-608.64	-491.44	-138.60	-234.70
251	21	290	1.63	14.12	-8.84	5.53	-0.25	-11.11	74.48	-162.69	-152.20	63.99	-48.76
		296	2.17	9.11	-19.59	3.84	-14.32	-11.11	161.12	-173.59	-144.08	131.61	-94.89
		295	3.31	26.01	-15.29	22.76	-12.05	-11.11	125.40	-278.67	-269.80	116.53	-59.21
		289	2.85	29.02	-2.55	24.45	2.02	-11.11	49.43	-278.44	-277.91	48.90	-13.08
251	24	290	1.63	14.12	-8.84	5.53	-0.25	-11.11	74.48	-162.69	-152.20	63.99	-48.76
		296	2.17	9.11	-19.59	3.84	-14.32	-11.11	161.12	-173.59	-144.08	131.61	-94.89
		295	3.31	26.01	-15.29	22.76	-12.05	-11.11	125.40	-278.67	-269.80	116.53	-59.21
		289	2.85	29.02	-2.55	24.45	2.02	-11.11	49.43	-278.44	-277.91	48.90	-13.08
252	5	291	4.42	2.34	-46.93	-38.49	-6.11	-18.57	361.60	-158.94	-49.84	252.50	-211.87
		297	5.36	-6.62	-50.19	-39.80	-17.02	-18.57	569.12	-140.36	-25.61	454.38	-261.23
		296	4.18	18.20	-23.08	6.57	-11.45	-18.57	475.88	-197.78	-160.13	438.24	-154.73
		290	3.18	22.71	-15.37	7.88	-0.54	-18.57	261.27	-209.27	-184.36	236.36	-105.36
252	17	291	4.53	84.80	13.59	73.99	24.39	25.55	223.93	-194.73	-16.47	45.67	-207.01
		297	5.62	81.54	1.43	72.34	10.63	25.55	385.19	-218.84	-1.77	168.12	-289.82
		296	5.11	49.12	-9.12	33.97	6.03	25.55	247.78	-334.17	-227.43	141.04	-225.22
		290	4.05	54.45	0.96	35.62	19.79	25.55	81.30	-304.83	-242.12	18.59	-142.41
252	21	291	3.28	1.61	-36.86	-30.31	-4.95	-14.46	262.35	-113.05	-38.25	187.54	-149.95
		297	3.96	-4.95	-39.21	-31.26	-12.90	-14.46	414.51	-100.88	-20.64	334.27	-186.86
		296	3.09	13.84	-17.92	4.53	-8.61	-14.46	347.75	-146.76	-121.21	322.20	-109.45
		290	2.35	17.20	-12.37	5.48	-0.65	-14.46	191.41	-154.76	-138.82	175.47	-72.54
252	24	291	3.28	1.61	-36.86	-30.31	-4.95	-14.46	262.35	-113.05	-38.25	187.54	-149.95
		297	3.96	-4.95	-39.21	-31.26	-12.90	-14.46	414.51	-100.88	-20.64	334.27	-186.86
		296	3.09	13.84	-17.92	4.53	-8.61	-14.46	347.75	-146.76	-121.21	322.20	-109.45
		290	2.35	17.20	-12.37	5.48	-0.65	-14.46	191.41	-154.76	-138.82	175.47	-72.54
253	6	292	10.24	18.89	-5.99	15.34	-2.43	8.71	1526.57	76.46	78.58	1524.45	55.46
		298	13.40	15.16	-23.33	13.08	-21.25	8.71	1937.34	123.61	127.64	1933.31	85.42
		98	13.34	-3.62	-27.48	-7.39	-23.70	8.71	1993.92	158.50	209.31	1943.11	301.13
		97	10.31	3.70	-13.72	-5.13	-4.89	8.71	1585.83	108.67	160.25	1534.25	271.16
253	17	292	19.56	67.04	8.55	29.68	45.91	28.09	2848.54	261.94	278.46	2832.01	206.10
		298	22.11	48.27	-9.30	25.76	13.22	28.09	3418.09	330.32	346.81	3401.60	225.06
		98	23.28	28.24	-31.67	-12.10	8.67	28.09	3496.94	309.34	398.48	3407.80	525.56
		97	20.80	54.05	-20.86	-8.18	41.37	28.09	2936.67	231.67	330.13	2838.21	506.60
253	22	292	6.60	14.01	-9.36	11.33	-6.68	7.45	952.78	37.71	41.74	948.75	60.55
		298	8.62	11.64	-20.95	9.84	-19.15	7.45	1211.96	66.92	72.64	1206.25	80.69
		98	8.56	-3.05	-24.14	-6.13	-21.06	7.45	1254.44	85.91	127.52	1212.83	216.54
		97	6.56	1.09	-14.32	-4.64	-8.60	7.45	998.13	53.83	96.62	955.34	196.40
253	25	292	6.13	13.91	-11.34	11.18	-8.61	7.84	869.74	28.63	34.53	863.84	70.22
		298	7.99	11.68	-22.33	9.77	-20.41	7.84	1107.25	55.20	62.83	1099.62	89.26
		98	7.93	-3.22	-25.57	-6.44	-22.35	7.84	1149.95	70.62	114.72	1105.85	213.66
		97	6.09	0.53	-16.10	-5.02	-10.56	7.84	915.74	40.76	86.43	870.07	194.61
254	6	293	3.53	23.47	-0.38	22.50	0.60	4.72	266.99	-224.36	-190.22	232.85	-124.93
		299	4.63	20.93	-17.90	20.35	-17.32	4.72	417.27	-181.10	-169.49	405.66	-82.55
		298	3.87	14.14	-18.84	13.45	-18.15	4.72	419.67	-54.17	-54.01	419.52	8.62
		292	2.43	16.90	-1.53	15.60	-0.23	4.72	250.21	-78.26	-74.75	246.71	-33.76
254	17	293	7.17	63.94	21.42	40.04	45.32	21.09	933.57	-75.08	-53.95	912.44	-144.45
		299	9.22	49.06	1.43	36.31	14.19	21.09	1308.97	-16.00	-7.40	1300.36	-106.45
		298	8.85	41.36	-2.72	25.72	12.92	21.09	1320.66	88.28	96.15	1312.78	98.20
		292	7.32	59.07	14.43	29.46	44.05	21.09	928.99	45.48	49.60	924.87	60.21
254	22	293	2.44	19.15	-5.20	18.30	-4.34	4.48	153.22	-146.00	-134.28	141.50	-58.05
		299	3.24	17.44	-17.03	16.85	-16.44	4.48	262.21	-122.19	-120.05	260.08	-28.58
		298	2.73	10.78	-17.97	10.06	-17.26	4.48	273.40	-43.43	-39.75	269.71	33.98
		292	1.69	12.64	-6.28	11.51	-5.16	4.48	151.24	-54.08	-53.98	151.14	4.51
254	25	293	2.35	19.73	-7.18	18.81	-6.25	4.91	135.62	-136.01	-129.67	129.28	-41.02
		299	3.15	18.09	-18.49	17.42	-17.82	4.91	243.77	-116.43	-115.99	243.32	-12.70
		298	2.67	10.79	-19.53	9.97	-18.71	4.91	260.12	-46.36	-38.82	252.58	47.47
		292	1.65	12.58	-8.37	11.36	-7.15	4.91	140.44	-54.40	-52.50	138.54	19.15
255	5	294	2.70	34.36	-24.80	34.29	-24.73	2.01	20.70	-152.28	-145.29	13.70	34.07
		300	3.38	33.05	-35.60	32.99	-35.55	2.01	111.73	-141.36	-134.36	104.74	41.49
		299	3.29	29.20	-36.07	29.13	-36.01	2.01	138.84	-145.82	-114.15	107.17	89.52
		293	2.60	30.50	-25.27	30.43	-25.19	2.01	53.81	-162.75	-125.07	16.13	82.10
255	13	294	6.68	63.73	-18.62	29.16	15.94	40.64	164.85	-528.55	-248.11	-115.59	-340.31
		300	6.47	57.80	-27.09	27.62	3.09	40.64	182.82	-481.87	-241.18	-57.87	-319.46
		299	5.93	52.18	-30.88	19.22	2.08	40.64	178.89	-414.30	-184.36	-51.05	-289.00
		293	6.17	58.59	-22.89	20.76	14.94	40.64	162.56	-462.62	-191.29	-108.77	-309.85
255	21	294	2.03	26.02	-19.07	25.98	-19.03	1.32	8.99	-116.20	-111.11	3.90	24.72
		300	2.52	25.06	-27.03	25.03	-26.99	1.32	75.63	-108.26	-103.12	70.49	30.31
		299	2.45	22.19	-27.37	22.16	-27.34	1.32	95.65	-111.22	-87.89	72.32	65.44
		293	1.95	23.15	-19.42	23.11	-19.38	1.32	33.43	-123.58	-95.88	5.73	59.85
255	24	294	2.03	26.02	-19.07	25.98	-19.03	1.32	8.99	-116.20	-111.11	3.90	24.72
		300	2.52	25.06	-27.03	25.03	-26.99	1.32	75.63	-108.26	-103.12	70.49	30.31
		299	2.45	22.19	-27.37	22.16	-27.34	1.32	95.65	-111.22	-87.89	72.32	65.44
		293	1.95	23.15	-19.42	23.11	-19.38	1.32	33.43	-123.58	-95.88	5.73	59.85

256	5	295	2.39	26.56	-22.66	25.06	-21.16	-8.47	80.66	-134.77	-116.62	62.51	-59.84
		301	3.20	25.00	-33.36	23.75	-32.10	-8.47	181.14	-120.70	-104.35	164.78	-68.33
		300	3.55	34.64	-32.02	33.55	-30.93	-8.47	162.72	-128.20	-127.49	162.01	-14.38
		294	2.81	36.14	-21.26	34.86	-19.98	-8.47	59.90	-139.94	-139.76	59.73	-5.88
256	13	295	6.21	56.23	-14.86	31.21	10.17	33.95	103.79	-558.01	-222.51	-231.71	-330.87
		301	6.33	51.32	-23.68	29.74	-2.10	33.95	116.94	-574.33	-222.85	-234.53	-345.59
		300	6.40	49.26	-24.73	26.96	-2.43	33.95	96.12	-598.43	-262.96	-239.35	-347.07
		294	6.28	54.33	-16.07	28.43	9.83	33.95	83.04	-582.18	-262.62	-236.53	-332.36
256	21	295	1.78	20.06	-17.54	18.81	-16.30	-6.73	53.06	-102.74	-89.53	39.85	-43.40
		301	2.36	18.89	-25.38	17.84	-24.33	-6.73	126.17	-92.62	-80.61	114.16	-49.83
		300	2.64	26.37	-24.32	25.46	-23.41	-6.73	112.59	-98.67	-98.13	112.06	-10.63
		294	2.11	27.48	-16.44	26.42	-15.38	-6.73	37.87	-107.17	-107.05	37.74	-4.20
256	24	295	1.78	20.06	-17.54	18.81	-16.30	-6.73	53.06	-102.74	-89.53	39.85	-43.40
		301	2.36	18.89	-25.38	17.84	-24.33	-6.73	126.17	-92.62	-80.61	114.16	-49.83
		300	2.64	26.37	-24.32	25.46	-23.41	-6.73	112.59	-98.67	-98.13	112.06	-10.63
		294	2.11	27.48	-16.44	26.42	-15.38	-6.73	37.87	-107.17	-107.05	37.74	-4.20
257	5	296	3.28	11.96	-28.19	2.81	-19.04	-16.84	305.11	-150.51	-47.45	202.05	-190.62
		302	3.66	9.51	-35.04	1.81	-27.35	-16.84	425.00	-128.85	-32.28	328.44	-210.14
		301	3.92	29.86	-29.81	24.65	-24.61	-16.84	367.49	-130.91	-85.48	322.05	-143.46
		295	2.96	31.57	-22.22	25.64	-16.30	-16.84	240.68	-145.65	-100.64	195.67	-123.94
257	17	296	5.46	47.10	16.96	36.06	28.00	14.52	192.21	-530.54	-147.02	-191.31	-360.69
		302	5.94	40.07	0.99	33.60	7.46	14.52	237.34	-592.90	-148.87	-206.69	-414.11
		301	6.24	35.20	-0.65	27.78	6.77	14.52	164.39	-682.99	-294.44	-224.15	-422.23
		295	5.76	43.37	14.17	30.25	27.30	14.52	120.49	-621.87	-292.60	-208.77	-368.81
257	21	296	2.42	8.98	-21.91	1.65	-14.58	-13.14	218.28	-111.41	-37.53	144.40	-137.47
		302	2.69	7.15	-26.82	0.93	-20.60	-13.14	305.15	-96.40	-26.62	235.36	-152.16
		301	2.87	22.73	-22.67	18.55	-18.48	-13.14	263.43	-99.52	-66.64	230.55	-104.17
		295	2.19	24.00	-17.20	19.27	-12.47	-13.14	171.72	-109.68	-77.56	139.60	-89.48
257	24	296	2.42	8.98	-21.91	1.65	-14.58	-13.14	218.28	-111.41	-37.53	144.40	-137.47
		302	2.69	7.15	-26.82	0.93	-20.60	-13.14	305.15	-96.40	-26.62	235.36	-152.16
		301	2.87	22.73	-22.67	18.55	-18.48	-13.14	263.43	-99.52	-66.64	230.55	-104.17
		295	2.19	24.00	-17.20	19.27	-12.47	-13.14	171.72	-109.68	-77.56	139.60	-89.48
258	5	297	5.41	-3.14	-44.80	-31.87	-16.07	-19.27	601.13	-123.08	18.39	459.66	-287.13
		303	5.96	-6.85	-46.99	-32.50	-21.34	-19.27	733.08	-93.47	35.70	603.91	-300.13
		302	5.01	14.73	-28.75	3.05	-17.07	-19.27	674.13	-74.22	0.26	599.65	-224.03
		296	4.42	16.71	-24.83	3.68	-11.80	-19.27	535.94	-97.58	-17.05	455.41	-211.02
258	13	297	5.23	11.73	-12.17	8.85	-9.29	7.78	552.13	-226.95	25.78	299.40	-364.73
		303	5.75	11.17	-14.50	8.54	-11.87	7.78	629.70	-221.91	34.63	373.16	-390.71
		302	5.67	27.36	-11.43	25.73	-9.81	7.78	569.13	-240.65	-36.18	364.67	-351.80
		296	5.14	27.77	-8.96	26.04	-7.23	7.78	489.50	-243.63	-45.04	290.90	-325.81
258	21	297	3.98	-2.33	-34.70	-24.90	-12.14	-14.87	437.63	-87.41	12.03	338.19	-205.72
		303	4.37	-5.00	-36.22	-25.35	-15.87	-14.87	531.52	-67.32	24.24	439.96	-215.52
		302	3.68	11.19	-21.90	1.89	-12.60	-14.87	489.94	-55.63	-2.45	436.76	-161.82
		296	3.26	12.62	-19.16	2.33	-8.87	-14.87	391.85	-71.52	-14.66	334.99	-152.03
258	24	297	3.98	-2.33	-34.70	-24.90	-12.14	-14.87	437.63	-87.41	12.03	338.19	-205.72
		303	4.37	-5.00	-36.22	-25.35	-15.87	-14.87	531.52	-67.32	24.24	439.96	-215.52
		302	3.68	11.19	-21.90	1.89	-12.60	-14.87	489.94	-55.63	-2.45	436.76	-161.82
		296	3.26	12.62	-19.16	2.33	-8.87	-14.87	391.85	-71.52	-14.66	334.99	-152.03
259	6	298	13.25	13.10	-23.37	11.20	-21.47	8.11	1949.49	185.22	193.50	1941.21	120.60
		304	15.83	11.24	-34.88	9.77	-33.41	8.11	2299.07	226.97	235.43	2290.62	132.09
		99	15.90	-4.14	-37.44	-6.25	-35.33	8.11	2342.61	218.51	266.75	2294.37	316.43
		98	13.35	-1.77	-26.43	-4.82	-23.39	8.11	1997.43	172.36	224.82	1944.97	304.93
259	19	298	21.86	27.56	-4.08	22.96	0.53	11.15	3424.23	379.45	417.52	3386.16	338.31
		304	25.71	23.70	-21.04	20.72	-18.06	11.15	3942.12	447.94	480.35	3909.71	334.94
		99	26.00	-5.82	-29.77	-13.44	-22.16	11.15	4014.03	365.73	471.16	3908.61	611.15
		98	22.73	4.40	-19.18	-11.21	-3.57	11.15	3506.94	286.46	408.33	3385.06	614.52
259	22	298	8.50	9.86	-20.88	8.31	-19.33	6.73	1222.14	113.90	123.68	1212.37	103.62
		304	10.12	8.63	-28.40	7.37	-27.14	6.73	1439.30	140.42	149.78	1429.94	109.91
		99	10.17	-3.17	-30.39	-4.95	-28.61	6.73	1470.71	128.20	166.92	1431.99	224.69
		98	8.58	-1.65	-23.17	-4.01	-20.81	6.73	1257.15	98.09	140.82	1214.43	218.40
259	25	298	7.87	9.83	-22.22	8.21	-20.60	7.03	1118.00	102.29	114.47	1105.82	110.55
		304	9.35	8.68	-29.29	7.33	-27.94	7.03	1315.31	126.86	138.24	1303.92	115.76
		99	9.40	-3.22	-31.31	-5.11	-29.43	7.03	1346.27	111.79	152.44	1305.63	220.27
		98	7.95	-1.80	-24.53	-4.23	-22.09	7.03	1152.69	83.50	128.66	1107.52	215.06
260	6	299	4.06	19.12	-18.16	18.50	-17.54	4.78	424.84	-61.01	-55.50	419.34	-51.43
		305	5.44	17.61	-29.56	17.12	-29.07	4.78	600.95	-34.97	-33.84	599.82	-26.72
		304	5.13	10.75	-30.47	10.19	-29.90	4.78	615.96	25.44	33.50	607.90	68.50
		298	3.63	12.32	-19.12	11.57	-18.37	4.78	431.98	7.28	11.84	427.42	43.79
260	19	299	8.75	35.59	2.93	35.36	3.16	2.76	1305.33	128.54	130.33	1303.54	45.90
		305	11.50	33.29	-15.53	33.13	-15.37	2.76	1651.78	169.42	171.83	1649.37	59.78
		304	11.56	21.07	-17.04	20.87	-16.84	2.76	1693.45	170.11	209.65	1653.91	242.23
		298	8.85	23.45	1.34	23.09	1.69	2.76	1352.12	124.11	168.15	1308.07	228.35
260	22	299	2.79	15.12	-17.25	14.58	-16.71	4.15	271.12	-30.03	-29.81	270.90	-8.13
		305	3.75	14.13	-24.66	13.69	-24.21	4.15	394.29	-15.14	-15.02	394.17	6.95
		304	3.58	8.15	-25.45	7.63	-24.93	4.15	412.51	12.67	26.08	399.10	71.98
		298	2.57	9.18	-18.09	8.53	-17.44	4.15	287.56	-0.43	11.29	275.84	56.90
260	25	299	2.69	15.41	-18.72	14.83	-18.13	4.44	254.52	-23.99	-23.84	254.38	6.39

		305	3.62	14.48	-25.66	13.98	-25.17	4.44	373.62	-10.69	-9.66	372.59	19.84
		304	3.48	8.15	-26.52	7.57	-25.94	4.44	395.34	8.66	27.01	376.99	82.21
		298	2.52	9.12	-19.60	8.41	-18.90	4.44	276.69	-5.09	12.83	258.78	68.75
261	5	300	2.49	25.20	-36.50	25.18	-36.48	1.10	138.20	7.95	22.58	123.57	41.12
		306	3.29	24.67	-40.93	24.65	-40.92	1.10	244.49	27.05	36.01	235.53	43.23
		305	3.39	21.85	-41.27	21.83	-41.25	1.10	280.11	-2.15	41.75	236.21	102.29
		299	2.62	22.38	-36.84	22.36	-36.82	1.10	187.37	-34.79	28.31	124.26	100.19
261	13	300	5.76	48.91	-22.03	24.21	2.68	33.80	257.79	-380.26	-83.52	-38.95	-318.24
		306	5.77	45.35	-28.30	23.15	-6.10	33.80	310.95	-322.80	-71.67	59.82	-309.98
		305	5.12	41.72	-30.29	18.14	-6.70	33.80	270.53	-257.18	-49.16	62.52	-257.88
		299	5.11	45.50	-24.23	19.19	2.08	33.80	217.79	-315.05	-61.01	-36.25	-266.14
261	21	300	1.84	19.01	-27.72	19.00	-27.72	0.61	95.79	3.55	14.71	84.63	30.07
		306	2.43	18.63	-30.88	18.62	-30.88	0.61	173.94	17.83	24.61	167.17	31.81
		305	2.50	16.57	-31.13	16.56	-31.12	0.61	200.85	-3.77	29.34	167.74	75.36
		299	1.94	16.95	-27.97	16.94	-27.96	0.61	132.95	-28.31	19.44	85.20	73.62
261	24	300	1.84	19.01	-27.72	19.00	-27.72	0.61	95.79	3.55	14.71	84.63	30.07
		306	2.43	18.63	-30.88	18.62	-30.88	0.61	173.94	17.83	24.61	167.17	31.81
		305	2.50	16.57	-31.13	16.56	-31.12	0.61	200.85	-3.77	29.34	167.74	75.36
		299	1.94	16.95	-27.97	16.94	-27.96	0.61	132.95	-28.31	19.44	85.20	73.62
262	5	301	2.54	18.93	-34.21	17.56	-32.85	-8.41	213.64	-0.33	32.15	181.16	-76.78
		307	3.38	18.39	-37.98	17.10	-36.70	-8.41	320.78	24.23	46.26	298.75	-77.77
		306	3.50	26.41	-36.86	25.27	-35.72	-8.41	299.40	42.60	43.56	298.43	-15.73
		300	2.68	26.94	-33.07	25.74	-31.86	-8.41	182.26	28.03	29.45	180.84	-14.74
262	13	301	5.98	40.15	-19.09	23.87	-2.80	26.45	225.61	-529.28	-85.60	-218.06	-371.59
		307	6.01	37.86	-24.24	23.07	-9.46	26.45	256.94	-505.97	-79.75	-169.29	-378.82
		306	5.74	37.60	-24.35	22.75	-9.49	26.45	219.38	-490.47	-99.44	-171.65	-353.08
		300	5.70	39.91	-19.21	23.54	-2.84	26.45	187.76	-513.48	-105.30	-220.43	-345.86
262	21	301	1.86	14.22	-26.03	13.09	-24.90	-6.65	150.81	-2.87	21.52	126.42	-56.16
		307	2.46	13.83	-28.66	12.77	-27.60	-6.65	228.68	15.42	31.82	212.28	-56.83
		306	2.57	20.05	-27.78	19.11	-26.83	-6.65	212.79	29.27	30.00	212.06	-11.53
		300	1.97	20.42	-25.13	19.43	-24.14	-6.65	127.29	18.60	19.69	126.20	-10.86
262	24	301	1.86	14.22	-26.03	13.09	-24.90	-6.65	150.81	-2.87	21.52	126.42	-56.16
		307	2.46	13.83	-28.66	12.77	-27.60	-6.65	228.68	15.42	31.82	212.28	-56.83
		306	2.57	20.05	-27.78	19.11	-26.83	-6.65	212.79	29.27	30.00	212.06	-11.53
		300	1.97	20.42	-25.13	19.43	-24.14	-6.65	127.29	18.60	19.69	126.20	-10.86
263	5	302	3.64	7.21	-34.75	0.02	-27.56	-15.81	455.10	-69.55	47.54	338.01	-218.45
		308	4.23	6.45	-37.23	-0.32	-30.46	-15.81	559.14	-32.32	62.68	464.14	-217.17
		307	4.20	22.99	-33.13	18.11	-28.25	-15.81	515.10	15.62	66.15	464.56	-150.63
		301	3.35	23.57	-30.46	18.46	-25.35	-15.81	403.83	-14.38	51.02	338.43	-151.90
263	13	302	5.86	23.87	-16.34	16.28	-8.74	15.74	382.16	-470.62	-24.70	-63.76	-425.94
		308	6.07	22.81	-19.60	15.81	-12.61	15.74	421.08	-462.37	-19.65	-21.65	-441.72
		307	5.90	28.89	-17.86	22.79	-11.77	15.74	375.16	-464.62	-62.65	-26.81	-419.51
		301	5.69	29.83	-14.47	23.26	-7.90	15.74	335.42	-472.04	-67.71	-68.92	-403.73
263	21	302	2.67	5.38	-26.50	-0.37	-20.75	-12.26	327.74	-52.11	33.10	242.52	-158.45
		308	3.05	4.84	-28.19	-0.61	-22.74	-12.26	402.65	-25.23	44.01	333.42	-157.58
		307	3.05	17.46	-24.94	13.55	-21.04	-12.26	370.75	9.34	46.39	333.70	-109.62
		301	2.44	17.86	-23.12	13.79	-19.05	-12.26	290.66	-12.36	35.49	242.81	-110.50
263	24	302	2.67	5.38	-26.50	-0.37	-20.75	-12.26	327.74	-52.11	33.10	242.52	-158.45
		308	3.05	4.84	-28.19	-0.61	-22.74	-12.26	402.65	-25.23	44.01	333.42	-157.58
		307	3.05	17.46	-24.94	13.55	-21.04	-12.26	370.75	9.34	46.39	333.70	-109.62
		301	2.44	17.86	-23.12	13.79	-19.05	-12.26	290.66	-12.36	35.49	242.81	-110.50
264	5	303	5.63	-4.94	-38.89	-23.57	-20.26	-16.89	735.05	-64.47	63.35	607.22	-293.02
		309	6.00	-6.42	-40.22	-23.87	-22.77	-16.89	831.35	-31.97	77.15	722.23	-286.88
		308	5.47	10.40	-29.24	0.96	-19.79	-16.89	797.01	21.12	93.89	724.24	-226.20
		302	4.88	11.25	-27.28	1.26	-17.28	-16.89	696.77	-7.45	80.09	609.23	-232.34
264	17	303	5.57	15.47	-9.88	11.04	-5.45	-9.63	573.15	-296.32	30.71	246.13	-421.18
		309	5.77	14.27	-13.96	10.47	-10.17	-9.63	610.56	-298.48	34.48	277.60	-437.96
		308	5.58	27.34	-11.05	24.75	-8.46	-9.63	574.97	-314.11	-11.25	272.11	-421.36
		302	5.38	28.22	-6.64	25.32	-3.73	-9.63	537.10	-311.49	-15.03	240.64	-404.58
264	21	303	4.12	-3.61	-29.71	-18.30	-15.02	-12.95	533.28	-45.55	45.25	442.48	-210.50
		309	4.38	-4.65	-30.61	-18.51	-16.75	-12.95	600.65	-22.93	54.89	522.83	-206.09
		308	3.95	7.88	-21.98	0.38	-14.48	-12.95	576.82	14.36	66.91	524.27	-163.70
		302	3.58	8.49	-20.65	0.59	-12.75	-12.95	506.80	-5.60	57.27	443.93	-168.11
264	24	303	4.12	-3.61	-29.71	-18.30	-15.02	-12.95	533.28	-45.55	45.25	442.48	-210.50
		309	4.38	-4.65	-30.61	-18.51	-16.75	-12.95	600.65	-22.93	54.89	522.83	-206.09
		308	3.95	7.88	-21.98	0.38	-14.48	-12.95	576.82	14.36	66.91	524.27	-163.70
		302	3.58	8.49	-20.65	0.59	-12.75	-12.95	506.80	-5.60	57.27	443.93	-168.11
265	6	304	15.73	9.26	-35.06	7.84	-33.64	7.80	2307.23	271.57	282.54	2296.27	148.98
		310	17.73	8.26	-41.77	7.02	-40.52	7.80	2589.55	307.05	316.59	2580.02	147.20
		100	17.83	-3.86	-43.62	-5.46	-42.02	7.80	2617.66	273.50	311.73	2579.44	296.90
		99	15.86	-2.75	-37.01	-4.63	-35.14	7.80	2338.97	234.40	277.68	2295.69	298.68
265	19	304	25.57	17.74	-21.48	15.00	-18.75	9.99	3948.09	494.70	527.43	3915.36	334.58
		310	28.69	15.95	-31.45	13.74	-29.24	9.99	4391.73	554.74	581.39	4365.08	318.69
		100	28.97	-6.84	-36.12	-10.77	-32.18	9.99	4439.11	458.85	538.08	4359.88	555.95
		99	25.92	-3.90	-27.30	-9.51	-21.69	9.99	4003.09	391.19	484.11	3910.16	571.84
265	22	304	10.05	6.86	-28.42	5.77	-27.33	6.11	1445.01	170.92	182.11	1433.81	118.88
		310	11.29	6.23	-32.71	5.24	-31.72	6.11	1620.01	193.80	203.31	1610.50	116.05

		100	11.36	-2.92	-34.10	-4.17	-32.85	6.11	1639.89	165.27	195.59	1609.57	209.27
		99	10.14	-2.22	-29.88	-3.64	-28.46	6.11	1467.67	139.61	174.39	1432.89	212.10
265	25	304	9.28	6.81	-29.26	5.68	-28.13	6.27	1320.79	156.13	169.28	1307.65	123.02
		310	10.41	6.22	-33.24	5.19	-32.21	6.27	1479.66	177.54	188.59	1468.60	119.47
		100	10.48	-2.95	-34.64	-4.25	-33.35	6.27	1499.08	147.28	178.92	1467.44	204.38
		99	9.37	-2.30	-30.73	-3.76	-29.27	6.27	1343.02	123.07	159.60	1306.49	207.93
266	6	305	5.12	14.99	-29.90	14.47	-29.39	4.78	610.47	54.03	54.12	610.38	-7.09
		311	6.43	14.08	-36.90	13.63	-36.45	4.78	785.68	75.15	75.16	785.67	2.63
		310	6.35	7.92	-37.70	7.42	-37.19	4.78	801.77	88.72	101.65	788.85	95.11
		304	5.02	8.85	-30.72	8.26	-30.13	4.78	626.91	67.26	80.61	613.56	85.39
266	19	305	11.23	26.97	-16.48	26.64	-16.15	3.79	1664.12	254.87	259.14	1659.85	77.47
		311	13.52	25.64	-27.07	25.36	-26.80	3.79	1974.97	293.04	296.53	1971.47	76.58
		310	13.64	14.21	-28.51	13.87	-28.18	3.79	2005.13	260.18	294.13	1971.18	240.99
		304	11.39	15.58	-17.96	15.15	-17.53	3.79	1700.09	216.20	256.73	1659.56	241.87
266	22	305	3.52	11.47	-24.91	11.08	-24.52	3.76	402.55	45.66	46.65	401.57	18.74
		311	4.40	10.91	-29.25	10.55	-28.90	3.76	520.65	59.64	60.80	519.50	23.06
		310	4.38	5.91	-29.90	5.51	-29.50	3.76	536.58	56.89	72.56	520.91	85.28
		304	3.51	6.48	-25.57	6.03	-25.13	3.76	421.05	40.33	58.41	402.98	80.96
266	25	305	3.40	11.55	-25.92	11.14	-25.51	3.91	382.51	47.36	50.11	379.76	30.24
		311	4.23	11.03	-29.90	10.66	-29.53	3.91	494.58	61.04	63.59	492.03	33.15
		310	4.24	5.86	-30.57	5.44	-30.15	3.91	512.34	52.16	71.52	492.98	92.38
		304	3.42	6.39	-26.60	5.92	-26.13	3.91	403.86	34.90	58.04	380.71	89.47
267	5	306	2.99	17.37	-41.79	17.36	-41.79	0.22	257.07	96.46	109.22	244.31	43.44
		312	3.70	17.24	-42.83	17.24	-42.83	0.22	360.33	115.42	122.32	353.43	40.53
		311	3.84	15.55	-43.03	15.55	-43.03	0.22	387.69	79.18	114.39	352.48	98.10
		305	3.17	15.67	-41.99	15.67	-41.99	0.22	295.81	48.84	101.29	243.36	101.01
267	17	306	4.99	31.76	-7.34	28.19	-3.77	11.26	554.70	-111.65	73.79	369.26	-298.63
		312	5.91	29.69	-17.78	26.85	-14.94	11.26	698.75	-41.21	96.77	560.76	-288.21
		311	5.11	28.10	-18.07	25.17	-15.14	11.26	633.14	56.21	125.17	564.17	-187.17
		305	4.00	30.22	-7.68	26.51	-3.97	11.26	476.87	-2.01	102.19	372.67	-197.60
267	21	306	2.20	13.05	-31.54	13.05	-31.54	-0.05	183.64	69.53	79.43	173.75	32.10
		312	2.71	12.97	-32.18	12.97	-32.18	-0.05	259.61	83.78	89.09	254.30	30.10
		311	2.82	11.77	-32.33	11.77	-32.33	-0.05	280.42	56.85	83.62	253.64	72.60
		305	2.33	11.84	-31.69	11.84	-31.69	-0.05	213.09	33.96	73.96	173.09	74.60
267	24	306	2.20	13.05	-31.54	13.05	-31.54	-0.05	183.64	69.53	79.43	173.75	32.10
		312	2.71	12.97	-32.18	12.97	-32.18	-0.05	259.61	83.78	89.09	254.30	30.10
		311	2.82	11.77	-32.33	11.77	-32.33	-0.05	280.42	56.85	83.62	253.64	72.60
		305	2.33	11.84	-31.69	11.84	-31.69	-0.05	213.09	33.96	73.96	173.09	74.60
268	5	307	3.16	12.55	-38.51	11.42	-37.38	-7.52	332.22	83.37	109.28	306.32	-76.00
		313	3.89	12.47	-39.06	11.35	-37.93	-7.52	437.99	106.00	123.03	420.96	-73.25
		312	3.93	18.93	-38.15	17.92	-37.15	-7.52	422.41	129.97	130.53	421.86	-12.76
		306	3.19	19.01	-37.61	17.99	-36.59	-7.52	308.47	115.52	116.77	307.22	-15.51
268	13	307	5.69	27.66	-21.21	16.67	-10.22	20.40	312.96	-477.81	-4.59	-160.27	-387.65
		313	5.68	26.66	-23.82	16.29	-13.45	20.40	347.08	-435.51	3.60	-92.03	-388.36
		312	5.27	28.12	-23.29	18.06	-13.23	20.40	310.17	-400.78	1.65	-92.26	-352.36
		306	5.28	29.09	-20.65	18.45	-10.01	20.40	276.46	-443.49	-6.53	-160.50	-351.64
268	21	307	2.30	9.38	-29.05	8.44	-28.11	-5.93	237.35	59.47	78.89	217.92	-55.47
		313	2.83	9.34	-29.31	8.41	-28.38	-5.93	314.37	76.35	88.95	301.77	-53.30
		312	2.87	14.33	-28.60	13.50	-27.77	-5.93	302.87	94.48	94.87	302.48	-9.07
		306	2.33	14.37	-28.34	13.53	-27.50	-5.93	219.57	83.87	84.81	218.64	-11.24
268	24	307	2.30	9.38	-29.05	8.44	-28.11	-5.93	237.35	59.47	78.89	217.92	-55.47
		313	2.83	9.34	-29.31	8.41	-28.38	-5.93	314.37	76.35	88.95	301.77	-53.30
		312	2.87	14.33	-28.60	13.50	-27.77	-5.93	302.87	94.48	94.87	302.48	-9.07
		306	2.33	14.37	-28.34	13.53	-27.50	-5.93	219.57	83.87	84.81	218.64	-11.24
269	5	308	4.18	3.87	-35.67	-1.23	-30.57	-13.25	561.36	4.01	97.10	468.27	-207.89
		314	4.80	3.76	-36.08	-1.28	-31.03	-13.25	651.29	39.40	110.53	580.16	-196.12
		313	4.70	16.22	-33.24	12.37	-29.39	-13.25	623.12	103.49	142.60	584.01	-137.09
		307	4.02	16.31	-32.81	12.43	-28.93	-13.25	527.72	73.57	129.17	472.12	-148.86
269	17	308	6.20	18.33	-8.31	17.34	-7.33	-5.02	410.20	-587.41	-13.35	-163.85	-493.10
		314	6.17	17.29	-15.24	16.49	-14.44	-5.02	431.38	-557.61	-7.89	-118.35	-491.40
		313	5.95	24.73	-14.19	24.07	-13.53	-5.02	410.36	-531.42	-3.27	-117.79	-467.39
		307	5.99	25.71	-7.20	24.93	-6.42	-5.02	389.40	-561.43	-8.73	-163.30	-469.09
269	21	308	3.01	2.86	-26.88	-1.21	-22.81	-10.23	404.42	1.80	69.73	336.50	-150.78
		314	3.46	2.81	-27.07	-1.24	-23.02	-10.23	468.90	27.58	79.39	417.08	-142.07
		313	3.40	12.28	-24.84	9.21	-21.77	-10.23	448.61	74.44	103.13	419.93	-99.56
		307	2.91	12.32	-24.64	9.23	-21.56	-10.23	380.22	52.58	93.46	339.35	-108.27
269	24	308	3.01	2.86	-26.88	-1.21	-22.81	-10.23	404.42	1.80	69.73	336.50	-150.78
		314	3.46	2.81	-27.07	-1.24	-23.02	-10.23	468.90	27.58	79.39	417.08	-142.07
		313	3.40	12.28	-24.84	9.21	-21.77	-10.23	448.61	74.44	103.13	419.93	-99.56
		307	2.91	12.32	-24.64	9.23	-21.56	-10.23	380.22	52.58	93.46	339.35	-108.27
270	5	309	5.60	-5.29	-33.12	-16.51	-21.89	-13.65	819.63	-7.65	88.39	723.58	-265.01
		315	6.06	-5.78	-33.80	-16.64	-22.94	-13.65	893.66	20.42	99.33	814.75	-250.36
		314	5.96	6.67	-27.70	-0.07	-20.95	-13.65	875.13	83.65	139.25	819.54	-202.27
		308	5.42	6.98	-26.84	0.05	-19.90	-13.65	798.57	58.11	128.31	728.37	-216.92
270	17	309	6.08	9.70	-22.13	-0.90	-11.53	-15.00	610.14	-298.49	34.09	277.56	-437.70
		315	6.05	8.80	-23.73	-1.16	-13.77	-15.00	611.60	-294.27	34.70	282.63	-435.64
		314	6.01	23.28	-18.06	16.83	-11.61	-15.00	611.49	-287.88	40.31	283.31	-432.96

		308	6.04	23.87	-16.14	17.10	-9.37	-15.00	610.04	-292.11	39.70	278.23	-435.02
270	21	309	4.07	-3.85	-24.94	-12.74	-16.06	-10.41	592.39	-5.06	63.47	523.86	-190.38
		315	4.36	-4.19	-25.38	-12.82	-16.75	-10.41	643.71	14.70	71.09	587.32	-179.69
		314	4.29	5.04	-20.59	-0.31	-15.25	-10.41	631.09	59.98	100.24	590.82	-146.20
		308	3.92	5.25	-20.03	-0.22	-14.55	-10.41	578.07	41.91	92.63	527.36	-156.90
270	24	309	4.07	-3.85	-24.94	-12.74	-16.06	-10.41	592.39	-5.06	63.47	523.86	-190.38
		315	4.36	-4.19	-25.38	-12.82	-16.75	-10.41	643.71	14.70	71.09	587.32	-179.69
		314	4.29	5.04	-20.59	-0.31	-15.25	-10.41	631.09	59.98	100.24	590.82	-146.20
		308	3.92	5.25	-20.03	-0.22	-14.55	-10.41	578.07	41.91	92.63	527.36	-156.90
271	6	310	17.66	6.03	-41.88	4.92	-40.78	7.18	2593.30	335.60	345.41	2583.48	148.55
		316	19.20	5.51	-45.48	4.48	-44.45	7.18	2819.60	364.96	372.81	2811.75	138.56
		101	19.30	-3.44	-46.77	-4.67	-45.55	7.18	2835.43	318.65	345.59	2808.49	259.00
		100	17.78	-2.90	-43.20	-4.23	-41.87	7.18	2611.76	286.65	318.20	2580.21	268.99
271	19	310	28.58	10.97	-31.63	9.13	-29.79	8.65	4393.10	585.28	609.89	4368.50	305.11
		316	31.08	10.10	-37.10	8.45	-35.46	8.65	4761.40	635.46	654.73	4742.13	281.31
		101	31.33	-5.94	-39.84	-8.31	-37.47	8.65	4788.85	535.35	589.86	4734.34	478.42
		100	28.88	-4.86	-34.58	-7.64	-31.81	8.65	4425.71	480.03	545.03	4360.71	502.23
271	22	310	11.24	4.35	-32.70	3.56	-31.92	5.33	1622.06	212.18	221.55	1612.69	114.58
		316	12.20	4.03	-34.94	3.29	-34.20	5.33	1762.90	231.23	238.69	1755.45	106.58
		101	12.28	-2.66	-35.89	-3.54	-35.01	5.33	1774.08	195.66	216.91	1752.83	181.90
		100	11.33	-2.33	-33.67	-3.26	-32.74	5.33	1635.20	174.66	199.78	1610.08	189.89
271	25	310	10.37	4.27	-33.20	3.49	-32.42	5.36	1481.31	194.69	205.38	1470.62	116.81
		316	11.24	3.98	-35.25	3.24	-34.50	5.36	1609.52	212.55	221.04	1601.04	108.53
		101	11.32	-2.70	-36.20	-3.58	-35.32	5.36	1620.44	176.36	198.47	1598.33	177.34
		100	10.46	-2.40	-34.17	-3.33	-33.24	5.36	1494.18	156.55	182.82	1467.91	185.62
272	6	311	6.26	10.98	-37.22	10.57	-36.82	4.41	792.84	132.60	132.84	792.60	12.70
		317	7.39	10.45	-41.37	10.07	-40.99	4.41	951.55	151.72	151.90	951.38	11.83
		316	7.39	5.24	-42.04	4.82	-41.62	4.41	962.34	138.28	149.53	951.09	95.60
		310	6.27	5.77	-37.90	5.32	-37.44	4.41	806.09	116.70	130.47	792.31	96.47
272	19	311	13.35	19.10	-27.88	18.81	-27.58	3.71	1982.35	346.90	351.21	1978.03	83.89
		317	15.25	18.33	-34.01	18.07	-33.74	3.71	2252.96	380.97	383.86	2250.08	73.40
		316	15.38	8.84	-35.20	8.52	-34.89	3.71	2271.21	330.71	355.27	2246.65	216.92
		310	13.51	9.62	-29.09	9.26	-28.73	3.71	2005.34	291.89	322.62	1974.60	227.41
272	22	311	4.29	8.16	-29.50	7.88	-29.22	3.22	525.76	95.83	97.67	523.92	28.07
		317	5.03	7.85	-31.94	7.59	-31.67	3.22	630.81	109.10	110.35	629.56	25.55
		316	5.06	3.82	-32.45	3.53	-32.16	3.22	641.02	91.19	103.48	628.73	81.28
		310	4.33	4.14	-30.01	3.83	-29.70	3.22	538.77	75.13	90.80	523.10	83.80
272	25	311	4.13	8.12	-30.14	7.85	-29.86	3.26	499.52	94.28	97.68	496.12	36.95
		317	4.83	7.85	-32.32	7.58	-32.05	3.26	598.46	107.38	109.68	596.16	33.51
		316	4.87	3.76	-32.84	3.47	-32.55	3.26	609.65	85.70	100.32	595.04	86.29
		310	4.19	4.04	-30.66	3.73	-30.36	3.26	513.92	69.40	88.31	495.00	89.72
273	5	312	3.60	11.26	-43.55	11.26	-43.55	-0.29	363.42	136.68	144.05	356.04	40.23
		318	4.17	11.31	-43.15	11.31	-43.15	-0.29	454.47	151.22	155.37	450.33	35.21
		317	4.28	10.44	-43.25	10.44	-43.25	-0.29	470.63	119.74	141.68	448.69	84.95
		311	3.74	10.40	-43.65	10.39	-43.65	-0.29	386.06	98.71	130.37	354.40	89.97
273	17	312	5.58	23.48	-17.80	21.29	-15.60	9.26	709.07	21.33	161.83	568.57	-277.29
		318	6.58	22.49	-23.66	20.56	-21.72	9.26	858.40	75.41	183.62	750.19	-270.22
		317	5.99	20.66	-23.96	18.65	-21.95	9.26	803.17	152.21	202.88	752.50	-174.40
		311	4.86	21.67	-18.12	19.39	-15.83	9.26	642.28	109.68	181.08	570.88	-181.47
273	21	312	2.64	8.43	-32.73	8.42	-32.73	-0.42	262.00	99.53	105.29	256.24	30.03
		318	3.06	8.48	-32.32	8.47	-32.32	-0.42	328.97	110.38	113.63	325.72	26.43
		317	3.14	7.89	-32.40	7.89	-32.39	-0.42	341.30	87.05	103.81	324.54	63.09
		311	2.74	7.84	-32.80	7.84	-32.80	-0.42	279.26	71.27	95.47	255.06	66.69
273	24	312	2.64	8.43	-32.73	8.42	-32.73	-0.42	262.00	99.53	105.29	256.24	30.03
		318	3.06	8.48	-32.32	8.47	-32.32	-0.42	328.97	110.38	113.63	325.72	26.43
		317	3.14	7.89	-32.40	7.89	-32.39	-0.42	341.30	87.05	103.81	324.54	63.09
		311	2.74	7.84	-32.80	7.84	-32.80	-0.42	279.26	71.27	95.47	255.06	66.69
274	5	313	3.82	7.68	-39.29	6.86	-38.47	-6.15	437.88	127.23	141.89	423.22	-65.88
		319	4.42	7.77	-38.58	6.94	-37.75	-6.15	533.49	143.75	153.90	523.34	-62.07
		318	4.44	12.78	-37.90	12.03	-37.14	-6.15	524.82	164.04	164.28	524.58	-9.25
		312	3.83	12.69	-38.61	11.94	-37.86	-6.15	425.09	151.64	152.26	424.46	-13.06
274	13	313	5.37	18.05	-21.72	10.47	-14.14	15.62	366.99	-417.12	37.79	-87.92	-386.99
		319	5.34	17.72	-22.67	10.34	-15.28	15.62	398.40	-370.27	46.17	-18.05	-382.99
		318	4.92	20.10	-21.90	13.14	-14.94	15.62	368.25	-327.92	57.06	-16.74	-346.12
		312	4.95	20.41	-20.93	13.28	-13.81	15.62	337.62	-375.57	48.68	-86.62	-350.12
274	21	313	2.77	5.71	-29.46	5.03	-28.78	-4.84	314.25	92.23	103.02	303.46	-47.74
		319	3.21	5.80	-28.82	5.11	-28.13	-4.84	384.00	104.43	111.80	376.64	-44.78
		318	3.23	9.66	-28.29	9.03	-27.66	-4.84	377.75	119.70	119.85	377.60	-6.18
		312	2.78	9.57	-28.93	8.95	-28.31	-4.84	304.85	110.64	111.07	304.42	-9.13
274	24	313	2.77	5.71	-29.46	5.03	-28.78	-4.84	314.25	92.23	103.02	303.46	-47.74
		319	3.21	5.80	-28.82	5.11	-28.13	-4.84	384.00	104.43	111.80	376.64	-44.78
		318	3.23	9.66	-28.29	9.03	-27.66	-4.84	377.75	119.70	119.85	377.60	-6.18
		312	2.78	9.57	-28.93	8.95	-28.31	-4.84	304.85	110.64	111.07	304.42	-9.13
275	5	314	4.77	1.52	-34.35	-1.74	-31.09	-10.32	642.64	59.24	120.52	581.36	-178.87
		320	5.28	1.62	-33.91	-1.69	-30.61	-10.32	720.14	86.07	131.69	674.51	-163.85
		319	5.18	10.60	-32.11	7.94	-29.45	-10.32	704.18	147.88	172.64	679.43	-114.70
		313	4.64	10.52	-32.56	7.88	-29.93	-10.32	622.75	124.98	161.46	586.27	-129.72

275	17	314	6.27	12.37	-17.76	9.86	-15.24	-8.34	439.44	-539.60	15.40	-115.55	-485.12
		320	6.09	11.74	-20.93	9.45	-18.64	-8.34	450.77	-497.81	21.09	-68.12	-472.19
		319	5.90	19.86	-19.47	18.00	-17.61	-8.34	447.41	-454.97	56.33	-63.90	-447.16
		313	6.09	20.42	-16.22	18.41	-14.21	-8.34	436.83	-497.51	50.64	-111.32	-460.10
275	21	314	3.45	1.11	-25.66	-1.50	-23.05	-7.94	462.53	42.36	86.91	417.98	-129.36
		320	3.80	1.20	-25.25	-1.45	-22.60	-7.94	518.07	61.91	94.95	485.02	-118.25
		319	3.74	8.00	-23.85	5.88	-21.73	-7.94	506.66	107.23	125.24	488.65	-82.88
		313	3.35	7.92	-24.27	5.83	-22.17	-7.94	448.30	90.51	117.20	421.61	-93.99
275	24	314	3.45	1.11	-25.66	-1.50	-23.05	-7.94	462.53	42.36	86.91	417.98	-129.36
		320	3.80	1.20	-25.25	-1.45	-22.60	-7.94	518.07	61.91	94.95	485.02	-118.25
		319	3.74	8.00	-23.85	5.88	-21.73	-7.94	506.66	107.23	125.24	488.65	-82.88
		313	3.35	7.92	-24.27	5.83	-22.17	-7.94	448.30	90.51	117.20	421.61	-93.99
276	5	315	6.05	-4.85	-28.56	-11.13	-22.28	-10.46	879.73	39.48	103.91	815.30	-223.58
		321	6.44	-4.96	-28.79	-11.17	-22.59	-10.46	940.14	60.92	112.68	888.38	-206.94
		320	6.35	3.79	-25.67	-0.57	-21.32	-10.46	930.53	121.31	158.01	893.82	-168.39
		314	5.93	3.86	-25.41	-0.54	-21.01	-10.46	868.34	101.64	149.24	820.73	-185.02
276	20	315	5.57	-3.73	-16.44	-3.73	-16.43	-0.29	801.73	87.80	99.63	789.90	91.11
		321	6.16	-3.73	-16.49	-3.74	-16.48	-0.29	895.11	99.39	110.87	883.63	94.90
		320	6.25	-6.28	-16.79	-6.29	-16.78	-0.29	911.24	94.82	121.19	884.87	144.35
		314	5.67	-6.28	-16.74	-6.28	-16.74	-0.29	819.00	82.08	109.95	791.14	140.56
276	21	315	4.35	-3.55	-21.20	-8.52	-16.24	-7.94	633.77	28.64	74.66	587.75	-160.41
		321	4.62	-3.62	-21.34	-8.54	-16.42	-7.94	675.71	43.83	80.78	638.76	-148.27
		320	4.56	2.85	-18.91	-0.59	-15.47	-7.94	669.25	87.36	113.88	642.73	-121.36
		314	4.27	2.90	-18.75	-0.57	-15.28	-7.94	626.10	73.37	107.76	591.72	-133.50
276	24	315	4.35	-3.55	-21.20	-8.52	-16.24	-7.94	633.77	28.64	74.66	587.75	-160.41
		321	4.62	-3.62	-21.34	-8.54	-16.42	-7.94	675.71	43.83	80.78	638.76	-148.27
		320	4.56	2.85	-18.91	-0.59	-15.47	-7.94	669.25	87.36	113.88	642.73	-121.36
		314	4.27	2.90	-18.75	-0.57	-15.28	-7.94	626.10	73.37	107.76	591.72	-133.50
277	6	316	19.16	3.24	-45.40	2.53	-44.68	5.85	2820.38	380.00	386.93	2813.45	129.83
		322	20.41	2.90	-47.97	2.21	-47.29	5.85	3005.55	404.16	409.36	3000.35	116.15
		102	20.50	-3.29	-48.80	-4.05	-48.04	5.85	3013.34	354.61	372.08	2995.88	214.76
		101	19.27	-2.94	-46.24	-3.74	-45.44	5.85	2830.01	328.61	349.65	2808.98	228.44
277	19	316	31.01	5.71	-36.94	4.67	-35.91	6.56	4759.80	648.85	665.26	4743.39	259.24
		322	33.07	5.12	-41.06	4.17	-40.11	6.56	5065.21	689.91	702.38	5052.73	233.29
		102	33.29	-5.04	-42.54	-6.23	-41.36	6.56	5079.59	596.34	631.69	5044.25	396.49
		101	31.26	-4.41	-38.47	-5.72	-37.16	6.56	4777.57	551.91	594.57	4734.91	422.44
277	22	316	12.17	2.25	-34.85	1.78	-34.38	4.16	1762.85	240.08	246.54	1756.39	99.00
		322	12.96	2.04	-36.44	1.59	-35.99	4.16	1878.58	255.72	260.62	1873.69	89.01
		102	13.03	-2.61	-37.06	-3.11	-36.55	4.16	1884.21	219.60	233.39	1870.42	150.89
		101	12.26	-2.39	-35.47	-2.92	-34.94	4.16	1769.82	202.62	219.32	1753.12	160.88
277	25	316	11.21	2.18	-35.14	1.72	-34.68	4.11	1609.13	220.38	227.68	1601.83	100.40
		322	11.93	1.99	-36.60	1.55	-36.16	4.11	1714.79	235.02	240.57	1709.24	90.47
		102	12.00	-2.67	-37.22	-3.16	-36.72	4.11	1720.36	199.13	213.50	1705.99	147.14
		101	11.29	-2.47	-35.76	-2.99	-35.25	4.11	1616.02	183.18	200.61	1598.58	157.07
278	6	317	7.31	7.36	-41.61	7.10	-41.35	3.59	955.24	180.95	181.28	954.90	16.13
		323	8.25	6.99	-44.62	6.74	-44.37	3.59	1089.09	197.27	197.37	1088.99	9.66
		322	8.27	2.77	-45.15	2.50	-44.88	3.59	1093.94	172.67	179.74	1086.87	80.39
		316	7.34	3.15	-42.14	2.87	-41.86	3.59	962.24	154.20	163.65	952.79	86.86
278	19	317	15.17	12.32	-34.61	12.16	-34.45	2.71	2255.68	401.18	404.33	2252.53	76.28
		323	16.72	11.75	-39.24	11.60	-39.10	2.71	2479.17	429.41	431.30	2477.28	62.14
		322	16.83	4.35	-40.15	4.18	-39.99	2.71	2488.24	377.19	392.77	2472.66	180.71
		316	15.30	4.92	-35.53	4.74	-35.34	2.71	2267.87	345.84	365.80	2247.91	194.85
278	22	317	4.98	5.35	-32.13	5.19	-31.96	2.48	632.97	125.41	126.84	631.54	26.91
		323	5.59	5.14	-33.86	4.98	-33.71	2.48	720.98	136.71	137.48	720.21	21.22
		322	5.62	1.99	-34.25	1.82	-34.08	2.48	726.00	114.32	121.98	718.35	68.00
		316	5.02	2.20	-32.52	2.03	-32.34	2.48	639.95	101.06	111.33	629.68	73.70
278	25	317	4.78	5.28	-32.51	5.12	-32.35	2.46	600.26	121.28	123.70	597.84	33.98
		323	5.35	5.09	-34.04	4.94	-33.89	2.46	683.00	132.34	133.75	681.59	27.83
		322	5.39	1.94	-34.43	1.77	-34.27	2.46	688.65	107.94	117.01	679.58	72.02
		316	4.83	2.13	-32.90	1.96	-32.73	2.46	608.03	94.77	106.96	595.83	78.16
279	5	318	4.15	6.80	-43.69	6.80	-43.69	-0.41	453.11	142.25	146.14	449.22	34.54
		324	4.61	6.88	-42.99	6.88	-42.98	-0.41	529.74	153.10	155.51	527.33	30.06
		323	4.69	6.64	-43.01	6.64	-43.01	-0.41	538.71	130.46	143.31	525.86	71.27
		317	4.24	6.55	-43.72	6.55	-43.72	-0.41	465.08	116.61	133.94	447.76	75.74
279	17	318	6.36	15.61	-23.79	14.29	-22.47	7.07	854.83	99.94	202.33	752.43	-258.48
		324	7.31	15.03	-27.59	13.83	-26.38	7.07	995.70	140.77	221.80	914.67	-250.42
		323	6.88	13.64	-27.80	12.40	-26.55	7.07	955.48	205.58	243.76	917.31	-164.83
		317	5.85	14.22	-24.00	12.87	-22.64	7.07	806.41	172.94	224.29	755.07	-172.89
279	21	318	3.04	5.07	-32.74	5.06	-32.73	-0.48	327.98	103.74	106.81	324.90	26.07
		324	3.38	5.14	-32.12	5.14	-32.12	-0.48	384.23	111.77	113.70	382.30	22.85
		323	3.44	5.01	-32.14	5.01	-32.13	-0.48	391.11	95.05	104.92	381.25	53.13
		317	3.11	4.94	-32.75	4.93	-32.75	-0.48	337.13	84.75	98.03	323.85	56.35
279	24	318	3.04	5.07	-32.74	5.06	-32.73	-0.48	327.98	103.74	106.81	324.90	26.07
		324	3.38	5.14	-32.12	5.14	-32.12	-0.48	384.23	111.77	113.70	382.30	22.85
		323	3.44	5.01	-32.14	5.01	-32.13	-0.48	391.11	95.05	104.92	381.25	53.13
		317	3.11	4.94	-32.75	4.93	-32.75	-0.48	337.13	84.75	98.03	323.85	56.35
280	5	319	4.41	4.14	-38.64	3.65	-38.15	-4.55	529.93	138.48	146.01	522.39	-53.79

		325	4.90	4.26	-37.72	3.76	-37.22	-4.55	611.14	150.39	155.99	605.54	-50.48
		324	4.90	8.09	-37.22	7.63	-36.75	-4.55	606.72	164.93	165.03	606.63	-6.61
		318	4.41	7.97	-38.14	7.52	-37.68	-4.55	523.74	154.78	155.05	523.47	-9.92
280	13	319	5.03	10.55	-20.99	5.43	-15.87	11.63	395.30	-361.20	51.51	-17.41	-376.68
		325	5.00	10.46	-21.28	5.39	-16.21	11.63	424.08	-315.84	59.46	48.78	-369.92
		324	4.61	13.08	-20.52	8.41	-15.85	11.63	399.70	-270.85	77.87	50.99	-335.00
		318	4.63	13.16	-20.22	8.45	-15.51	11.63	371.76	-317.04	69.92	-15.20	-341.76
280	21	319	3.20	3.07	-28.83	2.66	-28.43	-3.59	381.34	100.65	106.05	375.95	-38.55
		325	3.55	3.17	-28.06	2.75	-27.65	-3.59	440.57	109.37	113.33	436.62	-35.98
		324	3.56	6.10	-27.68	5.72	-27.29	-3.59	437.50	120.27	120.32	437.45	-3.97
		318	3.20	6.00	-28.45	5.62	-28.07	-3.59	376.95	112.88	113.04	376.78	-6.54
280	24	319	3.20	3.07	-28.83	2.66	-28.43	-3.59	381.34	100.65	106.05	375.95	-38.55
		325	3.55	3.17	-28.06	2.75	-27.65	-3.59	440.57	109.37	113.33	436.62	-35.98
		324	3.56	6.10	-27.68	5.72	-27.29	-3.59	437.50	120.27	120.32	437.45	-3.97
		318	3.20	6.00	-28.45	5.62	-28.07	-3.59	376.95	112.88	113.04	376.78	-6.54
281	5	320	5.27	-0.14	-32.47	-1.97	-30.64	-7.47	710.44	91.05	127.48	674.01	-145.74
		326	5.68	-0.04	-31.91	-1.90	-30.05	-7.47	775.81	109.15	136.43	748.53	-132.06
		325	5.60	6.29	-30.83	4.72	-29.25	-7.47	767.49	159.20	173.69	753.01	-92.75
		319	5.17	6.20	-31.40	4.65	-29.85	-7.47	699.65	143.57	164.75	678.48	-106.42
281	17	320	5.95	7.42	-22.44	4.24	-19.26	-9.21	437.26	-481.94	23.19	-67.87	-457.34
		326	5.72	7.08	-23.94	4.05	-20.91	-9.21	443.34	-439.47	28.39	-24.53	-440.61
		325	5.55	14.15	-22.48	11.66	-20.00	-9.21	447.79	-392.86	73.99	-19.06	-417.74
		319	5.78	14.45	-20.94	11.86	-18.35	-9.21	442.60	-436.20	68.79	-62.40	-434.48
281	21	320	3.80	-0.12	-24.08	-1.59	-22.62	-5.74	510.94	65.70	91.98	484.66	-104.93
		326	4.09	-0.04	-23.61	-1.53	-22.12	-5.74	557.85	78.84	98.41	538.28	-94.83
		325	4.04	4.74	-22.77	3.49	-21.52	-5.74	551.97	115.53	125.93	541.58	-66.55
		319	3.73	4.66	-23.25	3.43	-22.02	-5.74	503.27	104.19	119.49	487.96	-76.64
281	24	320	3.80	-0.12	-24.08	-1.59	-22.62	-5.74	510.94	65.70	91.98	484.66	-104.93
		326	4.09	-0.04	-23.61	-1.53	-22.12	-5.74	557.85	78.84	98.41	538.28	-94.83
		325	4.04	4.74	-22.77	3.49	-21.52	-5.74	551.97	115.53	125.93	541.58	-66.55
		319	3.73	4.66	-23.25	3.43	-22.02	-5.74	503.27	104.19	119.49	487.96	-76.64
282	5	321	6.44	-4.09	-25.30	-7.28	-22.12	-7.57	928.82	73.07	113.42	888.47	-181.39
		327	6.76	-4.10	-25.33	-7.28	-22.16	-7.57	979.73	88.20	120.49	947.44	-166.57
		326	6.68	1.63	-23.88	-0.86	-21.39	-7.57	974.83	138.33	160.88	952.28	-135.46
		320	6.34	1.64	-23.85	-0.86	-21.35	-7.57	922.69	124.43	153.80	893.32	-150.28
282	20	321	6.18	0.70	-16.15	0.52	-15.97	1.73	897.78	101.97	115.56	884.19	103.10
		327	6.70	0.68	-16.30	0.50	-16.12	1.73	979.55	112.36	125.43	966.48	105.67
		326	6.76	-2.95	-16.78	-3.17	-16.56	1.73	993.14	106.62	132.44	967.32	149.08
		320	6.25	-2.93	-16.63	-3.15	-16.41	1.73	912.21	95.38	122.56	885.03	146.51
282	21	321	4.63	-3.00	-18.57	-5.51	-16.06	-5.72	667.61	52.69	81.46	638.84	-129.87
		327	4.85	-3.00	-18.57	-5.51	-16.07	-5.72	703.20	63.44	86.43	680.22	-119.06
		326	4.79	1.23	-17.45	-0.73	-15.49	-5.72	699.94	99.69	115.87	683.75	-97.23
		320	4.56	1.23	-17.45	-0.73	-15.49	-5.72	663.49	89.78	110.91	642.37	-108.04
282	24	321	4.63	-3.00	-18.57	-5.51	-16.06	-5.72	667.61	52.69	81.46	638.84	-129.87
		327	4.85	-3.00	-18.57	-5.51	-16.07	-5.72	703.20	63.44	86.43	680.22	-119.06
		326	4.79	1.23	-17.45	-0.73	-15.49	-5.72	699.94	99.69	115.87	683.75	-97.23
		320	4.56	1.23	-17.45	-0.73	-15.49	-5.72	663.49	89.78	110.91	642.37	-108.04
283	6	322	20.39	1.41	-47.71	1.11	-47.42	3.79	3005.16	410.34	414.53	3000.97	104.16
		328	21.48	0.95	-51.38	0.67	-51.11	3.79	3159.93	430.52	433.27	3157.18	86.60
		103	21.58	-3.79	-51.98	-4.09	-51.68	3.79	3161.73	375.13	385.42	3151.44	169.01
		102	20.50	-3.33	-48.31	-3.65	-47.99	3.79	3008.40	353.50	366.68	2995.23	186.57
283	19	322	33.05	2.13	-40.69	1.83	-40.39	3.56	5062.53	688.58	698.81	5052.30	211.30
		328	34.83	1.34	-46.94	1.07	-46.67	3.56	5315.46	722.29	729.52	5308.23	182.09
		103	35.04	-4.89	-47.72	-5.19	-47.42	3.56	5320.21	628.39	649.93	5298.68	317.12
		102	33.28	-4.09	-41.48	-4.43	-41.14	3.56	5069.70	592.26	619.21	5042.75	346.33
283	22	322	12.94	0.94	-36.27	0.75	-36.09	2.59	1877.81	258.10	262.05	1873.86	79.90
		328	13.63	0.64	-38.64	0.47	-38.47	2.59	1974.61	271.10	273.81	1971.90	67.93
		103	13.70	-2.99	-39.09	-3.18	-38.90	2.59	1976.24	232.96	241.21	1967.98	119.65
		102	13.02	-2.69	-36.72	-2.89	-36.52	2.59	1880.44	218.95	229.45	1869.95	131.62
283	25	322	11.92	0.89	-36.43	0.71	-36.26	2.53	1713.76	236.38	240.86	1709.28	81.23
		328	12.55	0.61	-38.64	0.45	-38.48	2.53	1802.21	248.50	251.63	1799.07	69.75
		103	12.61	-3.05	-39.10	-3.23	-38.92	2.53	1803.98	211.69	220.35	1795.31	117.13
		102	11.99	-2.77	-36.89	-2.96	-36.70	2.53	1716.50	198.60	209.58	1705.52	128.61
284	6	323	8.24	4.55	-44.78	4.41	-44.65	2.60	1088.45	191.11	191.30	1088.26	13.04
		329	9.00	4.14	-48.13	4.01	-48.00	2.60	1193.32	203.77	203.89	1193.20	10.69
		328	9.01	1.14	-48.49	1.00	-48.36	2.60	1196.80	193.14	197.51	1192.44	66.06
		322	8.25	1.55	-45.15	1.40	-45.01	2.60	1092.65	179.76	184.91	1087.49	68.40
284	19	323	16.75	7.16	-39.67	7.12	-39.64	1.29	2475.47	396.26	398.40	2473.33	66.64
		329	18.03	6.46	-45.50	6.42	-45.46	1.29	2649.68	417.55	419.34	2647.88	63.26
		328	18.07	1.18	-46.13	1.14	-46.10	1.29	2657.52	399.41	410.15	2646.78	155.35
		322	16.79	1.88	-40.31	1.84	-40.27	1.29	2484.26	377.18	389.20	2472.23	158.72
284	22	323	5.59	3.26	-34.00	3.18	-33.92	1.74	720.18	129.42	130.26	719.34	22.27
		329	6.09	3.01	-36.01	2.94	-35.93	1.74	789.35	137.99	138.59	788.75	19.76
		328	6.10	0.82	-36.27	0.74	-36.19	1.74	792.74	126.93	131.74	787.93	56.38
		322	5.61	1.07	-34.27	0.98	-34.18	1.74	724.29	117.64	123.41	718.52	58.89
284	25	323	5.35	3.20	-34.18	3.12	-34.11	1.71	681.99	123.77	125.19	680.56	28.16
		329	5.82	2.98	-35.99	2.90	-35.91	1.71	747.21	132.03	133.07	746.17	25.27

		328	5.84	0.80	-36.25	0.72	-36.17	1.71	750.96	119.44	125.17	745.23	59.88
		322	5.38	1.02	-34.45	0.94	-34.37	1.71	686.54	110.38	117.30	679.62	62.78
285	5	324	4.64	3.63	-43.37	3.63	-43.37	-0.13	525.83	122.67	124.85	523.65	29.62
		330	5.02	3.71	-42.68	3.71	-42.68	-0.13	590.21	131.08	132.65	588.63	26.83
		329	5.08	4.13	-42.63	4.13	-42.63	-0.13	595.66	117.12	125.05	587.72	61.11
		323	4.70	4.05	-43.32	4.05	-43.32	-0.13	532.57	107.42	117.26	522.74	63.90
285	17	324	7.20	8.87	-27.75	8.18	-27.06	4.97	983.70	123.98	196.09	911.59	-238.32
		330	8.14	8.33	-31.61	7.71	-30.98	4.97	1119.00	154.27	213.83	1059.44	-232.19
		329	7.82	7.76	-31.69	7.12	-31.05	4.97	1089.13	202.86	230.54	1061.44	-154.18
		323	6.83	8.29	-27.83	7.59	-27.13	4.97	948.52	177.87	212.80	913.59	-160.32
285	21	324	3.39	2.69	-32.41	2.69	-32.41	-0.22	381.36	89.43	91.19	379.60	22.60
		330	3.67	2.76	-31.82	2.76	-31.82	-0.22	428.50	95.63	96.90	427.22	20.59
		329	3.72	3.12	-31.78	3.12	-31.78	-0.22	432.69	85.30	91.42	426.56	45.72
		323	3.44	3.05	-32.37	3.05	-32.37	-0.22	386.52	78.13	85.70	378.94	47.73
285	24	324	3.39	2.69	-32.41	2.69	-32.41	-0.22	381.36	89.43	91.19	379.60	22.60
		330	3.67	2.76	-31.82	2.76	-31.82	-0.22	428.50	95.63	96.90	427.22	20.59
		329	3.72	3.12	-31.78	3.12	-31.78	-0.22	432.69	85.30	91.42	426.56	45.72
		323	3.44	3.05	-32.37	3.05	-32.37	-0.22	386.52	78.13	85.70	378.94	47.73
286	5	325	4.93	1.80	-37.71	1.57	-37.48	-2.99	606.02	122.81	126.79	602.04	-43.69
		331	5.34	1.87	-37.11	1.64	-36.88	-2.99	674.58	132.02	135.12	671.47	-40.91
		330	5.35	4.67	-36.76	4.45	-36.54	-2.99	672.42	142.67	142.70	672.38	-4.27
		324	4.93	4.59	-37.36	4.38	-37.14	-2.99	603.05	134.26	134.37	602.95	-7.05
286	13	325	4.69	4.78	-19.70	1.73	-16.65	8.09	404.87	-314.98	43.07	46.81	-359.92
		331	4.69	4.54	-20.68	1.60	-17.74	8.09	432.77	-274.94	50.35	107.48	-352.70
		330	4.33	6.93	-20.11	4.25	-17.42	8.09	411.24	-231.39	70.01	109.84	-320.70
		324	4.32	7.16	-19.12	4.38	-16.33	8.09	383.93	-272.03	62.73	49.17	-327.91
286	21	325	3.58	1.32	-28.03	1.13	-27.84	-2.36	436.83	89.26	92.03	434.06	-30.89
		331	3.88	1.38	-27.51	1.19	-27.32	-2.36	486.74	95.97	98.10	484.61	-28.76
		330	3.88	3.52	-27.24	3.33	-27.06	-2.36	485.31	103.86	103.87	485.30	-2.10
		324	3.58	3.45	-27.76	3.27	-27.58	-2.36	434.81	97.76	97.81	434.75	-4.22
286	24	325	3.58	1.32	-28.03	1.13	-27.84	-2.36	436.83	89.26	92.03	434.06	-30.89
		331	3.88	1.38	-27.51	1.19	-27.32	-2.36	486.74	95.97	98.10	484.61	-28.76
		330	3.88	3.52	-27.24	3.33	-27.06	-2.36	485.31	103.86	103.87	485.30	-2.10
		324	3.58	3.45	-27.76	3.27	-27.58	-2.36	434.81	97.76	97.81	434.75	-4.22
287	5	326	5.70	-1.24	-30.88	-2.05	-30.07	-4.84	767.89	99.72	120.93	746.68	-117.14
		332	6.05	-1.24	-30.87	-2.05	-30.06	-4.84	822.74	111.08	128.03	805.79	-108.50
		331	6.00	3.24	-30.23	2.52	-29.51	-4.84	817.59	142.61	151.58	808.62	-77.31
		325	5.64	3.24	-30.23	2.52	-29.52	-4.84	761.48	132.51	144.49	749.50	-85.96
287	20	326	5.55	-1.55	-21.76	-1.55	-21.76	-0.04	758.96	46.19	102.73	702.42	192.62
		332	5.67	-1.43	-20.81	-1.43	-20.81	-0.04	784.51	53.46	106.24	731.72	189.22
		331	5.76	-1.36	-20.81	-1.36	-20.81	-0.04	790.97	36.60	96.96	730.61	204.67
		325	5.64	-1.47	-21.76	-1.47	-21.76	-0.04	765.71	29.04	93.45	701.31	208.08
287	21	326	4.11	-0.92	-22.78	-1.57	-22.13	-3.71	552.07	72.06	87.20	536.93	-83.89
		332	4.36	-0.92	-22.72	-1.57	-22.07	-3.71	591.49	80.27	92.30	579.46	-77.49
		331	4.32	2.44	-22.23	1.87	-21.66	-3.71	587.89	103.39	109.73	581.55	-55.06
		325	4.07	2.43	-22.29	1.86	-21.72	-3.71	547.55	96.10	104.63	539.02	-61.45
287	24	326	4.11	-0.92	-22.78	-1.57	-22.13	-3.71	552.07	72.06	87.20	536.93	-83.89
		332	4.36	-0.92	-22.72	-1.57	-22.07	-3.71	591.49	80.27	92.30	579.46	-77.49
		331	4.32	2.44	-22.23	1.87	-21.66	-3.71	587.89	103.39	109.73	581.55	-55.06
		325	4.07	2.43	-22.29	1.86	-21.72	-3.71	547.55	96.10	104.63	539.02	-61.45
288	5	327	6.77	-3.57	-23.18	-4.88	-21.87	-4.90	971.48	89.55	114.33	946.70	-145.74
		333	7.05	-3.61	-23.40	-4.91	-22.10	-4.90	1014.65	99.89	120.06	994.47	-134.35
		332	6.98	0.07	-22.74	-1.04	-21.64	-4.90	1012.03	137.28	151.11	998.20	-109.14
		326	6.70	0.10	-22.52	-1.01	-21.40	-4.90	968.08	127.72	145.38	950.42	-120.54
288	20	327	6.71	2.13	-16.39	1.71	-15.98	2.74	981.19	114.79	129.07	966.92	110.29
		333	7.18	2.08	-16.72	1.67	-16.32	2.74	1054.09	124.11	137.88	1040.33	112.30
		332	7.23	-0.47	-17.09	-0.93	-16.63	2.74	1065.71	118.62	143.35	1040.98	151.03
		326	6.76	-0.42	-16.76	-0.89	-16.29	2.74	993.43	108.69	134.54	967.57	149.02
288	21	327	4.86	-2.61	-16.87	-3.64	-15.84	-3.69	697.30	64.47	82.08	679.70	-104.07
		333	5.06	-2.63	-17.02	-3.66	-16.00	-3.69	727.71	71.82	86.13	713.41	-95.79
		332	5.01	0.07	-16.52	-0.80	-15.65	-3.69	725.98	98.85	108.70	716.12	-78.00
		326	4.81	0.10	-16.37	-0.78	-15.50	-3.69	695.01	92.05	104.66	682.40	-86.28
288	24	327	4.86	-2.61	-16.87	-3.64	-15.84	-3.69	697.30	64.47	82.08	679.70	-104.07
		333	5.06	-2.63	-17.02	-3.66	-16.00	-3.69	727.71	71.82	86.13	713.41	-95.79
		332	5.01	0.07	-16.52	-0.80	-15.65	-3.69	725.98	98.85	108.70	716.12	-78.00
		326	4.81	0.10	-16.37	-0.78	-15.50	-3.69	695.01	92.05	104.66	682.40	-86.28
289	6	328	21.61	1.46	-51.08	1.40	-51.02	1.78	3151.54	364.46	366.79	3149.20	80.67
		334	22.66	0.72	-57.21	0.66	-57.15	1.78	3286.82	380.14	382.97	3284.00	90.59
		104	22.60	-5.07	-57.91	-5.13	-57.85	1.78	3296.30	400.95	410.01	3287.24	161.71
		103	21.55	-4.33	-51.78	-4.40	-51.71	1.78	3160.77	385.51	393.84	3152.45	151.78
289	17	328	35.10	5.03	-31.89	2.99	-29.85	8.44	5390.97	614.39	615.80	5389.56	82.06
		334	36.92	3.64	-40.18	1.95	-38.49	8.44	5637.20	643.11	645.26	5635.05	103.58
		104	36.84	0.60	-40.67	-1.20	-38.87	8.44	5653.07	692.93	703.91	5642.09	233.10
		103	35.01	2.04	-32.44	-0.17	-30.23	8.44	5406.06	664.99	674.45	5396.60	211.57
289	22	328	13.72	1.00	-38.44	0.97	-38.41	1.19	1968.93	227.14	229.50	1966.58	64.00
		334	14.38	0.52	-42.41	0.49	-42.38	1.19	2053.11	236.85	239.56	2050.41	70.08
		104	14.34	-3.88	-42.95	-3.91	-42.91	1.19	2059.64	248.88	256.13	2052.39	114.30

		103	13.68	-3.40	-38.97	-3.43	-38.93	1.19	1975.34	239.30	246.07	1968.57	108.22
289	25	328	12.63	0.96	-38.45	0.93	-38.42	1.16	1796.77	206.83	209.58	1794.02	66.05
		334	13.23	0.52	-42.17	0.48	-42.14	1.16	1873.46	215.65	218.74	1870.37	71.54
		104	13.20	-3.90	-42.70	-3.94	-42.67	1.16	1879.76	226.12	233.72	1872.16	111.82
		103	12.60	-3.45	-38.99	-3.49	-38.95	1.16	1802.98	217.39	224.56	1795.82	106.32
290	6	329	9.08	2.23	-48.33	2.12	-48.22	2.36	1187.18	153.50	153.52	1187.16	4.26
		335	9.84	1.91	-50.96	1.81	-50.85	2.36	1293.06	166.21	166.23	1293.05	-3.99
		334	9.89	1.52	-51.00	1.42	-50.90	2.36	1292.69	141.39	143.73	1290.35	51.87
		328	9.14	1.84	-48.38	1.73	-48.27	2.36	1187.88	127.60	131.02	1184.46	60.13
290	19	329	18.21	3.42	-45.84	3.40	-45.83	0.81	2635.82	306.68	307.98	2634.52	55.09
		335	19.59	2.60	-52.68	2.58	-52.66	0.81	2820.22	329.34	330.16	2819.40	45.21
		334	19.68	0.74	-52.90	0.73	-52.89	0.81	2824.25	295.15	303.23	2816.17	142.75
		328	18.31	1.56	-46.06	1.55	-46.05	0.81	2641.16	271.18	281.05	2631.29	152.63
290	22	329	6.14	1.58	-36.17	1.51	-36.10	1.63	784.76	101.97	102.32	784.40	15.63
		335	6.63	1.40	-37.58	1.34	-37.52	1.63	854.30	110.56	110.70	854.16	10.17
		334	6.67	1.14	-37.62	1.07	-37.55	1.63	855.28	92.89	95.79	852.38	46.97
		328	6.19	1.31	-36.20	1.24	-36.13	1.63	786.55	83.49	87.42	782.61	52.44
290	25	329	5.87	1.54	-36.15	1.47	-36.09	1.60	742.58	96.44	97.15	741.86	21.45
		335	6.33	1.39	-37.35	1.33	-37.29	1.60	808.07	104.67	105.05	807.69	16.30
		334	6.37	1.13	-37.38	1.06	-37.32	1.60	809.63	87.40	91.02	806.01	51.03
		328	5.92	1.28	-36.19	1.21	-36.12	1.60	744.95	78.35	83.12	740.18	56.17
291	5	330	5.09	1.40	-42.96	1.40	-42.96	0.33	584.02	79.64	81.20	582.46	28.00
		336	5.45	1.47	-42.42	1.47	-42.41	0.33	642.94	86.93	88.29	641.58	27.52
		335	5.49	2.29	-42.32	2.29	-42.32	0.33	647.57	80.84	86.99	641.42	58.71
		329	5.14	2.23	-42.86	2.22	-42.86	0.33	589.18	73.01	79.89	582.30	59.19
291	17	330	8.21	3.84	-31.74	3.57	-31.48	3.06	1112.73	89.92	150.78	1051.87	-241.96
		336	9.29	3.11	-37.51	2.88	-37.28	3.06	1255.98	109.05	168.18	1196.85	-253.61
		335	9.09	3.13	-37.51	2.89	-37.28	3.06	1221.95	107.54	136.44	1193.04	-177.12
		329	8.00	3.86	-31.74	3.59	-31.48	3.06	1076.66	90.45	119.05	1048.06	-165.48
291	21	330	3.73	1.03	-32.03	1.03	-32.03	0.17	423.98	58.05	59.32	422.71	21.50
		336	3.98	1.09	-31.55	1.09	-31.55	0.17	467.04	63.40	64.50	465.93	21.12
		335	4.02	1.73	-31.48	1.73	-31.48	0.17	470.54	58.73	63.47	465.81	43.92
		329	3.76	1.68	-31.95	1.68	-31.95	0.17	427.90	52.97	58.28	422.59	44.30
291	24	330	3.73	1.03	-32.03	1.03	-32.03	0.17	423.98	58.05	59.32	422.71	21.50
		336	3.98	1.09	-31.55	1.09	-31.55	0.17	467.04	63.40	64.50	465.93	21.12
		335	4.02	1.73	-31.48	1.73	-31.48	0.17	470.54	58.73	63.47	465.81	43.92
		329	3.76	1.68	-31.95	1.68	-31.95	0.17	427.90	52.97	58.28	422.59	44.30
292	5	331	5.43	0.50	-37.10	0.42	-37.02	-1.72	667.48	80.60	82.88	665.20	-36.50
		337	5.83	0.50	-37.14	0.42	-37.06	-1.72	730.26	88.73	90.48	728.52	-33.43
		336	5.82	2.21	-36.93	2.13	-36.86	-1.72	729.52	98.85	98.85	729.52	-0.03
		330	5.42	2.21	-36.89	2.14	-36.82	-1.72	666.23	91.23	91.25	666.21	-3.10
292	17	331	4.50	2.24	-29.00	2.14	-28.90	-1.81	491.63	-212.30	51.20	228.14	-340.67
		337	4.87	1.56	-34.53	1.47	-34.44	-1.81	543.81	-179.33	60.32	304.16	-340.39
		336	4.53	3.33	-34.32	3.24	-34.23	-1.81	506.63	-141.31	61.07	304.25	-300.28
		330	4.12	4.01	-28.79	3.91	-28.69	-1.81	453.30	-173.13	51.94	228.23	-300.56
292	21	331	3.94	0.36	-27.49	0.29	-27.43	-1.36	481.59	58.62	60.16	480.06	-25.45
		337	4.23	0.36	-27.45	0.29	-27.39	-1.36	527.20	64.51	65.67	526.03	-23.20
		336	4.22	1.67	-27.29	1.60	-27.23	-1.36	526.77	71.80	71.80	526.77	1.06
		330	3.93	1.66	-27.33	1.60	-27.27	-1.36	480.80	66.28	66.29	480.79	-1.19
292	24	331	3.94	0.36	-27.49	0.29	-27.43	-1.36	481.59	58.62	60.16	480.06	-25.45
		337	4.23	0.36	-27.45	0.29	-27.39	-1.36	527.20	64.51	65.67	526.03	-23.20
		336	4.22	1.67	-27.29	1.60	-27.23	-1.36	526.77	71.80	71.80	526.77	1.06
		330	3.93	1.66	-27.33	1.60	-27.27	-1.36	480.80	66.28	66.29	480.79	-1.19
293	5	332	6.14	-1.34	-30.24	-1.58	-30.01	-2.61	815.43	69.35	84.25	800.54	-104.37
		338	6.53	-1.46	-31.17	-1.69	-30.94	-2.61	872.67	78.90	91.41	860.17	-98.83
		337	6.49	1.41	-30.81	1.20	-30.59	-2.61	867.94	100.53	106.49	861.98	-67.37
		331	6.09	1.53	-29.88	1.31	-29.66	-2.61	809.83	91.86	99.34	802.35	-72.91
293	20	332	5.73	0.42	-20.61	0.40	-20.59	0.54	781.84	32.12	84.81	729.15	191.64
		338	5.83	0.75	-17.89	0.73	-17.87	0.54	811.90	39.14	88.78	762.26	189.46
		337	5.91	0.05	-17.97	0.03	-17.95	0.54	819.66	24.72	82.83	761.54	206.92
		331	5.81	-0.28	-20.69	-0.29	-20.68	0.54	789.93	17.36	78.86	728.44	209.11
293	21	332	4.43	-0.99	-22.22	-1.19	-22.02	-2.01	586.20	50.21	60.74	575.67	-74.38
		338	4.71	-1.07	-22.83	-1.26	-22.65	-2.01	627.39	57.08	65.89	618.58	-70.32
		337	4.68	1.07	-22.56	0.89	-22.39	-2.01	624.06	72.78	76.94	619.91	-47.68
		331	4.39	1.15	-21.94	0.97	-21.77	-2.01	582.24	66.55	71.79	576.99	-51.74
293	24	332	4.43	-0.99	-22.22	-1.19	-22.02	-2.01	586.20	50.21	60.74	575.67	-74.38
		338	4.71	-1.07	-22.83	-1.26	-22.65	-2.01	627.39	57.08	65.89	618.58	-70.32
		337	4.68	1.07	-22.56	0.89	-22.39	-2.01	624.06	72.78	76.94	619.91	-47.68
		331	4.39	1.15	-21.94	0.97	-21.77	-2.01	582.24	66.55	71.79	576.99	-51.74
294	5	333	7.09	-3.75	-22.22	-3.98	-21.99	-2.05	1010.71	92.49	109.95	993.26	-125.39
		339	7.38	-3.98	-23.97	-4.19	-23.76	-2.05	1048.97	97.50	114.58	1031.89	-126.35
		338	7.38	-0.60	-23.53	-0.78	-23.35	-2.05	1043.63	99.92	111.97	1031.58	-105.97
		332	7.09	-0.37	-21.78	-0.57	-21.58	-2.05	1005.22	95.06	107.34	992.94	-105.01
294	20	333	7.17	0.70	-16.89	0.29	-16.48	2.65	1054.71	122.65	137.12	1040.23	115.25
		339	7.63	0.63	-17.41	0.23	-17.02	2.65	1124.93	133.53	145.81	1112.65	109.67
		338	7.74	1.23	-17.33	0.84	-16.94	2.65	1132.64	108.79	130.61	1110.82	147.87
		332	7.29	1.30	-16.80	0.91	-16.41	2.65	1063.42	96.91	121.92	1038.41	153.45

294	21	333	5.09	-2.72	-16.10	-2.91	-15.91	-1.57	724.88	66.52	78.87	712.54	-89.30
		339	5.30	-2.88	-17.33	-3.06	-17.16	-1.57	751.93	70.07	82.14	739.86	-89.93
		338	5.30	-0.42	-17.01	-0.57	-16.86	-1.57	748.19	71.87	80.41	739.65	-75.52
		332	5.09	-0.26	-15.77	-0.42	-15.61	-1.57	721.04	68.43	77.14	712.33	-74.89
294	24	333	5.09	-2.72	-16.10	-2.91	-15.91	-1.57	724.88	66.52	78.87	712.54	-89.30
		339	5.30	-2.88	-17.33	-3.06	-17.16	-1.57	751.93	70.07	82.14	739.86	-89.93
		338	5.30	-0.42	-17.01	-0.57	-16.86	-1.57	748.19	71.87	80.41	739.65	-75.52
		332	5.09	-0.26	-15.77	-0.42	-15.61	-1.57	721.04	68.43	77.14	712.33	-74.89
295	6	334	23.02	0.94	-57.26	0.81	-57.13	2.75	3265.44	205.67	208.10	3263.01	86.17
		340	23.16	1.84	-49.94	1.69	-49.79	2.75	3324.58	213.25	215.25	3322.58	78.79
		105	23.16	-3.86	-50.64	-4.02	-50.48	2.75	3324.05	191.28	195.16	3320.17	110.22
		104	23.02	-4.76	-57.96	-4.90	-57.82	2.75	3265.10	183.52	188.01	3260.60	117.59
295	17	334	37.59	2.20	-39.24	1.50	-38.54	5.33	5599.19	324.43	326.78	5596.83	111.39
		340	38.24	2.38	-37.93	1.66	-37.21	5.33	5708.87	337.60	339.94	5706.53	112.22
		105	38.22	-0.91	-38.38	-1.68	-37.61	5.33	5712.19	336.82	342.21	5706.80	170.09
		104	37.57	-1.09	-39.70	-1.84	-38.94	5.33	5602.54	323.61	329.05	5597.10	169.26
295	22	334	14.61	0.64	-42.46	0.55	-42.37	1.96	2039.21	125.76	127.95	2037.01	64.76
		340	14.64	1.36	-36.52	1.26	-36.42	1.96	2074.41	130.28	132.21	2072.49	61.17
		105	14.63	-2.91	-37.05	-3.03	-36.94	1.96	2074.58	119.16	122.43	2071.31	79.89
		104	14.59	-3.64	-42.99	-3.74	-42.89	1.96	2039.47	114.55	118.17	2035.84	83.48
295	25	334	13.45	0.61	-42.22	0.53	-42.13	1.92	1860.42	113.07	115.51	1857.98	65.27
		340	13.45	1.36	-36.12	1.26	-36.02	1.92	1891.60	117.07	119.28	1889.39	62.61
		105	13.43	-2.92	-36.65	-3.03	-36.54	1.92	1892.04	108.51	112.03	1888.52	79.18
		104	13.42	-3.67	-42.74	-3.76	-42.65	1.92	1860.93	104.44	108.26	1857.11	81.84
296	6	335	9.96	0.53	-51.07	0.47	-51.01	1.81	1285.32	100.85	100.95	1285.21	-11.14
		341	10.74	0.30	-52.96	0.24	-52.90	1.81	1399.04	111.51	114.28	1396.27	-59.62
		340	11.04	1.40	-52.83	1.34	-52.77	1.81	1380.42	-17.81	-17.81	1380.42	-1.02
		334	10.30	1.63	-50.94	1.56	-50.88	1.81	1271.09	-32.87	-31.14	1269.36	47.45
296	19	335	19.88	0.98	-52.88	0.96	-52.86	1.01	2801.42	178.13	178.36	2801.19	24.86
		341	21.37	0.13	-59.91	0.11	-59.89	1.01	3002.44	201.77	202.43	3001.78	-43.09
		340	21.82	0.92	-59.81	0.91	-59.80	1.01	2980.88	15.94	17.27	2979.56	62.74
		334	20.39	1.77	-52.78	1.75	-52.76	1.01	2785.08	-12.92	-6.80	2778.97	130.68
296	22	335	6.71	0.34	-37.69	0.29	-37.64	1.31	848.56	63.85	63.86	848.54	3.52
		341	7.20	0.24	-38.47	0.20	-38.42	1.31	921.60	71.76	72.54	920.82	-25.71
		340	7.39	1.08	-38.37	1.04	-38.32	1.31	911.43	-7.31	-7.14	911.26	12.42
		334	6.93	1.17	-37.59	1.13	-37.54	1.31	841.01	-17.84	-15.81	838.98	41.66
296	25	335	6.41	0.32	-37.46	0.27	-37.41	1.29	802.24	58.59	58.70	802.13	9.05
		341	6.86	0.25	-37.99	0.21	-37.94	1.29	870.16	66.46	66.82	869.80	-16.97
		340	7.04	1.08	-37.89	1.04	-37.84	1.29	861.70	-4.50	-4.09	861.29	18.73
		334	6.61	1.15	-37.36	1.11	-37.31	1.29	796.10	-14.69	-12.21	793.62	44.76
297	5	336	5.58	0.22	-42.57	0.22	-42.56	0.29	634.99	23.30	24.38	633.91	25.77
		342	5.82	0.07	-43.81	0.07	-43.81	0.29	666.85	27.02	28.20	665.67	27.44
		341	5.82	0.62	-43.74	0.62	-43.74	0.29	669.29	29.69	32.76	666.22	44.20
		335	5.58	0.77	-42.50	0.77	-42.50	0.29	637.43	25.98	28.95	634.45	42.53
297	17	336	9.22	1.24	-37.51	1.22	-37.48	1.07	1225.45	57.13	94.56	1188.02	-205.75
		342	10.03	-0.02	-47.99	-0.04	-47.96	1.07	1299.60	50.69	101.82	1248.48	-247.45
		341	10.20	0.07	-47.98	0.05	-47.95	1.07	1271.06	-48.04	-11.82	1234.84	-215.56
		335	9.40	1.34	-37.50	1.31	-37.47	1.07	1199.19	-43.89	-19.08	1174.38	-173.86
297	21	336	4.07	0.15	-31.67	0.15	-31.67	0.19	461.21	17.07	17.94	460.34	19.65
		342	4.25	0.04	-32.53	0.04	-32.53	0.19	484.41	19.79	20.72	483.48	20.76
		341	4.25	0.48	-32.47	0.48	-32.47	0.19	486.20	21.41	23.76	483.85	32.97
		335	4.08	0.59	-31.61	0.59	-31.61	0.19	463.00	18.68	20.98	460.71	31.85
297	24	336	4.07	0.15	-31.67	0.15	-31.67	0.19	461.21	17.07	17.94	460.34	19.65
		342	4.25	0.04	-32.53	0.04	-32.53	0.19	484.41	19.79	20.72	483.48	20.76
		341	4.25	0.48	-32.47	0.48	-32.47	0.19	486.20	21.41	23.76	483.85	32.97
		335	4.08	0.59	-31.61	0.59	-31.61	0.19	463.00	18.68	20.98	460.71	31.85
298	5	337	5.97	-0.15	-37.14	-0.16	-37.13	-0.67	720.97	22.33	22.90	720.41	-19.86
		343	6.22	-0.32	-38.56	-0.33	-38.55	-0.67	754.99	26.68	27.01	754.66	-15.44
		342	6.21	0.72	-38.44	0.71	-38.43	-0.67	756.12	39.04	39.05	756.11	2.63
		336	5.95	0.90	-37.02	0.88	-37.01	-0.67	721.86	34.93	34.94	721.85	-1.78
298	17	337	4.33	0.57	-34.58	0.54	-34.55	-1.01	468.29	-135.61	31.92	300.75	-270.38
		343	4.84	-0.59	-44.16	-0.61	-44.14	-1.01	508.68	-137.89	36.01	334.78	-286.70
		342	4.79	0.45	-44.03	0.43	-44.01	-1.01	477.93	-156.96	-8.47	329.44	-268.75
		336	4.28	1.61	-34.46	1.58	-34.43	-1.01	437.12	-154.26	-12.55	295.42	-252.43
298	21	337	4.33	-0.13	-27.45	-0.14	-27.44	-0.53	520.52	16.36	16.73	520.16	-13.55
		343	4.51	-0.24	-28.44	-0.25	-28.43	-0.53	545.28	19.51	19.72	545.07	-10.43
		342	4.50	0.56	-28.34	0.55	-28.33	-0.53	546.10	28.22	28.23	546.09	2.71
		336	4.31	0.67	-27.35	0.67	-27.34	-0.53	521.18	25.24	25.24	521.18	-0.41
298	24	337	4.33	-0.13	-27.45	-0.14	-27.44	-0.53	520.52	16.36	16.73	520.16	-13.55
		343	4.51	-0.24	-28.44	-0.25	-28.43	-0.53	545.28	19.51	19.72	545.07	-10.43
		342	4.50	0.56	-28.34	0.55	-28.33	-0.53	546.10	28.22	28.23	546.09	2.71
		336	4.31	0.67	-27.35	0.67	-27.34	-0.53	521.18	25.24	25.24	521.18	-0.41
299	5	338	6.68	-0.51	-30.84	-0.54	-30.80	-1.03	859.41	13.48	21.15	851.74	-80.16
		344	7.01	-0.59	-31.52	-0.63	-31.48	-1.03	907.86	20.99	27.14	901.71	-73.64
		343	6.95	0.57	-31.38	0.54	-31.34	-1.03	906.43	42.32	44.91	903.84	-47.28
		337	6.62	0.65	-30.70	0.62	-30.66	-1.03	857.41	35.38	38.92	853.87	-53.80
299	20	338	5.84	0.32	-17.92	0.32	-17.92	0.15	783.96	-11.91	18.26	753.80	151.98

		344	5.93	0.93	-12.83	0.93	-12.83	0.15	822.26	-10.39	22.53	789.34	162.25
		343	5.94	0.53	-12.88	0.53	-12.87	0.15	834.49	8.73	50.52	792.70	181.01
		337	5.84	-0.08	-17.97	-0.08	-17.97	0.15	796.03	7.38	46.26	757.16	170.73
299	21	338	4.82	-0.39	-22.57	-0.42	-22.54	-0.79	617.91	9.97	15.36	612.52	-56.99
		344	5.05	-0.45	-23.01	-0.47	-22.98	-0.79	652.77	15.34	19.67	648.44	-52.35
		343	5.01	0.44	-22.90	0.41	-22.88	-0.79	651.76	30.50	32.30	649.96	-33.40
		337	4.77	0.49	-22.47	0.46	-22.44	-0.79	616.49	25.53	27.99	614.03	-38.04
299	24	338	4.82	-0.39	-22.57	-0.42	-22.54	-0.79	617.91	9.97	15.36	612.52	-56.99
		344	5.05	-0.45	-23.01	-0.47	-22.98	-0.79	652.77	15.34	19.67	648.44	-52.35
		343	5.01	0.44	-22.90	0.41	-22.88	-0.79	651.76	30.50	32.30	649.96	-33.40
		337	4.77	0.49	-22.47	0.46	-22.44	-0.79	616.49	25.53	27.99	614.03	-38.04
300	5	339	7.49	-3.01	-23.62	-3.01	-23.61	0.17	1034.30	42.67	52.52	1024.44	-98.36
		345	7.71	-3.31	-26.13	-3.31	-26.13	0.17	1055.89	44.58	55.04	1045.43	-102.33
		344	7.75	0.07	-25.73	0.06	-25.72	0.17	1052.39	35.97	44.23	1044.13	-91.26
		338	7.53	0.37	-23.21	0.37	-23.21	0.17	1030.85	34.01	41.72	1023.15	-87.29
300	20	339	7.77	-1.05	-17.18	-1.05	-17.17	-0.33	1110.82	58.25	66.01	1103.07	90.01
		345	7.73	0.06	-8.06	0.04	-8.05	-0.33	1148.85	63.49	70.64	1141.70	87.84
		344	7.79	1.54	-7.88	1.53	-7.87	-0.33	1151.76	53.95	64.72	1140.99	108.22
		338	7.84	0.44	-17.00	0.43	-16.99	-0.33	1113.92	48.52	60.09	1102.36	110.39
300	21	339	5.37	-2.18	-17.05	-2.18	-17.05	0.08	741.48	30.72	37.68	734.52	-69.98
		345	5.52	-2.39	-18.77	-2.39	-18.77	0.08	756.69	32.05	39.45	749.29	-72.84
		344	5.55	0.07	-18.47	0.07	-18.47	0.08	754.21	25.80	31.66	748.36	-65.05
		338	5.41	0.27	-16.76	0.27	-16.76	0.08	739.04	24.43	29.88	733.59	-62.19
300	24	339	5.37	-2.18	-17.05	-2.18	-17.05	0.08	741.48	30.72	37.68	734.52	-69.98
		345	5.52	-2.39	-18.77	-2.39	-18.77	0.08	756.69	32.05	39.45	749.29	-72.84
		344	5.55	0.07	-18.47	0.07	-18.47	0.08	754.21	25.80	31.66	748.36	-65.05
		338	5.41	0.27	-16.76	0.27	-16.76	0.08	739.04	24.43	29.88	733.59	-62.19
301	6	463	23.16	1.84	-49.94	1.69	-49.79	-2.75	3324.58	213.25	215.25	3322.58	-78.79
		346	23.02	0.94	-57.26	0.81	-57.13	-2.75	3265.44	205.67	208.10	3263.01	-86.17
		185	23.02	-4.76	-57.96	-4.90	-57.82	-2.75	3265.10	183.52	188.01	3260.60	-117.59
		222	23.16	-3.86	-50.64	-4.02	-50.48	-2.75	3324.05	191.28	195.16	3320.17	-110.22
301	19	463	38.24	2.38	-37.93	1.66	-37.21	-5.33	5708.87	337.60	339.94	5706.53	-112.22
		346	37.59	2.20	-39.24	1.50	-38.54	-5.33	5599.19	324.43	326.78	5596.83	-111.39
		185	37.57	-1.09	-39.70	-1.84	-38.94	-5.33	5602.54	323.61	329.05	5597.10	-169.26
		222	38.22	-0.91	-38.38	-1.68	-37.61	-5.33	5712.19	336.82	342.21	5706.80	-170.09
301	22	463	14.64	1.36	-36.52	1.26	-36.42	-1.96	2074.41	130.28	132.21	2072.49	-61.17
		346	14.61	0.64	-42.46	0.55	-42.37	-1.96	2039.21	125.76	127.95	2037.01	-64.76
		185	14.59	-3.64	-42.99	-3.74	-42.89	-1.96	2039.47	114.55	118.17	2035.84	-83.48
		222	14.63	-2.91	-37.05	-3.03	-36.94	-1.96	2074.58	119.16	122.43	2071.31	-79.89
301	25	463	13.45	1.36	-36.12	1.26	-36.02	-1.92	1891.60	117.07	119.28	1889.39	-62.61
		346	13.45	0.61	-42.22	0.53	-42.13	-1.92	1860.42	113.07	115.51	1857.98	-65.27
		185	13.42	-3.67	-42.74	-3.76	-42.65	-1.92	1860.93	104.44	108.26	1857.11	-81.84
		222	13.43	-2.92	-36.65	-3.03	-36.54	-1.92	1892.04	108.51	112.03	1888.52	-79.18
302	6	464	10.74	0.30	-52.96	0.24	-52.90	-1.81	1399.04	111.51	114.28	1396.27	59.62
		347	9.96	0.53	-51.07	0.47	-51.01	-1.81	1285.32	100.85	100.95	1285.21	11.14
		346	10.30	1.63	-50.94	1.56	-50.88	-1.81	1271.09	-32.87	-31.14	1269.36	-47.45
		463	11.04	1.40	-52.83	1.34	-52.77	-1.81	1380.42	-17.81	-17.81	1380.42	1.02
302	17	464	21.37	0.13	-59.91	0.11	-59.89	-1.01	3002.44	201.77	202.43	3001.78	43.09
		347	19.88	0.98	-52.88	0.96	-52.86	-1.01	2801.42	178.13	178.36	2801.19	-24.86
		346	20.39	1.77	-52.78	1.75	-52.76	-1.01	2785.08	-12.92	-6.80	2778.97	-130.68
		463	21.82	0.92	-59.81	0.91	-59.80	-1.01	2980.88	15.94	17.27	2979.56	-62.74
302	22	464	7.20	0.24	-38.47	0.20	-38.42	-1.31	921.60	71.76	72.54	920.82	25.71
		347	6.71	0.34	-37.69	0.29	-37.64	-1.31	848.56	63.85	63.86	848.54	-3.52
		346	6.93	1.17	-37.59	1.13	-37.54	-1.31	841.01	-17.84	-15.81	838.98	-41.66
		463	7.39	1.08	-38.37	1.04	-38.32	-1.31	911.43	-7.31	-7.14	911.26	-12.42
302	25	464	6.86	0.25	-37.99	0.21	-37.94	-1.29	870.16	66.46	66.82	869.80	16.97
		347	6.41	0.32	-37.46	0.27	-37.41	-1.29	802.24	58.59	58.70	802.13	-9.05
		346	6.61	1.15	-37.36	1.11	-37.31	-1.29	796.10	-14.69	-12.21	793.62	-44.76
		463	7.04	1.08	-37.89	1.04	-37.84	-1.29	861.70	-4.50	-4.09	861.29	-18.73
303	5	465	5.82	0.07	-43.81	0.07	-43.81	-0.29	666.85	27.02	28.20	665.67	-27.44
		348	5.58	0.22	-42.57	0.22	-42.56	-0.29	634.99	23.30	24.38	633.91	-25.77
		347	5.58	0.77	-42.50	0.77	-42.50	-0.29	637.43	25.98	28.95	634.45	-42.53
		464	5.82	0.62	-43.74	0.62	-43.74	-0.29	669.29	29.69	32.76	666.22	-44.20
303	19	465	10.03	-0.02	-47.99	-0.04	-47.96	-1.07	1299.60	50.69	101.82	1248.48	247.45
		348	9.22	1.24	-37.51	1.22	-37.48	-1.07	1225.45	57.13	94.56	1188.02	205.75
		347	9.40	1.34	-37.50	1.31	-37.47	-1.07	1199.19	-43.89	-19.08	1174.38	173.86
		464	10.20	0.07	-47.98	0.05	-47.95	-1.07	1271.06	-48.04	-11.82	1234.84	215.56
303	21	465	4.25	0.04	-32.53	0.04	-32.53	-0.19	484.41	19.79	20.72	483.48	-20.76
		348	4.07	0.15	-31.67	0.15	-31.67	-0.19	461.21	17.07	17.94	460.34	-19.65
		347	4.08	0.59	-31.61	0.59	-31.61	-0.19	463.00	18.68	20.98	460.71	-31.85
		464	4.25	0.48	-32.47	0.48	-32.47	-0.19	486.20	21.41	23.76	483.85	-32.97
303	24	465	4.25	0.04	-32.53	0.04	-32.53	-0.19	484.41	19.79	20.72	483.48	-20.76
		348	4.07	0.15	-31.67	0.15	-31.67	-0.19	461.21	17.07	17.94	460.34	-19.65
		347	4.08	0.59	-31.61	0.59	-31.61	-0.19	463.00	18.68	20.98	460.71	-31.85
		464	4.25	0.48	-32.47	0.48	-32.47	-0.19	486.20	21.41	23.76	483.85	-32.97
304	5	466	6.22	-0.32	-38.56	-0.33	-38.55	0.67	754.99	26.68	27.01	754.66	15.44
		349	5.97	-0.15	-37.14	-0.16	-37.13	0.67	720.97	22.33	22.90	720.41	19.86

		348	5.95	0.90	-37.02	0.88	-37.01	0.67	721.86	34.93	34.94	721.85	1.78
		465	6.21	0.72	-38.44	0.71	-38.43	0.67	756.12	39.04	39.05	756.11	-2.63
304	19	466	4.84	-0.59	-44.16	-0.61	-44.14	1.01	508.68	-137.89	36.01	334.78	286.70
		349	4.33	0.57	-34.58	0.54	-34.55	1.01	468.29	-135.61	31.92	300.75	270.38
		348	4.28	1.61	-34.46	1.58	-34.43	1.01	437.12	-154.26	-12.55	295.42	252.43
		465	4.79	0.45	-44.03	0.43	-44.01	1.01	477.93	-156.96	-8.47	329.44	268.75
304	21	466	4.51	-0.24	-28.44	-0.25	-28.43	0.53	545.28	19.51	19.72	545.07	10.43
		349	4.33	-0.13	-27.45	-0.14	-27.44	0.53	520.52	16.36	16.73	520.16	13.55
		348	4.31	0.67	-27.35	0.67	-27.34	0.53	521.18	25.24	25.24	521.18	0.41
		465	4.50	0.56	-28.34	0.55	-28.33	0.53	546.10	28.22	28.23	546.09	-2.71
304	24	466	4.51	-0.24	-28.44	-0.25	-28.43	0.53	545.28	19.51	19.72	545.07	10.43
		349	4.33	-0.13	-27.45	-0.14	-27.44	0.53	520.52	16.36	16.73	520.16	13.55
		348	4.31	0.67	-27.35	0.67	-27.34	0.53	521.18	25.24	25.24	521.18	0.41
		465	4.50	0.56	-28.34	0.55	-28.33	0.53	546.10	28.22	28.23	546.09	-2.71
305	5	467	7.01	-0.59	-31.52	-0.63	-31.48	1.03	907.86	20.99	27.14	901.71	73.64
		350	6.68	-0.51	-30.84	-0.54	-30.80	1.03	859.41	13.48	21.15	851.74	80.16
		349	6.62	0.65	-30.70	0.62	-30.66	1.03	857.41	35.38	38.92	853.87	53.80
		466	6.95	0.57	-31.38	0.54	-31.34	1.03	906.43	42.32	44.91	903.84	47.28
305	18	467	5.93	0.93	-12.83	0.93	-12.83	-0.15	822.26	-10.39	22.53	789.34	-162.25
		350	5.84	0.32	-17.92	0.32	-17.92	-0.15	783.96	-11.91	18.26	753.80	-151.98
		349	5.84	-0.08	-17.97	-0.08	-17.97	-0.15	796.03	7.38	46.26	757.16	-170.73
		466	5.94	0.53	-12.88	0.53	-12.87	-0.15	834.49	8.73	50.52	792.70	-181.01
305	21	467	5.05	-0.45	-23.01	-0.47	-22.98	0.79	652.77	15.34	19.67	648.44	52.35
		350	4.82	-0.39	-22.57	-0.42	-22.54	0.79	617.91	9.97	15.36	612.52	56.99
		349	4.77	0.49	-22.47	0.46	-22.44	0.79	616.49	25.53	27.99	614.03	38.04
		466	5.01	0.44	-22.90	0.41	-22.88	0.79	651.76	30.50	32.30	649.96	33.40
305	24	467	5.05	-0.45	-23.01	-0.47	-22.98	0.79	652.77	15.34	19.67	648.44	52.35
		350	4.82	-0.39	-22.57	-0.42	-22.54	0.79	617.91	9.97	15.36	612.52	56.99
		349	4.77	0.49	-22.47	0.46	-22.44	0.79	616.49	25.53	27.99	614.03	38.04
		466	5.01	0.44	-22.90	0.41	-22.88	0.79	651.76	30.50	32.30	649.96	33.40
306	5	468	7.71	-3.31	-26.13	-3.31	-26.13	-0.17	1055.89	44.58	55.04	1045.43	102.33
		351	7.49	-3.01	-23.62	-3.01	-23.61	-0.17	1034.30	42.67	52.52	1024.44	98.36
		350	7.53	0.37	-23.21	0.37	-23.21	-0.17	1030.85	34.01	41.72	1023.15	87.29
		467	7.75	0.07	-25.73	0.06	-25.72	-0.17	1052.39	35.97	44.23	1044.13	91.26
306	18	468	7.73	0.06	-8.06	0.04	-8.05	0.33	1148.85	63.49	70.64	1141.70	-87.84
		351	7.77	-1.05	-17.18	-1.05	-17.17	0.33	1110.82	58.25	66.01	1103.07	-90.01
		350	7.84	0.44	-17.00	0.43	-16.99	0.33	1113.92	48.52	60.09	1102.36	-110.39
		467	7.79	1.54	-7.88	1.53	-7.87	0.33	1151.76	53.95	64.72	1140.99	-108.22
306	21	468	5.52	-2.39	-18.77	-2.39	-18.77	-0.08	756.69	32.05	39.45	749.29	72.84
		351	5.37	-2.18	-17.05	-2.18	-17.05	-0.08	741.48	30.72	37.68	734.52	69.98
		350	5.41	0.27	-16.76	0.27	-16.76	-0.08	739.04	24.43	29.88	733.59	62.19
		467	5.55	0.07	-18.47	0.07	-18.47	-0.08	754.21	25.80	31.66	748.36	65.05
306	24	468	5.52	-2.39	-18.77	-2.39	-18.77	-0.08	756.69	32.05	39.45	749.29	72.84
		351	5.37	-2.18	-17.05	-2.18	-17.05	-0.08	741.48	30.72	37.68	734.52	69.98
		350	5.41	0.27	-16.76	0.27	-16.76	-0.08	739.04	24.43	29.88	733.59	62.19
		467	5.55	0.07	-18.47	0.07	-18.47	-0.08	754.21	25.80	31.66	748.36	65.05
307	6	346	22.66	0.72	-57.21	0.66	-57.15	-1.78	3286.82	380.14	382.97	3284.00	-90.59
		352	21.61	1.46	-51.08	1.40	-51.02	-1.78	3151.54	364.46	366.79	3149.20	-80.67
		186	21.55	-4.33	-51.78	-4.40	-51.71	-1.78	3160.77	385.51	393.84	3152.45	-151.78
		185	22.60	-5.07	-57.91	-5.13	-57.85	-1.78	3296.30	400.95	410.01	3287.24	-161.71
307	19	346	36.92	3.64	-40.18	1.95	-38.49	-8.44	5637.20	643.11	645.26	5635.05	-103.58
		352	35.10	5.03	-31.89	2.99	-29.85	-8.44	5390.97	614.39	615.80	5389.56	-82.06
		186	35.01	2.04	-32.44	-0.17	-30.23	-8.44	5406.06	664.99	674.45	5396.60	-211.57
		185	36.84	0.60	-40.67	-1.20	-38.87	-8.44	5653.07	692.93	703.91	5642.09	-233.10
307	22	346	14.38	0.52	-42.41	0.49	-42.38	-1.19	2053.11	236.85	239.56	2050.41	-70.08
		352	13.72	1.00	-38.44	0.97	-38.41	-1.19	1968.93	227.14	229.50	1966.58	-64.00
		186	13.68	-3.40	-38.97	-3.43	-38.93	-1.19	1975.34	239.30	246.07	1968.57	-108.22
		185	14.34	-3.88	-42.95	-3.91	-42.91	-1.19	2059.64	248.88	256.13	2052.39	-114.30
307	25	346	13.23	0.52	-42.17	0.48	-42.14	-1.16	1873.46	215.65	218.74	1870.37	-71.54
		352	12.63	0.96	-38.45	0.93	-38.42	-1.16	1796.77	206.83	209.58	1794.02	-66.05
		186	12.60	-3.45	-38.99	-3.49	-38.95	-1.16	1802.98	217.39	224.56	1795.82	-106.32
		185	13.20	-3.90	-42.70	-3.94	-42.67	-1.16	1879.76	226.12	233.72	1872.16	-111.82
308	6	347	9.84	1.91	-50.96	1.81	-50.85	-2.36	1293.06	166.21	166.23	1293.05	3.99
		353	9.08	2.23	-48.33	2.12	-48.22	-2.36	1187.18	153.50	153.52	1187.16	-4.26
		352	9.14	1.84	-48.38	1.73	-48.27	-2.36	1187.88	127.60	131.02	1184.46	-60.13
		346	9.89	1.52	-51.00	1.42	-50.90	-2.36	1292.69	141.39	143.73	1290.35	-51.87
308	17	347	19.59	2.60	-52.68	2.58	-52.66	-0.81	2820.22	329.34	330.16	2819.40	-45.21
		353	18.21	3.42	-45.84	3.40	-45.83	-0.81	2635.82	306.68	307.98	2634.52	-55.09
		352	18.31	1.56	-46.06	1.55	-46.05	-0.81	2641.16	271.18	281.05	2631.29	-152.63
		346	19.68	0.74	-52.90	0.73	-52.89	-0.81	2824.25	295.15	303.23	2816.17	-142.75
308	22	347	6.63	1.40	-37.58	1.34	-37.52	-1.63	854.30	110.56	110.70	854.16	-10.17
		353	6.14	1.58	-36.17	1.51	-36.10	-1.63	784.76	101.97	102.32	784.40	-15.63
		352	6.19	1.31	-36.20	1.24	-36.13	-1.63	786.55	83.49	87.42	782.61	-52.44
		346	6.67	1.14	-37.62	1.07	-37.55	-1.63	855.28	92.89	95.79	852.38	-46.97
308	25	347	6.33	1.39	-37.35	1.33	-37.29	-1.60	808.07	104.67	105.05	807.69	-16.30
		353	5.87	1.54	-36.15	1.47	-36.09	-1.60	742.58	96.44	97.15	741.86	-21.45
		352	5.92	1.28	-36.19	1.21	-36.12	-1.60	744.95	78.35	83.12	740.18	-56.17

		346	6.37	1.13	-37.38	1.06	-37.32	-1.60	809.63	87.40	91.02	806.01	-51.03
309	5	348	5.45	1.47	-42.42	1.47	-42.41	-0.33	642.94	86.93	88.29	641.58	-27.52
		354	5.09	1.40	-42.96	1.40	-42.96	-0.33	584.02	79.64	81.20	582.46	-28.00
		353	5.14	2.23	-42.86	2.22	-42.86	-0.33	589.18	73.01	79.89	582.30	-59.19
		347	5.49	2.29	-42.32	2.29	-42.32	-0.33	647.57	80.84	86.99	641.42	-58.71
309	19	348	9.29	3.11	-37.51	2.88	-37.28	-3.06	1255.98	109.05	168.18	1196.85	253.61
		354	8.21	3.84	-31.74	3.57	-31.48	-3.06	1112.73	89.92	150.78	1051.87	241.96
		353	8.00	3.86	-31.74	3.59	-31.48	-3.06	1076.66	90.45	119.05	1048.06	165.48
		347	9.09	3.13	-37.51	2.89	-37.28	-3.06	1221.95	107.54	136.44	1193.04	177.12
309	21	348	3.98	1.09	-31.55	1.09	-31.55	-0.17	467.04	63.40	64.50	465.93	-21.12
		354	3.73	1.03	-32.03	1.03	-32.03	-0.17	423.98	58.05	59.32	422.71	-21.50
		353	3.76	1.68	-31.95	1.68	-31.95	-0.17	427.90	52.97	58.28	422.59	-44.30
		347	4.02	1.73	-31.48	1.73	-31.48	-0.17	470.54	58.73	63.47	465.81	-43.92
309	24	348	3.98	1.09	-31.55	1.09	-31.55	-0.17	467.04	63.40	64.50	465.93	-21.12
		354	3.73	1.03	-32.03	1.03	-32.03	-0.17	423.98	58.05	59.32	422.71	-21.50
		353	3.76	1.68	-31.95	1.68	-31.95	-0.17	427.90	52.97	58.28	422.59	-44.30
		347	4.02	1.73	-31.48	1.73	-31.48	-0.17	470.54	58.73	63.47	465.81	-43.92
310	5	349	5.83	0.50	-37.14	0.42	-37.06	1.72	730.26	88.73	90.48	728.52	33.43
		355	5.43	0.50	-37.10	0.42	-37.02	1.72	667.48	80.60	82.88	665.20	36.50
		354	5.42	2.21	-36.89	2.14	-36.82	1.72	666.23	91.23	91.25	666.21	3.10
		348	5.82	2.21	-36.93	2.13	-36.86	1.72	729.52	98.85	98.85	729.52	0.03
310	19	349	4.87	1.56	-34.53	1.47	-34.44	1.81	543.81	-179.33	60.32	304.16	340.39
		355	4.50	2.24	-29.00	2.14	-28.90	1.81	491.63	-212.30	51.20	228.14	340.67
		354	4.12	4.01	-28.79	3.91	-28.69	1.81	453.30	-173.13	51.94	228.23	300.56
		348	4.53	3.33	-34.32	3.24	-34.23	1.81	506.63	-141.31	61.07	304.25	300.28
310	21	349	4.23	0.36	-27.45	0.29	-27.39	1.36	527.20	64.51	65.67	526.03	23.20
		355	3.94	0.36	-27.49	0.29	-27.43	1.36	481.59	58.62	60.16	480.06	25.45
		354	3.93	1.66	-27.33	1.60	-27.27	1.36	480.80	66.28	66.29	480.79	1.19
		348	4.22	1.67	-27.29	1.60	-27.23	1.36	526.77	71.80	71.80	526.77	-1.06
310	24	349	4.23	0.36	-27.45	0.29	-27.39	1.36	527.20	64.51	65.67	526.03	23.20
		355	3.94	0.36	-27.49	0.29	-27.43	1.36	481.59	58.62	60.16	480.06	25.45
		354	3.93	1.66	-27.33	1.60	-27.27	1.36	480.80	66.28	66.29	480.79	1.19
		348	4.22	1.67	-27.29	1.60	-27.23	1.36	526.77	71.80	71.80	526.77	-1.06
311	5	350	6.53	-1.46	-31.17	-1.69	-30.94	2.61	872.67	78.90	91.41	860.17	98.83
		356	6.14	-1.34	-30.24	-1.58	-30.01	2.61	815.43	69.35	84.25	800.54	104.37
		355	6.09	1.53	-29.88	1.31	-29.66	2.61	809.83	91.86	99.34	802.35	72.91
		349	6.49	1.41	-30.81	1.20	-30.59	2.61	867.94	100.53	106.49	861.98	67.37
311	18	350	5.83	0.75	-17.89	0.73	-17.87	-0.54	811.90	39.14	88.78	762.26	-189.46
		356	5.73	0.42	-20.61	0.40	-20.59	-0.54	781.84	32.12	84.81	729.15	-191.64
		355	5.81	-0.28	-20.69	-0.29	-20.68	-0.54	789.93	17.36	78.86	728.44	-209.11
		349	5.91	0.05	-17.97	0.03	-17.95	-0.54	819.66	24.72	82.83	761.54	-206.92
311	21	350	4.71	-1.07	-22.83	-1.26	-22.65	2.01	627.39	57.08	65.89	618.58	70.32
		356	4.43	-0.99	-22.22	-1.19	-22.02	2.01	586.20	50.21	60.74	575.67	74.38
		355	4.39	1.15	-21.94	0.97	-21.77	2.01	582.24	66.55	71.79	576.99	51.74
		349	4.68	1.07	-22.56	0.89	-22.39	2.01	624.06	72.78	76.94	619.91	47.68
311	24	350	4.71	-1.07	-22.83	-1.26	-22.65	2.01	627.39	57.08	65.89	618.58	70.32
		356	4.43	-0.99	-22.22	-1.19	-22.02	2.01	586.20	50.21	60.74	575.67	74.38
		355	4.39	1.15	-21.94	0.97	-21.77	2.01	582.24	66.55	71.79	576.99	51.74
		349	4.68	1.07	-22.56	0.89	-22.39	2.01	624.06	72.78	76.94	619.91	47.68
312	5	351	7.38	-3.98	-23.97	-4.19	-23.76	2.05	1048.97	97.50	114.58	1031.89	126.35
		357	7.09	-3.75	-22.22	-3.98	-21.99	2.05	1010.71	92.49	109.95	993.26	125.39
		356	7.09	-0.37	-21.78	-0.57	-21.58	2.05	1005.22	95.06	107.34	992.94	105.01
		350	7.38	-0.60	-23.53	-0.78	-23.35	2.05	1043.63	99.92	111.97	1031.58	105.97
312	18	351	7.63	0.63	-17.41	0.23	-17.02	-2.65	1124.93	133.53	145.81	1112.65	-109.67
		357	7.17	0.70	-16.89	0.29	-16.48	-2.65	1054.71	122.65	137.12	1040.23	-115.25
		356	7.29	1.30	-16.80	0.91	-16.41	-2.65	1063.42	96.91	121.92	1038.41	-153.45
		350	7.74	1.23	-17.33	0.84	-16.94	-2.65	1132.64	108.79	130.61	1110.82	-147.87
312	21	351	5.30	-2.88	-17.33	-3.06	-17.16	1.57	751.93	70.07	82.14	739.86	89.93
		357	5.09	-2.72	-16.10	-2.91	-15.91	1.57	724.88	66.52	78.87	712.54	89.30
		356	5.09	-0.26	-15.77	-0.42	-15.61	1.57	721.04	68.43	77.14	712.33	74.89
		350	5.30	-0.42	-17.01	-0.57	-16.86	1.57	748.19	71.87	80.41	739.65	75.52
312	24	351	5.30	-2.88	-17.33	-3.06	-17.16	1.57	751.93	70.07	82.14	739.86	89.93
		357	5.09	-2.72	-16.10	-2.91	-15.91	1.57	724.88	66.52	78.87	712.54	89.30
		356	5.09	-0.26	-15.77	-0.42	-15.61	1.57	721.04	68.43	77.14	712.33	74.89
		350	5.30	-0.42	-17.01	-0.57	-16.86	1.57	748.19	71.87	80.41	739.65	75.52
313	6	352	21.48	0.95	-51.38	0.67	-51.11	-3.79	3159.93	430.52	433.27	3157.18	-86.60
		358	20.39	1.41	-47.71	1.11	-47.42	-3.79	3005.16	410.34	414.53	3000.97	-104.16
		187	20.50	-3.33	-48.31	-3.65	-47.99	-3.79	3008.40	353.50	366.68	2995.23	-186.57
		186	21.58	-3.79	-51.98	-4.09	-51.68	-3.79	3161.73	375.13	385.42	3151.44	-169.01
313	17	352	34.83	1.34	-46.94	1.07	-46.67	-3.56	5315.46	722.29	729.52	5308.23	-182.09
		358	33.05	2.13	-40.69	1.83	-40.39	-3.56	5062.53	688.58	698.81	5052.30	-211.30
		187	33.28	-4.09	-41.48	-4.43	-41.14	-3.56	5069.70	592.26	619.21	5042.75	-346.33
		186	35.04	-4.89	-47.72	-5.19	-47.42	-3.56	5320.21	628.39	649.93	5298.68	-317.12
313	22	352	13.63	0.64	-38.64	0.47	-38.47	-2.59	1974.61	271.10	273.81	1971.90	-67.93
		358	12.94	0.94	-36.27	0.75	-36.09	-2.59	1877.81	258.10	262.05	1873.86	-79.90
		187	13.02	-2.69	-36.72	-2.89	-36.52	-2.59	1880.44	218.95	229.45	1869.95	-131.62
		186	13.70	-2.99	-39.09	-3.18	-38.90	-2.59	1976.24	232.96	241.21	1967.98	-119.65

313	25	352	12.55	0.61	-38.64	0.45	-38.48	-2.53	1802.21	248.50	251.63	1799.07	-69.75
		358	11.92	0.89	-36.43	0.71	-36.26	-2.53	1713.76	236.38	240.86	1709.28	-81.23
		187	11.99	-2.77	-36.89	-2.96	-36.70	-2.53	1716.50	198.60	209.58	1705.52	-128.61
		186	12.61	-3.05	-39.10	-3.23	-38.92	-2.53	1803.98	211.69	220.35	1795.31	-117.13
314	6	353	9.00	4.14	-48.13	4.01	-48.00	-2.60	1193.32	203.77	203.89	1193.20	-10.69
		359	8.24	4.55	-44.78	4.41	-44.65	-2.60	1088.45	191.11	191.30	1088.26	-13.04
		358	8.25	1.55	-45.15	1.40	-45.01	-2.60	1092.65	179.76	184.91	1087.49	-68.40
		352	9.01	1.14	-48.49	1.00	-48.36	-2.60	1196.80	193.14	197.51	1192.44	-66.06
314	17	353	18.03	6.46	-45.50	6.42	-45.46	-1.29	2649.68	417.55	419.34	2647.88	-63.26
		359	16.75	7.16	-39.67	7.12	-39.64	-1.29	2475.47	396.26	398.40	2473.33	-66.64
		358	16.79	1.88	-40.31	1.84	-40.27	-1.29	2484.26	377.18	389.20	2472.23	-158.72
		352	18.07	1.18	-46.13	1.14	-46.10	-1.29	2657.52	399.41	410.15	2646.78	-155.35
314	22	353	6.09	3.01	-36.01	2.94	-35.93	-1.74	789.35	137.99	138.59	788.75	-19.76
		359	5.59	3.26	-34.00	3.18	-33.92	-1.74	720.18	129.42	130.26	719.34	-22.27
		358	5.61	1.07	-34.27	0.98	-34.18	-1.74	724.29	117.64	123.41	718.52	-58.89
		352	6.10	0.82	-36.27	0.74	-36.19	-1.74	792.74	126.93	131.74	787.93	-56.38
314	25	353	5.82	2.98	-35.99	2.90	-35.91	-1.71	747.21	132.03	133.07	746.17	-25.27
		359	5.35	3.20	-34.18	3.12	-34.11	-1.71	681.99	123.77	125.19	680.56	-28.16
		358	5.38	1.02	-34.45	0.94	-34.37	-1.71	686.54	110.38	117.30	679.62	-62.78
		352	5.84	0.80	-36.25	0.72	-36.17	-1.71	750.96	119.44	125.17	745.23	-59.88
315	5	354	5.02	3.71	-42.68	3.71	-42.68	0.13	590.21	131.08	132.65	588.63	-26.83
		360	4.64	3.63	-43.37	3.63	-43.37	0.13	525.83	122.67	124.85	523.65	-29.62
		359	4.70	4.05	-43.32	4.05	-43.32	0.13	532.57	107.42	117.26	522.74	-63.90
		353	5.08	4.13	-42.63	4.13	-42.63	0.13	595.66	117.12	125.05	587.72	-61.11
315	19	354	8.14	8.33	-31.61	7.71	-30.98	-4.97	1119.00	154.27	213.83	1059.44	232.19
		360	7.20	8.87	-27.75	8.18	-27.06	-4.97	983.70	123.98	196.09	911.59	238.32
		359	6.83	8.29	-27.83	7.59	-27.13	-4.97	948.52	177.87	212.80	913.59	160.32
		353	7.82	7.76	-31.69	7.12	-31.05	-4.97	1089.13	202.86	230.54	1061.44	154.18
315	21	354	3.67	2.76	-31.82	2.76	-31.82	0.22	428.50	95.63	96.90	427.22	-20.59
		360	3.39	2.69	-32.41	2.69	-32.41	0.22	381.36	89.43	91.19	379.60	-22.60
		359	3.44	3.05	-32.37	3.05	-32.37	0.22	386.52	78.13	85.70	378.94	-47.73
		353	3.72	3.12	-31.78	3.12	-31.78	0.22	432.69	85.30	91.42	426.56	-45.72
315	24	354	3.67	2.76	-31.82	2.76	-31.82	0.22	428.50	95.63	96.90	427.22	-20.59
		360	3.39	2.69	-32.41	2.69	-32.41	0.22	381.36	89.43	91.19	379.60	-22.60
		359	3.44	3.05	-32.37	3.05	-32.37	0.22	386.52	78.13	85.70	378.94	-47.73
		353	3.72	3.12	-31.78	3.12	-31.78	0.22	432.69	85.30	91.42	426.56	-45.72
316	5	355	5.34	1.87	-37.11	1.64	-36.88	2.99	674.58	132.02	135.12	671.47	40.91
		361	4.93	1.80	-37.71	1.57	-37.48	2.99	606.02	122.81	126.79	602.04	43.69
		360	4.93	4.59	-37.36	4.38	-37.14	2.99	603.05	134.26	134.37	602.95	7.05
		354	5.35	4.67	-36.76	4.45	-36.54	2.99	672.42	142.67	142.70	672.38	4.27
316	15	355	4.69	4.54	-20.68	1.60	-17.74	-8.09	432.77	-274.94	50.35	107.48	352.70
		361	4.69	4.78	-19.70	1.73	-16.65	-8.09	404.87	-314.98	43.07	46.81	359.92
		360	4.32	7.16	-19.12	4.38	-16.33	-8.09	383.93	-272.03	62.73	49.17	327.91
		354	4.33	6.93	-20.11	4.25	-17.42	-8.09	411.24	-231.39	70.01	109.84	320.70
316	21	355	3.88	1.38	-27.51	1.19	-27.32	2.36	486.74	95.97	98.10	484.61	28.76
		361	3.58	1.32	-28.03	1.13	-27.84	2.36	436.83	89.26	92.03	434.06	30.89
		360	3.58	3.45	-27.76	3.27	-27.58	2.36	434.81	97.76	97.81	434.75	4.22
		354	3.88	3.52	-27.24	3.33	-27.06	2.36	485.31	103.86	103.87	485.30	2.10
316	24	355	3.88	1.38	-27.51	1.19	-27.32	2.36	486.74	95.97	98.10	484.61	28.76
		361	3.58	1.32	-28.03	1.13	-27.84	2.36	436.83	89.26	92.03	434.06	30.89
		360	3.58	3.45	-27.76	3.27	-27.58	2.36	434.81	97.76	97.81	434.75	4.22
		354	3.88	3.52	-27.24	3.33	-27.06	2.36	485.31	103.86	103.87	485.30	2.10
317	5	356	6.05	-1.24	-30.87	-2.05	-30.06	4.84	822.74	111.08	128.03	805.79	108.50
		362	5.70	-1.24	-30.88	-2.05	-30.07	4.84	767.89	99.72	120.93	746.68	117.14
		361	5.64	3.24	-30.23	2.52	-29.52	4.84	761.48	132.51	144.49	749.50	85.96
		355	6.00	3.24	-30.23	2.52	-29.51	4.84	817.59	142.61	151.58	808.62	77.31
317	18	356	5.67	-1.43	-20.81	-1.43	-20.81	0.04	784.51	53.46	106.24	731.72	-189.22
		362	5.55	-1.55	-21.76	-1.55	-21.76	0.04	758.96	46.19	102.73	702.42	-192.62
		361	5.64	-1.47	-21.76	-1.47	-21.76	0.04	765.71	29.04	93.45	701.31	-208.08
		355	5.76	-1.36	-20.81	-1.36	-20.81	0.04	790.97	36.60	96.96	730.61	-204.67
317	21	356	4.36	-0.92	-22.72	-1.57	-22.07	3.71	591.49	80.27	92.30	579.46	77.49
		362	4.11	-0.92	-22.78	-1.57	-22.13	3.71	552.07	72.06	87.20	536.93	83.89
		361	4.07	2.43	-22.29	1.86	-21.72	3.71	547.55	96.10	104.63	539.02	61.45
		355	4.32	2.44	-22.23	1.87	-21.66	3.71	587.89	103.39	109.73	581.55	55.06
317	24	356	4.36	-0.92	-22.72	-1.57	-22.07	3.71	591.49	80.27	92.30	579.46	77.49
		362	4.11	-0.92	-22.78	-1.57	-22.13	3.71	552.07	72.06	87.20	536.93	83.89
		361	4.07	2.43	-22.29	1.86	-21.72	3.71	547.55	96.10	104.63	539.02	61.45
		355	4.32	2.44	-22.23	1.87	-21.66	3.71	587.89	103.39	109.73	581.55	55.06
318	5	357	7.05	-3.61	-23.40	-4.91	-22.10	4.90	1014.65	99.89	120.06	994.47	134.35
		363	6.77	-3.57	-23.18	-4.88	-21.87	4.90	971.48	89.55	114.33	946.70	145.74
		362	6.70	0.10	-22.52	-1.01	-21.40	4.90	968.08	127.72	145.38	950.42	120.54
		356	6.98	0.07	-22.74	-1.04	-21.64	4.90	1012.03	137.28	151.11	998.20	109.14
318	18	357	7.18	2.08	-16.72	1.67	-16.32	-2.74	1054.09	124.11	137.88	1040.33	-112.30
		363	6.71	2.13	-16.39	1.71	-15.98	-2.74	981.19	114.79	129.07	966.92	-110.29
		362	6.76	-0.42	-16.76	-0.89	-16.29	-2.74	993.43	108.69	134.54	967.57	-149.02
		356	7.23	-0.47	-17.09	-0.93	-16.63	-2.74	1065.71	118.62	143.35	1040.98	-151.03
318	21	357	5.06	-2.63	-17.02	-3.66	-16.00	3.69	727.71	71.82	86.13	713.41	95.79

		363	4.86	-2.61	-16.87	-3.64	-15.84	3.69	697.30	64.47	82.08	679.70	104.07
		362	4.81	0.10	-16.37	-0.78	-15.50	3.69	695.01	92.05	104.66	682.40	86.28
		356	5.01	0.07	-16.52	-0.80	-15.65	3.69	725.98	98.85	108.70	716.12	78.00
318	24	357	5.06	-2.63	-17.02	-3.66	-16.00	3.69	727.71	71.82	86.13	713.41	95.79
		363	4.86	-2.61	-16.87	-3.64	-15.84	3.69	697.30	64.47	82.08	679.70	104.07
		362	4.81	0.10	-16.37	-0.78	-15.50	3.69	695.01	92.05	104.66	682.40	86.28
		356	5.01	0.07	-16.52	-0.80	-15.65	3.69	725.98	98.85	108.70	716.12	78.00
319	6	358	20.41	2.90	-47.97	2.21	-47.29	-5.85	3005.55	404.16	409.36	3000.35	-116.15
		364	19.16	3.24	-45.40	2.53	-44.68	-5.85	2820.38	380.00	386.93	2813.45	-129.83
		188	19.27	-2.94	-46.24	-3.74	-45.44	-5.85	2830.01	328.61	349.65	2808.98	-228.44
		187	20.50	-3.29	-48.80	-4.05	-48.04	-5.85	3013.34	354.61	372.08	2995.88	-214.76
319	17	358	33.07	5.12	-41.06	4.17	-40.11	-6.56	5065.21	689.91	702.38	5052.73	-233.29
		364	31.01	5.71	-36.94	4.67	-35.91	-6.56	4759.80	648.85	665.26	4743.39	-259.24
		188	31.26	-4.41	-38.47	-5.72	-37.16	-6.56	4777.57	551.90	594.57	4734.91	-422.44
		187	33.29	-5.04	-42.54	-6.23	-41.36	-6.56	5079.59	596.34	631.69	5044.25	-396.49
319	22	358	12.96	2.04	-36.44	1.59	-35.99	-4.16	1878.58	255.72	260.62	1873.69	-89.01
		364	12.17	2.25	-34.85	1.78	-34.38	-4.16	1762.85	240.08	246.54	1756.39	-99.00
		188	12.26	-2.39	-35.47	-2.92	-34.94	-4.16	1769.82	202.62	219.32	1753.12	-160.88
		187	13.03	-2.61	-37.06	-3.11	-36.55	-4.16	1884.21	219.60	233.39	1870.42	-150.89
319	25	358	11.93	1.99	-36.60	1.55	-36.16	-4.11	1714.79	235.02	240.57	1709.24	-90.47
		364	11.21	2.18	-35.14	1.72	-34.68	-4.11	1609.13	220.38	227.68	1601.83	-100.40
		188	11.29	-2.47	-35.76	-2.99	-35.25	-4.11	1616.02	183.18	200.61	1598.58	-157.07
		187	12.00	-2.67	-37.22	-3.16	-36.72	-4.11	1720.36	199.13	213.50	1705.99	-147.14
320	6	359	8.25	6.99	-44.62	6.74	-44.37	-3.59	1089.09	197.27	197.37	1088.99	-9.66
		365	7.31	7.36	-41.61	7.10	-41.35	-3.59	955.24	180.95	181.28	954.90	-16.13
		364	7.34	3.15	-42.14	2.87	-41.86	-3.59	962.24	154.20	163.65	952.79	-86.86
		358	8.27	2.77	-45.15	2.50	-44.88	-3.59	1093.94	172.67	179.74	1086.87	-80.39
320	17	359	16.72	11.75	-39.24	11.60	-39.10	-2.71	2479.17	429.41	431.30	2477.28	-62.14
		365	15.17	12.32	-34.61	12.16	-34.45	-2.71	2255.68	401.18	404.33	2252.53	-76.28
		364	15.30	4.92	-35.53	4.74	-35.34	-2.71	2267.87	345.84	365.80	2247.91	-194.85
		358	16.83	4.35	-40.15	4.18	-39.99	-2.71	2488.24	377.19	392.77	2472.66	-180.71
320	22	359	5.59	5.14	-33.86	4.98	-33.71	-2.48	720.98	136.71	137.48	720.21	-21.22
		365	4.98	5.35	-32.13	5.19	-31.96	-2.48	632.97	125.41	126.84	631.54	-26.91
		364	5.02	2.20	-32.52	2.03	-32.34	-2.48	639.95	101.06	111.33	629.68	-73.70
		358	5.62	1.99	-34.25	1.82	-34.08	-2.48	726.00	114.32	121.98	718.35	-68.00
320	25	359	5.35	5.09	-34.04	4.94	-33.89	-2.46	683.00	132.34	133.75	681.59	-27.83
		365	4.78	5.28	-32.51	5.12	-32.35	-2.46	600.26	121.28	123.70	597.84	-33.98
		364	4.83	2.13	-32.90	1.96	-32.73	-2.46	608.03	94.77	106.96	595.83	-78.16
		358	5.39	1.94	-34.43	1.77	-34.27	-2.46	688.65	107.94	117.01	679.58	-72.02
321	5	360	4.61	6.88	-42.99	6.88	-42.98	0.41	529.74	153.10	155.51	527.33	-30.06
		366	4.15	6.80	-43.69	6.80	-43.69	0.41	453.11	142.25	146.14	449.22	-34.54
		365	4.24	6.55	-43.72	6.55	-43.72	0.41	465.08	116.61	133.94	447.76	-75.74
		359	4.69	6.64	-43.01	6.64	-43.01	0.41	538.71	130.46	143.31	525.86	-71.27
321	19	360	7.31	15.03	-27.59	13.83	-26.38	-7.07	995.70	140.77	221.80	914.67	250.42
		366	6.36	15.61	-23.79	14.29	-22.47	-7.07	854.83	99.94	202.33	752.43	258.48
		365	5.85	14.22	-24.00	12.87	-22.64	-7.07	806.41	172.94	224.29	755.07	172.89
		359	6.88	13.64	-27.80	12.40	-26.55	-7.07	955.48	205.58	243.76	917.31	164.83
321	21	360	3.38	5.14	-32.12	5.14	-32.12	0.48	384.23	111.77	113.70	382.30	-22.85
		366	3.04	5.07	-32.74	5.06	-32.73	0.48	327.98	103.74	106.81	324.90	-26.07
		365	3.11	4.94	-32.75	4.93	-32.75	0.48	337.13	84.75	98.03	323.85	-56.35
		359	3.44	5.01	-32.14	5.01	-32.13	0.48	391.11	95.05	104.92	381.25	-53.13
321	24	360	3.38	5.14	-32.12	5.14	-32.12	0.48	384.23	111.77	113.70	382.30	-22.85
		366	3.04	5.07	-32.74	5.06	-32.73	0.48	327.98	103.74	106.81	324.90	-26.07
		365	3.11	4.94	-32.75	4.93	-32.75	0.48	337.13	84.75	98.03	323.85	-56.35
		359	3.44	5.01	-32.14	5.01	-32.13	0.48	391.11	95.05	104.92	381.25	-53.13
322	5	361	4.90	4.26	-37.72	3.76	-37.22	4.55	611.14	150.39	155.99	605.54	50.48
		367	4.41	4.14	-38.64	3.65	-38.15	4.55	529.93	138.48	146.01	522.39	53.79
		366	4.41	7.97	-38.14	7.52	-37.68	4.55	523.74	154.78	155.05	523.47	9.92
		360	4.90	8.09	-37.22	7.63	-36.75	4.55	606.72	164.93	165.03	606.63	6.61
322	15	361	5.00	10.46	-21.28	5.39	-16.21	-11.63	424.08	-315.84	59.46	48.78	369.92
		367	5.03	10.55	-20.99	5.43	-15.87	-11.63	395.30	-361.20	51.51	-17.41	376.68
		366	4.63	13.16	-20.22	8.45	-15.51	-11.63	371.76	-317.04	69.92	-15.20	341.76
		360	4.61	13.08	-20.52	8.41	-15.85	-11.63	399.70	-270.85	77.87	50.99	335.00
322	21	361	3.55	3.17	-28.06	2.75	-27.65	3.59	440.57	109.37	113.33	436.62	35.98
		367	3.20	3.07	-28.83	2.66	-28.43	3.59	381.34	100.65	106.05	375.95	38.55
		366	3.20	6.00	-28.45	5.62	-28.07	3.59	376.95	112.88	113.04	376.78	6.54
		360	3.56	6.10	-27.68	5.72	-27.29	3.59	437.50	120.27	120.32	437.45	3.97
322	24	361	3.55	3.17	-28.06	2.75	-27.65	3.59	440.57	109.37	113.33	436.62	35.98
		367	3.20	3.07	-28.83	2.66	-28.43	3.59	381.34	100.65	106.05	375.95	38.55
		366	3.20	6.00	-28.45	5.62	-28.07	3.59	376.95	112.88	113.04	376.78	6.54
		360	3.56	6.10	-27.68	5.72	-27.29	3.59	437.50	120.27	120.32	437.45	3.97
323	5	362	5.68	-0.04	-31.91	-1.90	-30.05	7.47	775.81	109.15	136.43	748.53	132.06
		368	5.27	-0.14	-32.47	-1.97	-30.64	7.47	710.44	91.05	127.48	674.01	145.74
		367	5.17	6.20	-31.40	4.65	-29.85	7.47	699.65	143.57	164.75	678.48	106.42
		361	5.60	6.29	-30.83	4.72	-29.25	7.47	767.49	159.20	173.69	753.01	92.75
323	19	362	5.72	7.08	-23.94	4.05	-20.91	9.21	443.34	-439.47	28.39	-24.53	440.61
		368	5.95	7.42	-22.44	4.24	-19.26	9.21	437.26	-481.94	23.19	-67.87	457.34

		367	5.78	14.45	-20.94	11.86	-18.35	9.21	442.60	-436.20	68.79	-62.40	434.48
		361	5.55	14.15	-22.48	11.66	-20.00	9.21	447.79	-392.86	73.99	-19.06	417.74
323	21	362	4.09	-0.04	-23.61	-1.53	-22.12	5.74	557.85	78.84	98.41	538.28	94.83
		368	3.80	-0.12	-24.08	-1.59	-22.62	5.74	510.94	65.70	91.98	484.66	104.93
		367	3.73	4.66	-23.25	3.43	-22.02	5.74	503.27	104.19	119.49	487.96	76.64
		361	4.04	4.74	-22.77	3.49	-21.52	5.74	551.97	115.53	125.93	541.58	66.55
323	24	362	4.09	-0.04	-23.61	-1.53	-22.12	5.74	557.85	78.84	98.41	538.28	94.83
		368	3.80	-0.12	-24.08	-1.59	-22.62	5.74	510.94	65.70	91.98	484.66	104.93
		367	3.73	4.66	-23.25	3.43	-22.02	5.74	503.27	104.19	119.49	487.96	76.64
		361	4.04	4.74	-22.77	3.49	-21.52	5.74	551.97	115.53	125.93	541.58	66.55
324	5	363	6.76	-4.10	-25.33	-7.28	-22.16	7.57	979.73	88.20	120.49	947.44	166.57
		369	6.44	-4.09	-25.30	-7.28	-22.12	7.57	928.82	73.07	113.42	888.47	181.39
		368	6.34	1.64	-23.85	-0.86	-21.35	7.57	922.69	124.43	153.80	893.32	150.28
		362	6.68	1.63	-23.88	-0.86	-21.39	7.57	974.83	138.33	160.88	952.28	135.46
324	18	363	6.70	0.68	-16.30	0.50	-16.12	-1.73	979.55	112.36	125.43	966.48	-105.67
		369	6.18	0.70	-16.15	0.52	-15.97	-1.73	897.78	101.97	115.56	884.19	-103.10
		368	6.25	-2.93	-16.63	-3.15	-16.41	-1.73	912.21	95.38	122.56	885.03	-146.51
		362	6.76	-2.95	-16.78	-3.17	-16.56	-1.73	993.14	106.62	132.44	967.32	-149.08
324	21	363	4.85	-3.00	-18.57	-5.51	-16.07	5.72	703.20	63.44	86.43	680.22	119.06
		369	4.63	-3.00	-18.57	-5.51	-16.06	5.72	667.61	52.69	81.46	638.84	129.87
		368	4.56	1.23	-17.45	-0.73	-15.49	5.72	663.49	89.78	110.91	642.37	108.04
		362	4.79	1.23	-17.45	-0.73	-15.49	5.72	699.94	99.69	115.87	683.75	97.23
324	24	363	4.85	-3.00	-18.57	-5.51	-16.07	5.72	703.20	63.44	86.43	680.22	119.06
		369	4.63	-3.00	-18.57	-5.51	-16.06	5.72	667.61	52.69	81.46	638.84	129.87
		368	4.56	1.23	-17.45	-0.73	-15.49	5.72	663.49	89.78	110.91	642.37	108.04
		362	4.79	1.23	-17.45	-0.73	-15.49	5.72	699.94	99.69	115.87	683.75	97.23
325	6	364	19.20	5.51	-45.48	4.48	-44.45	-7.18	2819.60	364.96	372.81	2811.75	-138.56
		370	17.66	6.03	-41.88	4.92	-40.78	-7.18	2593.30	335.60	345.41	2583.48	-148.55
		189	17.78	-2.90	-43.20	-4.23	-41.87	-7.18	2611.76	286.65	318.20	2580.21	-268.99
		188	19.30	-3.44	-46.77	-4.67	-45.55	-7.18	2835.43	318.65	345.59	2808.49	-259.00
325	17	364	31.08	10.10	-37.10	8.45	-35.46	-8.65	4761.40	635.46	654.73	4742.13	-281.31
		370	28.58	10.97	-31.63	9.13	-29.79	-8.65	4393.10	585.28	609.89	4368.50	-305.11
		189	28.88	-4.86	-34.58	-7.64	-31.81	-8.65	4425.71	480.03	545.03	4360.71	-502.23
		188	31.33	-5.94	-39.84	-8.31	-37.47	-8.65	4788.85	535.35	589.86	4734.34	-478.42
325	22	364	12.20	4.03	-34.94	3.29	-34.20	-5.33	1762.90	231.23	238.69	1755.45	-106.58
		370	11.24	4.35	-32.70	3.56	-31.92	-5.33	1622.06	212.18	221.55	1612.69	-114.58
		189	11.33	-2.33	-33.67	-3.26	-32.74	-5.33	1635.20	174.66	199.78	1610.08	-189.89
		188	12.28	-2.66	-35.89	-3.54	-35.01	-5.33	1774.08	195.66	216.91	1752.83	-181.90
325	25	364	11.24	3.98	-35.25	3.24	-34.50	-5.36	1609.52	212.55	221.04	1601.04	-108.53
		370	10.37	4.27	-33.20	3.49	-32.42	-5.36	1481.31	194.69	205.38	1470.62	-116.81
		189	10.46	-2.40	-34.17	-3.33	-33.24	-5.36	1494.18	156.55	182.82	1467.91	-185.62
		188	11.32	-2.70	-36.20	-3.58	-35.32	-5.36	1620.44	176.36	198.47	1598.33	-177.34
326	6	365	7.39	10.45	-41.37	10.07	-40.99	-4.41	951.55	151.72	151.90	951.38	-11.83
		371	6.26	10.98	-37.22	10.57	-36.82	-4.41	792.84	132.60	132.84	792.60	-12.70
		370	6.27	5.77	-37.90	5.32	-37.44	-4.41	806.09	116.70	130.47	792.31	-96.47
		364	7.39	5.24	-42.04	4.82	-41.62	-4.41	962.34	138.28	149.53	951.09	-95.60
326	17	365	15.25	18.33	-34.01	18.07	-33.74	-3.71	2252.96	380.97	383.86	2250.08	-73.40
		371	13.35	19.10	-27.88	18.81	-27.58	-3.71	1982.35	346.90	351.21	1978.03	-83.89
		370	13.51	9.62	-29.09	9.26	-28.73	-3.71	2005.34	291.89	322.62	1974.60	-227.41
		364	15.38	8.84	-35.20	8.52	-34.89	-3.71	2271.21	330.71	355.27	2246.65	-216.92
326	22	365	5.03	7.85	-31.94	7.59	-31.67	-3.22	630.81	109.10	110.35	629.56	-25.55
		371	4.29	8.16	-29.50	7.88	-29.22	-3.22	525.76	95.83	97.67	523.92	-28.07
		370	4.33	4.14	-30.01	3.83	-29.70	-3.22	538.77	75.13	90.80	523.10	-83.80
		364	5.06	3.82	-32.45	3.53	-32.16	-3.22	641.02	91.19	103.48	628.73	-81.28
326	25	365	4.83	7.85	-32.32	7.58	-32.05	-3.26	598.46	107.38	109.68	596.16	-33.51
		371	4.13	8.12	-30.14	7.85	-29.86	-3.26	499.52	94.28	97.68	496.12	-36.95
		370	4.19	4.04	-30.66	3.73	-30.36	-3.26	513.92	69.40	88.31	495.00	-89.72
		364	4.87	3.76	-32.84	3.47	-32.55	-3.26	609.65	85.70	100.32	595.04	-86.29
327	5	366	4.17	11.31	-43.15	11.31	-43.15	0.29	454.47	151.22	155.37	450.33	-35.21
		372	3.60	11.26	-43.55	11.26	-43.55	0.29	363.42	136.68	144.05	356.04	-40.23
		371	3.74	10.40	-43.65	10.39	-43.65	0.29	386.06	98.71	130.37	354.40	-89.97
		365	4.28	10.44	-43.25	10.44	-43.25	0.29	470.63	119.74	141.68	448.69	-84.95
327	19	366	6.58	22.49	-23.66	20.56	-21.72	-9.26	858.40	75.41	183.62	750.19	270.22
		372	5.58	23.48	-17.80	21.29	-15.60	-9.26	709.07	21.33	161.83	568.57	277.29
		371	4.86	21.67	-18.12	19.39	-15.83	-9.26	642.28	109.68	181.08	570.88	181.47
		365	5.99	20.66	-23.96	18.65	-21.95	-9.26	803.17	152.21	202.88	752.50	174.40
327	21	366	3.06	8.48	-32.32	8.47	-32.32	0.42	328.97	110.38	113.63	325.72	-26.43
		372	2.64	8.43	-32.73	8.42	-32.73	0.42	262.00	99.53	105.29	256.24	-30.03
		371	2.74	7.84	-32.80	7.84	-32.80	0.42	279.26	71.27	95.47	255.06	-66.69
		365	3.14	7.89	-32.40	7.89	-32.39	0.42	341.30	87.05	103.81	324.54	-63.09
327	24	366	3.06	8.48	-32.32	8.47	-32.32	0.42	328.97	110.38	113.63	325.72	-26.43
		372	2.64	8.43	-32.73	8.42	-32.73	0.42	262.00	99.53	105.29	256.24	-30.03
		371	2.74	7.84	-32.80	7.84	-32.80	0.42	279.26	71.27	95.47	255.06	-66.69
		365	3.14	7.89	-32.40	7.89	-32.39	0.42	341.30	87.05	103.81	324.54	-63.09
328	5	367	4.42	7.77	-38.58	6.94	-37.75	6.15	533.49	143.75	153.90	523.34	62.07
		373	3.82	7.68	-39.29	6.86	-38.47	6.15	437.88	127.23	141.89	423.22	65.88
		372	3.83	12.69	-38.61	11.94	-37.86	6.15	425.09	151.64	152.26	424.46	13.06

		366	4.44	12.78	-37.90	12.03	-37.14	6.15	524.82	164.04	164.28	524.58	9.25
328	15	367	5.34	17.72	-22.67	10.34	-15.28	-15.62	398.40	-370.27	46.17	-18.05	382.99
		373	5.37	18.05	-21.72	10.47	-14.14	-15.62	366.99	-417.12	37.79	-87.92	386.99
		372	4.95	20.41	-20.93	13.28	-13.81	-15.62	337.62	-375.57	48.68	-86.62	350.12
		366	4.92	20.10	-21.90	13.14	-14.94	-15.62	368.25	-327.92	57.06	-16.74	346.12
328	21	367	3.21	5.80	-28.82	5.11	-28.13	4.84	384.00	104.43	111.80	376.64	44.78
		373	2.77	5.71	-29.46	5.03	-28.78	4.84	314.25	92.23	103.02	303.46	47.74
		372	2.78	9.57	-28.93	8.95	-28.31	4.84	304.85	110.64	111.07	304.42	9.13
		366	3.23	9.66	-28.29	9.03	-27.66	4.84	377.75	119.70	119.85	377.60	6.18
328	24	367	3.21	5.80	-28.82	5.11	-28.13	4.84	384.00	104.43	111.80	376.64	44.78
		373	2.77	5.71	-29.46	5.03	-28.78	4.84	314.25	92.23	103.02	303.46	47.74
		372	2.78	9.57	-28.93	8.95	-28.31	4.84	304.85	110.64	111.07	304.42	9.13
		366	3.23	9.66	-28.29	9.03	-27.66	4.84	377.75	119.70	119.85	377.60	6.18
329	5	368	5.28	1.62	-33.91	-1.69	-30.61	10.32	720.14	86.07	131.69	674.51	163.85
		374	4.77	1.52	-34.35	-1.74	-31.09	10.32	642.64	59.24	120.52	581.36	178.87
		373	4.64	10.52	-32.56	7.88	-29.93	10.32	622.75	124.98	161.46	586.27	129.72
		367	5.18	10.60	-32.11	7.94	-29.45	10.32	704.18	147.88	172.64	679.43	114.70
329	19	368	6.09	11.74	-20.93	9.45	-18.64	8.34	450.77	-497.81	21.09	-68.12	472.19
		374	6.27	12.37	-17.76	9.86	-15.24	8.34	439.44	-539.60	15.40	-115.55	485.12
		373	6.09	20.42	-16.22	18.41	-14.21	8.34	436.83	-497.51	50.64	-111.32	460.10
		367	5.90	19.86	-19.47	18.00	-17.61	8.34	447.41	-454.97	56.33	-63.90	447.16
329	21	368	3.80	1.20	-25.25	-1.45	-22.60	7.94	518.07	61.91	94.95	485.02	118.25
		374	3.45	1.11	-25.66	-1.50	-23.05	7.94	462.53	42.36	86.91	417.98	129.36
		373	3.35	7.92	-24.27	5.83	-22.17	7.94	448.30	90.51	117.20	421.61	93.99
		367	3.74	8.00	-23.85	5.88	-21.73	7.94	506.66	107.23	125.24	488.65	82.88
329	24	368	3.80	1.20	-25.25	-1.45	-22.60	7.94	518.07	61.91	94.95	485.02	118.25
		374	3.45	1.11	-25.66	-1.50	-23.05	7.94	462.53	42.36	86.91	417.98	129.36
		373	3.35	7.92	-24.27	5.83	-22.17	7.94	448.30	90.51	117.20	421.61	93.99
		367	3.74	8.00	-23.85	5.88	-21.73	7.94	506.66	107.23	125.24	488.65	82.88
330	5	369	6.44	-4.96	-28.79	-11.17	-22.59	10.46	940.14	60.92	112.68	888.38	206.94
		375	6.05	-4.85	-28.56	-11.13	-22.28	10.46	879.73	39.48	103.91	815.30	223.58
		374	5.93	3.86	-25.41	-0.54	-21.01	10.46	868.34	101.64	149.24	820.73	185.02
		368	6.35	3.79	-25.67	-0.57	-21.32	10.46	930.53	121.31	158.01	893.82	168.39
330	18	369	6.16	-3.73	-16.49	-3.74	-16.48	0.29	895.11	99.39	110.87	883.63	-94.90
		375	5.57	-3.73	-16.44	-3.73	-16.43	0.29	801.73	87.80	99.63	789.90	-91.11
		374	5.67	-6.28	-16.74	-6.28	-16.74	0.29	819.00	82.08	109.95	791.14	-140.56
		368	6.25	-6.28	-16.79	-6.29	-16.78	0.29	911.24	94.82	121.19	884.87	-144.35
330	21	369	4.62	-3.62	-21.34	-8.54	-16.42	7.94	675.71	43.83	80.78	638.76	148.27
		375	4.35	-3.55	-21.20	-8.52	-16.24	7.94	633.77	28.64	74.66	587.75	160.41
		374	4.27	2.90	-18.75	-0.57	-15.28	7.94	626.10	73.37	107.76	591.72	133.50
		368	4.56	2.85	-18.91	-0.59	-15.47	7.94	669.25	87.36	113.88	642.73	121.36
330	24	369	4.62	-3.62	-21.34	-8.54	-16.42	7.94	675.71	43.83	80.78	638.76	148.27
		375	4.35	-3.55	-21.20	-8.52	-16.24	7.94	633.77	28.64	74.66	587.75	160.41
		374	4.27	2.90	-18.75	-0.57	-15.28	7.94	626.10	73.37	107.76	591.72	133.50
		368	4.56	2.85	-18.91	-0.59	-15.47	7.94	669.25	87.36	113.88	642.73	121.36
331	6	370	17.73	8.26	-41.77	7.02	-40.52	-7.80	2589.55	307.05	316.59	2580.02	-147.20
		376	15.73	9.26	-35.06	7.84	-33.64	-7.80	2307.23	271.57	282.54	2296.27	-148.98
		190	15.86	-2.75	-37.01	-4.63	-35.14	-7.80	2338.97	234.40	277.68	2295.69	-298.68
		189	17.83	-3.86	-43.62	-5.46	-42.02	-7.80	2617.66	273.50	311.73	2579.44	-296.90
331	17	370	28.69	15.95	-31.45	13.74	-29.24	-9.99	4391.73	554.74	581.39	4365.08	-318.69
		376	25.57	17.74	-21.48	15.00	-18.75	-9.99	3948.09	494.70	527.43	3915.36	-334.58
		190	25.92	-3.90	-27.30	-9.51	-21.69	-9.99	4003.09	391.19	484.11	3910.16	-571.84
		189	28.97	-6.84	-36.12	-10.77	-32.18	-9.99	4439.11	458.85	538.08	4359.88	-555.95
331	22	370	11.29	6.23	-32.71	5.24	-31.72	-6.11	1620.01	193.80	203.31	1610.50	-116.05
		376	10.05	6.86	-28.42	5.77	-27.33	-6.11	1445.01	170.92	182.11	1433.81	-118.88
		190	10.14	-2.22	-29.88	-3.64	-28.46	-6.11	1467.67	139.61	174.39	1432.89	-212.10
		189	11.36	-2.92	-34.10	-4.17	-32.85	-6.11	1639.89	165.27	195.59	1609.57	-209.27
331	25	370	10.41	6.22	-33.24	5.19	-32.21	-6.27	1479.66	177.54	188.59	1468.60	-119.47
		376	9.28	6.81	-29.26	5.68	-28.13	-6.27	1320.79	156.13	169.28	1307.65	-123.02
		190	9.37	-2.30	-30.73	-3.76	-29.27	-6.27	1343.02	123.07	159.60	1306.49	-207.93
		189	10.48	-2.95	-34.64	-4.25	-33.35	-6.27	1499.08	147.28	178.92	1467.44	-204.38
332	6	371	6.43	14.08	-36.90	13.63	-36.45	-4.78	785.68	75.15	75.16	785.67	-2.63
		377	5.12	14.99	-29.90	14.47	-29.39	-4.78	610.47	54.03	54.12	610.38	7.09
		376	5.02	8.85	-30.72	8.26	-30.13	-4.78	626.91	67.26	80.61	613.56	-85.39
		370	6.35	7.92	-37.70	7.42	-37.19	-4.78	801.77	88.72	101.65	788.85	-95.11
332	17	371	13.52	25.64	-27.07	25.36	-26.80	-3.79	1974.97	293.04	296.53	1971.47	-76.58
		377	11.23	26.97	-16.48	26.64	-16.15	-3.79	1664.12	254.87	259.14	1659.85	-77.47
		376	11.39	15.58	-17.96	15.15	-17.53	-3.79	1700.09	216.20	256.73	1659.56	-241.87
		370	13.64	14.21	-28.51	13.87	-28.18	-3.79	2005.13	260.18	294.13	1971.18	-240.99
332	22	371	4.40	10.91	-29.25	10.55	-28.90	-3.76	520.65	59.64	60.80	519.50	-23.06
		377	3.52	11.47	-24.91	11.08	-24.52	-3.76	402.55	45.66	46.65	401.57	-18.74
		376	3.51	6.48	-25.57	6.03	-25.13	-3.76	421.05	40.33	58.41	402.98	-80.96
		370	4.38	5.91	-29.90	5.51	-29.50	-3.76	536.58	56.89	72.56	520.91	-85.28
332	25	371	4.23	11.03	-29.90	10.66	-29.53	-3.91	494.58	61.04	63.59	492.03	-33.15
		377	3.40	11.55	-25.92	11.14	-25.51	-3.91	382.51	47.36	50.11	379.76	-30.24
		376	3.42	6.39	-26.60	5.92	-26.13	-3.91	403.86	34.90	58.04	380.71	-89.47
		370	4.24	5.86	-30.57	5.44	-30.15	-3.91	512.34	52.16	71.52	492.98	-92.38

333	5	372	3.70	17.24	-42.83	17.24	-42.83	-0.22	360.33	115.42	122.32	353.43	-40.53
		378	2.99	17.37	-41.79	17.36	-41.79	-0.22	257.07	96.46	109.22	244.31	-43.44
		377	3.17	15.67	-41.99	15.67	-41.99	-0.22	295.81	48.84	101.29	243.36	-101.01
		371	3.84	15.55	-43.03	15.55	-43.03	-0.22	387.69	79.18	114.39	352.48	-98.10
333	15	372	5.47	35.26	-28.26	18.29	-11.29	-28.11	425.43	-204.20	35.07	186.16	305.61
		378	5.29	36.98	-24.74	18.86	-6.62	-28.11	355.65	-263.44	21.24	70.96	308.54
		377	4.58	35.21	-25.66	16.45	-6.91	-28.11	299.26	-198.11	29.23	71.92	247.77
		371	4.79	33.43	-29.13	15.89	-11.58	-28.11	370.30	-140.12	43.05	187.12	244.84
333	21	372	2.71	12.97	-32.18	12.97	-32.18	0.05	259.61	83.78	89.09	254.30	-30.10
		378	2.20	13.05	-31.54	13.05	-31.54	0.05	183.64	69.53	79.43	173.75	-32.10
		377	2.33	11.84	-31.69	11.84	-31.69	0.05	213.09	33.96	73.96	173.09	-74.60
		371	2.82	11.77	-32.33	11.77	-32.33	0.05	280.42	56.85	83.62	253.64	-72.60
333	24	372	2.71	12.97	-32.18	12.97	-32.18	0.05	259.61	83.78	89.09	254.30	-30.10
		378	2.20	13.05	-31.54	13.05	-31.54	0.05	183.64	69.53	79.43	173.75	-32.10
		377	2.33	11.84	-31.69	11.84	-31.69	0.05	213.09	33.96	73.96	173.09	-74.60
		371	2.82	11.77	-32.33	11.77	-32.33	0.05	280.42	56.85	83.62	253.64	-72.60
334	5	373	3.89	12.47	-39.06	11.35	-37.93	7.52	437.99	106.00	123.03	420.96	73.25
		379	3.16	12.55	-38.51	11.42	-37.38	7.52	332.22	83.37	109.28	306.32	76.00
		378	3.19	19.01	-37.61	17.99	-36.59	7.52	308.47	115.52	116.77	307.22	15.51
		372	3.93	18.93	-38.15	17.92	-37.15	7.52	422.41	129.97	130.53	421.86	12.76
334	15	373	5.68	26.66	-23.82	16.29	-13.45	-20.40	347.08	-435.51	3.60	-92.03	388.36
		379	5.69	27.66	-21.21	16.67	-10.22	-20.40	312.96	-477.81	-4.59	-160.27	387.65
		378	5.28	29.09	-20.65	18.45	-10.01	-20.40	276.46	-443.49	-6.53	-160.50	351.64
		372	5.27	28.12	-23.29	18.06	-13.23	-20.40	310.17	-400.78	1.65	-92.26	352.36
334	21	373	2.83	9.34	-29.31	8.41	-28.38	5.93	314.37	76.35	88.95	301.77	53.30
		379	2.30	9.38	-29.05	8.44	-28.11	5.93	237.35	59.47	78.89	217.92	55.47
		378	2.33	14.37	-28.34	13.53	-27.50	5.93	219.57	83.87	84.81	218.64	11.24
		372	2.87	14.33	-28.60	13.50	-27.77	5.93	302.87	94.48	94.87	302.48	9.07
334	24	373	2.83	9.34	-29.31	8.41	-28.38	5.93	314.37	76.35	88.95	301.77	53.30
		379	2.30	9.38	-29.05	8.44	-28.11	5.93	237.35	59.47	78.89	217.92	55.47
		378	2.33	14.37	-28.34	13.53	-27.50	5.93	219.57	83.87	84.81	218.64	11.24
		372	2.87	14.33	-28.60	13.50	-27.77	5.93	302.87	94.48	94.87	302.48	9.07
335	5	374	4.80	3.76	-36.08	-1.28	-31.03	13.25	651.29	39.40	110.53	580.16	196.12
		380	4.18	3.87	-35.67	-1.23	-30.57	13.25	561.36	4.01	97.10	468.27	207.89
		379	4.02	16.31	-32.81	12.43	-28.93	13.25	527.72	73.57	129.17	472.12	148.86
		373	4.70	16.22	-33.24	12.37	-29.39	13.25	623.12	103.49	142.60	584.01	137.09
335	19	374	6.17	17.29	-15.24	16.49	-14.44	5.02	431.38	-557.61	-7.89	-118.35	491.40
		380	6.20	18.33	-8.31	17.34	-7.33	5.02	410.20	-587.41	-13.35	-163.85	493.10
		379	5.99	25.71	-7.20	24.93	-6.42	5.02	389.40	-561.43	-8.73	-163.30	469.09
		373	5.95	24.73	-14.19	24.07	-13.53	5.02	410.36	-531.42	-3.27	-117.79	467.39
335	21	374	3.46	2.81	-27.07	-1.24	-23.02	10.23	468.90	27.58	79.39	417.08	142.07
		380	3.01	2.86	-26.88	-1.21	-22.81	10.23	404.42	1.80	69.73	336.50	150.78
		379	2.91	12.32	-24.64	9.23	-21.56	10.23	380.22	52.58	93.46	339.35	108.27
		373	3.40	12.28	-24.84	9.21	-21.77	10.23	448.61	74.44	103.13	419.93	99.56
335	24	374	3.46	2.81	-27.07	-1.24	-23.02	10.23	468.90	27.58	79.39	417.08	142.07
		380	3.01	2.86	-26.88	-1.21	-22.81	10.23	404.42	1.80	69.73	336.50	150.78
		379	2.91	12.32	-24.64	9.23	-21.56	10.23	380.22	52.58	93.46	339.35	108.27
		373	3.40	12.28	-24.84	9.21	-21.77	10.23	448.61	74.44	103.13	419.93	99.56
336	5	375	6.06	-5.78	-33.80	-16.64	-22.94	13.65	893.66	20.42	99.33	814.75	250.36
		381	5.60	-5.29	-33.12	-16.51	-21.89	13.65	819.63	-7.65	88.39	723.58	265.01
		380	5.42	6.98	-26.84	0.05	-19.90	13.65	798.57	58.11	128.31	728.37	216.92
		374	5.96	6.67	-27.70	-0.07	-20.95	13.65	875.13	83.65	139.25	819.54	202.27
336	19	375	6.05	8.80	-23.73	-1.16	-13.77	15.00	611.60	-294.27	34.70	282.63	435.64
		381	6.08	9.70	-22.13	-0.90	-11.53	15.00	610.14	-298.49	34.09	277.56	437.70
		380	6.04	23.87	-16.14	17.10	-9.37	15.00	610.04	-292.11	39.70	278.23	435.02
		374	6.01	23.28	-18.06	16.83	-11.61	15.00	611.49	-287.88	40.31	283.31	432.96
336	21	375	4.36	-4.19	-25.38	-12.82	-16.75	10.41	643.71	14.70	71.09	587.32	179.69
		381	4.07	-3.85	-24.94	-12.74	-16.06	10.41	592.39	-5.06	63.47	523.86	190.38
		380	3.92	5.25	-20.03	-0.22	-14.55	10.41	578.07	41.91	92.63	527.36	156.90
		374	4.29	5.04	-20.59	-0.31	-15.25	10.41	631.09	59.98	100.24	590.82	146.20
336	24	375	4.36	-4.19	-25.38	-12.82	-16.75	10.41	643.71	14.70	71.09	587.32	179.69
		381	4.07	-3.85	-24.94	-12.74	-16.06	10.41	592.39	-5.06	63.47	523.86	190.38
		380	3.92	5.25	-20.03	-0.22	-14.55	10.41	578.07	41.91	92.63	527.36	156.90
		374	4.29	5.04	-20.59	-0.31	-15.25	10.41	631.09	59.98	100.24	590.82	146.20
337	6	376	15.83	11.24	-34.88	9.77	-33.41	-8.11	2299.07	226.97	235.43	2290.62	-132.09
		382	13.25	13.10	-23.37	11.20	-21.47	-8.11	1949.49	185.22	193.50	1941.21	-120.60
		191	13.35	-1.77	-26.43	-4.82	-23.39	-8.11	1997.43	172.36	224.82	1944.97	-304.93
		190	15.90	-4.14	-37.44	-6.25	-35.33	-8.11	2342.61	218.51	266.75	2294.37	-316.43
337	17	376	25.71	23.70	-21.04	20.72	-18.06	-11.15	3942.12	447.94	480.35	3909.71	-334.94
		382	21.86	27.56	-4.08	22.96	0.53	-11.15	3424.23	379.45	417.52	3386.16	-338.31
		191	22.73	4.40	-19.18	-11.21	-3.57	-11.15	3506.94	286.46	408.33	3385.06	-614.52
		190	26.00	-5.82	-29.77	-13.44	-22.16	-11.15	4014.03	365.73	471.16	3908.61	-611.15
337	22	376	10.12	8.63	-28.40	7.37	-27.14	-6.73	1439.30	140.42	149.78	1429.94	-109.91
		382	8.50	9.86	-20.88	8.31	-19.33	-6.73	1222.14	113.90	123.68	1212.37	-103.62
		191	8.58	-1.65	-23.17	-4.01	-20.81	-6.73	1257.15	98.09	140.82	1214.43	-218.40
		190	10.17	-3.17	-30.39	-4.95	-28.61	-6.73	1470.71	128.20	166.92	1431.99	-224.69
337	25	376	9.35	8.68	-29.29	7.33	-27.94	-7.03	1315.31	126.86	138.24	1303.92	-115.76

		382	7.87	9.83	-22.22	8.21	-20.60	-7.03	1118.00	102.29	114.47	1105.82	-110.55
		191	7.95	-1.80	-24.53	-4.23	-22.09	-7.03	1152.69	83.50	128.66	1107.52	-215.06
		190	9.40	-3.22	-31.31	-5.11	-29.43	-7.03	1346.27	111.79	152.44	1305.63	-220.27
338	6	377	5.44	17.61	-29.56	17.12	-29.07	-4.78	600.95	-34.97	-33.84	599.82	26.72
		383	4.06	19.12	-18.16	18.50	-17.54	-4.78	424.84	-61.01	-55.50	419.34	51.43
		382	3.63	12.32	-19.12	11.57	-18.37	-4.78	431.98	7.28	11.84	427.42	-43.79
		376	5.13	10.75	-30.47	10.19	-29.90	-4.78	615.96	25.44	33.50	607.90	-68.50
338	17	377	11.50	33.29	-15.53	33.13	-15.37	-2.76	1651.78	169.42	171.83	1649.37	-59.78
		383	8.75	35.59	2.93	35.36	3.16	-2.76	1305.33	128.54	130.33	1303.54	-45.90
		382	8.85	23.45	1.34	23.09	1.69	-2.76	1352.12	124.11	168.15	1308.07	-228.35
		376	11.56	21.07	-17.04	20.87	-16.84	-2.76	1693.45	170.11	209.65	1653.91	-242.23
338	22	377	3.75	14.13	-24.66	13.69	-24.21	-4.15	394.29	-15.14	-15.02	394.17	-6.95
		383	2.79	15.12	-17.25	14.58	-16.71	-4.15	271.12	-30.03	-29.81	270.90	8.13
		382	2.57	9.18	-18.09	8.53	-17.44	-4.15	287.56	-0.43	11.29	275.84	-56.90
		376	3.58	8.15	-25.45	7.63	-24.93	-4.15	412.51	12.67	26.08	399.10	-71.98
338	25	377	3.62	14.48	-25.66	13.98	-25.17	-4.44	373.62	-10.69	-9.66	372.59	-19.84
		383	2.69	15.41	-18.72	14.83	-18.13	-4.44	254.52	-23.99	-23.84	254.38	-6.39
		382	2.52	9.12	-19.60	8.41	-18.90	-4.44	276.69	-5.09	12.83	258.78	-68.75
		376	3.48	8.15	-26.52	7.57	-25.94	-4.44	395.34	8.66	27.01	376.99	-82.21
339	5	378	3.29	24.67	-40.93	24.65	-40.92	-1.10	244.49	27.05	36.01	235.53	-43.23
		384	2.49	25.20	-36.50	25.18	-36.48	-1.10	138.20	7.95	22.58	123.57	-41.12
		383	2.62	22.38	-36.84	22.36	-36.82	-1.10	187.37	-34.79	28.31	124.26	-100.19
		377	3.39	21.85	-41.27	21.83	-41.25	-1.10	280.11	-2.15	41.75	236.21	-102.29
339	15	378	5.77	45.35	-28.30	23.15	-6.10	-33.80	310.95	-322.80	-71.67	59.82	309.98
		384	5.76	48.91	-22.03	24.21	2.68	-33.80	257.79	-380.26	-83.52	-38.95	318.24
		383	5.11	45.50	-24.23	19.19	2.08	-33.80	217.79	-315.05	-61.01	-36.25	266.14
		377	5.12	41.72	-30.29	18.14	-6.70	-33.80	270.53	-257.18	-49.16	62.52	257.88
339	21	378	2.43	18.63	-30.88	18.62	-30.88	-0.61	173.94	17.83	24.61	167.17	-31.81
		384	1.84	19.01	-27.72	19.00	-27.72	-0.61	95.79	3.55	14.71	84.63	-30.07
		383	1.94	16.95	-27.97	16.94	-27.96	-0.61	132.95	-28.31	19.44	85.20	-73.62
		377	2.50	16.57	-31.13	16.56	-31.12	-0.61	200.85	-3.77	29.34	167.74	-75.36
339	24	378	2.43	18.63	-30.88	18.62	-30.88	-0.61	173.94	17.83	24.61	167.17	-31.81
		384	1.84	19.01	-27.72	19.00	-27.72	-0.61	95.79	3.55	14.71	84.63	-30.07
		383	1.94	16.95	-27.97	16.94	-27.96	-0.61	132.95	-28.31	19.44	85.20	-73.62
		377	2.50	16.57	-31.13	16.56	-31.12	-0.61	200.85	-3.77	29.34	167.74	-75.36
340	5	379	3.38	18.39	-37.98	17.10	-36.70	8.41	320.78	24.23	46.26	298.75	77.77
		385	2.54	18.93	-34.21	17.56	-32.85	8.41	213.64	-0.33	32.15	181.16	76.78
		384	2.68	26.94	-33.07	25.74	-31.86	8.41	182.26	28.03	29.45	180.84	14.74
		378	3.50	26.41	-36.86	25.27	-35.72	8.41	299.40	42.60	43.56	298.43	15.73
340	15	379	6.01	37.86	-24.24	23.07	-9.46	-26.45	256.94	-505.97	-79.75	-169.29	378.82
		385	5.98	40.15	-19.09	23.87	-2.80	-26.45	225.61	-529.28	-85.60	-218.06	371.59
		384	5.70	39.91	-19.21	23.54	-2.84	-26.45	187.76	-513.48	-105.30	-220.43	345.86
		378	5.74	37.60	-24.35	22.75	-9.49	-26.45	219.38	-490.47	-99.44	-171.65	353.08
340	21	379	2.46	13.83	-28.66	12.77	-27.60	6.65	228.68	15.42	31.82	212.28	56.83
		385	1.86	14.22	-26.03	13.09	-24.90	6.65	150.81	-2.87	21.52	126.42	56.16
		384	1.97	20.42	-25.13	19.43	-24.14	6.65	127.29	18.60	19.69	126.20	10.86
		378	2.57	20.05	-27.78	19.11	-26.83	6.65	212.79	29.27	30.00	212.06	11.53
340	24	379	2.46	13.83	-28.66	12.77	-27.60	6.65	228.68	15.42	31.82	212.28	56.83
		385	1.86	14.22	-26.03	13.09	-24.90	6.65	150.81	-2.87	21.52	126.42	56.16
		384	1.97	20.42	-25.13	19.43	-24.14	6.65	127.29	18.60	19.69	126.20	10.86
		378	2.57	20.05	-27.78	19.11	-26.83	6.65	212.79	29.27	30.00	212.06	11.53
341	5	380	4.23	6.45	-37.23	-0.32	-30.46	15.81	559.14	-32.32	62.68	464.14	217.17
		386	3.64	7.21	-34.75	0.02	-27.56	15.81	455.10	-69.55	47.54	338.01	218.45
		385	3.35	23.57	-30.46	18.46	-25.35	15.81	403.83	-14.38	51.02	338.43	151.90
		379	4.20	22.99	-33.13	18.11	-28.25	15.81	515.10	15.62	66.15	464.56	150.63
341	15	380	6.07	22.81	-19.60	15.81	-12.61	-15.74	421.08	-462.37	-19.65	-21.65	441.72
		386	5.86	23.87	-16.34	16.28	-8.74	-15.74	382.16	-470.62	-24.70	-63.76	425.94
		385	5.69	29.83	-14.47	23.26	-7.90	-15.74	335.42	-472.04	-67.71	-68.92	403.73
		379	5.90	28.89	-17.86	22.79	-11.77	-15.74	375.16	-464.62	-62.65	-26.81	419.51
341	21	380	3.05	4.84	-28.19	-0.61	-22.74	12.26	402.65	-25.23	44.01	333.42	157.58
		386	2.67	5.38	-26.50	-0.37	-20.75	12.26	327.74	-52.11	33.10	242.52	158.45
		385	2.44	17.86	-23.12	13.79	-19.05	12.26	290.66	-12.36	35.49	242.81	110.50
		379	3.05	17.46	-24.94	13.55	-21.04	12.26	370.75	9.34	46.39	333.70	109.62
341	24	380	3.05	4.84	-28.19	-0.61	-22.74	12.26	402.65	-25.23	44.01	333.42	157.58
		386	2.67	5.38	-26.50	-0.37	-20.75	12.26	327.74	-52.11	33.10	242.52	158.45
		385	2.44	17.86	-23.12	13.79	-19.05	12.26	290.66	-12.36	35.49	242.81	110.50
		379	3.05	17.46	-24.94	13.55	-21.04	12.26	370.75	9.34	46.39	333.70	109.62
342	5	381	6.00	-6.42	-40.22	-23.87	-22.77	16.89	831.35	-31.97	77.15	722.23	286.88
		387	5.63	-4.94	-38.89	-23.57	-20.26	16.89	735.05	-64.47	63.35	607.22	293.02
		386	4.88	11.25	-27.28	1.26	-17.28	16.89	696.77	-7.45	80.09	609.23	232.34
		380	5.47	10.40	-29.24	0.96	-19.79	16.89	797.01	21.12	93.89	724.24	226.20
342	15	381	5.68	-1.07	-14.42	-1.68	-13.81	-2.80	670.65	-213.46	52.70	404.48	405.55
		387	5.50	-0.95	-13.73	-1.60	-13.09	-2.80	641.75	-217.69	49.16	374.91	397.65
		386	5.49	16.29	-11.26	16.01	-10.97	-2.80	619.10	-219.15	27.63	372.32	382.05
		380	5.68	16.20	-11.97	15.92	-11.69	-2.80	648.30	-215.22	31.18	401.90	389.95
342	21	381	4.38	-4.65	-30.61	-18.51	-16.75	12.95	600.65	-22.93	54.89	522.83	206.09
		387	4.12	-3.61	-29.71	-18.30	-15.02	12.95	533.28	-45.55	45.25	442.48	210.50

		386	3.58	8.49	-20.65	0.59	-12.75	12.95	506.80	-5.60	57.27	443.93	168.11
		380	3.95	7.88	-21.98	0.38	-14.48	12.95	576.82	14.36	66.91	524.27	163.70
342	24	381	4.38	-4.65	-30.61	-18.51	-16.75	12.95	600.65	-22.93	54.89	522.83	206.09
		387	4.12	-3.61	-29.71	-18.30	-15.02	12.95	533.28	-45.55	45.25	442.48	210.50
		386	3.58	8.49	-20.65	0.59	-12.75	12.95	506.80	-5.60	57.27	443.93	168.11
		380	3.95	7.88	-21.98	0.38	-14.48	12.95	576.82	14.36	66.91	524.27	163.70
343	6	382	13.40	15.16	-23.33	13.08	-21.25	-8.71	1937.34	123.61	127.64	1933.31	-85.42
		388	10.24	18.89	-5.99	15.34	-2.43	-8.71	1526.57	76.46	78.58	1524.45	-55.46
		192	10.31	3.70	-13.72	-5.13	-4.89	-8.71	1585.83	108.67	160.25	1534.25	-271.16
		191	13.34	-3.62	-27.48	-7.39	-23.70	-8.71	1993.92	158.50	209.31	1943.11	-301.13
343	19	382	22.11	48.27	-9.30	25.76	13.22	-28.09	3418.09	330.32	346.81	3401.60	-225.06
		388	19.56	67.04	8.55	29.68	45.91	-28.09	2848.54	261.94	278.46	2832.01	-206.10
		192	20.80	54.05	-20.86	-8.18	41.37	-28.09	2936.67	231.67	330.13	2838.21	-506.60
		191	23.28	28.24	-31.67	-12.10	8.67	-28.09	3496.94	309.34	398.48	3407.80	-525.56
343	22	382	8.62	11.64	-20.95	9.84	-19.15	-7.45	1211.96	66.92	72.64	1206.25	-80.69
		388	6.60	14.01	-9.36	11.33	-6.68	-7.45	952.78	37.71	41.74	948.75	-60.55
		192	6.56	1.09	-14.32	-4.64	-8.60	-7.45	998.13	53.83	96.62	955.34	-196.40
		191	8.56	-3.05	-24.14	-6.13	-21.06	-7.45	1254.44	85.91	127.52	1212.83	-216.54
343	25	382	7.99	11.68	-22.33	9.77	-20.41	-7.84	1107.25	55.20	62.83	1099.62	-89.26
		388	6.13	13.91	-11.34	11.18	-8.61	-7.84	869.74	28.63	34.53	863.84	-70.22
		192	6.09	0.53	-16.10	-5.02	-10.56	-7.84	915.74	40.76	86.43	870.07	-194.61
		191	7.93	-3.22	-25.57	-6.44	-22.35	-7.84	1149.95	70.62	114.72	1105.85	-213.66
344	6	383	4.63	20.93	-17.90	20.35	-17.32	-4.72	417.27	-181.10	-169.49	405.66	82.55
		389	3.53	23.47	-0.38	22.50	0.60	-4.72	266.99	-224.36	-190.22	232.85	124.93
		388	2.43	16.90	-1.53	15.60	-0.23	-4.72	250.21	-78.26	-74.75	246.71	33.76
		382	3.87	14.14	-18.84	13.45	-18.15	-4.72	419.67	-54.17	-54.01	419.52	-8.62
344	17	383	9.20	40.60	3.79	40.60	3.79	-0.38	1288.43	4.13	4.16	1288.39	-6.66
		389	6.66	44.48	35.95	44.46	35.97	-0.38	896.38	-43.98	-43.00	895.40	30.40
		388	6.89	35.31	34.53	35.00	34.83	-0.38	942.90	22.62	58.00	907.52	-176.94
		382	9.09	31.15	2.65	31.14	2.66	-0.38	1337.67	68.00	105.16	1300.51	-214.00
344	22	383	3.24	17.44	-17.03	16.85	-16.44	-4.48	262.21	-122.19	-120.05	260.08	28.58
		389	2.44	19.15	-5.20	18.30	-4.34	-4.48	153.22	-146.00	-134.28	141.50	58.05
		388	1.69	12.64	-6.28	11.51	-5.16	-4.48	151.24	-54.08	-53.98	151.14	-4.51
		382	2.73	10.78	-17.97	10.06	-17.26	-4.48	273.40	-43.43	-39.75	269.71	-33.98
344	25	383	3.15	18.09	-18.49	17.42	-17.82	-4.91	243.77	-116.43	-115.99	243.32	12.70
		389	2.35	19.73	-7.18	18.81	-6.25	-4.91	135.62	-136.01	-129.67	129.28	41.02
		388	1.65	12.58	-8.37	11.36	-7.15	-4.91	140.44	-54.40	-52.50	138.54	-19.15
		382	2.67	10.79	-19.53	9.97	-18.71	-4.91	260.12	-46.36	-38.82	252.58	-47.47
345	5	384	3.38	33.05	-35.60	32.99	-35.55	-2.01	111.73	-141.36	-134.36	104.74	-41.49
		390	2.70	34.36	-24.80	34.29	-24.73	-2.01	20.70	-152.28	-145.29	13.70	-34.07
		389	2.60	30.50	-25.27	30.43	-25.19	-2.01	53.81	-162.75	-125.07	16.13	-82.10
		383	3.29	29.20	-36.07	29.13	-36.01	-2.01	138.84	-145.82	-114.15	107.17	-89.52
345	15	384	6.47	57.80	-27.09	27.62	3.09	-40.64	182.82	-481.87	-241.18	-57.87	319.46
		390	6.68	63.73	-18.62	29.16	15.94	-40.64	164.85	-528.55	-248.11	-115.59	340.31
		389	6.17	58.59	-22.89	20.76	14.94	-40.64	162.56	-462.62	-191.29	-108.77	309.85
		383	5.93	52.18	-30.88	19.22	2.08	-40.64	178.89	-414.30	-184.36	-51.05	289.00
345	21	384	2.52	25.06	-27.03	25.03	-26.99	-1.32	75.63	-108.26	-103.12	70.49	-30.31
		390	2.03	26.02	-19.07	25.98	-19.03	-1.32	8.99	-116.20	-111.11	3.90	-24.72
		389	1.95	23.15	-19.42	23.11	-19.38	-1.32	33.43	-123.58	-95.88	5.73	-59.85
		383	2.45	22.19	-27.37	22.16	-27.34	-1.32	95.65	-111.22	-87.89	72.32	-65.44
345	24	384	2.52	25.06	-27.03	25.03	-26.99	-1.32	75.63	-108.26	-103.12	70.49	-30.31
		390	2.03	26.02	-19.07	25.98	-19.03	-1.32	8.99	-116.20	-111.11	3.90	-24.72
		389	1.95	23.15	-19.42	23.11	-19.38	-1.32	33.43	-123.58	-95.88	5.73	-59.85
		383	2.45	22.19	-27.37	22.16	-27.34	-1.32	95.65	-111.22	-87.89	72.32	-65.44
346	5	385	3.20	25.00	-33.36	23.75	-32.10	8.47	181.14	-120.70	-104.35	164.78	68.33
		391	2.39	26.56	-22.66	25.06	-21.16	8.47	80.66	-134.77	-116.62	62.51	59.84
		390	2.81	36.14	-21.26	34.86	-19.98	8.47	59.90	-139.94	-139.76	59.73	5.88
		384	3.55	34.64	-32.02	33.55	-30.93	8.47	162.72	-128.20	-127.49	162.01	14.38
346	15	385	6.33	51.32	-23.68	29.74	-2.10	-33.95	116.94	-574.33	-222.85	-234.53	345.59
		391	6.21	56.23	-14.86	31.21	10.17	-33.95	103.79	-558.01	-222.51	-231.71	330.87
		390	6.28	54.33	-16.07	28.43	9.83	-33.95	83.04	-582.18	-262.62	-236.53	332.36
		384	6.40	49.26	-24.73	26.96	-2.43	-33.95	96.12	-598.43	-262.96	-239.35	347.07
346	21	385	2.36	18.89	-25.38	17.84	-24.33	6.73	126.17	-92.62	-80.61	114.16	49.83
		391	1.78	20.06	-17.54	18.81	-16.30	6.73	53.06	-102.74	-89.53	39.85	43.40
		390	2.11	27.48	-16.44	26.42	-15.38	6.73	37.87	-107.17	-107.05	37.74	4.20
		384	2.64	26.37	-24.32	25.46	-23.41	6.73	112.59	-98.67	-98.13	112.06	10.63
346	24	385	2.36	18.89	-25.38	17.84	-24.33	6.73	126.17	-92.62	-80.61	114.16	49.83
		391	1.78	20.06	-17.54	18.81	-16.30	6.73	53.06	-102.74	-89.53	39.85	43.40
		390	2.11	27.48	-16.44	26.42	-15.38	6.73	37.87	-107.17	-107.05	37.74	4.20
		384	2.64	26.37	-24.32	25.46	-23.41	6.73	112.59	-98.67	-98.13	112.06	10.63
347	5	386	3.66	9.51	-35.04	1.81	-27.35	16.84	425.00	-128.85	-32.28	328.44	210.14
		392	3.28	11.96	-28.19	2.81	-19.04	16.84	305.11	-150.51	-47.45	202.05	190.62
		391	2.96	31.57	-22.22	25.64	-16.30	16.84	240.68	-145.65	-100.64	195.67	123.94
		385	3.92	29.86	-29.81	24.65	-24.61	16.84	367.49	-130.91	-85.48	322.05	143.46
347	19	386	5.94	40.07	0.99	33.60	7.46	-14.52	237.34	-592.90	-148.87	-206.69	414.11
		392	5.46	47.10	16.96	36.06	28.00	-14.52	192.21	-530.54	-147.02	-191.31	360.69
		391	5.76	43.37	14.17	30.25	27.30	-14.52	120.49	-621.87	-292.60	-208.77	368.81

		385	6.24	35.20	-0.65	27.78	6.77	-14.52	164.39	-682.99	-294.44	-224.15	422.23
347	21	386	2.69	7.15	-26.82	0.93	-20.60	13.14	305.15	-96.40	-26.62	235.36	152.16
		392	2.42	8.98	-21.91	1.65	-14.58	13.14	218.28	-111.41	-37.53	144.40	137.47
		391	2.19	24.00	-17.20	19.27	-12.47	13.14	171.72	-109.68	-77.56	139.60	89.48
		385	2.87	22.73	-22.67	18.55	-18.48	13.14	263.43	-99.52	-66.64	230.55	104.17
347	24	386	2.69	7.15	-26.82	0.93	-20.60	13.14	305.15	-96.40	-26.62	235.36	152.16
		392	2.42	8.98	-21.91	1.65	-14.58	13.14	218.28	-111.41	-37.53	144.40	137.47
		391	2.19	24.00	-17.20	19.27	-12.47	13.14	171.72	-109.68	-77.56	139.60	89.48
		385	2.87	22.73	-22.67	18.55	-18.48	13.14	263.43	-99.52	-66.64	230.55	104.17
348	5	387	5.96	-6.85	-46.99	-32.50	-21.34	19.27	733.08	-93.47	35.70	603.91	300.13
		393	5.41	-3.14	-44.80	-31.87	-16.07	19.27	601.13	-123.08	18.39	459.66	287.13
		392	4.42	16.71	-24.83	3.68	-11.80	19.27	535.94	-97.58	-17.05	455.41	211.02
		386	5.01	14.73	-28.75	3.05	-17.07	19.27	674.13	-74.22	0.26	599.65	224.03
348	15	387	5.75	11.17	-14.50	8.54	-11.87	-7.78	629.70	-221.91	34.63	373.16	390.71
		393	5.23	11.73	-12.17	8.85	-9.29	-7.78	552.13	-226.95	25.78	299.40	364.73
		392	5.14	27.77	-8.96	26.04	-7.23	-7.78	489.50	-243.63	-45.04	290.90	325.81
		386	5.67	27.36	-11.43	25.73	-9.81	-7.78	569.13	-240.65	-36.18	364.67	351.80
348	21	387	4.37	-5.00	-36.22	-25.35	-15.87	14.87	531.52	-67.32	24.24	439.96	215.52
		393	3.98	-2.33	-34.70	-24.90	-12.14	14.87	437.63	-87.41	12.03	338.19	205.72
		392	3.26	12.62	-19.16	2.33	-8.87	14.87	391.85	-71.52	-14.66	334.99	152.03
		386	3.68	11.19	-21.90	1.89	-12.60	14.87	489.94	-55.63	-2.45	436.76	161.82
348	24	387	4.37	-5.00	-36.22	-25.35	-15.87	14.87	531.52	-67.32	24.24	439.96	215.52
		393	3.98	-2.33	-34.70	-24.90	-12.14	14.87	437.63	-87.41	12.03	338.19	205.72
		392	3.26	12.62	-19.16	2.33	-8.87	14.87	391.85	-71.52	-14.66	334.99	152.03
		386	3.68	11.19	-21.90	1.89	-12.60	14.87	489.94	-55.63	-2.45	436.76	161.82
349	6	388	10.45	21.34	-6.07	17.45	-2.18	-9.57	1517.39	18.00	18.19	1517.20	17.01
		394	7.55	33.65	13.72	20.89	26.47	-9.57	1034.37	-43.73	-40.17	1030.82	61.81
		193	8.08	26.03	-9.17	-6.34	23.21	-9.57	1083.36	44.00	81.89	1045.47	-194.80
		192	10.29	2.20	-17.42	-9.78	-5.45	-9.57	1571.94	100.16	140.26	1531.85	-239.59
349	19	388	19.48	70.80	8.78	33.25	46.34	-30.31	2835.08	232.56	240.22	2827.42	-140.96
		394	17.18	113.46	27.33	39.80	100.98	-30.31	2197.09	156.52	163.71	2189.90	-120.97
		193	18.66	102.96	-19.01	-10.94	94.89	-30.31	2297.03	117.56	218.17	2196.43	-457.32
		192	20.88	53.24	-30.49	-17.50	40.25	-30.31	2920.71	207.92	294.67	2833.96	-477.30
349	22	388	6.82	15.78	-9.41	12.87	-6.50	-8.05	940.86	-24.33	-24.30	940.83	-5.64
		394	4.52	22.04	5.74	15.16	12.63	-8.05	622.35	-64.19	-62.69	620.85	32.07
		193	4.96	13.43	-9.34	-6.00	10.09	-8.05	663.19	10.05	40.06	633.18	-136.75
		192	6.48	-0.60	-16.72	-8.29	-9.03	-8.05	986.67	44.95	78.45	953.16	-174.45
349	25	388	6.36	15.62	-11.37	12.68	-8.43	-8.41	855.16	-40.24	-39.97	854.90	-15.42
		394	4.05	21.07	3.48	14.85	9.70	-8.41	556.35	-76.80	-75.90	555.46	23.80
		193	4.52	11.13	-10.55	-6.55	7.13	-8.41	599.93	-0.68	30.97	568.28	-134.18
		192	6.01	-1.38	-18.35	-8.73	-11.00	-8.41	903.66	30.97	66.90	867.72	-173.40
350	6	389	4.55	22.82	-0.53	21.78	0.51	-4.82	265.48	-395.20	-344.10	214.39	176.49
		395	4.41	33.99	22.74	25.47	31.26	-4.82	196.39	-475.27	-360.08	81.21	253.17
		394	2.87	32.81	19.37	21.40	30.77	-4.82	201.23	-246.07	-151.12	106.28	182.91
		388	3.07	18.94	-1.20	17.71	0.02	-4.82	267.49	-163.16	-135.14	239.46	106.23
350	15	389	7.69	73.53	-28.67	22.27	22.58	-51.10	480.84	-449.21	-329.62	361.24	311.33
		395	8.14	83.38	-19.92	24.27	39.19	-51.10	386.78	-564.81	-352.08	174.06	396.45
		394	6.46	73.42	-34.32	2.52	36.58	-51.10	379.34	-297.55	-120.11	201.89	297.70
		388	5.89	62.27	-41.77	0.52	19.97	-51.10	468.85	-177.41	-97.65	389.08	212.57
350	22	389	3.34	20.04	-5.15	19.13	-4.24	-4.69	146.61	-291.61	-270.20	125.19	94.47
		395	3.17	24.44	13.79	21.63	16.59	-4.69	100.45	-339.00	-280.22	41.67	149.59
		394	1.99	20.40	11.01	15.55	15.86	-4.69	106.72	-177.06	-130.03	59.69	105.52
		388	2.21	14.20	-6.12	13.05	-4.97	-4.69	152.54	-129.33	-120.01	143.22	50.40
350	24	389	3.42	29.98	-22.39	28.45	-20.86	-8.82	20.49	-319.27	-304.83	6.05	-68.53
		395	3.14	31.87	-10.39	29.94	-8.46	-8.82	-18.30	-309.95	-307.99	-20.26	-23.81
		394	1.84	15.73	-13.49	12.77	-10.53	-8.82	1.92	-193.70	-186.14	-5.64	-37.70
		388	2.23	13.42	-25.06	11.28	-22.92	-8.82	49.85	-212.15	-182.98	20.68	-82.41
351	5	390	4.76	40.35	-24.04	40.31	-24.01	-1.53	-19.85	-460.21	-456.42	-23.63	-40.66
		396	4.39	43.13	-1.04	43.08	-0.98	-1.53	-34.01	-458.96	-457.81	-35.16	-22.09
		395	4.00	40.47	-1.36	40.42	-1.30	-1.53	-27.00	-409.30	-407.21	-29.09	-28.18
		389	4.37	37.69	-24.37	37.65	-24.33	-1.53	-12.01	-411.38	-405.83	-17.56	-46.74
351	15	390	7.88	72.28	-24.37	31.67	16.25	-47.71	79.93	-717.04	-492.22	-144.88	358.65
		396	8.26	81.26	-14.15	33.72	33.38	-47.71	144.01	-736.51	-487.44	-105.06	396.58
		395	8.11	75.69	-20.12	23.42	32.15	-47.71	203.92	-680.65	-384.08	-92.65	417.59
		389	7.70	66.00	-29.62	21.37	15.01	-47.71	140.05	-661.39	-388.86	-132.48	379.66
351	21	390	3.59	30.71	-18.49	30.69	-18.47	-0.99	-21.46	-348.28	-345.51	-24.23	-29.96
		396	3.33	32.79	-1.28	32.76	-1.25	-0.99	-29.45	-347.06	-346.23	-30.27	-16.17
		395	3.03	30.81	-1.51	30.78	-1.48	-0.99	-24.45	-309.97	-308.65	-25.76	-19.36
		389	3.30	28.73	-18.73	28.71	-18.71	-0.99	-15.95	-311.69	-307.92	-19.72	-33.15
351	24	390	3.59	30.71	-18.49	30.69	-18.47	-0.99	-21.46	-348.28	-345.51	-24.23	-29.96
		396	3.33	32.79	-1.28	32.76	-1.25	-0.99	-29.45	-347.06	-346.23	-30.27	-16.17
		395	3.03	30.81	-1.51	30.78	-1.48	-0.99	-24.45	-309.97	-308.65	-25.76	-19.36
		389	3.30	28.73	-18.73	28.71	-18.71	-0.99	-15.95	-311.69	-307.92	-19.72	-33.15
352	5	391	4.00	30.54	-21.66	29.51	-20.63	7.27	32.75	-373.99	-372.99	31.74	20.18
		397	3.55	34.17	2.00	32.43	3.73	7.27	-7.66	-377.93	-377.74	-7.85	-8.41
		396	4.43	45.13	3.78	43.81	5.10	7.27	-15.25	-457.60	-455.65	-17.20	-29.30
		390	4.83	41.75	-20.13	40.88	-19.26	7.27	22.40	-450.90	-450.90	22.39	-0.71

352	19	391	6.57	57.16	5.83	23.44	39.54	-24.37	-38.13	-758.53	-509.30	-287.36	342.68
		397	6.24	78.26	15.18	26.70	66.74	-24.37	41.74	-671.02	-491.36	-137.92	309.48
		396	7.35	80.35	21.05	33.81	67.59	-24.37	79.31	-809.92	-581.84	-148.78	388.33
		390	7.68	60.33	10.61	30.55	40.39	-24.37	-1.32	-896.68	-599.78	-298.22	421.53
352	21	391	3.00	23.17	-16.75	22.30	-15.88	5.83	17.35	-282.34	-281.77	16.78	13.14
		397	2.68	25.93	0.92	24.49	2.36	5.83	-9.82	-285.27	-284.99	-10.10	-8.76
		396	3.35	34.42	2.32	33.32	3.42	5.83	-15.66	-346.27	-344.67	-17.26	-22.94
		390	3.64	31.86	-15.55	31.13	-14.82	5.83	9.62	-341.45	-341.45	9.62	-1.04
352	24	391	3.00	23.17	-16.75	22.30	-15.88	5.83	17.35	-282.34	-281.77	16.78	13.14
		397	2.68	25.93	0.92	24.49	2.36	5.83	-9.82	-285.27	-284.99	-10.10	-8.76
		396	3.35	34.42	2.32	33.32	3.42	5.83	-15.66	-346.27	-344.67	-17.26	-22.94
		390	3.64	31.86	-15.55	31.13	-14.82	5.83	9.62	-341.45	-341.45	9.62	-1.04
353	5	392	2.97	12.13	-25.11	5.71	-18.69	14.07	227.99	-233.64	-190.54	184.88	134.32
		398	2.22	18.72	-10.46	7.98	0.28	14.07	107.38	-219.26	-201.92	90.04	73.23
		397	3.77	38.05	-2.47	32.37	3.21	14.07	71.28	-369.61	-368.39	70.06	23.19
		391	4.43	34.06	-19.74	30.09	-15.76	14.07	178.18	-370.28	-357.01	164.91	84.28
353	19	392	5.65	64.32	0.36	36.62	28.06	-31.69	34.50	-509.52	-269.07	-205.95	270.17
		398	4.86	78.81	14.00	39.63	53.18	-31.69	14.41	-382.57	-257.62	-110.54	184.37
		397	5.80	72.49	3.78	24.86	51.40	-31.69	-21.41	-608.64	-491.44	-138.60	234.70
		391	6.58	55.84	-7.70	21.85	26.29	-31.69	-20.89	-716.02	-502.89	-234.01	320.51
353	21	392	2.17	9.11	-19.59	3.84	-14.32	11.11	161.12	-173.59	-144.08	131.61	94.89
		398	1.63	14.12	-8.84	5.53	-0.25	11.11	74.48	-162.69	-152.20	63.99	48.76
		397	2.85	29.02	-2.55	24.45	2.02	11.11	49.43	-278.44	-277.91	48.90	13.08
		391	3.31	26.01	-15.29	22.76	-12.05	11.11	125.40	-278.67	-269.80	116.53	59.21
353	24	392	2.17	9.11	-19.59	3.84	-14.32	11.11	161.12	-173.59	-144.08	131.61	94.89
		398	1.63	14.12	-8.84	5.53	-0.25	11.11	74.48	-162.69	-152.20	63.99	48.76
		397	2.85	29.02	-2.55	24.45	2.02	11.11	49.43	-278.44	-277.91	48.90	13.08
		391	3.31	26.01	-15.29	22.76	-12.05	11.11	125.40	-278.67	-269.80	116.53	59.21
354	5	393	5.36	-6.62	-50.19	-39.80	-17.02	18.57	569.12	-140.36	-25.61	454.38	261.23
		399	4.42	2.34	-46.93	-38.49	-6.11	18.57	361.60	-158.94	-49.84	252.50	211.87
		398	3.18	22.71	-15.37	7.88	-0.54	18.57	261.27	-209.27	-184.36	236.36	105.36
		392	4.18	18.20	-23.08	6.57	-11.45	18.57	475.88	-197.78	-160.13	438.24	154.73
354	15	393	5.60	35.12	-15.11	27.11	-7.10	-18.39	502.93	-219.92	-11.87	294.88	327.26
		399	4.50	36.55	-10.65	27.74	-1.83	-18.39	337.57	-215.66	-29.13	151.05	261.53
		398	4.51	44.73	-8.14	37.28	-0.69	-18.39	211.64	-290.33	-208.25	129.56	185.65
		392	5.57	43.49	-12.80	36.65	-5.96	-18.39	383.40	-301.01	-190.99	273.39	251.38
354	21	393	3.96	-4.95	-39.21	-31.26	-12.90	14.46	414.51	-100.88	-20.64	334.27	186.86
		399	3.28	1.61	-36.86	-30.31	-4.95	14.46	262.35	-113.05	-38.25	187.54	149.95
		398	2.35	17.20	-12.37	5.48	-0.65	14.46	191.41	-154.76	-138.82	175.47	72.54
		392	3.09	13.84	-17.92	4.53	-8.61	14.46	347.75	-146.76	-121.21	322.20	109.45
354	24	393	3.96	-4.95	-39.21	-31.26	-12.90	14.46	414.51	-100.88	-20.64	334.27	186.86
		399	3.28	1.61	-36.86	-30.31	-4.95	14.46	262.35	-113.05	-38.25	187.54	149.95
		398	2.35	17.20	-12.37	5.48	-0.65	14.46	191.41	-154.76	-138.82	175.47	72.54
		392	3.09	13.84	-17.92	4.53	-8.61	14.46	347.75	-146.76	-121.21	322.20	109.45
355	8	394	7.95	31.23	11.16	12.36	30.02	-4.76	1008.84	-133.62	-128.74	1003.96	74.52
		280	8.72	104.54	21.00	21.27	104.27	-4.76	765.27	-181.28	-159.94	743.93	140.51
		27	8.44	101.90	-0.51	-0.29	101.68	-4.76	765.52	19.87	19.88	765.51	3.32
		193	7.80	28.04	-9.81	-9.20	27.44	-4.76	1029.55	47.07	51.08	1025.54	-62.67
355	17	394	18.35	92.16	46.33	46.59	91.90	-3.44	2139.46	-514.25	-503.58	2128.79	-167.91
		280	23.00	301.70	71.70	71.75	301.65	-3.44	1848.65	-537.59	-537.24	1848.30	29.03
		27	22.60	292.80	-2.33	-2.29	292.76	-3.44	1920.07	-7.91	-0.55	1912.70	-118.95
		193	18.16	83.13	-27.57	-27.46	83.02	-3.44	2238.44	-12.13	33.11	2193.19	-315.89
355	22	394	5.04	18.57	6.82	13.01	12.37	-5.86	605.51	-225.85	-222.07	601.73	55.94
		280	5.02	57.05	17.38	18.27	56.16	-5.86	384.29	-282.07	-251.80	354.01	138.78
		27	4.52	53.84	-6.50	-5.93	53.26	-5.86	381.26	-26.23	-26.07	381.10	8.09
		193	4.84	11.02	-12.73	-11.18	9.47	-5.86	637.62	-5.16	3.65	628.81	-74.74
355	25	394	4.72	17.67	4.98	13.15	9.49	-6.08	539.38	-242.39	-238.91	535.90	52.03
		280	4.45	49.49	16.64	17.81	48.32	-6.08	321.97	-300.74	-268.45	289.68	138.07
		27	3.89	46.05	-7.62	-6.92	45.35	-6.08	318.01	-34.19	-34.00	317.82	8.17
		193	4.38	8.38	-13.43	-11.58	6.53	-6.08	574.50	-14.93	-4.46	564.03	-77.86
356	5	395	7.35	43.72	-10.44	43.29	-10.02	-4.77	-81.18	-901.21	-901.03	-81.37	-12.20
		281	7.34	48.94	26.87	47.85	27.96	-4.77	16.01	-911.86	-891.75	-4.09	135.09
		280	4.46	29.21	19.57	23.72	25.06	-4.77	96.75	-543.05	-490.37	44.08	175.86
		394	4.12	19.86	-13.61	19.16	-12.92	-4.77	-31.46	-501.39	-499.64	-33.20	28.57
356	17	395	9.47	102.42	35.05	36.24	101.22	-8.90	410.15	-944.91	-898.14	363.39	247.35
		281	10.79	211.95	48.98	49.47	211.46	-8.90	119.78	-1032.62	-938.65	25.81	315.38
		280	9.34	213.38	60.58	61.10	212.86	-8.90	70.92	-776.13	-753.27	48.05	137.27
		394	8.05	104.03	46.46	47.87	102.62	-8.90	389.98	-717.11	-712.76	385.64	69.25
356	21	395	5.57	33.43	-8.40	33.11	-8.08	-3.61	-65.07	-682.08	-682.01	-65.14	-6.67
		281	5.58	37.31	19.70	36.54	20.48	-3.61	11.71	-690.72	-674.71	-4.30	104.83
		280	3.40	21.75	14.54	18.04	18.25	-3.61	74.29	-412.96	-370.84	32.17	136.94
		394	3.13	15.12	-10.82	14.61	-10.30	-3.61	-26.84	-379.98	-378.14	-28.68	25.43
356	24	395	5.57	33.43	-8.40	33.11	-8.08	-3.61	-65.07	-682.08	-682.01	-65.14	-6.67
		281	5.58	37.31	19.70	36.54	20.48	-3.61	11.71	-690.72	-674.71	-4.30	104.83
		280	3.40	21.75	14.54	18.04	18.25	-3.61	74.29	-412.96	-370.84	32.17	136.94
		394	3.13	15.12	-10.82	14.61	-10.30	-3.61	-26.84	-379.98	-378.14	-28.68	25.43
357	5	396	7.78	43.14	-1.05	43.08	-0.98	1.71	-99.22	-995.71	-995.27	-99.66	-19.70

		282	7.44	49.61	45.37	48.74	46.24	1.71	-70.69	-992.06	-991.83	-70.92	14.57
		281	6.90	50.73	45.72	50.06	46.40	1.71	-58.66	-899.48	-898.43	-59.71	29.73
		395	7.23	44.46	-0.89	44.39	-0.83	1.71	-88.42	-901.90	-901.88	-88.45	-4.54
357	19	396	8.66	108.65	6.90	29.77	85.77	-42.48	61.16	-958.68	-803.90	-93.63	365.91
		282	8.38	149.13	19.60	35.47	133.25	-42.48	165.12	-897.04	-786.15	54.24	324.78
		281	9.50	149.76	22.04	38.22	133.58	-42.48	189.88	-1047.35	-898.26	40.79	402.79
		395	9.81	109.53	9.09	32.52	86.10	-42.48	89.01	-1112.09	-916.00	-107.08	443.92
357	21	396	5.89	32.96	-1.29	32.90	-1.23	1.46	-78.66	-752.33	-752.02	-78.97	-14.50
		282	5.63	37.82	33.85	37.19	34.49	1.46	-55.51	-749.40	-749.23	-55.69	10.95
		281	5.23	38.75	34.10	38.24	34.61	1.46	-46.51	-680.73	-679.87	-47.36	23.23
		395	5.48	34.01	-1.16	33.95	-1.10	1.46	-70.64	-682.68	-682.67	-70.65	-2.22
357	24	396	5.89	32.96	-1.29	32.90	-1.23	1.46	-78.66	-752.33	-752.02	-78.97	-14.50
		282	5.63	37.82	33.85	37.19	34.49	1.46	-55.51	-749.40	-749.23	-55.69	10.95
		281	5.23	38.75	34.10	38.24	34.61	1.46	-46.51	-680.73	-679.87	-47.36	23.23
		395	5.48	34.01	-1.16	33.95	-1.10	1.46	-70.64	-682.68	-682.67	-70.65	-2.22
358	5	397	6.31	32.07	3.11	31.55	3.63	3.84	-58.92	-821.88	-819.89	-60.91	-38.92
		283	6.14	47.77	35.36	36.69	46.44	3.84	-24.89	-830.42	-817.16	-38.14	-102.49
		282	7.55	52.31	44.55	48.95	47.91	3.84	-50.22	-999.10	-990.39	-58.93	-90.48
		396	7.77	44.19	4.72	43.81	5.10	3.84	-80.90	-993.91	-993.12	-81.70	-26.91
358	19	397	6.72	93.82	-5.67	21.99	66.17	-44.57	-53.80	-700.90	-603.34	-151.36	231.54
		283	6.05	110.81	1.54	24.58	87.77	-44.57	1.57	-630.08	-589.82	-38.68	154.29
		282	7.46	112.53	5.99	30.09	88.43	-44.57	-6.40	-857.88	-800.33	-63.94	213.74
		396	8.09	95.88	-1.55	27.50	66.83	-44.57	-63.74	-926.73	-813.86	-176.62	290.99
358	21	397	4.75	24.41	1.83	23.94	2.30	3.21	-48.10	-617.99	-616.24	-49.85	-31.51
		283	4.63	35.93	26.55	27.82	34.65	3.21	-19.47	-624.89	-613.91	-30.44	-80.76
		282	5.72	39.88	33.26	37.34	35.80	3.21	-39.53	-755.15	-748.13	-46.55	-70.53
		396	5.88	33.80	3.10	33.46	3.44	3.21	-65.29	-751.12	-750.46	-65.95	-21.27
358	24	397	4.75	24.41	1.83	23.94	2.30	3.21	-48.10	-617.99	-616.24	-49.85	-31.51
		283	4.63	35.93	26.55	27.82	34.65	3.21	-19.47	-624.89	-613.91	-30.44	-80.76
		282	5.72	39.88	33.26	37.34	35.80	3.21	-39.53	-755.15	-748.13	-46.55	-70.53
		396	5.88	33.80	3.10	33.46	3.44	3.21	-65.29	-751.12	-750.46	-65.95	-21.27
359	5	398	3.29	11.92	-1.71	9.71	0.49	5.02	65.23	-409.00	-408.96	65.19	4.25
		284	3.60	39.01	13.20	14.22	38.00	5.02	84.54	-452.87	-411.59	43.26	-143.11
		283	6.39	43.82	32.78	35.99	40.61	5.02	23.66	-841.76	-813.17	-4.93	-154.68
		397	6.47	32.35	2.24	31.49	3.10	5.02	17.07	-810.61	-810.54	17.00	-7.32
359	15	398	5.55	78.72	-18.93	37.68	22.11	-48.20	-96.74	-510.91	-487.93	-119.72	94.82
		284	4.91	92.82	-3.86	40.81	48.15	-48.20	5.57	-473.10	-472.92	5.38	9.48
		283	6.39	90.03	-7.13	35.40	47.50	-48.20	-14.28	-713.72	-705.47	-22.52	75.48
		397	7.00	75.37	-21.63	32.27	21.47	-48.20	-105.57	-762.55	-720.49	-147.63	160.82
359	21	398	2.44	8.96	-2.05	6.98	-0.07	4.22	45.74	-304.34	-304.33	45.73	-1.73
		284	2.70	29.18	9.43	10.38	28.23	4.22	65.41	-340.86	-306.14	30.68	-113.59
		283	4.84	33.25	24.30	27.30	30.26	4.22	17.60	-634.46	-610.97	-5.89	-121.53
		397	4.87	24.68	1.17	23.90	1.96	4.22	9.30	-609.31	-609.16	9.15	-9.67
359	24	398	2.44	8.96	-2.05	6.98	-0.07	4.22	45.74	-304.34	-304.33	45.73	-1.73
		284	2.70	29.18	9.43	10.38	28.23	4.22	65.41	-340.86	-306.14	30.68	-113.59
		283	4.84	33.25	24.30	27.30	30.26	4.22	17.60	-634.46	-610.97	-5.89	-121.53
		397	4.87	24.68	1.17	23.90	1.96	4.22	9.30	-609.31	-609.16	9.15	-9.67
360	5	399	3.47	-3.12	-40.62	-37.72	-6.02	10.00	318.25	-98.87	-34.91	254.29	150.30
		285	2.27	19.42	-36.74	-34.89	17.58	10.00	42.07	-64.51	-60.82	38.38	19.48
		284	3.33	29.22	6.48	12.45	23.26	10.00	16.18	-437.88	-417.31	-4.40	-94.43
		398	3.85	15.81	-6.53	9.62	-0.34	10.00	213.70	-393.59	-391.40	211.52	36.38
360	19	399	6.86	173.94	8.61	149.14	33.41	-59.04	193.84	-119.02	24.26	50.56	155.88
		285	5.86	174.12	9.21	149.23	34.10	-59.04	1.36	-178.08	-2.69	-174.03	26.64
		284	4.74	76.34	-41.74	16.43	18.17	-59.04	-170.53	-400.64	-354.88	-216.29	-91.85
		398	4.59	75.95	-42.13	16.35	17.48	-59.04	12.40	-332.04	-327.93	8.29	37.39
360	21	399	2.60	-2.57	-32.61	-30.24	-4.94	8.10	232.45	-68.98	-25.59	189.06	105.82
		285	1.73	14.18	-29.68	-28.13	12.63	8.10	31.24	-45.58	-44.64	30.30	8.44
		284	2.52	22.11	4.02	9.04	17.09	8.10	15.86	-327.42	-310.01	-1.55	-75.32
		398	2.86	12.14	-5.68	6.94	-0.48	8.10	158.30	-292.04	-290.95	157.22	22.06
360	24	399	2.60	-2.57	-32.61	-30.24	-4.94	8.10	232.45	-68.98	-25.59	189.06	105.82
		285	1.73	14.18	-29.68	-28.13	12.63	8.10	31.24	-45.58	-44.64	30.30	8.44
		284	2.52	22.11	4.02	9.04	17.09	8.10	15.86	-327.42	-310.01	-1.55	-75.32
		398	2.86	12.14	-5.68	6.94	-0.48	8.10	158.30	-292.04	-290.95	157.22	22.06
361	6	266	12.59	-9.62	-204.51	-204.50	-9.63	1.15	950.05	51.44	904.34	97.16	197.46
		469	12.54	-5.44	-204.01	-204.00	-5.45	1.15	926.11	68.53	903.60	91.04	137.10
		406	8.40	7.02	-100.21	-100.20	7.01	1.15	783.48	48.19	758.09	73.58	134.24
		267	8.49	2.84	-100.72	-100.70	2.83	1.15	810.64	27.89	758.83	79.70	194.61
361	17	266	19.35	-15.60	-325.65	-325.64	-15.60	1.53	1401.49	134.18	1370.25	165.42	196.51
		469	19.43	-8.39	-324.79	-324.78	-8.40	1.53	1380.30	118.30	1366.28	132.33	132.32
		406	13.14	11.96	-155.28	-155.27	11.94	1.53	1223.84	101.45	1211.54	113.76	116.88
		267	13.07	4.75	-156.15	-156.13	4.74	1.53	1245.36	117.01	1215.51	146.85	181.07
361	22	266	9.06	-6.22	-131.07	-131.07	-6.22	0.01	762.34	40.06	726.02	76.38	157.83
		469	9.00	-3.69	-130.77	-130.77	-3.69	0.01	742.36	52.37	725.20	69.53	107.45
		406	6.24	4.04	-66.35	-66.35	4.04	0.01	622.90	35.82	603.76	54.96	104.26
		267	6.34	1.51	-66.65	-66.65	1.51	0.01	645.55	20.84	604.58	61.81	154.64
361	25	266	8.93	-5.76	-121.64	-121.64	-5.76	-0.33	788.50	40.31	750.99	77.81	163.27
		469	8.86	-3.53	-121.38	-121.37	-3.53	-0.33	767.54	53.11	750.12	70.53	110.19

		406	6.23	3.55	-62.42	-62.42	3.55	-0.33	641.62	35.73	622.18	55.18	106.79
		267	6.35	1.31	-62.69	-62.69	1.31	-0.33	665.43	20.08	623.05	62.46	159.87
362	6	469	10.07	-5.48	-204.32	-204.32	-5.49	0.91	527.90	36.96	519.86	44.99	62.28
		470	10.03	-4.61	-204.22	-204.21	-4.61	0.91	522.14	53.04	520.97	54.22	23.44
		407	6.42	6.99	-107.63	-107.62	6.98	0.91	429.33	40.99	427.34	42.98	27.74
		406	6.46	6.11	-107.74	-107.73	6.10	0.91	437.22	22.77	426.23	33.76	66.59
362	17	469	15.81	-8.46	-325.58	-325.55	-8.49	2.93	796.19	62.45	794.88	63.76	31.00
		470	15.78	-6.77	-325.38	-325.35	-6.80	2.93	798.33	85.93	797.63	86.63	-22.39
		407	10.02	12.17	-167.68	-167.64	12.13	2.93	669.16	70.96	668.93	71.19	-11.72
		406	10.05	10.48	-167.89	-167.84	10.43	2.93	668.99	45.52	666.19	48.32	41.67
362	22	469	6.96	-3.55	-129.66	-129.66	-3.55	0.36	422.82	26.71	416.99	32.55	47.73
		470	6.93	-2.97	-129.59	-129.59	-2.97	0.36	418.88	40.35	418.03	41.20	17.91
		407	4.65	4.03	-71.31	-71.31	4.02	0.36	347.68	31.04	346.16	32.57	21.95
		406	4.69	3.44	-71.38	-71.38	3.44	0.36	353.25	15.79	345.12	23.92	51.77
362	25	469	6.74	-3.33	-119.71	-119.71	-3.33	0.22	438.57	26.64	432.76	32.45	48.56
		470	6.71	-2.77	-119.65	-119.65	-2.77	0.22	434.72	40.88	433.87	41.73	18.24
		407	4.60	3.53	-67.14	-67.14	3.53	0.22	362.35	31.41	360.80	32.96	22.57
		406	4.65	2.97	-67.21	-67.20	2.97	0.22	367.82	15.55	359.69	23.68	52.89
363	6	470	10.03	-4.61	-204.22	-204.21	-4.61	-0.91	522.14	53.04	520.97	54.22	-23.44
		471	10.07	-5.48	-204.32	-204.32	-5.49	-0.91	527.90	36.96	519.86	44.99	-62.28
		408	6.46	6.11	-107.74	-107.73	6.10	-0.91	437.22	22.77	426.23	33.76	-66.59
		407	6.42	6.99	-107.63	-107.62	6.98	-0.91	429.33	40.99	427.34	42.98	-27.74
363	19	470	15.78	-6.77	-325.38	-325.35	-6.80	-2.93	798.33	85.93	797.63	86.63	22.39
		471	15.81	-8.46	-325.58	-325.55	-8.49	-2.93	796.19	62.45	794.88	63.76	-31.00
		408	10.05	10.48	-167.89	-167.84	10.43	-2.93	668.99	45.52	666.19	48.32	-41.67
		407	10.02	12.17	-167.68	-167.64	12.13	-2.93	669.16	70.96	668.93	71.19	11.72
363	22	470	6.93	-2.97	-129.59	-129.59	-2.97	-0.36	418.88	40.35	418.03	41.20	-17.91
		471	6.96	-3.55	-129.66	-129.66	-3.55	-0.36	422.82	26.71	416.99	32.55	-47.73
		408	4.69	3.44	-71.38	-71.38	3.44	-0.36	353.25	15.79	345.12	23.92	-51.77
		407	4.65	4.03	-71.31	-71.31	4.02	-0.36	347.68	31.04	346.16	32.57	-21.95
363	25	470	6.71	-2.77	-119.65	-119.65	-2.77	-0.22	434.72	40.88	433.87	41.73	-18.24
		471	6.74	-3.33	-119.71	-119.71	-3.33	-0.22	438.57	26.64	432.76	32.45	-48.56
		408	4.65	2.97	-67.21	-67.20	2.97	-0.22	367.82	15.55	359.69	23.68	-52.89
		407	4.60	3.53	-67.14	-67.14	3.53	-0.22	362.35	31.41	360.80	32.96	-22.57
364	6	471	12.54	-5.44	-204.01	-204.00	-5.45	-1.15	926.11	68.53	903.60	91.04	-137.10
		236	12.59	-9.62	-204.51	-204.50	-9.63	-1.15	950.05	51.44	904.34	97.16	-197.46
		237	8.49	2.84	-100.72	-100.70	2.83	-1.15	810.64	27.89	758.83	79.70	-194.61
		408	8.40	7.02	-100.21	-100.20	7.01	-1.15	783.48	48.19	758.09	73.58	-134.24
364	19	471	19.43	-8.39	-324.79	-324.78	-8.40	-1.53	1380.30	118.30	1366.28	132.33	-132.32
		236	19.35	-15.60	-325.65	-325.64	-15.60	-1.53	1401.49	134.18	1370.25	165.42	-196.51
		237	13.07	4.75	-156.15	-156.13	4.74	-1.53	1245.36	117.01	1215.51	146.85	-181.07
		408	13.14	11.96	-155.28	-155.27	11.94	-1.53	1223.84	101.45	1211.54	113.76	-116.88
364	22	471	9.00	-3.69	-130.77	-130.77	-3.69	-0.01	742.36	52.37	725.20	69.53	-107.45
		236	9.06	-6.22	-131.07	-131.07	-6.22	-0.01	762.34	40.06	726.02	76.38	-157.83
		237	6.34	1.51	-66.65	-66.65	1.51	-0.01	645.55	20.84	604.58	61.81	-154.64
		408	6.24	4.04	-66.35	-66.35	4.04	-0.01	622.90	35.82	603.76	54.96	-104.26
364	25	471	8.86	-3.53	-121.38	-121.37	-3.53	0.33	767.54	53.11	750.12	70.53	-110.19
		236	8.93	-5.76	-121.64	-121.64	-5.76	0.33	788.50	40.31	750.99	77.81	-163.27
		237	6.35	1.31	-62.69	-62.69	1.31	0.33	665.43	20.08	623.05	62.46	-159.87
		408	6.23	3.55	-62.42	-62.42	3.55	0.33	641.62	35.73	622.18	55.18	-106.79
365	5	267	8.84	-2.22	-41.49	-41.48	-2.23	-0.60	1161.35	27.61	1042.63	146.32	347.13
		406	8.17	-3.69	-41.67	-41.66	-3.70	-0.60	1080.17	101.38	1041.84	139.72	189.87
		409	5.71	-2.95	-35.49	-35.48	-2.96	-0.60	718.66	38.35	662.78	94.23	186.79
		273	6.63	-1.47	-35.31	-35.30	-1.48	-0.60	826.65	-62.25	663.57	100.84	344.05
365	13	267	14.60	-1.10	-94.80	-90.40	-5.51	19.82	1875.48	256.89	1869.35	263.02	99.43
		406	14.73	1.10	-94.43	-90.12	-3.21	19.82	1867.82	246.13	1867.38	246.58	-26.75
		409	10.70	15.48	-32.43	-21.92	4.98	19.82	1564.09	209.20	1563.21	210.08	-34.43
		273	10.54	13.64	-33.16	-22.19	2.68	19.82	1571.45	220.26	1565.19	226.52	91.76
365	21	267	6.58	-1.77	-31.16	-31.15	-1.78	-0.60	862.90	20.74	775.61	108.02	256.69
		406	6.09	-2.82	-31.29	-31.28	-2.83	-0.60	803.16	75.47	775.08	103.55	140.16
		409	4.29	-2.37	-27.57	-27.55	-2.38	-0.60	535.16	28.87	494.19	69.84	138.07
		273	4.96	-1.32	-27.44	-27.43	-1.33	-0.60	614.68	-45.65	494.72	74.32	254.60
365	24	267	6.58	-1.77	-31.16	-31.15	-1.78	-0.60	862.90	20.74	775.61	108.02	256.69
		406	6.09	-2.82	-31.29	-31.28	-2.83	-0.60	803.16	75.47	775.08	103.55	140.16
		409	4.29	-2.37	-27.57	-27.55	-2.38	-0.60	535.16	28.87	494.19	69.84	138.07
		273	4.96	-1.32	-27.44	-27.43	-1.33	-0.60	614.68	-45.65	494.72	74.32	254.60
366	6	406	6.23	-1.92	-108.79	-108.70	-2.00	2.98	449.59	80.84	433.78	96.65	74.69
		407	6.25	0.32	-108.51	-108.43	0.24	2.98	434.10	79.01	431.92	81.20	27.74
		410	2.70	11.36	-18.59	-18.29	11.06	2.98	320.43	65.95	318.76	67.62	20.53
		409	2.70	9.14	-18.88	-18.56	8.82	2.98	338.44	65.24	320.61	83.07	67.48
366	17	406	9.67	-2.79	-169.89	-169.48	-3.21	8.33	680.87	147.11	678.35	149.63	36.62
		407	9.78	1.81	-169.33	-168.92	1.40	8.33	676.50	128.69	675.90	129.29	-18.01
		410	4.25	21.30	-19.64	-17.87	19.53	8.33	545.96	111.73	544.21	113.48	-27.51
		409	4.08	16.88	-20.39	-18.42	14.92	8.33	548.43	132.05	546.65	133.83	27.13
366	22	406	4.53	-1.83	-72.06	-72.02	-1.87	1.67	362.69	58.59	350.71	70.57	59.15
		407	4.54	-0.31	-71.87	-71.84	-0.35	1.67	351.03	57.79	349.38	59.45	21.95
		410	2.26	6.29	-17.61	-17.50	6.17	1.67	261.03	47.36	259.71	48.69	16.76

		409	2.28	4.77	-17.80	-17.68	4.65	1.67	274.60	46.25	261.04	59.81	53.96
366	25	406	4.49	-1.98	-67.83	-67.80	-2.02	1.44	377.37	58.24	365.29	70.32	60.91
		407	4.49	-0.54	-67.66	-67.63	-0.57	1.44	365.63	57.67	363.97	59.34	22.57
		410	2.37	5.39	-18.81	-18.72	5.30	1.44	272.91	46.89	271.56	48.25	17.45
		409	2.39	3.94	-18.98	-18.89	3.85	1.44	286.56	45.54	272.87	59.23	55.78
367	6	407	6.25	0.32	-108.51	-108.43	0.24	-2.98	434.10	79.01	431.92	81.20	-27.74
		408	6.23	-1.92	-108.79	-108.70	-2.00	-2.98	449.59	80.84	433.78	96.65	-74.69
		411	2.70	9.14	-18.88	-18.56	8.82	-2.98	338.44	65.24	320.61	83.07	-67.48
		410	2.70	11.36	-18.59	-18.29	11.06	-2.98	320.43	65.95	318.76	67.62	-20.53
367	19	407	9.78	1.81	-169.33	-168.92	1.40	-8.33	676.50	128.69	675.90	129.29	18.01
		408	9.67	-2.79	-169.89	-169.48	-3.21	-8.33	680.87	147.11	678.35	149.63	-36.62
		411	4.08	16.88	-20.39	-18.42	14.92	-8.33	548.43	132.05	546.65	133.83	-27.13
		410	4.25	21.30	-19.64	-17.87	19.53	-8.33	545.96	111.73	544.21	113.48	27.51
367	22	407	4.54	-0.31	-71.87	-71.84	-0.35	-1.67	351.03	57.79	349.38	59.45	-21.95
		408	4.53	-1.83	-72.06	-72.02	-1.87	-1.67	362.69	58.59	350.71	70.57	-59.15
		411	2.28	4.77	-17.80	-17.68	4.65	-1.67	274.60	46.25	261.04	59.81	-53.96
		410	2.26	6.29	-17.61	-17.50	6.17	-1.67	261.03	47.36	259.71	48.69	-16.76
367	25	407	4.49	-0.54	-67.66	-67.63	-0.57	-1.44	365.63	57.67	363.97	59.34	-22.57
		408	4.49	-1.98	-67.83	-67.80	-2.02	-1.44	377.37	58.24	365.29	70.32	-60.91
		411	2.39	3.94	-18.98	-18.89	3.85	-1.44	286.56	45.54	272.87	59.23	-55.78
		410	2.37	5.39	-18.81	-18.72	5.30	-1.44	272.91	46.89	271.56	48.25	-17.45
368	5	408	8.17	-3.69	-41.67	-41.66	-3.70	0.60	1080.17	101.38	1041.84	139.72	-189.87
		237	8.84	-2.22	-41.49	-41.48	-2.23	0.60	1161.35	27.61	1042.63	146.32	-347.13
		243	6.63	-1.47	-35.31	-35.30	-1.48	0.60	826.65	-62.25	663.57	100.84	-344.05
		411	5.71	-2.95	-35.49	-35.48	-2.96	0.60	718.66	38.35	662.78	94.23	-186.79
368	15	408	14.73	1.10	-94.43	-90.12	-3.21	-19.82	1867.82	246.13	1867.38	246.58	26.75
		237	14.60	-1.10	-94.80	-90.40	-5.51	-19.82	1875.48	256.89	1869.35	263.02	-99.43
		243	10.54	13.64	-33.16	-22.19	2.68	-19.82	1571.45	220.26	1565.19	226.52	-91.76
		411	10.70	15.48	-32.43	-21.92	4.98	-19.82	1564.09	209.20	1563.21	210.08	34.43
368	21	408	6.09	-2.82	-31.29	-31.28	-2.83	0.60	803.16	75.47	775.08	103.55	-140.16
		237	6.58	-1.77	-31.16	-31.15	-1.78	0.60	862.90	20.74	775.61	108.02	-256.69
		243	4.96	-1.32	-27.44	-27.43	-1.33	0.60	614.68	-45.65	494.72	74.32	-254.60
		411	4.29	-2.37	-27.57	-27.55	-2.38	0.60	535.16	28.87	494.19	69.84	-138.07
368	24	408	6.09	-2.82	-31.29	-31.28	-2.83	0.60	803.16	75.47	775.08	103.55	-140.16
		237	6.58	-1.77	-31.16	-31.15	-1.78	0.60	862.90	20.74	775.61	108.02	-256.69
		243	4.96	-1.32	-27.44	-27.43	-1.33	0.60	614.68	-45.65	494.72	74.32	-254.60
		411	4.29	-2.37	-27.57	-27.55	-2.38	0.60	535.16	28.87	494.19	69.84	-138.07
369	5	273	6.46	-4.67	-35.77	-35.69	-4.75	1.53	807.26	-73.05	660.34	73.87	328.25
		409	5.75	-2.88	-35.55	-35.48	-2.95	1.53	702.57	-16.83	655.14	30.60	178.53
		412	3.45	-2.28	-30.62	-30.54	-2.36	1.53	361.27	-79.74	294.23	-12.71	158.33
		279	4.50	-4.07	-30.84	-30.75	-4.15	1.53	501.11	-171.12	299.42	30.56	308.06
369	13	273	10.55	9.37	-36.81	-23.04	-4.40	21.12	1563.58	186.75	1560.76	189.58	62.29
		409	10.76	12.78	-35.14	-22.50	0.14	21.12	1558.05	158.96	1557.19	159.83	-34.78
		412	9.62	49.35	-3.17	38.70	7.48	21.12	1325.19	129.77	1323.20	131.75	-48.66
		279	9.75	48.05	-6.95	38.15	2.95	21.12	1328.78	159.49	1326.78	161.50	48.41
369	21	273	4.84	-3.64	-27.76	-27.71	-3.69	1.12	600.45	-53.89	492.32	54.24	243.03
		409	4.32	-2.29	-27.60	-27.55	-2.34	1.12	523.36	-12.06	488.54	22.76	132.04
		412	2.64	-1.97	-24.95	-24.89	-2.02	1.12	270.24	-58.59	220.99	-9.34	117.35
		279	3.39	-3.31	-25.11	-25.06	-3.37	1.12	373.26	-126.36	224.77	22.14	228.34
369	24	273	4.84	-3.64	-27.76	-27.71	-3.69	1.12	600.45	-53.89	492.32	54.24	243.03
		409	4.32	-2.29	-27.60	-27.55	-2.34	1.12	523.36	-12.06	488.54	22.76	132.04
		412	2.64	-1.97	-24.95	-24.89	-2.02	1.12	270.24	-58.59	220.99	-9.34	117.35
		279	3.39	-3.31	-25.11	-25.06	-3.37	1.12	373.26	-126.36	224.77	22.14	228.34
370	5	409	4.51	-3.08	-36.77	-36.75	-3.11	0.87	505.56	-4.31	490.42	10.83	86.54
		410	4.44	-2.41	-36.69	-36.67	-2.43	0.87	491.72	3.43	489.77	5.39	30.80
		413	3.46	-1.88	-32.29	-32.26	-1.90	0.87	357.56	-12.91	355.40	-10.74	28.26
		412	3.55	-2.55	-32.37	-32.34	-2.58	0.87	374.62	-23.86	356.05	-5.29	84.00
370	17	409	4.18	9.68	-19.56	-19.10	9.22	3.63	538.15	59.48	537.77	59.85	13.44
		410	4.10	1.59	-20.70	-20.09	0.98	3.63	539.12	61.67	538.11	62.67	-21.89
		413	7.56	150.62	21.35	150.52	21.45	3.63	454.02	51.40	452.96	52.45	-20.57
		412	7.50	151.61	29.59	151.51	29.70	3.63	453.16	49.10	452.62	49.64	14.76
370	21	409	3.38	-2.45	-28.61	-28.59	-2.47	0.67	373.17	-3.75	361.86	7.56	64.32
		410	3.33	-1.86	-28.53	-28.52	-1.87	0.67	362.84	2.04	361.37	3.50	22.92
		413	2.64	-1.61	-26.50	-26.48	-1.63	0.67	263.21	-10.10	261.59	-8.47	21.03
		412	2.70	-2.20	-26.57	-26.55	-2.22	0.67	275.97	-18.31	262.07	-4.41	62.42
370	24	409	3.38	-2.45	-28.61	-28.59	-2.47	0.67	373.17	-3.75	361.86	7.56	64.32
		410	3.33	-1.86	-28.53	-28.52	-1.87	0.67	362.84	2.04	361.37	3.50	22.92
		413	2.64	-1.61	-26.50	-26.48	-1.63	0.67	263.21	-10.10	261.59	-8.47	21.03
		412	2.70	-2.20	-26.57	-26.55	-2.22	0.67	275.97	-18.31	262.07	-4.41	62.42
371	5	410	4.44	-2.41	-36.69	-36.67	-2.43	-0.87	491.72	3.43	489.77	5.39	-30.80
		411	4.51	-3.08	-36.77	-36.75	-3.11	-0.87	505.56	-4.31	490.42	10.83	-86.54
		414	3.55	-2.55	-32.37	-32.34	-2.58	-0.87	374.62	-23.86	356.05	-5.29	-84.00
		413	3.46	-1.88	-32.29	-32.26	-1.90	-0.87	357.56	-12.91	355.40	-10.74	-28.26
371	19	410	4.10	1.59	-20.70	-20.09	0.98	-3.63	539.12	61.67	538.11	62.67	21.89
		411	4.18	9.68	-19.56	-19.10	9.22	-3.63	538.15	59.48	537.77	59.85	-13.44
		414	7.50	151.61	29.59	151.51	29.70	-3.63	453.16	49.10	452.62	49.64	-14.76
		413	7.56	150.62	21.35	150.52	21.45	-3.63	454.02	51.40	452.96	52.45	20.57

371	21	410	3.33	-1.86	-28.53	-28.52	-1.87	-0.67	362.84	2.04	361.37	3.50	-22.92
		411	3.38	-2.45	-28.61	-28.59	-2.47	-0.67	373.17	-3.75	361.86	7.56	-64.32
		414	2.70	-2.20	-26.57	-26.55	-2.22	-0.67	275.97	-18.31	262.07	-4.41	-62.42
		413	2.64	-1.61	-26.50	-26.48	-1.63	-0.67	263.21	-10.10	261.59	-8.47	-21.03
371	24	410	3.33	-1.86	-28.53	-28.52	-1.87	-0.67	362.84	2.04	361.37	3.50	-22.92
		411	3.38	-2.45	-28.61	-28.59	-2.47	-0.67	373.17	-3.75	361.86	7.56	-64.32
		414	2.70	-2.20	-26.57	-26.55	-2.22	-0.67	275.97	-18.31	262.07	-4.41	-62.42
		413	2.64	-1.61	-26.50	-26.48	-1.63	-0.67	263.21	-10.10	261.59	-8.47	-21.03
372	5	411	5.75	-2.88	-35.55	-35.48	-2.95	-1.53	702.57	-16.83	655.14	30.60	-178.53
		243	6.46	-4.67	-35.77	-35.69	-4.75	-1.53	807.26	-73.05	660.34	73.87	-328.25
		249	4.50	-4.07	-30.84	-30.75	-4.15	-1.53	501.11	-171.12	299.42	30.56	-308.06
		414	3.45	-2.28	-30.62	-30.54	-2.36	-1.53	361.27	-79.74	294.23	-12.71	-158.33
372	15	411	10.76	12.78	-35.14	-22.50	0.14	-21.12	1558.05	158.96	1557.19	159.83	34.78
		243	10.55	9.37	-36.81	-23.04	-4.40	-21.12	1563.58	186.75	1560.76	189.58	-62.29
		249	9.75	48.05	-6.95	38.15	2.95	-21.12	1328.78	159.49	1326.78	161.50	-48.41
		414	9.62	49.35	-3.17	38.70	7.48	-21.12	1325.19	129.77	1323.20	131.75	48.66
372	21	411	4.32	-2.29	-27.60	-27.55	-2.34	-1.12	523.36	-12.06	488.54	22.76	-132.04
		243	4.84	-3.64	-27.76	-27.71	-3.69	-1.12	600.45	-53.89	492.32	54.24	-243.03
		249	3.39	-3.31	-25.11	-25.06	-3.37	-1.12	373.26	-126.36	224.77	22.14	-228.34
		414	2.64	-1.97	-24.95	-24.89	-2.02	-1.12	270.24	-58.59	220.99	-9.34	-117.35
372	24	411	4.32	-2.29	-27.60	-27.55	-2.34	-1.12	523.36	-12.06	488.54	22.76	-132.04
		243	4.84	-3.64	-27.76	-27.71	-3.69	-1.12	600.45	-53.89	492.32	54.24	-243.03
		249	3.39	-3.31	-25.11	-25.06	-3.37	-1.12	373.26	-126.36	224.77	22.14	-228.34
		414	2.64	-1.97	-24.95	-24.89	-2.02	-1.12	270.24	-58.59	220.99	-9.34	-117.35
373	8	279	3.28	71.63	0.87	67.40	5.10	-16.77	211.02	-58.76	161.68	-9.42	104.29
		412	3.35	70.19	-7.28	66.37	-3.46	-16.77	181.22	-10.43	163.67	7.12	55.28
		472	7.78	232.53	15.02	231.23	16.32	-16.77	87.50	-49.03	45.53	-7.06	62.99
		285	7.73	233.61	23.53	232.26	24.88	-16.77	126.90	-106.96	43.54	-23.59	112.01
373	15	279	8.84	68.81	-9.98	55.06	3.77	-29.90	-28.26	-974.13	-860.46	-141.93	307.56
		412	8.38	67.26	-14.96	54.36	-2.07	-29.90	-9.51	-899.22	-850.43	-58.30	202.57
		472	15.41	242.91	16.07	238.90	20.08	-29.90	-34.09	-1158.09	-1103.51	-88.67	241.59
		285	15.60	243.70	21.81	239.60	25.91	-29.90	-58.45	-1227.40	-1113.55	-172.30	346.59
373	22	279	2.35	31.98	-0.74	29.36	1.88	-8.88	244.87	-61.94	182.39	0.54	123.56
		412	2.24	31.21	-4.68	28.86	-2.33	-8.88	206.12	-24.85	182.22	-0.94	70.36
		472	4.44	125.67	8.53	124.99	9.21	-8.88	96.87	-59.21	53.99	-16.32	69.67
		285	4.47	126.20	12.71	125.50	13.41	-8.88	147.28	-107.97	54.16	-14.85	122.87
373	25	279	2.25	25.70	-1.05	23.32	1.33	-7.61	252.51	-63.47	186.99	2.04	128.10
		412	2.09	25.03	-4.28	22.90	-2.15	-7.61	211.80	-27.76	186.46	-2.41	73.68
		472	3.92	108.63	7.50	108.05	8.07	-7.61	99.05	-61.90	55.30	-18.15	71.61
		285	3.98	109.07	10.95	108.47	11.55	-7.61	151.80	-109.66	55.83	-13.70	126.02
374	6	412	4.21	80.94	-1.22	80.78	-1.05	-3.65	231.49	-3.79	225.37	2.33	37.43
		413	4.27	80.67	-3.43	80.51	-3.27	-3.65	225.40	-11.26	223.92	-9.78	18.67
		473	7.42	190.31	9.82	190.24	9.89	-3.65	179.56	-16.08	178.69	-15.21	13.02
		472	7.37	190.58	12.04	190.51	12.11	-3.65	185.50	-8.45	180.14	-3.10	31.78
374	17	412	7.92	147.86	-1.78	147.74	-1.67	-4.17	447.55	6.21	447.43	6.33	7.31
		413	7.98	147.37	-5.82	147.26	-5.70	-4.17	447.61	4.71	447.27	5.04	-12.16
		473	13.31	326.78	15.78	326.72	15.83	-4.17	400.74	-1.00	400.33	-0.59	-12.77
		472	13.26	327.26	19.81	327.21	19.87	-4.17	400.60	0.59	400.49	0.70	6.71
374	22	412	2.63	41.48	-0.92	41.38	-0.83	-2.02	188.72	-5.94	183.55	-0.78	31.28
		413	2.66	41.32	-2.19	41.23	-2.10	-2.02	183.77	-10.27	182.56	-9.06	15.27
		473	4.47	106.69	5.71	106.65	5.75	-2.02	144.79	-14.51	143.97	-13.69	11.41
		472	4.44	106.84	6.98	106.80	7.02	-2.02	149.81	-10.25	144.96	-5.41	27.42
374	25	412	2.45	33.94	-0.92	33.85	-0.83	-1.74	197.62	-7.13	192.21	-1.72	32.85
		413	2.47	33.80	-2.03	33.71	-1.95	-1.74	192.49	-11.13	191.23	-9.88	15.91
		473	4.04	92.27	5.04	92.24	5.07	-1.74	151.30	-15.66	150.42	-14.77	12.11
		472	4.02	92.41	6.15	92.37	6.19	-1.74	156.56	-11.79	151.40	-6.62	29.04
375	6	413	4.27	80.67	-3.43	80.51	-3.27	3.65	225.40	-11.26	223.92	-9.78	-18.67
		414	4.21	80.94	-1.22	80.78	-1.05	3.65	231.49	-3.79	225.37	2.33	-37.43
		474	7.37	190.58	12.04	190.51	12.11	3.65	185.50	-8.45	180.14	-3.10	-31.78
		473	7.42	190.31	9.82	190.24	9.89	3.65	179.56	-16.08	178.69	-15.21	-13.02
375	19	413	7.98	147.37	-5.82	147.26	-5.70	4.17	447.61	4.71	447.27	5.04	12.16
		414	7.92	147.86	-1.78	147.74	-1.67	4.17	447.55	6.21	447.43	6.33	-7.31
		474	13.26	327.26	19.81	327.21	19.87	4.17	400.60	0.59	400.49	0.70	-6.71
		473	13.31	326.78	15.78	326.72	15.83	4.17	400.74	-1.00	400.33	-0.59	12.77
375	22	413	2.66	41.32	-2.19	41.23	-2.10	2.02	183.77	-10.27	182.56	-9.06	-15.27
		414	2.63	41.48	-0.92	41.38	-0.83	2.02	188.72	-5.94	183.55	-0.78	-31.28
		474	4.44	106.84	6.98	106.80	7.02	2.02	149.81	-10.25	144.96	-5.41	-27.42
		473	4.47	106.69	5.71	106.65	5.75	2.02	144.79	-14.51	143.97	-13.69	-11.41
375	25	413	2.47	33.80	-2.03	33.71	-1.95	1.74	192.49	-11.13	191.23	-9.88	-15.91
		414	2.45	33.94	-0.92	33.85	-0.83	1.74	197.62	-7.13	192.21	-1.72	-32.85
		474	4.02	92.41	6.15	92.37	6.19	1.74	156.56	-11.79	151.40	-6.62	-29.04
		473	4.04	92.27	5.04	92.24	5.07	1.74	151.30	-15.66	150.42	-14.77	-12.11
376	8	414	3.35	70.19	-7.28	66.37	-3.46	16.77	181.22	-10.43	163.67	7.12	-55.28
		249	3.28	71.63	0.87	67.40	5.10	16.77	211.02	-58.76	161.68	-9.42	-104.29
		255	7.73	233.61	23.53	232.26	24.88	16.77	126.90	-106.96	43.54	-23.59	-112.01
		474	7.78	232.53	15.02	231.23	16.32	16.77	87.50	-49.03	45.53	-7.06	-62.99
376	13	414	8.38	67.26	-14.96	54.36	-2.07	29.90	-9.51	-899.22	-850.43	-58.30	-202.57

		249	8.84	68.81	-9.98	55.06	3.77	29.90	-28.26	-974.13	-860.46	-141.93	-307.56
		255	15.60	243.70	21.81	239.60	25.91	29.90	-58.45	-1227.40	-1113.55	-172.30	-346.59
		474	15.41	242.91	16.07	238.90	20.08	29.90	-34.09	-1158.09	-1103.51	-88.67	-241.59
376	22	414	2.24	31.21	-4.68	28.86	-2.33	8.88	206.12	-24.85	182.22	-0.94	-70.36
		249	2.35	31.98	-0.74	29.36	1.88	8.88	244.87	-61.94	182.39	0.54	-123.56
		255	4.47	126.20	12.71	125.50	13.41	8.88	147.28	-107.97	54.16	-14.85	-122.87
		474	4.44	125.67	8.53	124.99	9.21	8.88	96.87	-59.21	53.99	-16.32	-69.67
376	25	414	2.09	25.03	-4.28	22.90	-2.15	7.61	211.80	-27.76	186.46	-2.41	-73.68
		249	2.25	25.70	-1.05	23.32	1.33	7.61	252.51	-63.47	186.99	2.04	-128.10
		255	3.98	109.07	10.95	108.47	11.55	7.61	151.80	-109.66	55.83	-13.70	-126.02
		474	3.92	108.63	7.50	108.05	8.07	7.61	99.05	-61.90	55.30	-18.15	-71.61
377	6	236	9.38	-0.19	-151.73	-148.95	-2.96	-20.31	781.22	-50.17	662.86	68.18	-290.50
		475	9.49	-4.81	-152.37	-149.52	-7.66	-20.31	824.32	-84.87	663.77	75.69	-346.69
		415	6.51	6.22	-80.75	-75.72	1.19	-20.31	710.71	-121.32	529.78	59.61	-343.23
		237	6.33	10.70	-79.96	-75.15	5.89	-20.31	663.61	-82.63	528.88	52.10	-287.04
377	17	236	12.29	-0.46	-264.16	-258.64	-5.98	-37.75	757.54	-52.00	599.56	105.98	-320.83
		475	12.32	-7.80	-265.20	-259.54	-13.46	-37.75	782.84	-104.46	596.65	81.73	-361.30
		415	7.64	12.89	-135.95	-125.66	2.60	-37.75	715.24	-144.95	500.15	70.15	-372.50
		237	7.55	19.93	-134.61	-124.76	10.09	-37.75	688.59	-91.13	503.06	94.40	-332.03
377	22	236	5.86	0.70	-89.53	-87.80	-1.02	-12.37	520.15	-69.86	411.64	38.65	-228.58
		475	5.96	-2.75	-90.02	-88.23	-4.54	-12.37	552.94	-91.38	412.85	48.71	-265.78
		415	4.28	3.47	-49.85	-46.81	0.43	-12.37	478.85	-116.64	324.14	38.07	-261.14
		237	4.12	6.82	-49.26	-46.38	3.95	-12.37	443.60	-92.66	322.93	28.01	-223.93
377	25	236	5.52	1.07	-79.51	-77.93	-0.52	-11.18	512.20	-81.86	395.22	35.12	-236.24
		475	5.63	-2.40	-79.99	-78.35	-4.04	-11.18	545.94	-102.24	396.65	47.05	-272.90
		415	4.16	2.98	-45.41	-42.68	0.24	-11.18	473.05	-127.25	309.24	36.56	-267.40
		237	3.99	6.34	-44.83	-42.25	3.76	-11.18	436.93	-104.50	307.81	24.63	-230.74
378	6	475	6.10	0.61	-108.29	-105.32	-2.36	-17.74	482.29	-315.49	152.47	14.33	-392.87
		476	6.23	-3.43	-108.89	-105.82	-6.50	-17.74	501.22	-320.40	153.97	26.85	-405.86
		416	5.78	3.96	-64.70	-59.76	-0.98	-17.74	476.25	-330.13	122.98	23.13	-400.09
		415	5.64	7.86	-63.95	-59.26	3.17	-17.74	457.09	-324.99	121.48	10.61	-387.09
378	17	475	8.11	1.77	-182.94	-177.55	-3.62	-31.09	525.11	-314.17	179.30	31.65	-413.09
		476	8.26	-4.78	-183.93	-178.36	-10.35	-31.09	545.71	-334.29	179.35	32.07	-433.79
		416	7.26	8.07	-108.61	-99.64	-0.91	-31.09	514.77	-358.62	129.99	26.15	-433.60
		415	7.07	14.36	-107.37	-98.83	5.82	-31.09	494.01	-338.34	129.94	25.72	-412.90
378	22	475	4.32	0.56	-63.35	-61.46	-1.33	-10.83	333.88	-257.28	69.13	7.46	-293.97
		476	4.39	-1.90	-63.72	-61.76	-3.86	-10.83	344.50	-259.89	69.99	14.62	-300.92
		416	4.16	2.21	-39.46	-36.43	-0.82	-10.83	331.33	-265.30	53.40	12.63	-297.62
		415	4.08	4.59	-39.00	-36.12	1.71	-10.83	320.63	-262.61	52.55	5.47	-290.66
378	25	475	4.27	0.60	-56.00	-54.25	-1.15	-9.80	332.31	-269.34	56.72	6.25	-299.76
		476	4.34	-1.63	-56.34	-54.52	-3.45	-9.80	342.09	-271.47	57.54	13.07	-305.97
		416	4.15	1.90	-35.70	-32.94	-0.86	-9.80	330.25	-276.22	42.74	11.30	-302.83
		415	4.08	4.06	-35.28	-32.66	1.44	-9.80	320.41	-274.01	41.92	4.48	-296.62
379	6	476	6.22	0.57	-72.65	-69.89	-2.19	-13.94	362.82	-455.71	-90.41	-2.48	-406.90
		477	6.13	-1.99	-73.05	-70.20	-4.84	-13.94	358.62	-446.38	-89.86	2.10	-399.86
		417	5.74	2.47	-48.28	-44.10	-1.70	-13.94	365.13	-434.10	-73.09	4.12	-397.75
		416	5.82	4.93	-47.78	-43.79	0.94	-13.94	369.38	-443.48	-73.63	-0.46	-404.78
379	17	476	7.72	1.89	-120.01	-115.33	-2.79	-23.42	415.83	-472.82	-60.30	3.31	-443.19
		477	7.66	-2.14	-120.65	-115.83	-6.96	-23.42	412.62	-470.21	-60.37	2.78	-440.29
		417	7.01	5.17	-80.12	-73.12	-1.83	-23.42	416.53	-466.38	-53.45	3.61	-440.53
		416	7.06	9.05	-79.33	-72.62	2.34	-23.42	419.74	-468.99	-53.39	4.14	-443.43
379	22	476	4.37	0.48	-41.79	-40.05	-1.26	-8.40	255.35	-349.00	-89.17	-4.48	-299.19
		477	4.30	-1.04	-42.04	-40.24	-2.84	-8.40	250.56	-340.98	-88.82	-1.59	-292.53
		417	4.08	1.31	-29.20	-26.68	-1.21	-8.40	257.18	-329.82	-72.95	0.31	-291.20
		416	4.16	2.78	-28.90	-26.49	0.37	-8.40	262.02	-337.89	-73.30	-2.57	-297.86
379	25	476	4.32	0.51	-36.58	-34.97	-1.10	-7.55	255.12	-358.69	-97.98	-5.59	-303.41
		477	4.24	-0.85	-36.80	-35.14	-2.52	-7.55	249.77	-350.23	-97.65	-2.81	-296.22
		417	4.06	1.09	-26.29	-24.02	-1.18	-7.55	256.99	-338.26	-80.51	-0.75	-294.94
		416	4.14	2.41	-26.02	-23.85	0.23	-7.55	262.40	-346.78	-80.85	-3.53	-302.13
380	6	477	5.70	0.78	-45.64	-43.26	-1.60	-10.24	287.33	-500.15	-201.52	-11.30	-382.08
		478	5.53	-0.83	-45.92	-43.46	-3.29	-10.24	273.23	-483.53	-201.25	-9.05	-365.98
		418	5.23	1.43	-34.23	-31.00	-1.80	-10.24	289.79	-457.08	-162.85	-4.44	-364.94
		417	5.41	3.00	-33.90	-30.80	-0.11	-10.24	304.08	-473.89	-163.12	-6.69	-381.04
380	17	477	6.87	2.30	-74.05	-70.25	-1.49	-16.58	339.27	-535.51	-184.17	-12.08	-428.84
		478	6.73	-0.20	-74.48	-70.57	-4.11	-16.58	325.77	-524.07	-184.39	-13.90	-416.28
		418	6.36	3.27	-56.24	-51.19	-1.78	-16.58	340.93	-505.68	-154.44	-10.31	-417.13
		417	6.51	5.70	-55.74	-50.88	0.83	-16.58	354.47	-517.17	-154.22	-8.48	-429.69
380	22	477	4.00	0.57	-25.69	-24.20	-0.91	-6.07	203.30	-372.23	-158.92	-10.01	-277.97
		478	3.87	-0.35	-25.85	-24.32	-1.89	-6.07	192.16	-359.38	-158.74	-8.48	-265.34
		418	3.70	0.70	-20.52	-18.61	-1.20	-6.07	205.03	-338.51	-128.62	-4.86	-264.63
		417	3.84	1.60	-20.33	-18.49	-0.23	-6.07	216.34	-351.53	-128.80	-6.39	-277.26
380	25	477	3.96	0.57	-22.19	-20.82	-0.80	-5.41	203.28	-379.54	-165.33	-10.93	-280.99
		478	3.83	-0.24	-22.34	-20.92	-1.65	-5.41	191.73	-366.30	-165.15	-9.42	-267.93
		418	3.68	0.55	-18.37	-16.68	-1.14	-5.41	204.99	-344.66	-133.99	-5.68	-267.23
		417	3.82	1.34	-18.21	-16.58	-0.29	-5.41	216.71	-358.08	-134.18	-7.19	-280.30
381	6	478	4.94	1.04	-26.43	-24.38	-1.00	-7.21	228.16	-488.01	-245.49	-14.36	-338.92
		479	4.73	-0.03	-26.64	-24.52	-2.15	-7.21	209.37	-468.16	-245.38	-13.42	-318.29

		419	4.53	0.76	-23.02	-20.58	-1.68	-7.21	229.71	-433.41	-196.18	-7.51	-317.86
		418	4.75	1.81	-22.78	-20.44	-0.53	-7.21	248.91	-453.65	-196.29	-8.45	-338.49
381	17	478	5.94	2.68	-42.23	-39.20	-0.34	-11.26	273.64	-545.01	-249.64	-21.73	-393.14
		479	5.74	1.05	-42.55	-39.41	-2.08	-11.26	253.68	-528.27	-249.98	-24.61	-374.39
		419	5.55	2.07	-37.60	-34.10	-1.44	-11.26	274.80	-499.31	-205.26	-19.24	-375.71
		418	5.75	3.67	-37.27	-33.89	0.29	-11.26	294.94	-516.22	-204.92	-16.37	-394.47
381	22	478	3.47	0.72	-14.44	-13.17	-0.55	-4.20	161.64	-357.52	-184.33	-11.55	-244.78
		479	3.31	0.12	-14.57	-13.25	-1.20	-4.20	147.70	-342.73	-184.24	-10.79	-229.37
		419	3.19	0.33	-13.66	-12.26	-1.08	-4.20	162.71	-316.57	-147.48	-6.38	-229.02
		418	3.35	0.92	-13.53	-12.18	-0.43	-4.20	176.96	-331.67	-147.57	-7.14	-244.43
381	25	478	3.45	0.70	-12.24	-11.07	-0.47	-3.71	161.57	-362.85	-189.00	-12.28	-246.87
		479	3.29	0.19	-12.36	-11.14	-1.03	-3.71	147.38	-347.79	-188.90	-11.50	-231.15
		419	3.17	0.23	-12.17	-10.93	-1.00	-3.71	162.61	-321.03	-151.42	-7.00	-230.79
		418	3.34	0.74	-12.05	-10.86	-0.44	-3.71	177.12	-336.42	-151.51	-7.78	-246.51
382	6	479	4.13	1.22	-13.45	-11.62	-0.60	-4.84	176.60	-445.55	-254.44	-14.50	-287.01
		480	3.90	0.50	-13.64	-11.72	-1.42	-4.84	156.03	-425.10	-254.45	-14.61	-264.66
		420	3.75	0.29	-14.42	-12.60	-1.53	-4.84	177.05	-386.43	-201.16	-8.22	-264.71
		419	3.98	1.03	-14.24	-12.51	-0.71	-4.84	198.22	-407.48	-201.15	-8.11	-287.06
382	17	479	5.01	2.84	-21.18	-18.75	0.40	-7.25	212.28	-521.31	-280.73	-28.30	-344.40
		480	4.78	1.72	-21.45	-18.90	-0.83	-7.25	188.41	-502.08	-281.23	-32.44	-322.06
		420	4.67	1.24	-23.54	-21.20	-1.11	-7.25	212.33	-466.33	-227.95	-26.05	-323.97
		419	4.91	2.37	-23.29	-21.05	0.12	-7.25	236.56	-485.92	-227.45	-21.91	-346.31
382	22	479	2.90	0.84	-7.01	-5.86	-0.31	-2.78	125.19	-323.29	-186.99	-11.12	-206.28
		480	2.74	0.44	-7.13	-5.91	-0.78	-2.78	110.26	-308.36	-186.99	-11.12	-189.94
		420	2.64	0.07	-8.46	-7.43	-0.96	-2.78	125.47	-279.94	-148.03	-6.44	-189.94
		419	2.81	0.49	-8.35	-7.37	-0.49	-2.78	140.85	-295.33	-148.03	-6.44	-206.28
382	24	479	2.98	4.74	0.17	4.71	0.20	0.36	124.45	-357.50	-217.00	-16.04	-219.03
		480	2.81	4.75	0.23	4.72	0.26	0.36	108.13	-340.97	-216.98	-15.86	-200.77
		420	2.60	0.41	-0.47	0.22	-0.28	0.36	124.53	-308.60	-173.45	-10.63	-200.68
		419	2.79	0.39	-0.52	0.21	-0.34	0.36	141.41	-325.70	-173.47	-10.82	-218.94
383	5	480	3.47	4.68	0.09	4.62	0.15	0.52	129.67	-426.17	-277.25	-19.24	-246.17
		481	3.23	4.68	0.13	4.62	0.19	0.52	106.97	-404.91	-277.41	-20.52	-221.38
		421	2.97	0.88	-0.51	0.66	-0.29	0.52	128.60	-360.33	-218.30	-13.43	-221.97
		420	3.22	0.87	-0.55	0.65	-0.32	0.52	152.25	-382.54	-218.14	-12.15	-246.76
383	17	480	4.10	2.54	-8.20	-6.34	0.68	-4.07	154.47	-475.17	-287.50	-33.20	-288.00
		481	3.85	1.92	-8.41	-6.42	-0.07	-4.07	127.85	-455.41	-288.23	-39.32	-263.74
		421	3.78	0.60	-13.21	-11.88	-0.72	-4.07	152.97	-415.75	-230.39	-32.38	-266.57
		420	4.04	1.29	-13.06	-11.80	0.02	-4.07	180.14	-436.05	-229.66	-26.26	-290.83
383	21	480	2.47	3.61	0.07	3.56	0.12	0.43	92.11	-302.60	-197.03	-13.46	-174.71
		481	2.30	3.62	0.11	3.56	0.16	0.43	75.99	-287.46	-197.13	-14.35	-157.07
		421	2.11	0.74	-0.40	0.54	-0.20	0.43	91.35	-255.71	-155.07	-9.30	-157.48
		420	2.29	0.73	-0.43	0.54	-0.24	0.43	108.14	-271.52	-154.96	-8.41	-175.12
383	24	480	2.47	3.61	0.07	3.56	0.12	0.43	92.11	-302.60	-197.03	-13.46	-174.71
		481	2.30	3.62	0.11	3.56	0.16	0.43	75.99	-287.46	-197.13	-14.35	-157.07
		421	2.11	0.74	-0.40	0.54	-0.20	0.43	91.35	-255.71	-155.07	-9.30	-157.48
		420	2.29	0.73	-0.43	0.54	-0.24	0.43	108.14	-271.52	-154.96	-8.41	-175.12
384	5	481	2.73	3.16	-0.14	3.02	-4.54e-03	0.66	89.84	-343.30	-237.70	-15.76	-185.98
		482	2.51	3.18	0.01	3.04	0.16	0.66	67.81	-324.59	-238.06	-18.72	-162.69
		422	2.28	1.18	-0.45	0.84	-0.10	0.66	87.59	-282.15	-182.51	-12.05	-164.05
		421	2.52	1.13	-0.58	0.82	-0.27	0.66	110.74	-301.99	-182.16	-9.09	-187.34
384	17	481	3.20	1.74	-1.36	-0.29	0.67	-1.47	101.58	-408.45	-269.76	-37.11	-226.94
		482	2.95	1.67	-1.40	-0.30	0.58	-1.47	72.57	-389.51	-270.84	-46.09	-201.87
		422	2.88	0.29	-6.09	-5.73	-0.07	-1.47	98.29	-348.27	-211.06	-38.92	-206.02
		421	3.14	0.37	-6.08	-5.72	0.02	-1.47	128.05	-367.97	-209.98	-29.93	-231.09
384	21	481	1.94	2.40	-0.10	2.29	7.97e-03	0.52	63.87	-243.54	-168.73	-10.94	-131.91
		482	1.79	2.42	0.02	2.30	0.13	0.52	48.26	-230.25	-168.98	-13.02	-115.37
		422	1.62	0.91	-0.34	0.64	-0.07	0.52	62.27	-200.10	-129.55	-8.28	-116.33
		421	1.79	0.88	-0.44	0.63	-0.19	0.52	78.68	-214.18	-129.30	-6.21	-132.87
384	24	481	1.94	2.40	-0.10	2.29	7.97e-03	0.52	63.87	-243.54	-168.73	-10.94	-131.91
		482	1.79	2.42	0.02	2.30	0.13	0.52	48.26	-230.25	-168.98	-13.02	-115.37
		422	1.62	0.91	-0.34	0.64	-0.07	0.52	62.27	-200.10	-129.55	-8.28	-116.33
		421	1.79	0.88	-0.44	0.63	-0.19	0.52	78.68	-214.18	-129.30	-6.21	-132.87
385	5	482	1.94	1.62	-0.31	1.35	-0.04	0.67	61.09	-245.98	-173.87	-11.01	-130.16
		483	1.73	1.72	2.60e-03	1.39	0.33	0.67	31.03	-233.61	-175.76	-26.81	-109.37
		423	1.60	1.14	-0.26	0.64	0.24	0.67	54.48	-201.53	-126.19	-20.86	-116.67
		422	1.83	1.00	-0.53	0.60	-0.13	0.67	85.15	-214.51	-124.30	-5.06	-137.46
385	17	482	2.33	1.22	0.55	1.03	0.74	0.30	61.48	-309.73	-209.51	-38.73	-164.79
		483	2.08	1.59	0.92	1.11	1.40	0.30	20.19	-296.53	-212.52	-63.82	-139.82
		423	1.98	1.03	-2.26	-2.23	1.00	0.30	54.05	-263.70	-152.98	-56.67	-151.40
		422	2.25	0.37	-2.34	-2.31	0.34	0.30	95.26	-276.82	-149.97	-31.59	-176.37
385	21	482	1.38	1.22	-0.23	1.01	-0.02	0.51	43.50	-174.43	-123.38	-7.54	-92.30
		483	1.23	1.29	1.41e-03	1.05	0.25	0.51	22.20	-165.67	-124.73	-18.75	-77.56
		423	1.14	0.86	-0.20	0.48	0.18	0.51	38.79	-142.91	-89.59	-14.53	-82.74
		422	1.30	0.75	-0.39	0.45	-0.09	0.51	60.53	-152.10	-88.24	-3.33	-97.47
385	24	482	1.38	1.22	-0.23	1.01	-0.02	0.51	43.50	-174.43	-123.38	-7.54	-92.30
		483	1.23	1.29	1.41e-03	1.05	0.25	0.51	22.20	-165.67	-124.73	-18.75	-77.56
		423	1.14	0.86	-0.20	0.48	0.18	0.51	38.79	-142.91	-89.59	-14.53	-82.74

		422	1.30	0.75	-0.39	0.45	-0.09	0.51	60.53	-152.10	-88.24	-3.33	-97.47
386	5	483	0.91	0.53	-0.04	0.29	0.19	0.28	34.14	-113.55	-65.80	-13.62	-69.08
		484	0.81	0.60	0.04	0.31	0.34	0.28	11.00	-113.41	-68.26	-34.15	-59.82
		485	0.86	0.54	-0.03	0.19	0.32	0.28	30.85	-108.52	-46.18	-31.50	-69.30
		423	0.96	0.45	-0.11	0.17	0.18	0.28	52.91	-107.59	-43.71	-10.97	-78.56
386	17	483	1.18	1.60	0.11	0.40	1.31	0.58	25.61	-156.43	-82.60	-48.22	-89.38
		484	1.09	2.54	0.35	0.52	2.37	0.58	-6.04	-157.84	-86.14	-77.74	-75.78
		485	1.17	2.34	-0.75	-0.64	2.23	0.58	26.19	-153.75	-53.72	-73.85	-89.41
		423	1.26	1.34	-0.92	-0.76	1.17	0.58	55.79	-150.30	-50.17	-44.33	-103.01
386	21	483	0.65	0.39	-0.03	0.22	0.15	0.21	24.39	-80.46	-46.68	-9.38	-48.99
		484	0.58	0.45	0.03	0.23	0.25	0.21	7.98	-80.37	-48.43	-23.95	-42.45
		485	0.61	0.40	-0.03	0.14	0.24	0.21	22.01	-76.91	-32.82	-22.08	-49.17
		423	0.68	0.34	-0.08	0.13	0.14	0.21	37.66	-76.24	-31.07	-7.51	-55.72
386	24	483	0.65	0.39	-0.03	0.22	0.15	0.21	24.39	-80.46	-46.68	-9.38	-48.99
		484	0.58	0.45	0.03	0.23	0.25	0.21	7.98	-80.37	-48.43	-23.95	-42.45
		485	0.61	0.40	-0.03	0.14	0.24	0.21	22.01	-76.91	-32.82	-22.08	-49.17
		423	0.68	0.34	-0.08	0.13	0.14	0.21	37.66	-76.24	-31.07	-7.51	-55.72
387	6	237	6.25	17.87	-91.64	-75.64	1.87	-38.68	730.19	-67.68	537.61	124.89	-341.42
		415	7.21	8.23	-94.54	-76.98	-9.32	-38.68	802.84	-147.21	536.88	118.75	-426.54
		424	7.36	31.33	-46.97	-13.89	-1.75	-38.68	659.91	-231.62	333.90	94.39	-429.38
		243	6.40	38.66	-41.76	-12.54	9.44	-38.68	581.20	-146.02	334.64	100.54	-344.25
387	17	237	8.75	33.69	-154.27	-125.40	4.81	-67.78	778.56	-94.97	512.29	171.31	-402.12
		415	9.45	16.60	-159.61	-127.80	-15.21	-67.78	832.67	-183.09	508.64	140.94	-473.43
		424	9.65	57.72	-78.88	-19.01	-2.15	-67.78	729.06	-269.93	338.59	120.54	-487.45
		243	8.88	70.56	-69.31	-16.61	17.87	-67.78	673.56	-180.42	342.23	150.90	-416.13
387	22	237	4.53	11.45	-56.89	-46.71	1.27	-24.34	498.54	-91.69	328.92	77.92	-267.10
		415	5.17	5.38	-58.74	-47.55	-5.81	-24.34	548.41	-147.34	328.30	72.77	-323.56
		424	5.23	18.34	-31.36	-11.54	-1.49	-24.34	458.21	-207.92	193.67	56.62	-325.94
		243	4.59	23.11	-28.21	-10.69	5.59	-24.34	405.53	-149.48	194.29	61.77	-269.48
387	25	237	4.51	10.66	-52.00	-42.56	1.22	-22.41	493.85	-106.70	313.67	73.48	-275.22
		415	5.14	5.06	-53.72	-43.34	-5.32	-22.41	543.49	-162.05	313.06	68.38	-330.88
		424	5.19	16.28	-29.72	-11.90	-1.55	-22.41	455.70	-222.92	180.33	52.45	-333.23
		243	4.56	20.75	-26.87	-11.11	5.00	-22.41	403.59	-165.10	180.94	57.55	-277.57
388	6	415	7.62	10.86	-78.73	-60.52	-7.35	-36.05	570.49	-372.16	128.58	69.75	-470.40
		416	7.76	7.67	-79.92	-60.99	-11.26	-36.05	581.70	-387.96	128.09	65.65	-483.83
		425	7.69	27.22	-45.23	-12.57	-5.45	-36.05	564.97	-407.08	96.08	61.81	-485.72
		424	7.54	29.62	-43.25	-12.10	-1.54	-36.05	553.79	-391.30	96.57	65.91	-472.30
388	17	415	9.84	19.56	-132.52	-100.97	-11.99	-61.67	631.74	-396.78	138.44	96.52	-513.83
		416	9.96	15.44	-134.07	-101.58	-17.06	-61.67	629.33	-430.27	134.59	64.47	-528.64
		425	9.84	49.59	-74.21	-17.64	-6.98	-61.67	623.54	-464.02	99.29	60.23	-543.43
		424	9.68	52.65	-71.60	-17.03	-1.92	-61.67	626.36	-430.95	103.14	92.28	-528.63
388	22	415	5.44	6.83	-48.23	-36.87	-4.53	-22.28	401.63	-304.74	56.71	40.18	-353.09
		416	5.50	4.81	-49.00	-37.17	-7.02	-22.28	406.65	-312.14	56.46	38.05	-359.28
		425	5.45	15.55	-29.47	-10.14	-3.78	-22.28	399.26	-321.28	41.69	36.28	-360.26
		424	5.38	17.13	-28.25	-9.84	-1.28	-22.28	394.25	-313.90	41.95	38.41	-354.07
388	25	415	5.40	6.29	-43.74	-33.33	-4.12	-20.31	401.15	-319.11	45.74	36.30	-360.10
		416	5.45	4.42	-44.46	-33.61	-6.43	-20.31	405.43	-325.50	45.51	34.42	-365.42
		425	5.41	13.59	-27.58	-10.35	-3.64	-20.31	399.15	-333.44	32.82	32.89	-366.29
		424	5.35	15.08	-26.47	-10.07	-1.33	-20.31	394.88	-327.06	33.04	34.78	-360.97
389	6	416	7.59	7.22	-61.58	-45.02	-9.34	-29.41	478.40	-504.88	-68.53	42.06	-488.52
		417	7.46	6.76	-61.78	-45.09	-9.92	-29.41	468.60	-491.85	-68.19	44.94	-476.88
		426	7.23	20.01	-39.24	-13.15	-6.09	-29.41	481.53	-473.70	-40.43	48.27	-475.55
		425	7.36	20.36	-38.95	-13.08	-5.51	-29.41	491.40	-486.79	-40.78	45.39	-487.19
389	17	416	9.43	13.17	-101.54	-74.55	-13.81	-48.65	537.24	-543.57	-48.79	42.46	-538.47
		417	9.37	13.34	-101.47	-74.53	-13.60	-48.65	521.04	-548.86	-51.09	23.28	-533.66
		426	9.12	35.46	-62.72	-20.18	-7.08	-48.65	535.99	-550.94	-39.61	24.65	-542.51
		425	9.18	35.33	-62.83	-20.21	-7.29	-48.65	552.10	-545.56	-37.31	43.84	-547.33
389	22	416	5.36	4.38	-37.44	-27.24	-5.83	-17.96	338.82	-386.22	-70.25	22.85	-359.52
		417	5.24	4.15	-37.54	-27.27	-6.12	-17.96	329.95	-373.82	-69.87	26.00	-348.60
		426	5.09	11.25	-25.15	-9.87	-4.03	-17.96	341.70	-356.41	-43.84	29.12	-347.15
		425	5.21	11.43	-25.01	-9.83	-3.74	-17.96	350.66	-368.90	-44.21	25.97	-358.07
389	25	416	5.32	3.95	-33.81	-24.52	-5.34	-16.26	338.74	-397.22	-78.07	19.59	-364.72
		417	5.19	3.77	-33.89	-24.54	-5.57	-16.26	329.16	-383.84	-77.66	22.98	-352.93
		426	5.04	9.74	-23.34	-9.80	-3.80	-16.26	341.81	-364.99	-49.54	26.36	-351.36
		425	5.18	9.88	-23.23	-9.77	-3.57	-16.26	351.49	-378.47	-49.94	22.96	-363.16
390	6	417	6.94	5.43	-45.54	-31.78	-8.32	-22.62	408.08	-532.17	-158.23	34.13	-460.18
		418	6.67	5.87	-45.33	-31.71	-7.75	-22.62	387.64	-504.84	-157.49	40.29	-435.15
		427	6.40	13.84	-31.98	-12.68	-5.46	-22.62	413.19	-463.55	-97.80	47.45	-432.31
		426	6.68	13.47	-32.27	-12.75	-6.04	-22.62	434.03	-491.28	-98.54	41.30	-457.34
390	17	417	8.54	10.01	-73.23	-52.29	-10.93	-36.12	458.79	-599.47	-151.86	11.18	-522.81
		418	8.31	11.45	-72.61	-52.07	-9.09	-36.12	430.06	-586.98	-153.60	-3.31	-502.94
		427	8.08	23.93	-49.93	-20.68	-5.33	-36.12	460.59	-564.43	-106.22	2.37	-509.63
		426	8.31	22.74	-50.80	-20.90	-7.16	-36.12	489.16	-576.77	-104.48	16.87	-529.50
390	22	417	4.87	3.20	-27.42	-19.08	-5.14	-13.63	289.22	-395.64	-125.72	19.30	-334.66
		418	4.66	3.55	-27.26	-19.03	-4.68	-13.63	273.81	-374.04	-125.05	24.83	-315.13
		427	4.48	7.61	-20.23	-9.12	-3.49	-13.63	293.25	-341.33	-78.49	30.41	-312.58
		426	4.70	7.32	-20.45	-9.18	-3.95	-13.63	309.03	-363.29	-79.15	24.88	-332.11

390	25	417	4.83	2.85	-24.63	-17.10	-4.68	-12.26	288.87	-403.66	-131.33	16.54	-338.28
		418	4.61	3.20	-24.46	-17.05	-4.22	-12.26	273.06	-381.30	-130.63	22.38	-318.11
		427	4.44	6.50	-18.65	-8.91	-3.24	-12.26	293.04	-347.42	-82.53	28.15	-315.42
		426	4.66	6.20	-18.87	-8.97	-3.70	-12.26	309.25	-370.17	-83.23	22.31	-335.59
391	6	418	6.03	4.50	-32.14	-21.15	-6.48	-16.79	346.87	-501.52	-190.93	36.27	-408.70
		419	5.70	4.92	-31.92	-21.09	-5.91	-16.79	321.90	-468.78	-190.09	43.21	-377.74
		428	5.44	9.27	-24.87	-10.90	-4.69	-16.79	351.78	-415.97	-116.26	52.07	-374.53
		427	5.78	8.91	-25.14	-10.97	-5.26	-16.79	377.55	-449.51	-117.09	45.13	-405.50
391	17	418	7.43	8.50	-50.28	-34.77	-7.02	-25.91	383.32	-596.77	-204.08	-9.37	-480.28
		419	7.12	9.60	-49.79	-34.59	-5.59	-25.91	346.74	-575.82	-205.75	-23.33	-452.17
		428	6.94	15.87	-38.04	-18.51	-3.66	-25.91	385.74	-539.77	-138.74	-15.29	-458.62
		427	7.26	14.91	-38.67	-18.68	-5.09	-25.91	422.24	-560.63	-137.06	-1.33	-486.72
391	22	418	4.22	2.65	-19.16	-12.60	-3.91	-10.01	245.74	-367.20	-144.01	22.55	-294.94
		419	3.98	2.95	-19.01	-12.55	-3.51	-10.01	227.66	-342.58	-143.31	28.39	-271.89
		428	3.80	5.00	-15.57	-7.65	-2.92	-10.01	249.48	-302.84	-88.35	34.99	-269.19
		427	4.05	4.73	-15.75	-7.70	-3.32	-10.01	268.20	-328.11	-89.05	29.15	-292.24
391	25	418	4.18	2.36	-17.11	-11.23	-3.52	-8.94	245.15	-373.02	-148.15	20.28	-297.39
		419	3.93	2.65	-16.96	-11.19	-3.12	-8.94	226.88	-347.84	-147.41	26.44	-273.89
		428	3.76	4.22	-14.28	-7.39	-2.67	-8.94	249.00	-307.22	-91.39	33.17	-271.05
		427	4.02	3.95	-14.45	-7.44	-3.06	-8.94	267.94	-333.07	-92.13	27.00	-294.54
392	6	419	5.03	3.63	-21.59	-13.01	-4.94	-11.94	290.50	-442.95	-195.06	42.61	-346.94
		420	4.69	3.79	-21.49	-12.99	-4.72	-11.94	263.25	-410.41	-194.50	47.34	-314.37
		429	4.46	5.89	-18.35	-8.30	-4.16	-11.94	293.93	-354.12	-116.84	56.66	-312.19
		428	4.82	5.75	-18.46	-8.33	-4.38	-11.94	322.26	-387.74	-117.41	51.93	-344.76
392	17	419	6.27	7.03	-32.61	-21.55	-4.02	-17.78	307.70	-561.63	-227.94	-25.99	-422.77
		420	5.91	7.51	-32.38	-21.47	-3.39	-17.78	265.52	-537.13	-229.84	-41.77	-390.16
		429	5.78	10.20	-27.33	-14.57	-2.56	-17.78	309.67	-494.17	-152.06	-32.44	-397.44
		428	6.15	9.76	-27.60	-14.64	-3.20	-17.78	351.80	-518.62	-150.16	-16.66	-430.06
392	22	419	3.52	2.15	-12.74	-7.66	-2.92	-7.06	205.84	-321.37	-143.86	28.33	-249.15
		420	3.27	2.25	-12.68	-7.65	-2.78	-7.06	186.44	-297.38	-143.36	32.42	-225.38
		429	3.11	3.10	-11.37	-5.73	-2.55	-7.06	208.46	-255.91	-86.68	39.23	-223.49
		428	3.37	3.01	-11.44	-5.74	-2.69	-7.06	228.69	-280.73	-87.17	35.13	-247.26
392	25	419	3.49	1.93	-11.31	-6.78	-2.60	-6.28	205.18	-325.51	-146.84	26.51	-250.79
		420	3.24	2.01	-11.26	-6.77	-2.47	-6.28	185.74	-301.08	-146.31	30.97	-226.70
		429	3.08	2.57	-10.38	-5.48	-2.32	-6.28	207.91	-258.91	-88.86	37.86	-224.65
		428	3.35	2.49	-10.43	-5.50	-2.44	-6.28	228.21	-284.20	-89.39	33.41	-248.74
393	6	420	4.03	2.40	-13.54	-7.12	-4.01	-7.82	237.75	-373.12	-183.97	48.60	-282.43
		421	3.69	2.39	-13.55	-7.12	-4.03	-7.82	208.08	-343.40	-183.96	48.64	-250.01
		430	3.50	3.25	-12.47	-5.40	-3.82	-7.82	238.82	-287.57	-106.66	57.91	-250.00
		429	3.86	3.26	-12.46	-5.40	-3.81	-7.82	269.76	-318.55	-106.67	57.88	-282.42
393	17	420	5.09	4.92	-19.26	-12.07	-2.26	-11.05	232.62	-506.14	-231.55	-41.98	-357.01
		421	4.70	5.09	-19.17	-12.04	-2.04	-11.05	185.35	-480.95	-233.91	-61.69	-321.83
		430	4.61	5.94	-17.60	-9.88	-1.78	-11.05	233.74	-435.39	-150.02	-51.62	-330.93
		429	5.01	5.78	-17.69	-9.90	-2.00	-11.05	280.87	-460.44	-147.66	-31.91	-366.11
393	22	420	2.82	1.41	-7.89	-4.11	-2.36	-4.57	168.69	-268.91	-133.79	33.57	-202.16
		421	2.58	1.38	-7.91	-4.12	-2.41	-4.57	147.75	-247.21	-133.71	34.26	-178.73
		430	2.44	1.60	-7.63	-3.67	-2.35	-4.57	169.61	-206.48	-77.84	40.96	-178.41
		429	2.70	1.63	-7.60	-3.66	-2.30	-4.57	191.50	-229.14	-77.92	40.28	-201.85
393	25	420	2.81	1.26	-6.95	-3.59	-2.09	-4.03	168.14	-271.65	-135.75	32.23	-203.23
		421	2.56	1.22	-6.98	-3.60	-2.16	-4.03	147.28	-249.59	-135.62	33.31	-179.56
		430	2.42	1.27	-6.90	-3.48	-2.15	-4.03	169.18	-208.29	-79.19	40.08	-179.06
		429	2.68	1.32	-6.87	-3.47	-2.08	-4.03	191.03	-231.34	-79.32	39.01	-202.73
394	6	421	3.05	0.71	-7.56	-3.28	-3.57	-4.13	188.10	-297.46	-160.78	51.42	-218.37
		422	2.73	0.93	-7.34	-3.23	-3.17	-4.13	157.12	-272.00	-161.37	46.49	-187.71
		431	2.57	1.33	-6.95	-2.53	-3.08	-4.13	186.58	-219.60	-88.27	55.26	-189.99
		430	2.91	1.13	-7.19	-2.58	-3.49	-4.13	218.96	-246.45	-87.68	60.19	-220.64
394	17	421	3.89	2.17	-9.34	-5.88	-1.30	-5.28	160.18	-432.93	-213.50	-59.24	-286.35
		422	3.51	2.88	-8.99	-5.76	-0.34	-5.28	109.20	-409.37	-216.44	-83.73	-250.65
		431	3.45	3.08	-8.57	-5.22	-0.28	-5.28	161.13	-365.95	-131.31	-73.51	-261.95
		430	3.85	2.38	-8.94	-5.33	-1.23	-5.28	211.59	-388.98	-128.37	-49.03	-297.65
394	22	421	2.15	0.35	-4.31	-1.83	-2.13	-2.33	133.83	-213.12	-115.71	36.42	-155.91
		422	1.92	0.48	-4.18	-1.80	-1.90	-2.33	112.06	-194.61	-116.06	33.51	-133.86
		431	1.80	0.55	-4.11	-1.68	-1.88	-2.33	132.90	-156.57	-63.49	39.82	-135.20
		430	2.04	0.42	-4.25	-1.71	-2.12	-2.33	155.71	-176.13	-63.14	42.73	-157.25
394	25	421	2.14	0.28	-3.75	-1.56	-1.92	-2.01	133.50	-214.68	-116.75	35.58	-156.54
		422	1.91	0.39	-3.63	-1.53	-1.70	-2.01	111.86	-195.88	-117.06	33.04	-134.32
		431	1.79	0.37	-3.64	-1.56	-1.71	-2.01	132.70	-157.38	-64.08	39.40	-135.49
		430	2.03	0.26	-3.77	-1.59	-1.92	-2.01	155.41	-177.25	-63.78	41.93	-157.71
395	5	422	2.24	1.36	-1.09	0.58	-0.31	1.14	151.25	-222.95	-118.12	46.42	-168.05
		423	1.98	1.83	-0.46	0.70	0.67	1.14	120.47	-207.22	-119.73	32.99	-144.96
		432	1.91	1.55	-0.78	0.16	0.61	1.14	147.35	-172.45	-64.69	39.59	-151.16
		431	2.19	1.00	-1.33	0.04	-0.38	1.14	178.63	-188.69	-63.08	53.02	-174.25
395	17	422	2.78	0.39	-2.66	-2.34	0.07	-0.93	108.63	-340.37	-155.35	-76.40	-221.00
		423	2.49	3.07	-2.17	-2.00	2.90	-0.93	55.24	-333.28	-160.30	-117.73	-193.09
		432	2.59	3.08	-2.10	-1.92	2.91	-0.93	110.57	-314.07	-93.76	-109.74	-212.17
		431	2.89	0.40	-2.59	-2.26	0.08	-0.93	161.69	-318.90	-88.80	-68.41	-240.08
395	21	422	1.60	1.04	-0.79	0.44	-0.19	0.86	108.21	-157.71	-83.74	34.24	-119.16

		423	1.41	1.38	-0.34	0.52	0.51	0.86	86.41	-146.57	-84.88	24.72	-102.80
		432	1.36	1.16	-0.61	0.08	0.46	0.86	105.37	-121.84	-45.87	29.40	-107.19
		431	1.56	0.75	-0.99	-3.14e-04	-0.24	0.86	127.53	-133.34	-44.73	38.92	-123.55
395	24	422	1.60	1.04	-0.79	0.44	-0.19	0.86	108.21	-157.71	-83.74	34.24	-119.16
		423	1.41	1.38	-0.34	0.52	0.51	0.86	86.41	-146.57	-84.88	24.72	-102.80
		432	1.36	1.16	-0.61	0.08	0.46	0.86	105.37	-121.84	-45.87	29.40	-107.19
		431	1.56	0.75	-0.99	-3.14e-04	-0.24	0.86	127.53	-133.34	-44.73	38.92	-123.55
396	5	423	1.35	1.18	-0.34	0.22	0.62	0.73	116.94	-111.30	-37.25	42.89	-106.85
		485	1.28	1.96	8.46e-03	0.34	1.63	0.73	99.33	-116.19	-39.66	22.81	-103.13
		486	1.37	1.90	-0.18	0.13	1.60	0.73	112.22	-119.13	-30.79	23.87	-112.40
		432	1.44	1.09	-0.49	4.77e-03	0.59	0.73	129.41	-113.84	-28.38	43.95	-116.12
396	17	423	1.84	3.18	-0.64	-0.53	3.07	0.63	65.22	-228.11	-57.50	-105.39	-144.70
		485	1.89	7.26	-0.09	-0.04	7.21	0.63	38.27	-240.84	-61.75	-140.82	-133.84
		486	2.06	7.22	-0.44	-0.39	7.17	0.63	71.80	-245.39	-35.87	-137.71	-150.20
		432	2.02	3.13	-0.98	-0.89	3.03	0.63	97.93	-231.83	-31.62	-102.28	-161.05
396	21	423	0.96	0.88	-0.25	0.17	0.47	0.54	83.85	-78.47	-26.36	31.74	-75.78
		485	0.91	1.45	6.35e-03	0.25	1.20	0.54	71.37	-81.96	-28.07	17.48	-73.20
		486	0.97	1.41	-0.14	0.08	1.18	0.54	80.42	-84.11	-21.92	18.22	-79.78
		432	1.03	0.81	-0.37	-6.35e-03	0.45	0.54	92.61	-80.34	-20.21	32.48	-82.36
396	24	423	0.96	0.88	-0.25	0.17	0.47	0.54	83.85	-78.47	-26.36	31.74	-75.78
		485	0.91	1.45	6.35e-03	0.25	1.20	0.54	71.37	-81.96	-28.07	17.48	-73.20
		486	0.97	1.41	-0.14	0.08	1.18	0.54	80.42	-84.11	-21.92	18.22	-79.78
		432	1.03	0.81	-0.37	-6.35e-03	0.45	0.54	92.61	-80.34	-20.21	32.48	-82.36
397	6	243	6.39	35.37	-45.38	-13.28	3.28	-39.52	566.76	-156.95	331.92	77.89	-338.83
		424	7.06	25.74	-53.34	-15.17	-12.43	-39.52	652.97	-168.78	339.89	144.30	-399.06
		433	7.02	67.10	-26.77	45.48	-5.15	-39.52	531.69	-208.36	196.27	127.06	-368.41
		249	6.37	72.56	-14.64	47.37	10.55	-39.52	439.19	-190.24	188.30	60.65	-308.17
397	17	243	8.88	62.91	-74.50	-17.99	6.40	-67.62	655.56	-218.07	336.27	101.22	-420.71
		424	9.49	47.22	-88.02	-21.12	-19.68	-67.62	725.93	-243.94	341.04	140.95	-474.50
		433	9.99	120.11	-43.00	84.15	-7.05	-67.62	627.41	-289.08	212.78	125.55	-456.16
		249	9.37	128.89	-22.58	87.28	19.03	-67.62	553.90	-260.07	208.01	85.83	-402.37
397	22	243	4.59	21.48	-31.17	-11.18	1.49	-25.56	392.52	-156.04	192.19	44.28	-264.12
		424	5.05	15.41	-35.87	-12.34	-8.13	-25.56	453.89	-163.53	197.97	92.39	-304.16
		433	4.90	37.49	-19.76	21.77	-4.04	-25.56	373.88	-190.44	102.50	80.94	-281.95
		249	4.45	41.24	-12.73	22.92	5.59	-25.56	308.80	-179.24	96.73	32.83	-241.92
397	25	243	4.57	19.44	-29.93	-11.58	1.09	-23.86	389.58	-170.99	178.81	39.78	-271.53
		424	5.03	13.85	-34.13	-12.63	-7.65	-23.86	451.45	-179.43	184.54	87.49	-311.69
		433	4.83	32.43	-19.69	16.85	-4.11	-23.86	372.12	-207.34	88.78	76.00	-289.66
		249	4.38	36.03	-13.50	17.90	4.63	-23.86	306.68	-195.33	83.06	28.29	-249.50
398	6	424	7.13	22.14	-47.73	-13.38	-12.21	-34.93	551.23	-332.84	102.56	115.82	-441.99
		425	7.39	19.85	-50.06	-13.88	-16.34	-34.93	610.72	-318.31	110.50	181.92	-463.14
		434	7.10	46.55	-32.59	25.57	-11.61	-34.93	554.44	-318.53	60.04	175.86	-432.63
		433	6.85	48.04	-29.46	26.06	-7.48	-34.93	493.42	-331.54	52.11	109.76	-411.47
398	17	424	9.26	38.00	-76.57	-19.13	-19.44	-57.28	624.83	-406.55	105.58	112.69	-515.68
		425	9.56	35.17	-79.49	-19.75	-24.57	-57.28	663.85	-418.83	108.45	136.57	-541.16
		434	9.60	81.75	-49.83	48.32	-16.40	-57.28	620.19	-443.21	47.70	129.28	-530.13
		433	9.31	83.54	-45.88	48.93	-11.27	-57.28	580.68	-430.44	44.84	105.40	-504.66
398	22	424	5.13	13.09	-31.65	-10.64	-7.92	-22.33	392.80	-272.37	46.24	74.19	-332.29
		425	5.28	11.57	-33.09	-10.95	-10.56	-22.33	433.19	-258.18	52.09	122.92	-343.86
		434	5.03	25.68	-22.77	10.85	-7.94	-22.33	396.92	-252.81	24.50	119.61	-321.37
		433	4.89	26.73	-20.87	11.17	-5.31	-22.33	355.66	-266.13	18.65	70.88	-309.80
398	25	424	5.12	11.66	-29.89	-10.80	-7.43	-20.71	393.34	-286.28	37.25	69.82	-339.42
		425	5.26	10.24	-31.19	-11.09	-9.85	-20.71	432.86	-271.23	43.09	118.53	-350.02
		434	5.00	22.02	-22.08	7.56	-7.62	-20.71	397.81	-264.49	17.83	115.50	-327.53
		433	4.87	23.04	-20.38	7.85	-5.19	-20.71	357.50	-278.73	11.98	66.78	-316.93
399	6	425	7.15	14.22	-45.01	-14.39	-16.40	-29.60	543.98	-404.85	-26.37	165.49	-464.61
		426	7.13	14.94	-44.26	-14.23	-15.10	-29.60	575.73	-371.66	-19.41	223.47	-457.86
		435	6.76	31.13	-32.36	10.86	-12.09	-29.60	557.05	-334.97	-3.31	225.40	-431.10
		434	6.79	30.61	-33.30	10.70	-13.39	-29.60	525.35	-368.20	-10.27	167.43	-437.85
399	17	425	9.03	23.08	-70.28	-22.32	-24.88	-46.66	596.09	-504.06	-28.15	120.18	-545.05
		426	9.04	25.67	-67.66	-21.76	-20.23	-46.66	603.80	-496.94	-26.56	133.42	-544.53
		435	8.92	52.60	-47.29	20.47	-15.16	-46.66	598.38	-490.11	-25.30	133.57	-538.42
		434	8.93	50.76	-50.66	19.91	-19.81	-46.66	590.67	-497.23	-26.89	120.33	-538.94
399	22	425	5.09	8.03	-29.20	-10.65	-10.52	-18.61	388.82	-310.03	-33.82	112.61	-341.67
		426	5.05	8.58	-28.66	-10.53	-9.55	-18.61	409.61	-283.70	-28.77	154.68	-334.30
		435	4.77	16.82	-21.93	2.84	-7.95	-18.61	398.68	-253.10	-11.20	156.79	-314.88
		434	4.82	16.40	-22.60	2.72	-8.92	-18.61	378.07	-279.60	-16.25	114.72	-322.25
399	25	425	5.07	6.96	-27.26	-10.52	-9.79	-17.11	389.18	-320.25	-39.67	108.60	-346.88
		426	5.02	7.52	-26.73	-10.40	-8.81	-17.11	408.87	-293.06	-34.64	150.46	-338.54
		435	4.74	14.24	-20.95	0.76	-7.47	-17.11	399.08	-260.99	-14.76	152.84	-319.22
		434	4.80	13.80	-21.60	0.64	-8.45	-17.11	379.63	-288.42	-19.78	110.99	-327.56
400	6	426	6.70	10.01	-38.90	-13.83	-15.05	-24.45	533.07	-394.09	-77.52	216.50	-439.65
		427	6.55	11.37	-37.53	-13.54	-12.62	-24.45	544.10	-357.20	-72.38	259.28	-419.02
		436	6.20	20.89	-29.64	2.00	-10.75	-24.45	545.50	-303.52	-23.20	265.19	-399.27
		435	6.36	19.81	-31.29	1.71	-13.19	-24.45	535.25	-341.18	-28.33	222.40	-419.90
400	17	426	8.42	15.96	-58.75	-22.48	-20.32	-37.34	559.58	-525.38	-91.43	125.63	-531.51
		427	8.26	19.35	-55.68	-21.78	-14.54	-37.34	541.66	-512.22	-91.94	121.38	-516.03

		436	8.16	34.02	-42.14	3.40	-11.52	-37.34	561.22	-490.43	-55.02	125.81	-518.00
		435	8.33	31.36	-45.95	2.71	-17.29	-37.34	579.18	-503.62	-54.51	130.06	-533.48
400	22	426	4.73	5.54	-24.85	-9.84	-9.47	-15.20	379.98	-293.62	-64.09	150.44	-319.26
		427	4.61	6.51	-23.94	-9.64	-7.79	-15.20	386.50	-265.67	-60.39	181.22	-302.88
		436	4.36	11.17	-19.66	-1.67	-6.83	-15.20	388.99	-224.41	-21.32	185.91	-288.67
		435	4.49	10.37	-20.75	-1.87	-8.51	-15.20	383.13	-253.02	-25.02	155.13	-305.05
400	25	426	4.70	4.76	-23.03	-9.57	-8.71	-13.89	379.20	-301.12	-68.34	146.41	-322.77
		427	4.57	5.71	-22.16	-9.37	-7.08	-13.89	384.93	-272.39	-64.65	177.19	-305.61
		436	4.32	9.40	-18.59	-2.88	-6.30	-13.89	388.23	-229.86	-23.73	182.10	-291.40
		435	4.46	8.60	-19.60	-3.08	-7.93	-13.89	383.19	-259.30	-27.42	151.32	-308.56
401	6	427	6.01	7.51	-31.75	-11.83	-12.41	-19.63	511.85	-346.56	-91.67	256.97	-392.21
		428	5.80	8.64	-30.64	-11.59	-10.41	-19.63	510.20	-312.08	-88.16	286.28	-366.04
		437	5.50	14.14	-25.74	-2.30	-9.30	-19.63	521.03	-253.02	-25.75	293.77	-352.51
		436	5.72	13.20	-27.03	-2.54	-11.30	-19.63	523.76	-288.57	-29.27	264.46	-378.68
401	17	427	7.57	12.34	-46.43	-19.79	-14.31	-29.26	505.02	-510.12	-122.78	117.67	-493.12
		428	7.30	14.92	-44.31	-19.28	-10.11	-29.26	470.55	-493.95	-124.74	101.35	-468.81
		437	7.25	22.63	-35.99	-4.96	-8.39	-29.26	505.09	-463.56	-66.77	108.30	-476.35
		436	7.52	20.45	-38.50	-5.46	-12.59	-29.26	539.45	-479.63	-64.81	124.63	-500.66
401	22	427	4.23	4.22	-20.05	-8.21	-7.61	-12.13	363.64	-254.64	-70.95	179.95	-282.54
		428	4.07	4.98	-19.35	-8.06	-6.31	-12.13	361.78	-228.89	-68.39	201.28	-262.76
		437	3.86	7.59	-16.79	-3.45	-5.76	-12.13	370.31	-184.60	-21.24	206.94	-252.91
		436	4.02	6.92	-17.59	-3.60	-7.06	-12.13	373.01	-211.19	-23.80	185.61	-272.69
401	25	427	4.19	3.66	-18.47	-7.90	-6.91	-11.06	361.92	-260.12	-74.24	176.04	-284.74
		428	4.03	4.38	-17.83	-7.75	-5.69	-11.06	359.73	-233.63	-71.64	197.74	-264.35
		437	3.82	6.40	-15.74	-4.09	-5.25	-11.06	368.70	-188.15	-23.02	203.57	-254.33
		436	3.99	5.76	-16.46	-4.23	-6.47	-11.06	371.78	-215.54	-25.63	181.87	-274.72
402	6	428	5.23	5.58	-24.71	-9.02	-10.11	-15.13	483.53	-286.70	-89.31	286.14	-336.27
		429	4.99	6.25	-24.01	-8.87	-8.89	-15.13	472.46	-257.42	-87.36	302.40	-308.56
		438	4.76	9.32	-21.29	-3.70	-8.27	-15.13	488.21	-199.17	-21.28	310.33	-301.05
		437	5.01	8.73	-22.06	-3.85	-9.49	-15.13	500.46	-229.62	-23.23	294.07	-328.76
402	17	428	6.56	9.66	-34.72	-15.42	-9.65	-22.00	437.72	-473.91	-136.17	99.98	-440.25
		429	6.22	11.17	-33.53	-15.13	-7.24	-22.00	391.92	-457.40	-139.30	73.83	-411.07
		438	6.23	14.94	-29.08	-7.78	-6.36	-22.00	436.13	-423.67	-69.72	82.18	-423.14
		437	6.57	13.58	-30.42	-8.07	-8.76	-22.00	481.57	-439.83	-66.58	108.33	-452.32
402	22	428	3.67	3.21	-15.45	-6.15	-6.09	-9.33	342.86	-208.65	-67.21	201.43	-240.83
		429	3.50	3.62	-15.05	-6.06	-5.36	-9.33	335.11	-186.82	-65.71	213.99	-220.33
		438	3.34	5.02	-13.69	-3.60	-5.07	-9.33	346.52	-143.49	-16.83	219.86	-214.53
		437	3.51	4.65	-14.12	-3.69	-5.79	-9.33	355.18	-166.22	-18.33	207.29	-235.03
402	25	428	3.64	2.83	-14.15	-5.86	-5.47	-8.49	340.73	-212.40	-69.65	197.98	-242.04
		429	3.47	3.19	-13.81	-5.79	-4.83	-8.49	333.17	-189.86	-68.04	211.35	-221.08
		438	3.30	4.25	-12.74	-3.89	-4.60	-8.49	344.67	-145.39	-18.07	217.34	-214.91
		437	3.48	3.91	-13.11	-3.96	-5.24	-8.49	353.18	-168.88	-19.67	203.97	-235.86
403	6	429	4.43	3.77	-18.27	-5.96	-8.54	-10.94	450.81	-224.37	-77.18	303.62	-278.78
		430	4.18	4.05	-17.94	-5.90	-7.99	-10.94	431.72	-201.45	-76.77	307.04	-251.80
		439	4.02	5.64	-16.67	-3.36	-7.68	-10.94	450.12	-147.78	-12.42	314.76	-250.22
		438	4.28	5.38	-17.03	-3.42	-8.24	-10.94	470.36	-171.86	-12.84	311.34	-277.20
403	17	429	5.45	6.88	-24.03	-10.47	-6.68	-15.34	363.62	-424.16	-134.90	74.36	-379.74
		430	5.08	7.65	-23.41	-10.32	-5.44	-15.34	309.82	-409.92	-139.14	39.04	-348.67
		439	5.16	9.25	-21.50	-7.19	-5.07	-15.34	360.76	-377.88	-65.05	47.93	-364.97
		438	5.53	8.53	-22.17	-7.34	-6.30	-15.34	413.77	-391.32	-60.81	83.25	-396.05
403	22	429	3.12	2.20	-11.31	-4.00	-5.12	-6.73	319.83	-161.73	-56.95	215.05	-198.69
		430	2.94	2.33	-11.16	-3.97	-4.86	-6.73	307.10	-144.61	-56.47	218.97	-179.01
		439	2.82	3.01	-10.58	-2.84	-4.73	-6.73	319.91	-104.84	-9.54	224.60	-177.19
		438	3.00	2.89	-10.74	-2.87	-4.98	-6.73	333.51	-122.84	-10.01	220.68	-196.88
403	25	429	3.09	1.95	-10.32	-3.77	-4.59	-6.12	317.88	-163.89	-58.50	212.49	-199.16
		430	2.91	2.05	-10.21	-3.75	-4.41	-6.12	305.79	-146.18	-57.90	217.51	-179.18
		439	2.79	2.53	-9.78	-2.94	-4.31	-6.12	318.41	-105.43	-10.25	223.23	-176.86
		438	2.98	2.44	-9.89	-2.96	-4.49	-6.12	331.42	-124.06	-10.85	218.21	-196.85
404	6	430	3.63	1.92	-12.65	-3.08	-7.65	-6.92	414.16	-162.63	-57.78	309.32	-222.44
		431	3.37	2.11	-12.34	-3.03	-7.21	-6.92	386.03	-146.32	-59.05	298.76	-197.08
		440	3.29	2.94	-11.84	-1.84	-7.07	-6.92	406.66	-99.23	1.41	306.02	-201.96
		439	3.56	2.77	-12.16	-1.89	-7.51	-6.92	435.86	-116.60	2.68	316.57	-227.31
404	17	430	4.29	3.68	-14.34	-5.77	-4.90	-9.00	287.34	-363.20	-117.49	41.64	-315.39
		431	3.93	4.55	-13.58	-5.59	-3.44	-9.00	227.58	-355.38	-123.06	-4.75	-285.41
		440	4.09	5.20	-12.83	-4.34	-3.29	-9.00	284.20	-331.96	-51.58	3.82	-306.83
		439	4.44	4.37	-13.63	-4.51	-4.74	-9.00	342.32	-338.12	-46.02	50.21	-336.80
404	22	430	2.57	1.11	-7.74	-2.01	-4.63	-4.23	294.76	-115.81	-41.78	220.73	-157.84
		431	2.38	1.18	-7.63	-1.99	-4.46	-4.23	276.04	-103.63	-42.48	214.89	-139.56
		440	2.32	1.52	-7.42	-1.49	-4.40	-4.23	290.14	-68.90	1.12	220.12	-142.26
		439	2.51	1.45	-7.54	-1.52	-4.57	-4.23	309.68	-81.90	1.82	225.96	-160.54
404	25	430	2.55	0.98	-7.02	-1.86	-4.18	-3.82	293.50	-116.62	-42.48	219.36	-157.83
		431	2.37	1.02	-6.95	-1.85	-4.09	-3.82	275.65	-104.02	-43.05	214.67	-139.40
		440	2.30	1.25	-6.81	-1.52	-4.05	-3.82	289.41	-68.57	0.89	219.95	-141.57
		439	2.49	1.21	-6.88	-1.53	-4.14	-3.82	308.11	-82.02	1.45	224.63	-159.99
405	6	431	3.02	-0.25	-8.02	-1.27	-7.00	-2.63	379.56	-110.24	-32.61	301.94	-178.87
		432	2.78	0.67	-5.34	-0.89	-3.78	-2.63	351.59	-101.65	-34.69	284.64	-160.82
		441	2.75	2.03	-4.81	0.80	-3.58	-2.63	368.85	-70.70	8.35	289.80	-168.81

		440	3.01	1.27	-7.65	0.41	-6.80	-2.63	397.34	-79.82	10.42	307.10	-186.86
405	17	431	3.25	-0.15	-5.58	-2.64	-3.08	-2.70	226.53	-306.73	-80.54	0.35	-263.54
		432	2.98	3.91	-3.20	-1.95	2.66	-2.70	169.48	-311.16	-87.13	-54.54	-239.77
		441	3.22	4.49	-1.68	-0.07	2.89	-2.70	226.16	-304.33	-30.44	-47.74	-265.10
		440	3.50	1.09	-4.71	-0.76	-2.86	-2.70	280.95	-297.65	-23.85	7.15	-288.88
405	22	431	2.15	-0.26	-4.86	-0.80	-4.32	-1.49	271.51	-77.25	-22.97	217.23	-126.42
		432	1.98	0.33	-3.08	-0.55	-2.20	-1.49	253.00	-70.78	-24.26	206.48	-113.57
		441	1.95	1.18	-2.76	0.50	-2.08	-1.49	264.58	-48.03	6.39	210.16	-118.53
		440	2.14	0.70	-4.64	0.24	-4.19	-1.49	283.50	-54.91	7.68	220.91	-131.39
405	25	431	2.15	-0.28	-4.39	-0.72	-3.95	-1.27	271.16	-77.12	-23.03	217.07	-126.14
		432	1.98	0.26	-2.67	-0.48	-1.93	-1.27	253.51	-70.41	-24.20	207.30	-113.28
		441	1.95	1.05	-2.38	0.49	-1.82	-1.27	264.71	-47.26	6.47	210.98	-117.79
		440	2.13	0.61	-4.20	0.25	-3.83	-1.27	282.79	-54.40	7.64	220.76	-130.65
406	5	432	2.48	1.28	-1.13	-0.04	0.19	1.20	344.49	-40.61	2.51	301.37	-121.44
		486	2.58	4.77	0.13	0.47	4.44	1.20	351.80	-43.40	3.00	305.40	-127.22
		487	2.59	4.85	0.52	0.88	4.49	1.20	347.59	-54.65	-10.80	303.74	-125.36
		441	2.50	1.51	-0.89	0.37	0.24	1.20	340.38	-51.94	-11.28	299.72	-119.58
406	20	432	3.20	0.56	-5.04	0.54	-5.02	0.34	466.54	26.72	27.00	466.27	10.91
		486	3.51	0.25	-7.58	0.23	-7.56	0.34	502.48	31.33	31.34	502.46	-2.45
		487	3.59	0.58	-7.54	0.56	-7.53	0.34	499.05	-0.94	-0.53	498.64	14.26
		441	3.29	0.89	-5.00	0.87	-4.98	0.34	464.07	-6.50	-4.88	462.45	27.62
406	21	432	1.77	0.95	-0.80	-0.04	0.19	0.86	247.23	-28.31	1.94	216.99	-86.13
		486	1.85	3.48	0.09	0.33	3.24	0.86	252.53	-30.29	2.29	219.95	-90.29
		487	1.86	3.53	0.36	0.62	3.28	0.86	249.51	-38.37	-7.62	218.76	-88.92
		441	1.79	1.10	-0.63	0.25	0.22	0.86	244.28	-36.46	-7.98	215.80	-84.76
406	24	432	1.77	0.95	-0.80	-0.04	0.19	0.86	247.23	-28.31	1.94	216.99	-86.13
		486	1.85	3.48	0.09	0.33	3.24	0.86	252.53	-30.29	2.29	219.95	-90.29
		487	1.86	3.53	0.36	0.62	3.28	0.86	249.51	-38.37	-7.62	218.76	-88.92
		441	1.79	1.10	-0.63	0.25	0.22	0.86	244.28	-36.46	-7.98	215.80	-84.76
407	5	249	4.98	5.49	-37.19	-27.94	-3.76	-17.58	316.13	-355.17	-18.40	-20.64	-335.65
		433	5.61	1.35	-38.90	-28.56	-8.98	-17.58	506.65	-267.38	11.42	227.85	-371.58
		291	4.71	-1.68	-46.68	-38.22	-10.14	-17.58	367.07	-223.76	-74.25	217.57	-256.87
		255	3.99	2.75	-45.26	-37.59	-4.92	-17.58	156.45	-291.44	-104.07	-30.92	-220.94
407	19	249	6.75	91.86	-5.17	84.99	1.70	-24.90	469.57	-133.25	384.25	-47.92	-210.13
		433	6.70	89.13	-19.93	83.12	-13.91	-24.90	545.18	6.57	407.33	144.42	-235.04
		291	7.31	142.08	-11.48	137.93	-7.34	-24.90	422.84	62.39	347.94	137.29	-146.25
		255	7.43	144.36	3.72	139.80	8.28	-24.90	360.31	-90.50	324.86	-55.05	-121.34
407	21	249	3.71	4.01	-28.98	-22.23	-2.75	-13.31	224.65	-268.05	-27.31	-16.09	-246.29
		433	4.15	0.88	-30.22	-22.70	-6.64	-13.31	364.96	-201.38	-5.13	168.72	-269.50
		291	3.50	-1.49	-36.65	-30.56	-7.58	-13.31	265.99	-164.39	-60.48	162.08	-184.18
		255	2.99	1.86	-35.64	-30.09	-3.69	-13.31	111.04	-216.43	-82.65	-22.73	-160.97
407	24	249	3.71	4.01	-28.98	-22.23	-2.75	-13.31	224.65	-268.05	-27.31	-16.09	-246.29
		433	4.15	0.88	-30.22	-22.70	-6.64	-13.31	364.96	-201.38	-5.13	168.72	-269.50
		291	3.50	-1.49	-36.65	-30.56	-7.58	-13.31	265.99	-164.39	-60.48	162.08	-184.18
		255	2.99	1.86	-35.64	-30.09	-3.69	-13.31	111.04	-216.43	-82.65	-22.73	-160.97
408	5	433	5.83	0.13	-32.53	-23.97	-8.43	-14.37	522.99	-326.76	-27.01	223.24	-406.03
		434	6.37	-0.15	-32.66	-24.01	-8.80	-14.37	669.94	-261.19	-4.24	412.99	-416.21
		297	5.73	-4.61	-45.03	-39.03	-10.60	-14.37	585.85	-204.27	-28.50	410.08	-328.61
		291	5.11	-4.28	-44.93	-38.98	-10.23	-14.37	430.71	-261.66	-51.27	220.33	-318.44
408	17	433	6.27	54.39	-28.09	47.71	-21.42	-22.49	489.04	-325.16	46.30	117.58	-405.53
		434	6.51	54.30	-28.50	47.66	-21.86	-22.49	641.58	-251.59	70.52	319.46	-428.89
		297	5.58	74.16	-24.74	68.75	-19.33	-22.49	531.07	-203.46	14.84	312.78	-335.69
		291	5.37	74.23	-24.32	68.80	-18.89	-22.49	368.83	-267.32	-9.39	110.89	-312.34
408	21	433	4.27	0.08	-25.15	-18.89	-6.18	-10.90	377.88	-237.15	-25.54	166.27	-292.18
		434	4.65	-0.21	-25.27	-18.93	-6.55	-10.90	485.08	-189.42	-8.94	304.60	-298.60
		297	4.21	-3.58	-35.05	-30.67	-7.96	-10.90	425.33	-146.83	-24.26	302.76	-234.74
		291	3.76	-3.26	-34.97	-30.63	-7.59	-10.90	312.12	-188.55	-40.86	164.43	-228.32
408	24	433	4.27	0.08	-25.15	-18.89	-6.18	-10.90	377.88	-237.15	-25.54	166.27	-292.18
		434	4.65	-0.21	-25.27	-18.93	-6.55	-10.90	485.08	-189.42	-8.94	304.60	-298.60
		297	4.21	-3.58	-35.05	-30.67	-7.96	-10.90	425.33	-146.83	-24.26	302.76	-234.74
		291	3.76	-3.26	-34.97	-30.63	-7.59	-10.90	312.12	-188.55	-40.86	164.43	-228.32
409	5	434	6.16	-1.38	-27.73	-20.71	-8.40	-11.65	654.96	-272.13	-27.39	410.21	-408.66
		435	6.49	0.48	-26.92	-20.42	-6.01	-11.65	739.44	-225.24	-13.31	527.52	-399.41
		303	6.06	-2.47	-35.60	-30.81	-7.26	-11.65	702.09	-163.18	8.75	530.16	-345.26
		297	5.69	-4.54	-36.21	-31.10	-9.65	-11.65	615.34	-207.81	-5.33	412.86	-354.51
409	17	434	6.56	30.21	-36.22	19.26	-25.26	-24.65	618.32	-311.88	-4.07	310.51	-437.70
		435	6.78	31.94	-30.95	20.01	-19.02	-24.65	682.14	-287.34	5.40	389.40	-445.09
		303	6.38	40.54	-28.22	30.13	-17.80	-24.65	642.41	-267.36	-12.23	387.29	-408.67
		297	6.16	39.02	-33.69	29.38	-24.05	-24.65	577.24	-290.55	-21.70	308.39	-401.28
409	21	434	4.47	-1.10	-21.29	-16.16	-6.22	-8.78	474.75	-193.04	-21.39	303.11	-291.82
		435	4.70	0.30	-20.70	-15.95	-4.45	-8.78	534.54	-160.10	-11.46	385.89	-284.88
		303	4.41	-1.94	-27.58	-24.09	-5.43	-8.78	508.70	-115.72	5.09	387.88	-246.66
		297	4.15	-3.49	-28.01	-24.31	-7.20	-8.78	447.33	-147.08	-4.84	305.09	-253.61
409	24	434	4.47	-1.10	-21.29	-16.16	-6.22	-8.78	474.75	-193.04	-21.39	303.11	-291.82
		435	4.70	0.30	-20.70	-15.95	-4.45	-8.78	534.54	-160.10	-11.46	385.89	-284.88
		303	4.41	-1.94	-27.58	-24.09	-5.43	-8.78	508.70	-115.72	5.09	387.88	-246.66
		297	4.15	-3.49	-28.01	-24.31	-7.20	-8.78	447.33	-147.08	-4.84	305.09	-253.61

410	5	435	6.16	0.17	-22.28	-16.56	-5.55	-9.78	717.71	-212.18	-21.06	526.59	-375.76
		436	6.34	1.44	-21.74	-16.36	-3.93	-9.78	771.24	-174.46	-11.28	608.07	-357.33
		309	5.99	-0.13	-26.13	-21.68	-4.57	-9.78	754.88	-108.88	32.65	613.34	-319.72
		303	5.78	-1.49	-26.57	-21.88	-6.19	-9.78	700.58	-145.84	22.87	531.86	-338.14
410	17	435	6.84	18.78	-37.68	2.25	-21.15	-25.69	666.54	-304.45	-23.81	385.90	-440.16
		436	6.87	21.12	-33.39	2.96	-15.23	-25.69	675.80	-292.69	-21.55	404.66	-434.84
		309	6.74	26.22	-30.64	9.96	-14.39	-25.69	672.67	-275.35	-8.87	406.19	-426.17
		303	6.71	24.11	-35.17	9.25	-20.31	-25.69	663.43	-287.13	-11.12	387.42	-431.49
410	21	435	4.45	0.08	-17.00	-12.84	-4.08	-7.33	519.47	-148.90	-14.91	385.48	-267.58
		436	4.58	1.04	-16.61	-12.70	-2.87	-7.33	556.28	-122.80	-8.17	441.65	-254.36
		309	4.34	-0.16	-20.11	-16.90	-3.37	-7.33	545.39	-76.60	23.36	445.44	-228.43
		303	4.20	-1.19	-20.44	-17.05	-4.58	-7.33	508.08	-102.20	16.61	389.26	-241.65
410	24	435	4.45	0.08	-17.00	-12.84	-4.08	-7.33	519.47	-148.90	-14.91	385.48	-267.58
		436	4.58	1.04	-16.61	-12.70	-2.87	-7.33	556.28	-122.80	-8.17	441.65	-254.36
		309	4.34	-0.16	-20.11	-16.90	-3.37	-7.33	545.39	-76.60	23.36	445.44	-228.43
		303	4.20	-1.19	-20.44	-17.05	-4.58	-7.33	508.08	-102.20	16.61	389.26	-241.65
411	6	436	6.10	9.35	-27.94	-3.05	-15.54	-17.57	814.96	-91.96	22.99	700.00	-301.73
		437	6.29	10.18	-26.57	-2.81	-13.58	-17.57	857.32	-70.78	29.80	756.74	-288.50
		315	6.00	12.81	-25.03	0.92	-13.13	-17.57	847.99	-26.14	61.33	760.52	-262.31
		309	5.80	12.05	-26.46	0.68	-15.09	-17.57	804.96	-46.64	54.53	703.79	-275.54
411	17	436	6.66	13.66	-35.86	-5.91	-16.29	-24.21	656.79	-284.65	-31.35	403.49	-417.50
		437	6.52	15.76	-33.11	-5.39	-11.96	-24.21	631.30	-279.56	-33.53	385.28	-404.43
		315	6.56	18.63	-30.93	-0.88	-11.42	-24.21	650.20	-263.55	-2.37	389.02	-412.84
		309	6.69	16.68	-33.83	-1.40	-15.75	-24.21	675.64	-268.59	-0.18	407.23	-425.91
411	22	436	4.38	5.23	-18.89	-3.92	-9.74	-11.70	580.32	-69.81	13.56	496.95	-217.37
		437	4.50	5.82	-18.05	-3.77	-8.46	-11.70	608.59	-54.31	18.25	536.03	-206.96
		315	4.30	7.01	-17.23	-1.97	-8.25	-11.70	602.78	-20.70	43.07	539.01	-188.93
		309	4.18	6.45	-18.10	-2.13	-9.52	-11.70	574.10	-35.79	38.38	499.93	-199.33
411	25	436	4.37	4.55	-18.01	-4.53	-8.93	-11.07	575.83	-73.53	11.45	490.85	-219.00
		437	4.48	5.13	-17.26	-4.39	-7.74	-11.07	603.86	-57.46	16.17	530.22	-208.02
		315	4.28	6.02	-16.58	-2.99	-7.57	-11.07	598.20	-22.48	42.36	533.37	-189.84
		309	4.16	5.47	-17.37	-3.13	-8.76	-11.07	569.78	-38.15	37.64	493.99	-200.82
412	6	437	6.02	6.78	-24.91	-4.36	-13.76	-15.13	843.45	-54.09	32.33	757.04	-264.75
		438	6.06	7.40	-23.96	-4.19	-12.37	-15.13	858.91	-40.21	35.47	783.23	-249.63
		321	5.89	9.02	-22.94	-1.83	-12.08	-15.13	859.19	-0.11	71.52	787.56	-237.54
		315	5.84	8.45	-23.93	-2.00	-13.48	-15.13	843.70	-13.96	68.38	761.37	-252.66
412	17	437	6.11	10.59	-31.42	-8.50	-12.33	-20.92	610.17	-258.21	-33.34	385.30	-380.41
		438	5.87	12.05	-29.81	-8.17	-9.58	-20.92	565.65	-256.30	-37.91	347.26	-363.06
		321	6.00	13.20	-28.75	-6.20	-9.35	-20.92	596.51	-240.84	3.45	352.22	-380.62
		315	6.24	11.79	-30.42	-6.53	-12.10	-20.92	640.62	-242.35	8.01	390.27	-397.97
412	22	437	4.29	3.97	-16.47	-4.01	-8.49	-9.97	598.32	-40.79	21.16	536.38	-189.08
		438	4.33	4.36	-15.93	-3.91	-7.66	-9.97	609.97	-30.24	23.53	556.20	-177.57
		321	4.20	5.20	-15.33	-2.62	-7.50	-9.97	610.21	0.24	50.97	559.49	-168.42
		315	4.16	4.83	-15.89	-2.72	-8.34	-9.97	598.54	-10.28	48.59	539.67	-179.93
412	25	437	4.27	3.54	-15.53	-4.26	-7.73	-9.38	593.25	-43.10	19.52	530.63	-189.55
		438	4.31	3.90	-15.07	-4.17	-6.99	-9.38	606.00	-31.94	22.08	551.97	-177.62
		321	4.18	4.60	-14.54	-3.08	-6.86	-9.38	606.05	-0.12	50.54	555.38	-167.77
		315	4.14	4.25	-15.02	-3.17	-7.60	-9.38	593.26	-11.24	47.98	534.04	-179.70
413	6	438	5.78	4.73	-20.98	-3.91	-12.33	-12.15	847.67	-19.51	43.91	784.24	-225.78
		439	5.73	5.04	-20.47	-3.83	-11.60	-12.15	845.68	-10.96	44.62	790.10	-211.00
		327	5.66	5.79	-20.03	-2.77	-11.48	-12.15	850.62	23.56	79.86	794.33	-208.30
		321	5.70	5.49	-20.55	-2.85	-12.21	-12.15	852.80	14.83	79.15	788.47	-223.08
413	17	438	5.35	8.08	-25.33	-7.72	-9.53	-16.68	544.98	-225.65	-29.00	348.33	-335.97
		439	5.05	8.88	-24.48	-7.55	-8.05	-16.68	489.55	-227.62	-35.15	297.08	-317.79
		327	5.25	8.68	-24.68	-7.91	-8.10	-16.68	527.01	-216.50	8.22	302.29	-341.44
		321	5.54	7.87	-25.53	-8.09	-9.57	-16.68	581.55	-213.66	14.36	353.53	-359.63
413	22	438	4.12	2.86	-13.62	-3.18	-7.57	-7.94	601.77	-14.41	30.35	557.01	-159.92
		439	4.10	3.02	-13.38	-3.14	-7.21	-7.94	602.85	-7.61	31.20	564.04	-148.94
		327	4.02	3.46	-13.09	-2.50	-7.14	-7.94	605.88	18.68	57.38	567.18	-145.70
		321	4.04	3.30	-13.34	-2.54	-7.49	-7.94	604.92	11.77	56.54	560.16	-156.68
413	25	438	4.10	2.60	-12.73	-3.25	-6.88	-7.45	597.63	-15.49	29.30	552.83	-159.56
		439	4.09	2.73	-12.55	-3.22	-6.60	-7.45	600.66	-8.16	30.41	562.09	-148.31
		327	4.00	3.11	-12.28	-2.64	-6.54	-7.45	603.30	19.23	57.23	565.31	-144.04
		321	4.02	2.99	-12.47	-2.67	-6.81	-7.45	600.36	11.81	56.12	556.05	-155.29
414	6	439	5.69	3.08	-16.87	-2.36	-11.43	-8.88	837.41	14.23	59.72	791.91	-188.10
		440	5.57	3.20	-16.61	-2.32	-11.09	-8.88	821.91	18.30	58.50	781.71	-175.19
		333	5.52	2.89	-16.76	-2.73	-11.14	-8.88	829.15	45.54	89.28	785.41	-179.90
		327	5.64	2.77	-17.02	-2.77	-11.48	-8.88	844.88	41.23	90.50	795.61	-192.81
414	20	439	5.14	4.14	-3.75	1.68	-1.30	3.65	805.74	94.34	95.56	804.52	29.44
		440	5.71	3.55	-4.99	1.49	-2.93	3.65	886.87	104.05	105.29	885.62	31.18
		333	5.74	5.03	-4.43	3.31	-2.71	3.65	892.14	103.44	109.46	886.12	68.62
		327	5.18	5.52	-3.10	3.50	-1.08	3.65	811.31	93.44	99.72	805.02	66.87
414	22	439	4.03	1.91	-10.78	-1.81	-7.05	-5.78	596.97	10.98	42.55	565.40	-132.29
		440	3.97	1.94	-10.72	-1.80	-6.97	-5.78	589.49	14.52	42.13	561.88	-122.94
		333	3.93	1.76	-10.82	-2.06	-7.01	-5.78	593.86	35.12	64.42	564.56	-124.56
		327	3.99	1.72	-10.88	-2.07	-7.08	-5.78	601.49	31.43	64.85	568.08	-133.91
414	25	439	4.00	1.76	-10.00	-1.80	-6.43	-5.41	594.76	10.85	42.12	563.49	-131.44

		440	3.96	1.76	-10.00	-1.80	-6.44	-5.41	589.69	14.82	42.00	562.51	-122.01
		333	3.92	1.58	-10.10	-2.05	-6.47	-5.41	593.56	36.15	64.49	565.21	-122.46
		327	3.96	1.58	-10.10	-2.05	-6.46	-5.41	598.76	32.04	64.61	566.19	-131.90
415	6	440	5.59	1.89	-12.78	-0.07	-10.82	-5.00	816.99	33.31	67.51	782.79	-160.09
		441	5.38	2.14	-11.90	0.05	-9.82	-5.00	789.12	35.04	64.71	759.46	-146.60
		339	5.33	0.10	-12.55	-2.35	-10.10	-5.00	798.61	61.60	96.89	763.32	-157.37
		333	5.54	-0.18	-13.39	-2.47	-11.11	-5.00	826.81	59.54	99.69	786.65	-170.87
415	20	440	5.74	1.90	-3.40	1.43	-2.93	1.50	885.70	91.19	92.78	884.12	35.41
		441	6.36	1.25	-7.11	0.97	-6.83	1.50	964.28	100.34	102.17	962.44	39.74
		339	6.38	1.72	-7.04	1.46	-6.77	1.50	970.40	105.79	112.50	963.68	75.90
		333	5.76	2.36	-3.31	1.93	-2.87	1.50	891.85	96.61	103.10	885.36	71.57
415	22	440	3.98	1.23	-8.06	-0.07	-6.77	-3.22	586.04	25.32	48.69	562.67	-112.07
		441	3.86	1.35	-7.63	-7.10e-03	-6.28	-3.22	569.87	27.04	47.15	549.77	-102.52
		339	3.82	-0.04	-8.08	-1.65	-6.47	-3.22	575.76	46.64	69.90	552.50	-108.48
		333	3.94	-0.18	-8.49	-1.71	-6.96	-3.22	592.15	44.70	71.45	565.40	-118.03
415	25	440	3.97	1.17	-7.44	-0.04	-6.23	-2.99	586.28	25.79	48.75	563.32	-111.09
		441	3.86	1.26	-7.12	7.22e-03	-5.86	-2.99	572.51	27.82	47.49	552.84	-101.63
		339	3.82	-0.11	-7.56	-1.61	-6.06	-2.99	577.87	47.74	70.06	555.55	-106.47
		333	3.93	-0.22	-7.86	-1.66	-6.42	-2.99	591.85	45.50	71.32	566.03	-115.93
416	5	441	5.46	1.11	-4.91	-0.10	-3.70	2.41	814.88	37.32	49.13	803.08	-95.06
		487	5.57	11.49	1.06	1.65	10.90	2.41	806.47	35.81	48.06	794.22	-96.38
		345	5.59	11.40	0.56	1.12	10.84	2.41	807.09	31.69	44.93	793.85	-100.47
		339	5.47	0.68	-5.07	-0.63	-3.76	2.41	815.48	33.22	45.99	802.70	-99.15
416	20	441	6.45	0.68	-6.91	0.64	-6.87	0.53	958.16	52.99	54.44	956.72	36.16
		487	6.81	0.36	-9.48	0.33	-9.45	0.53	1001.41	58.49	59.66	1000.24	33.14
		345	6.83	-0.10	-9.54	-0.13	-9.51	0.53	1002.36	49.49	52.48	999.38	53.24
		339	6.48	0.22	-6.96	0.18	-6.92	0.53	959.32	43.78	47.25	955.85	56.25
416	21	441	3.91	0.77	-3.46	-0.09	-2.60	1.70	583.90	26.93	35.20	575.63	-67.37
		487	3.99	8.25	0.76	1.16	7.84	1.70	577.67	25.84	34.42	569.09	-68.27
		345	4.00	8.19	0.41	0.80	7.79	1.70	578.14	22.97	32.28	568.83	-71.29
		339	3.92	0.47	-3.57	-0.45	-2.65	1.70	584.36	24.08	33.07	575.37	-70.39
416	24	441	3.91	0.77	-3.46	-0.09	-2.60	1.70	583.90	26.93	35.20	575.63	-67.37
		487	3.99	8.25	0.76	1.16	7.84	1.70	577.67	25.84	34.42	569.09	-68.27
		345	4.00	8.19	0.41	0.80	7.79	1.70	578.14	22.97	32.28	568.83	-71.29
		339	3.92	0.47	-3.57	-0.45	-2.65	1.70	584.36	24.08	33.07	575.37	-70.39
417	5	488	0.81	0.60	0.04	0.31	0.34	-0.28	11.00	-113.41	-68.26	-34.15	59.82
		489	0.91	0.53	-0.04	0.29	0.19	-0.28	34.14	-113.55	-65.80	-13.62	69.08
		442	0.96	0.45	-0.11	0.17	0.18	-0.28	52.91	-107.59	-43.71	-10.97	78.56
		490	0.86	0.54	-0.03	0.19	0.32	-0.28	30.85	-108.52	-46.18	-31.50	69.30
417	19	488	1.09	2.54	0.35	0.52	2.37	-0.58	-6.04	-157.84	-86.14	-77.74	75.78
		489	1.18	1.60	0.11	0.40	1.31	-0.58	25.61	-156.43	-82.60	-48.22	89.38
		442	1.26	1.34	-0.92	-0.76	1.17	-0.58	55.79	-150.30	-50.17	-44.33	103.01
		490	1.17	2.34	-0.75	-0.64	2.23	-0.58	26.19	-153.75	-53.72	-73.85	89.41
417	21	488	0.58	0.45	0.03	0.23	0.25	-0.21	7.98	-80.37	-48.43	-23.95	42.45
		489	0.65	0.39	-0.03	0.22	0.15	-0.21	24.39	-80.46	-46.68	-9.38	48.99
		442	0.68	0.34	-0.08	0.13	0.14	-0.21	37.66	-76.24	-31.07	-7.51	55.72
		490	0.61	0.40	-0.03	0.14	0.24	-0.21	22.01	-76.91	-32.82	-22.08	49.17
417	24	488	0.58	0.45	0.03	0.23	0.25	-0.21	7.98	-80.37	-48.43	-23.95	42.45
		489	0.65	0.39	-0.03	0.22	0.15	-0.21	24.39	-80.46	-46.68	-9.38	48.99
		442	0.68	0.34	-0.08	0.13	0.14	-0.21	37.66	-76.24	-31.07	-7.51	55.72
		490	0.61	0.40	-0.03	0.14	0.24	-0.21	22.01	-76.91	-32.82	-22.08	49.17
418	5	489	1.73	1.72	2.60e-03	1.39	0.33	-0.67	31.03	-233.61	-175.76	-26.81	109.37
		491	1.94	1.62	-0.31	1.35	-0.04	-0.67	61.09	-245.98	-173.87	-11.01	130.16
		443	1.83	1.00	-0.53	0.60	-0.13	-0.67	85.15	-214.51	-124.30	-5.06	137.46
		442	1.60	1.14	-0.26	0.64	0.24	-0.67	54.48	-201.53	-126.19	-20.86	116.67
418	19	489	2.08	1.59	0.92	1.11	1.40	-0.30	20.19	-296.53	-212.52	-63.82	139.82
		491	2.33	1.22	0.55	1.03	0.74	-0.30	61.48	-309.73	-209.51	-38.73	164.79
		443	2.25	0.37	-2.34	-2.31	0.34	-0.30	95.26	-276.82	-149.97	-31.59	176.37
		442	1.98	1.03	-2.26	-2.23	1.00	-0.30	54.05	-263.70	-152.98	-56.67	151.40
418	21	489	1.23	1.29	1.41e-03	1.05	0.25	-0.51	22.20	-165.67	-124.73	-18.75	77.56
		491	1.38	1.22	-0.23	1.01	-0.02	-0.51	43.50	-174.43	-123.38	-7.54	92.30
		443	1.30	0.75	-0.39	0.45	-0.09	-0.51	60.53	-152.10	-88.24	-3.33	97.47
		442	1.14	0.86	-0.20	0.48	0.18	-0.51	38.79	-142.91	-89.59	-14.53	82.74
418	24	489	1.23	1.29	1.41e-03	1.05	0.25	-0.51	22.20	-165.67	-124.73	-18.75	77.56
		491	1.38	1.22	-0.23	1.01	-0.02	-0.51	43.50	-174.43	-123.38	-7.54	92.30
		443	1.30	0.75	-0.39	0.45	-0.09	-0.51	60.53	-152.10	-88.24	-3.33	97.47
		442	1.14	0.86	-0.20	0.48	0.18	-0.51	38.79	-142.91	-89.59	-14.53	82.74
419	5	491	2.51	3.18	0.01	3.04	0.16	-0.66	67.81	-324.59	-238.06	-18.72	162.69
		492	2.73	3.16	-0.14	3.02	-4.54e-03	-0.66	89.84	-343.30	-237.70	-15.76	185.98
		444	2.52	1.13	-0.58	0.82	-0.27	-0.66	110.74	-301.99	-182.16	-9.09	187.34
		443	2.28	1.18	-0.45	0.84	-0.10	-0.66	87.59	-282.15	-182.51	-12.05	164.05
419	19	491	2.95	1.67	-1.40	-0.30	0.58	1.47	72.57	-389.51	-270.84	-46.09	201.87
		492	3.20	1.74	-1.36	-0.29	0.67	1.47	101.58	-408.45	-269.76	-37.11	226.94
		444	3.14	0.37	-6.08	-5.72	0.02	1.47	128.05	-367.97	-209.98	-29.93	231.09
		443	2.88	0.29	-6.09	-5.73	-0.07	1.47	98.29	-348.27	-211.06	-38.92	206.02
419	21	491	1.79	2.42	0.02	2.30	0.13	-0.52	48.26	-230.25	-168.98	-13.02	115.37
		492	1.94	2.40	-0.10	2.29	7.97e-03	-0.52	63.87	-243.54	-168.73	-10.94	131.91

		444	1.79	0.88	-0.44	0.63	-0.19	-0.52	78.68	-214.18	-129.30	-6.21	132.87
		443	1.62	0.91	-0.34	0.64	-0.07	-0.52	62.27	-200.10	-129.55	-8.28	116.33
419	24	491	1.79	2.42	0.02	2.30	0.13	-0.52	48.26	-230.25	-168.98	-13.02	115.37
		492	1.94	2.40	-0.10	2.29	7.97e-03	-0.52	63.87	-243.54	-168.73	-10.94	131.91
		444	1.79	0.88	-0.44	0.63	-0.19	-0.52	78.68	-214.18	-129.30	-6.21	132.87
		443	1.62	0.91	-0.34	0.64	-0.07	-0.52	62.27	-200.10	-129.55	-8.28	116.33
420	5	492	3.23	4.68	0.13	4.62	0.19	-0.52	106.97	-404.91	-277.41	-20.52	221.38
		493	3.47	4.68	0.09	4.62	0.15	-0.52	129.67	-426.17	-277.25	-19.24	246.17
		445	3.22	0.87	-0.55	0.65	-0.32	-0.52	152.25	-382.54	-218.14	-12.15	246.76
		444	2.97	0.88	-0.51	0.66	-0.29	-0.52	128.60	-360.33	-218.30	-13.43	221.97
420	19	492	3.85	1.92	-8.41	-6.42	-0.07	4.07	127.85	-455.41	-288.23	-39.32	263.74
		493	4.10	2.54	-8.20	-6.34	0.68	4.07	154.47	-475.17	-287.50	-33.20	288.00
		445	4.04	1.29	-13.06	-11.80	0.02	4.07	180.14	-436.05	-229.66	-26.26	290.83
		444	3.78	0.60	-13.21	-11.88	-0.72	4.07	152.97	-415.75	-230.39	-32.38	266.57
420	21	492	2.30	3.62	0.11	3.56	0.16	-0.43	75.99	-287.46	-197.13	-14.35	157.07
		493	2.47	3.61	0.07	3.56	0.12	-0.43	92.11	-302.60	-197.03	-13.46	174.71
		445	2.29	0.73	-0.43	0.54	-0.24	-0.43	108.14	-271.52	-154.96	-8.41	175.12
		444	2.11	0.74	-0.40	0.54	-0.20	-0.43	91.35	-255.71	-155.07	-9.30	157.48
420	24	492	2.30	3.62	0.11	3.56	0.16	-0.43	75.99	-287.46	-197.13	-14.35	157.07
		493	2.47	3.61	0.07	3.56	0.12	-0.43	92.11	-302.60	-197.03	-13.46	174.71
		445	2.29	0.73	-0.43	0.54	-0.24	-0.43	108.14	-271.52	-154.96	-8.41	175.12
		444	2.11	0.74	-0.40	0.54	-0.20	-0.43	91.35	-255.71	-155.07	-9.30	157.48
421	5	493	3.93	6.02	0.29	5.99	0.32	-0.39	152.43	-479.38	-304.45	-22.51	282.71
		494	4.18	6.01	0.22	5.98	0.25	-0.39	175.33	-502.51	-304.47	-22.71	308.26
		446	3.92	0.33	-0.65	0.14	-0.45	-0.39	199.12	-458.07	-243.55	-15.40	308.16
		445	3.65	0.35	-0.59	0.14	-0.39	-0.39	175.44	-434.16	-243.53	-15.20	282.61
421	19	493	4.78	1.72	-21.45	-18.90	-0.83	7.25	188.41	-502.08	-281.23	-32.44	322.06
		494	5.01	2.84	-21.18	-18.75	0.40	7.25	212.28	-521.31	-280.73	-28.30	344.40
		446	4.91	2.37	-23.29	-21.05	0.12	7.25	236.56	-485.92	-227.45	-21.91	346.31
		445	4.67	1.24	-23.54	-21.20	-1.11	7.25	212.33	-466.33	-227.95	-26.05	323.97
421	21	493	2.81	4.75	0.23	4.72	0.26	-0.36	108.13	-340.97	-216.98	-15.86	200.77
		494	2.98	4.74	0.17	4.71	0.20	-0.36	124.45	-357.50	-217.00	-16.04	219.03
		446	2.79	0.39	-0.52	0.21	-0.34	-0.36	141.41	-325.70	-173.47	-10.82	218.94
		445	2.60	0.41	-0.47	0.22	-0.28	-0.36	124.53	-308.60	-173.45	-10.63	200.68
421	24	493	2.81	4.75	0.23	4.72	0.26	-0.36	108.13	-340.97	-216.98	-15.86	200.77
		494	2.98	4.74	0.17	4.71	0.20	-0.36	124.45	-357.50	-217.00	-16.04	219.03
		446	2.79	0.39	-0.52	0.21	-0.34	-0.36	141.41	-325.70	-173.47	-10.82	218.94
		445	2.60	0.41	-0.47	0.22	-0.28	-0.36	124.53	-308.60	-173.45	-10.63	200.68
422	6	494	4.73	-0.03	-26.64	-24.52	-2.15	7.21	209.37	-468.16	-245.38	-13.42	318.29
		495	4.94	1.04	-26.43	-24.38	-1.00	7.21	228.16	-488.01	-245.49	-14.36	338.92
		447	4.75	1.81	-22.78	-20.44	-0.53	7.21	248.91	-453.65	-196.29	-8.45	338.49
		446	4.53	0.76	-23.02	-20.58	-1.68	7.21	229.71	-433.41	-196.18	-7.51	317.86
422	19	494	5.74	1.05	-42.55	-39.41	-2.08	11.26	253.68	-528.27	-249.98	-24.61	374.39
		495	5.94	2.68	-42.23	-39.20	-0.34	11.26	273.64	-545.01	-249.64	-21.73	393.14
		447	5.75	3.67	-37.27	-33.89	0.29	11.26	294.94	-516.22	-204.92	-16.37	394.47
		446	5.55	2.07	-37.60	-34.10	-1.44	11.26	274.80	-499.31	-205.26	-19.24	375.71
422	22	494	3.31	0.12	-14.57	-13.25	-1.20	4.20	147.70	-342.73	-184.24	-10.79	229.37
		495	3.47	0.72	-14.44	-13.17	-0.55	4.20	161.64	-357.52	-184.33	-11.55	244.78
		447	3.35	0.92	-13.53	-12.18	-0.43	4.20	176.96	-331.67	-147.57	-7.14	244.43
		446	3.19	0.33	-13.66	-12.26	-1.08	4.20	162.71	-316.57	-147.48	-6.38	229.02
422	24	494	3.29	5.72	0.31	5.70	0.32	-0.24	145.07	-388.43	-226.22	-17.15	245.42
		495	3.47	5.70	0.18	5.69	0.19	-0.24	161.14	-405.62	-226.34	-18.14	263.57
		447	3.27	-0.18	-0.69	-0.34	-0.53	-0.24	178.51	-374.52	-183.05	-12.95	263.11
		446	3.08	-0.12	-0.61	-0.32	-0.40	-0.24	162.00	-356.89	-182.93	-11.96	244.96
423	6	495	5.53	-0.83	-45.92	-43.46	-3.29	10.24	273.23	-483.53	-201.25	-9.05	365.98
		496	5.70	0.78	-45.64	-43.26	-1.60	10.24	287.33	-500.15	-201.52	-11.30	382.08
		448	5.41	3.00	-33.90	-30.80	-0.11	10.24	304.08	-473.89	-163.12	-6.69	381.04
		447	5.23	1.43	-34.23	-31.00	-1.80	10.24	289.79	-457.08	-162.85	-4.44	364.94
423	19	495	6.73	-0.20	-74.48	-70.57	-4.11	16.58	325.77	-524.07	-184.39	-13.90	416.28
		496	6.87	2.30	-74.05	-70.25	-1.49	16.58	339.27	-535.51	-184.17	-12.08	428.84
		448	6.51	5.70	-55.74	-50.88	0.83	16.58	354.47	-517.17	-154.22	-8.48	429.69
		447	6.36	3.27	-56.24	-51.19	-1.78	16.58	340.93	-505.68	-154.44	-10.31	417.13
423	22	495	3.87	-0.35	-25.85	-24.32	-1.89	6.07	192.16	-359.38	-158.74	-8.48	265.34
		496	4.00	0.57	-25.69	-24.20	-0.91	6.07	203.30	-372.23	-158.92	-10.01	277.97
		448	3.84	1.60	-20.33	-18.49	-0.23	6.07	216.34	-351.53	-128.80	-6.39	277.26
		447	3.70	0.70	-20.52	-18.61	-1.20	6.07	205.03	-338.51	-128.62	-4.86	264.63
423	25	495	3.83	-0.24	-22.34	-20.92	-1.65	5.41	191.73	-366.30	-165.15	-9.42	267.93
		496	3.96	0.57	-22.19	-20.82	-0.80	5.41	203.28	-379.54	-165.33	-10.93	280.99
		448	3.82	1.34	-18.21	-16.58	-0.29	5.41	216.71	-358.08	-134.18	-7.19	280.30
		447	3.68	0.55	-18.37	-16.68	-1.14	5.41	204.99	-344.66	-133.99	-5.68	267.23
424	6	496	6.13	-1.99	-73.05	-70.20	-4.84	13.94	358.62	-446.38	-89.86	2.10	399.86
		497	6.22	0.57	-72.65	-69.89	-2.19	13.94	362.82	-455.71	-90.41	-2.48	406.90
		449	5.82	4.93	-47.78	-43.79	0.94	13.94	369.38	-443.48	-73.63	-0.46	404.78
		448	5.74	2.47	-48.28	-44.10	-1.70	13.94	365.13	-434.10	-73.09	4.12	397.75
424	19	496	7.66	-2.14	-120.65	-115.83	-6.96	23.42	412.62	-470.21	-60.37	2.78	440.29
		497	7.72	1.89	-120.01	-115.33	-2.79	23.42	415.83	-472.82	-60.30	3.31	443.19
		449	7.06	9.05	-79.33	-72.62	2.34	23.42	419.74	-468.99	-53.39	4.14	443.43

		448	7.01	5.17	-80.12	-73.12	-1.83	23.42	416.53	-466.38	-53.45	3.61	440.53
424	22	496	4.30	-1.04	-42.04	-40.24	-2.84	8.40	250.56	-340.98	-88.82	-1.59	292.53
		497	4.37	0.48	-41.79	-40.05	-1.26	8.40	255.35	-349.00	-89.17	-4.48	299.19
		449	4.16	2.78	-28.90	-26.49	0.37	8.40	262.02	-337.89	-73.30	-2.57	297.86
		448	4.08	1.31	-29.20	-26.68	-1.21	8.40	257.18	-329.82	-72.95	0.31	291.20
424	25	496	4.24	-0.85	-36.80	-35.14	-2.52	7.55	249.77	-350.23	-97.65	-2.81	296.22
		497	4.32	0.51	-36.58	-34.97	-1.10	7.55	255.12	-358.69	-97.98	-5.59	303.41
		449	4.14	2.41	-26.02	-23.85	0.23	7.55	262.40	-346.78	-80.85	-3.53	302.13
		448	4.06	1.09	-26.29	-24.02	-1.18	7.55	256.99	-338.26	-80.51	-0.75	294.94
425	6	497	6.23	-3.43	-108.89	-105.82	-6.50	17.74	501.22	-320.40	153.97	26.85	405.86
		498	6.10	0.61	-108.29	-105.32	-2.36	17.74	482.29	-315.49	152.47	14.33	392.87
		450	5.64	7.86	-63.95	-59.26	3.17	17.74	457.09	-324.99	121.48	10.61	387.09
		449	5.78	3.96	-64.70	-59.76	-0.98	17.74	476.25	-330.13	122.98	23.13	400.09
425	19	497	8.26	-4.78	-183.93	-178.36	-10.35	31.09	545.71	-334.29	179.35	32.07	433.79
		498	8.11	1.77	-182.94	-177.55	-3.62	31.09	525.11	-314.17	179.30	31.65	413.09
		450	7.07	14.36	-107.37	-98.83	5.82	31.09	494.01	-338.34	129.94	25.72	412.90
		449	7.26	8.07	-108.61	-99.64	-0.91	31.09	514.77	-358.62	129.99	26.15	433.60
425	22	497	4.39	-1.90	-63.72	-61.76	-3.86	10.83	344.50	-259.89	69.99	14.62	300.92
		498	4.32	0.56	-63.35	-61.46	-1.33	10.83	333.88	-257.28	69.13	7.46	293.97
		450	4.08	4.59	-39.00	-36.12	1.71	10.83	320.63	-262.61	52.55	5.47	290.66
		449	4.16	2.21	-39.46	-36.43	-0.82	10.83	331.33	-265.30	53.40	12.63	297.62
425	25	497	4.34	-1.63	-56.34	-54.52	-3.45	9.80	342.09	-271.47	57.54	13.07	305.97
		498	4.27	0.60	-56.00	-54.25	-1.15	9.80	332.31	-269.34	56.72	6.25	299.76
		450	4.08	4.06	-35.28	-32.66	1.44	9.80	320.41	-274.01	41.92	4.48	296.62
		449	4.15	1.90	-35.70	-32.94	-0.86	9.80	330.25	-276.22	42.74	11.30	302.83
426	6	498	9.49	-4.81	-152.37	-149.52	-7.66	20.31	824.32	-84.87	663.77	75.69	346.69
		266	9.38	-0.19	-151.73	-148.95	-2.96	20.31	781.22	-50.17	662.86	68.18	290.50
		267	6.33	10.70	-79.96	-75.15	5.89	20.31	663.61	-82.63	528.88	52.10	287.04
		450	6.51	6.22	-80.75	-75.72	1.19	20.31	710.71	-121.32	529.78	59.61	343.23
426	17	498	12.30	-7.12	-250.02	-244.23	-12.91	37.05	800.14	-30.26	685.43	84.45	286.53
		266	12.35	-0.09	-249.01	-243.37	-5.73	37.05	780.63	-12.11	685.29	83.23	257.85
		267	7.95	19.60	-126.50	-116.41	9.51	37.05	719.61	-27.68	616.92	75.02	257.29
		450	7.90	12.88	-127.82	-117.27	2.33	37.05	740.22	-46.92	617.06	76.24	285.96
426	22	498	5.96	-2.75	-90.02	-88.23	-4.54	12.37	552.94	-91.38	412.85	48.71	265.78
		266	5.86	0.70	-89.53	-87.80	-1.02	12.37	520.15	-69.86	411.64	38.65	228.58
		267	4.12	6.82	-49.26	-46.38	3.95	12.37	443.60	-92.66	322.93	28.01	223.93
		450	4.28	3.47	-49.85	-46.81	0.43	12.37	478.85	-116.64	324.14	38.07	261.14
426	25	498	5.63	-2.40	-79.99	-78.35	-4.04	11.18	545.94	-102.24	396.65	47.05	272.90
		266	5.52	1.07	-79.51	-77.93	-0.52	11.18	512.20	-81.86	395.22	35.12	236.24
		267	3.99	6.34	-44.83	-42.25	3.76	11.18	436.93	-104.50	307.81	24.63	230.74
		450	4.16	2.98	-45.41	-42.68	0.24	11.18	473.05	-127.25	309.24	36.56	267.40
427	5	490	1.28	1.96	8.46e-03	0.34	1.63	-0.73	99.33	-116.19	-39.66	22.81	103.13
		442	1.35	1.18	-0.34	0.22	0.62	-0.73	116.94	-111.30	-37.25	42.89	106.85
		451	1.44	1.09	-0.49	4.77e-03	0.59	-0.73	129.41	-113.84	-28.38	43.95	116.12
		499	1.37	1.90	-0.18	0.13	1.60	-0.73	112.22	-119.13	-30.79	23.87	112.40
427	19	490	1.89	7.26	-0.09	-0.04	7.21	-0.63	38.27	-240.84	-61.75	-140.82	133.84
		442	1.84	3.18	-0.64	-0.53	3.07	-0.63	65.22	-228.11	-57.50	-105.39	144.70
		451	2.02	3.13	-0.98	-0.89	3.03	-0.63	97.93	-231.83	-31.62	-102.28	161.05
		499	2.06	7.22	-0.44	-0.39	7.17	-0.63	71.80	-245.39	-35.87	-137.71	150.20
427	21	490	0.91	1.45	6.35e-03	0.25	1.20	-0.54	71.37	-81.96	-28.07	17.48	73.20
		442	0.96	0.88	-0.25	0.17	0.47	-0.54	83.85	-78.47	-26.36	31.74	75.78
		451	1.03	0.81	-0.37	-6.35e-03	0.45	-0.54	92.61	-80.34	-20.21	32.48	82.36
		499	0.97	1.41	-0.14	0.08	1.18	-0.54	80.42	-84.11	-21.92	18.22	79.78
427	24	490	0.91	1.45	6.35e-03	0.25	1.20	-0.54	71.37	-81.96	-28.07	17.48	73.20
		442	0.96	0.88	-0.25	0.17	0.47	-0.54	83.85	-78.47	-26.36	31.74	75.78
		451	1.03	0.81	-0.37	-6.35e-03	0.45	-0.54	92.61	-80.34	-20.21	32.48	82.36
		499	0.97	1.41	-0.14	0.08	1.18	-0.54	80.42	-84.11	-21.92	18.22	79.78
428	5	442	1.98	1.83	-0.46	0.70	0.67	-1.14	120.47	-207.22	-119.73	32.99	144.96
		443	2.24	1.36	-1.09	0.58	-0.31	-1.14	151.25	-222.95	-118.12	46.42	168.05
		452	2.19	1.00	-1.33	0.04	-0.38	-1.14	178.63	-188.69	-63.08	53.02	174.25
		451	1.91	1.55	-0.78	0.16	0.61	-1.14	147.35	-172.45	-64.69	39.59	151.16
428	19	442	2.49	3.07	-2.17	-2.00	2.90	0.93	55.24	-333.28	-160.30	-117.73	193.09
		443	2.78	0.39	-2.66	-2.34	0.07	0.93	108.63	-340.37	-155.35	-76.40	221.00
		452	2.89	0.40	-2.59	-2.26	0.08	0.93	161.69	-318.90	-88.80	-68.41	240.08
		451	2.59	3.08	-2.10	-1.92	2.91	0.93	110.57	-314.07	-93.76	-109.74	212.17
428	21	442	1.41	1.38	-0.34	0.52	0.51	-0.86	86.41	-146.57	-84.88	24.72	102.80
		443	1.60	1.04	-0.79	0.44	-0.19	-0.86	108.21	-157.71	-83.74	34.24	119.16
		452	1.56	0.75	-0.99	-3.14e-04	-0.24	-0.86	127.53	-133.34	-44.73	38.92	123.55
		451	1.36	1.16	-0.61	0.08	0.46	-0.86	105.37	-121.84	-45.87	29.40	107.19
428	24	442	1.41	1.38	-0.34	0.52	0.51	-0.86	86.41	-146.57	-84.88	24.72	102.80
		443	1.60	1.04	-0.79	0.44	-0.19	-0.86	108.21	-157.71	-83.74	34.24	119.16
		452	1.56	0.75	-0.99	-3.14e-04	-0.24	-0.86	127.53	-133.34	-44.73	38.92	123.55
		451	1.36	1.16	-0.61	0.08	0.46	-0.86	105.37	-121.84	-45.87	29.40	107.19
429	6	443	2.73	0.93	-7.34	-3.23	-3.17	4.13	157.12	-272.00	-161.37	46.49	187.71
		444	3.05	0.71	-7.56	-3.28	-3.57	4.13	188.10	-297.46	-160.78	51.42	218.37
		453	2.91	1.13	-7.19	-2.58	-3.49	4.13	218.96	-246.45	-87.68	60.19	220.64
		452	2.57	1.33	-6.95	-2.53	-3.08	4.13	186.58	-219.60	-88.27	55.26	189.99

429	19	443	3.51	2.88	-8.99	-5.76	-0.34	5.28	109.20	-409.37	-216.44	-83.73	250.65
		444	3.89	2.17	-9.34	-5.88	-1.30	5.28	160.18	-432.93	-213.50	-59.24	286.35
		453	3.85	2.38	-8.94	-5.33	-1.23	5.28	211.59	-388.98	-128.37	-49.03	297.65
		452	3.45	3.08	-8.57	-5.22	-0.28	5.28	161.13	-365.95	-131.31	-73.51	261.95
429	22	443	1.92	0.48	-4.18	-1.80	-1.90	2.33	112.06	-194.61	-116.06	33.51	133.86
		444	2.15	0.35	-4.31	-1.83	-2.13	2.33	133.83	-213.12	-115.71	36.42	155.91
		453	2.04	0.42	-4.25	-1.71	-2.12	2.33	155.71	-176.13	-63.14	42.73	157.25
		452	1.80	0.55	-4.11	-1.68	-1.88	2.33	132.90	-156.57	-63.49	39.82	135.20
429	25	443	1.91	0.39	-3.63	-1.53	-1.70	2.01	111.86	-195.88	-117.06	33.04	134.32
		444	2.14	0.28	-3.75	-1.56	-1.92	2.01	133.50	-214.68	-116.75	35.58	156.54
		453	2.03	0.26	-3.77	-1.59	-1.92	2.01	155.41	-177.25	-63.78	41.93	157.71
		452	1.79	0.37	-3.64	-1.56	-1.71	2.01	132.70	-157.38	-64.08	39.40	135.49
430	6	444	3.69	2.39	-13.55	-7.12	-4.03	7.82	208.08	-343.40	-183.96	48.64	250.01
		445	4.03	2.40	-13.54	-7.12	-4.01	7.82	237.75	-373.12	-183.97	48.60	282.43
		454	3.86	3.26	-12.46	-5.40	-3.81	7.82	269.76	-318.55	-106.67	57.88	282.42
		453	3.50	3.25	-12.47	-5.40	-3.82	7.82	238.82	-287.57	-106.66	57.91	250.00
430	19	444	4.70	5.09	-19.17	-12.04	-2.04	11.05	185.35	-480.95	-233.91	-61.69	321.83
		445	5.09	4.92	-19.26	-12.07	-2.26	11.05	232.62	-506.14	-231.55	-41.98	357.01
		454	5.01	5.78	-17.69	-9.90	-2.00	11.05	280.87	-460.44	-147.66	-31.91	366.11
		453	4.61	5.94	-17.60	-9.88	-1.78	11.05	233.74	-435.39	-150.02	-51.62	330.93
430	22	444	2.58	1.38	-7.91	-4.12	-2.41	4.57	147.75	-247.21	-133.71	34.26	178.73
		445	2.82	1.41	-7.89	-4.11	-2.36	4.57	168.69	-268.91	-133.79	33.57	202.16
		454	2.70	1.63	-7.60	-3.66	-2.30	4.57	191.50	-229.14	-77.92	40.28	201.85
		453	2.44	1.60	-7.63	-3.67	-2.35	4.57	169.61	-206.48	-77.84	40.96	178.41
430	25	444	2.56	1.22	-6.98	-3.60	-2.16	4.03	147.28	-249.59	-135.62	33.31	179.56
		445	2.81	1.26	-6.95	-3.59	-2.09	4.03	168.14	-271.65	-135.75	32.23	203.23
		454	2.68	1.32	-6.87	-3.47	-2.08	4.03	191.03	-231.34	-79.32	39.01	202.73
		453	2.42	1.27	-6.90	-3.48	-2.15	4.03	169.18	-208.29	-79.19	40.08	179.06
431	6	445	4.69	3.79	-21.49	-12.99	-4.72	11.94	263.25	-410.41	-194.50	47.34	314.37
		446	5.03	3.63	-21.59	-13.01	-4.94	11.94	290.50	-442.95	-195.06	42.61	346.94
		455	4.82	5.75	-18.46	-8.33	-4.38	11.94	322.26	-387.74	-117.41	51.93	344.76
		454	4.46	5.89	-18.35	-8.30	-4.16	11.94	293.93	-354.12	-116.84	56.66	312.19
431	19	445	5.91	7.51	-32.38	-21.47	-3.39	17.78	265.52	-537.13	-229.84	-41.77	390.16
		446	6.27	7.03	-32.61	-21.55	-4.02	17.78	307.70	-561.63	-227.94	-25.99	422.77
		455	6.15	9.76	-27.60	-14.64	-3.20	17.78	351.80	-518.62	-150.16	-16.66	430.06
		454	5.78	10.20	-27.33	-14.57	-2.56	17.78	309.67	-494.17	-152.06	-32.44	397.44
431	22	445	3.27	2.25	-12.68	-7.65	-2.78	7.06	186.44	-297.38	-143.36	32.42	225.38
		446	3.52	2.15	-12.74	-7.66	-2.92	7.06	205.84	-321.37	-143.86	28.33	249.15
		455	3.37	3.01	-11.44	-5.74	-2.69	7.06	228.69	-280.73	-87.17	35.13	247.26
		454	3.11	3.10	-11.37	-5.73	-2.55	7.06	208.46	-255.91	-86.68	39.23	223.49
431	25	445	3.24	2.01	-11.26	-6.77	-2.47	6.28	185.74	-301.08	-146.31	30.97	226.70
		446	3.49	1.93	-11.31	-6.78	-2.60	6.28	205.18	-325.51	-146.84	26.51	250.79
		455	3.35	2.49	-10.43	-5.50	-2.44	6.28	228.21	-284.20	-89.39	33.41	248.74
		454	3.08	2.57	-10.38	-5.48	-2.32	6.28	207.91	-258.91	-88.86	37.86	224.65
432	6	446	5.70	4.92	-31.92	-21.09	-5.91	16.79	321.90	-468.78	-190.09	43.21	377.74
		447	6.03	4.50	-32.14	-21.15	-6.48	16.79	346.87	-501.52	-190.93	36.27	408.70
		456	5.78	8.91	-25.14	-10.97	-5.26	16.79	377.55	-449.51	-117.09	45.13	405.50
		455	5.44	9.27	-24.87	-10.90	-4.69	16.79	351.78	-415.97	-116.26	52.07	374.53
432	19	446	7.12	9.60	-49.79	-34.59	-5.59	25.91	346.74	-575.82	-205.75	-23.33	452.17
		447	7.43	8.50	-50.28	-34.77	-7.02	25.91	383.32	-596.77	-204.08	-9.37	480.28
		456	7.26	14.91	-38.67	-18.68	-5.09	25.91	422.24	-560.63	-137.06	-1.33	486.72
		455	6.94	15.87	-38.04	-18.51	-3.66	25.91	385.74	-539.77	-138.74	-15.29	458.62
432	22	446	3.98	2.95	-19.01	-12.55	-3.51	10.01	227.66	-342.58	-143.31	28.39	271.89
		447	4.22	2.65	-19.16	-12.60	-3.91	10.01	245.74	-367.20	-144.01	22.55	294.94
		456	4.05	4.73	-15.75	-7.70	-3.32	10.01	268.20	-328.11	-89.05	29.15	292.24
		455	3.80	5.00	-15.57	-7.65	-2.92	10.01	249.48	-302.84	-88.35	34.99	269.19
432	25	446	3.93	2.65	-16.96	-11.19	-3.12	8.94	226.88	-347.84	-147.41	26.44	273.89
		447	4.18	2.36	-17.11	-11.23	-3.52	8.94	245.15	-373.02	-148.15	20.28	297.39
		456	4.02	3.95	-14.45	-7.44	-3.06	8.94	267.94	-333.07	-92.13	27.00	294.54
		455	3.76	4.22	-14.28	-7.39	-2.67	8.94	249.00	-307.22	-91.39	33.17	271.05
433	6	447	6.67	5.87	-45.33	-31.71	-7.75	22.62	387.64	-504.84	-157.49	40.29	435.15
		448	6.94	5.43	-45.54	-31.78	-8.32	22.62	408.08	-532.17	-158.23	34.13	460.18
		457	6.68	13.47	-32.27	-12.75	-6.04	22.62	434.03	-491.28	-98.54	41.30	457.34
		456	6.40	13.84	-31.98	-12.68	-5.46	22.62	413.19	-463.55	-97.80	47.45	432.31
433	19	447	8.31	11.45	-72.61	-52.07	-9.09	36.12	430.06	-586.98	-153.60	-3.31	502.94
		448	8.54	10.01	-73.23	-52.29	-10.93	36.12	458.79	-599.47	-151.86	11.18	522.81
		457	8.31	22.74	-50.80	-20.90	-7.16	36.12	489.16	-576.77	-104.48	16.87	529.50
		456	8.08	23.93	-49.93	-20.68	-5.33	36.12	460.59	-564.43	-106.22	2.37	509.63
433	22	447	4.66	3.55	-27.26	-19.03	-4.68	13.63	273.81	-374.04	-125.05	24.83	315.13
		448	4.87	3.20	-27.42	-19.08	-5.14	13.63	289.22	-395.64	-125.72	19.30	334.66
		457	4.70	7.32	-20.45	-9.18	-3.95	13.63	309.03	-363.29	-79.15	24.88	332.11
		456	4.48	7.61	-20.23	-9.12	-3.49	13.63	293.25	-341.33	-78.49	30.41	312.58
433	25	447	4.61	3.20	-24.46	-17.05	-4.22	12.26	273.06	-381.30	-130.63	22.38	318.11
		448	4.83	2.85	-24.63	-17.10	-4.68	12.26	288.87	-403.66	-131.33	16.54	338.28
		457	4.66	6.20	-18.87	-8.97	-3.70	12.26	309.25	-370.17	-83.23	22.31	335.59
		456	4.44	6.50	-18.65	-8.91	-3.24	12.26	293.04	-347.42	-82.53	28.15	315.42
434	6	448	7.46	6.76	-61.78	-45.09	-9.92	29.41	468.60	-491.85	-68.19	44.94	476.88

		449	7.59	7.22	-61.58	-45.02	-9.34	29.41	478.40	-504.88	-68.53	42.06	488.52
		458	7.36	20.36	-38.95	-13.08	-5.51	29.41	491.40	-486.79	-40.78	45.39	487.19
		457	7.23	20.01	-39.24	-13.15	-6.09	29.41	481.53	-473.70	-40.43	48.27	475.55
434	19	448	9.37	13.34	-101.47	-74.53	-13.60	48.65	521.04	-548.86	-51.09	23.28	533.66
		449	9.43	13.17	-101.54	-74.55	-13.81	48.65	537.24	-543.57	-48.79	42.46	538.47
		458	9.18	35.33	-62.83	-20.21	-7.29	48.65	552.10	-545.56	-37.31	43.84	547.33
		457	9.12	35.46	-62.72	-20.18	-7.08	48.65	535.99	-550.94	-39.61	24.65	542.51
434	22	448	5.24	4.15	-37.54	-27.27	-6.12	17.96	329.95	-373.82	-69.87	26.00	348.60
		449	5.36	4.38	-37.44	-27.24	-5.83	17.96	338.82	-386.22	-70.25	22.85	359.52
		458	5.21	11.43	-25.01	-9.83	-3.74	17.96	350.66	-368.90	-44.21	25.97	358.07
		457	5.09	11.25	-25.15	-9.87	-4.03	17.96	341.70	-356.41	-43.84	29.12	347.15
434	25	448	5.19	3.77	-33.89	-24.54	-5.57	16.26	329.16	-383.84	-77.66	22.98	352.93
		449	5.32	3.95	-33.81	-24.52	-5.34	16.26	338.74	-397.22	-78.07	19.59	364.72
		458	5.18	9.88	-23.23	-9.77	-3.57	16.26	351.49	-378.47	-49.94	22.96	363.16
		457	5.04	9.74	-23.34	-9.80	-3.80	16.26	341.81	-364.99	-49.54	26.36	351.36
435	6	449	7.76	7.67	-79.92	-60.99	-11.26	36.05	581.70	-387.96	128.09	65.65	483.83
		450	7.62	10.86	-78.73	-60.52	-7.35	36.05	570.49	-372.16	128.58	69.75	470.40
		459	7.54	29.62	-43.25	-12.10	-1.54	36.05	553.79	-391.30	96.57	65.91	472.30
		458	7.69	27.22	-45.23	-12.57	-5.45	36.05	564.97	-407.08	96.08	61.81	485.72
435	19	449	9.96	15.44	-134.07	-101.58	-17.06	61.67	629.33	-430.27	134.59	64.47	528.64
		450	9.84	19.56	-132.52	-100.97	-11.99	61.67	631.74	-396.78	138.44	96.52	513.83
		459	9.68	52.65	-71.60	-17.03	-1.92	61.67	626.36	-430.95	103.14	92.28	528.63
		458	9.84	49.59	-74.21	-17.64	-6.98	61.67	623.54	-464.02	99.29	60.23	543.43
435	22	449	5.50	4.81	-49.00	-37.17	-7.02	22.28	406.65	-312.14	56.46	38.05	359.28
		450	5.44	6.83	-48.23	-36.87	-4.53	22.28	401.63	-304.74	56.71	40.18	353.09
		459	5.38	17.13	-28.25	-9.84	-1.28	22.28	394.25	-313.90	41.95	38.41	354.07
		458	5.45	15.55	-29.47	-10.14	-3.78	22.28	399.26	-321.28	41.69	36.28	360.26
435	25	449	5.45	4.42	-44.46	-33.61	-6.43	20.31	405.43	-325.50	45.51	34.42	365.42
		450	5.40	6.29	-43.74	-33.33	-4.12	20.31	401.15	-319.11	45.74	36.30	360.10
		459	5.35	15.08	-26.47	-10.07	-1.33	20.31	394.88	-327.06	33.04	34.78	360.97
		458	5.41	13.59	-27.58	-10.35	-3.64	20.31	399.15	-333.44	32.82	32.89	366.29
436	6	450	7.21	8.23	-94.54	-76.98	-9.32	38.68	802.84	-147.21	536.88	118.75	426.54
		267	6.25	17.87	-91.64	-75.64	1.87	38.68	730.19	-67.68	537.61	124.89	341.42
		273	6.40	38.66	-41.76	-12.54	9.44	38.68	581.20	-146.02	334.64	100.54	344.25
		459	7.36	31.33	-46.97	-13.89	-1.75	38.68	659.91	-231.62	333.90	94.39	429.38
436	19	450	9.45	16.60	-159.61	-127.80	-15.21	67.78	832.67	-183.09	508.64	140.94	473.43
		267	8.75	33.69	-154.27	-125.40	4.81	67.78	778.56	-94.97	512.29	171.31	402.12
		273	8.88	70.56	-69.31	-16.61	17.87	67.78	673.56	-180.42	342.23	150.90	416.13
		459	9.65	57.72	-78.88	-19.01	-2.15	67.78	729.06	-269.93	338.59	120.54	487.45
436	22	450	5.17	5.38	-58.74	-47.55	-5.81	24.34	548.41	-147.34	328.30	72.77	323.56
		267	4.53	11.45	-56.89	-46.71	1.27	24.34	498.54	-91.69	328.92	77.92	267.10
		273	4.59	23.11	-28.21	-10.69	5.59	24.34	405.53	-149.48	194.29	61.77	269.48
		459	5.23	18.34	-31.36	-11.54	-1.49	24.34	458.21	-207.92	193.67	56.62	325.94
436	25	450	5.14	5.06	-53.72	-43.34	-5.32	22.41	543.49	-162.05	313.06	68.38	330.88
		267	4.51	10.66	-52.00	-42.56	1.22	22.41	493.85	-106.70	313.67	73.48	275.22
		273	4.56	20.75	-26.87	-11.11	5.00	22.41	403.59	-165.10	180.94	57.55	277.57
		459	5.19	16.28	-29.72	-11.90	-1.55	22.41	455.70	-222.92	180.33	52.45	333.23
437	5	499	2.58	4.77	0.13	0.47	4.44	-1.20	351.80	-43.40	3.00	305.40	127.22
		451	2.48	1.28	-1.13	-0.04	0.19	-1.20	344.49	-40.61	2.51	301.37	121.44
		460	2.50	1.51	-0.89	0.37	0.24	-1.20	340.38	-51.94	-11.28	299.72	119.58
		500	2.59	4.85	0.52	0.88	4.49	-1.20	347.59	-54.65	-10.80	303.74	125.36
437	18	499	3.51	0.25	-7.58	0.23	-7.56	-0.34	502.48	31.33	31.34	502.46	2.45
		451	3.20	0.56	-5.04	0.54	-5.02	-0.34	466.54	26.72	27.00	466.27	-10.91
		460	3.29	0.89	-5.00	0.87	-4.98	-0.34	464.07	-6.50	-4.88	462.45	-27.62
		500	3.59	0.58	-7.54	0.56	-7.53	-0.34	499.05	-0.94	-0.53	498.64	-14.26
437	21	499	1.85	3.48	0.09	0.33	3.24	-0.86	252.53	-30.29	2.29	219.95	90.29
		451	1.77	0.95	-0.80	-0.04	0.19	-0.86	247.23	-28.31	1.94	216.99	86.13
		460	1.79	1.10	-0.63	0.25	0.22	-0.86	244.28	-36.46	-7.98	215.80	84.76
		500	1.86	3.53	0.36	0.62	3.28	-0.86	249.51	-38.37	-7.62	218.76	88.92
437	24	499	1.85	3.48	0.09	0.33	3.24	-0.86	252.53	-30.29	2.29	219.95	90.29
		451	1.77	0.95	-0.80	-0.04	0.19	-0.86	247.23	-28.31	1.94	216.99	86.13
		460	1.79	1.10	-0.63	0.25	0.22	-0.86	244.28	-36.46	-7.98	215.80	84.76
		500	1.86	3.53	0.36	0.62	3.28	-0.86	249.51	-38.37	-7.62	218.76	88.92
438	6	451	2.78	0.67	-5.34	-0.89	-3.78	2.63	351.59	-101.65	-34.69	284.64	160.82
		452	3.02	-0.25	-8.02	-1.27	-7.00	2.63	379.56	-110.24	-32.61	301.94	178.87
		461	3.01	1.27	-7.65	0.41	-6.80	2.63	397.34	-79.82	10.42	307.10	186.86
		460	2.75	2.03	-4.81	0.80	-3.58	2.63	368.85	-70.70	8.35	289.80	168.81
438	19	451	2.98	3.91	-3.20	-1.95	2.66	2.70	169.48	-311.16	-87.13	-54.54	239.77
		452	3.25	-0.15	-5.58	-2.64	-3.08	2.70	226.53	-306.73	-80.54	0.35	263.54
		461	3.50	1.09	-4.71	-0.76	-2.86	2.70	280.95	-297.65	-23.85	7.15	288.88
		460	3.22	4.49	-1.68	-0.07	2.89	2.70	226.16	-304.33	-30.44	-47.74	265.10
438	22	451	1.98	0.33	-3.08	-0.55	-2.20	1.49	253.00	-70.78	-24.26	206.48	113.57
		452	2.15	-0.26	-4.86	-0.80	-4.32	1.49	271.51	-77.25	-22.97	217.23	126.42
		461	2.14	0.70	-4.64	0.24	-4.19	1.49	283.50	-54.91	7.68	220.91	131.39
		460	1.95	1.18	-2.76	0.50	-2.08	1.49	264.58	-48.03	6.39	210.16	118.53
438	25	451	1.98	0.26	-2.67	-0.48	-1.93	1.27	253.51	-70.41	-24.20	207.30	113.28
		452	2.15	-0.28	-4.39	-0.72	-3.95	1.27	271.16	-77.12	-23.03	217.07	126.14

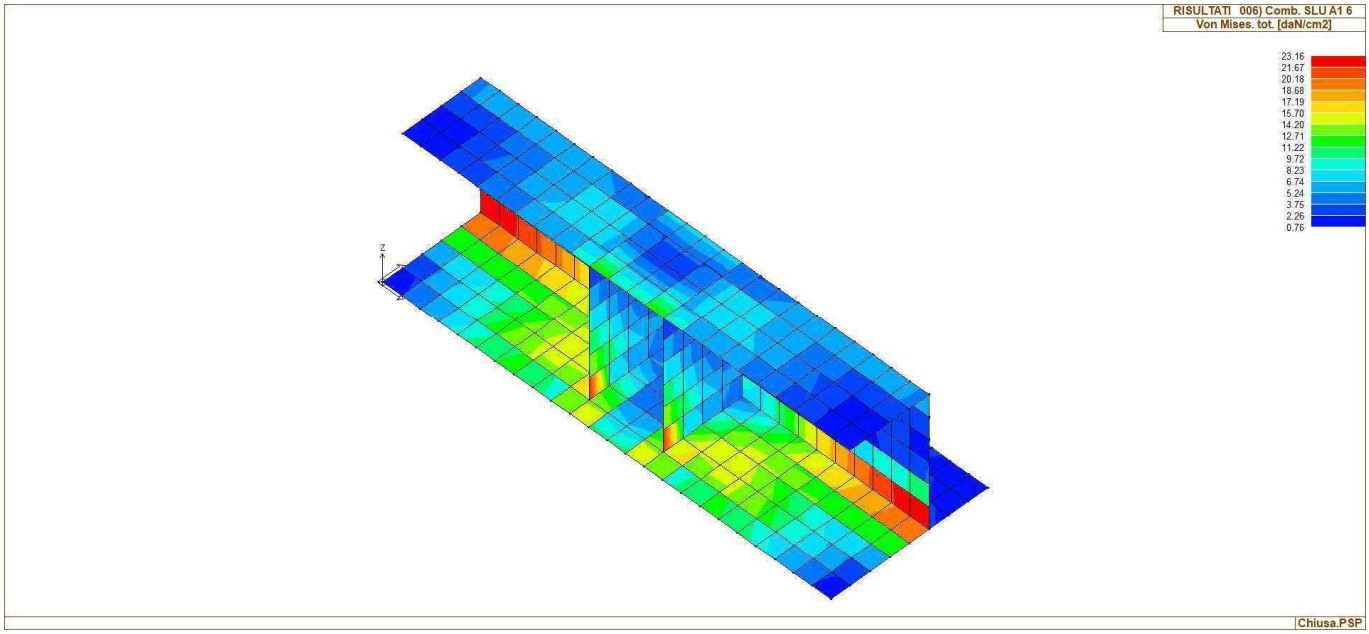
		461	2.13	0.61	-4.20	0.25	-3.83	1.27	282.79	-54.40	7.64	220.76	130.65
		460	1.95	1.05	-2.38	0.49	-1.82	1.27	264.71	-47.26	6.47	210.98	117.79
439	6	452	3.37	2.11	-12.34	-3.03	-7.21	6.92	386.03	-146.32	-59.05	298.76	197.08
		453	3.63	1.92	-12.65	-3.08	-7.65	6.92	414.16	-162.63	-57.78	309.32	222.44
		462	3.56	2.77	-12.16	-1.89	-7.51	6.92	435.86	-116.60	2.68	316.57	227.31
		461	3.29	2.94	-11.84	-1.84	-7.07	6.92	406.66	-99.23	1.41	306.02	201.96
439	19	452	3.93	4.55	-13.58	-5.59	-3.44	9.00	227.58	-355.38	-123.06	-4.75	285.41
		453	4.29	3.68	-14.34	-5.77	-4.90	9.00	287.34	-363.20	-117.49	41.64	315.39
		462	4.44	4.37	-13.63	-4.51	-4.74	9.00	342.32	-338.12	-46.02	50.21	336.80
		461	4.09	5.20	-12.83	-4.34	-3.29	9.00	284.20	-331.96	-51.58	3.82	306.83
439	22	452	2.38	1.18	-7.63	-1.99	-4.46	4.23	276.04	-103.63	-42.48	214.89	139.56
		453	2.57	1.11	-7.74	-2.01	-4.63	4.23	294.76	-115.81	-41.78	220.73	157.84
		462	2.51	1.45	-7.54	-1.52	-4.57	4.23	309.68	-81.90	1.82	225.96	160.54
		461	2.32	1.52	-7.42	-1.49	-4.40	4.23	290.14	-68.90	1.12	220.12	142.26
439	25	452	2.37	1.02	-6.95	-1.85	-4.09	3.82	275.65	-104.02	-43.05	214.67	139.40
		453	2.55	0.98	-7.02	-1.86	-4.18	3.82	293.50	-116.62	-42.48	219.36	157.83
		462	2.49	1.21	-6.88	-1.53	-4.14	3.82	308.11	-82.02	1.45	224.63	159.99
		461	2.30	1.25	-6.81	-1.52	-4.05	3.82	289.41	-68.57	0.89	219.95	141.57
440	6	453	4.18	4.05	-17.94	-5.90	-7.99	10.94	431.72	-201.45	-76.77	307.04	251.80
		454	4.43	3.77	-18.27	-5.96	-8.54	10.94	450.81	-224.37	-77.18	303.62	278.78
		400	4.28	5.38	-17.03	-3.42	-8.24	10.94	470.36	-171.86	-12.84	311.34	277.20
		462	4.02	5.64	-16.67	-3.36	-7.68	10.94	450.12	-147.78	-12.42	314.76	250.22
440	19	453	5.08	7.65	-23.41	-10.32	-5.44	15.34	309.82	-409.92	-139.14	39.04	348.67
		454	5.45	6.88	-24.03	-10.47	-6.68	15.34	363.62	-424.16	-134.90	74.36	379.74
		400	5.53	8.53	-22.17	-7.34	-6.30	15.34	413.77	-391.32	-60.81	83.25	396.05
		462	5.16	9.25	-21.50	-7.19	-5.07	15.34	360.76	-377.88	-65.05	47.93	364.97
440	22	453	2.94	2.33	-11.16	-3.97	-4.86	6.73	307.10	-144.61	-56.47	218.97	179.01
		454	3.12	2.20	-11.31	-4.00	-5.12	6.73	319.83	-161.73	-56.95	215.05	198.69
		400	3.00	2.89	-10.74	-2.87	-4.98	6.73	333.51	-122.84	-10.01	220.68	196.88
		462	2.82	3.01	-10.58	-2.84	-4.73	6.73	319.91	-104.84	-9.54	224.60	177.19
440	25	453	2.91	2.05	-10.21	-3.75	-4.41	6.12	305.79	-146.18	-57.90	217.51	179.18
		454	3.09	1.95	-10.32	-3.77	-4.59	6.12	317.88	-163.89	-58.50	212.49	199.16
		400	2.98	2.44	-9.89	-2.96	-4.49	6.12	331.42	-124.06	-10.85	218.21	196.85
		462	2.79	2.53	-9.78	-2.94	-4.31	6.12	318.41	-105.43	-10.25	223.23	176.86
441	6	454	4.99	6.25	-24.01	-8.87	-8.89	15.13	472.46	-257.42	-87.36	302.40	308.56
		455	5.23	5.58	-24.71	-9.02	-10.11	15.13	483.53	-286.70	-89.31	286.14	336.27
		401	5.01	8.73	-22.06	-3.85	-9.49	15.13	500.46	-229.62	-23.23	294.07	328.76
		400	4.76	9.32	-21.29	-3.70	-8.27	15.13	488.21	-199.17	-21.28	310.33	301.05
441	19	454	6.22	11.17	-33.53	-15.13	-7.24	22.00	391.92	-457.40	-139.30	73.83	411.07
		455	6.56	9.66	-34.72	-15.42	-9.65	22.00	437.72	-473.91	-136.17	99.98	440.25
		401	6.57	13.58	-30.42	-8.07	-8.76	22.00	481.57	-439.83	-66.58	108.33	452.32
		400	6.23	14.94	-29.08	-7.78	-6.36	22.00	436.13	-423.67	-69.72	82.18	423.14
441	22	454	3.50	3.62	-15.05	-6.06	-5.36	9.33	335.11	-186.82	-65.71	213.99	220.33
		455	3.67	3.21	-15.45	-6.15	-6.09	9.33	342.86	-208.65	-67.21	201.43	240.83
		401	3.51	4.65	-14.12	-3.69	-5.79	9.33	355.18	-166.22	-18.33	207.29	235.03
		400	3.34	5.02	-13.69	-3.60	-5.07	9.33	346.52	-143.49	-16.83	219.86	214.53
441	25	454	3.47	3.19	-13.81	-5.79	-4.83	8.49	333.17	-189.86	-68.04	211.35	221.08
		455	3.64	2.83	-14.15	-5.86	-5.47	8.49	340.73	-212.40	-69.65	197.98	242.04
		401	3.48	3.91	-13.11	-3.96	-5.24	8.49	353.18	-168.88	-19.67	203.97	235.86
		400	3.30	4.25	-12.74	-3.89	-4.60	8.49	344.67	-145.39	-18.07	217.34	214.91
442	6	455	5.80	8.64	-30.64	-11.59	-10.41	19.63	510.20	-312.08	-88.16	286.28	366.04
		456	6.01	7.51	-31.75	-11.83	-12.41	19.63	511.85	-346.56	-91.67	256.97	392.21
		402	5.72	13.20	-27.03	-2.54	-11.30	19.63	523.76	-288.57	-29.27	264.46	378.68
		401	5.50	14.14	-25.74	-2.30	-9.30	19.63	521.03	-253.02	-25.75	293.77	352.51
442	19	455	7.30	14.92	-44.31	-19.28	-10.11	29.26	470.55	-493.95	-124.74	101.35	468.81
		456	7.57	12.34	-46.43	-19.79	-14.31	29.26	505.02	-510.12	-122.78	117.67	493.12
		402	7.52	20.45	-38.50	-5.46	-12.59	29.26	539.45	-479.63	-64.81	124.63	500.66
		401	7.25	22.63	-35.99	-4.96	-8.39	29.26	505.09	-463.56	-66.77	108.30	476.35
442	22	455	4.07	4.98	-19.35	-8.06	-6.31	12.13	361.78	-228.89	-68.39	201.28	262.76
		456	4.23	4.22	-20.05	-8.21	-7.61	12.13	363.64	-254.64	-70.95	179.95	282.54
		402	4.02	6.92	-17.59	-3.60	-7.06	12.13	373.01	-211.19	-23.80	185.61	272.69
		401	3.86	7.59	-16.79	-3.45	-5.76	12.13	370.31	-184.60	-21.24	206.94	252.91
442	25	455	4.03	4.38	-17.83	-7.75	-5.69	11.06	359.73	-233.63	-71.64	197.74	264.35
		456	4.19	3.66	-18.47	-7.90	-6.91	11.06	361.92	-260.12	-74.24	176.04	284.74
		402	3.99	5.76	-16.46	-4.23	-6.47	11.06	371.78	-215.54	-25.63	181.87	274.72
		401	3.82	6.40	-15.74	-4.09	-5.25	11.06	368.70	-188.15	-23.02	203.57	254.33
443	6	456	6.55	11.37	-37.53	-13.54	-12.62	24.45	544.10	-357.20	-72.38	259.28	419.02
		457	6.70	10.01	-38.90	-13.83	-15.05	24.45	533.07	-394.09	-77.52	216.50	439.65
		403	6.36	19.81	-31.29	1.71	-13.19	24.45	535.25	-341.18	-28.33	222.40	419.90
		402	6.20	20.89	-29.64	2.00	-10.75	24.45	545.50	-303.52	-23.20	265.19	399.27
443	19	456	8.26	19.35	-55.68	-21.78	-14.54	37.34	541.66	-512.22	-91.94	121.38	516.03
		457	8.42	15.96	-58.75	-22.48	-20.32	37.34	559.58	-525.38	-91.43	125.63	531.51
		403	8.33	31.36	-45.95	2.71	-17.29	37.34	579.18	-503.62	-54.51	130.06	533.48
		402	8.16	34.02	-42.14	3.40	-11.52	37.34	561.22	-490.43	-55.02	125.81	518.00
443	22	456	4.61	6.51	-23.94	-9.64	-7.79	15.20	386.50	-265.67	-60.39	181.22	302.88
		457	4.73	5.54	-24.85	-9.84	-9.47	15.20	379.98	-293.62	-64.09	150.44	319.26
		403	4.49	10.37	-20.75	-1.87	-8.51	15.20	383.13	-253.02	-25.02	155.13	305.05

		402	4.36	11.17	-19.66	-1.67	-6.83	15.20	388.99	-224.41	-21.32	185.91	288.67
443	25	456	4.57	5.71	-22.16	-9.37	-7.08	13.89	384.93	-272.39	-64.65	177.19	305.61
		457	4.70	4.76	-23.03	-9.57	-8.71	13.89	379.20	-301.12	-68.34	146.41	322.77
		403	4.46	8.60	-19.60	-3.08	-7.93	13.89	383.20	-259.30	-27.42	151.32	308.56
		402	4.32	9.40	-18.59	-2.88	-6.30	13.89	388.23	-229.86	-23.73	182.10	291.40
444	6	457	7.13	14.94	-44.26	-14.23	-15.10	29.60	575.73	-371.66	-19.41	223.47	457.86
		458	7.15	14.22	-45.01	-14.39	-16.40	29.60	543.98	-404.85	-26.37	165.49	464.61
		404	6.79	30.61	-33.30	10.70	-13.39	29.60	525.35	-368.20	-10.27	167.43	437.85
		403	6.76	31.13	-32.36	10.86	-12.09	29.60	557.05	-334.97	-3.31	225.40	431.10
444	19	457	9.04	25.67	-67.66	-21.76	-20.23	46.66	603.80	-496.94	-26.56	133.42	544.53
		458	9.03	23.08	-70.28	-22.32	-24.88	46.66	596.09	-504.06	-28.15	120.18	545.05
		404	8.93	50.76	-50.66	19.91	-19.81	46.66	590.67	-497.23	-26.89	120.33	538.94
		403	8.92	52.60	-47.29	20.47	-15.16	46.66	598.38	-490.11	-25.30	133.57	538.42
444	22	457	5.05	8.58	-28.66	-10.53	-9.55	18.61	409.61	-283.70	-28.77	154.68	334.30
		458	5.09	8.03	-29.20	-10.65	-10.52	18.61	388.82	-310.03	-33.82	112.61	341.67
		404	4.82	16.40	-22.60	2.72	-8.92	18.61	378.07	-279.60	-16.25	114.72	322.25
		403	4.77	16.82	-21.93	2.84	-7.95	18.61	398.68	-253.10	-11.20	156.79	314.88
444	25	457	5.02	7.52	-26.73	-10.40	-8.81	17.11	408.87	-293.06	-34.64	150.46	338.54
		458	5.07	6.96	-27.26	-10.52	-9.79	17.11	389.18	-320.25	-39.67	108.60	346.88
		404	4.80	13.80	-21.60	0.64	-8.45	17.11	379.63	-288.42	-19.78	110.99	327.56
		403	4.74	14.24	-20.95	0.76	-7.47	17.11	399.08	-260.99	-14.76	152.84	319.22
445	6	458	7.39	19.85	-50.06	-13.88	-16.34	34.93	610.72	-318.31	110.50	181.92	463.14
		459	7.13	22.14	-47.73	-13.38	-12.21	34.93	551.23	-332.84	102.56	115.82	441.99
		405	6.85	48.04	-29.46	26.06	-7.48	34.93	493.42	-331.54	52.11	109.76	411.47
		404	7.10	46.55	-32.59	25.57	-11.61	34.93	554.44	-318.53	60.04	175.86	432.63
445	19	458	9.56	35.17	-79.49	-19.75	-24.57	57.28	663.85	-418.83	108.45	136.57	541.16
		459	9.26	38.00	-76.57	-19.13	-19.44	57.28	624.83	-406.55	105.58	112.69	515.68
		405	9.31	83.54	-45.88	48.93	-11.27	57.28	580.68	-430.44	44.84	105.40	504.66
		404	9.60	81.75	-49.83	48.32	-16.40	57.28	620.19	-443.21	47.70	129.28	530.13
445	22	458	5.28	11.57	-33.09	-10.95	-10.56	22.33	433.19	-258.18	52.09	122.92	343.86
		459	5.13	13.09	-31.65	-10.64	-7.92	22.33	392.80	-272.37	46.24	74.19	332.29
		405	4.89	26.73	-20.87	11.17	-5.31	22.33	355.66	-266.13	18.65	70.88	309.80
		404	5.03	25.68	-22.77	10.85	-7.94	22.33	396.92	-252.81	24.50	119.61	321.37
445	25	458	5.26	10.24	-31.19	-11.09	-9.85	20.71	432.86	-271.23	43.09	118.53	350.02
		459	5.12	11.66	-29.89	-10.80	-7.43	20.71	393.34	-286.28	37.25	69.82	339.42
		405	4.87	23.04	-20.38	7.85	-5.19	20.71	357.50	-278.73	11.98	66.78	316.93
		404	5.00	22.02	-22.08	7.56	-7.62	20.71	397.81	-264.49	17.83	115.50	327.53
446	6	459	7.06	25.74	-53.34	-15.17	-12.43	39.52	652.97	-168.78	339.89	144.30	399.06
		273	6.39	35.37	-45.38	-13.28	3.28	39.52	566.76	-156.95	331.92	77.89	338.83
		279	6.37	72.56	-14.64	47.37	10.55	39.52	439.19	-190.24	188.30	60.65	308.17
		405	7.02	67.10	-26.77	45.48	-5.15	39.52	531.69	-208.36	196.27	127.06	368.41
446	19	459	9.49	47.22	-88.02	-21.12	-19.68	67.62	725.93	-243.94	341.04	140.95	474.50
		273	8.88	62.91	-74.50	-17.99	6.40	67.62	655.56	-218.07	336.27	101.22	420.71
		279	9.37	128.89	-22.58	87.28	19.03	67.62	553.90	-260.07	208.01	85.83	402.37
		405	9.99	120.11	-43.00	84.15	-7.05	67.62	627.41	-289.08	212.78	125.55	456.16
446	22	459	5.05	15.41	-35.87	-12.34	-8.13	25.56	453.89	-163.53	197.97	92.39	304.16
		273	4.59	21.48	-31.17	-11.18	1.49	25.56	392.52	-156.04	192.19	44.28	264.12
		279	4.45	41.24	-12.73	22.92	5.59	25.56	308.80	-179.24	96.73	32.83	241.92
		405	4.90	37.49	-19.76	21.77	-4.04	25.56	373.88	-190.44	102.50	80.94	281.95
446	25	459	5.03	13.85	-34.13	-12.63	-7.65	23.86	451.45	-179.43	184.54	87.49	311.69
		273	4.57	19.44	-29.93	-11.58	1.09	23.86	389.58	-170.99	178.81	39.78	271.53
		279	4.38	36.03	-13.50	17.90	4.63	23.86	306.68	-195.33	83.06	28.29	249.50
		405	4.83	32.43	-19.69	16.85	-4.11	23.86	372.12	-207.34	88.78	76.00	289.66
447	5	500	5.57	11.49	1.06	1.65	10.90	-2.41	806.47	35.81	48.06	794.22	96.38
		460	5.46	1.11	-4.91	-0.10	-3.70	-2.41	814.88	37.32	49.13	803.08	95.06
		351	5.47	0.68	-5.07	-0.63	-3.76	-2.41	815.48	33.22	45.99	802.70	99.15
		468	5.59	11.40	0.56	1.12	10.84	-2.41	807.09	31.69	44.93	793.85	100.47
447	18	500	6.81	0.36	-9.48	0.33	-9.45	-0.53	1001.41	58.49	59.66	1000.24	-33.14
		460	6.45	0.68	-6.91	0.64	-6.87	-0.53	958.16	52.99	54.44	956.72	-36.16
		351	6.48	0.22	-6.96	0.18	-6.92	-0.53	959.32	43.78	47.25	955.85	-56.25
		468	6.83	-0.10	-9.54	-0.13	-9.51	-0.53	1002.36	49.49	52.48	999.38	-53.24
447	21	500	3.99	8.25	0.76	1.16	7.84	-1.70	577.67	25.84	34.42	569.09	68.27
		460	3.91	0.77	-3.46	-0.09	-2.60	-1.70	583.90	26.93	35.20	575.63	67.37
		351	3.92	0.47	-3.57	-0.45	-2.65	-1.70	584.36	24.08	33.07	575.37	70.39
		468	4.00	8.19	0.41	0.80	7.79	-1.70	578.14	22.97	32.28	568.83	71.29
447	24	500	3.99	8.25	0.76	1.16	7.84	-1.70	577.67	25.84	34.42	569.09	68.27
		460	3.91	0.77	-3.46	-0.09	-2.60	-1.70	583.90	26.93	35.20	575.63	67.37
		351	3.92	0.47	-3.57	-0.45	-2.65	-1.70	584.36	24.08	33.07	575.37	70.39
		468	4.00	8.19	0.41	0.80	7.79	-1.70	578.14	22.97	32.28	568.83	71.29
448	6	460	5.38	2.14	-11.90	0.05	-9.82	5.00	789.12	35.04	64.71	759.46	146.60
		461	5.59	1.89	-12.78	-0.07	-10.82	5.00	816.99	33.31	67.51	782.79	160.09
		357	5.54	-0.18	-13.39	-2.47	-11.11	5.00	826.81	59.54	99.69	786.65	170.87
		351	5.33	0.10	-12.55	-2.35	-10.10	5.00	798.61	61.60	96.89	763.32	157.37
448	18	460	6.36	1.25	-7.11	0.97	-6.83	-1.50	964.28	100.34	102.17	962.44	-39.74
		461	5.74	1.90	-3.40	1.43	-2.93	-1.50	885.70	91.19	92.78	884.12	-35.41
		357	5.76	2.36	-3.31	1.93	-2.87	-1.50	891.85	96.61	103.10	885.36	-71.57
		351	6.38	1.72	-7.04	1.46	-6.77	-1.50	970.40	105.79	112.50	963.68	-75.90

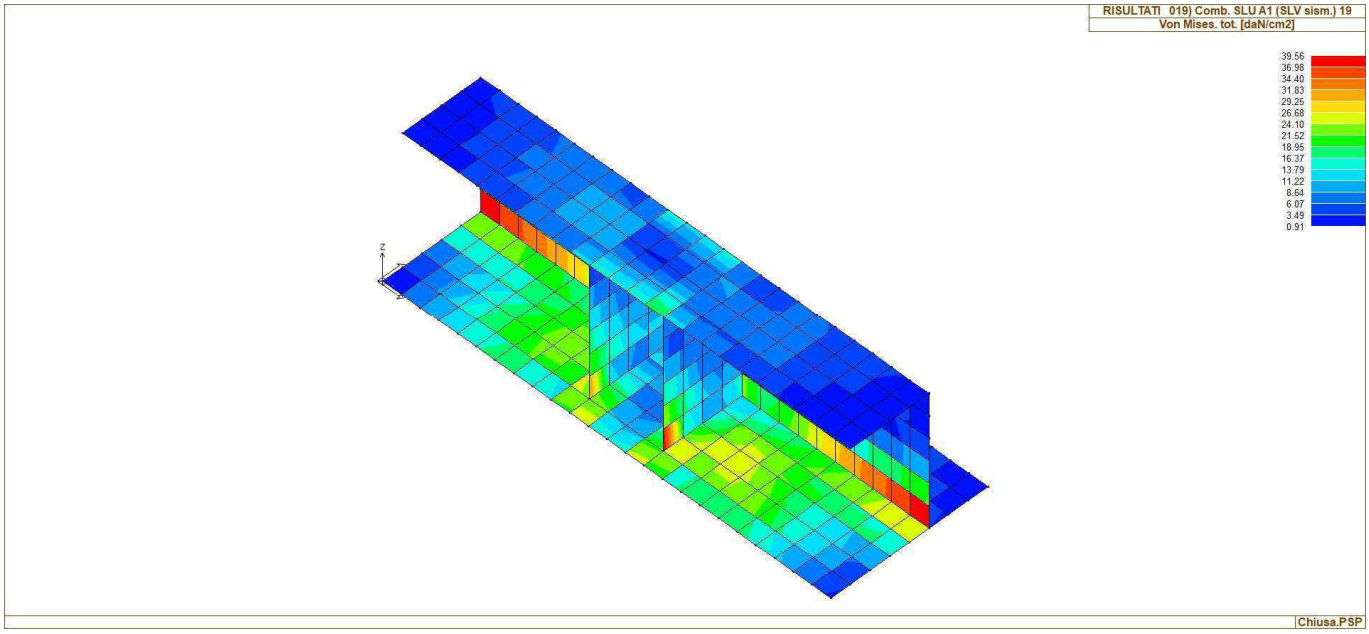
448	22	460	3.86	1.35	-7.63	-7.10e-03	-6.28	3.22	569.87	27.04	47.15	549.77	102.52
		461	3.98	1.23	-8.06	-0.07	-6.77	3.22	586.04	25.32	48.69	562.67	112.07
		357	3.94	-0.18	-8.49	-1.71	-6.96	3.22	592.15	44.70	71.45	565.40	118.03
		351	3.82	-0.04	-8.08	-1.65	-6.47	3.22	575.76	46.64	69.90	552.50	108.48
448	25	460	3.86	1.26	-7.12	7.22e-03	-5.86	2.99	572.51	27.82	47.49	552.84	101.63
		461	3.97	1.17	-7.44	-0.04	-6.23	2.99	586.28	25.79	48.75	563.32	111.09
		357	3.93	-0.22	-7.86	-1.66	-6.42	2.99	591.85	45.50	71.32	566.03	115.93
		351	3.82	-0.11	-7.56	-1.61	-6.06	2.99	577.87	47.74	70.06	555.55	106.47
449	6	461	5.57	3.20	-16.61	-2.32	-11.09	8.88	821.91	18.30	58.50	781.71	175.19
		462	5.69	3.08	-16.87	-2.36	-11.43	8.88	837.41	14.23	59.72	791.91	188.10
		363	5.64	2.77	-17.02	-2.77	-11.48	8.88	844.88	41.23	90.50	795.61	192.81
		357	5.52	2.89	-16.76	-2.73	-11.14	8.88	829.15	45.54	89.28	785.41	179.90
449	18	461	5.71	3.55	-4.99	1.49	-2.93	-3.65	886.87	104.05	105.29	885.62	-31.18
		462	5.14	4.14	-3.75	1.68	-1.30	-3.65	805.74	94.34	95.56	804.52	-29.44
		363	5.18	5.52	-3.10	3.50	-1.08	-3.65	811.31	93.44	99.72	805.02	-66.87
		357	5.74	5.03	-4.43	3.31	-2.71	-3.65	892.14	103.44	109.46	886.12	-68.62
449	22	461	3.97	1.94	-10.72	-1.80	-6.97	5.78	589.49	14.52	42.13	561.88	122.94
		462	4.03	1.91	-10.78	-1.81	-7.05	5.78	596.97	10.98	42.55	565.40	132.29
		363	3.99	1.72	-10.88	-2.07	-7.08	5.78	601.49	31.43	64.85	568.08	133.91
		357	3.93	1.76	-10.82	-2.06	-7.01	5.78	593.86	35.12	64.42	564.56	124.56
449	25	461	3.96	1.76	-10.00	-1.80	-6.44	5.41	589.69	14.82	42.00	562.51	122.01
		462	4.00	1.76	-10.00	-1.80	-6.43	5.41	594.76	10.85	42.12	563.49	131.44
		363	3.96	1.58	-10.10	-2.05	-6.46	5.41	598.76	32.04	64.61	566.19	131.90
		357	3.92	1.58	-10.10	-2.05	-6.47	5.41	593.56	36.15	64.49	565.21	122.46
450	6	462	5.73	5.04	-20.47	-3.83	-11.60	12.15	845.68	-10.96	44.62	790.10	211.00
		400	5.78	4.73	-20.98	-3.91	-12.33	12.15	847.67	-19.51	43.91	784.24	225.78
		369	5.70	5.49	-20.55	-2.85	-12.21	12.15	852.80	14.83	79.15	788.47	223.08
		363	5.66	5.79	-20.03	-2.77	-11.48	12.15	850.62	23.56	79.86	794.33	208.30
450	19	462	5.05	8.88	-24.48	-7.55	-8.05	16.68	489.55	-227.62	-35.15	297.08	317.79
		400	5.35	8.08	-25.33	-7.72	-9.53	16.68	544.98	-225.65	-29.00	348.33	335.97
		369	5.54	7.87	-25.53	-8.09	-9.57	16.68	581.55	-213.66	14.36	353.53	359.63
		363	5.25	8.68	-24.68	-7.91	-8.10	16.68	527.01	-216.50	8.22	302.29	341.44
450	22	462	4.10	3.02	-13.38	-3.14	-7.21	7.94	602.85	-7.61	31.20	564.04	148.94
		400	4.12	2.86	-13.62	-3.18	-7.57	7.94	601.77	-14.41	30.35	557.01	159.92
		369	4.04	3.30	-13.34	-2.54	-7.49	7.94	604.92	11.77	56.54	560.16	156.68
		363	4.02	3.46	-13.09	-2.50	-7.14	7.94	605.88	18.68	57.38	567.18	145.70
450	25	462	4.09	2.73	-12.55	-3.22	-6.60	7.45	600.66	-8.16	30.41	562.09	148.31
		400	4.10	2.60	-12.73	-3.25	-6.88	7.45	597.63	-15.49	29.30	552.83	159.56
		369	4.02	2.99	-12.47	-2.67	-6.81	7.45	600.36	11.81	56.12	556.05	155.29
		363	4.00	3.11	-12.28	-2.64	-6.54	7.45	603.30	19.23	57.23	565.31	144.04
451	6	400	6.06	7.40	-23.96	-4.19	-12.37	15.13	858.91	-40.21	35.47	783.23	249.63
		401	6.02	6.78	-24.91	-4.36	-13.76	15.13	843.45	-54.09	32.33	757.04	264.75
		375	5.84	8.45	-23.93	-2.00	-13.48	15.13	843.70	-13.96	68.38	761.37	252.66
		369	5.89	9.02	-22.94	-1.83	-12.08	15.13	859.19	-0.11	71.52	787.56	237.54
451	19	400	5.87	12.05	-29.81	-8.17	-9.58	20.92	565.65	-256.30	-37.91	347.26	363.06
		401	6.11	10.59	-31.42	-8.50	-12.33	20.92	610.17	-258.21	-33.34	385.30	380.41
		375	6.24	11.79	-30.42	-6.53	-12.10	20.92	640.62	-242.35	8.01	390.27	397.97
		369	6.00	13.20	-28.75	-6.20	-9.35	20.92	596.51	-240.84	3.45	352.22	380.62
451	22	400	4.33	4.36	-15.93	-3.91	-7.66	9.97	609.97	-30.24	23.53	556.20	177.57
		401	4.29	3.97	-16.47	-4.01	-8.49	9.97	598.32	-40.79	21.16	536.38	189.08
		375	4.16	4.83	-15.89	-2.72	-8.34	9.97	598.54	-10.28	48.59	539.67	179.93
		369	4.20	5.20	-15.33	-2.62	-7.50	9.97	610.21	0.24	50.97	559.49	168.42
451	25	400	4.31	3.90	-15.07	-4.17	-6.99	9.38	606.00	-31.94	22.08	551.97	177.62
		401	4.27	3.54	-15.53	-4.26	-7.73	9.38	593.25	-43.10	19.52	530.63	189.55
		375	4.14	4.25	-15.02	-3.17	-7.60	9.38	593.26	-11.24	47.98	534.04	179.70
		369	4.18	4.60	-14.54	-3.08	-6.86	9.38	606.05	-0.12	50.54	555.38	167.77
452	6	401	6.29	10.18	-26.57	-2.81	-13.58	17.57	857.32	-70.78	29.80	756.74	288.50
		402	6.10	9.35	-27.94	-3.05	-15.54	17.57	814.96	-91.96	22.99	700.00	301.73
		381	5.80	12.05	-26.46	0.68	-15.09	17.57	804.96	-46.64	54.53	703.79	275.54
		375	6.00	12.81	-25.03	0.92	-13.13	17.57	847.99	-26.14	61.33	760.52	262.31
452	19	401	6.52	15.76	-33.11	-5.39	-11.96	24.21	631.30	-279.56	-33.53	385.28	404.43
		402	6.66	13.66	-35.86	-5.91	-16.29	24.21	656.79	-284.65	-31.35	403.49	417.50
		381	6.69	16.68	-33.83	-1.40	-15.75	24.21	675.64	-268.59	-0.18	407.23	425.91
		375	6.56	18.63	-30.93	-0.88	-11.42	24.21	650.20	-263.55	-2.37	389.02	412.84
452	22	401	4.50	5.82	-18.05	-3.77	-8.46	11.70	608.59	-54.31	18.25	536.03	206.96
		402	4.38	5.23	-18.89	-3.92	-9.74	11.70	580.32	-69.81	13.56	496.95	217.37
		381	4.18	6.45	-18.10	-2.13	-9.52	11.70	574.10	-35.79	38.38	499.93	199.33
		375	4.30	7.01	-17.23	-1.97	-8.25	11.70	602.78	-20.70	43.07	539.01	188.93
452	25	401	4.48	5.13	-17.26	-4.39	-7.74	11.07	603.86	-57.46	16.17	530.22	208.02
		402	4.37	4.55	-18.01	-4.53	-8.93	11.07	575.83	-73.53	11.45	490.85	219.00
		381	4.16	5.47	-17.37	-3.13	-8.76	11.07	569.78	-38.15	37.64	493.99	200.82
		375	4.28	6.02	-16.58	-2.99	-7.57	11.07	598.20	-22.48	42.36	533.37	189.84
453	5	402	6.34	1.44	-21.74	-16.36	-3.93	9.78	771.24	-174.46	-11.28	608.07	357.33
		403	6.16	0.17	-22.28	-16.56	-5.55	9.78	717.71	-212.18	-21.06	526.59	375.76
		387	5.78	-1.49	-26.57	-21.88	-6.19	9.78	700.58	-145.84	22.87	531.86	338.14
		381	5.99	-0.13	-26.13	-21.68	-4.57	9.78	754.88	-108.88	32.65	613.34	319.72
453	19	402	6.87	21.12	-33.39	2.96	-15.23	25.69	675.80	-292.69	-21.55	404.66	434.84

		403	6.84	18.78	-37.68	2.25	-21.15	25.69	666.54	-304.45	-23.81	385.90	440.16
		387	6.71	24.11	-35.17	9.25	-20.31	25.69	663.43	-287.13	-11.12	387.42	431.49
		381	6.74	26.22	-30.64	9.96	-14.39	25.69	672.67	-275.35	-8.87	406.19	426.17
453	21	402	4.58	1.04	-16.61	-12.70	-2.87	7.33	556.28	-122.80	-8.17	441.65	254.36
		403	4.45	0.08	-17.00	-12.84	-4.08	7.33	519.47	-148.90	-14.91	385.48	267.58
		387	4.20	-1.19	-20.44	-17.05	-4.58	7.33	508.08	-102.20	16.61	389.26	241.65
		381	4.34	-0.16	-20.11	-16.90	-3.37	7.33	545.39	-76.60	23.36	445.44	228.43
453	24	402	4.58	1.04	-16.61	-12.70	-2.87	7.33	556.28	-122.80	-8.17	441.65	254.36
		403	4.45	0.08	-17.00	-12.84	-4.08	7.33	519.47	-148.90	-14.91	385.48	267.58
		387	4.20	-1.19	-20.44	-17.05	-4.58	7.33	508.08	-102.20	16.61	389.26	241.65
		381	4.34	-0.16	-20.11	-16.90	-3.37	7.33	545.39	-76.60	23.36	445.44	228.43
454	5	403	6.49	0.48	-26.92	-20.42	-6.01	11.65	739.44	-225.24	-13.31	527.52	399.41
		404	6.16	-1.38	-27.73	-20.71	-8.40	11.65	654.96	-272.13	-27.39	410.21	408.66
		393	5.69	-4.54	-36.21	-31.10	-9.65	11.65	615.34	-207.81	-5.33	412.86	354.51
		387	6.06	-2.47	-35.60	-30.81	-7.26	11.65	702.09	-163.18	8.75	530.16	345.26
454	19	403	6.78	31.94	-30.95	20.01	-19.02	24.65	682.14	-287.34	5.40	389.40	445.09
		404	6.56	30.21	-36.22	19.26	-25.26	24.65	618.32	-311.88	-4.07	310.51	437.70
		393	6.16	39.02	-33.69	29.38	-24.05	24.65	577.24	-290.55	-21.70	308.39	401.28
		387	6.38	40.54	-28.22	30.13	-17.80	24.65	642.41	-267.36	-12.23	387.29	408.67
454	21	403	4.70	0.30	-20.70	-15.95	-4.45	8.78	534.54	-160.10	-11.46	385.89	284.88
		404	4.47	-1.10	-21.29	-16.16	-6.22	8.78	474.75	-193.04	-21.39	303.11	291.82
		393	4.15	-3.49	-28.01	-24.31	-7.20	8.78	447.33	-147.08	-4.84	305.09	253.61
		387	4.41	-1.94	-27.58	-24.09	-5.43	8.78	508.70	-115.72	5.09	387.88	246.66
454	24	403	4.70	0.30	-20.70	-15.95	-4.45	8.78	534.54	-160.10	-11.46	385.89	284.88
		404	4.47	-1.10	-21.29	-16.16	-6.22	8.78	474.75	-193.04	-21.39	303.11	291.82
		393	4.15	-3.49	-28.01	-24.31	-7.20	8.78	447.33	-147.08	-4.84	305.09	253.61
		387	4.41	-1.94	-27.58	-24.09	-5.43	8.78	508.70	-115.72	5.09	387.88	246.66
455	5	404	6.37	-0.15	-32.66	-24.01	-8.80	14.37	669.94	-261.19	-4.24	412.99	416.21
		405	5.83	0.13	-32.53	-23.97	-8.43	14.37	522.99	-326.76	-27.01	223.24	406.03
		399	5.11	-4.28	-44.93	-38.98	-10.23	14.37	430.71	-261.66	-51.27	220.33	318.44
		393	5.73	-4.61	-45.03	-39.03	-10.60	14.37	585.85	-204.27	-28.50	410.08	328.61
455	19	404	6.51	54.30	-28.50	47.66	-21.86	22.49	641.58	-251.59	70.52	319.46	428.89
		405	6.27	54.39	-28.09	47.71	-21.42	22.49	489.04	-325.16	46.30	117.58	405.53
		399	5.37	74.23	-24.32	68.80	-18.89	22.49	368.83	-267.32	-9.39	110.89	312.34
		393	5.58	74.16	-24.74	68.75	-19.33	22.49	531.07	-203.46	14.84	312.78	335.69
455	21	404	4.65	-0.21	-25.27	-18.93	-6.55	10.90	485.08	-189.42	-8.94	304.60	298.60
		405	4.27	0.08	-25.15	-18.89	-6.18	10.90	377.88	-237.15	-25.54	166.27	292.18
		399	3.76	-3.26	-34.97	-30.63	-7.59	10.90	312.12	-188.55	-40.86	164.43	228.32
		393	4.21	-3.58	-35.05	-30.67	-7.96	10.90	425.33	-146.83	-24.26	302.76	234.74
455	24	404	4.65	-0.21	-25.27	-18.93	-6.55	10.90	485.08	-189.42	-8.94	304.60	298.60
		405	4.27	0.08	-25.15	-18.89	-6.18	10.90	377.88	-237.15	-25.54	166.27	292.18
		399	3.76	-3.26	-34.97	-30.63	-7.59	10.90	312.12	-188.55	-40.86	164.43	228.32
		393	4.21	-3.58	-35.05	-30.67	-7.96	10.90	425.33	-146.83	-24.26	302.76	234.74
456	5	405	5.61	1.35	-38.90	-28.56	-8.98	17.58	506.65	-267.38	11.42	227.85	371.58
		279	4.98	5.49	-37.19	-27.94	-3.76	17.58	316.13	-355.17	-18.40	-20.64	335.65
		285	3.99	2.75	-45.26	-37.59	-4.92	17.58	156.45	-291.44	-104.07	-30.92	220.94
		399	4.71	-1.68	-46.68	-38.22	-10.14	17.58	367.07	-223.76	-74.25	217.57	256.87
456	17	405	6.70	89.13	-19.93	83.12	-13.91	24.90	545.18	6.57	407.33	144.42	235.04
		279	6.75	91.86	-5.17	84.99	1.70	24.90	469.57	-133.25	384.25	-47.92	210.13
		285	7.43	144.36	3.72	139.80	8.28	24.90	360.31	-90.50	324.86	-55.05	121.34
		399	7.31	142.08	-11.48	137.93	-7.34	24.90	422.84	62.39	347.94	137.29	146.25
456	21	405	4.15	0.88	-30.22	-22.70	-6.64	13.31	364.96	-201.38	-5.13	168.72	269.50
		279	3.71	4.01	-28.98	-22.23	-2.75	13.31	224.65	-268.05	-27.31	-16.09	246.29
		285	2.99	1.86	-35.64	-30.09	-3.69	13.31	111.04	-216.43	-82.65	-22.73	160.97
		399	3.50	-1.49	-36.65	-30.56	-7.58	13.31	265.99	-164.39	-60.48	162.08	184.18
456	24	405	4.15	0.88	-30.22	-22.70	-6.64	13.31	364.96	-201.38	-5.13	168.72	269.50
		279	3.71	4.01	-28.98	-22.23	-2.75	13.31	224.65	-268.05	-27.31	-16.09	246.29
		285	2.99	1.86	-35.64	-30.09	-3.69	13.31	111.04	-216.43	-82.65	-22.73	160.97
		399	3.50	-1.49	-36.65	-30.56	-7.58	13.31	265.99	-164.39	-60.48	162.08	184.18

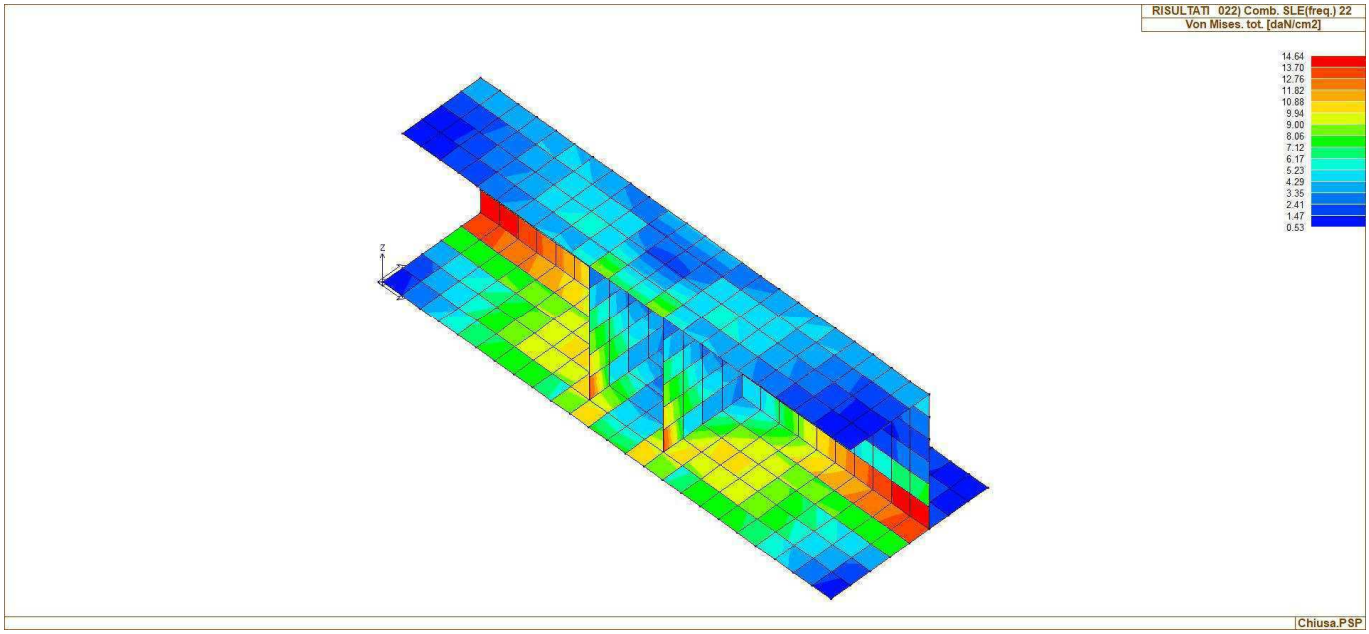
Elem.		**Von Mises**	**N max**	**N min**	**N 1**	**N 2**	**N 1-2**	**M max**	**M min**	**M 1**	**M 2**	**M 1-2**
				-736.44	-325.64	-717.49	-112.27		-5784.58	-4940.41	-5239.07	-2924.38
		39.56	327.26		327.21	304.08	67.78	5712.19		1944.72	5706.80	2924.38



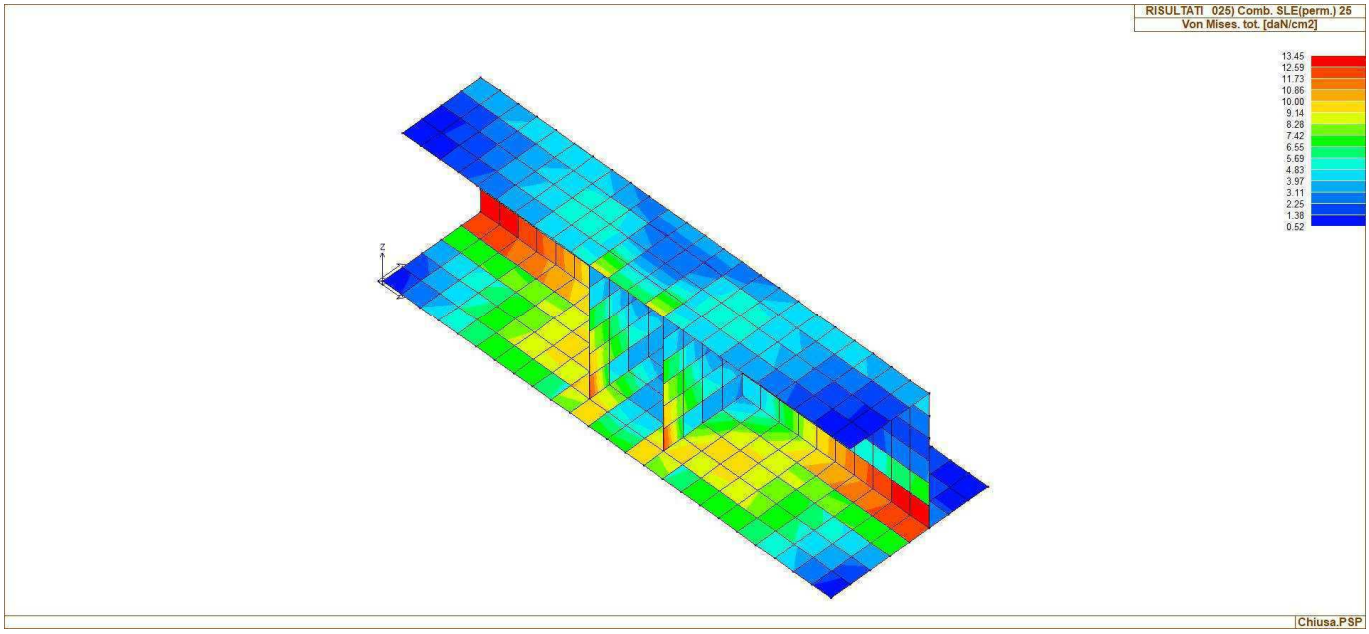
44_RIS_VONMISES_006_Comb. SLU A1 6



44_RIS_VONMISES_019_Comb. SLU A1 (SLV sism.) 19



44_RIS_VONMISES_022_Comb. SLE(freq.) 22



44_RIS_VONMISES_025_Comb. SLE(perm.) 25

VERIFICHE ELEMENTI PARETE E/O GUSCIO IN C.A.

LEGENDA TABELLA VERIFICHE ELEMENTI PARETE E GUSCIO IN C.A.

Per le pareti in c.a., in ottemperanza al cap. 7 del DM 17-01-18, viene effettuata una doppia progettazione: sia come *Singolo Elemento* sia come *Parete Sismica* o *Parete Debolmente Armata.*

Per la progettazione come *Singolo Elemento* di ogni elemento vengono riportati il codice dello stato di verifica con le sigle **Ok e NV,** il rapporto x/d, la verifica per sollecitazioni ultime (verifica a compressione media gli sforzi membranali, verifica a presso-flessionale e verifica a sollecitazioni taglianti), gli sforzi membranali e flessionali, il quantitativo di armatura nella direzione principale e secondaria sia inferiore che superiore e il quantitativo di armatura a taglio.

Per la progettazione come *Parete Sismica* o *Parete Debolmente Armata* vengono riportate invece le caratteristiche geometriche della parete e delle zone dissipative (quest'ultime solo nel caso di parete sismica), i coefficienti di verifica a compressione assiale, pressoflessione e sollecitazioni taglianti.

Inoltre vengono riportate per ogni quota significativa l'armatura principale e secondaria, l'armatura in zona confinata (solo per parete sismica) e non confinata, l'armatura concentrata all'estremità (per pareti debolmente armate), lo sforzo assiale aggiuntivo per q superiore a 2 e i valori di inviluppo di taglio e momento. Per le pareti debolmente armate viene riportato anche lo stato di verifica relativo alla snellezza.

Le azioni derivate dall'analisi, in ogni combinazione di calcolo, sono elaborate come previsto al punto 7.4.4.5.1: traslazione del momento, incremento e variazione diagramma taglio, incremento e decremento sforzo assiale

La progettazione nel caso dei gusci viene effettuata una progettazione come *Singolo Elemento,* riportando in tabella il rapporto x/d, la verifica per sollecitazioni ultime, (verifica a compressione media gli sforzi membranali, verifica a presso-flessionale e verifica a sollecitazioni taglianti) di ogni elemento.

Per ogni elemento, viene riportata inoltre la maglia di armatura necessaria in relazione alle risultanze della progettazione dei nodi dell'elemento stesso. Le quantità di armature necessarie sono armature (disposte rispettivamente in direzione principale e secondaria, inferiore e superiore) distribuite nell'elemento ed espresse in centimetri quadri per sviluppo lineare pari ad un metro.

Nel caso dei gusci viene effettuata, inoltre, la verifica a punzonamento, riportando in tabella il codice dello stato di verifica, il coefficiente di verifica per piastre prive di armature a taglio lungo il perimetro resistente e lungo il perimetro del pilastro, coefficiente di incremento dovuto ai momenti flettenti, fattore di amplificazione per le fondazioni, il fattorei di amplificazione dell'altezza utile per individuare il perimetro di verifica lungo il quale l'armatura a taglio non è richiesta, il quantitativo di armatura a punzonamento, il numero di serie di armature, il numero di braccia di armatura ed il riferimento alla combinazione più gravosa.

Simbologia adottata nelle tabelle di verifica

Per gli elementi con progettazione "*Singolo Elemento …*" è presente una tabella con i simboli di seguito descritti:

Macro Guscio	Numero del macroelemento di tipo guscio (elementi non verticali contigui ed analoghi per proprietà)
Macro Setto	Numero del macroelemento di tipo setto (elementi verticali contigui ed analoghi per proprietà)
Spessore	Spessore della parete
Id Materiale	Codice del materiale assegnato all'elemento
Id Criterio	Codice del criterio di progetto assegnato all'elemento
Progettazione	Sigla tipo di Elemento: - Singolo Elemento; - Singolo Elemento FONDAZIONE; - Singolo Elemento NON DISSIPATIVO

Per gli elementi con progettazione "*Parete Sismica o Parete Debolmente Armata*" è presente una tabella con i simboli di seguito descritti:

Parete	Numero della PARETE SISMICA
Parete PDA	Numero della PARETE DEBOLMENTE ARMATA
H totale	Altezza complessiva della parete
Spessore	Spessore della parete
H critica	Altezza come da punto 7.4.4.5.1 per traslazione momento (solo in Parete Sismica)
H critica V	Altezza della zona dissipativa (solo in Parete Sismica)
L totale	Larghezza di base della parete
L confinata	Lunghezza della zona dissipativa (solo in Parete Sismica)
Verif. N	Verifica di cui al punto 7.4.4.5.1 compressione semplice
Verif. N-M	Verifica di cui al punto 7.4.4.5.1 pressoflessione
Fattore V	Fattore di amplificazione del taglio di cui al punto 7.4.4.5.1
Diagramma V	Diagramma elaborato per effetto modi superiori come da fig. 7.4.4
Verif. V	Verifica di cui al punto 7.4.4.5.1 taglio (compressione cls, trazione acciaio, scorrimento in zona critica) (solo in Parete Sismica)
Verifica Snellezza	Verifica di cui al punto 7.4.4.5.1 limitazione compressione per prevenire l'instabilità (solo in Parete Debolmente Armata)
Prog. composta	Sigla per la progettazione composta

Per le verifiche degli elementi con progettazione "*Singolo Elemento …*" e *Progettazione Composta* è presente una tabella con i simboli di seguito descritti:

Nodo	numero del nodo
Stato	codice di verifica dell'elemento **ok** o **NV**

x/d	rapporto tra posizione dell'asse neutro e altezza utile alla rottura della sezione (per sola flessione)
V N/M	Verifica delle sollecitazioni Normali (momento e sforzo normale)
Ver. rid	Rapporto Nd/Nu (Nu ottenuto con riduzione del 25% di fcd)
Af pr+	quantità di armatura richiesta in direzione principale relativa alla faccia positiva (estradosso piastre) (valore derivante da calcolo o minimo normativo)
Af pr-	quantità di armatura richiesta in direzione principale relativa alla faccia negativa (intradosso piastre) (valore derivante da calcolo o minimo normativo)
Af sec+	quantità di armatura richiesta in direzione secondaria relativa alla faccia positiva (estradosso piastre) (valore derivante da calcolo o minimo normativo)
Af sec-	quantità di armatura richiesta in direzione secondaria relativa alla faccia negativa (intradosso piastre) (valore derivante da calcolo o minimo normativo)
Nz No Nzo	Sforzi membranali per pareti e\o setti verticali
Mz Mo Mzo	Sforzi flessionali per pareti e\o setti verticali
Nx Ny Nxy	Sforzi membranali per gusci orizzontali
Mx Mx Mxy	Sforzi flessionali per gusci orizzontali

Nodo	numero del nodo
Stato	codice di verifica dell'elemento **ok** o **NV**
Max tau	Tensione tangenziale Massima
Ver V pr	Verifica a taglio nella direzione principale lato calcestruzzo
Ver V sec	Verifica a taglio nella direzione secondaria lato calcestruzzo
Af V pr	Armatura nella direzione principale
V pr-	Verifica dell'armatura nella direzione principale
Af V sec	Armatura nella direzione secondaria
V sec-	Verifica dell'armatura nella direzione secondaria

Per le verifiche degli elementi con progettazione "*Parete Sismica o Parete Debolmente Armata*", oltre alla tabella con le verifiche per gli elementi con progettazione "*Singolo Elemento …*", è presente una tabella con i simboli di seguito descritti:

Quota	Ascissa verticale di riferimento
Af conf.	Numero e diametro armatura presente in una zona confinata
Af std	Diametro e passo armatura in zona non confinata (doppia maglia)
Af estremi	Diametro dei ferri di estremità del pannello; se posto uguale 0, viene utilizzato il diametro standard
Af V (ori)	Diametro e passo armatura orizzontale (doppia maglia)
Ver. N	Rapporto tra azione di calcolo e resistenza a compressione (normalizzato a 1 in quanto da confrontare con 40% in CDB e 35 % in CDA)
Ver. N/M	Rapporto tra azione di calcolo e resistenza a pressoflessione
Ver. V acc(7)	Rapporto tra azione di calcolo e resistenza a taglio-trazione per alfaS minore di 2 secondo paragrafo 7.4.4.5.1
Ver. V cls	Rapporto tra azione di calcolo e resistenza a taglio-compressione
Ver. V acc	Rapporto tra azione di calcolo e resistenza a taglio-trazione
Ver. V scorr.	Rapporto tra azione di calcolo e resistenza a taglio scorrimento
N add	Sforzo assiale di cui al punto 7.4.4.5.1 da sommare e sottrarre nelle verifiche quando q supera 2
N invil M invil	Inviluppo del Momento e Sforzo Normale come al punto 7.4.4.5.1 (informativo) (solo in Parete Sismica)

Quota	Ascissa verticale di riferimento
N v.N	Valore dello sforzo assiale per cui Ver. N attinge il massimo valore
N v.M/N, M v.M/N	Valore dello sforzo assiale e momento per cui Ver. N/M attinge il massimo valore
N v.M/N, M v.M/N Mo v.M/N	Valore dello sforzo assiale e dei momenti per cui Ver. N/M attinge il massimo valore (per le pareti estese debolmente armate)
N v.Vcls, V v.Vcls,	Valore dello sforzo assiale e taglio per cui Ver. V. cls attinge il massimo valore
N v.Vacc, M v.Vacc, V v.Vacc,	Valore dello sforzo assiale, momento e taglio per cui Ver. V. acc attinge il massimo valore
N v.Vscorr, M v.Vscorr, V v.Vscorr,	Valore dello sforzo assiale, momento e taglio per cui Ver. V. scorr.e
N v.N	Valore dello sforzo assiale per cui Ver. N attinge il massimo valore
N v.M/N, M v.M/N	Valore dello sforzo assiale e momento per cui Ver. N/M attinge il massimo valore
N v.M/N, M v.M/N Mo v.M/N	Valore dello sforzo assiale e dei momenti per cui Ver. N/M attinge il massimo valore (per le pareti estese debolmente armate)
N v.Vcls, V v.Vcls,	Valore dello sforzo assiale e taglio per cui Ver. V. cls attinge il massimo valore

Quota	Ascissa verticale di riferimento
CtgT Vcls	Valore di ctg(teta) adottato nella verifica V compressione cls
Vrsd Vcls	Valore della resistenza a taglio trazione (armatura di calcolo)
Vrcd Vcls	Valore della resistenza a taglio compressione
CtgT Vacc	Valore di ctg(teta) adottato nella verifica V trazione armatura
Vrsd Vacc	Valore della resistenza a taglio trazione (armatura presente)
Vrcd Vacc	Valore della resistenza a taglio compressione
Vdd	Valore del contributo alla resistenza allo scorrimento come da [7.4.20]
Vid	Valore del contributo alla resistenza allo scorrimento come da [7.4.21]
A s.i.	Somma delle aree di armature
Incli.	Angolo di inclinazione delle armature
Dist.	Distanza alla base tra le armature inclinate

Quota	Ascissa verticale di riferimento
V[7.4.16]	Verifica a taglio-trazione dell'armatura dell'anima (7.4.16)

N M V	Sollecitazioni di calcolo della condizione più gravosa
Alfas	Rapporto di Taglio
Vrd,c	Resistenza a taglio degli elementi non armati
VRd,s	Resistenza a taglio nei confronti dello scorrimento
V[7.4.17]	Verifica a taglio-trazione dell'armatura dell'anima (7.4.17)
roH	Rapporto tra l'armatura orizzontale e l'area della sezione relativa di calcestruzzo
roV	Rapporto tra l'armatura verticale e l'area della sezione relativa di calcestruzzo
roN	Sforzo normale adimensionalizzato Ned/(bw fyd)

Per la verifica a *Punzonamento* è presente una tabella con i simboli di seguito descritti:

Nodo	numero del nodo
Stato	codice di verifica dell'elemento **ok** o **NV**
V. 6.47	Fattore di sicurezza per la verifica per piastre prive di armature a taglio lungo il perimetro resistente U1
V. 6.53	Fattore di sicurezza per la verifica per piastre prive di armature a taglio lungo il perimetro del pilastro U0
Beta	Fattore di incremento dovuto ai momenti flettenti
f. a fon	fattore di amplificazione per le fondazioni (solo per gusci di fondazione)
f. Uout	fattore di amplificazione dell'altezza utile per individuare il perimetro di verifica lungo il quale l'armatura a taglio non è richiesta
Aw tot	Quantitativo di armatura per la verifica di piastre munite di armatura (formula 6.52 dell'EC2)
Asw,min	Quantitativo minimo di armatura previsto dai dettagli costruttivi (formula 9.11 dell'EC2)
n. x serie	Numero di serie di armature
n.ser 0(R)	Numero di braccia delle armatura in direzione 0 (o numero di braccia radiale)
n.ser 90	Numero di braccia delle armatura in direzione 90 (solo se armatura cruciforme)
Rif. cmb	Riferimento combinazioni da cui si generano le verifiche più gravose

PROGETTAZIONE DELLE FONDAZIONI

Il D.M.17/01/2018 - par: 7.2.5 prevede:
"Sia per CD"A" sia per CD"B" il dimensionamento delle strutture di fondazione e la verifica di sicurezza del complesso fondazione-terreno devono essere eseguiti assumendo come azione in fondazione, trasmessa dagli elementi soprastanti, una tra le seguenti:

- quella derivante dall'analisi strutturale eseguita ipotizzando comportamento strutturale non dissipativo;
- […];
- quella trasferita dagli elementi soprastanti nell'ipotesi di comportamento strutturale dissipativo, amplificata di un coefficiente pari a 1,30 in CD"A" e 1,10 in CD"B";

Nel contesto visualizzazione risultati e nella stampa della relazione sulle fondazioni PRO_SAP mostra le sollecitazioni che derivano dall'analisi non incrementate sia in termini di pressioni sul terreno che in termini di sollecitazioni.

La progettazione degli elementi strutturali con proprietà fondazione è effettuata da PRO_SAP (per travi e platee) o da PRO_CAD Plinti (per plinti e pali di fondazione) incrementando le sollecitazioni delle combinazioni con sisma di un coefficiente pari 1.1 in CDB e 1.3 in CDA per pali, plinti, travi e platee.
Per i bicchieri dei plinti di fondazione prefabbricati l'incremento delle sollecitazioni ha un fattore pari a 1.2 in CDB e 1.35 in CDA.
N.B.: nel caso di comportamento strutturale non dissipativo la progettazione viene effettuata senza nessun incremento.

Le verifiche geotecniche vengono effettuate dal modulo geotecnico incrementando automaticamente le sollecitazioni del fattore 1.1 in CDB e 1.3 in CDA per pali, plinti, travi e platee.
N.B.: nel caso di comportamento strutturale non dissipativo le verifiche geotecniche vengono effettuate senza nessun incremento.

Macro Setto	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
2	30.00	1	2	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
									daN/cm	daN/cm	daN/cm	daN	daN	daN
10	ok	0.17	0.4	0.1	13.4	13.4	7.5	7.5	-726.8	-74.5	115.8	-841.5	-78.3	670.3
15	ok	0.17	0.2	4.48e-02	13.4	13.4	7.5	7.5	-165.4	1.8	32.7	-381.6	-79.9	649.9
20	ok	0.17	0.1	1.74e-02	13.4	13.4	7.5	7.5	-78.8	12.2	32.7	-234.8	-62.3	656.7
25	ok	0.17	0.2	1.71e-02	13.4	13.4	7.5	7.5	-35.8	-3.5	14.2	-226.6	5.5	599.2
30	ok	0.17	0.4	5.19e-02	13.4	13.4	7.5	7.5	296.1	25.4	50.4	-712.7	51.4	252.7
226	ok	0.17	0.4	0.1	13.4	13.4	7.5	7.5	-445.1	-34.2	52.8	-971.5	-76.0	407.6
227	ok	0.17	0.2	5.47e-02	13.4	13.4	7.5	7.5	-251.3	-58.8	80.0	-862.2	-155.0	567.5
228	ok	0.17	0.2	8.71e-02	13.4	13.4	7.5	7.5	-443.5	-21.1	52.8	-975.4	-108.2	347.0
229	ok	0.17	0.2	5.28e-02	13.4	13.4	7.5	7.5	-246.2	-16.1	80.0	-870.3	-223.0	424.7
230	ok	0.17	0.2	6.25e-02	13.4	13.4	7.5	7.5	-318.7	-11.7	36.2	-1011.9	-128.5	125.4
231	ok	0.17	0.2	4.66e-02	13.4	13.4	7.5	7.5	-207.5	-13.0	83.6	-860.1	-244.1	146.4
232	ok	0.17	0.1	4.53e-02	13.4	13.4	7.5	7.5	-228.7	-9.7	32.5	-898.7	-113.4	-68.6

233	ok	0.17	0.1	3.63e-02	13.4	13.4	7.5	7.5	-150.5	-11.5	77.4	-751.3	-234.6	-103.0
234	ok	0.17	8.81e-02	3.02e-02	13.4	13.4	7.5	7.5	-72.3	2.0	29.5	421.4	47.6	-245.2
235	ok	0.17	0.1	2.65e-02	13.4	13.4	7.5	7.5	-62.3	-0.8	56.3	369.5	18.6	-333.3
236	ok	0.17	9.14e-02	1.57e-02	13.4	13.4	7.5	7.5	-70.7	15.0	29.5	422.9	60.2	-220.5
237	ok	0.17	0.1	1.82e-02	13.4	13.4	7.5	7.5	-60.2	16.2	29.5	373.8	54.3	-225.4
238	ok	0.17	0.1	3.00e-02	13.4	13.4	7.5	7.5	-93.5	-39.9	80.0	-578.1	-120.9	593.7
239	ok	0.17	0.1	3.01e-02	13.4	13.4	7.5	7.5	-88.4	2.8	80.0	-586.2	-188.9	450.8
240	ok	0.17	0.1	3.07e-02	13.4	13.4	7.5	7.5	-84.8	1.8	83.6	-591.6	-211.9	155.2
241	ok	0.17	0.1	2.72e-02	13.4	13.4	7.5	7.5	-64.7	-1.2	77.4	-490.5	-203.3	-101.6
242	ok	0.17	0.2	2.29e-02	13.4	13.4	7.5	7.5	-43.8	-7.6	86.9	-405.5	-231.7	-352.3
243	ok	0.17	0.2	1.72e-02	13.4	13.4	7.5	7.5	-31.3	1.5	67.9	249.5	-109.4	-293.6
244	ok	0.17	0.3	2.32e-02	13.4	13.4	7.5	7.5	-12.9	54.0	50.4	-693.9	605.1	443.7
245	ok	0.17	0.2	1.82e-02	13.4	13.4	7.5	7.5	33.9	-4.9	68.2	-357.8	684.3	215.0
246	ok	0.17	0.2	1.76e-02	13.4	13.4	7.5	7.5	28.1	-13.0	79.9	-240.8	477.3	177.2
247	ok	0.17	0.2	1.77e-02	13.4	13.4	7.5	7.5	14.3	-11.6	79.5	-193.0	290.8	4.7
248	ok	0.17	0.2	1.71e-02	13.4	13.4	7.5	7.5	6.1	-1.6	86.9	-125.0	-198.0	-307.1
249	ok	0.17	0.2	1.55e-02	13.4	13.4	7.5	7.5	0.8	-8.2	72.9	-278.7	-178.7	-286.4
250	ok	0.17	0.4	5.44e-02	13.4	13.4	7.5	7.5	304.1	92.0	50.4	-645.6	610.9	228.3
251	ok	0.17	0.3	3.30e-02	13.4	13.4	7.5	7.5	129.8	6.9	79.9	-47.8	684.8	335.0
252	ok	0.17	0.2	2.01e-02	13.4	13.4	7.5	7.5	128.9	-0.9	79.9	-70.3	497.7	249.2
253	ok	0.17	0.2	1.41e-02	13.4	13.4	7.5	7.5	43.2	-8.1	77.9	143.0	331.2	-13.2
254	ok	0.17	0.1	1.40e-02	13.4	13.4	7.5	7.5	15.4	-6.4	72.9	-227.9	32.4	-193.3
255	ok	0.17	0.2	1.40e-02	13.4	13.4	7.5	7.5	15.4	-6.4	72.9	-252.9	-175.6	-206.3

Nodo	**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N z**	**N o**	**N zo**	**M z**	**M o**	**M zo**
								-726.76	-74.50	14.18	-1011.90	-244.13	-352.30
	0.17	0.44	0.14	13.40	13.40	7.54	7.54	304.08	92.00	115.78	422.93	684.82	670.32

Nodo	**Stato**	**Max tau** daN/cm2	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr** daN/cm	**V sec** daN/cm
10	ok	3.50						
15	ok	1.89						
20	ok	1.81						
25	ok	1.64						
30	ok	2.28						
226	ok	3.51						
227	ok	1.65						
228	ok	2.33						
229	ok	0.78						
230	ok	1.52						
231	ok	0.38						
232	ok	1.68						
233	ok	0.44						
234	ok	1.96						
235	ok	0.72						
236	ok	2.11						
237	ok	1.31						
238	ok	1.52						
239	ok	0.84						
240	ok	0.76						
241	ok	0.66						
242	ok	0.66						
243	ok	1.28						
244	ok	1.66						
245	ok	1.30						
246	ok	1.35						
247	ok	1.00						
248	ok	1.33						
249	ok	1.31						
250	ok	2.66						
251	ok	1.86						
252	ok	1.63						
253	ok	1.36						
254	ok	2.33						
255	ok	2.06						

Nodo	**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
	3.51						

Macro Setto	**Spessore**	**Id Materiale**	**Id Criterio**	**Progettazione**
	cm			
3	30.00	1	2	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
									daN/cm	daN/cm	daN/cm	daN	daN	daN
4	ok	0.17	0.4	0.1	13.4	13.4	7.5	7.5	-726.8	-74.5	115.8	841.5	78.3	-670.3
12	ok	0.17	0.2	4.48e-02	13.4	13.4	7.5	7.5	-165.4	1.8	32.7	381.6	79.9	-649.9
17	ok	0.17	0.1	1.74e-02	13.4	13.4	7.5	7.5	-78.8	12.2	32.7	234.8	62.3	-656.7
22	ok	0.17	0.2	1.71e-02	13.4	13.4	7.5	7.5	-35.8	-3.5	14.2	226.6	-5.5	-599.2
27	ok	0.17	0.4	5.19e-02	13.4	13.4	7.5	7.5	296.1	25.4	50.4	712.7	-51.4	-252.7
256	ok	0.17	0.4	0.1	13.4	13.4	7.5	7.5	-445.1	-34.2	52.8	971.5	76.0	-407.6
257	ok	0.17	0.2	5.47e-02	13.4	13.4	7.5	7.5	-251.3	-58.8	80.0	862.2	155.0	-567.5
258	ok	0.17	0.2	8.71e-02	13.4	13.4	7.5	7.5	-443.5	-21.1	52.8	975.4	108.2	-347.0
259	ok	0.17	0.2	5.28e-02	13.4	13.4	7.5	7.5	-246.2	-16.1	80.0	870.3	223.0	-424.7
260	ok	0.17	0.2	6.25e-02	13.4	13.4	7.5	7.5	-318.7	-11.7	36.2	1011.9	128.5	-125.4
261	ok	0.17	0.2	4.66e-02	13.4	13.4	7.5	7.5	-207.5	-13.0	83.6	860.1	244.1	-146.4
262	ok	0.17	0.1	4.53e-02	13.4	13.4	7.5	7.5	-228.7	-9.7	32.5	898.7	113.4	68.6
263	ok	0.17	0.1	3.63e-02	13.4	13.4	7.5	7.5	-150.5	-11.5	77.4	751.3	234.6	103.0
264	ok	0.17	8.81e-02	3.02e-02	13.4	13.4	7.5	7.5	-72.3	2.0	29.5	-421.4	-47.6	245.2
265	ok	0.17	0.1	2.65e-02	13.4	13.4	7.5	7.5	-62.3	-0.8	56.3	-369.5	-18.6	333.3
266	ok	0.17	9.14e-02	1.57e-02	13.4	13.4	7.5	7.5	-70.7	15.0	29.5	-422.9	-60.2	220.5
267	ok	0.17	0.1	1.82e-02	13.4	13.4	7.5	7.5	-60.2	16.2	29.5	-373.8	-54.3	225.4
268	ok	0.17	0.1	3.00e-02	13.4	13.4	7.5	7.5	-93.5	-39.9	80.0	578.1	120.9	-593.7
269	ok	0.17	0.1	3.01e-02	13.4	13.4	7.5	7.5	-88.4	2.8	80.0	586.2	188.9	-450.8
270	ok	0.17	0.1	3.07e-02	13.4	13.4	7.5	7.5	-84.8	1.8	83.6	591.6	211.9	-155.2
271	ok	0.17	0.1	2.72e-02	13.4	13.4	7.5	7.5	-64.7	-1.2	77.4	490.5	203.3	101.6
272	ok	0.17	0.2	2.29e-02	13.4	13.4	7.5	7.5	-43.8	-7.6	86.9	405.5	231.7	352.3
273	ok	0.17	0.2	1.72e-02	13.4	13.4	7.5	7.5	-31.3	1.5	67.9	-249.5	109.4	293.6
274	ok	0.17	0.3	2.32e-02	13.4	13.4	7.5	7.5	-12.9	54.0	50.4	693.9	-605.1	-443.7
275	ok	0.17	0.2	1.82e-02	13.4	13.4	7.5	7.5	33.9	-4.9	68.2	357.8	-684.3	-215.0
276	ok	0.17	0.2	1.76e-02	13.4	13.4	7.5	7.5	28.1	-13.0	79.9	240.8	-477.3	-177.2
277	ok	0.17	0.2	1.77e-02	13.4	13.4	7.5	7.5	14.3	-11.6	79.5	193.0	-290.8	-4.7
278	ok	0.17	0.2	1.71e-02	13.4	13.4	7.5	7.5	6.1	-1.6	86.9	125.0	198.0	307.1
279	ok	0.17	0.2	1.55e-02	13.4	13.4	7.5	7.5	0.8	-8.2	72.9	278.7	178.7	286.4
280	ok	0.17	0.4	5.44e-02	13.4	13.4	7.5	7.5	304.1	92.0	50.4	645.6	-610.9	-228.3
281	ok	0.17	0.3	3.30e-02	13.4	13.4	7.5	7.5	129.8	6.9	79.9	47.8	-684.8	-335.0
282	ok	0.17	0.2	2.01e-02	13.4	13.4	7.5	7.5	128.9	-0.9	79.9	70.3	-497.7	-249.2
283	ok	0.17	0.2	1.41e-02	13.4	13.4	7.5	7.5	43.2	-8.1	77.9	-143.0	-331.2	13.2
284	ok	0.17	0.1	1.40e-02	13.4	13.4	7.5	7.5	15.4	-6.4	72.9	227.9	-32.4	193.3
285	ok	0.17	0.2	1.40e-02	13.4	13.4	7.5	7.5	15.4	-6.4	72.9	252.9	175.6	206.3

Nodo		x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
									-726.76	-74.50	14.18	-422.93	-684.82	-670.32
		0.17	0.44	0.14	13.40	13.40	7.54	7.54	304.08	92.00	115.78	1011.90	244.13	352.30

Nodo	Stato	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
		daN/cm2					daN/cm	daN/cm
4	ok	3.50						
12	ok	1.89						
17	ok	1.81						
22	ok	1.64						
27	ok	2.28						
256	ok	3.51						
257	ok	1.65						
258	ok	2.33						
259	ok	0.78						
260	ok	1.52						
261	ok	0.38						
262	ok	1.68						
263	ok	0.44						
264	ok	1.96						
265	ok	0.72						
266	ok	2.11						
267	ok	1.31						
268	ok	1.52						
269	ok	0.84						
270	ok	0.76						
271	ok	0.66						
272	ok	0.66						
273	ok	1.28						
274	ok	1.66						
275	ok	1.30						
276	ok	1.35						
277	ok	1.00						
278	ok	1.33						
279	ok	1.31						

280	ok	2.66
281	ok	1.86
282	ok	1.63
283	ok	1.36
284	ok	2.33
285	ok	2.06

Nodo	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
	3.51						

Macro Setto	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
4	30.00	1	2	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
									daN/cm	daN/cm	daN/cm	daN	daN	daN
30	ok	0.17	0.5	4.92e-02	13.4	13.4	7.5	7.5	292.8	-2.3	-3.4	1912.7	-0.5	-118.9
96	ok	0.17	0.3	1.95e-02	13.4	13.4	7.5	7.5	94.9	-10.9	-30.3	2196.4	218.2	-457.3
97	ok	0.17	0.3	1.46e-02	13.4	13.4	7.5	7.5	41.4	-8.2	-28.1	2838.2	330.1	-506.6
98	ok	0.17	0.3	1.22e-02	13.4	13.4	7.5	7.5	8.7	-12.1	-28.1	3407.8	398.5	-525.6
99	ok	0.17	0.4	1.25e-02	13.4	13.4	7.5	7.5	-56.5	-12.0	20.0	242.4	29.5	-265.7
100	ok	0.17	0.4	1.29e-02	13.4	13.4	7.5	7.5	-58.6	-11.8	20.1	272.5	36.4	-255.3
101	ok	0.17	0.4	1.32e-02	13.4	13.4	7.5	7.5	-60.9	-11.8	19.4	281.7	38.7	-236.6
102	ok	0.17	0.4	1.35e-02	13.4	13.4	7.5	7.5	-63.7	-11.9	18.1	271.5	37.3	-215.9
103	ok	0.17	0.4	1.40e-02	13.4	13.4	7.5	7.5	-67.6	-10.4	10.8	2703.6	335.4	-281.3
104	ok	0.17	0.5	1.54e-02	13.4	13.4	7.5	7.5	-77.8	-11.6	10.8	2764.1	342.7	-292.8
105	ok	0.17	0.5	1.49e-02	13.4	13.4	7.5	7.5	-77.0	-8.8	4.1	2743.0	165.1	-224.9
250	ok	0.17	0.5	4.99e-02	13.4	13.4	7.5	7.5	301.6	71.8	-3.4	1848.3	-537.2	29.0
251	ok	0.17	0.3	2.77e-02	13.4	13.4	7.5	7.5	188.3	44.8	-36.9	32.2	-899.3	444.5
252	ok	0.17	0.3	1.52e-02	13.4	13.4	7.5	7.5	133.3	35.5	-42.5	54.2	-786.2	324.8
253	ok	0.17	0.2	1.05e-02	13.4	13.4	7.5	7.5	47.5	35.4	-48.2	-22.5	-705.5	75.5
254	ok	0.17	0.2	1.10e-02	13.4	13.4	7.5	7.5	18.2	16.4	-59.0	-216.3	-354.9	-91.8
255	ok	0.17	0.3	3.00e-02	13.4	13.4	7.5	7.5	34.1	149.2	-59.0	-174.0	-2.7	26.6
286	ok	0.17	0.3	1.98e-02	13.4	13.4	7.5	7.5	91.9	46.6	-3.4	2128.8	-503.6	-167.9
287	ok	0.17	0.3	1.91e-02	13.4	13.4	7.5	7.5	100.7	34.3	-36.9	385.3	-856.9	355.7
288	ok	0.17	0.2	1.65e-02	13.4	13.4	7.5	7.5	66.8	27.5	-44.6	-176.6	-813.9	291.0
289	ok	0.17	0.2	1.37e-02	13.4	13.4	7.5	7.5	21.5	32.3	-48.2	-147.6	-720.5	160.8
290	ok	0.17	0.2	1.37e-02	13.4	13.4	7.5	7.5	22.1	37.7	-48.2	-119.7	-487.9	94.8
291	ok	0.17	0.3	3.08e-02	13.4	13.4	7.5	7.5	-22.7	-76.7	34.5	253.1	-13.2	11.0
292	ok	0.17	0.3	1.50e-02	13.4	13.4	7.5	7.5	45.9	29.7	-28.1	2832.0	278.5	-206.1
293	ok	0.17	0.2	1.36e-02	13.4	13.4	7.5	7.5	45.0	37.2	-22.3	878.5	-337.2	235.6
294	ok	0.17	0.2	1.30e-02	13.4	13.4	7.5	7.5	40.4	30.5	-24.4	-298.2	-599.8	421.5
295	ok	0.17	0.2	1.25e-02	13.4	13.4	7.5	7.5	39.5	23.4	-24.4	-287.4	-509.3	342.7
296	ok	0.17	0.2	1.37e-02	13.4	13.4	7.5	7.5	28.1	36.6	-31.7	-206.0	-269.1	270.2
297	ok	0.17	0.2	1.94e-02	13.4	13.4	7.5	7.5	-21.1	-45.1	20.0	414.8	24.7	-18.2
298	ok	0.17	0.3	1.24e-02	13.4	13.4	7.5	7.5	13.2	25.8	-28.1	3401.6	346.8	-225.1
299	ok	0.17	0.1	1.16e-02	13.4	13.4	7.5	7.5	14.2	36.3	-21.1	1300.4	-7.4	106.5
300	ok	0.17	0.1	1.15e-02	13.4	13.4	7.5	7.5	14.7	32.2	-14.4	-281.0	-314.7	405.1
301	ok	0.17	0.1	1.11e-02	13.4	13.4	7.5	7.5	14.3	28.7	-14.4	-279.4	-301.1	396.0
302	ok	0.17	0.1	1.11e-02	13.4	13.4	7.5	7.5	-17.3	1.3	16.9	609.2	80.1	232.3
303	ok	0.17	8.52e-02	1.22e-02	13.4	13.4	7.5	7.5	-20.3	-23.6	16.9	607.2	63.4	293.0
304	ok	0.17	0.3	1.20e-02	13.4	13.4	7.5	7.5	-53.8	-7.3	12.8	-2148.4	-278.9	-19.1
305	ok	0.17	0.1	1.15e-02	13.4	13.4	7.5	7.5	-42.0	14.5	32.5	-122.5	-49.6	-219.4
306	ok	0.17	0.1	1.13e-02	13.4	13.4	7.5	7.5	-42.4	11.6	32.5	-124.9	-70.1	-209.4
307	ok	0.17	0.1	1.07e-02	13.4	13.4	7.5	7.5	-28.6	-4.3	17.4	538.7	88.1	-228.9
308	ok	0.17	9.63e-02	9.39e-03	13.4	13.4	7.5	7.5	-19.9	5.15e-02	13.7	728.4	128.3	216.9
309	ok	0.17	8.31e-02	1.02e-02	13.4	13.4	7.5	7.5	-22.8	-23.9	16.9	722.2	77.2	286.9
310	ok	0.17	0.4	1.24e-02	13.4	13.4	7.5	7.5	-57.5	-2.3	19.4	274.5	53.2	-237.5
311	ok	0.17	0.2	1.17e-02	13.4	13.4	7.5	7.5	-40.1	12.2	21.6	183.5	88.5	-154.2
312	ok	0.17	8.38e-02	1.11e-02	13.4	13.4	7.5	7.5	-39.9	14.0	21.6	181.5	71.7	-103.8
313	ok	0.17	8.53e-02	1.01e-02	13.4	13.4	7.5	7.5	-22.7	13.1	26.8	118.9	45.4	10.2
314	ok	0.17	9.56e-02	8.75e-03	13.4	13.4	7.5	7.5	-21.0	-7.43e-02	13.7	819.5	139.3	202.3
315	ok	0.17	8.06e-02	8.45e-03	13.4	13.4	7.5	7.5	-22.9	-16.6	13.7	814.7	99.3	250.4
316	ok	0.17	0.4	1.28e-02	13.4	13.4	7.5	7.5	-59.8	-2.6	19.4	283.5	54.3	-231.8
317	ok	0.17	0.2	1.18e-02	13.4	13.4	7.5	7.5	-44.9	7.5	17.8	280.6	113.4	-163.0
318	ok	0.17	7.47e-02	1.08e-02	13.4	13.4	7.5	7.5	-44.6	9.7	17.8	279.1	100.8	-117.3
319	ok	0.17	7.90e-02	9.47e-03	13.4	13.4	7.5	7.5	-26.3	10.0	22.2	180.5	70.4	-3.8
320	ok	0.17	9.01e-02	8.20e-03	13.4	13.4	7.5	7.5	-16.9	7.1	21.3	575.0	90.9	40.9
321	ok	0.17	8.11e-02	7.09e-03	13.4	13.4	7.5	7.5	-17.5	1.5	25.6	571.9	65.1	78.3
322	ok	0.17	0.4	1.32e-02	13.4	13.4	7.5	7.5	-62.8	-4.1	18.1	273.5	53.8	-221.2
323	ok	0.17	0.2	1.20e-02	13.4	13.4	7.5	7.5	-48.0	7.2	17.8	367.4	123.8	-167.7
324	ok	0.17	7.43e-02	1.05e-02	13.4	13.4	7.5	7.5	-47.8	9.3	17.8	365.9	111.2	-121.9

325	ok	0.17	6.96e-02	9.06e-03	13.4	13.4	7.5	7.5	-28.3	7.0	16.6	236.4	71.9	-20.4
326	ok	0.17	8.31e-02	7.74e-03	13.4	13.4	7.5	7.5	-17.7	7.0	21.3	622.4	96.6	31.8
327	ok	0.17	8.39e-02	6.75e-03	13.4	13.4	7.5	7.5	-18.2	2.8	21.3	619.5	71.9	56.9
328	ok	0.17	0.4	1.37e-02	13.4	13.4	7.5	7.5	-60.6	-0.4	8.1	1227.6	127.2	-268.3
329	ok	0.17	0.2	1.21e-02	13.4	13.4	7.5	7.5	-60.2	3.3	12.3	1237.4	208.5	-222.8
330	ok	0.17	7.55e-02	1.05e-02	13.4	13.4	7.5	7.5	-51.0	5.7	13.5	445.2	108.7	-128.0
331	ok	0.17	7.03e-02	9.04e-03	13.4	13.4	7.5	7.5	-29.7	6.9	16.6	284.9	77.8	-28.9
332	ok	0.17	8.56e-02	7.70e-03	13.4	13.4	7.5	7.5	-18.7	5.3	15.9	665.6	100.6	11.7
333	ok	0.17	8.63e-02	6.31e-03	13.4	13.4	7.5	7.5	-22.2	-3.8	5.4	744.4	72.1	178.8
334	ok	0.17	0.5	1.52e-02	13.4	13.4	7.5	7.5	-76.7	-2.3	10.8	2760.3	311.2	-260.9
335	ok	0.17	0.2	1.27e-02	13.4	13.4	7.5	7.5	-64.8	1.5	8.1	1317.6	159.6	-214.2
336	ok	0.17	8.13e-02	1.10e-02	13.4	13.4	7.5	7.5	-53.6	2.6	8.3	517.9	82.3	-122.5
337	ok	0.17	7.43e-02	9.69e-03	13.4	13.4	7.5	7.5	-31.2	4.2	10.6	325.9	57.9	-42.7
338	ok	0.17	8.81e-02	8.13e-03	13.4	13.4	7.5	7.5	-20.6	3.8	9.8	703.7	85.8	-2.5
339	ok	0.17	8.90e-02	6.16e-03	13.4	13.4	7.5	7.5	-24.2	-4.0	5.4	743.7	72.0	175.3
340	ok	0.17	0.5	1.47e-02	13.4	13.4	7.5	7.5	-75.9	0.2	4.1	2742.2	158.5	-224.8
341	ok	0.17	0.2	1.27e-02	13.4	13.4	7.5	7.5	-65.7	-2.31e-02	2.0	1413.1	99.1	-129.4
342	ok	0.17	7.61e-02	1.23e-02	13.4	13.4	7.5	7.5	-56.8	0.2	2.7	538.8	44.3	-83.3
343	ok	0.17	7.73e-02	1.09e-02	13.4	13.4	7.5	7.5	-49.4	-0.3	2.4	358.4	36.4	184.3
344	ok	0.17	9.27e-02	8.81e-03	13.4	13.4	7.5	7.5	-30.6	-1.3	0.3	150.3	-1.4	265.3
345	ok	0.17	9.19e-02	6.80e-03	13.4	13.4	7.5	7.5	-31.0	-4.8	0.3	149.4	-8.8	253.1

Nodo	**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N z**	**N o**	**N zo**	**M z**	**M o**	**M zo**
								-77.82	-76.66	-59.04	-2148.36	-899.28	-525.56
	0.17	0.46	0.05	13.40	13.40	7.54	7.54	301.65	149.23	34.50	3407.80	398.48	444.47

Nodo	**Stato**	**Max tau** daN/cm2	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr** daN/cm	**V sec** daN/cm
30	ok	3.76						
96	ok	2.56						
97	ok	2.41						
98	ok	2.48						
99	ok	2.56						
100	ok	2.59						
101	ok	2.57						
102	ok	2.54						
103	ok	2.62						
104	ok	3.13						
105	ok	2.17						
250	ok	3.99						
251	ok	1.45						
252	ok	1.14						
253	ok	0.87						
254	ok	0.81						
255	ok	0.61						
286	ok	2.97						
287	ok	1.30						
288	ok	0.61						
289	ok	0.62						
290	ok	0.75						
291	ok	0.90						
292	ok	2.16						
293	ok	1.32						
294	ok	0.54						
295	ok	0.40						
296	ok	0.68						
297	ok	1.07						
298	ok	2.23						
299	ok	1.32						
300	ok	0.69						
301	ok	0.41						
302	ok	0.64						
303	ok	1.24						
304	ok	2.30						
305	ok	1.40						
306	ok	0.76						
307	ok	0.42						
308	ok	0.64						
309	ok	1.24						
310	ok	2.35						
311	ok	1.48						
312	ok	0.82						
313	ok	0.41						
314	ok	0.61						
315	ok	1.22						
316	ok	2.38						

317	ok	1.54
318	ok	0.87
319	ok	0.41
320	ok	0.58
321	ok	1.15
322	ok	2.42
323	ok	1.61
324	ok	0.91
325	ok	0.44
326	ok	0.55
327	ok	1.06
328	ok	2.56
329	ok	1.67
330	ok	0.94
331	ok	0.47
332	ok	0.52
333	ok	0.97
334	ok	2.82
335	ok	1.51
336	ok	0.84
337	ok	0.38
338	ok	0.55
339	ok	0.93
340	ok	2.11
341	ok	2.11
342	ok	1.65
343	ok	1.28
344	ok	0.89
345	ok	1.00

Nodo	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
	3.99						

Macro Setto	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
5	30.00	1	2	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N z	N o	N zo	M z	M o	M zo
									daN/cm	daN/cm	daN/cm	daN	daN	daN
27	ok	0.17	0.5	4.92e-02	13.4	13.4	7.5	7.5	292.8	-2.3	3.4	1912.7	-0.5	118.9
185	ok	0.17	0.5	1.54e-02	13.4	13.4	7.5	7.5	-77.8	-11.6	-10.8	2764.1	342.7	292.8
186	ok	0.17	0.4	1.40e-02	13.4	13.4	7.5	7.5	-67.7	-12.0	-16.2	244.2	28.8	196.1
187	ok	0.17	0.4	1.35e-02	13.4	13.4	7.5	7.5	-63.7	-11.9	-18.1	271.5	37.3	215.9
188	ok	0.17	0.4	1.32e-02	13.4	13.4	7.5	7.5	-60.9	-11.8	-19.4	281.7	38.7	236.6
189	ok	0.17	0.4	1.29e-02	13.4	13.4	7.5	7.5	-58.6	-11.8	-20.1	272.5	36.4	255.3
190	ok	0.17	0.4	1.25e-02	13.4	13.4	7.5	7.5	-56.5	-12.0	-20.0	242.4	29.5	265.7
191	ok	0.17	0.3	1.22e-02	13.4	13.4	7.5	7.5	8.7	-12.1	28.1	3407.8	398.5	525.6
192	ok	0.17	0.3	1.46e-02	13.4	13.4	7.5	7.5	41.4	-8.2	28.1	2838.2	330.1	506.6
193	ok	0.17	0.3	1.95e-02	13.4	13.4	7.5	7.5	94.9	-10.9	30.3	2196.4	218.2	457.3
222	ok	0.17	0.5	1.49e-02	13.4	13.4	7.5	7.5	-77.0	-8.8	-4.1	2743.0	165.1	224.9
280	ok	0.17	0.5	4.99e-02	13.4	13.4	7.5	7.5	301.6	71.8	3.4	1848.3	-537.2	-29.0
281	ok	0.17	0.3	2.77e-02	13.4	13.4	7.5	7.5	188.3	44.8	36.9	32.2	-899.3	-444.5
282	ok	0.17	0.3	1.52e-02	13.4	13.4	7.5	7.5	133.3	35.5	42.5	54.2	-786.2	-324.8
283	ok	0.17	0.2	1.05e-02	13.4	13.4	7.5	7.5	47.5	35.4	48.2	-22.5	-705.5	-75.5
284	ok	0.17	0.2	1.10e-02	13.4	13.4	7.5	7.5	18.2	16.4	59.0	-216.3	-354.9	91.8
285	ok	0.17	0.3	3.00e-02	13.4	13.4	7.5	7.5	34.1	149.2	59.0	-174.0	-2.7	-26.6
346	ok	0.17	0.5	1.52e-02	13.4	13.4	7.5	7.5	-76.7	-2.3	-10.8	2760.3	311.2	260.9
347	ok	0.17	0.2	1.27e-02	13.4	13.4	7.5	7.5	-64.8	1.5	-8.1	1317.6	159.6	214.2
348	ok	0.17	8.13e-02	1.10e-02	13.4	13.4	7.5	7.5	-53.6	2.6	-8.3	517.9	82.3	122.5
349	ok	0.17	7.43e-02	9.69e-03	13.4	13.4	7.5	7.5	-41.1	0.7	-2.4	321.0	31.9	-168.9
350	ok	0.17	8.81e-02	8.13e-03	13.4	13.4	7.5	7.5	-20.6	3.8	-9.8	703.7	85.8	2.5
351	ok	0.17	8.90e-02	6.16e-03	13.4	13.4	7.5	7.5	-24.2	-4.0	-5.4	743.7	72.0	-175.3
352	ok	0.17	0.4	1.37e-02	13.4	13.4	7.5	7.5	-66.5	-1.1	-10.8	2699.8	303.9	249.3
353	ok	0.17	0.2	1.21e-02	13.4	13.4	7.5	7.5	-60.2	3.3	-12.3	1237.4	208.5	222.8
354	ok	0.17	7.55e-02	1.05e-02	13.4	13.4	7.5	7.5	-51.0	5.7	-13.5	445.2	108.7	128.0
355	ok	0.17	7.03e-02	9.04e-03	13.4	13.4	7.5	7.5	-29.7	6.9	-16.6	284.9	77.8	28.9
356	ok	0.17	8.56e-02	7.70e-03	13.4	13.4	7.5	7.5	-21.6	0.6	-5.4	745.5	81.4	-179.1
357	ok	0.17	8.63e-02	6.31e-03	13.4	13.4	7.5	7.5	-22.2	-3.8	-5.4	744.4	72.1	-178.8
358	ok	0.17	0.4	1.32e-02	13.4	13.4	7.5	7.5	-56.1	-1.8	-12.3	1154.8	190.5	268.8
359	ok	0.17	0.2	1.20e-02	13.4	13.4	7.5	7.5	-55.4	3.9	-12.3	1155.8	198.7	225.8
360	ok	0.17	7.43e-02	1.05e-02	13.4	13.4	7.5	7.5	-47.8	9.3	-17.8	365.9	111.2	121.9
361	ok	0.17	6.96e-02	9.06e-03	13.4	13.4	7.5	7.5	-28.3	7.0	-16.6	236.4	71.9	20.4

362	ok	0.17	8.31e-02	7.74e-03	13.4	13.4	7.5	7.5	-17.7	7.0	-21.3	622.4	96.6	-31.8
363	ok	0.17	8.39e-02	6.75e-03	13.4	13.4	7.5	7.5	-18.2	2.8	-21.3	619.5	71.9	-56.9
364	ok	0.17	0.4	1.28e-02	13.4	13.4	7.5	7.5	-59.8	-2.6	-19.4	283.5	54.3	231.8
365	ok	0.17	0.2	1.18e-02	13.4	13.4	7.5	7.5	-44.9	7.5	-17.8	280.6	113.4	163.0
366	ok	0.17	7.47e-02	1.08e-02	13.4	13.4	7.5	7.5	-44.6	9.7	-17.8	279.1	100.8	117.3
367	ok	0.17	7.90e-02	9.47e-03	13.4	13.4	7.5	7.5	-26.3	10.0	-22.2	180.5	70.4	3.8
368	ok	0.17	9.01e-02	8.20e-03	13.4	13.4	7.5	7.5	-16.9	7.1	-21.3	575.0	90.9	-40.9
369	ok	0.17	8.11e-02	7.09e-03	13.4	13.4	7.5	7.5	-17.5	1.5	-25.6	571.9	65.1	-78.3
370	ok	0.17	0.4	1.24e-02	13.4	13.4	7.5	7.5	-57.5	-2.3	-19.4	274.5	53.2	237.5
371	ok	0.17	0.2	1.17e-02	13.4	13.4	7.5	7.5	-40.1	12.2	-21.6	183.5	88.5	154.2
372	ok	0.17	8.38e-02	1.11e-02	13.4	13.4	7.5	7.5	-39.9	14.0	-21.6	181.5	71.7	103.8
373	ok	0.17	8.53e-02	1.01e-02	13.4	13.4	7.5	7.5	-22.7	13.1	-26.8	118.9	45.4	-10.2
374	ok	0.17	9.56e-02	8.75e-03	13.4	13.4	7.5	7.5	-21.0	-7.43e-02	-13.7	819.5	139.3	-202.3
375	ok	0.17	8.06e-02	8.45e-03	13.4	13.4	7.5	7.5	-22.9	-16.6	-13.7	814.7	99.3	-250.4
376	ok	0.17	0.3	1.20e-02	13.4	13.4	7.5	7.5	-55.0	0.7	-20.1	243.8	40.7	242.5
377	ok	0.17	0.1	1.15e-02	13.4	13.4	7.5	7.5	-42.0	14.5	-32.5	-122.5	-49.6	219.4
378	ok	0.17	0.1	1.13e-02	13.4	13.4	7.5	7.5	-42.4	11.6	-32.5	-124.9	-70.1	209.4
379	ok	0.17	0.1	1.07e-02	13.4	13.4	7.5	7.5	-28.6	-4.3	-17.4	538.7	88.1	228.9
380	ok	0.17	9.63e-02	9.39e-03	13.4	13.4	7.5	7.5	-19.9	5.15e-02	-13.7	728.4	128.3	-216.9
381	ok	0.17	8.31e-02	1.02e-02	13.4	13.4	7.5	7.5	-22.8	-23.9	-16.9	722.2	77.2	-286.9
382	ok	0.17	0.3	1.24e-02	13.4	13.4	7.5	7.5	-60.7	-8.2	-12.8	-1902.9	-249.4	12.7
383	ok	0.17	0.1	1.16e-02	13.4	13.4	7.5	7.5	16.0	36.5	15.0	158.8	-144.4	-271.6
384	ok	0.17	0.1	1.15e-02	13.4	13.4	7.5	7.5	14.7	32.2	14.4	-281.0	-314.7	-405.1
385	ok	0.17	0.1	1.11e-02	13.4	13.4	7.5	7.5	-32.9	0.6	-26.7	447.2	80.6	227.4
386	ok	0.17	0.1	1.11e-02	13.4	13.4	7.5	7.5	-17.3	1.3	-16.9	609.2	80.1	-232.3
387	ok	0.17	8.52e-02	1.22e-02	13.4	13.4	7.5	7.5	-20.3	-23.6	-16.9	607.2	63.4	-293.0
388	ok	0.17	0.3	1.50e-02	13.4	13.4	7.5	7.5	45.9	29.7	28.1	2832.0	278.5	206.1
389	ok	0.17	0.2	1.36e-02	13.4	13.4	7.5	7.5	45.0	37.2	22.3	878.5	-337.2	-235.6
390	ok	0.17	0.2	1.30e-02	13.4	13.4	7.5	7.5	40.4	30.5	24.4	-298.2	-599.8	-421.5
391	ok	0.17	0.2	1.25e-02	13.4	13.4	7.5	7.5	39.5	23.4	24.4	-287.4	-509.3	-342.7
392	ok	0.17	0.2	1.37e-02	13.4	13.4	7.5	7.5	-17.9	-18.7	-20.0	418.4	54.5	89.8
393	ok	0.17	0.2	1.94e-02	13.4	13.4	7.5	7.5	-21.1	-45.1	-20.0	414.8	24.7	18.2
394	ok	0.17	0.3	1.98e-02	13.4	13.4	7.5	7.5	99.8	29.7	28.6	2121.0	-410.1	84.4
395	ok	0.17	0.3	1.91e-02	13.4	13.4	7.5	7.5	100.7	34.3	36.9	385.3	-856.9	-355.7
396	ok	0.17	0.2	1.65e-02	13.4	13.4	7.5	7.5	66.8	27.5	44.6	-176.6	-813.9	-291.0
397	ok	0.17	0.2	1.37e-02	13.4	13.4	7.5	7.5	21.5	32.3	48.2	-147.6	-720.5	-160.8
398	ok	0.17	0.2	1.37e-02	13.4	13.4	7.5	7.5	53.2	39.6	31.7	-110.5	-257.6	-184.4
399	ok	0.17	0.3	3.08e-02	13.4	13.4	7.5	7.5	-22.7	-76.7	-34.5	253.1	-13.2	-11.0
463	ok	0.17	0.5	1.47e-02	13.4	13.4	7.5	7.5	-75.9	0.2	-4.1	2742.2	158.5	224.8
464	ok	0.17	0.2	1.27e-02	13.4	13.4	7.5	7.5	-65.7	-2.31e-02	-2.0	1413.1	99.1	129.4
465	ok	0.17	7.61e-02	1.23e-02	13.4	13.4	7.5	7.5	-56.8	0.2	-2.7	538.8	44.3	83.3
466	ok	0.17	7.73e-02	1.09e-02	13.4	13.4	7.5	7.5	-49.4	-0.3	-2.4	358.4	36.4	-184.3
467	ok	0.17	9.27e-02	8.81e-03	13.4	13.4	7.5	7.5	-30.6	-1.3	-0.3	150.3	-1.4	-265.3
468	ok	0.17	9.19e-02	6.80e-03	13.4	13.4	7.5	7.5	-31.0	-4.8	-0.3	149.4	-8.8	-253.1

Nodo	**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N z**	**N o**	**N zo**	**M z**	**M o**	**M zo**
								-77.82	-76.66	-34.50	-1902.92	-899.28	-444.47
	0.17	0.46	0.05	13.40	13.40	7.54	7.54	301.65	149.23	59.04	3407.80	398.48	525.56

Nodo	**Stato**	**Max tau** daN/cm2	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr** daN/cm	**V sec** daN/cm
27	ok	3.76						
185	ok	3.13						
186	ok	2.62						
187	ok	2.54						
188	ok	2.57						
189	ok	2.59						
190	ok	2.56						
191	ok	2.48						
192	ok	2.41						
193	ok	2.56						
222	ok	2.17						
280	ok	3.99						
281	ok	1.45						
282	ok	1.14						
283	ok	0.87						
284	ok	0.81						
285	ok	0.61						
346	ok	2.82						
347	ok	1.51						
348	ok	0.84						
349	ok	0.38						
350	ok	0.55						
351	ok	0.93						
352	ok	2.56						
353	ok	1.67						

354	ok	0.94
355	ok	0.47
356	ok	0.52
357	ok	0.97
358	ok	2.42
359	ok	1.61
360	ok	0.91
361	ok	0.44
362	ok	0.55
363	ok	1.06
364	ok	2.38
365	ok	1.54
366	ok	0.87
367	ok	0.41
368	ok	0.58
369	ok	1.15
370	ok	2.35
371	ok	1.48
372	ok	0.82
373	ok	0.41
374	ok	0.61
375	ok	1.22
376	ok	2.30
377	ok	1.40
378	ok	0.76
379	ok	0.42
380	ok	0.64
381	ok	1.24
382	ok	2.23
383	ok	1.32
384	ok	0.69
385	ok	0.41
386	ok	0.64
387	ok	1.24
388	ok	2.16
389	ok	1.32
390	ok	0.54
391	ok	0.40
392	ok	0.68
393	ok	1.07
394	ok	2.97
395	ok	1.30
396	ok	0.61
397	ok	0.62
398	ok	0.75
399	ok	0.90
463	ok	2.11
464	ok	2.11
465	ok	1.65
466	ok	1.28
467	ok	0.89
468	ok	1.00

Nodo	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
	3.99						

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
1	35.00	1	1	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy
									daN/cm	daN/cm	daN/cm	daN	daN	daN
1	ok	0.15	0.4	9.41e-03	13.4	13.4	13.4	13.4	30.5	-27.4	17.3	-4659.0	-1718.6	-1651.0
2	ok	0.15	0.4	9.67e-03	13.4	13.4	13.4	13.4	35.1	10.8	17.3	-4573.7	-1007.7	-1432.1
3	ok	0.15	0.4	1.09e-02	13.4	13.4	13.4	13.4	-4.6	6.5	24.5	-4832.2	-1985.0	-805.0
4	ok	0.15	0.4	1.12e-02	13.4	13.4	13.4	13.4	20.7	19.6	-25.2	-4722.6	-2592.8	-1669.3
5	ok	0.15	0.2	8.02e-03	13.4	13.4	13.4	13.4	3.6	0.9	8.2	-3365.4	-685.3	-237.1
6	ok	0.15	0.2	9.77e-03	13.4	13.4	13.4	13.4	-1.0	6.0	-9.3	-2489.8	-1420.3	155.9
7	ok	0.15	0.4	9.67e-03	13.4	13.4	13.4	13.4	44.5	11.7	-20.8	-4855.6	-1011.3	1285.2
8	ok	0.15	0.4	1.09e-02	13.4	13.4	13.4	13.4	-4.6	6.5	-24.5	-4832.2	-1985.0	805.0
9	ok	0.15	0.4	9.41e-03	13.4	13.4	13.4	13.4	30.5	-27.4	-17.3	-4659.0	-1718.6	1651.0
10	ok	0.15	0.4	1.12e-02	13.4	13.4	13.4	13.4	20.7	19.6	25.2	-4722.6	-2592.8	1669.3

11	ok	0.15	0.3	1.21e-02	13.4	13.4	13.4	13.4	-16.5	5.1	24.5	-3832.7	-1865.0	-522.0
12	ok	0.15	0.4	1.21e-02	13.4	13.4	13.4	13.4	-3.7	16.7	-25.2	-3662.3	-2465.6	-1995.0
13	ok	0.15	0.1	1.09e-02	13.4	13.4	13.4	13.4	-11.3	4.8	9.3	-1846.3	-1343.1	-21.7
14	ok	0.15	0.3	1.21e-02	13.4	13.4	13.4	13.4	-16.5	5.1	-24.5	-3832.7	-1865.0	522.0
15	ok	0.15	0.4	1.21e-02	13.4	13.4	13.4	13.4	-3.7	16.7	25.2	-3662.3	-2465.6	1995.0
16	ok	0.15	0.2	1.07e-02	13.4	13.4	13.4	13.4	-23.8	7.6	18.1	-2431.1	-1106.2	-417.6
17	ok	0.15	0.2	1.07e-02	13.4	13.4	13.4	13.4	-9.0	26.2	-15.7	-1940.4	-945.7	-1732.6
18	ok	0.15	9.30e-02	1.01e-02	13.4	13.4	13.4	13.4	-20.2	7.8	-9.0	-1526.5	-899.2	-28.6
19	ok	0.15	0.2	1.07e-02	13.4	13.4	13.4	13.4	-23.8	7.6	-18.1	-2431.1	-1106.2	417.6
20	ok	0.15	0.2	1.07e-02	13.4	13.4	13.4	13.4	-9.0	26.2	15.7	-1940.4	-945.7	1732.6
21	ok	0.15	0.2	8.63e-03	13.4	13.4	13.4	13.4	-27.4	14.3	5.4	-1030.5	2143.2	144.5
22	ok	0.15	0.2	8.65e-03	13.4	13.4	13.4	13.4	-28.3	-15.2	-2.1	-193.9	2000.8	-1199.5
23	ok	0.15	0.2	8.39e-03	13.4	13.4	13.4	13.4	-27.9	10.7	-5.4	-1049.6	1983.7	-122.9
24	ok	0.15	0.2	8.63e-03	13.4	13.4	13.4	13.4	-27.4	14.3	-5.4	-1030.5	2143.2	-144.5
25	ok	0.15	0.2	8.65e-03	13.4	13.4	13.4	13.4	-28.3	-15.2	2.1	-193.9	2000.8	1199.5
26	ok	0.15	0.2	8.14e-03	13.4	13.4	13.4	13.4	-22.8	9.0	16.9	875.9	2661.3	-379.6
27	ok	0.15	0.3	8.56e-03	13.4	13.4	13.4	13.4	-38.4	43.9	0.4	1373.0	3654.2	-556.9
28	ok	0.15	0.2	6.45e-03	13.4	13.4	13.4	13.4	-28.1	9.6	-3.2	-1062.8	2300.3	-57.1
29	ok	0.15	0.2	8.14e-03	13.4	13.4	13.4	13.4	-22.8	9.0	-16.9	875.9	2661.3	379.6
30	ok	0.15	0.3	8.56e-03	13.4	13.4	13.4	13.4	-38.4	43.9	-0.4	1373.0	3654.2	556.9
31	ok	0.15	0.2	6.72e-03	13.4	13.4	13.4	13.4	-33.5	7.7	16.9	736.0	2644.5	-821.5
32	ok	0.15	0.3	7.61e-03	13.4	13.4	13.4	13.4	-31.2	44.8	0.4	1445.8	3663.0	-550.1
33	ok	0.15	0.2	4.81e-03	13.4	13.4	13.4	13.4	-26.4	9.8	4.0	-203.2	2403.5	-279.3
34	ok	0.15	0.2	6.72e-03	13.4	13.4	13.4	13.4	-33.5	7.7	-16.9	736.0	2644.5	821.5
35	ok	0.15	0.3	7.61e-03	13.4	13.4	13.4	13.4	-31.2	44.8	-0.4	1445.8	3663.0	550.1
36	ok	0.15	0.1	6.34e-03	13.4	13.4	13.4	13.4	-35.2	11.1	6.9	695.6	1582.6	-587.2
37	ok	0.15	0.1	6.51e-03	13.4	13.4	13.4	13.4	-35.4	19.6	1.6	978.9	1196.1	-664.0
38	ok	0.15	0.1	5.87e-03	13.4	13.4	13.4	13.4	-33.9	6.1	4.4	277.7	1605.8	-244.8
39	ok	0.15	0.1	6.34e-03	13.4	13.4	13.4	13.4	-35.2	11.1	-6.9	695.6	1582.6	587.2
40	ok	0.15	0.1	6.51e-03	13.4	13.4	13.4	13.4	-35.4	19.6	-1.6	978.9	1196.1	664.0
41	ok	0.15	6.01e-02	7.18e-03	13.4	13.4	13.4	13.4	-40.7	3.6	2.7	646.2	399.6	-376.1
42	ok	0.15	7.02e-02	7.85e-03	13.4	13.4	13.4	13.4	-43.8	5.3	1.1	847.1	328.3	-464.2
43	ok	0.15	4.57e-02	6.40e-03	13.4	13.4	13.4	13.4	-37.1	3.0	1.6	415.3	497.2	-148.4
44	ok	0.15	6.01e-02	7.18e-03	13.4	13.4	13.4	13.4	-40.7	3.6	-2.7	646.2	399.6	376.1
45	ok	0.15	7.02e-02	7.85e-03	13.4	13.4	13.4	13.4	-43.8	5.3	-1.1	847.1	328.3	464.2
46	ok	0.15	0.4	9.79e-03	13.4	13.4	13.4	13.4	33.8	4.8	12.0	-4051.3	-924.8	949.8
47	ok	0.15	0.4	5.60e-03	13.4	13.4	13.4	13.4	18.1	-1.7	25.2	-4637.9	-1887.3	2113.9
48	ok	0.15	0.2	6.20e-03	13.4	13.4	13.4	13.4	12.0	-3.0	6.2	-1754.5	-463.6	1804.5
49	ok	0.15	0.2	4.40e-03	13.4	13.4	13.4	13.4	8.9	-8.2	11.6	-1024.0	-897.6	2489.5
50	ok	0.15	0.2	4.45e-03	13.4	13.4	13.4	13.4	1.1	-4.5	1.4	1451.0	-41.2	2048.2
51	ok	0.15	0.2	3.52e-03	13.4	13.4	13.4	13.4	2.2	-12.0	4.8	1313.6	-311.6	2667.4
52	ok	0.15	0.2	3.49e-03	13.4	13.4	13.4	13.4	-3.92e-02	-4.7	1.0	1872.4	35.8	1892.8
53	ok	0.15	0.2	2.95e-03	13.4	13.4	13.4	13.4	0.3	-13.1	3.2	1645.0	-130.6	2452.2
54	ok	0.15	0.2	2.73e-03	13.4	13.4	13.4	13.4	-3.46e-02	-4.7	1.0	1875.6	62.1	1804.6
55	ok	0.15	0.2	2.51e-03	13.4	13.4	13.4	13.4	0.2	-13.5	3.2	1652.4	-68.9	2284.9
56	ok	0.15	0.2	2.16e-03	13.4	13.4	13.4	13.4	-0.7	-4.8	0.8	1944.7	94.3	1533.7
57	ok	0.15	0.2	2.51e-03	13.4	13.4	13.4	13.4	-0.7	-14.0	2.4	1668.4	-49.7	1930.8
58	ok	0.15	0.2	1.71e-03	13.4	13.4	13.4	13.4	-1.2	-4.8	0.7	1800.8	104.7	1234.1
59	ok	0.15	0.2	2.48e-03	13.4	13.4	13.4	13.4	-1.0	-14.1	2.0	1508.7	-62.6	1553.1
60	ok	0.15	0.1	1.33e-03	13.4	13.4	13.4	13.4	-1.6	-4.7	0.7	1520.0	110.9	928.9
61	ok	0.15	0.1	2.49e-03	13.4	13.4	13.4	13.4	-1.1	-13.8	1.8	1229.2	-71.3	1187.8
62	ok	0.15	9.93e-02	8.99e-04	13.4	13.4	13.4	13.4	-1.6	-4.6	0.4	1070.0	173.2	641.9
63	ok	0.15	9.76e-02	2.44e-03	13.4	13.4	13.4	13.4	-1.0	-13.2	1.4	808.0	2.2	909.2
64	ok	0.15	4.50e-02	8.26e-04	13.4	13.4	13.4	13.4	-0.8	-4.9	1.47e-02	395.6	196.3	345.3
65	ok	0.15	5.20e-02	2.38e-03	13.4	13.4	13.4	13.4	-0.8	-13.7	0.6	269.5	61.5	621.8
66	ok	0.15	0.4	5.22e-03	13.4	13.4	13.4	13.4	-6.3	-4.6	25.2	-3577.7	-1760.1	2439.6
67	ok	0.15	0.2	3.74e-03	13.4	13.4	13.4	13.4	1.9	-13.9	13.9	-789.6	-991.7	2841.3
68	ok	0.15	0.2	3.81e-03	13.4	13.4	13.4	13.4	-0.3	-18.1	7.0	1026.1	-664.7	2718.6
69	ok	0.15	0.2	3.84e-03	13.4	13.4	13.4	13.4	-0.6	-20.4	7.0	1026.3	-663.6	2572.1
70	ok	0.15	0.2	3.99e-03	13.4	13.4	13.4	13.4	-1.5	-21.8	4.7	1181.1	-718.0	2239.6
71	ok	0.15	0.2	4.10e-03	13.4	13.4	13.4	13.4	-1.7	-22.8	3.3	1123.7	-820.3	1868.2
72	ok	0.15	0.1	4.15e-03	13.4	13.4	13.4	13.4	-1.5	-23.5	2.5	945.7	-921.6	1504.0
73	ok	0.15	0.1	4.21e-03	13.4	13.4	13.4	13.4	-1.1	-23.3	2.4	695.0	-990.1	1179.7
74	ok	0.15	9.29e-02	4.09e-03	13.4	13.4	13.4	13.4	-0.8	-21.6	2.5	380.9	-1009.1	1000.6
75	ok	0.15	8.60e-02	3.86e-03	13.4	13.4	13.4	13.4	-0.6	-20.9	1.3	65.0	-1019.5	765.6
76	ok	0.15	0.3	4.36e-03	13.4	13.4	13.4	13.4	-12.9	-6.3	15.7	-1976.6	-1248.0	2387.7
77	ok	0.15	0.2	4.80e-03	13.4	13.4	13.4	13.4	-8.7	-15.2	13.9	-531.2	-960.7	2894.7
78	ok	0.15	0.2	4.90e-03	13.4	13.4	13.4	13.4	-5.8	-24.0	6.8	636.8	-1039.9	2635.8
79	ok	0.15	0.2	5.13e-03	13.4	13.4	13.4	13.4	-6.2	-27.7	6.8	586.3	-1461.4	2472.7
80	ok	0.15	0.2	5.48e-03	13.4	13.4	13.4	13.4	-5.1	-29.9	4.6	615.6	-1829.3	2107.0
81	ok	0.15	0.2	5.66e-03	13.4	13.4	13.4	13.4	-4.1	-31.4	3.2	518.3	-2157.4	1738.7
82	ok	0.15	0.2	5.78e-03	13.4	13.4	13.4	13.4	-2.9	-32.5	2.2	349.2	-2424.2	1407.3
83	ok	0.15	0.2	6.07e-03	13.4	13.4	13.4	13.4	-1.3	-33.8	1.6	152.5	-2612.6	1129.4
84	ok	0.15	0.2	6.00e-03	13.4	13.4	13.4	13.4	-0.3	-31.2	2.9	-11.3	-2765.1	984.2
85	ok	0.15	0.2	5.07e-03	13.4	13.4	13.4	13.4	0.1	-24.4	2.9	-108.8	-2874.6	791.5
86	ok	0.15	0.2	5.70e-03	13.4	13.4	13.4	13.4	-22.2	-26.3	7.6	115.8	736.8	2101.2
87	ok	0.15	0.2	5.79e-03	13.4	13.4	13.4	13.4	-16.0	-20.8	9.9	151.9	-644.0	2641.2

88	ok	0.15	0.2	5.89e-03	13.4	13.4	13.4	13.4	-12.2	-31.1	4.1	181.5	-1641.2	2123.6
89	ok	0.15	0.2	6.61e-03	13.4	13.4	13.4	13.4	-12.8	-35.8	4.1	64.6	-2615.9	2017.6
90	ok	0.15	0.3	7.02e-03	13.4	13.4	13.4	13.4	-9.5	-38.3	3.0	1.7	-3370.2	1721.9
91	ok	0.15	0.3	7.23e-03	13.4	13.4	13.4	13.4	-7.2	-39.9	2.1	-110.6	-3956.3	1424.2
92	ok	0.15	0.3	7.38e-03	13.4	13.4	13.4	13.4	-5.2	-41.3	1.2	-246.4	-4421.0	1165.0
93	ok	0.15	0.3	7.74e-03	13.4	13.4	13.4	13.4	-3.0	-42.7	0.4	-395.0	-4804.1	965.9
94	ok	0.15	0.3	8.91e-03	13.4	13.4	13.4	13.4	0.3	-47.4	6.39e-03	-460.8	-5140.5	841.7
95	ok	0.15	0.4	6.36e-03	13.4	13.4	13.4	13.4	3.3	-18.0	6.3	-251.1	-5214.4	520.3
96	ok	0.15	0.3	8.07e-03	13.4	13.4	13.4	13.4	-38.8	40.6	-0.4	1371.3	3639.5	587.5
97	ok	0.15	0.3	6.54e-03	13.4	13.4	13.4	13.4	-26.5	27.2	12.2	611.7	2780.4	1148.4
98	ok	0.15	0.2	5.97e-03	13.4	13.4	13.4	13.4	-5.7	24.4	18.8	392.4	2349.9	1114.4
99	ok	0.15	0.2	6.66e-03	13.4	13.4	13.4	13.4	-16.9	-36.3	4.1	-188.2	-2646.2	1567.7
100	ok	0.15	0.2	7.04e-03	13.4	13.4	13.4	13.4	-12.7	-38.7	3.0	-315.6	-3408.3	1372.2
101	ok	0.15	0.3	7.24e-03	13.4	13.4	13.4	13.4	-9.3	-40.1	2.1	-422.6	-3993.7	1156.0
102	ok	0.15	0.3	7.38e-03	13.4	13.4	13.4	13.4	-6.4	-41.4	1.2	-513.7	-4453.1	955.0
103	ok	0.15	0.3	7.74e-03	13.4	13.4	13.4	13.4	-4.6	-42.9	0.4	-587.0	-4827.1	794.8
104	ok	0.15	0.3	8.98e-03	13.4	13.4	13.4	13.4	-4.4	-48.0	6.39e-03	-613.4	-5158.8	687.8
105	ok	0.15	0.4	6.39e-03	13.4	13.4	13.4	13.4	0.2	-18.4	6.3	-456.7	-5239.1	473.9
106	ok	0.15	0.3	6.16e-03	13.4	13.4	13.4	13.4	-31.6	41.4	-0.4	1444.1	3648.2	580.7
107	ok	0.15	0.3	5.93e-03	13.4	13.4	13.4	13.4	-28.8	26.9	12.2	1073.8	2835.9	788.7
108	ok	0.15	0.2	4.80e-03	13.4	13.4	13.4	13.4	-21.8	22.5	12.9	588.7	2132.7	972.1
109	ok	0.15	0.2	3.85e-03	13.4	13.4	13.4	13.4	-14.5	20.5	18.8	316.1	1906.8	901.3
110	ok	0.15	0.2	2.95e-03	13.4	13.4	13.4	13.4	3.7	-9.8	-9.4	-252.6	-2428.4	-216.7
111	ok	0.15	0.2	2.48e-03	13.4	13.4	13.4	13.4	3.7	-9.7	-9.4	-247.8	-2388.3	-195.8
112	ok	0.15	0.2	2.33e-03	13.4	13.4	13.4	13.4	1.9	-10.0	-7.6	-227.6	-2373.1	-159.7
113	ok	0.15	0.2	2.16e-03	13.4	13.4	13.4	13.4	0.8	-10.3	-5.6	-218.3	-2369.4	-123.5
114	ok	0.15	0.2	2.66e-03	13.4	13.4	13.4	13.4	1.1	-12.9	-3.5	-196.6	-2362.5	-89.3
115	ok	0.15	0.2	2.09e-03	13.4	13.4	13.4	13.4	1.9	1.1	-4.6	-106.6	-2317.3	-22.4
116	ok	0.15	0.1	6.50e-03	13.4	13.4	13.4	13.4	-35.2	20.9	-1.6	993.0	1313.9	591.3
117	ok	0.15	0.1	6.11e-03	13.4	13.4	13.4	13.4	-33.3	16.7	5.0	973.1	1312.3	586.5
118	ok	0.15	0.1	5.51e-03	13.4	13.4	13.4	13.4	-28.9	13.6	7.8	645.8	1079.9	689.9
119	ok	0.15	0.1	4.58e-03	13.4	13.4	13.4	13.4	-23.5	12.6	7.8	294.0	815.3	774.3
120	ok	0.15	9.75e-02	3.60e-03	13.4	13.4	13.4	13.4	-12.3	12.7	9.4	-109.7	720.8	682.7
121	ok	0.15	8.41e-02	2.65e-03	13.4	13.4	13.4	13.4	-8.3	12.7	7.6	-214.2	589.5	612.3
122	ok	0.15	7.19e-02	1.90e-03	13.4	13.4	13.4	13.4	-8.3	13.0	7.6	-224.7	502.4	559.3
123	ok	0.15	6.15e-02	1.46e-03	13.4	13.4	13.4	13.4	-5.5	14.5	6.1	-260.0	425.9	445.1
124	ok	0.15	6.34e-02	1.30e-03	13.4	13.4	13.4	13.4	7.30e-02	-6.2	-2.2	-30.6	-938.9	-57.9
125	ok	0.15	6.48e-02	8.76e-04	13.4	13.4	13.4	13.4	0.3	-4.1	-2.2	-31.9	-949.2	-96.0
126	ok	0.15	6.84e-02	7.84e-03	13.4	13.4	13.4	13.4	-42.9	5.9	1.4	839.9	250.3	471.5
127	ok	0.15	6.60e-02	7.79e-03	13.4	13.4	13.4	13.4	-43.0	4.8	1.4	845.8	299.4	469.1
128	ok	0.15	5.59e-02	6.89e-03	13.4	13.4	13.4	13.4	-37.9	4.0	2.9	614.4	286.0	505.6
129	ok	0.15	4.95e-02	5.54e-03	13.4	13.4	13.4	13.4	-30.8	3.7	3.1	276.4	219.9	557.6
130	ok	0.15	4.28e-02	4.19e-03	13.4	13.4	13.4	13.4	-18.2	4.5	2.0	-237.8	124.4	563.1
131	ok	0.15	4.15e-02	3.13e-03	13.4	13.4	13.4	13.4	-13.6	4.6	1.6	-371.4	77.7	505.3
132	ok	0.15	4.14e-02	2.34e-03	13.4	13.4	13.4	13.4	-13.6	4.4	1.6	-374.8	49.8	473.3
133	ok	0.15	3.93e-02	1.59e-03	13.4	13.4	13.4	13.4	-9.2	4.7	1.6	-427.1	17.0	372.0
134	ok	0.15	3.29e-02	9.71e-04	13.4	13.4	13.4	13.4	-4.4	3.9	1.9	-364.5	-28.4	262.5
135	ok	0.15	1.77e-02	4.01e-04	13.4	13.4	13.4	13.4	-2.0	2.0	0.3	-101.6	-146.3	91.8
136	ok	0.15	9.93e-02	8.99e-04	13.4	13.4	13.4	13.4	-1.6	-4.6	-0.4	1070.0	173.2	-641.9
137	ok	0.15	9.76e-02	2.44e-03	13.4	13.4	13.4	13.4	-1.0	-13.2	-1.4	808.0	2.2	-909.2
138	ok	0.15	0.1	1.33e-03	13.4	13.4	13.4	13.4	-1.6	-4.7	-0.7	1520.0	110.9	-928.9
139	ok	0.15	0.1	2.49e-03	13.4	13.4	13.4	13.4	-1.1	-13.8	-1.8	1229.2	-71.3	-1187.8
140	ok	0.15	0.2	1.71e-03	13.4	13.4	13.4	13.4	-1.2	-4.8	-0.7	1800.8	104.7	-1234.1
141	ok	0.15	0.2	2.48e-03	13.4	13.4	13.4	13.4	-1.0	-14.1	-2.0	1508.7	-62.6	-1553.1
142	ok	0.15	0.2	2.16e-03	13.4	13.4	13.4	13.4	-0.7	-4.8	-0.8	1944.7	94.3	-1533.7
143	ok	0.15	0.2	2.51e-03	13.4	13.4	13.4	13.4	-0.7	-14.0	-2.4	1668.4	-49.7	-1930.8
144	ok	0.15	0.2	2.73e-03	13.4	13.4	13.4	13.4	-3.45e-02	-4.7	-1.0	1875.6	62.1	-1804.6
145	ok	0.15	0.2	2.51e-03	13.4	13.4	13.4	13.4	0.2	-13.5	-3.2	1652.4	-68.9	-2284.9
146	ok	0.15	0.2	3.49e-03	13.4	13.4	13.4	13.4	-3.91e-02	-4.7	-1.0	1872.4	35.8	-1892.8
147	ok	0.15	0.2	2.95e-03	13.4	13.4	13.4	13.4	0.3	-13.1	-3.2	1645.0	-130.6	-2452.2
148	ok	0.15	0.2	4.45e-03	13.4	13.4	13.4	13.4	1.1	-4.5	-1.4	1451.0	-41.2	-2048.2
149	ok	0.15	0.2	3.52e-03	13.4	13.4	13.4	13.4	2.2	-12.0	-4.8	1313.6	-311.6	-2667.4
150	ok	0.15	0.2	6.20e-03	13.4	13.4	13.4	13.4	12.0	-3.0	-6.2	-1754.5	-463.6	-1804.5
151	ok	0.15	0.2	4.40e-03	13.4	13.4	13.4	13.4	8.9	-8.2	-11.6	-1024.0	-897.6	-2489.5
152	ok	0.15	0.4	9.79e-03	13.4	13.4	13.4	13.4	42.9	4.6	-10.6	-4360.5	-935.2	-739.2
153	ok	0.15	0.4	5.60e-03	13.4	13.4	13.4	13.4	18.1	-1.7	-25.2	-4637.9	-1887.3	-2113.9
154	ok	0.15	4.14e-02	2.34e-03	13.4	13.4	13.4	13.4	-13.6	4.4	-1.6	-374.8	49.8	-473.3
155	ok	0.15	9.29e-02	4.09e-03	13.4	13.4	13.4	13.4	-0.8	-21.6	-2.5	380.9	-1009.1	-1000.6
156	ok	0.15	0.1	4.21e-03	13.4	13.4	13.4	13.4	-1.1	-23.3	-2.4	695.0	-990.1	-1179.7
157	ok	0.15	0.1	4.15e-03	13.4	13.4	13.4	13.4	-1.5	-23.5	-2.5	945.7	-921.6	-1504.0
158	ok	0.15	0.2	4.10e-03	13.4	13.4	13.4	13.4	-1.7	-22.8	-3.3	1123.7	-820.3	-1868.2
159	ok	0.15	0.2	3.99e-03	13.4	13.4	13.4	13.4	-1.5	-21.8	-4.7	1181.1	-718.0	-2239.6
160	ok	0.15	0.2	3.84e-03	13.4	13.4	13.4	13.4	-0.6	-20.4	-7.0	1026.3	-663.6	-2572.1
161	ok	0.15	0.2	3.81e-03	13.4	13.4	13.4	13.4	-0.3	-18.1	-7.0	1026.1	-664.7	-2718.6
162	ok	0.15	0.2	3.74e-03	13.4	13.4	13.4	13.4	1.9	-13.9	-13.9	-789.6	-991.7	-2841.3
163	ok	0.15	0.4	5.22e-03	13.4	13.4	13.4	13.4	-6.3	-4.6	-25.2	-3577.7	-1760.1	-2439.6
164	ok	0.15	4.15e-02	3.13e-03	13.4	13.4	13.4	13.4	-13.6	4.6	-1.6	-371.4	77.7	-505.3

165	ok	0.15	0.2	6.00e-03	13.4	13.4	13.4	13.4	-0.3	-31.2	-2.9	-11.3	-2765.1	-984.2
166	ok	0.15	0.2	6.07e-03	13.4	13.4	13.4	13.4	-1.3	-33.8	-1.6	152.5	-2612.6	-1129.4
167	ok	0.15	0.2	5.78e-03	13.4	13.4	13.4	13.4	-2.9	-32.5	-2.2	349.2	-2424.2	-1407.3
168	ok	0.15	0.2	5.66e-03	13.4	13.4	13.4	13.4	-4.1	-31.4	-3.2	518.3	-2157.4	-1738.7
169	ok	0.15	0.2	5.48e-03	13.4	13.4	13.4	13.4	-5.1	-29.9	-4.6	615.6	-1829.3	-2107.0
170	ok	0.15	0.2	5.13e-03	13.4	13.4	13.4	13.4	-6.2	-27.7	-6.8	586.3	-1461.4	-2472.7
171	ok	0.15	0.2	4.90e-03	13.4	13.4	13.4	13.4	-5.8	-24.0	-6.8	636.8	-1039.9	-2635.8
172	ok	0.15	0.2	4.80e-03	13.4	13.4	13.4	13.4	-8.7	-15.2	-13.9	-531.2	-960.7	-2894.7
173	ok	0.15	0.3	4.36e-03	13.4	13.4	13.4	13.4	-12.9	-6.3	-15.7	-1976.6	-1248.0	-2387.7
174	ok	0.15	4.28e-02	4.19e-03	13.4	13.4	13.4	13.4	-18.2	4.5	-2.0	-237.8	124.4	-563.1
175	ok	0.15	0.3	8.91e-03	13.4	13.4	13.4	13.4	0.3	-47.4	-6.40e-03	-460.8	-5140.5	-841.7
176	ok	0.15	0.3	7.74e-03	13.4	13.4	13.4	13.4	-3.0	-42.7	-0.4	-395.0	-4804.1	-965.9
177	ok	0.15	0.3	7.38e-03	13.4	13.4	13.4	13.4	-5.2	-41.3	-1.2	-246.4	-4421.0	-1165.0
178	ok	0.15	0.3	7.23e-03	13.4	13.4	13.4	13.4	-7.2	-39.9	-2.1	-110.6	-3956.3	-1424.2
179	ok	0.15	0.3	7.02e-03	13.4	13.4	13.4	13.4	-9.5	-38.3	-3.0	1.7	-3370.2	-1721.9
180	ok	0.15	0.2	6.61e-03	13.4	13.4	13.4	13.4	-12.8	-35.8	-4.1	64.6	-2615.9	-2017.6
181	ok	0.15	0.2	5.89e-03	13.4	13.4	13.4	13.4	-12.2	-31.1	-4.1	181.5	-1641.2	-2123.6
182	ok	0.15	0.2	5.79e-03	13.4	13.4	13.4	13.4	-16.0	-20.8	-9.9	151.9	-644.0	-2641.2
183	ok	0.15	0.2	5.70e-03	13.4	13.4	13.4	13.4	-22.2	-26.3	-7.6	115.8	736.8	-2101.2
184	ok	0.15	4.95e-02	5.54e-03	13.4	13.4	13.4	13.4	-30.8	3.7	-3.1	276.4	219.9	-557.6
185	ok	0.15	0.3	8.98e-03	13.4	13.4	13.4	13.4	-4.4	-48.0	-6.40e-03	-613.4	-5158.8	-687.8
186	ok	0.15	0.3	7.74e-03	13.4	13.4	13.4	13.4	-4.6	-42.9	-0.4	-587.0	-4827.1	-794.8
187	ok	0.15	0.3	7.38e-03	13.4	13.4	13.4	13.4	-6.4	-41.4	-1.2	-513.7	-4453.1	-955.0
188	ok	0.15	0.3	7.24e-03	13.4	13.4	13.4	13.4	-9.3	-40.1	-2.1	-422.6	-3993.7	-1156.0
189	ok	0.15	0.2	7.04e-03	13.4	13.4	13.4	13.4	-12.7	-38.7	-3.0	-315.6	-3408.3	-1372.2
190	ok	0.15	0.2	6.66e-03	13.4	13.4	13.4	13.4	-16.9	-36.3	-4.1	-188.2	-2646.2	-1567.7
191	ok	0.15	0.2	5.97e-03	13.4	13.4	13.4	13.4	-12.5	23.6	-19.9	418.5	2353.0	-1122.8
192	ok	0.15	0.3	6.54e-03	13.4	13.4	13.4	13.4	-26.5	27.2	-12.2	611.7	2780.4	-1148.4
193	ok	0.15	0.3	8.07e-03	13.4	13.4	13.4	13.4	-38.8	40.6	0.4	1371.3	3639.5	-587.5
194	ok	0.15	5.59e-02	6.89e-03	13.4	13.4	13.4	13.4	-37.9	4.0	-2.9	614.4	286.0	-505.6
195	ok	0.15	0.2	2.66e-03	13.4	13.4	13.4	13.4	1.1	-12.9	3.5	-196.6	-2362.5	89.3
196	ok	0.15	0.2	2.16e-03	13.4	13.4	13.4	13.4	0.8	-10.3	5.6	-218.3	-2369.4	123.5
197	ok	0.15	0.2	2.33e-03	13.4	13.4	13.4	13.4	1.9	-10.0	7.6	-227.6	-2373.1	159.7
198	ok	0.15	0.2	2.48e-03	13.4	13.4	13.4	13.4	3.7	-9.7	9.4	-247.8	-2388.3	195.8
199	ok	0.15	0.2	2.95e-03	13.4	13.4	13.4	13.4	3.7	-9.8	9.4	-252.6	-2428.4	216.7
200	ok	0.15	0.2	3.85e-03	13.4	13.4	13.4	13.4	-14.5	20.5	-18.8	316.1	1906.8	-901.3
201	ok	0.15	0.2	4.80e-03	13.4	13.4	13.4	13.4	-21.8	22.5	-12.9	588.7	2132.7	-972.1
202	ok	0.15	0.3	5.93e-03	13.4	13.4	13.4	13.4	-28.8	26.9	-12.2	1073.8	2835.9	-788.7
203	ok	0.15	0.3	6.16e-03	13.4	13.4	13.4	13.4	-31.6	41.4	0.4	1444.1	3648.2	-580.7
204	ok	0.15	6.60e-02	7.79e-03	13.4	13.4	13.4	13.4	-43.0	4.8	-1.4	845.8	299.4	-469.1
205	ok	0.15	6.34e-02	1.30e-03	13.4	13.4	13.4	13.4	7.30e-02	-6.2	2.2	-30.6	-938.9	57.9
206	ok	0.15	6.15e-02	1.46e-03	13.4	13.4	13.4	13.4	-5.5	14.5	-6.1	-260.0	425.9	-445.1
207	ok	0.15	7.19e-02	1.90e-03	13.4	13.4	13.4	13.4	-8.3	13.0	-7.6	-224.7	502.4	-559.3
208	ok	0.15	8.41e-02	2.65e-03	13.4	13.4	13.4	13.4	-8.3	12.7	-7.6	-214.2	589.5	-612.3
209	ok	0.15	9.75e-02	3.60e-03	13.4	13.4	13.4	13.4	-12.3	12.7	-9.4	-109.7	720.8	-682.7
210	ok	0.15	0.1	4.58e-03	13.4	13.4	13.4	13.4	-23.5	12.6	-7.8	294.0	815.3	-774.3
211	ok	0.15	0.1	5.51e-03	13.4	13.4	13.4	13.4	-28.9	13.6	-7.8	645.8	1079.9	-689.9
212	ok	0.15	0.1	6.11e-03	13.4	13.4	13.4	13.4	-33.3	16.7	-5.0	973.1	1312.3	-586.5
213	ok	0.15	0.1	6.50e-03	13.4	13.4	13.4	13.4	-35.2	20.9	1.6	993.0	1313.9	-591.3
214	ok	0.15	6.84e-02	7.84e-03	13.4	13.4	13.4	13.4	-42.9	5.9	-1.4	839.9	250.3	-471.5
215	ok	0.15	3.29e-02	9.71e-04	13.4	13.4	13.4	13.4	-4.4	3.9	-1.9	-364.5	-28.4	-262.5
216	ok	0.15	3.93e-02	1.59e-03	13.4	13.4	13.4	13.4	-9.2	4.7	-1.6	-427.1	17.0	-372.0
217	ok	0.15	4.50e-02	8.26e-04	13.4	13.4	13.4	13.4	-0.8	-4.9	-1.47e-02	395.6	196.3	-345.3
218	ok	0.15	5.20e-02	2.38e-03	13.4	13.4	13.4	13.4	-0.8	-13.7	-0.6	269.5	61.5	-621.8
219	ok	0.15	8.60e-02	3.86e-03	13.4	13.4	13.4	13.4	-0.6	-20.9	-1.3	65.0	-1019.5	-765.6
220	ok	0.15	0.2	5.07e-03	13.4	13.4	13.4	13.4	0.1	-24.4	-2.9	-108.8	-2874.6	-791.5
221	ok	0.15	0.4	6.36e-03	13.4	13.4	13.4	13.4	3.3	-18.0	-6.3	-251.1	-5214.4	-520.3
222	ok	0.15	0.4	6.39e-03	13.4	13.4	13.4	13.4	0.2	-18.4	-6.3	-456.7	-5239.1	-473.9
223	ok	0.15	0.2	2.09e-03	13.4	13.4	13.4	13.4	1.9	1.1	4.6	-106.6	-2317.3	22.4
224	ok	0.15	6.48e-02	8.76e-04	13.4	13.4	13.4	13.4	0.3	-4.1	2.2	-31.9	-949.2	96.0
225	ok	0.15	1.77e-02	4.01e-04	13.4	13.4	13.4	13.4	-2.0	2.0	-0.3	-101.6	-146.3	-91.8

Nodo	**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N x**	**N y**	**N xy**	**M x**	**M y**	**M xy**
								-43.81	-48.01	-25.22	-4855.57	-5239.07	-2894.65
	0.15	0.43	0.01	13.40	13.40	13.40	13.40	44.52	44.76	25.22	1944.72	3662.96	2894.65

Nodo	**Stato**	**Max tau**	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr**	**V sec**
		daN/cm2					daN/cm	daN/cm
1	ok Av	4.81	0.16	0.16	4.0	4.1	103.3	105.6
2	ok	2.72						
3	ok Av	4.63	0.21	0.02	5.5	0.4	140.4	10.6
4	ok Av	5.99	0.22	0.16	5.9	4.1	149.7	105.6
5	ok	1.07						
6	ok	0.93						
7	ok	2.72						
8	ok Av	4.63	0.21	0.02	5.5	0.4	140.4	10.6

9	ok Av	4.81	0.16	0.16	4.0	4.1	103.3	105.6
10	ok Av	5.99	0.22	0.16	5.9	4.1	149.7	105.6
11	ok	2.60						
12	ok	3.82						
13	ok	1.44						
14	ok	2.60						
15	ok	3.82						
16	ok	2.02						
17	ok	2.42						
18	ok	1.38						
19	ok	2.02						
20	ok	2.42						
21	ok	1.86						
22	ok	3.48						
23	ok	1.37						
24	ok	1.86						
25	ok	3.48						
26	ok	3.51						
27	ok Av	4.82	0.15	0.16	4.0	4.1	101.3	105.8
28	ok	0.81						
29	ok	3.51						
30	ok Av	4.82	0.15	0.16	4.0	4.1	101.3	105.8
31	ok	1.19						
32	ok	3.37						
33	ok	0.81						
34	ok	1.19						
35	ok	3.37						
36	ok	0.97						
37	ok	0.99						
38	ok	0.49						
39	ok	0.97						
40	ok	0.99						
41	ok	0.81						
42	ok	1.12						
43	ok	0.56						
44	ok	0.81						
45	ok	1.12						
46	ok Av	6.38	0.29	0.02	7.6	0.6	193.3	14.5
47	ok Av	4.95	0.22	0.02	5.9	0.6	149.7	14.5
48	ok Av	6.36	0.29	7.03e-03	7.6	0.2	193.3	4.7
49	ok	1.34						
50	ok Av	5.96	0.27	8.32e-03	7.1	0.2	181.2	5.5
51	ok	0.58						
52	ok Av	5.38	0.25	5.95e-03	6.4	0.2	163.5	4.0
53	ok	0.66						
54	ok Av	4.62	0.21	5.80e-03	5.5	0.2	140.4	3.9
55	ok	0.81						
56	ok	3.79						
57	ok	0.86						
58	ok	2.95						
59	ok	0.88						
60	ok	2.12						
61	ok	0.86						
62	ok	1.24						
63	ok	0.64						
64	ok	0.63						
65	ok	2.11						
66	ok	3.12						
67	ok	1.90						
68	ok	1.00						
69	ok	0.88						
70	ok	0.99						
71	ok	1.12						
72	ok	1.18						
73	ok	1.21						
74	ok	0.88						
75	ok	3.06						
76	ok	1.74						
77	ok	0.85						
78	ok	0.61						
79	ok	1.01						
80	ok	1.31						
81	ok	1.48						
82	ok	1.58						
83	ok	1.66						
84	ok	1.34						
85	ok	3.50						

86	ok	1.48						
87	ok	0.85						
88	ok	0.95						
89	ok	1.33						
90	ok	1.60						
91	ok	1.75						
92	ok	1.84						
93	ok	1.97						
94	ok	1.98						
95	ok	3.50						
96	ok	2.56						
97	ok	1.53						
98	ok	1.34						
99	ok	1.41						
100	ok	1.62						
101	ok	1.74						
102	ok	1.82						
103	ok	1.96						
104	ok	1.99						
105	ok	3.20						
106	ok	1.98						
107	ok	1.38						
108	ok	1.31						
109	ok	1.28						
110	ok	1.29						
111	ok	1.30						
112	ok	1.31						
113	ok	1.34						
114	ok	1.35						
115	ok	1.30						
116	ok	1.32						
117	ok	1.03						
118	ok	0.92						
119	ok	0.88						
120	ok	0.87						
121	ok	0.87						
122	ok	0.87						
123	ok	0.87						
124	ok	0.79						
125	ok	1.06						
126	ok	1.30						
127	ok	1.48						
128	ok	1.60						
129	ok	1.60						
130	ok	1.59						
131	ok	1.47						
132	ok	1.25						
133	ok	0.96						
134	ok	0.57						
135	ok	0.39						
136	ok	1.24						
137	ok	0.64						
138	ok	2.12						
139	ok	0.86						
140	ok	2.95						
141	ok	0.88						
142	ok	3.79						
143	ok	0.86						
144	ok Av	4.62	0.21	5.80e-03	5.5	0.2	140.4	3.9
145	ok	0.81						
146	ok Av	5.38	0.25	5.95e-03	6.4	0.2	163.5	4.0
147	ok	0.66						
148	ok Av	5.96	0.27	8.32e-03	7.1	0.2	181.2	5.5
149	ok	0.58						
150	ok Av	6.36	0.29	7.03e-03	7.6	0.2	193.3	4.7
151	ok	1.34						
152	ok Av	6.38	0.29	0.02	7.6	0.6	193.3	14.5
153	ok Av	4.95	0.22	0.02	5.9	0.6	149.7	14.5
154	ok	1.25						
155	ok	0.88						
156	ok	1.21						
157	ok	1.18						
158	ok	1.12						
159	ok	0.99						
160	ok	0.88						
161	ok	1.00						
162	ok	1.90						

163	ok	3.12
164	ok	1.47
165	ok	1.34
166	ok	1.66
167	ok	1.58
168	ok	1.48
169	ok	1.31
170	ok	1.01
171	ok	0.61
172	ok	0.85
173	ok	1.74
174	ok	1.59
175	ok	1.98
176	ok	1.97
177	ok	1.84
178	ok	1.75
179	ok	1.60
180	ok	1.33
181	ok	0.95
182	ok	0.85
183	ok	1.48
184	ok	1.60
185	ok	1.99
186	ok	1.96
187	ok	1.82
188	ok	1.74
189	ok	1.62
190	ok	1.41
191	ok	1.34
192	ok	1.53
193	ok	2.56
194	ok	1.60
195	ok	1.35
196	ok	1.34
197	ok	1.31
198	ok	1.30
199	ok	1.29
200	ok	1.28
201	ok	1.31
202	ok	1.38
203	ok	1.98
204	ok	1.48
205	ok	0.79
206	ok	0.87
207	ok	0.87
208	ok	0.87
209	ok	0.87
210	ok	0.88
211	ok	0.92
212	ok	1.03
213	ok	1.32
214	ok	1.30
215	ok	0.57
216	ok	0.96
217	ok	0.63
218	ok	2.11
219	ok	3.06
220	ok	3.50
221	ok	3.50
222	ok	3.20
223	ok	1.30
224	ok	1.06
225	ok	0.39

Nodo	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
	6.38	0.29	0.16	7.56	4.13	193.27	105.75

Macro Guscio	Spessore	Id Materiale	Id Criterio	Progettazione
	cm			
6	30.00	1	3	Singolo elemento

Nodo	Stato	x/d	V N/M	ver. rid	Af pr-	Af pr+	Af sec-	Af sec+	N x	N y	N xy	M x	M y	M xy

									daN/cm	daN/cm	daN/cm	daN	daN	daN
236	ok	0.17	0.2	6.54e-02	13.4	13.4	13.4	13.4	-168.3	-9.2	-6.5	2052.0	188.4	-84.6
237	ok	0.17	0.1	3.10e-02	13.4	13.4	13.4	13.4	-90.4	-5.5	-19.8	1869.4	263.0	-99.4
243	ok	0.17	0.1	1.45e-02	13.4	13.4	13.4	13.4	-22.2	2.7	-19.8	1565.2	226.5	-91.8
249	ok	0.17	0.2	2.11e-02	13.4	13.4	13.4	13.4	38.2	2.9	-21.1	1326.8	161.5	-48.4
255	ok	0.17	0.4	5.71e-02	13.4	13.4	13.4	13.4	239.6	25.9	29.9	-1113.5	-172.3	-346.6
266	ok	0.17	0.2	6.54e-02	13.4	13.4	13.4	13.4	-168.3	-9.2	6.5	2052.0	188.4	84.6
267	ok	0.17	0.1	3.10e-02	13.4	13.4	13.4	13.4	-90.4	-5.5	19.8	1869.4	263.0	99.4
273	ok	0.17	0.1	1.45e-02	13.4	13.4	13.4	13.4	-22.2	2.7	19.8	1565.2	226.5	91.8
279	ok	0.17	0.2	2.11e-02	13.4	13.4	13.4	13.4	38.2	2.9	21.1	1326.8	161.5	48.4
285	ok	0.17	0.4	5.71e-02	13.4	13.4	13.4	13.4	239.6	25.9	-29.9	-1113.5	-172.3	346.6
291	ok	0.17	0.2	2.39e-02	13.4	13.4	13.4	13.4	-9.0	-10.2	-6.1	-372.1	163.9	-319.6
297	ok	0.17	9.99e-02	1.42e-02	13.4	13.4	13.4	13.4	17.4	-16.8	-18.5	19.8	439.2	-266.3
303	ok	0.17	8.24e-02	8.65e-03	13.4	13.4	13.4	13.4	6.4	-16.6	-18.9	37.1	600.7	-283.5
309	ok	0.17	7.74e-02	7.24e-03	13.4	13.4	13.4	13.4	0.7	-15.1	-17.6	54.5	703.8	-275.5
315	ok	0.17	7.19e-02	6.72e-03	13.4	13.4	13.4	13.4	0.9	-13.1	-17.6	61.3	760.5	-262.3
321	ok	0.17	7.12e-02	6.07e-03	13.4	13.4	13.4	13.4	-1.8	-12.1	-15.1	71.5	787.6	-237.5
327	ok	0.17	7.06e-02	5.10e-03	13.4	13.4	13.4	13.4	-2.8	-11.5	-12.1	79.9	794.3	-208.3
333	ok	0.17	7.56e-02	4.01e-03	13.4	13.4	13.4	13.4	3.3	-2.7	3.7	109.5	886.1	68.6
339	ok	0.17	7.82e-02	3.00e-03	13.4	13.4	13.4	13.4	1.5	-6.8	1.5	112.5	963.7	75.9
345	ok	0.17	7.82e-02	2.27e-03	13.4	13.4	13.4	13.4	-0.1	-9.5	0.5	52.5	999.4	53.2
351	ok	0.17	7.82e-02	3.00e-03	13.4	13.4	13.4	13.4	1.5	-6.8	-1.5	112.5	963.7	-75.9
357	ok	0.17	7.56e-02	4.01e-03	13.4	13.4	13.4	13.4	1.9	-2.9	-1.5	103.1	885.4	-71.6
363	ok	0.17	7.06e-02	5.10e-03	13.4	13.4	13.4	13.4	-2.8	-11.5	12.1	79.9	794.3	208.3
369	ok	0.17	7.12e-02	6.07e-03	13.4	13.4	13.4	13.4	-1.8	-12.1	15.1	71.5	787.6	237.5
375	ok	0.17	7.19e-02	6.72e-03	13.4	13.4	13.4	13.4	0.9	-13.1	17.6	61.3	760.5	262.3
381	ok	0.17	7.74e-02	7.24e-03	13.4	13.4	13.4	13.4	0.7	-15.1	17.6	54.5	703.8	275.5
387	ok	0.17	8.24e-02	8.65e-03	13.4	13.4	13.4	13.4	6.4	-16.6	18.9	37.1	600.7	283.5
393	ok	0.17	9.99e-02	1.42e-02	13.4	13.4	13.4	13.4	17.4	-16.8	18.5	19.8	439.2	266.3
399	ok	0.17	0.2	2.39e-02	13.4	13.4	13.4	13.4	-9.0	-10.2	6.1	-372.1	163.9	319.6
400	ok	0.17	7.12e-02	6.37e-03	13.4	13.4	13.4	13.4	-4.2	-12.4	15.1	35.5	783.2	249.6
401	ok	0.17	7.09e-02	7.19e-03	13.4	13.4	13.4	13.4	-2.8	-13.6	17.6	29.8	756.7	288.5
402	ok	0.17	8.13e-02	8.45e-03	13.4	13.4	13.4	13.4	1.5	-15.0	18.9	29.1	700.7	322.3
403	ok	0.17	0.1	9.43e-03	13.4	13.4	13.4	13.4	10.4	-16.1	18.5	41.8	601.3	342.0
404	ok	0.17	0.1	1.20e-02	13.4	13.4	13.4	13.4	25.0	-15.9	16.9	92.7	448.0	335.7
405	ok	0.17	0.2	1.72e-02	13.4	13.4	13.4	13.4	-14.7	-10.9	6.1	-326.3	169.4	414.3
406	ok	0.17	0.1	3.30e-02	13.4	13.4	13.4	13.4	-90.1	-3.2	19.8	1867.4	246.6	-26.8
407	ok	0.17	9.32e-02	3.30e-02	13.4	13.4	13.4	13.4	-99.6	7.34e-02	18.2	839.6	126.1	-145.2
408	ok	0.17	0.1	3.30e-02	13.4	13.4	13.4	13.4	-90.1	-3.2	-19.8	1867.4	246.6	26.8
409	ok	0.17	0.1	8.97e-03	13.4	13.4	13.4	13.4	-21.9	5.0	19.8	1563.2	210.1	-34.4
410	ok	0.17	4.56e-02	8.95e-03	13.4	13.4	13.4	13.4	-21.6	9.4	18.2	719.7	111.8	-143.8
411	ok	0.17	0.1	8.97e-03	13.4	13.4	13.4	13.4	-21.9	5.0	-19.8	1563.2	210.1	34.4
412	ok	0.17	0.2	2.46e-02	13.4	13.4	13.4	13.4	38.7	7.5	21.1	1323.2	131.8	-48.7
413	ok	0.17	0.2	2.45e-02	13.4	13.4	13.4	13.4	61.2	10.0	18.6	640.9	61.1	-119.8
414	ok	0.17	0.2	2.46e-02	13.4	13.4	13.4	13.4	38.7	7.5	-21.1	1323.2	131.8	48.7
415	ok	0.17	0.1	3.09e-02	13.4	13.4	13.4	13.4	-119.3	-14.4	-67.4	626.3	153.2	-364.1
416	ok	0.17	0.1	2.59e-02	13.4	13.4	13.4	13.4	-15.6	-3.7	-2.7	-226.5	-35.0	-514.3
417	ok	0.17	8.77e-02	1.96e-02	13.4	13.4	13.4	13.4	-2.1	-1.4	-2.0	-242.4	-7.2	-514.5
418	ok	0.17	6.74e-02	1.40e-02	13.4	13.4	13.4	13.4	-2.0	-0.7	-2.0	-241.1	3.6	-479.8
419	ok	0.17	4.90e-02	9.63e-03	13.4	13.4	13.4	13.4	-21.5	-4.0	-17.8	-227.9	-26.0	-422.8
420	ok	0.17	3.85e-02	6.26e-03	13.4	13.4	13.4	13.4	-21.5	-3.4	-17.8	-229.8	-41.8	-390.2
421	ok	0.17	3.13e-02	3.71e-03	13.4	13.4	13.4	13.4	-12.0	-2.0	-11.1	-233.9	-61.7	-321.8
422	ok	0.17	2.77e-02	1.81e-03	13.4	13.4	13.4	13.4	-5.8	-0.3	-5.3	-216.4	-83.7	-250.6
423	ok	0.17	2.84e-02	7.45e-04	13.4	13.4	13.4	13.4	-2.0	2.9	-0.9	-160.3	-117.7	-193.1
424	ok	0.17	0.1	1.70e-02	13.4	13.4	13.4	13.4	-18.0	-18.4	-68.5	506.8	181.8	-352.2
425	ok	0.17	0.1	1.54e-02	13.4	13.4	13.4	13.4	-16.7	-22.7	-58.9	196.5	169.7	-424.9
426	ok	0.17	8.19e-02	1.31e-02	13.4	13.4	13.4	13.4	-9.7	-3.6	-4.8	-141.3	156.1	-492.3
427	ok	0.17	6.58e-02	1.09e-02	13.4	13.4	13.4	13.4	-9.5	-2.1	-4.8	-136.2	198.8	-460.0
428	ok	0.17	5.57e-02	8.67e-03	13.4	13.4	13.4	13.4	-7.0	-1.1	-3.5	-136.8	233.1	-389.9
429	ok	0.17	4.63e-02	6.61e-03	13.4	13.4	13.4	13.4	-4.7	-0.9	-2.5	-122.4	262.7	-319.8
430	ok	0.17	3.68e-02	4.72e-03	13.4	13.4	13.4	13.4	-5.9	-8.0	-10.9	-76.8	307.0	-251.8
431	ok	0.17	3.47e-02	2.95e-03	13.4	13.4	13.4	13.4	-3.0	-7.2	-6.9	-59.1	298.8	-197.1
432	ok	0.17	3.61e-02	1.51e-03	13.4	13.4	13.4	13.4	1.5	-4.9	1.6	37.6	467.5	12.0
433	ok	0.17	0.2	1.72e-02	13.4	13.4	13.4	13.4	-14.7	-10.9	-6.1	-326.3	169.4	-414.3
434	ok	0.17	0.1	1.20e-02	13.4	13.4	13.4	13.4	25.0	-15.9	-16.9	92.7	448.0	-335.7
435	ok	0.17	0.1	9.43e-03	13.4	13.4	13.4	13.4	10.4	-16.1	-18.5	41.8	601.3	-342.0
436	ok	0.17	8.13e-02	8.45e-03	13.4	13.4	13.4	13.4	1.5	-15.0	-18.9	29.1	700.7	-322.3
437	ok	0.17	7.09e-02	7.19e-03	13.4	13.4	13.4	13.4	-2.8	-13.6	-17.6	29.8	756.7	-288.5
438	ok	0.17	7.12e-02	6.37e-03	13.4	13.4	13.4	13.4	-4.2	-12.4	-15.1	35.5	783.2	-249.6
439	ok	0.17	7.02e-02	5.25e-03	13.4	13.4	13.4	13.4	-3.8	-11.6	-12.1	44.6	790.1	-211.0
440	ok	0.17	7.46e-02	3.98e-03	13.4	13.4	13.4	13.4	-2.3	-11.1	-8.9	58.5	781.7	-175.2
441	ok	0.17	7.75e-02	2.85e-03	13.4	13.4	13.4	13.4	1.0	-6.8	1.5	102.2	962.4	39.7
442	ok	0.17	2.84e-02	7.45e-04	13.4	13.4	13.4	13.4	-2.0	2.9	0.9	-160.3	-117.7	193.1
443	ok	0.17	2.77e-02	1.81e-03	13.4	13.4	13.4	13.4	-5.8	-0.3	5.3	-216.4	-83.7	250.6
444	ok	0.17	3.13e-02	3.71e-03	13.4	13.4	13.4	13.4	-12.0	-2.0	11.1	-233.9	-61.7	321.8
445	ok	0.17	3.85e-02	6.26e-03	13.4	13.4	13.4	13.4	-21.5	-3.4	17.8	-229.8	-41.8	390.2
446	ok	0.17	4.90e-02	9.63e-03	13.4	13.4	13.4	13.4	-34.6	-5.6	25.9	-205.8	-23.3	452.2

447	ok	0.17	6.74e-02	1.40e-02	13.4	13.4	13.4	13.4	-2.0	-0.7	2.0	-241.1	3.6	479.8
448	ok	0.17	8.77e-02	1.96e-02	13.4	13.4	13.4	13.4	-2.1	-1.4	2.0	-242.4	-7.2	514.5
449	ok	0.17	0.1	2.59e-02	13.4	13.4	13.4	13.4	-15.6	-3.7	2.7	-226.5	-35.0	514.3
450	ok	0.17	0.1	3.09e-02	13.4	13.4	13.4	13.4	-119.3	-14.4	67.4	626.3	153.2	364.1
451	ok	0.17	3.61e-02	1.51e-03	13.4	13.4	13.4	13.4	1.5	-4.9	-1.6	37.6	467.5	-12.0
452	ok	0.17	3.47e-02	2.95e-03	13.4	13.4	13.4	13.4	-0.9	-1.6	0.9	-67.6	295.5	194.7
453	ok	0.17	3.68e-02	4.72e-03	13.4	13.4	13.4	13.4	-2.7	-1.2	1.8	-98.1	285.2	254.4
454	ok	0.17	4.63e-02	6.61e-03	13.4	13.4	13.4	13.4	-4.7	-0.9	2.5	-122.4	262.7	319.8
455	ok	0.17	5.57e-02	8.67e-03	13.4	13.4	13.4	13.4	-7.0	-1.1	3.5	-136.8	233.1	389.9
456	ok	0.17	6.58e-02	1.09e-02	13.4	13.4	13.4	13.4	-9.5	-2.1	4.8	-136.2	198.8	460.0
457	ok	0.17	8.19e-02	1.31e-02	13.4	13.4	13.4	13.4	-9.7	-3.6	4.8	-141.3	156.1	492.3
458	ok	0.17	0.1	1.54e-02	13.4	13.4	13.4	13.4	-16.7	-22.7	58.9	196.5	169.7	424.9
459	ok	0.17	0.1	1.70e-02	13.4	13.4	13.4	13.4	-18.0	-18.4	68.5	506.8	181.8	352.2
460	ok	0.17	7.75e-02	2.85e-03	13.4	13.4	13.4	13.4	1.0	-6.8	-1.5	102.2	962.4	-39.7
461	ok	0.17	7.46e-02	3.98e-03	13.4	13.4	13.4	13.4	1.5	-2.9	-3.7	105.3	885.6	-31.2
462	ok	0.17	7.02e-02	5.25e-03	13.4	13.4	13.4	13.4	-3.8	-11.6	12.1	44.6	790.1	211.0
468	ok	0.17	7.82e-02	2.27e-03	13.4	13.4	13.4	13.4	-0.1	-9.5	-0.5	52.5	999.4	-53.2
469	ok	0.17	0.2	6.53e-02	13.4	13.4	13.4	13.4	-167.6	-3.9	6.5	2048.5	159.1	3.9
470	ok	0.17	0.2	6.37e-02	13.4	13.4	13.4	13.4	-179.0	-3.3	7.7	945.3	101.0	-159.4
471	ok	0.17	0.2	6.53e-02	13.4	13.4	13.4	13.4	-167.6	-3.9	-6.5	2048.5	159.1	-3.9
472	ok	0.17	0.4	5.69e-02	13.4	13.4	13.4	13.4	-62.4	-6.4	17.6	1221.7	44.1	-86.4
473	ok	0.17	0.4	4.55e-02	13.4	13.4	13.4	13.4	145.6	6.7	7.4	590.4	28.7	-63.9
474	ok	0.17	0.4	5.69e-02	13.4	13.4	13.4	13.4	238.9	20.1	29.9	-1103.5	-88.7	-241.6
475	ok	0.17	0.2	5.13e-02	13.4	13.4	13.4	13.4	-149.5	-7.7	-20.3	663.8	75.7	-346.7
476	ok	0.17	0.1	3.56e-02	13.4	13.4	13.4	13.4	6.3	0.2	-1.2	-222.6	-19.2	-470.2
477	ok	0.17	9.95e-02	2.33e-02	13.4	13.4	13.4	13.4	7.4	0.2	-0.3	-297.6	-25.2	-427.5
478	ok	0.17	7.19e-02	1.44e-02	13.4	13.4	13.4	13.4	7.4	0.3	-0.3	-297.3	-23.2	-404.9
479	ok	0.17	4.97e-02	8.23e-03	13.4	13.4	13.4	13.4	7.1	0.4	0.2	-315.3	-24.0	-345.0
480	ok	0.17	3.97e-02	4.15e-03	13.4	13.4	13.4	13.4	-18.9	-0.8	-7.2	-281.2	-32.4	-322.1
481	ok	0.17	3.42e-02	1.63e-03	13.4	13.4	13.4	13.4	-6.4	-6.73e-02	-4.1	-288.2	-39.3	-263.7
482	ok	0.17	3.26e-02	7.03e-04	13.4	13.4	13.4	13.4	-0.3	0.6	-1.5	-270.8	-46.1	-201.9
483	ok	0.17	2.71e-02	5.96e-04	13.4	13.4	13.4	13.4	1.1	1.4	0.3	-212.5	-63.8	-139.8
484	ok	0.17	1.57e-02	3.40e-04	13.4	13.4	13.4	13.4	0.5	2.4	0.6	-86.1	-77.7	-75.8
485	ok	0.17	2.64e-02	9.50e-04	13.4	13.4	13.4	13.4	-3.78e-02	7.2	0.6	-61.8	-140.8	-133.8
486	ok	0.17	3.66e-02	1.47e-03	13.4	13.4	13.4	13.4	0.2	-7.6	0.3	31.3	502.5	-2.5
487	ok	0.17	7.82e-02	2.28e-03	13.4	13.4	13.4	13.4	0.3	-9.5	0.5	59.7	1000.2	33.1
488	ok	0.17	1.57e-02	3.40e-04	13.4	13.4	13.4	13.4	0.5	2.4	-0.6	-86.1	-77.7	75.8
489	ok	0.17	2.71e-02	5.96e-04	13.4	13.4	13.4	13.4	1.1	1.4	-0.3	-212.5	-63.8	139.8
490	ok	0.17	2.64e-02	9.50e-04	13.4	13.4	13.4	13.4	-3.78e-02	7.2	-0.6	-61.8	-140.8	133.8
491	ok	0.17	3.26e-02	7.03e-04	13.4	13.4	13.4	13.4	-0.3	0.6	1.5	-270.8	-46.1	201.9
492	ok	0.17	3.42e-02	1.63e-03	13.4	13.4	13.4	13.4	-6.4	-6.73e-02	4.1	-288.2	-39.3	263.7
493	ok	0.17	3.97e-02	4.15e-03	13.4	13.4	13.4	13.4	-18.9	-0.8	7.2	-281.2	-32.4	322.1
494	ok	0.17	4.97e-02	8.23e-03	13.4	13.4	13.4	13.4	7.1	0.4	-0.2	-315.3	-24.0	345.0
495	ok	0.17	7.19e-02	1.44e-02	13.4	13.4	13.4	13.4	7.4	0.3	0.3	-297.3	-23.2	404.9
496	ok	0.17	9.95e-02	2.33e-02	13.4	13.4	13.4	13.4	7.4	0.2	0.3	-297.6	-25.2	427.5
497	ok	0.17	0.1	3.56e-02	13.4	13.4	13.4	13.4	6.3	0.2	1.2	-222.6	-19.2	470.2
498	ok	0.17	0.2	5.13e-02	13.4	13.4	13.4	13.4	-149.5	-7.7	20.3	663.8	75.7	346.7
499	ok	0.17	3.66e-02	1.47e-03	13.4	13.4	13.4	13.4	0.2	-7.6	-0.3	31.3	502.5	2.5
500	ok	0.17	7.82e-02	2.28e-03	13.4	13.4	13.4	13.4	0.3	-9.5	-0.5	59.7	1000.2	-33.1

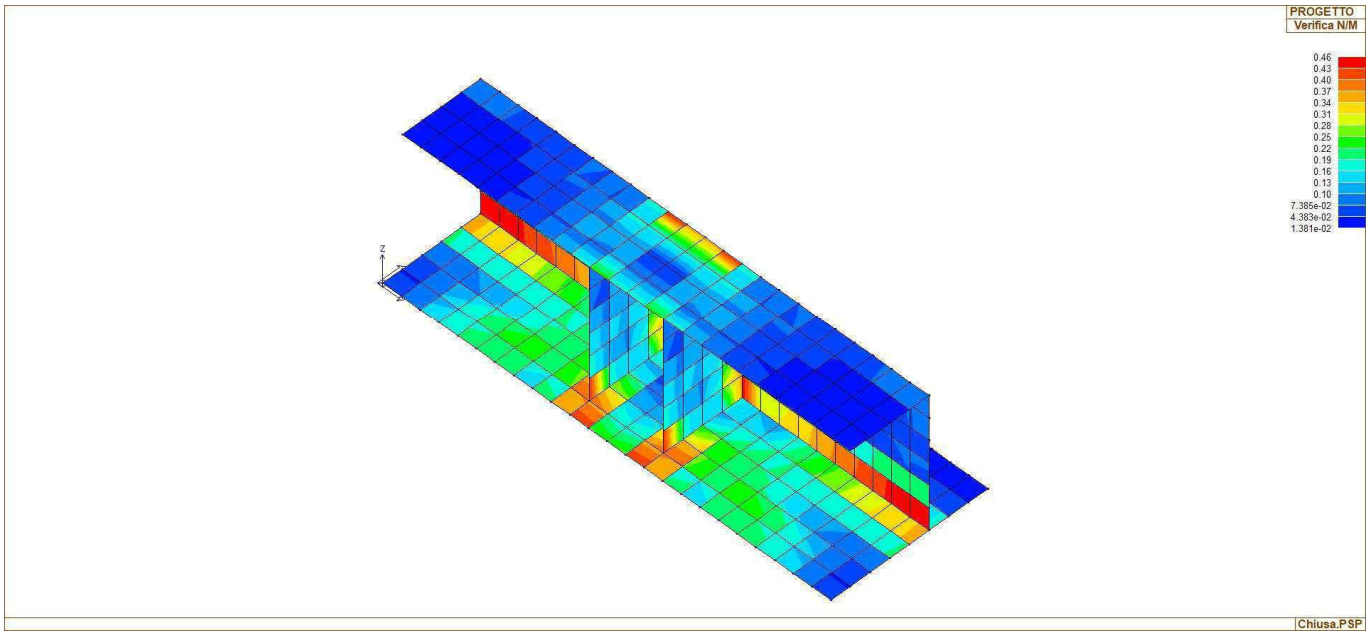
Nodo	**x/d**	**V N/M**	**ver. rid**	**Af pr-**	**Af pr+**	**Af sec-**	**Af sec+**	**N x**	**N y**	**N xy**	**M x**	**M y**	**M xy**
								-179.01	-22.73	-68.47	-1113.55	-172.30	-514.48
	0.17	0.44	0.07	13.40	13.40	13.40	13.40	239.60	25.91	68.47	2052.04	1000.24	514.48

Nodo	**Stato**	**Max tau** daN/cm2	**Ver V pr**	**Ver V sec**	**Af V pr**	**Af V sec**	**V pr** daN/cm	**V sec** daN/cm
236	ok	1.86						
237	ok	1.21						
243	ok	0.89						
249	ok	0.92						
255	ok	1.65						
266	ok	1.86						
267	ok	1.21						
273	ok	0.89						
279	ok	0.92						
285	ok	1.65						
291	ok	1.68						
297	ok	1.27						
303	ok	1.31						
309	ok	1.33						
315	ok	1.29						
321	ok	1.20						
327	ok	1.08						
333	ok	0.98						
339	ok	0.84						
345	ok	0.97						

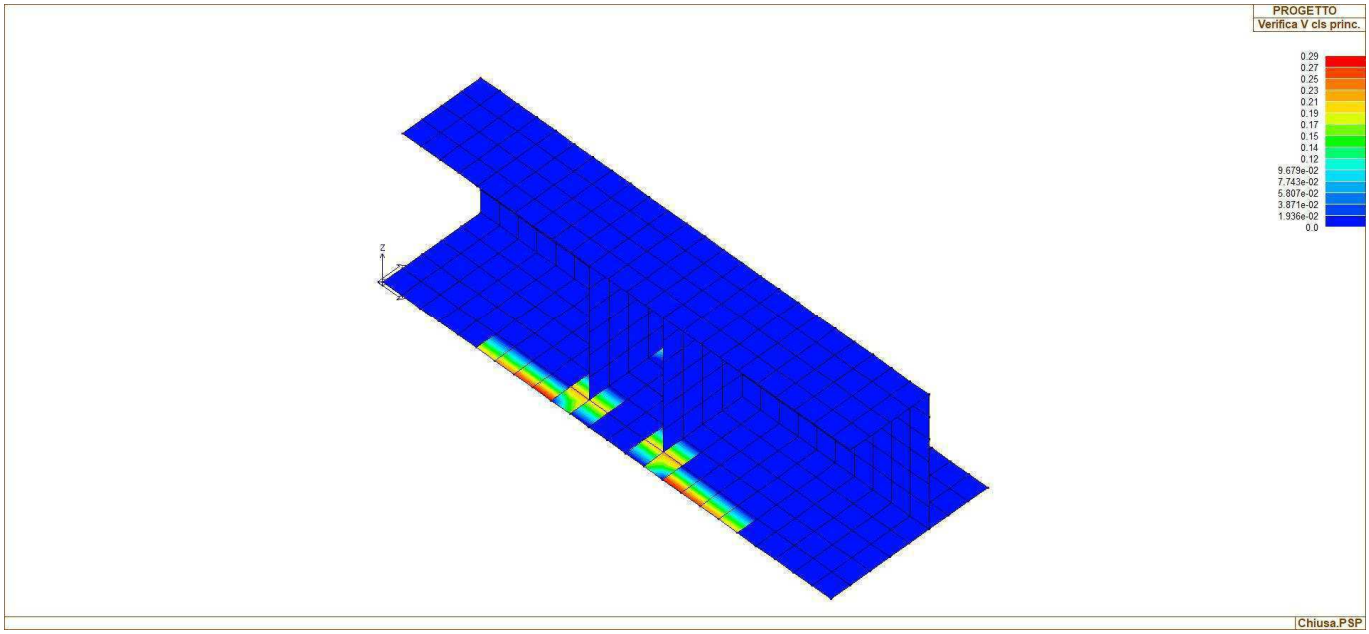
351	ok	0.84
357	ok	0.98
363	ok	1.08
369	ok	1.20
375	ok	1.29
381	ok	1.33
387	ok	1.31
393	ok	1.27
399	ok	1.68
400	ok	0.58
401	ok	0.57
402	ok	0.54
403	ok	0.48
404	ok	0.47
405	ok	0.45
406	ok	1.21
407	ok	0.72
408	ok	1.21
409	ok	0.89
410	ok	0.77
411	ok	0.89
412	ok	0.86
413	ok	0.73
414	ok	0.86
415	ok	0.41
416	ok	0.20
417	ok	0.22
418	ok	0.24
419	ok	0.25
420	ok	0.25
421	ok	0.24
422	ok	0.23
423	ok	0.19
424	ok	0.35
425	ok	0.26
426	ok	0.28
427	ok	0.33
428	ok	0.36
429	ok	0.38
430	ok	0.38
431	ok	0.39
432	ok	0.34
433	ok	0.45
434	ok	0.47
435	ok	0.48
436	ok	0.54
437	ok	0.57
438	ok	0.58
439	ok	0.57
440	ok	0.59
441	ok	0.57
442	ok	0.19
443	ok	0.23
444	ok	0.24
445	ok	0.25
446	ok	0.25
447	ok	0.24
448	ok	0.22
449	ok	0.20
450	ok	0.41
451	ok	0.34
452	ok	0.39
453	ok	0.38
454	ok	0.38
455	ok	0.36
456	ok	0.33
457	ok	0.28
458	ok	0.26
459	ok	0.35
460	ok	0.57
461	ok	0.59
462	ok	0.57
468	ok	0.97
469	ok	1.27
470	ok	1.27
471	ok	1.27
472	ok	0.52

473	ok	0.51
474	ok	0.52
475	ok	1.86
476	ok	1.66
477	ok	1.46
478	ok	1.32
479	ok	1.16
480	ok	0.99
481	ok	0.80
482	ok	0.60
483	ok	0.37
484	ok	0.14
485	ok	0.49
486	ok	0.72
487	ok	0.82
488	ok	0.14
489	ok	0.37
490	ok	0.49
491	ok	0.60
492	ok	0.80
493	ok	0.99
494	ok	1.16
495	ok	1.32
496	ok	1.46
497	ok	1.66
498	ok	1.86
499	ok	0.72
500	ok	0.82

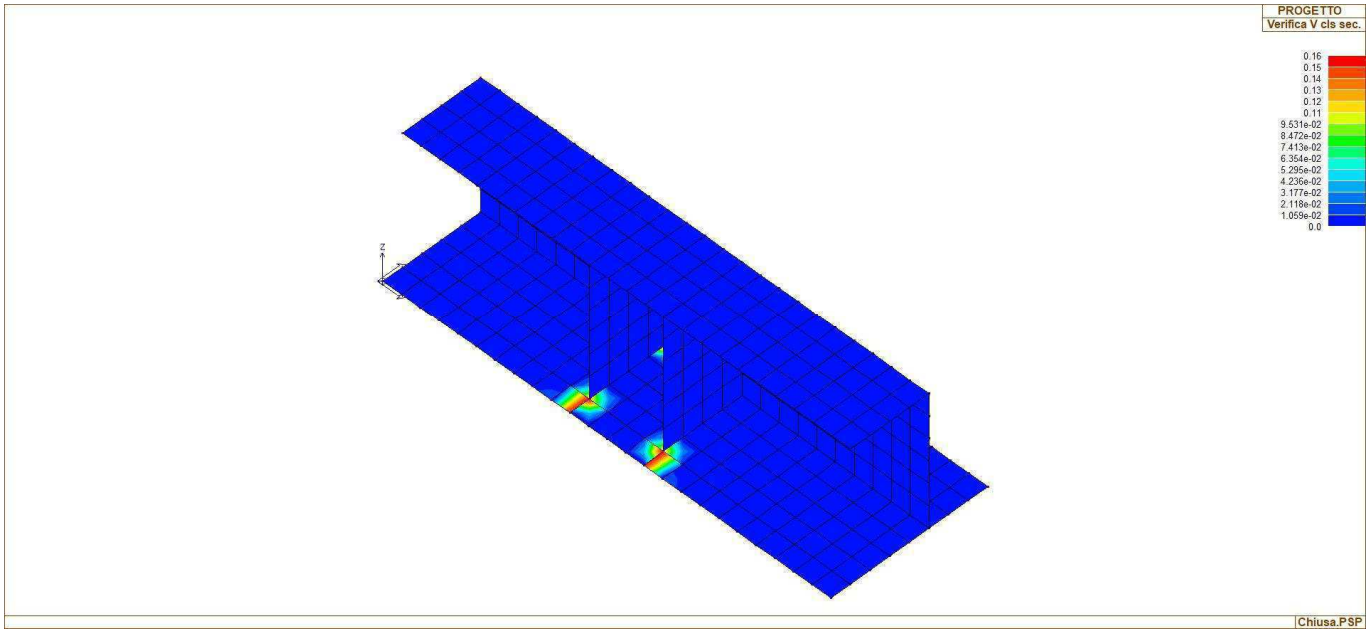
Nodo	Max tau	Ver V pr	Ver V sec	Af V pr	Af V sec	V pr	V sec
	1.86						



72_PRO_CA_D3_VER_NM



72_PRO_CA_D3_VER_VI



72_PRO_CA_D3_VER_VII

STATI LIMITE D' ESERCIZIO

LEGENDA TABELLA STATI LIMITE D' ESERCIZIO

In tabella vengono riportati i valori di interesse per il controllo degli stati limite d'esercizio.

In particolare vengono riportati, in relazione al tipo di elemento strutturale, i risultati relativi alle tre categorie di combinazione considerate:

- Combinazioni rare
- Combinazioni frequenti
- Combinazioni quasi permanenti.

I valori di interesse sono i seguenti:

rRfck	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni rare	[*normalizzato a 1*]
rRfyk	rapporto tra la massima tensione nell'acciaio e la tensione fyk in combinazioni rare	[*normalizzato a 1*]
rPfck	rapporto tra la massima compressione nel calcestruzzo e la tensione fck in combinazioni quasi permanenti	[*normalizzato a 1*]
wR	apertura caratteristica delle fessure in combinazioni rare	[*mm*]
wF	apertura caratteristica delle fessure in combinazioni frequenti	[*mm*]
wP	apertura caratteristica delle fessure in combinazioni quasi permanenti	[*mm*]
dR	massima deformazione in combinazioni rare	
dF	massima deformazione in combinazioni frequenti	
dP	massima deformazione in combinazioni quasi permanenti	

Per ognuno dei nove valori sopraripportati viene indicata (Rif.cmb) la combinazione in cui si è verificato.

In relazione al tipo di elemento strutturale i valori sono selezionati nel modo seguente:

pilastri	**rRfck**	**rRfyk**	**rPfck**	per sezioni significative
travi	**rRfck**	**rRfyk**	**rPfck**	per sezioni significative
	wR	**wF**	**wP**	per sezioni significative
	dR	**dF**	**dP**	massimi in campata
setti e gusci	**rRfck**	**rRfyk**	**rPfck**	massimi nei nodi dell'elemento
	wR	**wF**	**wP**	massimi nei nodi dell'elemento

Si precisa che i valori di massima deformazione per travi sono riferiti al piano verticale (piano locale 1-2 con momenti flettenti 3-3).

Setto	rRfck	rRfyk	rPfck	Rif. cmb	wR	wF	wP	Rif. cmb
					mm	mm	mm	
193	0.0	0.0	0.10	0,0,25	0.0	0.0	0.0	0,0,0
194	0.0	0.0	0.08	0,0,25	0.0	0.0	0.0	0,0,0
195	0.0	0.0	0.09	0,0,24	0.0	0.0	0.0	0,0,0
196	0.0	0.0	0.08	0,0,24	0.0	0.0	0.0	0,0,0
197	0.0	0.0	0.05	0,0,24	0.0	0.0	0.0	0,0,0
198	0.0	0.0	0.04	0,0,24	0.0	0.0	0.0	0,0,0
199	0.0	0.0	0.05	0,0,24	0.0	0.0	0.0	0,0,0
200	0.0	0.0	0.07	0,0,24	0.0	0.0	0.0	0,0,0
201	0.0	0.0	0.08	0,0,24	0.0	0.0	0.0	0,0,0
202	0.0	0.0	0.07	0,0,24	0.0	0.0	0.0	0,0,0
203	0.0	0.0	0.05	0,0,24	0.0	0.0	0.0	0,0,0
204	0.0	0.0	0.04	0,0,24	0.0	0.0	0.0	0,0,0
205	0.0	0.0	0.05	0,0,24	0.0	0.0	0.0	0,0,0
206	0.0	0.0	0.06	0,0,24	0.0	0.0	0.0	0,0,0
207	0.0	0.0	0.06	0,0,24	0.0	0.0	0.0	0,0,0
208	0.0	0.0	0.05	0,0,24	0.0	0.0	0.0	0,0,0
209	0.0	0.0	0.05	0,0,24	0.0	0.0	0.0	0,0,0
210	0.0	0.0	0.04	0,0,24	0.0	0.0	0.0	0,0,0
211	0.0	0.0	0.05	0,0,24	0.0	0.0	0.0	0,0,0
212	0.0	0.0	0.05	0,0,24	0.0	0.0	0.0	0,0,0
213	0.0	0.0	0.05	0,0,24	0.0	0.0	0.0	0,0,0
214	0.0	0.0	0.05	0,0,24	0.0	0.0	0.0	0,0,0
215	0.0	0.0	0.06	0,0,24	0.0	0.0	0.0	0,0,0
216	0.0	0.0	0.04	0,0,24	0.0	0.0	0.0	0,0,0
217	0.0	0.0	0.10	0,0,25	0.0	0.0	0.0	0,0,0
218	0.0	0.0	0.08	0,0,25	0.0	0.0	0.0	0,0,0
219	0.0	0.0	0.09	0,0,24	0.0	0.0	0.0	0,0,0
220	0.0	0.0	0.08	0,0,24	0.0	0.0	0.0	0,0,0
221	0.0	0.0	0.05	0,0,24	0.0	0.0	0.0	0,0,0
222	0.0	0.0	0.04	0,0,24	0.0	0.0	0.0	0,0,0
223	0.0	0.0	0.05	0,0,24	0.0	0.0	0.0	0,0,0
224	0.0	0.0	0.07	0,0,24	0.0	0.0	0.0	0,0,0
225	0.0	0.0	0.08	0,0,24	0.0	0.0	0.0	0,0,0
226	0.0	0.0	0.07	0,0,24	0.0	0.0	0.0	0,0,0
227	0.0	0.0	0.05	0,0,24	0.0	0.0	0.0	0,0,0
228	0.0	0.0	0.04	0,0,24	0.0	0.0	0.0	0,0,0
229	0.0	0.0	0.05	0,0,24	0.0	0.0	0.0	0,0,0
230	0.0	0.0	0.06	0,0,24	0.0	0.0	0.0	0,0,0
231	0.0	0.0	0.06	0,0,24	0.0	0.0	0.0	0,0,0
232	0.0	0.0	0.05	0,0,24	0.0	0.0	0.0	0,0,0
233	0.0	0.0	0.05	0,0,24	0.0	0.0	0.0	0,0,0
234	0.0	0.0	0.04	0,0,24	0.0	0.0	0.0	0,0,0
235	0.0	0.0	0.05	0,0,24	0.0	0.0	0.0	0,0,0
236	0.0	0.0	0.05	0,0,24	0.0	0.0	0.0	0,0,0
237	0.0	0.0	0.05	0,0,24	0.0	0.0	0.0	0,0,0
238	0.0	0.0	0.05	0,0,24	0.0	0.0	0.0	0,0,0
239	0.0	0.0	0.06	0,0,24	0.0	0.0	0.0	0,0,0
240	0.0	0.0	0.04	0,0,24	0.0	0.0	0.0	0,0,0
241	0.0	0.0	0.04	0,0,25	0.0	0.0	0.0	0,0,0
242	0.0	0.0	0.06	0,0,24	0.0	0.0	0.0	0,0,0
243	0.0	0.0	0.07	0,0,24	0.0	0.0	0.0	0,0,0
244	0.0	0.0	0.07	0,0,24	0.0	0.0	0.0	0,0,0
245	0.0	0.0	0.06	0,0,24	0.0	0.0	0.0	0,0,0
246	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
247	0.0	0.0	0.07	0,0,25	0.0	0.0	0.0	0,0,0
248	0.0	0.0	0.02	0,0,24	0.0	0.0	0.0	0,0,0
249	0.0	0.0	0.03	0,0,25	0.0	0.0	0.0	0,0,0
250	0.0	0.0	0.03	0,0,25	0.0	0.0	0.0	0,0,0
251	0.0	0.0	0.02	0,0,24	0.0	0.0	0.0	0,0,0
252	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
253	0.0	0.0	0.09	0,0,25	0.0	0.0	0.0	0,0,0
254	0.0	0.0	0.02	0,0,25	0.0	0.0	0.0	0,0,0
255	0.0	0.0	0.02	0,0,25	0.0	0.0	0.0	0,0,0
256	0.0	0.0	0.02	0,0,25	0.0	0.0	0.0	0,0,0
257	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
258	0.0	0.0	0.04	0,0,24	0.0	0.0	0.0	0,0,0
259	0.0	0.0	0.11	0,0,25	0.0	0.0	0.0	0,0,0
260	0.0	0.0	0.03	0,0,25	0.0	0.0	0.0	0,0,0
261	0.0	0.0	0.02	0,0,24	0.0	0.0	0.0	0,0,0
262	0.0	0.0	0.02	0,0,24	0.0	0.0	0.0	0,0,0
263	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
264	0.0	0.0	0.05	0,0,24	0.0	0.0	0.0	0,0,0
265	0.0	0.0	0.12	0,0,25	0.0	0.0	0.0	0,0,0

266	0.0	0.0	0.04	0,0,25	0.0	0.0	0.0	0,0,0
267	0.0	0.0	0.02	0,0,24	0.0	0.0	0.0	0,0,0
268	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
269	0.0	0.0	0.04	0,0,24	0.0	0.0	0.0	0,0,0
270	0.0	0.0	0.05	0,0,24	0.0	0.0	0.0	0,0,0
271	0.0	0.0	0.13	0,0,25	0.0	0.0	0.0	0,0,0
272	0.0	0.0	0.05	0,0,25	0.0	0.0	0.0	0,0,0
273	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
274	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
275	0.0	0.0	0.04	0,0,24	0.0	0.0	0.0	0,0,0
276	0.0	0.0	0.06	0,0,24	0.0	0.0	0.0	0,0,0
277	0.0	0.0	0.14	0,0,25	0.0	0.0	0.0	0,0,0
278	0.0	0.0	0.06	0,0,25	0.0	0.0	0.0	0,0,0
279	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
280	0.0	0.0	0.04	0,0,24	0.0	0.0	0.0	0,0,0
281	0.0	0.0	0.05	0,0,24	0.0	0.0	0.0	0,0,0
282	0.0	0.0	0.06	0,0,24	0.0	0.0	0.0	0,0,0
283	0.0	0.0	0.15	0,0,25	0.0	0.0	0.0	0,0,0
284	0.0	0.0	0.06	0,0,25	0.0	0.0	0.0	0,0,0
285	0.0	0.0	0.04	0,0,24	0.0	0.0	0.0	0,0,0
286	0.0	0.0	0.04	0,0,24	0.0	0.0	0.0	0,0,0
287	0.0	0.0	0.05	0,0,24	0.0	0.0	0.0	0,0,0
288	0.0	0.0	0.06	0,0,24	0.0	0.0	0.0	0,0,0
289	0.0	0.0	0.15	0,0,25	0.0	0.0	0.0	0,0,0
290	0.0	0.0	0.07	0,0,25	0.0	0.0	0.0	0,0,0
291	0.0	0.0	0.04	0,0,24	0.0	0.0	0.0	0,0,0
292	0.0	0.0	0.04	0,0,24	0.0	0.0	0.0	0,0,0
293	0.0	0.0	0.05	0,0,24	0.0	0.0	0.0	0,0,0
294	0.0	0.0	0.06	0,0,24	0.0	0.0	0.0	0,0,0
295	0.0	0.0	0.15	0,0,25	0.0	0.0	0.0	0,0,0
296	0.0	0.0	0.07	0,0,25	0.0	0.0	0.0	0,0,0
297	0.0	0.0	0.04	0,0,24	0.0	0.0	0.0	0,0,0
298	0.0	0.0	0.04	0,0,24	0.0	0.0	0.0	0,0,0
299	0.0	0.0	0.05	0,0,24	0.0	0.0	0.0	0,0,0
300	0.0	0.0	0.06	0,0,24	0.0	0.0	0.0	0,0,0
301	0.0	0.0	0.15	0,0,25	0.0	0.0	0.0	0,0,0
302	0.0	0.0	0.07	0,0,25	0.0	0.0	0.0	0,0,0
303	0.0	0.0	0.04	0,0,24	0.0	0.0	0.0	0,0,0
304	0.0	0.0	0.04	0,0,24	0.0	0.0	0.0	0,0,0
305	0.0	0.0	0.05	0,0,24	0.0	0.0	0.0	0,0,0
306	0.0	0.0	0.06	0,0,24	0.0	0.0	0.0	0,0,0
307	0.0	0.0	0.15	0,0,25	0.0	0.0	0.0	0,0,0
308	0.0	0.0	0.07	0,0,25	0.0	0.0	0.0	0,0,0
309	0.0	0.0	0.04	0,0,24	0.0	0.0	0.0	0,0,0
310	0.0	0.0	0.04	0,0,24	0.0	0.0	0.0	0,0,0
311	0.0	0.0	0.05	0,0,24	0.0	0.0	0.0	0,0,0
312	0.0	0.0	0.06	0,0,24	0.0	0.0	0.0	0,0,0
313	0.0	0.0	0.15	0,0,25	0.0	0.0	0.0	0,0,0
314	0.0	0.0	0.06	0,0,25	0.0	0.0	0.0	0,0,0
315	0.0	0.0	0.04	0,0,24	0.0	0.0	0.0	0,0,0
316	0.0	0.0	0.04	0,0,24	0.0	0.0	0.0	0,0,0
317	0.0	0.0	0.05	0,0,24	0.0	0.0	0.0	0,0,0
318	0.0	0.0	0.06	0,0,24	0.0	0.0	0.0	0,0,0
319	0.0	0.0	0.14	0,0,25	0.0	0.0	0.0	0,0,0
320	0.0	0.0	0.06	0,0,25	0.0	0.0	0.0	0,0,0
321	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
322	0.0	0.0	0.04	0,0,24	0.0	0.0	0.0	0,0,0
323	0.0	0.0	0.05	0,0,24	0.0	0.0	0.0	0,0,0
324	0.0	0.0	0.06	0,0,24	0.0	0.0	0.0	0,0,0
325	0.0	0.0	0.13	0,0,25	0.0	0.0	0.0	0,0,0
326	0.0	0.0	0.05	0,0,25	0.0	0.0	0.0	0,0,0
327	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
328	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
329	0.0	0.0	0.04	0,0,24	0.0	0.0	0.0	0,0,0
330	0.0	0.0	0.06	0,0,24	0.0	0.0	0.0	0,0,0
331	0.0	0.0	0.12	0,0,25	0.0	0.0	0.0	0,0,0
332	0.0	0.0	0.04	0,0,25	0.0	0.0	0.0	0,0,0
333	0.0	0.0	0.02	0,0,24	0.0	0.0	0.0	0,0,0
334	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
335	0.0	0.0	0.04	0,0,24	0.0	0.0	0.0	0,0,0
336	0.0	0.0	0.05	0,0,24	0.0	0.0	0.0	0,0,0
337	0.0	0.0	0.11	0,0,25	0.0	0.0	0.0	0,0,0
338	0.0	0.0	0.03	0,0,25	0.0	0.0	0.0	0,0,0
339	0.0	0.0	0.02	0,0,24	0.0	0.0	0.0	0,0,0
340	0.0	0.0	0.02	0,0,24	0.0	0.0	0.0	0,0,0
341	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
342	0.0	0.0	0.05	0,0,24	0.0	0.0	0.0	0,0,0

343	0.0	0.0	0.09	0,0,25	0.0	0.0	0.0	0,0,0
344	0.0	0.0	0.02	0,0,25	0.0	0.0	0.0	0,0,0
345	0.0	0.0	0.02	0,0,25	0.0	0.0	0.0	0,0,0
346	0.0	0.0	0.02	0,0,25	0.0	0.0	0.0	0,0,0
347	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
348	0.0	0.0	0.04	0,0,24	0.0	0.0	0.0	0,0,0
349	0.0	0.0	0.07	0,0,25	0.0	0.0	0.0	0,0,0
350	0.0	0.0	0.02	0,0,24	0.0	0.0	0.0	0,0,0
351	0.0	0.0	0.03	0,0,25	0.0	0.0	0.0	0,0,0
352	0.0	0.0	0.03	0,0,25	0.0	0.0	0.0	0,0,0
353	0.0	0.0	0.02	0,0,24	0.0	0.0	0.0	0,0,0
354	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
355	0.0	0.0	0.04	0,0,25	0.0	0.0	0.0	0,0,0
356	0.0	0.0	0.06	0,0,24	0.0	0.0	0.0	0,0,0
357	0.0	0.0	0.07	0,0,24	0.0	0.0	0.0	0,0,0
358	0.0	0.0	0.07	0,0,24	0.0	0.0	0.0	0,0,0
359	0.0	0.0	0.06	0,0,24	0.0	0.0	0.0	0,0,0
360	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0

Setto	**rRfck**	**rRfyk**	**rPfck**		**wR**	**wF**	**wP**	
	0.0	0.0	0.15		0.0	0.0	0.0	

Guscio	**rRfck**	**rRfyk**	**rPfck**	**Rif. cmb**	**wR**	**wF**	**wP**	**Rif. cmb**
					mm	mm	mm	
1	0.0	0.0	0.13	0,0,25	0.0	0.0	0.0	0,0,0
2	0.0	0.0	0.09	0,0,25	0.0	0.0	0.0	0,0,0
3	0.0	0.0	0.09	0,0,25	0.0	0.0	0.0	0,0,0
4	0.0	0.0	0.13	0,0,25	0.0	0.0	0.0	0,0,0
5	0.0	0.0	0.13	0,0,25	0.0	0.0	0.0	0,0,0
6	0.0	0.0	0.07	0,0,25	0.0	0.0	0.0	0,0,0
7	0.0	0.0	0.07	0,0,25	0.0	0.0	0.0	0,0,0
8	0.0	0.0	0.13	0,0,25	0.0	0.0	0.0	0,0,0
9	0.0	0.0	0.10	0,0,25	0.0	0.0	0.0	0,0,0
10	0.0	0.0	0.05	0,0,25	0.0	0.0	0.0	0,0,0
11	0.0	0.0	0.05	0,0,25	0.0	0.0	0.0	0,0,0
12	0.0	0.0	0.10	0,0,25	0.0	0.0	0.0	0,0,0
13	0.0	0.0	0.07	0,0,25	0.0	0.0	0.0	0,0,0
14	0.0	0.0	0.04	0,0,24	0.0	0.0	0.0	0,0,0
15	0.0	0.0	0.04	0,0,24	0.0	0.0	0.0	0,0,0
16	0.0	0.0	0.07	0,0,25	0.0	0.0	0.0	0,0,0
17	0.0	0.0	0.05	0,0,24	0.0	0.0	0.0	0,0,0
18	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
19	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
20	0.0	0.0	0.05	0,0,24	0.0	0.0	0.0	0,0,0
21	0.0	0.0	0.04	0,0,24	0.0	0.0	0.0	0,0,0
22	0.0	0.0	0.03	0,0,25	0.0	0.0	0.0	0,0,0
23	0.0	0.0	0.03	0,0,25	0.0	0.0	0.0	0,0,0
24	0.0	0.0	0.04	0,0,24	0.0	0.0	0.0	0,0,0
25	0.0	0.0	0.03	0,0,25	0.0	0.0	0.0	0,0,0
26	0.0	0.0	0.02	0,0,25	0.0	0.0	0.0	0,0,0
27	0.0	0.0	0.02	0,0,25	0.0	0.0	0.0	0,0,0
28	0.0	0.0	0.03	0,0,25	0.0	0.0	0.0	0,0,0
29	0.0	0.0	0.02	0,0,25	0.0	0.0	0.0	0,0,0
30	0.0	0.0	0.01	0,0,25	0.0	0.0	0.0	0,0,0
31	0.0	0.0	0.01	0,0,25	0.0	0.0	0.0	0,0,0
32	0.0	0.0	0.02	0,0,25	0.0	0.0	0.0	0,0,0
33	0.0	0.0	0.11	0,0,25	0.0	0.0	0.0	0,0,0
34	0.0	0.0	0.07	0,0,25	0.0	0.0	0.0	0,0,0
35	0.0	0.0	0.05	0,0,25	0.0	0.0	0.0	0,0,0
36	0.0	0.0	0.07	0,0,25	0.0	0.0	0.0	0,0,0
37	0.0	0.0	0.07	0,0,25	0.0	0.0	0.0	0,0,0
38	0.0	0.0	0.06	0,0,25	0.0	0.0	0.0	0,0,0
39	0.0	0.0	0.06	0,0,25	0.0	0.0	0.0	0,0,0
40	0.0	0.0	0.05	0,0,25	0.0	0.0	0.0	0,0,0
41	0.0	0.0	0.03	0,0,25	0.0	0.0	0.0	0,0,0
42	0.0	0.0	0.01	0,0,25	0.0	0.0	0.0	0,0,0
43	0.0	0.0	0.13	0,0,25	0.0	0.0	0.0	0,0,0
44	0.0	0.0	0.09	0,0,25	0.0	0.0	0.0	0,0,0
45	0.0	0.0	0.07	0,0,25	0.0	0.0	0.0	0,0,0
46	0.0	0.0	0.08	0,0,25	0.0	0.0	0.0	0,0,0
47	0.0	0.0	0.08	0,0,25	0.0	0.0	0.0	0,0,0
48	0.0	0.0	0.07	0,0,25	0.0	0.0	0.0	0,0,0
49	0.0	0.0	0.06	0,0,25	0.0	0.0	0.0	0,0,0
50	0.0	0.0	0.05	0,0,25	0.0	0.0	0.0	0,0,0
51	0.0	0.0	0.03	0,0,25	0.0	0.0	0.0	0,0,0
52	0.0	0.0	0.02	0,0,25	0.0	0.0	0.0	0,0,0

53	0.0	0.0	0.11	0,0,25	0.0	0.0	0.0	0,0,0
54	0.0	0.0	0.09	0,0,25	0.0	0.0	0.0	0,0,0
55	0.0	0.0	0.08	0,0,25	0.0	0.0	0.0	0,0,0
56	0.0	0.0	0.07	0,0,25	0.0	0.0	0.0	0,0,0
57	0.0	0.0	0.06	0,0,25	0.0	0.0	0.0	0,0,0
58	0.0	0.0	0.05	0,0,25	0.0	0.0	0.0	0,0,0
59	0.0	0.0	0.05	0,0,25	0.0	0.0	0.0	0,0,0
60	0.0	0.0	0.05	0,0,25	0.0	0.0	0.0	0,0,0
61	0.0	0.0	0.04	0,0,25	0.0	0.0	0.0	0,0,0
62	0.0	0.0	0.04	0,0,25	0.0	0.0	0.0	0,0,0
63	0.0	0.0	0.08	0,0,25	0.0	0.0	0.0	0,0,0
64	0.0	0.0	0.09	0,0,25	0.0	0.0	0.0	0,0,0
65	0.0	0.0	0.08	0,0,25	0.0	0.0	0.0	0,0,0
66	0.0	0.0	0.08	0,0,25	0.0	0.0	0.0	0,0,0
67	0.0	0.0	0.08	0,0,25	0.0	0.0	0.0	0,0,0
68	0.0	0.0	0.08	0,0,25	0.0	0.0	0.0	0,0,0
69	0.0	0.0	0.08	0,0,25	0.0	0.0	0.0	0,0,0
70	0.0	0.0	0.08	0,0,25	0.0	0.0	0.0	0,0,0
71	0.0	0.0	0.09	0,0,25	0.0	0.0	0.0	0,0,0
72	0.0	0.0	0.09	0,0,25	0.0	0.0	0.0	0,0,0
73	0.0	0.0	0.05	0,0,25	0.0	0.0	0.0	0,0,0
74	0.0	0.0	0.08	0,0,25	0.0	0.0	0.0	0,0,0
75	0.0	0.0	0.10	0,0,25	0.0	0.0	0.0	0,0,0
76	0.0	0.0	0.11	0,0,25	0.0	0.0	0.0	0,0,0
77	0.0	0.0	0.12	0,0,25	0.0	0.0	0.0	0,0,0
78	0.0	0.0	0.13	0,0,25	0.0	0.0	0.0	0,0,0
79	0.0	0.0	0.14	0,0,25	0.0	0.0	0.0	0,0,0
80	0.0	0.0	0.15	0,0,25	0.0	0.0	0.0	0,0,0
81	0.0	0.0	0.15	0,0,25	0.0	0.0	0.0	0,0,0
82	0.0	0.0	0.15	0,0,25	0.0	0.0	0.0	0,0,0
83	0.0	0.0	0.04	0,0,25	0.0	0.0	0.0	0,0,0
84	0.0	0.0	0.04	0,0,25	0.0	0.0	0.0	0,0,0
85	0.0	0.0	0.05	0,0,24	0.0	0.0	0.0	0,0,0
86	0.0	0.0	0.05	0,0,24	0.0	0.0	0.0	0,0,0
87	0.0	0.0	0.06	0,0,24	0.0	0.0	0.0	0,0,0
88	0.0	0.0	0.06	0,0,24	0.0	0.0	0.0	0,0,0
89	0.0	0.0	0.06	0,0,24	0.0	0.0	0.0	0,0,0
90	0.0	0.0	0.06	0,0,24	0.0	0.0	0.0	0,0,0
91	0.0	0.0	0.06	0,0,24	0.0	0.0	0.0	0,0,0
92	0.0	0.0	0.06	0,0,24	0.0	0.0	0.0	0,0,0
93	0.0	0.0	0.03	0,0,25	0.0	0.0	0.0	0,0,0
94	0.0	0.0	0.03	0,0,25	0.0	0.0	0.0	0,0,0
95	0.0	0.0	0.03	0,0,25	0.0	0.0	0.0	0,0,0
96	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
97	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
98	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
99	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
100	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
101	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
102	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
103	0.0	0.0	0.02	0,0,25	0.0	0.0	0.0	0,0,0
104	0.0	0.0	0.02	0,0,25	0.0	0.0	0.0	0,0,0
105	0.0	0.0	0.02	0,0,25	0.0	0.0	0.0	0,0,0
106	0.0	0.0	0.02	0,0,25	0.0	0.0	0.0	0,0,0
107	0.0	0.0	0.01	0,0,25	0.0	0.0	0.0	0,0,0
108	0.0	0.0	0.02	0,0,25	0.0	0.0	0.0	0,0,0
109	0.0	0.0	0.02	0,0,25	0.0	0.0	0.0	0,0,0
110	0.0	0.0	0.02	0,0,25	0.0	0.0	0.0	0,0,0
111	0.0	0.0	0.01	0,0,25	0.0	0.0	0.0	0,0,0
112	0.0	0.0	7.42e-03	0,0,24	0.0	0.0	0.0	0,0,0
113	0.0	0.0	0.01	0,0,25	0.0	0.0	0.0	0,0,0
114	0.0	0.0	0.03	0,0,25	0.0	0.0	0.0	0,0,0
115	0.0	0.0	0.05	0,0,25	0.0	0.0	0.0	0,0,0
116	0.0	0.0	0.06	0,0,25	0.0	0.0	0.0	0,0,0
117	0.0	0.0	0.06	0,0,25	0.0	0.0	0.0	0,0,0
118	0.0	0.0	0.07	0,0,25	0.0	0.0	0.0	0,0,0
119	0.0	0.0	0.07	0,0,25	0.0	0.0	0.0	0,0,0
120	0.0	0.0	0.05	0,0,25	0.0	0.0	0.0	0,0,0
121	0.0	0.0	0.07	0,0,25	0.0	0.0	0.0	0,0,0
122	0.0	0.0	0.11	0,0,25	0.0	0.0	0.0	0,0,0
123	0.0	0.0	0.02	0,0,25	0.0	0.0	0.0	0,0,0
124	0.0	0.0	0.03	0,0,25	0.0	0.0	0.0	0,0,0
125	0.0	0.0	0.05	0,0,25	0.0	0.0	0.0	0,0,0
126	0.0	0.0	0.06	0,0,25	0.0	0.0	0.0	0,0,0
127	0.0	0.0	0.07	0,0,25	0.0	0.0	0.0	0,0,0
128	0.0	0.0	0.08	0,0,25	0.0	0.0	0.0	0,0,0
129	0.0	0.0	0.08	0,0,25	0.0	0.0	0.0	0,0,0

130	0.0	0.0	0.07	0,0,25	0.0	0.0	0.0	0,0,0
131	0.0	0.0	0.09	0,0,25	0.0	0.0	0.0	0,0,0
132	0.0	0.0	0.13	0,0,25	0.0	0.0	0.0	0,0,0
133	0.0	0.0	0.04	0,0,25	0.0	0.0	0.0	0,0,0
134	0.0	0.0	0.04	0,0,25	0.0	0.0	0.0	0,0,0
135	0.0	0.0	0.05	0,0,25	0.0	0.0	0.0	0,0,0
136	0.0	0.0	0.05	0,0,25	0.0	0.0	0.0	0,0,0
137	0.0	0.0	0.05	0,0,25	0.0	0.0	0.0	0,0,0
138	0.0	0.0	0.06	0,0,25	0.0	0.0	0.0	0,0,0
139	0.0	0.0	0.07	0,0,25	0.0	0.0	0.0	0,0,0
140	0.0	0.0	0.08	0,0,25	0.0	0.0	0.0	0,0,0
141	0.0	0.0	0.09	0,0,25	0.0	0.0	0.0	0,0,0
142	0.0	0.0	0.11	0,0,25	0.0	0.0	0.0	0,0,0
143	0.0	0.0	0.09	0,0,25	0.0	0.0	0.0	0,0,0
144	0.0	0.0	0.09	0,0,25	0.0	0.0	0.0	0,0,0
145	0.0	0.0	0.08	0,0,25	0.0	0.0	0.0	0,0,0
146	0.0	0.0	0.08	0,0,25	0.0	0.0	0.0	0,0,0
147	0.0	0.0	0.08	0,0,25	0.0	0.0	0.0	0,0,0
148	0.0	0.0	0.08	0,0,25	0.0	0.0	0.0	0,0,0
149	0.0	0.0	0.08	0,0,25	0.0	0.0	0.0	0,0,0
150	0.0	0.0	0.08	0,0,25	0.0	0.0	0.0	0,0,0
151	0.0	0.0	0.09	0,0,25	0.0	0.0	0.0	0,0,0
152	0.0	0.0	0.08	0,0,25	0.0	0.0	0.0	0,0,0
153	0.0	0.0	0.15	0,0,25	0.0	0.0	0.0	0,0,0
154	0.0	0.0	0.15	0,0,25	0.0	0.0	0.0	0,0,0
155	0.0	0.0	0.15	0,0,25	0.0	0.0	0.0	0,0,0
156	0.0	0.0	0.14	0,0,25	0.0	0.0	0.0	0,0,0
157	0.0	0.0	0.13	0,0,25	0.0	0.0	0.0	0,0,0
158	0.0	0.0	0.12	0,0,25	0.0	0.0	0.0	0,0,0
159	0.0	0.0	0.11	0,0,25	0.0	0.0	0.0	0,0,0
160	0.0	0.0	0.10	0,0,25	0.0	0.0	0.0	0,0,0
161	0.0	0.0	0.08	0,0,25	0.0	0.0	0.0	0,0,0
162	0.0	0.0	0.05	0,0,25	0.0	0.0	0.0	0,0,0
163	0.0	0.0	0.06	0,0,24	0.0	0.0	0.0	0,0,0
164	0.0	0.0	0.06	0,0,24	0.0	0.0	0.0	0,0,0
165	0.0	0.0	0.06	0,0,24	0.0	0.0	0.0	0,0,0
166	0.0	0.0	0.06	0,0,24	0.0	0.0	0.0	0,0,0
167	0.0	0.0	0.06	0,0,24	0.0	0.0	0.0	0,0,0
168	0.0	0.0	0.06	0,0,24	0.0	0.0	0.0	0,0,0
169	0.0	0.0	0.05	0,0,24	0.0	0.0	0.0	0,0,0
170	0.0	0.0	0.05	0,0,24	0.0	0.0	0.0	0,0,0
171	0.0	0.0	0.04	0,0,25	0.0	0.0	0.0	0,0,0
172	0.0	0.0	0.04	0,0,25	0.0	0.0	0.0	0,0,0
173	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
174	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
175	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
176	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
177	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
178	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
179	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
180	0.0	0.0	0.03	0,0,25	0.0	0.0	0.0	0,0,0
181	0.0	0.0	0.03	0,0,25	0.0	0.0	0.0	0,0,0
182	0.0	0.0	0.03	0,0,25	0.0	0.0	0.0	0,0,0
183	0.0	0.0	7.42e-03	0,0,24	0.0	0.0	0.0	0,0,0
184	0.0	0.0	0.01	0,0,25	0.0	0.0	0.0	0,0,0
185	0.0	0.0	0.02	0,0,25	0.0	0.0	0.0	0,0,0
186	0.0	0.0	0.02	0,0,25	0.0	0.0	0.0	0,0,0
187	0.0	0.0	0.02	0,0,25	0.0	0.0	0.0	0,0,0
188	0.0	0.0	0.01	0,0,25	0.0	0.0	0.0	0,0,0
189	0.0	0.0	0.02	0,0,25	0.0	0.0	0.0	0,0,0
190	0.0	0.0	0.02	0,0,25	0.0	0.0	0.0	0,0,0
191	0.0	0.0	0.02	0,0,25	0.0	0.0	0.0	0,0,0
192	0.0	0.0	0.02	0,0,25	0.0	0.0	0.0	0,0,0
361	0.0	0.0	0.08	0,0,24	0.0	0.0	0.0	0,0,0
362	0.0	0.0	0.05	0,0,25	0.0	0.0	0.0	0,0,0
363	0.0	0.0	0.05	0,0,25	0.0	0.0	0.0	0,0,0
364	0.0	0.0	0.08	0,0,24	0.0	0.0	0.0	0,0,0
365	0.0	0.0	0.07	0,0,24	0.0	0.0	0.0	0,0,0
366	0.0	0.0	0.04	0,0,24	0.0	0.0	0.0	0,0,0
367	0.0	0.0	0.04	0,0,24	0.0	0.0	0.0	0,0,0
368	0.0	0.0	0.07	0,0,24	0.0	0.0	0.0	0,0,0
369	0.0	0.0	0.05	0,0,24	0.0	0.0	0.0	0,0,0
370	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
371	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
372	0.0	0.0	0.05	0,0,24	0.0	0.0	0.0	0,0,0
373	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
374	0.0	0.0	0.02	0,0,24	0.0	0.0	0.0	0,0,0

375	0.0	0.0	0.02	0,0,24	0.0	0.0	0.0	0,0,0
376	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
377	0.0	0.0	0.04	0,0,25	0.0	0.0	0.0	0,0,0
378	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
379	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
380	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
381	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
382	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
383	0.0	0.0	0.02	0,0,24	0.0	0.0	0.0	0,0,0
384	0.0	0.0	0.02	0,0,24	0.0	0.0	0.0	0,0,0
385	0.0	0.0	0.01	0,0,24	0.0	0.0	0.0	0,0,0
386	0.0	0.0	6.25e-03	0,0,24	0.0	0.0	0.0	0,0,0
387	0.0	0.0	0.04	0,0,25	0.0	0.0	0.0	0,0,0
388	0.0	0.0	0.04	0,0,24	0.0	0.0	0.0	0,0,0
389	0.0	0.0	0.04	0,0,24	0.0	0.0	0.0	0,0,0
390	0.0	0.0	0.04	0,0,24	0.0	0.0	0.0	0,0,0
391	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
392	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
393	0.0	0.0	0.02	0,0,24	0.0	0.0	0.0	0,0,0
394	0.0	0.0	0.02	0,0,24	0.0	0.0	0.0	0,0,0
395	0.0	0.0	0.01	0,0,24	0.0	0.0	0.0	0,0,0
396	0.0	0.0	7.39e-03	0,0,25	0.0	0.0	0.0	0,0,0
397	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
398	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
399	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
400	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
401	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
402	0.0	0.0	0.03	0,0,25	0.0	0.0	0.0	0,0,0
403	0.0	0.0	0.03	0,0,25	0.0	0.0	0.0	0,0,0
404	0.0	0.0	0.02	0,0,25	0.0	0.0	0.0	0,0,0
405	0.0	0.0	0.02	0,0,25	0.0	0.0	0.0	0,0,0
406	0.0	0.0	0.02	0,0,24	0.0	0.0	0.0	0,0,0
407	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
408	0.0	0.0	0.04	0,0,24	0.0	0.0	0.0	0,0,0
409	0.0	0.0	0.04	0,0,25	0.0	0.0	0.0	0,0,0
410	0.0	0.0	0.05	0,0,25	0.0	0.0	0.0	0,0,0
411	0.0	0.0	0.05	0,0,25	0.0	0.0	0.0	0,0,0
412	0.0	0.0	0.05	0,0,25	0.0	0.0	0.0	0,0,0
413	0.0	0.0	0.05	0,0,25	0.0	0.0	0.0	0,0,0
414	0.0	0.0	0.05	0,0,25	0.0	0.0	0.0	0,0,0
415	0.0	0.0	0.05	0,0,25	0.0	0.0	0.0	0,0,0
416	0.0	0.0	0.05	0,0,24	0.0	0.0	0.0	0,0,0
417	0.0	0.0	6.25e-03	0,0,24	0.0	0.0	0.0	0,0,0
418	0.0	0.0	0.01	0,0,24	0.0	0.0	0.0	0,0,0
419	0.0	0.0	0.02	0,0,24	0.0	0.0	0.0	0,0,0
420	0.0	0.0	0.02	0,0,24	0.0	0.0	0.0	0,0,0
421	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
422	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
423	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
424	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
425	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
426	0.0	0.0	0.04	0,0,25	0.0	0.0	0.0	0,0,0
427	0.0	0.0	7.39e-03	0,0,25	0.0	0.0	0.0	0,0,0
428	0.0	0.0	0.01	0,0,24	0.0	0.0	0.0	0,0,0
429	0.0	0.0	0.02	0,0,24	0.0	0.0	0.0	0,0,0
430	0.0	0.0	0.02	0,0,24	0.0	0.0	0.0	0,0,0
431	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
432	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
433	0.0	0.0	0.04	0,0,24	0.0	0.0	0.0	0,0,0
434	0.0	0.0	0.04	0,0,24	0.0	0.0	0.0	0,0,0
435	0.0	0.0	0.04	0,0,24	0.0	0.0	0.0	0,0,0
436	0.0	0.0	0.04	0,0,25	0.0	0.0	0.0	0,0,0
437	0.0	0.0	0.02	0,0,24	0.0	0.0	0.0	0,0,0
438	0.0	0.0	0.02	0,0,25	0.0	0.0	0.0	0,0,0
439	0.0	0.0	0.02	0,0,25	0.0	0.0	0.0	0,0,0
440	0.0	0.0	0.03	0,0,25	0.0	0.0	0.0	0,0,0
441	0.0	0.0	0.03	0,0,25	0.0	0.0	0.0	0,0,0
442	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
443	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
444	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
445	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
446	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0
447	0.0	0.0	0.05	0,0,24	0.0	0.0	0.0	0,0,0
448	0.0	0.0	0.05	0,0,25	0.0	0.0	0.0	0,0,0
449	0.0	0.0	0.05	0,0,25	0.0	0.0	0.0	0,0,0
450	0.0	0.0	0.05	0,0,25	0.0	0.0	0.0	0,0,0
451	0.0	0.0	0.05	0,0,25	0.0	0.0	0.0	0,0,0

452	0.0	0.0	0.05	0,0,25	0.0	0.0	0.0	0,0,0
453	0.0	0.0	0.05	0,0,25	0.0	0.0	0.0	0,0,0
454	0.0	0.0	0.04	0,0,25	0.0	0.0	0.0	0,0,0
455	0.0	0.0	0.04	0,0,24	0.0	0.0	0.0	0,0,0
456	0.0	0.0	0.03	0,0,24	0.0	0.0	0.0	0,0,0

Guscio	**rRfck**	**rRfyk**	**rPfck**		**wR**	**wF**	**wP**	
	0.0	0.0	0.15		0.0	0.0	0.0	