comune di
PRATO
Codice Fiscale: **84006890481**

Progetto :

Nuovo complesso riabilitativo e terapeutico in Via Roma

Titolo:

OPERE DI NUOVA REALIZZAZIONE

Fase:

ESECUTIVO

Assessore ai lavori pubblici	**Valerio Barberis**
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Progettisti

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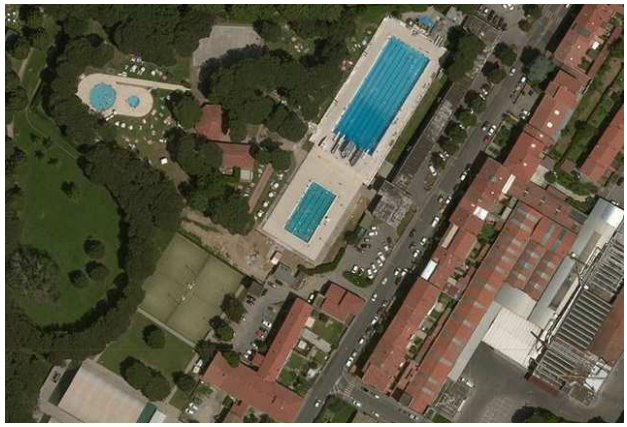
Progetto di conformità antincendio:	**Arch. Alberto Banchini**
Coord. sicurezza in fase di progetto ed esecuzione:	**Geom. Giovanni Santi**



Elaborato: RELAZIONE SPECIALISTICA - OPERE STRUTTURALI

Spazio riservato agli uffici:

data: **novembre 2016**

Sommario

Introduzione

Sistemi di riferimento

Le coordinate, i carichi concentrati, i cedimenti, le reazioni vincolari e gli spostamenti dei NODI sono riferiti ad una terna destra cartesiana globale con l'asse Z verticale rivolto verso l'alto.
I carichi in coordinate locali e le sollecitazioni delle ASTE sono riferite ad una terna destra cartesiana locale così definita:
- origine nel nodo iniziale dell'asta;
- asse X coincidente con l'asse dell'asta e con verso dal nodo iniziale al nodo finale;
- immaginando la trave a sezione rettangolare l'asse Y è parallelo alla base e l'asse Z è parallelo all'altezza.
La rotazione dell'asta comporta quindi una rotazione di tutta la terna locale.

Si può immaginare la terna locale di un'asta comunque disposta nello spazio come derivante da quella globale dopo una serie di trasformazioni:
- una rotazione intorno all'asse Z che porti l'asse X a coincidere con la proiezione dell'asse dell'asta sul piano orizzontale;
- una traslazione lungo il nuovo asse X così definito in modo da portare l'origine a coincidere con la proiezione del nodo iniziale dell'asta sul piano orizzontale;
- una traslazione lungo l'asse Z che porti l'origine a coincidere con il nodo iniziale dell'asta;
- una rotazione intorno all'asse Y così definito che porti l'asse X a coincidere con l'asse dell'asta;
- una rotazione intorno all'asse X così definito pari alla rotazione dell'asta.

In pratica le travi prive di rotazione avranno sempre l'asse Z rivolto verso l'alto e l'asse Y nel piano del solaio, mentre i pilastri privi di rotazione avranno l'asse Y parallelo all'asse Y globale e l'asse Z parallelo ma controverso all'asse X globale. Da notare quindi che per i pilastri la "base" è il lato parallelo a Y.

Le sollecitazioni ed i carichi in coordinate locali negli ELEMENTI BIDIMENSIONALI e nei MURI sono riferiti ad una terna destra cartesiana locale così definita:
- origine nel primo nodo dell'elemento;
- asse X coincidente con la congiungente il primo ed il secondo nodo dell'elemento;
- asse Y definito come prodotto vettoriale fra il versore dell'asse X e il versore della congiungente il primo e il quarto nodo. Asse Z a formare con gli altri due una terna destrorsa.

Praticamente un elemento verticale con l'asse X locale coincidente con l'asse X globale ha anche gli altri assi locali coincidenti con quelli globali.

Rotazioni e momenti

Seguendo il principio adottato per tutti i carichi che sono positivi se CONTROVERSI agli assi, anche i momenti concentrati e le rotazioni impresse in coordinate globali risultano positivi se CONTROVERSI al segno positivo delle rotazioni. Il segno positivo dei momenti e delle rotazioni è quello orario per l'osservatore posto nell'origine: X ruota su Y, Y ruota su Z, Z ruota su X. In pratica è sufficiente adottare la regola della mano destra: col pollice rivolto nella direzione dell'asse, la rotazione che porta a chiudere il palmo della mano corrisponde al segno positivo.

Normativa di riferimento

La normativa di riferimento è la seguente:
- Legge n. 64 del 2/2/1974 - Provvedimenti per le costruzioni con particolari prescrizioni per le zone sismiche.

- D.M. del 24/1/1986 - Norme tecniche relative alle costruzioni sismiche.

- Legge n. 1086 del 5/11/1971 - Norme per la disciplina delle opere di conglomerato cementizio armato, normale e precompresso ed a struttura metallica.

- D.M. del 14/2/1992 - Norme tecniche per l'esecuzione delle opere in c.a. normale e precompresso e per le strutture metalliche.

- D.M. del 9/1/1996 - Norme tecniche per l'esecuzione delle opere in c.a. normale e precompresso e per le strutture metalliche.

- D.M. del 16/1/1996 - Norme tecniche per le costruzioni in zone sismiche.

- Circolare n. 21745 del 30/7/1981 - Legge n. 219 del 14/5/1981 - Art. 10 - Istruzioni relative al rafforzamento degli edifici in muratura danneggiati dal sisma.

- Regione Autonoma Friuli Venezia Giulia - Legge Regionale n. 30 del 20/6/1977 - Documentazione tecnica per la progettazione e direzione delle opere di riparazione degli edifici - Documento Tecnico n. 2 - Raccomandazioni per la riparazione strutturale degli edifici in muratura.

- D.M. del 20/11/1987 - Norme Tecniche per la progettazione, esecuzione e collaudo degli edifici in muratura e per il loro consolidamento.

- Norme Tecniche C.N.R. n. 10011-85 del 18/4/1985 - Costruzioni di acciaio - Istruzioni per il calcolo, l'esecuzione, il collaudo e la manutenzione.

- Norme Tecniche C.N.R. n. 10025-84 del 14/12/1984 - Istruzioni per il progetto, l'esecuzione ed il controllo delle strutture prefabbricate in conglomerato cementizio e per le strutture costruite con sistemi industrializzati di acciaio - Istruzioni per il calcolo, l'esecuzione, il collaudo e la manutenzione.

- Circolare n. 65 del 10/4/1997 - Istruzioni per l'applicazione delle "Norme tecniche per le costruzioni in zone sismiche" di cui al D.M. del 16/1/1996.

- Eurocodice 5 - Progettazione delle strutture di legno.

- DIN 1052 - Metodi di verifica per il legno.

- D.M. del 14/1/2008 - Norme tecniche per le costruzioni. Le verifiche degli elementi di fondazione sono eseguite utilizzando l'Approccio 2.

- Circolare n. 617 del 2/2/2009 - Istruzioni per l'applicazione delle "Nuove norme tecniche per le costruzioni" di cui al D.M. del 14/1/2008.

- Documento Tecnico CNR-DT 200 R1/2012 - Istruzioni per la Progettazione, l'Esecuzione ed il Controllo di Interventi di Consolidamento Statico mediante l'utilizzo di Compositi Fibrorinforzati.

- Eurocodice 3 - Progettazione delle strutture in acciaio.

Unità di misura

Le unità di misura adottate sono le seguenti:
- lunghezze : m
- forze : daN
- masse : kg
- temperature : gradi centigradi
- angoli : gradi sessadecimali o radianti

Geometria

Elenco vincoli nodi

Simbologia

Vn = Numero del vincolo nodo
Comm. = Commento
Sx = Spostamento in dir. X (L=libero, B=bloccato, E=elastico)
Sy = Spostamento in dir. Y (L=libero, B=bloccato, E=elastico)
Sz = Spostamento in dir. Z (L=libero, B=bloccato, E=elastico)
Rx = Rotazione intorno all'asse X (L=libera, B=bloccata, E=elastica)
Ry = Rotazione intorno all'asse Y (L=libera, B=bloccata, E=elastica)
Rz = Rotazione intorno all'asse Z (L=libera, B=bloccata, E=elastica)
RL = Rotazione libera
Ly = Lunghezza (dir. Y locale)
Lz = Larghezza (dir. Z locale)
Kt = Coeff. di sottofondo su suolo elastico alla Winkler

Vn	Comm.	Sx	Sy	Sz	Rx	Ry	Rz	RL	Ly <m>	Lz <m>	Kt <daN/cmc>
1	Libero	L	L	L	L	L	L				
2	Incastro	B	B	B	B	B	B				
3	El. sew 110001	B	B	L	L	L	B				

Elenco materiali

Simbologia

Mat. = Numero del materiale
Comm. = Commento
P = Peso specifico
E = Modulo elastico
G = Modulo elastico tangenziale
ν = Coeff. di Poisson
α = Coeff. di dilatazione termica

Mat.	Comm.	P <daN/mc>	E <daN/cmq>	G <daN/cmq>	ν	α
1	Calcestruzzo	2500	300000.00	130000.00	0.1	1.000000E-005

Elenco sezioni aste

Simbologia

Sez. = Numero della sezione
Comm. = Commento
Tipo = Tipologia

2C = Doppia C lato labbri
2Cdx = Doppia C lato costola
2I = Doppia I
2L = Doppia L lato labbri
2Ldx = Doppia L lato costole
C = C
Cdx = C destra
Cir. = Circolare
Cir.c = Circolare cava
I = I
L = L
Ldx = L destra
Om. = Omega
Pg = Pi greco
Pr = Poligono regolare
Prc = Poligono regolare cavo
Pc = Per coordinate
Ia = Inerzie assegnate
R = Rettangolare
Rc = Rettangolare cava
T = T
U = U
Ur = U rovescia
V = V
Vr = V rovescia
Z = Z
Zdx = Z destra
Ts = T stondata
Ls = L stondata
Cs = C stondata
Is = I stondata
Dis. = Disegnata

Me = Membratura
G = Generica
T = Trave
P = Pilastro

Ver. = Verifica prevista
N = Nessuna
C = Cemento armato
A = Acciaio
L = Legno

B = Base
H = Altezza
Ma = Numero del materiale
C = Numero del criterio di progetto
Ccol = Numero del criterio di progetto collegamento

Sez.	Comm.	Tipo	Me	Ver.	B <cm>	H <cm>	Ma	C	Ccol	Sez.	Comm.	Tipo	Me	Ver.	B <cm>	H <cm>	Ma	C	Ccol
1		R	P	C	30.00	30.00	1	2		2		R	P	C	80.00	30.00	1	2	
3		R	P	C	60.00	30.00	1	2		6		R	T	C	45.00	60.00	1	1	
7		R	T	C	30.00	29.00	1	2		8		R	T	C	30.00	60.00	1	3	
9		R	T	C	25.00	29.00	1	2		10		R	T	C	30.00	22.00	1	2	
11		R	P	C	35.00	40.00	1	2		12		R	T	C	30.00	60.00	1	2	
13		R	T	C	30.00	32.00	1	2		14		R	T	C	60.00	32.00	1	2	
15		R	T	C	30.00	60.00	1	2		16		R	T	C	60.00	60.00	1	1	
17		R	T	C	30.00	60.00	1	1		18		R	P	C	100.00	40.00	1	2	
19		R	P	C	80.00	40.00	1	2											

Elenco vincoli aste

Simbologia

Va = Numero del vincolo asta
Comm. = Commento
Tipo = Tipologia
SVI = Definizione di vincolamenti interni
ELA = Vincolo su suolo elastico alla Winkler
BIE-RTC = Biella resistente a trazione e a compressione
BIE-RC = Biella resistente solo a compressione
BIE-RT = Biella resistente solo a trazione
Ni = Sforzo normale nodo iniziale (0=sbloccato, 1=bloccato)
Tyi = Taglio in dir. Y locale nodo iniziale (0=sbloccato, 1=bloccato)
Tzi = Taglio in dir. Z locale nodo iniziale (0=sbloccato, 1=bloccato)
Mxi = Momento intorno all'asse X locale nodo iniziale (0=sbloccato, 1=bloccato)
Myi = Momento intorno all'asse Y locale nodo iniziale (0=sbloccato, 1=bloccato)
Mzi = Momento intorno all'asse Z locale nodo iniziale (0=sbloccato, 1=bloccato)
Nf = Sforzo normale nodo finale (0=sbloccato, 1=bloccato)
Tyf = Taglio in dir. Y locale nodo finale (0=sbloccato, 1=bloccato)
Tzf = Taglio in dir. Z locale nodo finale (0=sbloccato, 1=bloccato)
Mxf = Momento intorno all'asse X locale nodo finale (0=sbloccato, 1=bloccato)

Myf = Momento intorno all'asse Y locale nodo finale (0=sbloccato, 1=bloccato)
Mzf = Momento intorno all'asse Z locale nodo finale (0=sbloccato, 1=bloccato)
Kt = Coeff. di sottofondo su suolo elastico alla Winkler

Va	Comm.	Tipo	Ni	Tyi	Tzi	Mxi	Myi	Mzi	Nf	Tyf	Tzf	Mxf	Myf	Mzf	Kt <daN/cmc>
1	Inc+Inc	SVI	1	1	1	1	1	1	1	1	1	1	1	1	

Elenco tipi elementi bidimensionali

Simbologia

Tb = Numero del tipo muro/elemento bidimensionale
Comm. = Commento
Tipo = Tipologia
F = Flessionale
M = Membranale
W-RC = Winkler resistente solo a compressione
W-RTC = Winkler resistente a trazione e a compressione
Uso = Utilizzo
G = Generico
P = Parete
S = Soletta/Platea
N = Nucleo
M = Muratura ordinaria
L = Pilastro
MA = Muratura armata
Mat. = Numero del materiale
Crit. = Numero del criterio di progetto
Spess. = Spessore
Kt = Coeff. di sottofondo su suolo elastico alla Winkler

Tb	Comm.	Tipo	Uso	Mat.	Crit.	Spess. <cm>	Kt <daN/cmc>	Tb	Comm.	Tipo	Uso	Mat.	Crit.	Spess. <cm>	Kt <daN/cmc>
1		F	P	1	1	25.00		2		F	P	1	1	20.00	
3		F	N	1	2	30.00		4		W-RTC	S	1	1	45.00	3.00

Elenco tipi solai

Simbologia

Ts = Numero del tipo solaio
Comm. = Commento
Qps = Carico permanente strutturale
Qpn = Carico permanente non strutturale
Qa = Primo carico accidentale
Qa2 = Secondo carico accidentale
Qa3 = Terzo carico accidentale
Rip. ter. = Ripartizione su aste terminali
Rip. int. = Ripartizione su aste interne
s = Coeff. di riduzione

Ts	Comm.	Qps <daN/mq>	Qpn <daN/mq>	Qa <daN/mq>	Qa2 <daN/mq>	Qa3 <daN/mq>	Rip. ter.	Rip. int.	s
1	spirol terra	420.00	310.00	300.00	0.00	0.00	50.00	50.00	0.30
2	predalles terra	320.00	260.00	300.00	0.00	0.00	50.00	50.00	0.30
3	spirol primo	420.00	310.00	500.00	0.00	0.00	50.00	50.00	0.30
4	predalles primo	320.00	260.00	300.00	0.00	0.00	50.00	50.00	0.30
5	predalles copertura 4+24+4	400.00	230.00	100.00	0.00	0.00	50.00	50.00	0.30
6	predalles copertura	320.00	228.00	100.00	0.00	0.00	50.00	50.00	0.30

Elenco tipi tamponature

Simbologia

Tt = Numero del tipo tamponatura
Comm. = Commento
Qpn = Carico permanente non strutturale
Uso = Utilizzo
C = Area di carico
V = Area di carico e verifica
Crit. = Criterio di progetto

Tt	Comm.	Qpn <daN/mq>	Uso	Crit.
1		550.00	V	1

Carichi

Condizioni di carico elementari

Simbologia

CCE = Numero della condizione di carico elementare
Comm. = Commento
Mx = Moltiplicatore della massa in dir. X
My = Moltiplicatore della massa in dir. Y
Mz = Moltiplicatore della massa in dir. Z
Jpx = Moltiplicatore del momento d'inerzia intorno all'asse X
Jpy = Moltiplicatore del momento d'inerzia intorno all'asse Y
Jpz = Moltiplicatore del momento d'inerzia intorno all'asse Z
Tipo CCE = Tipo di CCE per calcolo agli stati limite
Sicurezza = Contributo alla sicurezza
  F = a favore
  S = a sfavore
  A = ambigua
Variabilità = Tipo di variabilità
  B = di base
  I = indipendente
  A = ambigua

CCE	Comm.	Mx	My	Mz	Jpx	Jpy	Jpz	Tipo CCE	Sicurezza	Variabilità
1	peso+qps	1.00	1.00	0.00	0.00	0.00	1.00	1 D.M. 08 Permanenti strutturali	S	--
2	Qpn	1.00	1.00	0.00	0.00	0.00	1.00	2 D.M. 08 Permanenti non strutturali	S	--
3	QA CAT C	1.00	1.00	0.00	0.00	0.00	1.00	5 D.M. 08 Variabili Categoria C Ambienti suscettibili di affollamento	S	B
4	Neve	1.00	1.00	0.00	0.00	0.00	1.00	11 D.M. 08 Variabili Neve (a quota <= 1000 m s.l.m.)	S	B

Elenco carichi aste
Condizione di carico n. 1: peso+qps
Carichi distribuiti

Simbologia

Asta = Numero dell'asta
N1 = Nodo iniziale
N2 = Nodo finale
E = Elemento provenienza del carico
  S = Solaio
  T = Tamponatura
NE = Numero elemento di provenienza del carico
T = Tipo di carico
  QA = Primo carico accidentale
  QA2 = Secondo carico accidentale
  QA3 = Terzo carico accidentale
  QPS = Carico permanente strutturale
  QPN = Carico permanente non strutturale
  PP = Peso proprio
  M = Manuale
DC = Direzione del carico
  XG,YG,ZG = secondo gli assi globali
  XL,YL,ZL = secondo gli assi locali
Xi = Distanza iniziale
Qi = Carico iniziale
Xf = Distanza finale
Qf = Carico finale

Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <daN/m>	Xf <m>	Qf <daN/m>
0	23	-3720	S	500	QPS	ZG	0.00	259.20	0.41	259.20
0	-3720	-3724	S	500	QPS	ZG	0.00	259.20	0.41	259.20
0	-3728	-3732	S	500	QPS	ZG	0.00	259.20	0.41	259.20
0	-3707	-3708	S	503	QPS	ZG	0.00	299.20	0.48	299.20
0	-3732	-3735	S	500	QPS	ZG	0.00	259.20	0.41	259.20
0	-3709	-3710	S	503	QPS	ZG	0.00	299.20	0.48	299.20
0	-3735	-3738	S	500	QPS	ZG	0.00	259.20	0.48	259.20
0	-3712	-3713	S	503	QPS	ZG	0.00	299.20	0.48	299.20
0	-3746	-3762	S	500	QPS	ZG	0.00	259.20	0.47	259.20
0	-3762	-3766	S	500	QPS	ZG	0.00	259.20	0.47	259.20
0	-3766	-3770	S	500	QPS	ZG	0.00	259.20	0.47	259.20
0	-3774	-3778	S	500	QPS	ZG	0.00	259.20	0.47	259.20
0	-3715	-3716	S	503	QPS	ZG	0.00	299.20	0.48	299.20
0	-3778	-3782	S	500	QPS	ZG	0.00	259.20	0.47	259.20
0	-3786	-3802	S	500	QPS	ZG	0.00	259.20	0.42	259.20
0	-3721	-3725	S	501	QPS	ZG	0.00	299.20	0.41	299.20
0	-3802	-3806	S	500	QPS	ZG	0.00	259.20	0.42	259.20
0	-3733	-3736	S	501	QPS	ZG	0.00	299.20	0.41	299.20
0	-3810	-3813	S	500	QPS	ZG	0.00	259.20	0.42	259.20
0	-3813	-3816	S	500	QPS	ZG	0.00	259.20	0.44	259.20
0	-3743	-3759	S	501	QPS	ZG	0.00	299.20	0.48	299.20
0	-3820	-3824	S	500	QPS	ZG	0.00	259.20	0.44	259.20
0	-3759	-3763	S	501	QPS	ZG	0.00	299.20	0.47	299.20

Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <daN/m>	Xf <m>	Qf <daN/m>
0	23	-3705	S	503	QPS	ZG	0.00	299.20	0.48	299.20
0	-3706	-3707	S	503	QPS	ZG	0.00	299.20	0.48	299.20
0	-3705	-3706	S	503	QPS	ZG	0.00	299.20	0.48	299.20
0	-3724	-3728	S	500	QPS	ZG	0.00	259.20	0.41	259.20
0	-3708	-3709	S	503	QPS	ZG	0.00	299.20	0.48	299.20
0	-3738	-3742	S	500	QPS	ZG	0.00	259.20	0.48	259.20
0	-3710	-3711	S	503	QPS	ZG	0.00	299.20	0.48	299.20
0	-3742	-3746	S	500	QPS	ZG	0.00	259.20	0.48	259.20
0	-3711	-3712	S	503	QPS	ZG	0.00	299.20	0.48	299.20
0	-3770	-3774	S	500	QPS	ZG	0.00	259.20	0.47	259.20
0	-3713	-3714	S	503	QPS	ZG	0.00	299.20	0.48	299.20
0	-3714	-3715	S	503	QPS	ZG	0.00	299.20	0.48	299.20
0	-3716	24	S	503	QPS	ZG	0.00	299.20	0.48	299.20
0	-3782	-3786	S	500	QPS	ZG	0.00	259.20	0.47	259.20
0	24	-3721	S	501	QPS	ZG	0.00	299.20	0.41	299.20
0	-3725	-3729	S	501	QPS	ZG	0.00	299.20	0.41	299.20
0	-3729	-3733	S	501	QPS	ZG	0.00	299.20	0.41	299.20
0	-3806	-3810	S	500	QPS	ZG	0.00	259.20	0.42	259.20
0	-3736	-3739	S	501	QPS	ZG	0.00	299.20	0.48	299.20
0	-3739	-3743	S	501	QPS	ZG	0.00	299.20	0.48	299.20
0	-3816	-3820	S	500	QPS	ZG	0.00	259.20	0.44	259.20
0	-3824	-3840	S	500	QPS	ZG	0.00	259.20	0.38	259.20
0	-3840	-3844	S	500	QPS	ZG	0.00	259.20	0.38	259.20

0	-3763	-3767	S	501	QPS	ZG	0.00	299.20	0.47	299.20	0	-3844	-3862	S	500	QPS	ZG	0.00	259.20	0.38	259.20
0	-3767	-3771	S	501	QPS	ZG	0.00	299.20	0.47	299.20	0	-3862	-3867	S	500	QPS	ZG	0.00	259.20	0.50	259.20
0	-3867	-3872	S	500	QPS	ZG	0.00	259.20	0.50	259.20	0	-3771	-3775	S	501	QPS	ZG	0.00	299.20	0.47	299.20
0	-3775	-3779	S	501	QPS	ZG	0.00	299.20	0.47	299.20	0	-3783	-3799	S	501	QPS	ZG	0.00	299.20	0.47	299.20
0	-3779	-3783	S	501	QPS	ZG	0.00	299.20	0.47	299.20	0	-3877	39	S	500	QPS	ZG	0.00	259.20	0.50	259.20
0	39	-3880	S	502	QPS	ZG	0.00	259.20	0.48	259.20	0	-3799	-3803	S	501	QPS	ZG	0.00	299.20	0.42	299.20
0	-3807	-3811	S	501	QPS	ZG	0.00	299.20	0.42	299.20	0	-3803	-3807	S	501	QPS	ZG	0.00	299.20	0.42	299.20
0	-3811	-3814	S	501	QPS	ZG	0.00	299.20	0.42	299.20	0	-3814	-3817	S	501	QPS	ZG	0.00	299.20	0.44	299.20
0	-3872	-3877	S	500	QPS	ZG	0.00	259.20	0.50	259.20	0	-3880	-3881	S	502	QPS	ZG	0.00	259.20	0.48	259.20
0	-3881	-3882	S	502	QPS	ZG	0.00	259.20	0.48	259.20	0	-3882	-3883	S	502	QPS	ZG	0.00	259.20	0.48	259.20
0	-3883	-3884	S	502	QPS	ZG	0.00	259.20	0.48	259.20	0	-3817	-3821	S	501	QPS	ZG	0.00	299.20	0.44	299.20
0	-3821	-3837	S	501	QPS	ZG	0.00	299.20	0.44	299.20	0	-3884	-3885	S	502	QPS	ZG	0.00	259.20	0.48	259.20
0	-3837	-3841	S	501	QPS	ZG	0.00	299.20	0.38	299.20	0	-3886	-3887	S	502	QPS	ZG	0.00	259.20	0.48	259.20
0	-3841	-3845	S	501	QPS	ZG	0.00	299.20	0.38	299.20	0	-3845	-3863	S	501	QPS	ZG	0.00	299.20	0.38	299.20
0	-3887	-3888	S	502	QPS	ZG	0.00	259.20	0.48	259.20	0	-3885	-3886	S	502	QPS	ZG	0.00	259.20	0.48	259.20
0	-3863	-3868	S	501	QPS	ZG	0.00	299.20	0.50	299.20	0	-3888	-3889	S	502	QPS	ZG	0.00	259.20	0.48	259.20
0	-3868	-3873	S	501	QPS	ZG	0.00	299.20	0.50	299.20	0	-3889	-3890	S	502	QPS	ZG	0.00	259.20	0.48	259.20
0	-3890	-3891	S	502	QPS	ZG	0.00	259.20	0.48	259.20	0	-3878	40	S	501	QPS	ZG	0.00	299.20	0.50	299.20
0	-3873	-3878	S	501	QPS	ZG	0.00	299.20	0.50	299.20	0	-3891	40	S	502	QPS	ZG	0.00	259.20	0.48	259.20
1	1	-1714	S	--	PP	ZG	0.00	600.00	0.44	600.00	1	-1714	-2040	S	--	PP	ZG	0.00	600.00	0.44	600.00
1	-2040	-2366	S	--	PP	ZG	0.00	600.00	0.44	600.00	1	-2366	-2692	S	--	PP	ZG	0.00	600.00	0.44	600.00
1	-2692	-3018	S	--	PP	ZG	0.00	600.00	0.44	600.00	1	-3018	-3344	S	--	PP	ZG	0.00	600.00	0.44	600.00
1	-3344	13	S	--	PP	ZG	0.00	600.00	0.44	600.00	1	13	101	S	--	PP	ZG	0.00	600.00	4.50	600.00
1	101	201	S	--	PP	ZG	0.00	600.00	3.48	600.00	2	2	-1747	S	--	PP	ZG	0.00	225.00	0.44	225.00
2	-1747	-2073	S	--	PP	ZG	0.00	225.00	0.44	225.00	2	-2073	-2399	S	--	PP	ZG	0.00	225.00	0.44	225.00
2	-2399	-2725	S	--	PP	ZG	0.00	225.00	0.44	225.00	2	-2725	-3051	S	--	PP	ZG	0.00	225.00	0.44	225.00
2	-3051	-3377	S	--	PP	ZG	0.00	225.00	0.44	225.00	2	-3377	20	S	--	PP	ZG	0.00	225.00	0.44	225.00
2	20	102	S	--	PP	ZG	0.00	225.00	4.50	225.00	2	102	202	S	--	PP	ZG	0.00	225.00	3.48	225.00
3	3	21	S	--	PP	ZG	0.00	225.00	3.09	225.00	3	21	-4114	S	--	PP	ZG	0.00	225.00	4.50	225.00
3	-4114	203	S	--	PP	ZG	0.00	225.00	3.48	225.00	4	4	-1791	S	--	PP	ZG	0.00	600.00	0.44	600.00
4	-1791	-2117	S	--	PP	ZG	0.00	600.00	0.44	600.00	4	-2117	-2443	S	--	PP	ZG	0.00	600.00	0.44	600.00
4	-2443	-2769	S	--	PP	ZG	0.00	600.00	0.44	600.00	4	-2769	-3095	S	--	PP	ZG	0.00	600.00	0.44	600.00
4	-3095	-3421	S	--	PP	ZG	0.00	600.00	0.44	600.00	4	-3421	26	S	--	PP	ZG	0.00	600.00	0.44	600.00
4	26	104	S	--	PP	ZG	0.00	600.00	4.50	600.00	4	104	204	S	--	PP	ZG	0.00	600.00	3.48	600.00
5	5	27	S	--	PP	ZG	0.00	800.00	3.09	800.00	5	27	105	S	--	PP	ZG	0.00	450.00	4.50	450.00
5	105	205	S	--	PP	ZG	0.00	450.00	3.48	450.00	6	6	-1794	S	--	PP	ZG	0.00	450.00	0.44	450.00
6	-1794	-2120	S	--	PP	ZG	0.00	450.00	0.44	450.00	6	-2120	-2446	S	--	PP	ZG	0.00	450.00	0.44	450.00
6	-2446	-2772	S	--	PP	ZG	0.00	450.00	0.44	450.00	6	-2772	-3098	S	--	PP	ZG	0.00	450.00	0.44	450.00
6	-3098	-3424	S	--	PP	ZG	0.00	450.00	0.44	450.00	6	-3424	28	S	--	PP	ZG	0.00	450.00	0.44	450.00
6	28	106	S	--	PP	ZG	0.00	450.00	4.50	450.00	6	106	206	S	--	PP	ZG	0.00	450.00	3.48	450.00
7	7	29	S	--	PP	ZG	0.00	350.00	3.09	350.00	7	29	107	S	--	PP	ZG	0.00	350.00	4.50	350.00
7	107	207	S	--	PP	ZG	0.00	350.00	3.48	350.00	8	8	-1871	S	--	PP	ZG	0.00	600.00	0.44	600.00
8	-1871	-2197	S	--	PP	ZG	0.00	600.00	0.44	600.00	8	-2197	-2523	S	--	PP	ZG	0.00	600.00	0.44	600.00
8	-2523	-2849	S	--	PP	ZG	0.00	600.00	0.44	600.00	8	-2849	-3175	S	--	PP	ZG	0.00	600.00	0.44	600.00
8	-3175	-3501	S	--	PP	ZG	0.00	600.00	0.44	600.00	8	-3501	30	S	--	PP	ZG	0.00	600.00	0.44	600.00
8	30	108	S	--	PP	ZG	0.00	600.00	4.50	600.00	8	108	208	S	--	PP	ZG	0.00	600.00	3.48	600.00
9	9	31	S	--	PP	ZG	0.00	1000.00	3.09	1000.00	9	31	109	S	--	PP	ZG	0.00	600.00	4.50	600.00
9	109	209	S	--	PP	ZG	0.00	600.00	3.48	600.00	10	10	-1874	S	--	PP	ZG	0.00	450.00	0.44	450.00
10	-1874	-2200	S	--	PP	ZG	0.00	450.00	0.44	450.00	10	-2200	-2526	S	--	PP	ZG	0.00	450.00	0.44	450.00
10	-2526	-2852	S	--	PP	ZG	0.00	450.00	0.44	450.00	10	-2852	-3178	S	--	PP	ZG	0.00	450.00	0.44	450.00
10	-3178	-3504	S	--	PP	ZG	0.00	450.00	0.44	450.00	10	-3504	32	S	--	PP	ZG	0.00	450.00	0.44	450.00
10	32	110	S	--	PP	ZG	0.00	450.00	4.50	450.00	10	110	210	S	--	PP	ZG	0.00	450.00	3.48	450.00
11	11	33	S	--	PP	ZG	0.00	450.00	3.09	450.00	11	33	111	S	--	PP	ZG	0.00	450.00	4.50	450.00
11	111	211	S	--	PP	ZG	0.00	450.00	3.48	450.00	12	12	-1983	S	--	PP	ZG	0.00	225.00	0.44	225.00
12	-1983	-2309	S	--	PP	ZG	0.00	225.00	0.44	225.00	12	-2309	-2635	S	--	PP	ZG	0.00	225.00	0.44	225.00
12	-2635	-2961	S	--	PP	ZG	0.00	225.00	0.44	225.00	12	-2961	-3287	S	--	PP	ZG	0.00	225.00	0.44	225.00
12	-3287	-3613	S	--	PP	ZG	0.00	225.00	0.44	225.00	12	-3613	41	S	--	PP	ZG	0.00	225.00	0.44	225.00
12	41	112	S	--	PP	ZG	0.00	225.00	4.50	225.00	12	112	212	S	--	PP	ZG	0.00	225.00	3.48	225.00
101	101	113	S	--	PP	ZG	0.00	450.00	9.75	450.00	101	113	-4111	S	--	PP	ZG	0.00	450.00	0.50	450.00
101	-4111	-4112	S	--	PP	ZG	0.00	450.00	0.50	450.00	101	-4112	-4113	S	--	PP	ZG	0.00	450.00	0.50	450.00
101	-4113	114	S	--	PP	ZG	0.00	450.00	0.50	450.00	101	114	102	S	--	PP	ZG	0.00	450.00	6.19	450.00
102	104	105	S	--	PP	ZG	0.00	217.50	9.75	217.50	102	105	106	S	--	PP	ZG	0.00	217.50	8.19	217.50
102	106	107	S	--	PP	ZG	0.00	450.00	4.62	450.00	103	108	109	S	--	PP	ZG	0.00	217.50	9.75	217.50
103	109	110	S	--	PP	ZG	0.00	217.50	8.19	217.50	103	110	111	S	--	PP	ZG	0.00	165.00	4.62	165.00
104	112	117	S	--	PP	ZG	0.00	450.00	9.75	450.00	104	117	-4121	S	--	PP	ZG	0.00	450.00	0.50	450.00
104	-4121	-4122	S	--	PP	ZG	0.00	450.00	0.50	450.00	104	-4122	-4123	S	--	PP	ZG	0.00	450.00	0.50	450.00
104	-4123	118	S	--	PP	ZG	0.00	450.00	0.50	450.00	104	118	119	S	--	PP	ZG	0.00	450.00	6.19	450.00
104	119	120	S	--	PP	ZG	0.00	450.00	4.62	450.00	105	101	104	S	104	QPS	ZG	0.00	2047.50	3.92	2047.50
105	101	104	S	--	PP	ZG	0.00	675.00	3.92	675.00	105	104	108	S	102	QPS	ZG	0.00	2047.50	6.39	2047.50
105	104	108	S	--	PP	ZG	0.00	675.00	6.39	675.00	105	108	112	S	100	QPS	ZG	0.00	2047.50	6.04	2047.50
105	108	112	S	--	PP	ZG	0.00	675.00	6.04	675.00	108	113	105	S	104	QPS	ZG	0.00	2047.50	3.92	2047.50
108	113	105	S	105	QPS	ZG	0.00	1719.90	3.92	1719.90	108	113	105	S	--	PP	ZG	0.00	900.00	3.92	900.00
108	105	109	S	102	QPS	ZG	0.00	2047.50	6.39	2047.50	108	105	109	S	103	QPS	ZG	0.00	1719.90	6.39	1719.90
108	105	109	S	--	PP	ZG	0.00	900.00	6.39	900.00	108	109	117	S	100	QPS	ZG	0.00	2047.50	6.04	2047.50
108	109	117	S	101	QPS	ZG	0.00	1719.90	6.04	1719.90	108	109	117	S	--	PP	ZG	0.00	900.00	6.04	900.00
109	102	106	S	105	QPS	ZG	0.00	1719.90	3.92	1719.90	109	102	106	S	--	PP	ZG	0.00	675.00	3.92	675.00
109	106	110	S	103	QPS	ZG	0.00	1719.90	6.39	1719.90	109	106	110	S	107	QPS	ZG	0.00	739.20	6.39	739.20
109	106	110	S	--	PP	ZG	0.00	675.00	6.39	675.00	109	110	115	S	101	QPS	ZG	0.00	1719.90	4.04	1719.90
109	110	115	S	106	QPS	ZG	0.00	739.20	4.04	739.20	109	110	115	S	--	PP	ZG	0.00	675.00	4.04	675.00
109	115	-4115	S	101	QPS	ZG	0.00	1719.90	0.50	1719.90	109	115	-4115	S	106	QPS	ZG	0.00	739.20	0.50	739.20
109	115	-4115	S	--	PP	ZG	0.00	675.00	0.50	675.00	109	-4115	-4117	S	101	QPS	ZG	0.00	1719.90	0.50	1719.90
109	-4115	-4117	S	106	QPS	ZG	0.00	739.20	0.50	739.20	109	-4115	-4117	S	--	PP	ZG	0.00	675.00	0.50	675.00

109	-4117	-4119	S	101	QPS	ZG	0.00	1719.90	0.50	1719.90	109	-4117	-4119	S	106	QPS	ZG	0.00	739.20	0.50	739.20
109	-4117	-4119	S	--	PP	ZG	0.00	675.00	0.50	675.00	109	-4119	119	S	101	QPS	ZG	0.00	1719.90	0.50	1719.90
109	-4119	119	S	106	QPS	ZG	0.00	739.20	0.50	739.20	109	-4119	119	S	--	PP	ZG	0.00	675.00	0.50	675.00
110	107	111	S	107	QPS	ZG	0.00	739.20	6.39	739.20	110	107	111	S	--	PP	ZG	0.00	450.00	6.39	450.00
110	111	116	S	106	QPS	ZG	0.00	739.20	4.04	739.20	110	111	116	S	--	PP	ZG	0.00	450.00	4.04	450.00
110	116	-4116	S	106	QPS	ZG	0.00	739.20	0.50	739.20	110	116	-4116	S	--	PP	ZG	0.00	450.00	0.50	450.00
110	-4116	-4118	S	106	QPS	ZG	0.00	739.20	0.50	739.20	110	-4116	-4118	S	--	PP	ZG	0.00	450.00	0.50	450.00
110	-4118	-4120	S	106	QPS	ZG	0.00	739.20	0.50	739.20	110	-4118	-4120	S	--	PP	ZG	0.00	450.00	0.50	450.00
110	-4120	120	S	106	QPS	ZG	0.00	739.20	0.50	739.20	110	-4120	120	S	--	PP	ZG	0.00	450.00	0.50	450.00
201	201	213	S	--	PP	ZG	0.00	450.00	9.75	450.00	201	213	-4244	S	--	PP	ZG	0.00	450.00	0.50	450.00
201	-4244	-4245	S	--	PP	ZG	0.00	450.00	0.50	450.00	201	-4245	-4246	S	--	PP	ZG	0.00	450.00	0.50	450.00
201	-4246	214	S	--	PP	ZG	0.00	450.00	0.50	450.00	201	214	202	S	--	PP	ZG	0.00	450.00	6.19	450.00
201	202	203	S	--	PP	ZG	0.00	450.00	4.62	450.00	202	204	205	S	--	PP	ZG	0.00	450.00	9.75	450.00
202	205	206	S	--	PP	ZG	0.00	240.00	8.19	240.00	202	206	207	S	--	PP	ZG	0.00	240.00	4.62	240.00
203	208	209	S	--	PP	ZG	0.00	450.00	9.75	450.00	203	209	210	S	--	PP	ZG	0.00	240.00	8.19	240.00
203	210	211	S	--	PP	ZG	0.00	240.00	4.62	240.00	204	212	217	S	--	PP	ZG	0.00	450.00	9.75	450.00
204	217	-4253	S	--	PP	ZG	0.00	450.00	0.50	450.00	204	-4253	-4254	S	--	PP	ZG	0.00	450.00	0.50	450.00
204	-4254	-4255	S	--	PP	ZG	0.00	450.00	0.50	450.00	204	-4255	218	S	--	PP	ZG	0.00	450.00	0.50	450.00
204	218	219	S	--	PP	ZG	0.00	450.00	6.19	450.00	204	219	220	S	--	PP	ZG	0.00	450.00	4.62	450.00
205	201	204	S	--	PP	ZG	0.00	450.00	3.92	450.00	205	204	208	S	--	PP	ZG	0.00	450.00	6.39	450.00
205	208	212	S	--	PP	ZG	0.00	450.00	6.04	450.00	208	213	205	S	202	QPS	ZG	0.00	1638.00	3.92	1638.00
208	213	205	S	--	PP	ZG	0.00	450.00	3.92	450.00	208	205	209	S	201	QPS	ZG	0.00	1638.00	6.39	1638.00
208	205	209	S	--	PP	ZG	0.00	450.00	6.39	450.00	208	209	217	S	200	QPS	ZG	0.00	1638.00	6.04	1638.00
208	209	217	S	--	PP	ZG	0.00	450.00	6.04	450.00	209	202	206	S	202	QPS	ZG	0.00	1638.00	3.92	1638.00
209	202	206	S	205	QPS	ZG	0.00	739.20	3.92	739.20	209	202	206	S	--	PP	ZG	0.00	480.00	3.92	480.00
209	206	210	S	201	QPS	ZG	0.00	1638.00	6.39	1638.00	209	206	210	S	204	QPS	ZG	0.00	739.20	6.39	739.20
209	206	210	S	--	PP	ZG	0.00	450.00	6.39	450.00	209	210	215	S	200	QPS	ZG	0.00	1638.00	4.04	1638.00
209	210	215	S	203	QPS	ZG	0.00	739.20	4.04	739.20	209	210	215	S	--	PP	ZG	0.00	450.00	4.04	450.00
209	215	-4247	S	200	QPS	ZG	0.00	1638.00	0.50	1638.00	209	215	-4247	S	203	QPS	ZG	0.00	739.20	0.50	739.20
209	215	-4247	S	--	PP	ZG	0.00	450.00	0.50	450.00	209	-4247	-4249	S	200	QPS	ZG	0.00	1638.00	0.50	1638.00
209	-4247	-4249	S	203	QPS	ZG	0.00	739.20	0.50	739.20	209	-4247	-4249	S	--	PP	ZG	0.00	450.00	0.50	450.00
209	-4249	-4251	S	200	QPS	ZG	0.00	1638.00	0.50	1638.00	209	-4249	-4251	S	203	QPS	ZG	0.00	739.20	0.50	739.20
209	-4249	-4251	S	--	PP	ZG	0.00	450.00	0.50	450.00	209	-4251	219	S	200	QPS	ZG	0.00	1638.00	0.50	1638.00
209	-4251	219	S	203	QPS	ZG	0.00	739.20	0.50	739.20	209	-4251	219	S	--	PP	ZG	0.00	450.00	0.50	450.00
210	203	207	S	205	QPS	ZG	0.00	739.20	3.92	739.20	210	203	207	S	--	PP	ZG	0.00	450.00	3.92	450.00
210	207	211	S	204	QPS	ZG	0.00	739.20	6.39	739.20	210	207	211	S	--	PP	ZG	0.00	450.00	6.39	450.00
210	211	216	S	203	QPS	ZG	0.00	739.20	4.04	739.20	210	211	216	S	--	PP	ZG	0.00	450.00	4.04	450.00
210	216	-4248	S	203	QPS	ZG	0.00	739.20	0.50	739.20	210	216	-4248	S	--	PP	ZG	0.00	450.00	0.50	450.00
210	-4248	-4250	S	203	QPS	ZG	0.00	739.20	0.50	739.20	210	-4248	-4250	S	--	PP	ZG	0.00	450.00	0.50	450.00
210	-4250	-4252	S	203	QPS	ZG	0.00	739.20	0.50	739.20	210	-4250	-4252	S	--	PP	ZG	0.00	450.00	0.50	450.00
210	-4252	220	S	203	QPS	ZG	0.00	739.20	0.50	739.20	210	-4252	220	S	--	PP	ZG	0.00	450.00	0.50	450.00
501	13	-3670	S	--	PP	ZG	0.00	181.25	0.41	181.25	501	-3670	-3671	S	--	PP	ZG	0.00	181.25	0.41	181.25
501	-3671	-3672	S	--	PP	ZG	0.00	181.25	0.41	181.25	501	-3672	14	S	--	PP	ZG	0.00	181.25	0.41	181.25
501	14	-3673	S	503	QPS	ZG	0.00	299.20	0.48	299.20	501	14	-3673	S	--	PP	ZG	0.00	181.25	0.48	181.25
501	-3673	-3674	S	503	QPS	ZG	0.00	299.20	0.48	299.20	501	-3673	-3674	S	--	PP	ZG	0.00	181.25	0.48	181.25
501	-3674	-3675	S	503	QPS	ZG	0.00	299.20	0.48	299.20	501	-3674	-3675	S	--	PP	ZG	0.00	181.25	0.48	181.25
501	-3675	-3676	S	503	QPS	ZG	0.00	299.20	0.48	299.20	501	-3675	-3676	S	--	PP	ZG	0.00	181.25	0.48	181.25
501	-3676	-3677	S	503	QPS	ZG	0.00	299.20	0.48	299.20	501	-3676	-3677	S	--	PP	ZG	0.00	181.25	0.48	181.25
501	-3677	-3678	S	503	QPS	ZG	0.00	299.20	0.48	299.20	501	-3677	-3678	S	--	PP	ZG	0.00	181.25	0.48	181.25
501	-3678	-3679	S	503	QPS	ZG	0.00	299.20	0.48	299.20	501	-3678	-3679	S	--	PP	ZG	0.00	181.25	0.48	181.25
501	-3679	-3680	S	503	QPS	ZG	0.00	299.20	0.48	299.20	501	-3679	-3680	S	--	PP	ZG	0.00	181.25	0.48	181.25
501	-3680	-3681	S	503	QPS	ZG	0.00	299.20	0.48	299.20	501	-3680	-3681	S	--	PP	ZG	0.00	181.25	0.48	181.25
501	-3681	-3682	S	503	QPS	ZG	0.00	299.20	0.48	299.20	501	-3681	-3682	S	--	PP	ZG	0.00	181.25	0.48	181.25
501	-3682	-3683	S	503	QPS	ZG	0.00	299.20	0.48	299.20	501	-3682	-3683	S	--	PP	ZG	0.00	181.25	0.48	181.25
501	-3683	-3684	S	503	QPS	ZG	0.00	299.20	0.48	299.20	501	-3683	-3684	S	--	PP	ZG	0.00	181.25	0.48	181.25
501	-3684	15	S	503	QPS	ZG	0.00	299.20	0.48	299.20	501	-3684	15	S	--	PP	ZG	0.00	181.25	0.48	181.25
501	15	-3685	S	--	PP	ZG	0.00	181.25	0.47	181.25	501	-3685	-3686	S	--	PP	ZG	0.00	181.25	0.47	181.25
501	-3686	-3687	S	--	PP	ZG	0.00	181.25	0.47	181.25	501	-3687	16	S	--	PP	ZG	0.00	181.25	0.47	181.25
501	16	-3688	S	--	PP	ZG	0.00	181.25	0.50	181.25	501	-3688	-3689	S	--	PP	ZG	0.00	181.25	0.50	181.25
501	-3689	-3690	S	--	PP	ZG	0.00	181.25	0.50	181.25	501	-3690	17	S	--	PP	ZG	0.00	181.25	0.50	181.25
502	27	28	S	--	PP	ZG	0.00	217.50	8.19	217.50	502	28	29	S	--	PP	ZG	0.00	165.00	4.62	165.00
503	31	32	S	--	PP	ZG	0.00	217.50	8.19	217.50	503	32	33	S	--	PP	ZG	0.00	165.00	4.62	165.00
504	41	-3916	S	--	PP	ZG	0.00	181.25	0.41	181.25	504	-3916	-3917	S	--	PP	ZG	0.00	181.25	0.41	181.25
504	-3917	-3918	S	--	PP	ZG	0.00	181.25	0.41	181.25	504	-3918	42	S	--	PP	ZG	0.00	181.25	0.41	181.25
504	42	-3919	S	502	QPS	ZG	0.00	259.20	0.48	259.20	504	42	-3919	S	--	PP	ZG	0.00	181.25	0.48	181.25
504	-3919	-3920	S	502	QPS	ZG	0.00	259.20	0.48	259.20	504	-3919	-3920	S	--	PP	ZG	0.00	181.25	0.48	181.25
504	-3920	-3921	S	502	QPS	ZG	0.00	259.20	0.48	259.20	504	-3920	-3921	S	--	PP	ZG	0.00	181.25	0.48	181.25
504	-3921	-3922	S	502	QPS	ZG	0.00	259.20	0.48	259.20	504	-3921	-3922	S	--	PP	ZG	0.00	181.25	0.48	181.25
504	-3922	-3923	S	502	QPS	ZG	0.00	259.20	0.48	259.20	504	-3922	-3923	S	--	PP	ZG	0.00	181.25	0.48	181.25
504	-3923	-3924	S	502	QPS	ZG	0.00	259.20	0.48	259.20	504	-3923	-3924	S	--	PP	ZG	0.00	181.25	0.48	181.25
504	-3924	-3925	S	502	QPS	ZG	0.00	259.20	0.48	259.20	504	-3924	-3925	S	--	PP	ZG	0.00	181.25	0.48	181.25
504	-3925	-3926	S	502	QPS	ZG	0.00	259.20	0.48	259.20	504	-3925	-3926	S	--	PP	ZG	0.00	181.25	0.48	181.25
504	-3926	-3927	S	502	QPS	ZG	0.00	259.20	0.48	259.20	504	-3926	-3927	S	--	PP	ZG	0.00	181.25	0.48	181.25
504	-3927	-3928	S	502	QPS	ZG	0.00	259.20	0.48	259.20	504	-3927	-3928	S	--	PP	ZG	0.00	181.25	0.48	181.25
504	-3928	-3929	S	502	QPS	ZG	0.00	259.20	0.48	259.20	504	-3928	-3929	S	--	PP	ZG	0.00	181.25	0.48	181.25
504	-3929	-3930	S	502	QPS	ZG	0.00	259.20	0.48	259.20	504	-3929	-3930	S	--	PP	ZG	0.00	181.25	0.48	181.25
504	-3930	43	S	502	QPS	ZG	0.00	259.20	0.48	259.20	504	-3930	43	S	--	PP	ZG	0.00	181.25	0.48	181.25
504	43	-3931	S	--	PP	ZG	0.00	181.25	0.47	181.25	504	-3931	-3932	S	--	PP	ZG	0.00	181.25	0.47	181.25
504	-3932	-3933	S	--	PP	ZG	0.00	181.25	0.47	181.25	504	-3933	44	S	--	PP	ZG	0.00	181.25	0.47	181.25
504	44	-3934	S	--	PP	ZG	0.00	181.25	0.50	181.25	504	-3934	-3935	S	--	PP	ZG	0.00	181.25	0.50	181.25
504	-3935	-3936	S	--	PP	ZG	0.00	181.25	0.50	181.25	504	-3936	45	S	--	PP	ZG	0.00	181.25	0.50	181.25
504	45	46	S	--	PP	ZG	0.00	181.25	0.32	181.25	504	46	47	S	--	PP	ZG	0.00	181.25	3.00	181.25

504	47	-3937	S	--	PP	ZG	0.00	181.25	0.48	181.25	504	-3937	-3938	S	--	PP	ZG	0.00	181.25	0.48	181.25
504	-3938	-3939	S	--	PP	ZG	0.00	181.25	0.48	181.25	504	-3939	-3940	S	--	PP	ZG	0.00	181.25	0.48	181.25
504	-3940	-3941	S	--	PP	ZG	0.00	181.25	0.48	181.25	504	-3941	48	S	--	PP	ZG	0.00	181.25	0.48	181.25
504	48	49	S	--	PP	ZG	0.00	165.00	4.62	165.00	505	13	-3696	S	500	QPS	ZG	0.00	259.20	0.40	259.20
505	13	-3696	S	--	PP	ZG	0.00	181.25	0.40	181.25	505	-3696	22	S	500	QPS	ZG	0.00	259.20	0.40	259.20
505	-3696	22	S	--	PP	ZG	0.00	181.25	0.40	181.25	505	22	25	S	500	QPS	ZG	0.00	259.20	1.40	259.20
505	22	25	S	--	PP	ZG	0.00	181.25	1.40	181.25	505	25	-3723	S	500	QPS	ZG	0.00	259.20	0.43	259.20
505	25	-3723	S	--	PP	ZG	0.00	181.25	0.43	181.25	505	-3723	-3727	S	500	QPS	ZG	0.00	259.20	0.43	259.20
505	-3723	-3727	S	--	PP	ZG	0.00	181.25	0.43	181.25	505	-3727	-3731	S	500	QPS	ZG	0.00	259.20	0.43	259.20
505	-3727	-3731	S	--	PP	ZG	0.00	181.25	0.43	181.25	505	-3731	26	S	500	QPS	ZG	0.00	259.20	0.43	259.20
505	-3731	26	S	--	PP	ZG	0.00	181.25	0.43	181.25	505	26	-3737	S	500	QPS	ZG	0.00	259.20	0.48	259.20
505	26	-3737	S	--	PP	ZG	0.00	181.25	0.48	181.25	505	-3737	-3741	S	500	QPS	ZG	0.00	259.20	0.48	259.20
505	-3737	-3741	S	--	PP	ZG	0.00	181.25	0.48	181.25	505	-3741	-3745	S	500	QPS	ZG	0.00	259.20	0.48	259.20
505	-3741	-3745	S	--	PP	ZG	0.00	181.25	0.48	181.25	505	-3745	-3761	S	500	QPS	ZG	0.00	259.20	0.47	259.20
505	-3745	-3761	S	--	PP	ZG	0.00	181.25	0.47	181.25	505	-3761	-3765	S	500	QPS	ZG	0.00	259.20	0.47	259.20
505	-3761	-3765	S	--	PP	ZG	0.00	181.25	0.47	181.25	505	-3765	-3769	S	500	QPS	ZG	0.00	259.20	0.47	259.20
505	-3765	-3769	S	--	PP	ZG	0.00	181.25	0.47	181.25	505	-3769	-3773	S	500	QPS	ZG	0.00	259.20	0.47	259.20
505	-3769	-3773	S	--	PP	ZG	0.00	181.25	0.47	181.25	505	-3773	-3777	S	500	QPS	ZG	0.00	259.20	0.47	259.20
505	-3773	-3777	S	--	PP	ZG	0.00	181.25	0.47	181.25	505	-3777	-3781	S	500	QPS	ZG	0.00	259.20	0.47	259.20
505	-3777	-3781	S	--	PP	ZG	0.00	181.25	0.47	181.25	505	-3781	-3785	S	500	QPS	ZG	0.00	259.20	0.47	259.20
505	-3781	-3785	S	--	PP	ZG	0.00	181.25	0.47	181.25	505	-3785	-3801	S	500	QPS	ZG	0.00	259.20	0.42	259.20
505	-3785	-3801	S	--	PP	ZG	0.00	181.25	0.42	181.25	505	-3801	-3805	S	500	QPS	ZG	0.00	259.20	0.42	259.20
505	-3801	-3805	S	--	PP	ZG	0.00	181.25	0.42	181.25	505	-3805	-3809	S	500	QPS	ZG	0.00	259.20	0.42	259.20
505	-3805	-3809	S	--	PP	ZG	0.00	181.25	0.42	181.25	505	-3809	30	S	500	QPS	ZG	0.00	259.20	0.42	259.20
505	-3809	30	S	--	PP	ZG	0.00	181.25	0.42	181.25	505	30	-3815	S	500	QPS	ZG	0.00	259.20	0.44	259.20
505	30	-3815	S	--	PP	ZG	0.00	181.25	0.44	181.25	505	-3815	-3819	S	500	QPS	ZG	0.00	259.20	0.44	259.20
505	-3815	-3819	S	--	PP	ZG	0.00	181.25	0.44	181.25	505	-3819	-3823	S	500	QPS	ZG	0.00	259.20	0.44	259.20
505	-3819	-3823	S	--	PP	ZG	0.00	181.25	0.44	181.25	505	-3823	-3839	S	500	QPS	ZG	0.00	259.20	0.38	259.20
505	-3823	-3839	S	--	PP	ZG	0.00	181.25	0.38	181.25	505	-3839	-3843	S	500	QPS	ZG	0.00	259.20	0.38	259.20
505	-3839	-3843	S	--	PP	ZG	0.00	181.25	0.38	181.25	505	-3843	34	S	500	QPS	ZG	0.00	259.20	0.38	259.20
505	-3843	34	S	--	PP	ZG	0.00	181.25	0.38	181.25	505	34	-3866	S	500	QPS	ZG	0.00	259.20	0.49	259.20
505	34	-3866	S	--	PP	ZG	0.00	181.25	0.49	181.25	505	-3866	-3871	S	500	QPS	ZG	0.00	259.20	0.49	259.20
505	-3866	-3871	S	--	PP	ZG	0.00	181.25	0.49	181.25	505	-3871	-3876	S	500	QPS	ZG	0.00	259.20	0.49	259.20
505	-3871	-3876	S	--	PP	ZG	0.00	181.25	0.49	181.25	505	-3876	38	S	500	QPS	ZG	0.00	259.20	0.49	259.20
505	-3876	38	S	--	PP	ZG	0.00	181.25	0.49	181.25	505	38	41	S	500	QPS	ZG	0.00	259.20	1.65	259.20
505	38	41	S	--	PP	ZG	0.00	181.25	1.65	181.25	506	14	23	S	500	QPS	ZG	0.00	259.20	1.87	259.20
506	14	23	S	--	PP	ZG	0.00	165.00	1.87	165.00	507	15	24	S	501	QPS	ZG	0.00	299.20	1.87	299.20
507	15	24	S	--	PP	ZG	0.00	165.00	1.87	165.00	508	16	27	S	501	QPS	ZG	0.00	299.20	3.92	299.20
508	16	27	S	506	QPS	ZG	0.00	1719.90	3.92	1719.90	508	16	27	S	--	PP	ZG	0.00	675.00	3.92	675.00
508	27	31	S	501	QPS	ZG	0.00	299.20	6.39	299.20	508	27	31	S	505	QPS	ZG	0.00	1719.90	6.39	1719.90
508	27	31	S	--	PP	ZG	0.00	675.00	6.39	675.00	508	31	44	S	501	QPS	ZG	0.00	299.20	6.04	299.20
508	31	44	S	504	QPS	ZG	0.00	1719.90	6.04	1719.90	508	31	44	S	--	PP	ZG	0.00	675.00	6.04	675.00
509	20	-3697	S	506	QPS	ZG	0.00	1719.90	0.40	1719.90	509	20	-3697	S	509	QPS	ZG	0.00	739.20	0.40	739.20
509	20	-3697	S	--	PP	ZG	0.00	181.25	0.40	181.25	509	-3697	-3700	S	506	QPS	ZG	0.00	1719.90	0.40	1719.90
509	-3697	-3700	S	509	QPS	ZG	0.00	739.20	0.40	739.20	509	-3697	-3700	S	--	PP	ZG	0.00	181.25	0.40	181.25
509	-3700	-3701	S	506	QPS	ZG	0.00	1719.90	0.36	1719.90	509	-3700	-3701	S	509	QPS	ZG	0.00	739.20	0.36	739.20
509	-3700	-3701	S	--	PP	ZG	0.00	181.25	0.36	181.25	509	-3701	-3703	S	506	QPS	ZG	0.00	1719.90	0.36	1719.90
509	-3701	-3703	S	509	QPS	ZG	0.00	739.20	0.36	739.20	509	-3701	-3703	S	--	PP	ZG	0.00	181.25	0.36	181.25
509	-3703	-3717	S	506	QPS	ZG	0.00	1719.90	0.36	1719.90	509	-3703	-3717	S	509	QPS	ZG	0.00	739.20	0.36	739.20
509	-3703	-3717	S	--	PP	ZG	0.00	181.25	0.36	181.25	509	-3717	-3722	S	506	QPS	ZG	0.00	1719.90	0.41	1719.90
509	-3717	-3722	S	509	QPS	ZG	0.00	739.20	0.41	739.20	509	-3717	-3722	S	--	PP	ZG	0.00	181.25	0.41	181.25
509	-3722	-3726	S	506	QPS	ZG	0.00	1719.90	0.41	1719.90	509	-3722	-3726	S	509	QPS	ZG	0.00	739.20	0.41	739.20
509	-3722	-3726	S	--	PP	ZG	0.00	181.25	0.41	181.25	509	-3726	-3730	S	506	QPS	ZG	0.00	1719.90	0.41	1719.90
509	-3726	-3730	S	509	QPS	ZG	0.00	739.20	0.41	739.20	509	-3726	-3730	S	--	PP	ZG	0.00	181.25	0.41	181.25
509	-3730	-3734	S	506	QPS	ZG	0.00	1719.90	0.41	1719.90	509	-3730	-3734	S	509	QPS	ZG	0.00	739.20	0.41	739.20
509	-3730	-3734	S	--	PP	ZG	0.00	181.25	0.41	181.25	509	-3734	28	S	506	QPS	ZG	0.00	1719.90	0.41	1719.90
509	-3734	28	S	509	QPS	ZG	0.00	739.20	0.41	739.20	509	-3734	28	S	--	PP	ZG	0.00	181.25	0.41	181.25
509	28	-3740	S	505	QPS	ZG	0.00	1719.90	0.48	1719.90	509	28	-3740	S	508	QPS	ZG	0.00	739.20	0.48	739.20
509	28	-3740	S	--	PP	ZG	0.00	181.25	0.48	181.25	509	-3740	-3744	S	505	QPS	ZG	0.00	1719.90	0.48	1719.90
509	-3740	-3744	S	508	QPS	ZG	0.00	739.20	0.48	739.20	509	-3740	-3744	S	--	PP	ZG	0.00	181.25	0.48	181.25
509	-3744	-3760	S	505	QPS	ZG	0.00	1719.90	0.48	1719.90	509	-3744	-3760	S	508	QPS	ZG	0.00	739.20	0.48	739.20
509	-3744	-3760	S	--	PP	ZG	0.00	181.25	0.48	181.25	509	-3760	-3764	S	505	QPS	ZG	0.00	1719.90	0.47	1719.90
509	-3760	-3764	S	508	QPS	ZG	0.00	739.20	0.47	739.20	509	-3760	-3764	S	--	PP	ZG	0.00	181.25	0.47	181.25
509	-3764	-3768	S	505	QPS	ZG	0.00	1719.90	0.47	1719.90	509	-3764	-3768	S	508	QPS	ZG	0.00	739.20	0.47	739.20
509	-3764	-3768	S	--	PP	ZG	0.00	181.25	0.47	181.25	509	-3768	-3772	S	505	QPS	ZG	0.00	1719.90	0.47	1719.90
509	-3768	-3772	S	508	QPS	ZG	0.00	739.20	0.47	739.20	509	-3768	-3772	S	--	PP	ZG	0.00	181.25	0.47	181.25
509	-3772	-3776	S	505	QPS	ZG	0.00	1719.90	0.47	1719.90	509	-3772	-3776	S	508	QPS	ZG	0.00	739.20	0.47	739.20
509	-3772	-3776	S	--	PP	ZG	0.00	181.25	0.47	181.25	509	-3776	-3780	S	505	QPS	ZG	0.00	1719.90	0.47	1719.90
509	-3776	-3780	S	508	QPS	ZG	0.00	739.20	0.47	739.20	509	-3776	-3780	S	--	PP	ZG	0.00	181.25	0.47	181.25
509	-3780	-3784	S	505	QPS	ZG	0.00	1719.90	0.47	1719.90	509	-3780	-3784	S	508	QPS	ZG	0.00	739.20	0.47	739.20
509	-3780	-3784	S	--	PP	ZG	0.00	181.25	0.47	181.25	509	-3784	-3800	S	505	QPS	ZG	0.00	1719.90	0.47	1719.90
509	-3784	-3800	S	508	QPS	ZG	0.00	739.20	0.47	739.20	509	-3784	-3800	S	--	PP	ZG	0.00	181.25	0.47	181.25
509	-3800	-3804	S	505	QPS	ZG	0.00	1719.90	0.42	1719.90	509	-3800	-3804	S	508	QPS	ZG	0.00	739.20	0.42	739.20
509	-3800	-3804	S	--	PP	ZG	0.00	181.25	0.42	181.25	509	-3804	-3808	S	505	QPS	ZG	0.00	1719.90	0.42	1719.90
509	-3804	-3808	S	508	QPS	ZG	0.00	739.20	0.42	739.20	509	-3804	-3808	S	--	PP	ZG	0.00	181.25	0.42	181.25
509	-3808	-3812	S	505	QPS	ZG	0.00	1719.90	0.42	1719.90	509	-3808	-3812	S	508	QPS	ZG	0.00	739.20	0.42	739.20
509	-3808	-3812	S	--	PP	ZG	0.00	181.25	0.42	181.25	509	-3812	32	S	505	QPS	ZG	0.00	1719.90	0.42	1719.90
509	-3812	32	S	508	QPS	ZG	0.00	739.20	0.42	739.20	509	-3812	32	S	--	PP	ZG	0.00	181.25	0.42	181.25
509	32	-3818	S	504	QPS	ZG	0.00	1719.90	0.44	1719.90	509	32	-3818	S	507	QPS	ZG	0.00	739.20	0.44	739.20
509	32	-3818	S	--	PP	ZG	0.00	181.25	0.44	181.25	509	-3818	-3822	S	504	QPS	ZG	0.00	1719.90	0.44	1719.90
509	-3818	-3822	S	507	QPS	ZG	0.00	739.20	0.44	739.20	509	-3818	-3822	S	--	PP	ZG	0.00	181.25	0.44	181.25
509	-3822	-3838	S	504	QPS	ZG	0.00	1719.90	0.44	1719.90	509	-3822	-3838	S	507	QPS	ZG	0.00	739.20	0.44	739.20

509	-3822	-3838	S	--	PP	ZG	0.00	181.25	0.44	181.25	509	-3838	-3842	S	504	QPS	ZG	0.00	1719.90	0.38	1719.90
509	-3838	-3842	S	507	QPS	ZG	0.00	739.20	0.38	739.20	509	-3838	-3842	S	--	PP	ZG	0.00	181.25	0.38	181.25
509	-3842	-3846	S	504	QPS	ZG	0.00	1719.90	0.38	1719.90	509	-3842	-3846	S	507	QPS	ZG	0.00	739.20	0.38	739.20
509	-3842	-3846	S	--	PP	ZG	0.00	181.25	0.38	181.25	509	-3846	35	S	504	QPS	ZG	0.00	1719.90	0.38	1719.90
509	-3846	35	S	507	QPS	ZG	0.00	739.20	0.38	739.20	509	-3846	35	S	--	PP	ZG	0.00	181.25	0.38	181.25
509	35	-3864	S	504	QPS	ZG	0.00	1719.90	0.40	1719.90	509	35	-3864	S	507	QPS	ZG	0.00	739.20	0.40	739.20
509	35	-3864	S	--	PP	ZG	0.00	181.25	0.40	181.25	509	-3864	-3869	S	504	QPS	ZG	0.00	1719.90	0.40	1719.90
509	-3864	-3869	S	507	QPS	ZG	0.00	739.20	0.40	739.20	509	-3864	-3869	S	--	PP	ZG	0.00	181.25	0.40	181.25
509	-3869	-3874	S	504	QPS	ZG	0.00	1719.90	0.40	1719.90	509	-3869	-3874	S	507	QPS	ZG	0.00	739.20	0.40	739.20
509	-3869	-3874	S	--	PP	ZG	0.00	181.25	0.40	181.25	509	-3874	36	S	504	QPS	ZG	0.00	1719.90	0.40	1719.90
509	-3874	36	S	507	QPS	ZG	0.00	739.20	0.40	739.20	509	-3874	36	S	--	PP	ZG	0.00	181.25	0.40	181.25
509	36	-3892	S	504	QPS	ZG	0.00	1719.90	0.50	1719.90	509	36	-3892	S	507	QPS	ZG	0.00	739.20	0.50	739.20
509	36	-3892	S	--	PP	ZG	0.00	181.25	0.50	181.25	509	-3892	-3895	S	504	QPS	ZG	0.00	1719.90	0.50	1719.90
509	-3892	-3895	S	507	QPS	ZG	0.00	739.20	0.50	739.20	509	-3892	-3895	S	--	PP	ZG	0.00	181.25	0.50	181.25
509	-3895	-3898	S	504	QPS	ZG	0.00	1719.90	0.50	1719.90	509	-3895	-3898	S	507	QPS	ZG	0.00	739.20	0.50	739.20
509	-3895	-3898	S	--	PP	ZG	0.00	181.25	0.50	181.25	509	-3898	48	S	504	QPS	ZG	0.00	1719.90	0.50	1719.90
509	-3898	48	S	507	QPS	ZG	0.00	739.20	0.50	739.20	509	-3898	48	S	--	PP	ZG	0.00	181.25	0.50	181.25
510	21	29	S	509	QPS	ZG	0.00	739.20	3.92	739.20	510	21	29	S	--	PP	ZG	0.00	675.00	3.92	675.00
510	29	33	S	508	QPS	ZG	0.00	739.20	6.39	739.20	510	29	33	S	--	PP	ZG	0.00	675.00	6.39	675.00
510	33	37	S	507	QPS	ZG	0.00	739.20	4.04	739.20	510	33	37	S	--	PP	ZG	0.00	675.00	4.04	675.00
510	37	-3893	S	507	QPS	ZG	0.00	739.20	0.50	739.20	510	37	-3893	S	--	PP	ZG	0.00	675.00	0.50	675.00
510	-3893	-3896	S	507	QPS	ZG	0.00	739.20	0.50	739.20	510	-3893	-3896	S	--	PP	ZG	0.00	675.00	0.50	675.00
510	-3896	-3899	S	507	QPS	ZG	0.00	739.20	0.50	739.20	510	-3896	-3899	S	--	PP	ZG	0.00	675.00	0.50	675.00
510	-3899	49	S	507	QPS	ZG	0.00	739.20	0.50	739.20	510	-3899	49	S	--	PP	ZG	0.00	675.00	0.50	675.00
511	18	19	S	--	PP	ZG	0.00	181.25	3.00	181.25	511	19	-3691	S	--	PP	ZG	0.00	181.25	0.48	181.25
511	-3691	-3692	S	--	PP	ZG	0.00	181.25	0.48	181.25	511	-3692	-3693	S	--	PP	ZG	0.00	181.25	0.48	181.25
511	-3693	-3694	S	--	PP	ZG	0.00	181.25	0.48	181.25	511	-3694	-3695	S	--	PP	ZG	0.00	181.25	0.48	181.25
511	-3695	20	S	--	PP	ZG	0.00	181.25	0.48	181.25	511	20	21	S	--	PP	ZG	0.00	165.00	4.62	165.00
516	39	42	S	500	QPS	ZG	0.00	259.20	1.62	259.20	516	39	42	S	--	PP	ZG	0.00	165.00	1.62	165.00
517	-1397	-1452	S	--	PP	ZG	0.00	450.00	0.50	450.00	527	40	43	S	501	QPS	ZG	0.00	299.20	1.62	299.20
527	40	43	S	--	PP	ZG	0.00	165.00	1.62	165.00											

Elenco carichi aste
Condizione di carico n. 2: Qpn
Carichi distribuiti

Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <daN/m>	Xf <m>	Qf <daN/m>	Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <daN/m>	Xf <m>	Qf <daN/m>
0	23	-3720	S	500	QPN	ZG	0.00	210.60	0.41	210.60	0	23	-3705	S	503	QPN	ZG	0.00	243.10	0.48	243.10
0	-3720	-3724	S	500	QPN	ZG	0.00	210.60	0.41	210.60	0	-3706	-3707	S	503	QPN	ZG	0.00	243.10	0.48	243.10
0	-3728	-3732	S	500	QPN	ZG	0.00	210.60	0.41	210.60	0	-3705	-3706	S	503	QPN	ZG	0.00	243.10	0.48	243.10
0	-3707	-3708	S	503	QPN	ZG	0.00	243.10	0.48	243.10	0	-3724	-3728	S	500	QPN	ZG	0.00	210.60	0.41	210.60
0	-3732	-3735	S	500	QPN	ZG	0.00	210.60	0.41	210.60	0	-3708	-3709	S	503	QPN	ZG	0.00	243.10	0.48	243.10
0	-3709	-3710	S	503	QPN	ZG	0.00	243.10	0.48	243.10	0	-3738	-3742	S	500	QPN	ZG	0.00	210.60	0.48	210.60
0	-3735	-3738	S	500	QPN	ZG	0.00	210.60	0.48	210.60	0	-3710	-3711	S	503	QPN	ZG	0.00	243.10	0.48	243.10
0	-3712	-3713	S	503	QPN	ZG	0.00	243.10	0.48	243.10	0	-3742	-3746	S	500	QPN	ZG	0.00	210.60	0.48	210.60
0	-3746	-3762	S	500	QPN	ZG	0.00	210.60	0.47	210.60	0	-3711	-3712	S	503	QPN	ZG	0.00	243.10	0.48	243.10
0	-3762	-3766	S	500	QPN	ZG	0.00	210.60	0.47	210.60	0	-3770	-3774	S	500	QPN	ZG	0.00	210.60	0.47	210.60
0	-3766	-3770	S	500	QPN	ZG	0.00	210.60	0.47	210.60	0	-3713	-3714	S	503	QPN	ZG	0.00	243.10	0.48	243.10
0	-3774	-3778	S	500	QPN	ZG	0.00	210.60	0.47	210.60	0	-3714	-3715	S	503	QPN	ZG	0.00	243.10	0.48	243.10
0	-3715	-3716	S	503	QPN	ZG	0.00	243.10	0.48	243.10	0	-3716	24	S	503	QPN	ZG	0.00	243.10	0.48	243.10
0	-3778	-3782	S	500	QPN	ZG	0.00	210.60	0.47	210.60	0	-3782	-3786	S	500	QPN	ZG	0.00	210.60	0.47	210.60
0	-3786	-3802	S	500	QPN	ZG	0.00	210.60	0.42	210.60	0	24	-3721	S	501	QPN	ZG	0.00	243.10	0.41	243.10
0	-3721	-3725	S	501	QPN	ZG	0.00	243.10	0.41	243.10	0	-3725	-3729	S	501	QPN	ZG	0.00	243.10	0.41	243.10
0	-3802	-3806	S	500	QPN	ZG	0.00	210.60	0.42	210.60	0	-3729	-3733	S	501	QPN	ZG	0.00	243.10	0.41	243.10
0	-3733	-3736	S	501	QPN	ZG	0.00	243.10	0.41	243.10	0	-3806	-3810	S	500	QPN	ZG	0.00	210.60	0.42	210.60
0	-3810	-3813	S	500	QPN	ZG	0.00	210.60	0.42	210.60	0	17	18	T	101	QPN	ZG	0.00	2475.00	0.32	2475.00
0	-3736	-3739	S	501	QPN	ZG	0.00	243.10	0.48	243.10	0	-3813	-3816	S	500	QPN	ZG	0.00	210.60	0.44	210.60
0	-3739	-3743	S	501	QPN	ZG	0.00	243.10	0.48	243.10	0	-3743	-3759	S	501	QPN	ZG	0.00	243.10	0.48	243.10
0	-3816	-3820	S	500	QPN	ZG	0.00	210.60	0.44	210.60	0	-3820	-3824	S	500	QPN	ZG	0.00	210.60	0.44	210.60
0	-3824	-3840	S	500	QPN	ZG	0.00	210.60	0.38	210.60	0	-3759	-3763	S	501	QPN	ZG	0.00	243.10	0.47	243.10
0	-3840	-3844	S	500	QPN	ZG	0.00	210.60	0.38	210.60	0	-3763	-3767	S	501	QPN	ZG	0.00	243.10	0.47	243.10
0	-3844	-3862	S	500	QPN	ZG	0.00	210.60	0.38	210.60	0	-3767	-3771	S	501	QPN	ZG	0.00	243.10	0.47	243.10
0	-3862	-3867	S	500	QPN	ZG	0.00	210.60	0.50	210.60	0	-3867	-3872	S	500	QPN	ZG	0.00	210.60	0.50	210.60
0	-3771	-3775	S	501	QPN	ZG	0.00	243.10	0.47	243.10	0	-3775	-3779	S	501	QPN	ZG	0.00	243.10	0.47	243.10
0	-3783	-3799	S	501	QPN	ZG	0.00	243.10	0.47	243.10	0	-3779	-3783	S	501	QPN	ZG	0.00	243.10	0.47	243.10
0	-3877	39	S	500	QPN	ZG	0.00	210.60	0.50	210.60	0	39	-3880	S	502	QPN	ZG	0.00	210.60	0.48	210.60
0	-3799	-3803	S	501	QPN	ZG	0.00	243.10	0.42	243.10	0	-3807	-3811	S	501	QPN	ZG	0.00	243.10	0.42	243.10
0	-3803	-3807	S	501	QPN	ZG	0.00	243.10	0.42	243.10	0	-3811	-3814	S	501	QPN	ZG	0.00	243.10	0.42	243.10
0	-3814	-3817	S	501	QPN	ZG	0.00	243.10	0.44	243.10	0	-3872	-3877	S	500	QPN	ZG	0.00	210.60	0.50	210.60
0	-3880	-3881	S	502	QPN	ZG	0.00	210.60	0.48	210.60	0	-3881	-3882	S	502	QPN	ZG	0.00	210.60	0.48	210.60
0	-3882	-3883	S	502	QPN	ZG	0.00	210.60	0.48	210.60	0	-3883	-3884	S	502	QPN	ZG	0.00	210.60	0.48	210.60
0	-3817	-3821	S	501	QPN	ZG	0.00	243.10	0.44	243.10	0	-3821	-3837	S	501	QPN	ZG	0.00	243.10	0.44	243.10
0	-3884	-3885	S	502	QPN	ZG	0.00	210.60	0.48	210.60	0	-3837	-3841	S	501	QPN	ZG	0.00	243.10	0.38	243.10
0	-3886	-3887	S	502	QPN	ZG	0.00	210.60	0.48	210.60	0	-3841	-3845	S	501	QPN	ZG	0.00	243.10	0.38	243.10
0	-3845	-3863	S	501	QPN	ZG	0.00	243.10	0.38	243.10	0	-3887	-3888	S	502	QPN	ZG	0.00	210.60	0.48	210.60
0	-3885	-3886	S	502	QPN	ZG	0.00	210.60	0.48	210.60	0	-3863	-3868	S	501	QPN	ZG	0.00	243.10	0.50	243.10
0	-3888	-3889	S	502	QPN	ZG	0.00	210.60	0.48	210.60	0	-3868	-3873	S	501	QPN	ZG	0.00	243.10	0.50	243.10
0	-3889	-3890	S	502	QPN	ZG	0.00	210.60	0.48	210.60	0	-3890	-3891	S	502	QPN	ZG	0.00	210.60	0.48	210.60
0	-3878	40	S	501	QPN	ZG	0.00	243.10	0.50	243.10	0	-3873	-3878	S	501	QPN	ZG	0.00	243.10	0.50	243.10
0	-3891	40	S	502	QPN	ZG	0.00	210.60	0.48	210.60	101	114	102	T	201	QPN	ZG	0.00	1914.00	6.19	1914.00

102	106	107	T	102	QPN	ZG	0.00	1914.00	4.62	1914.00	104	118	119	T	203	QPN	ZG	0.00	1914.00	6.19	1914.00
104	119	120	T	203	QPN	ZG	0.00	1914.00	4.62	1914.00	105	101	104	S	104	QPN	ZG	0.00	1511.25	3.92	1511.25
105	101	104	T	204	QPN	ZG	0.00	1914.00	3.92	1914.00	105	104	108	S	102	QPN	ZG	0.00	1511.25	6.39	1511.25
105	104	108	T	205	QPN	ZG	0.00	1914.00	6.39	1914.00	105	108	112	S	100	QPN	ZG	0.00	1511.25	6.04	1511.25
105	108	112	T	206	QPN	ZG	0.00	1914.00	6.04	1914.00	108	113	105	S	104	QPN	ZG	0.00	1511.25	3.92	1511.25
108	113	105	T	207	QPN	ZG	0.00	1914.00	3.92	1914.00	108	113	105	S	105	QPN	ZG	0.00	1269.45	3.92	1269.45
108	105	109	S	102	QPN	ZG	0.00	1511.25	6.39	1511.25	108	105	109	S	103	QPN	ZG	0.00	1269.45	6.39	1269.45
108	109	117	S	100	QPN	ZG	0.00	1511.25	6.04	1511.25	108	109	117	T	209	QPN	ZG	0.00	1914.00	6.04	1914.00
108	109	117	S	101	QPN	ZG	0.00	1269.45	6.04	1269.45	109	102	106	S	105	QPN	ZG	0.00	1269.45	3.92	1269.45
109	106	110	S	103	QPN	ZG	0.00	1269.45	6.39	1269.45	109	106	110	S	107	QPN	ZG	0.00	600.60	6.39	600.60
109	110	115	S	101	QPN	ZG	0.00	1269.45	4.04	1269.45	109	110	115	S	106	QPN	ZG	0.00	600.60	4.04	600.60
109	115	-4115	S	101	QPN	ZG	0.00	1269.45	0.50	1269.45	109	115	-4115	S	106	QPN	ZG	0.00	600.60	0.50	600.60
109	-4115	-4117	S	101	QPN	ZG	0.00	1269.45	0.50	1269.45	109	-4115	-4117	S	106	QPN	ZG	0.00	600.60	0.50	600.60
109	-4117	-4119	S	101	QPN	ZG	0.00	1269.45	0.50	1269.45	109	-4117	-4119	S	106	QPN	ZG	0.00	600.60	0.50	600.60
109	-4119	119	S	101	QPN	ZG	0.00	1269.45	0.50	1269.45	109	-4119	119	S	106	QPN	ZG	0.00	600.60	0.50	600.60
110	107	111	S	107	QPN	ZG	0.00	600.60	6.39	600.60	110	107	111	T	211	QPN	ZG	0.00	1914.00	6.39	1914.00
110	111	116	S	106	QPN	ZG	0.00	600.60	4.04	600.60	110	111	116	T	212	QPN	ZG	0.00	1914.00	4.04	1914.00
110	116	-4116	S	106	QPN	ZG	0.00	600.60	0.50	600.60	110	-4116	-4118	S	106	QPN	ZG	0.00	600.60	0.50	600.60
110	-4118	-4120	S	106	QPN	ZG	0.00	600.60	0.50	600.60	110	-4120	120	S	106	QPN	ZG	0.00	600.60	0.50	600.60
208	213	205	S	202	QPN	ZG	0.00	941.85	3.92	941.85	208	205	209	S	201	QPN	ZG	0.00	941.85	6.39	941.85
208	209	217	S	200	QPN	ZG	0.00	941.85	6.04	941.85	209	202	206	S	202	QPN	ZG	0.00	941.85	3.92	941.85
209	202	206	S	205	QPN	ZG	0.00	526.68	3.92	526.68	209	206	210	S	201	QPN	ZG	0.00	941.85	6.39	941.85
209	206	210	S	204	QPN	ZG	0.00	526.68	6.39	526.68	209	210	215	S	200	QPN	ZG	0.00	941.85	4.04	941.85
209	210	215	S	203	QPN	ZG	0.00	526.68	4.04	526.68	209	215	-4247	S	200	QPN	ZG	0.00	941.85	0.50	941.85
209	215	-4247	S	203	QPN	ZG	0.00	526.68	0.50	526.68	209	-4247	-4249	S	200	QPN	ZG	0.00	941.85	0.50	941.85
209	-4247	-4249	S	203	QPN	ZG	0.00	526.68	0.50	526.68	209	-4249	-4251	S	200	QPN	ZG	0.00	941.85	0.50	941.85
209	-4249	-4251	S	203	QPN	ZG	0.00	526.68	0.50	526.68	209	-4251	219	S	200	QPN	ZG	0.00	941.85	0.50	941.85
209	-4251	219	S	203	QPN	ZG	0.00	526.68	0.50	526.68	210	203	207	S	205	QPN	ZG	0.00	526.68	3.92	526.68
210	207	211	S	204	QPN	ZG	0.00	526.68	6.39	526.68	210	211	216	S	203	QPN	ZG	0.00	526.68	4.04	526.68
210	216	-4248	S	203	QPN	ZG	0.00	526.68	0.50	526.68	210	-4248	-4250	S	203	QPN	ZG	0.00	526.68	0.50	526.68
210	-4250	-4252	S	203	QPN	ZG	0.00	526.68	0.50	526.68	210	-4252	220	S	203	QPN	ZG	0.00	526.68	0.50	526.68
501	14	-3673	S	503	QPN	ZG	0.00	243.10	0.48	243.10	501	-3673	-3674	S	503	QPN	ZG	0.00	243.10	0.48	243.10
501	-3674	-3675	S	503	QPN	ZG	0.00	243.10	0.48	243.10	501	-3675	-3676	S	503	QPN	ZG	0.00	243.10	0.48	243.10
501	-3676	-3677	S	503	QPN	ZG	0.00	243.10	0.48	243.10	501	-3677	-3678	S	503	QPN	ZG	0.00	243.10	0.48	243.10
501	-3678	-3679	S	503	QPN	ZG	0.00	243.10	0.48	243.10	501	-3679	-3680	S	503	QPN	ZG	0.00	243.10	0.48	243.10
501	-3680	-3681	S	503	QPN	ZG	0.00	243.10	0.48	243.10	501	-3681	-3682	S	503	QPN	ZG	0.00	243.10	0.48	243.10
501	-3682	-3683	S	503	QPN	ZG	0.00	243.10	0.48	243.10	501	-3683	-3684	S	503	QPN	ZG	0.00	243.10	0.48	243.10
501	-3684	15	S	503	QPN	ZG	0.00	243.10	0.48	243.10	504	42	-3919	S	502	QPN	ZG	0.00	210.60	0.48	210.60
504	-3919	-3920	S	502	QPN	ZG	0.00	210.60	0.48	210.60	504	-3920	-3921	S	502	QPN	ZG	0.00	210.60	0.48	210.60
504	-3921	-3922	S	502	QPN	ZG	0.00	210.60	0.48	210.60	504	-3922	-3923	S	502	QPN	ZG	0.00	210.60	0.48	210.60
504	-3923	-3924	S	502	QPN	ZG	0.00	210.60	0.48	210.60	504	-3924	-3925	S	502	QPN	ZG	0.00	210.60	0.48	210.60
504	-3925	-3926	S	502	QPN	ZG	0.00	210.60	0.48	210.60	504	-3926	-3927	S	502	QPN	ZG	0.00	210.60	0.48	210.60
504	-3927	-3928	S	502	QPN	ZG	0.00	210.60	0.48	210.60	504	-3928	-3929	S	502	QPN	ZG	0.00	210.60	0.48	210.60
504	-3929	-3930	S	502	QPN	ZG	0.00	210.60	0.48	210.60	504	-3930	43	S	502	QPN	ZG	0.00	210.60	0.48	210.60
504	45	46	T	103	QPN	ZG	0.00	2475.00	0.32	2475.00	504	46	47	T	103	QPN	ZG	0.00	2475.00	3.00	2475.00
504	47	-3937	T	103	QPN	ZG	0.00	2475.00	0.48	2475.00	504	-3937	-3938	T	103	QPN	ZG	0.00	2475.00	0.48	2475.00
504	-3938	-3939	T	103	QPN	ZG	0.00	2475.00	0.48	2475.00	504	-3939	-3940	T	103	QPN	ZG	0.00	2475.00	0.48	2475.00
504	-3940	-3941	T	103	QPN	ZG	0.00	2475.00	0.48	2475.00	504	-3941	48	T	103	QPN	ZG	0.00	2475.00	0.48	2475.00
504	48	49	T	103	QPN	ZG	0.00	2475.00	4.62	2475.00	505	13	-3696	S	500	QPN	ZG	0.00	210.60	0.40	210.60
505	13	-3696	T	104	QPN	ZG	0.00	2475.00	0.40	2475.00	505	-3696	22	S	500	QPN	ZG	0.00	210.60	0.40	210.60
505	-3696	22	T	104	QPN	ZG	0.00	2475.00	0.40	2475.00	505	22	25	S	500	QPN	ZG	0.00	210.60	1.40	210.60
505	22	25	T	104	QPN	ZG	0.00	2475.00	1.40	2475.00	505	25	-3723	S	500	QPN	ZG	0.00	210.60	0.43	210.60
505	25	-3723	T	104	QPN	ZG	0.00	2475.00	0.43	2475.00	505	-3723	-3727	S	500	QPN	ZG	0.00	210.60	0.43	210.60
505	-3723	-3727	T	104	QPN	ZG	0.00	2475.00	0.43	2475.00	505	-3727	-3731	S	500	QPN	ZG	0.00	210.60	0.43	210.60
505	-3727	-3731	T	104	QPN	ZG	0.00	2475.00	0.43	2475.00	505	-3731	26	S	500	QPN	ZG	0.00	210.60	0.43	210.60
505	-3731	26	T	104	QPN	ZG	0.00	2475.00	0.43	2475.00	505	26	-3737	S	500	QPN	ZG	0.00	210.60	0.48	210.60
505	26	-3737	T	105	QPN	ZG	0.00	2475.00	0.48	2475.00	505	-3737	-3741	S	500	QPN	ZG	0.00	210.60	0.48	210.60
505	-3737	-3741	T	105	QPN	ZG	0.00	2475.00	0.48	2475.00	505	-3741	-3745	S	500	QPN	ZG	0.00	210.60	0.48	210.60
505	-3741	-3745	T	105	QPN	ZG	0.00	2475.00	0.48	2475.00	505	-3745	-3761	S	500	QPN	ZG	0.00	210.60	0.47	210.60
505	-3745	-3761	T	105	QPN	ZG	0.00	2475.00	0.47	2475.00	505	-3761	-3765	S	500	QPN	ZG	0.00	210.60	0.47	210.60
505	-3761	-3765	T	105	QPN	ZG	0.00	2475.00	0.47	2475.00	505	-3765	-3769	S	500	QPN	ZG	0.00	210.60	0.47	210.60
505	-3765	-3769	T	105	QPN	ZG	0.00	2475.00	0.47	2475.00	505	-3769	-3773	S	500	QPN	ZG	0.00	210.60	0.47	210.60
505	-3769	-3773	T	105	QPN	ZG	0.00	2475.00	0.47	2475.00	505	-3773	-3777	S	500	QPN	ZG	0.00	210.60	0.47	210.60
505	-3773	-3777	T	105	QPN	ZG	0.00	2475.00	0.47	2475.00	505	-3777	-3781	S	500	QPN	ZG	0.00	210.60	0.47	210.60
505	-3777	-3781	T	105	QPN	ZG	0.00	2475.00	0.47	2475.00	505	-3781	-3785	S	500	QPN	ZG	0.00	210.60	0.47	210.60
505	-3781	-3785	T	105	QPN	ZG	0.00	2475.00	0.47	2475.00	505	-3785	-3801	S	500	QPN	ZG	0.00	210.60	0.42	210.60
505	-3785	-3801	T	105	QPN	ZG	0.00	2475.00	0.42	2475.00	505	-3801	-3805	S	500	QPN	ZG	0.00	210.60	0.42	210.60
505	-3801	-3805	T	105	QPN	ZG	0.00	2475.00	0.42	2475.00	505	-3805	-3809	S	500	QPN	ZG	0.00	210.60	0.42	210.60
505	-3805	-3809	T	105	QPN	ZG	0.00	2475.00	0.42	2475.00	505	-3809	30	S	500	QPN	ZG	0.00	210.60	0.42	210.60
505	-3809	30	T	105	QPN	ZG	0.00	2475.00	0.42	2475.00	505	30	-3815	S	500	QPN	ZG	0.00	210.60	0.44	210.60
505	30	-3815	T	106	QPN	ZG	0.00	2475.00	0.44	2475.00	505	-3815	-3819	S	500	QPN	ZG	0.00	210.60	0.44	210.60
505	-3815	-3819	T	106	QPN	ZG	0.00	2475.00	0.44	2475.00	505	-3819	-3823	S	500	QPN	ZG	0.00	210.60	0.44	210.60
505	-3819	-3823	T	106	QPN	ZG	0.00	2475.00	0.44	2475.00	505	-3823	-3839	S	500	QPN	ZG	0.00	210.60	0.38	210.60
505	-3823	-3839	T	106	QPN	ZG	0.00	2475.00	0.38	2475.00	505	-3839	-3843	S	500	QPN	ZG	0.00	210.60	0.38	210.60
505	-3839	-3843	T	106	QPN	ZG	0.00	2475.00	0.38	2475.00	505	-3843	34	S	500	QPN	ZG	0.00	210.60	0.38	210.60
505	-3843	34	T	106	QPN	ZG	0.00	2475.00	0.38	2475.00	505	34	-3866	S	500	QPN	ZG	0.00	210.60	0.49	210.60
505	34	-3866	T	106	QPN	ZG	0.00	2475.00	0.49	2475.00	505	-3866	-3871	S	500	QPN	ZG	0.00	210.60	0.49	210.60
505	-3866	-3871	T	106	QPN	ZG	0.00	2475.00	0.49	2475.00	505	-3871	-3876	S	500	QPN	ZG	0.00	210.60	0.49	210.60
505	-3871	-3876	T	106	QPN	ZG	0.00	2475.00	0.49	2475.00	505	-3876	38	S	500	QPN	ZG	0.00	210.60	0.49	210.60
505	-3876	38	T	106	QPN	ZG	0.00	2475.00	0.49	2475.00	505	38	41	S	500	QPN	ZG	0.00	210.60	1.65	210.60
505	38	41	T	106	QPN	ZG	0.00	2475.00	1.65	2475.00	506	14	23	S	500	QPN	ZG	0.00	210.60	1.87	210.60
507	15	24	S	501	QPN	ZG	0.00	243.10	1.87	243.10	508	16	27	S	501	QPN	ZG	0.00	243.10	3.92	243.10

508	16	27	T	107	QPN	ZG	0.00	2475.00	3.92	2475.00	508	16	27	S	506	QPN	ZG	0.00	1269.45	3.92	1269.45
508	27	31	S	501	QPN	ZG	0.00	243.10	6.39	243.10	508	27	31	T	108	QPN	ZG	0.00	2475.00	6.39	2475.00
508	27	31	S	505	QPN	ZG	0.00	1269.45	6.39	1269.45	508	31	44	S	501	QPN	ZG	0.00	243.10	6.04	243.10
508	31	44	T	109	QPN	ZG	0.00	2475.00	6.04	2475.00	508	31	44	S	504	QPN	ZG	0.00	1269.45	6.04	1269.45
509	20	-3697	S	506	QPN	ZG	0.00	1269.45	0.40	1269.45	509	20	-3697	T	110	QPN	ZG	0.00	2475.00	0.40	2475.00
509	20	-3697	S	509	QPN	ZG	0.00	600.60	0.40	600.60	509	-3697	-3700	S	506	QPN	ZG	0.00	1269.45	0.40	1269.45
509	-3697	-3700	T	110	QPN	ZG	0.00	2475.00	0.40	2475.00	509	-3697	-3700	S	509	QPN	ZG	0.00	600.60	0.40	600.60
509	-3700	-3701	S	506	QPN	ZG	0.00	1269.45	0.36	1269.45	509	-3700	-3701	T	110	QPN	ZG	0.00	2475.00	0.36	2475.00
509	-3700	-3701	S	509	QPN	ZG	0.00	600.60	0.36	600.60	509	-3701	-3703	S	506	QPN	ZG	0.00	1269.45	0.36	1269.45
509	-3701	-3703	T	110	QPN	ZG	0.00	2475.00	0.36	2475.00	509	-3701	-3703	S	509	QPN	ZG	0.00	600.60	0.36	600.60
509	-3703	-3717	S	506	QPN	ZG	0.00	1269.45	0.36	1269.45	509	-3703	-3717	T	110	QPN	ZG	0.00	2475.00	0.36	2475.00
509	-3703	-3717	S	509	QPN	ZG	0.00	600.60	0.36	600.60	509	-3717	-3722	S	506	QPN	ZG	0.00	1269.45	0.41	1269.45
509	-3717	-3722	T	110	QPN	ZG	0.00	2475.00	0.41	2475.00	509	-3717	-3722	S	509	QPN	ZG	0.00	600.60	0.41	600.60
509	-3722	-3726	S	506	QPN	ZG	0.00	1269.45	0.41	1269.45	509	-3722	-3726	T	110	QPN	ZG	0.00	2475.00	0.41	2475.00
509	-3722	-3726	S	509	QPN	ZG	0.00	600.60	0.41	600.60	509	-3726	-3730	S	506	QPN	ZG	0.00	1269.45	0.41	1269.45
509	-3726	-3730	T	110	QPN	ZG	0.00	2475.00	0.41	2475.00	509	-3726	-3730	S	509	QPN	ZG	0.00	600.60	0.41	600.60
509	-3730	-3734	S	506	QPN	ZG	0.00	1269.45	0.41	1269.45	509	-3730	-3734	T	110	QPN	ZG	0.00	2475.00	0.41	2475.00
509	-3730	-3734	S	509	QPN	ZG	0.00	600.60	0.41	600.60	509	-3734	28	S	506	QPN	ZG	0.00	1269.45	0.41	1269.45
509	-3734	28	T	110	QPN	ZG	0.00	2475.00	0.41	2475.00	509	-3734	28	S	509	QPN	ZG	0.00	600.60	0.41	600.60
509	28	-3740	S	505	QPN	ZG	0.00	1269.45	0.48	1269.45	509	28	-3740	S	508	QPN	ZG	0.00	600.60	0.48	600.60
509	-3740	-3744	S	505	QPN	ZG	0.00	1269.45	0.48	1269.45	509	-3740	-3744	S	508	QPN	ZG	0.00	600.60	0.48	600.60
509	-3744	-3760	S	505	QPN	ZG	0.00	1269.45	0.48	1269.45	509	-3744	-3760	S	508	QPN	ZG	0.00	600.60	0.48	600.60
509	-3760	-3764	S	505	QPN	ZG	0.00	1269.45	0.47	1269.45	509	-3760	-3764	S	508	QPN	ZG	0.00	600.60	0.47	600.60
509	-3764	-3768	S	505	QPN	ZG	0.00	1269.45	0.47	1269.45	509	-3764	-3768	S	508	QPN	ZG	0.00	600.60	0.47	600.60
509	-3768	-3772	S	505	QPN	ZG	0.00	1269.45	0.47	1269.45	509	-3768	-3772	S	508	QPN	ZG	0.00	600.60	0.47	600.60
509	-3772	-3776	S	505	QPN	ZG	0.00	1269.45	0.47	1269.45	509	-3772	-3776	S	508	QPN	ZG	0.00	600.60	0.47	600.60
509	-3776	-3780	S	505	QPN	ZG	0.00	1269.45	0.47	1269.45	509	-3776	-3780	S	508	QPN	ZG	0.00	600.60	0.47	600.60
509	-3780	-3784	S	505	QPN	ZG	0.00	1269.45	0.47	1269.45	509	-3780	-3784	S	508	QPN	ZG	0.00	600.60	0.47	600.60
509	-3784	-3800	S	505	QPN	ZG	0.00	1269.45	0.47	1269.45	509	-3784	-3800	S	508	QPN	ZG	0.00	600.60	0.47	600.60
509	-3800	-3804	S	505	QPN	ZG	0.00	1269.45	0.42	1269.45	509	-3800	-3804	S	508	QPN	ZG	0.00	600.60	0.42	600.60
509	-3804	-3808	S	505	QPN	ZG	0.00	1269.45	0.42	1269.45	509	-3804	-3808	S	508	QPN	ZG	0.00	600.60	0.42	600.60
509	-3808	-3812	S	505	QPN	ZG	0.00	1269.45	0.42	1269.45	509	-3808	-3812	S	508	QPN	ZG	0.00	600.60	0.42	600.60
509	-3812	32	S	505	QPN	ZG	0.00	1269.45	0.42	1269.45	509	-3812	32	S	508	QPN	ZG	0.00	600.60	0.42	600.60
509	32	-3818	S	504	QPN	ZG	0.00	1269.45	0.44	1269.45	509	32	-3818	S	507	QPN	ZG	0.00	600.60	0.44	600.60
509	-3818	-3822	S	504	QPN	ZG	0.00	1269.45	0.44	1269.45	509	-3818	-3822	S	507	QPN	ZG	0.00	600.60	0.44	600.60
509	-3822	-3838	S	504	QPN	ZG	0.00	1269.45	0.44	1269.45	509	-3822	-3838	S	507	QPN	ZG	0.00	600.60	0.44	600.60
509	-3838	-3842	S	504	QPN	ZG	0.00	1269.45	0.38	1269.45	509	-3838	-3842	S	507	QPN	ZG	0.00	600.60	0.38	600.60
509	-3842	-3846	S	504	QPN	ZG	0.00	1269.45	0.38	1269.45	509	-3842	-3846	S	507	QPN	ZG	0.00	600.60	0.38	600.60
509	-3846	35	S	504	QPN	ZG	0.00	1269.45	0.38	1269.45	509	-3846	35	S	507	QPN	ZG	0.00	600.60	0.38	600.60
509	35	-3864	S	504	QPN	ZG	0.00	1269.45	0.40	1269.45	509	35	-3864	S	507	QPN	ZG	0.00	600.60	0.40	600.60
509	-3864	-3869	S	504	QPN	ZG	0.00	1269.45	0.40	1269.45	509	-3864	-3869	S	507	QPN	ZG	0.00	600.60	0.40	600.60
509	-3869	-3874	S	504	QPN	ZG	0.00	1269.45	0.40	1269.45	509	-3869	-3874	S	507	QPN	ZG	0.00	600.60	0.40	600.60
509	-3874	36	S	504	QPN	ZG	0.00	1269.45	0.40	1269.45	509	-3874	36	S	507	QPN	ZG	0.00	600.60	0.40	600.60
509	36	-3892	S	504	QPN	ZG	0.00	1269.45	0.50	1269.45	509	36	-3892	S	507	QPN	ZG	0.00	600.60	0.50	600.60
509	-3892	-3895	S	504	QPN	ZG	0.00	1269.45	0.50	1269.45	509	-3892	-3895	S	507	QPN	ZG	0.00	600.60	0.50	600.60
509	-3895	-3898	S	504	QPN	ZG	0.00	1269.45	0.50	1269.45	509	-3895	-3898	S	507	QPN	ZG	0.00	600.60	0.50	600.60
509	-3898	48	S	504	QPN	ZG	0.00	1269.45	0.50	1269.45	509	-3898	48	S	507	QPN	ZG	0.00	600.60	0.50	600.60
510	21	29	S	509	QPN	ZG	0.00	600.60	3.92	600.60	510	29	33	S	508	QPN	ZG	0.00	600.60	6.39	600.60
510	29	33	T	111	QPN	ZG	0.00	2475.00	6.39	2475.00	510	33	37	S	507	QPN	ZG	0.00	600.60	4.04	600.60
510	33	37	T	112	QPN	ZG	0.00	2475.00	4.04	2475.00	510	37	-3893	S	507	QPN	ZG	0.00	600.60	0.50	600.60
510	-3893	-3896	S	507	QPN	ZG	0.00	600.60	0.50	600.60	510	-3896	-3899	S	507	QPN	ZG	0.00	600.60	0.50	600.60
510	-3899	49	S	507	QPN	ZG	0.00	600.60	0.50	600.60	511	18	19	T	101	QPN	ZG	0.00	2475.00	3.00	2475.00
511	19	-3691	T	101	QPN	ZG	0.00	2475.00	0.48	2475.00	511	-3691	-3692	T	101	QPN	ZG	0.00	2475.00	0.48	2475.00
511	-3692	-3693	T	101	QPN	ZG	0.00	2475.00	0.48	2475.00	511	-3693	-3694	T	101	QPN	ZG	0.00	2475.00	0.48	2475.00
511	-3694	-3695	T	101	QPN	ZG	0.00	2475.00	0.48	2475.00	511	-3695	20	T	101	QPN	ZG	0.00	2475.00	0.48	2475.00
516	39	42	S	500	QPN	ZG	0.00	210.60	1.62	210.60	527	40	43	S	501	QPN	ZG	0.00	243.10	1.62	243.10

Elenco carichi aste

Condizione di carico n. 3: QA CAT C

Carichi distribuiti

Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <daN/m>	Xf <m>	Qf <daN/m>	Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <daN/m>	Xf <m>	Qf <daN/m>
0	23	-3720	S	500	QA	ZG	0.00	243.00	0.33	243.00	0	23	-3720	S	500	QA	ZG	0.33	243.00	0.41	243.00
0	23	-3705	S	503	QA	ZG	0.00	280.50	0.48	280.50	0	-3720	-3724	S	500	QA	ZG	0.00	243.00	0.41	243.00
0	-3706	-3707	S	503	QA	ZG	0.00	280.50	0.48	280.50	0	-3728	-3732	S	500	QA	ZG	0.00	243.00	0.39	243.00
0	-3728	-3732	S	500	QA	ZG	0.39	243.00	0.41	243.00	0	-3705	-3706	S	503	QA	ZG	0.00	280.50	0.48	280.50
0	-3707	-3708	S	503	QA	ZG	0.00	280.50	0.48	280.50	0	-3724	-3728	S	500	QA	ZG	0.00	243.00	0.41	243.00
0	-3732	-3735	S	500	QA	ZG	0.00	243.00	0.41	243.00	0	-3708	-3709	S	503	QA	ZG	0.00	280.50	0.48	280.50
0	-3709	-3710	S	503	QA	ZG	0.00	280.50	0.48	280.50	0	-3738	-3742	S	500	QA	ZG	0.00	243.00	0.48	243.00
0	-3735	-3738	S	500	QA	ZG	0.00	243.00	0.48	243.00	0	-3710	-3711	S	503	QA	ZG	0.00	280.50	0.48	280.50
0	-3712	-3713	S	503	QA	ZG	0.00	280.50	0.48	280.50	0	-3742	-3746	S	500	QA	ZG	0.00	243.00	0.48	243.00
0	-3746	-3762	S	500	QA	ZG	0.00	243.00	0.47	243.00	0	-3711	-3712	S	503	QA	ZG	0.00	280.50	0.48	280.50
0	-3762	-3766	S	500	QA	ZG	0.00	243.00	0.47	243.00	0	-3770	-3774	S	500	QA	ZG	0.00	243.00	0.47	243.00
0	-3766	-3770	S	500	QA	ZG	0.00	243.00	0.47	243.00	0	-3713	-3714	S	503	QA	ZG	0.00	280.50	0.48	280.50
0	-3774	-3778	S	500	QA	ZG	0.00	243.00	0.47	243.00	0	-3714	-3715	S	503	QA	ZG	0.00	280.50	0.48	280.50
0	-3715	-3716	S	503	QA	ZG	0.00	280.50	0.48	280.50	0	-3716	24	S	503	QA	ZG	0.00	280.50	0.48	280.50
0	-3778	-3782	S	500	QA	ZG	0.00	243.00	0.47	243.00	0	-3782	-3786	S	500	QA	ZG	0.00	243.00	0.47	243.00
0	-3786	-3802	S	500	QA	ZG	0.00	243.00	0.42	243.00	0	24	-3721	S	501	QA	ZG	0.00	280.50	0.41	280.50
0	-3721	-3725	S	501	QA	ZG	0.00	280.50	0.41	280.50	0	-3725	-3729	S	501	QA	ZG	0.00	280.50	0.41	280.50
0	-3802	-3806	S	500	QA	ZG	0.00	243.00	0.42	243.00	0	-3729	-3733	S	501	QA	ZG	0.00	280.50	0.41	280.50

0	-3733	-3736	S	501	QA	ZG	0.00	280.50	0.41	280.50	0	-3806	-3810	S	500	QA	ZG	0.00	243.00	0.42	243.00
0	-3810	-3813	S	500	QA	ZG	0.00	243.00	0.42	243.00	0	-3736	-3739	S	501	QA	ZG	0.00	280.50	0.48	280.50
0	-3813	-3816	S	500	QA	ZG	0.00	243.00	0.44	243.00	0	-3739	-3743	S	501	QA	ZG	0.00	280.50	0.48	280.50
0	-3743	-3759	S	501	QA	ZG	0.00	280.50	0.48	280.50	0	-3816	-3820	S	500	QA	ZG	0.00	243.00	0.44	243.00
0	-3820	-3824	S	500	QA	ZG	0.00	243.00	0.44	243.00	0	-3824	-3840	S	500	QA	ZG	0.00	243.00	0.38	243.00
0	-3759	-3763	S	501	QA	ZG	0.00	280.50	0.47	280.50	0	-3840	-3844	S	500	QA	ZG	0.00	243.00	0.38	243.00
0	-3763	-3767	S	501	QA	ZG	0.00	280.50	0.47	280.50	0	-3844	-3862	S	500	QA	ZG	0.00	243.00	0.38	243.00
0	-3767	-3771	S	501	QA	ZG	0.00	280.50	0.47	280.50	0	-3862	-3867	S	500	QA	ZG	0.00	243.00	0.50	243.00
0	-3867	-3872	S	500	QA	ZG	0.00	243.00	0.50	243.00	0	-3771	-3775	S	501	QA	ZG	0.00	280.50	0.47	280.50
0	-3775	-3779	S	501	QA	ZG	0.00	280.50	0.47	280.50	0	-3783	-3799	S	501	QA	ZG	0.00	280.50	0.47	280.50
0	-3779	-3783	S	501	QA	ZG	0.00	280.50	0.47	280.50	0	-3877	39	S	500	QA	ZG	0.00	243.00	0.50	243.00
0	39	-3880	S	502	QA	ZG	0.00	243.00	0.48	243.00	0	-3799	-3803	S	501	QA	ZG	0.00	280.50	0.42	280.50
0	-3807	-3811	S	501	QA	ZG	0.00	280.50	0.42	280.50	0	-3803	-3807	S	501	QA	ZG	0.00	280.50	0.42	280.50
0	-3811	-3814	S	501	QA	ZG	0.00	280.50	0.42	280.50	0	-3814	-3817	S	501	QA	ZG	0.00	280.50	0.44	280.50
0	-3872	-3877	S	500	QA	ZG	0.00	243.00	0.50	243.00	0	-3880	-3881	S	502	QA	ZG	0.00	243.00	0.48	243.00
0	-3881	-3882	S	502	QA	ZG	0.00	243.00	0.48	243.00	0	-3882	-3883	S	502	QA	ZG	0.00	243.00	0.48	243.00
0	-3883	-3884	S	502	QA	ZG	0.00	243.00	0.48	243.00	0	-3817	-3821	S	501	QA	ZG	0.00	280.50	0.44	280.50
0	-3821	-3837	S	501	QA	ZG	0.00	280.50	0.44	280.50	0	-3884	-3885	S	502	QA	ZG	0.00	243.00	0.48	243.00
0	-3837	-3841	S	501	QA	ZG	0.00	280.50	0.38	280.50	0	-3886	-3887	S	502	QA	ZG	0.00	243.00	0.48	243.00
0	-3841	-3845	S	501	QA	ZG	0.00	280.50	0.38	280.50	0	-3845	-3863	S	501	QA	ZG	0.00	280.50	0.38	280.50
0	-3887	-3888	S	502	QA	ZG	0.00	243.00	0.48	243.00	0	-3885	-3886	S	502	QA	ZG	0.00	243.00	0.48	243.00
0	-3863	-3868	S	501	QA	ZG	0.00	280.50	0.50	280.50	0	-3888	-3889	S	502	QA	ZG	0.00	243.00	0.48	243.00
0	-3868	-3873	S	501	QA	ZG	0.00	280.50	0.50	280.50	0	-3889	-3890	S	502	QA	ZG	0.00	243.00	0.48	243.00
0	-3890	-3891	S	502	QA	ZG	0.00	243.00	0.48	243.00	0	-3878	40	S	501	QA	ZG	0.00	280.50	0.50	280.50
0	-3873	-3878	S	501	QA	ZG	0.00	280.50	0.50	280.50	0	-3891	40	S	502	QA	ZG	0.00	243.00	0.48	243.00
105	101	104	S	104	QA	ZG	0.00	2437.50	3.92	2437.50	105	104	108	S	102	QA	ZG	0.00	2437.50	6.39	2437.50
105	108	112	S	100	QA	ZG	0.00	2437.50	6.04	2437.50	108	113	105	S	104	QA	ZG	0.00	2437.50	3.92	2437.50
108	113	105	S	105	QA	ZG	0.00	2047.50	3.92	2047.50	108	105	109	S	102	QA	ZG	0.00	2437.50	6.39	2437.50
108	105	109	S	103	QA	ZG	0.00	2047.50	6.39	2047.50	108	109	117	S	100	QA	ZG	0.00	2437.50	6.04	2437.50
108	109	117	S	101	QA	ZG	0.00	2047.50	6.04	2047.50	109	102	106	S	105	QA	ZG	0.00	2047.50	3.92	2047.50
109	106	110	S	103	QA	ZG	0.00	2047.50	6.39	2047.50	109	106	110	S	107	QA	ZG	0.00	693.00	6.39	693.00
109	110	115	S	101	QA	ZG	0.00	2047.50	4.04	2047.50	109	110	115	S	106	QA	ZG	0.00	693.00	4.04	693.00
109	115	-4115	S	101	QA	ZG	0.00	2047.50	0.50	2047.50	109	115	-4115	S	106	QA	ZG	0.00	693.00	0.50	693.00
109	-4115	-4117	S	101	QA	ZG	0.00	2047.50	0.50	2047.50	109	-4115	-4117	S	106	QA	ZG	0.00	693.00	0.50	693.00
109	-4117	-4119	S	101	QA	ZG	0.00	2047.50	0.50	2047.50	109	-4117	-4119	S	106	QA	ZG	0.00	693.00	0.50	693.00
109	-4119	119	S	101	QA	ZG	0.00	2047.50	0.50	2047.50	109	-4119	119	S	106	QA	ZG	0.00	693.00	0.50	693.00
110	107	111	S	107	QA	ZG	0.00	693.00	6.39	693.00	110	111	116	S	106	QA	ZG	0.00	693.00	4.04	693.00
110	116	-4116	S	106	QA	ZG	0.00	693.00	0.50	693.00	110	-4116	-4118	S	106	QA	ZG	0.00	693.00	0.50	693.00
110	-4118	-4120	S	106	QA	ZG	0.00	693.00	0.50	693.00	110	-4120	120	S	106	QA	ZG	0.00	693.00	0.50	693.00
501	14	-3673	S	503	QA	ZG	0.00	280.50	0.48	280.50	501	-3673	-3674	S	503	QA	ZG	0.00	280.50	0.48	280.50
501	-3674	-3675	S	503	QA	ZG	0.00	280.50	0.48	280.50	501	-3675	-3676	S	503	QA	ZG	0.00	280.50	0.48	280.50
501	-3676	-3677	S	503	QA	ZG	0.00	280.50	0.48	280.50	501	-3677	-3678	S	503	QA	ZG	0.00	280.50	0.48	280.50
501	-3678	-3679	S	503	QA	ZG	0.00	280.50	0.48	280.50	501	-3679	-3680	S	503	QA	ZG	0.00	280.50	0.48	280.50
501	-3680	-3681	S	503	QA	ZG	0.00	280.50	0.48	280.50	501	-3681	-3682	S	503	QA	ZG	0.00	280.50	0.48	280.50
501	-3682	-3683	S	503	QA	ZG	0.00	280.50	0.48	280.50	501	-3683	-3684	S	503	QA	ZG	0.00	280.50	0.48	280.50
501	-3684	15	S	503	QA	ZG	0.00	280.50	0.48	280.50	504	42	-3919	S	502	QA	ZG	0.00	243.00	0.48	243.00
504	-3919	-3920	S	502	QA	ZG	0.00	243.00	0.48	243.00	504	-3920	-3921	S	502	QA	ZG	0.00	243.00	0.48	243.00
504	-3921	-3922	S	502	QA	ZG	0.00	243.00	0.48	243.00	504	-3922	-3923	S	502	QA	ZG	0.00	243.00	0.48	243.00
504	-3923	-3924	S	502	QA	ZG	0.00	243.00	0.48	243.00	504	-3924	-3925	S	502	QA	ZG	0.00	243.00	0.48	243.00
504	-3925	-3926	S	502	QA	ZG	0.00	243.00	0.48	243.00	504	-3926	-3927	S	502	QA	ZG	0.00	243.00	0.48	243.00
504	-3927	-3928	S	502	QA	ZG	0.00	243.00	0.48	243.00	504	-3928	-3929	S	502	QA	ZG	0.00	243.00	0.48	243.00
504	-3929	-3930	S	502	QA	ZG	0.00	243.00	0.48	243.00	504	-3930	43	S	502	QA	ZG	0.00	243.00	0.48	243.00
505	13	-3696	S	500	QA	ZG	0.00	243.00	0.40	243.00	505	-3696	22	S	500	QA	ZG	0.00	243.00	0.40	243.00
505	22	25	S	500	QA	ZG	0.00	243.00	1.40	243.00	505	25	-3723	S	500	QA	ZG	0.00	243.00	0.08	243.00
505	25	-3723	S	500	QA	ZG	0.08	243.00	0.43	243.00	505	-3723	-3727	S	500	QA	ZG	0.00	243.00	0.43	243.00
505	-3727	-3731	S	500	QA	ZG	0.00	243.00	0.43	243.00	505	-3731	26	S	500	QA	ZG	0.00	243.00	0.02	243.00
505	-3731	26	S	500	QA	ZG	0.02	243.00	0.43	243.00	505	26	-3737	S	500	QA	ZG	0.00	243.00	0.48	243.00
505	-3737	-3741	S	500	QA	ZG	0.00	243.00	0.48	243.00	505	-3741	-3745	S	500	QA	ZG	0.00	243.00	0.48	243.00
505	-3745	-3761	S	500	QA	ZG	0.00	243.00	0.47	243.00	505	-3761	-3765	S	500	QA	ZG	0.00	243.00	0.47	243.00
505	-3765	-3769	S	500	QA	ZG	0.00	243.00	0.47	243.00	505	-3769	-3773	S	500	QA	ZG	0.00	243.00	0.47	243.00
505	-3773	-3777	S	500	QA	ZG	0.00	243.00	0.47	243.00	505	-3777	-3781	S	500	QA	ZG	0.00	243.00	0.47	243.00
505	-3781	-3785	S	500	QA	ZG	0.00	243.00	0.47	243.00	505	-3785	-3801	S	500	QA	ZG	0.00	243.00	0.42	243.00
505	-3801	-3805	S	500	QA	ZG	0.00	243.00	0.42	243.00	505	-3805	-3809	S	500	QA	ZG	0.00	243.00	0.42	243.00
505	-3809	30	S	500	QA	ZG	0.00	243.00	0.42	243.00	505	30	-3815	S	500	QA	ZG	0.00	243.00	0.44	243.00
505	-3815	-3819	S	500	QA	ZG	0.00	243.00	0.44	243.00	505	-3819	-3823	S	500	QA	ZG	0.00	243.00	0.44	243.00
505	-3823	-3839	S	500	QA	ZG	0.00	243.00	0.38	243.00	505	-3839	-3843	S	500	QA	ZG	0.00	243.00	0.38	243.00
505	-3843	34	S	500	QA	ZG	0.00	243.00	0.38	243.00	505	34	-3866	S	500	QA	ZG	0.00	243.00	0.49	243.00
505	-3866	-3871	S	500	QA	ZG	0.00	243.00	0.49	243.00	505	-3871	-3876	S	500	QA	ZG	0.00	243.00	0.49	243.00
505	-3876	38	S	500	QA	ZG	0.00	243.00	0.49	243.00	505	38	41	S	500	QA	ZG	0.00	243.00	1.65	243.00
506	14	23	S	500	QA	ZG	0.00	243.00	0.80	243.00	506	14	23	S	500	QA	ZG	0.80	243.00	1.87	243.00
507	15	24	S	501	QA	ZG	0.00	280.50	1.87	280.50	508	16	27	S	501	QA	ZG	0.00	280.50	2.28	280.50
508	16	27	S	506	QA	ZG	0.00	1228.50	3.92	1228.50	508	16	27	S	501	QA	ZG	3.10	280.50	3.92	280.50
508	16	27	S	501	QA	ZG	2.28	280.50	3.10	280.50	508	27	31	S	501	QA	ZG	0.00	280.50	6.39	280.50
508	27	31	S	505	QA	ZG	0.00	1228.50	6.39	1228.50	508	31	44	S	501	QA	ZG	0.00	280.50	6.04	280.50
508	31	44	S	504	QA	ZG	0.00	1228.50	6.04	1228.50	509	20	-3697	S	506	QA	ZG	0.00	1228.50	0.40	1228.50
509	20	-3697	S	509	QA	ZG	0.00	693.00	0.40	693.00	509	-3697	-3700	S	506	QA	ZG	0.00	1228.50	0.40	1228.50
509	-3697	-3700	S	509	QA	ZG	0.00	693.00	0.40	693.00	509	-3700	-3701	S	506	QA	ZG	0.00	1228.50	0.36	1228.50
509	-3700	-3701	S	509	QA	ZG	0.00	693.00	0.36	693.00	509	-3701	-3703	S	506	QA	ZG	0.00	1228.50	0.36	1228.50
509	-3701	-3703	S	509	QA	ZG	0.00	693.00	0.36	693.00	509	-3703	-3717	S	506	QA	ZG	0.00	1228.50	0.36	1228.50
509	-3703	-3717	S	509	QA	ZG	0.00	693.00	0.36	693.00	509	-3717	-3722	S	506	QA	ZG	0.00	1228.50	0.41	1228.50
509	-3717	-3722	S	509	QA	ZG	0.00	693.00	0.41	693.00	509	-3722	-3726	S	506	QA	ZG	0.00	1228.50	0.41	1228.50
509	-3722	-3726	S	509	QA	ZG	0.00	693.00	0.41	693.00	509	-3726	-3730	S	506	QA	ZG	0.00	1228.50	0.41	1228.50

509	-3726	-3730	S	509	QA	ZG	0.00	693.00	0.41	693.00	509	-3730	-3734	S	506	QA	ZG	0.00	1228.50	0.41	1228.50
509	-3730	-3734	S	509	QA	ZG	0.00	693.00	0.41	693.00	509	-3734	28	S	506	QA	ZG	0.00	1228.50	0.41	1228.50
509	-3734	28	S	509	QA	ZG	0.00	693.00	0.41	693.00	509	28	-3740	S	505	QA	ZG	0.00	1228.50	0.48	1228.50
509	28	-3740	S	508	QA	ZG	0.00	693.00	0.48	693.00	509	-3740	-3744	S	505	QA	ZG	0.00	1228.50	0.48	1228.50
509	-3740	-3744	S	508	QA	ZG	0.00	693.00	0.48	693.00	509	-3744	-3760	S	505	QA	ZG	0.00	1228.50	0.48	1228.50
509	-3744	-3760	S	508	QA	ZG	0.00	693.00	0.48	693.00	509	-3760	-3764	S	505	QA	ZG	0.00	1228.50	0.47	1228.50
509	-3760	-3764	S	508	QA	ZG	0.00	693.00	0.47	693.00	509	-3764	-3768	S	505	QA	ZG	0.00	1228.50	0.47	1228.50
509	-3764	-3768	S	508	QA	ZG	0.00	693.00	0.47	693.00	509	-3768	-3772	S	505	QA	ZG	0.00	1228.50	0.47	1228.50
509	-3768	-3772	S	508	QA	ZG	0.00	693.00	0.47	693.00	509	-3772	-3776	S	505	QA	ZG	0.00	1228.50	0.47	1228.50
509	-3772	-3776	S	508	QA	ZG	0.00	693.00	0.47	693.00	509	-3776	-3780	S	505	QA	ZG	0.00	1228.50	0.47	1228.50
509	-3776	-3780	S	508	QA	ZG	0.00	693.00	0.47	693.00	509	-3780	-3784	S	505	QA	ZG	0.00	1228.50	0.47	1228.50
509	-3780	-3784	S	508	QA	ZG	0.00	693.00	0.47	693.00	509	-3784	-3800	S	505	QA	ZG	0.00	1228.50	0.47	1228.50
509	-3784	-3800	S	508	QA	ZG	0.00	693.00	0.47	693.00	509	-3800	-3804	S	505	QA	ZG	0.00	1228.50	0.42	1228.50
509	-3800	-3804	S	508	QA	ZG	0.00	693.00	0.42	693.00	509	-3804	-3808	S	505	QA	ZG	0.00	1228.50	0.42	1228.50
509	-3804	-3808	S	508	QA	ZG	0.00	693.00	0.42	693.00	509	-3808	-3812	S	505	QA	ZG	0.00	1228.50	0.42	1228.50
509	-3808	-3812	S	508	QA	ZG	0.00	693.00	0.42	693.00	509	-3812	32	S	505	QA	ZG	0.00	1228.50	0.42	1228.50
509	-3812	32	S	508	QA	ZG	0.00	693.00	0.42	693.00	509	32	-3818	S	504	QA	ZG	0.00	1228.50	0.44	1228.50
509	32	-3818	S	507	QA	ZG	0.00	693.00	0.44	693.00	509	-3818	-3822	S	504	QA	ZG	0.00	1228.50	0.44	1228.50
509	-3818	-3822	S	507	QA	ZG	0.00	693.00	0.44	693.00	509	-3822	-3838	S	504	QA	ZG	0.00	1228.50	0.44	1228.50
509	-3822	-3838	S	507	QA	ZG	0.00	693.00	0.44	693.00	509	-3838	-3842	S	504	QA	ZG	0.00	1228.50	0.38	1228.50
509	-3838	-3842	S	507	QA	ZG	0.00	693.00	0.38	693.00	509	-3842	-3846	S	504	QA	ZG	0.00	1228.50	0.38	1228.50
509	-3842	-3846	S	507	QA	ZG	0.00	693.00	0.38	693.00	509	-3846	35	S	504	QA	ZG	0.00	1228.50	0.38	1228.50
509	-3846	35	S	507	QA	ZG	0.00	693.00	0.38	693.00	509	35	-3864	S	504	QA	ZG	0.00	1228.50	0.40	1228.50
509	35	-3864	S	507	QA	ZG	0.00	693.00	0.40	693.00	509	-3864	-3869	S	504	QA	ZG	0.00	1228.50	0.40	1228.50
509	-3864	-3869	S	507	QA	ZG	0.00	693.00	0.40	693.00	509	-3869	-3874	S	504	QA	ZG	0.00	1228.50	0.40	1228.50
509	-3869	-3874	S	507	QA	ZG	0.00	693.00	0.40	693.00	509	-3874	36	S	504	QA	ZG	0.00	1228.50	0.40	1228.50
509	-3874	36	S	507	QA	ZG	0.00	693.00	0.40	693.00	509	36	-3892	S	504	QA	ZG	0.00	1228.50	0.50	1228.50
509	36	-3892	S	507	QA	ZG	0.00	693.00	0.50	693.00	509	-3892	-3895	S	504	QA	ZG	0.00	1228.50	0.50	1228.50
509	-3892	-3895	S	507	QA	ZG	0.00	693.00	0.50	693.00	509	-3895	-3898	S	504	QA	ZG	0.00	1228.50	0.50	1228.50
509	-3895	-3898	S	507	QA	ZG	0.00	693.00	0.50	693.00	509	-3898	48	S	504	QA	ZG	0.00	1228.50	0.50	1228.50
509	-3898	48	S	507	QA	ZG	0.00	693.00	0.50	693.00	510	21	29	S	509	QA	ZG	0.00	693.00	0.80	693.00
510	21	29	S	509	QA	ZG	1.16	693.00	3.92	693.00	510	21	29	S	509	QA	ZG	0.80	693.00	1.16	693.00
510	29	33	S	508	QA	ZG	0.00	693.00	6.39	693.00	510	33	37	S	507	QA	ZG	0.00	693.00	4.04	693.00
510	37	-3893	S	507	QA	ZG	0.00	693.00	0.50	693.00	510	-3893	-3896	S	507	QA	ZG	0.00	693.00	0.50	693.00
510	-3896	-3899	S	507	QA	ZG	0.00	693.00	0.50	693.00	510	-3899	49	S	507	QA	ZG	0.00	693.00	0.50	693.00
516	39	42	S	500	QA	ZG	0.00	243.00	1.62	243.00	527	40	43	S	501	QA	ZG	0.00	280.50	1.62	280.50

Elenco carichi aste
Condizione di carico n. 4: Neve
Carichi distribuiti

Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <daN/m>	Xf <m>	Qf <daN/m>	Asta	N1	N2	E	NE	T	DC	Xi <m>	Qi <daN/m>	Xf <m>	Qf <daN/m>
208	213	205	S	202	QA	ZG	0.00	409.50	3.92	409.50	208	205	209	S	201	QA	ZG	0.00	409.50	6.39	409.50
208	209	217	S	200	QA	ZG	0.00	409.50	6.04	409.50	209	202	206	S	202	QA	ZG	0.00	409.50	3.92	409.50
209	202	206	S	205	QA	ZG	0.00	231.00	3.92	231.00	209	206	210	S	201	QA	ZG	0.00	409.50	6.39	409.50
209	206	210	S	204	QA	ZG	0.00	231.00	6.39	231.00	209	210	215	S	200	QA	ZG	0.00	409.50	4.04	409.50
209	210	215	S	203	QA	ZG	0.00	231.00	4.04	231.00	209	215	-4247	S	200	QA	ZG	0.00	409.50	0.50	409.50
209	215	-4247	S	203	QA	ZG	0.00	231.00	0.50	231.00	209	-4247	-4249	S	200	QA	ZG	0.00	409.50	0.50	409.50
209	-4247	-4249	S	203	QA	ZG	0.00	231.00	0.50	231.00	209	-4249	-4251	S	200	QA	ZG	0.00	409.50	0.50	409.50
209	-4249	-4251	S	203	QA	ZG	0.00	231.00	0.50	231.00	209	-4251	219	S	200	QA	ZG	0.00	409.50	0.50	409.50
209	-4251	219	S	203	QA	ZG	0.00	231.00	0.50	231.00	210	203	207	S	205	QA	ZG	0.00	231.00	3.92	231.00
210	207	211	S	204	QA	ZG	0.00	231.00	6.39	231.00	210	211	216	S	203	QA	ZG	0.00	231.00	4.04	231.00
210	216	-4248	S	203	QA	ZG	0.00	231.00	0.50	231.00	210	-4248	-4250	S	203	QA	ZG	0.00	231.00	0.50	231.00
210	-4250	-4252	S	203	QA	ZG	0.00	231.00	0.50	231.00	210	-4252	220	S	203	QA	ZG	0.00	231.00	0.50	231.00

Elenco carichi elementi bidimensionali
Condizione di carico n. 1: peso+qps
Carichi uniformi

Simbologia

Bid. = Numero del muro/elemento bidimensionale
N1 = Nodo1
N2 = Nodo2
N3 = Nodo3
N4 = Nodo4
T = Tipo di carico
PP = Peso proprio
M = Manuale
DC = Direzione del carico
G = secondo gli assi globali
L = secondo gli assi locali
Qx = Carico in dir. X
Qy = Carico in dir. Y
Qz = Carico in dir. Z

Bid.	N1	N2	N3	N4	T	DC	Qx <daN/mq>	Qy <daN/mq>	Qz <daN/mq>
102	1	-29	-1715	-1714	PP	G	0.00	0.00	625.00

102	-32	-33	-1719	-1718	PP	G	0.00	0.00	625.00
102	-45	-46	-1732	-1731	PP	G	0.00	0.00	625.00
102	-2057	-2058	-2384	-2383	PP	G	0.00	0.00	625.00
102	-2383	-2384	-2710	-2709	PP	G	0.00	0.00	625.00
102	-2709	-2710	-3036	-3035	PP	G	0.00	0.00	625.00
102	-3035	-3036	-3362	-3361	PP	G	0.00	0.00	625.00
102	-3361	-3362	-3685	15	PP	G	0.00	0.00	625.00
102	-46	-47	-1733	-1732	PP	G	0.00	0.00	625.00
102	-1732	-1733	-2059	-2058	PP	G	0.00	0.00	625.00
102	-2058	-2059	-2385	-2384	PP	G	0.00	0.00	625.00
102	-2384	-2385	-2711	-2710	PP	G	0.00	0.00	625.00
102	-2710	-2711	-3037	-3036	PP	G	0.00	0.00	625.00
102	-3036	-3037	-3363	-3362	PP	G	0.00	0.00	625.00
102	-3362	-3363	-3686	-3685	PP	G	0.00	0.00	625.00
102	-47	-48	-1734	-1733	PP	G	0.00	0.00	625.00
102	-1733	-1734	-2060	-2059	PP	G	0.00	0.00	625.00
102	-2059	-2060	-2386	-2385	PP	G	0.00	0.00	625.00
102	-2385	-2386	-2712	-2711	PP	G	0.00	0.00	625.00
102	-2711	-2712	-3038	-3037	PP	G	0.00	0.00	625.00
102	-3037	-3038	-3364	-3363	PP	G	0.00	0.00	625.00
102	-3363	-3364	-3687	-3686	PP	G	0.00	0.00	625.00
102	-48	-49	-1735	-1734	PP	G	0.00	0.00	625.00
102	-1734	-1735	-2061	-2060	PP	G	0.00	0.00	625.00
102	-2060	-2061	-2387	-2386	PP	G	0.00	0.00	625.00
102	-2386	-2387	-2713	-2712	PP	G	0.00	0.00	625.00
102	-2712	-2713	-3039	-3038	PP	G	0.00	0.00	625.00
102	-3038	-3039	-3365	-3364	PP	G	0.00	0.00	625.00
102	-3364	-3365	16	-3687	PP	G	0.00	0.00	625.00
102	-30	-31	-1717	-1716	PP	G	0.00	0.00	625.00
102	-1716	-1717	-2043	-2042	PP	G	0.00	0.00	625.00
102	-2042	-2043	-2369	-2368	PP	G	0.00	0.00	625.00
102	-2368	-2369	-2695	-2694	PP	G	0.00	0.00	625.00
102	-2694	-2695	-3021	-3020	PP	G	0.00	0.00	625.00
102	-3020	-3021	-3347	-3346	PP	G	0.00	0.00	625.00
102	-3346	-3347	-3672	-3671	PP	G	0.00	0.00	625.00
102	-31	-32	-1718	-1717	PP	G	0.00	0.00	625.00
102	-1717	-1718	-2044	-2043	PP	G	0.00	0.00	625.00
102	-2043	-2044	-2370	-2369	PP	G	0.00	0.00	625.00
102	-2369	-2370	-2696	-2695	PP	G	0.00	0.00	625.00
102	-2695	-2696	-3022	-3021	PP	G	0.00	0.00	625.00
102	-3021	-3022	-3348	-3347	PP	G	0.00	0.00	625.00
102	-3347	-3348	14	-3672	PP	G	0.00	0.00	625.00
102	-1718	-1719	-2045	-2044	PP	G	0.00	0.00	625.00
102	-2044	-2045	-2371	-2370	PP	G	0.00	0.00	625.00
102	-2370	-2371	-2697	-2696	PP	G	0.00	0.00	625.00
102	-2696	-2697	-3023	-3022	PP	G	0.00	0.00	625.00
102	-3022	-3023	-3349	-3348	PP	G	0.00	0.00	625.00
102	-3348	-3349	-3673	14	PP	G	0.00	0.00	625.00
102	-33	-34	-1720	-1719	PP	G	0.00	0.00	625.00
102	-1719	-1720	-2046	-2045	PP	G	0.00	0.00	625.00
102	-2045	-2046	-2372	-2371	PP	G	0.00	0.00	625.00
102	-2371	-2372	-2698	-2697	PP	G	0.00	0.00	625.00
102	-2697	-2698	-3024	-3023	PP	G	0.00	0.00	625.00
102	-3023	-3024	-3350	-3349	PP	G	0.00	0.00	625.00
102	-3349	-3350	-3674	-3673	PP	G	0.00	0.00	625.00
102	-34	-35	-1721	-1720	PP	G	0.00	0.00	625.00
102	-1720	-1721	-2047	-2046	PP	G	0.00	0.00	625.00
102	-2046	-2047	-2373	-2372	PP	G	0.00	0.00	625.00
102	-2372	-2373	-2699	-2698	PP	G	0.00	0.00	625.00
102	-2698	-2699	-3025	-3024	PP	G	0.00	0.00	625.00
102	-3024	-3025	-3351	-3350	PP	G	0.00	0.00	625.00
102	-3350	-3351	-3675	-3674	PP	G	0.00	0.00	625.00
102	-35	-36	-1722	-1721	PP	G	0.00	0.00	625.00
102	-1721	-1722	-2048	-2047	PP	G	0.00	0.00	625.00
102	-2047	-2048	-2374	-2373	PP	G	0.00	0.00	625.00
102	-2373	-2374	-2700	-2699	PP	G	0.00	0.00	625.00
102	-2699	-2700	-3026	-3025	PP	G	0.00	0.00	625.00
102	-3025	-3026	-3352	-3351	PP	G	0.00	0.00	625.00
102	-3351	-3352	-3676	-3675	PP	G	0.00	0.00	625.00
102	-36	-37	-1723	-1722	PP	G	0.00	0.00	625.00
102	-1722	-1723	-2049	-2048	PP	G	0.00	0.00	625.00
102	-2048	-2049	-2375	-2374	PP	G	0.00	0.00	625.00
102	-2374	-2375	-2701	-2700	PP	G	0.00	0.00	625.00
102	-2700	-2701	-3027	-3026	PP	G	0.00	0.00	625.00
102	-3026	-3027	-3353	-3352	PP	G	0.00	0.00	625.00
102	-3352	-3353	-3677	-3676	PP	G	0.00	0.00	625.00
102	-37	-38	-1724	-1723	PP	G	0.00	0.00	625.00
102	-1723	-1724	-2050	-2049	PP	G	0.00	0.00	625.00
102	-2049	-2050	-2376	-2375	PP	G	0.00	0.00	625.00
102	-2375	-2376	-2702	-2701	PP	G	0.00	0.00	625.00
102	-2701	-2702	-3028	-3027	PP	G	0.00	0.00	625.00
102	-3027	-3028	-3354	-3353	PP	G	0.00	0.00	625.00

102	-3353	-3354	-3678	-3677	PP	G	0.00	0.00	625.00
102	-38	-39	-1725	-1724	PP	G	0.00	0.00	625.00
102	-1724	-1725	-2051	-2050	PP	G	0.00	0.00	625.00
102	-2050	-2051	-2377	-2376	PP	G	0.00	0.00	625.00
102	-2376	-2377	-2703	-2702	PP	G	0.00	0.00	625.00
102	-2702	-2703	-3029	-3028	PP	G	0.00	0.00	625.00
102	-3028	-3029	-3355	-3354	PP	G	0.00	0.00	625.00
102	-3354	-3355	-3679	-3678	PP	G	0.00	0.00	625.00
102	-39	-40	-1726	-1725	PP	G	0.00	0.00	625.00
102	-1725	-1726	-2052	-2051	PP	G	0.00	0.00	625.00
102	-2051	-2052	-2378	-2377	PP	G	0.00	0.00	625.00
102	-2377	-2378	-2704	-2703	PP	G	0.00	0.00	625.00
102	-2703	-2704	-3030	-3029	PP	G	0.00	0.00	625.00
102	-3029	-3030	-3356	-3355	PP	G	0.00	0.00	625.00
102	-3355	-3356	-3680	-3679	PP	G	0.00	0.00	625.00
102	-40	-41	-1727	-1726	PP	G	0.00	0.00	625.00
102	-1726	-1727	-2053	-2052	PP	G	0.00	0.00	625.00
102	-2052	-2053	-2379	-2378	PP	G	0.00	0.00	625.00
102	-2378	-2379	-2705	-2704	PP	G	0.00	0.00	625.00
102	-2704	-2705	-3031	-3030	PP	G	0.00	0.00	625.00
102	-3030	-3031	-3357	-3356	PP	G	0.00	0.00	625.00
102	-3356	-3357	-3681	-3680	PP	G	0.00	0.00	625.00
102	-41	-42	-1728	-1727	PP	G	0.00	0.00	625.00
102	-1727	-1728	-2054	-2053	PP	G	0.00	0.00	625.00
102	-2053	-2054	-2380	-2379	PP	G	0.00	0.00	625.00
102	-2379	-2380	-2706	-2705	PP	G	0.00	0.00	625.00
102	-2705	-2706	-3032	-3031	PP	G	0.00	0.00	625.00
102	-3031	-3032	-3358	-3357	PP	G	0.00	0.00	625.00
102	-3357	-3358	-3682	-3681	PP	G	0.00	0.00	625.00
102	-42	-43	-1729	-1728	PP	G	0.00	0.00	625.00
102	-1728	-1729	-2055	-2054	PP	G	0.00	0.00	625.00
102	-2054	-2055	-2381	-2380	PP	G	0.00	0.00	625.00
102	-2380	-2381	-2707	-2706	PP	G	0.00	0.00	625.00
102	-2706	-2707	-3033	-3032	PP	G	0.00	0.00	625.00
102	-3032	-3033	-3359	-3358	PP	G	0.00	0.00	625.00
102	-3358	-3359	-3683	-3682	PP	G	0.00	0.00	625.00
102	-43	-44	-1730	-1729	PP	G	0.00	0.00	625.00
102	-1729	-1730	-2056	-2055	PP	G	0.00	0.00	625.00
102	-2055	-2056	-2382	-2381	PP	G	0.00	0.00	625.00
102	-2381	-2382	-2708	-2707	PP	G	0.00	0.00	625.00
102	-2707	-2708	-3034	-3033	PP	G	0.00	0.00	625.00
102	-3033	-3034	-3360	-3359	PP	G	0.00	0.00	625.00
102	-3359	-3360	-3684	-3683	PP	G	0.00	0.00	625.00
102	-44	-45	-1731	-1730	PP	G	0.00	0.00	625.00
102	-1730	-1731	-2057	-2056	PP	G	0.00	0.00	625.00
102	-2056	-2057	-2383	-2382	PP	G	0.00	0.00	625.00
102	-2382	-2383	-2709	-2708	PP	G	0.00	0.00	625.00
102	-2708	-2709	-3035	-3034	PP	G	0.00	0.00	625.00
102	-3034	-3035	-3361	-3360	PP	G	0.00	0.00	625.00
102	-3360	-3361	15	-3684	PP	G	0.00	0.00	625.00
102	-1731	-1732	-2058	-2057	PP	G	0.00	0.00	625.00
102	-3018	-3019	-3345	-3344	PP	G	0.00	0.00	625.00
102	-3344	-3345	-3670	13	PP	G	0.00	0.00	625.00
102	-29	-30	-1716	-1715	PP	G	0.00	0.00	625.00
102	-1715	-1716	-2042	-2041	PP	G	0.00	0.00	625.00
102	-2041	-2042	-2368	-2367	PP	G	0.00	0.00	625.00
102	-2367	-2368	-2694	-2693	PP	G	0.00	0.00	625.00
102	-2693	-2694	-3020	-3019	PP	G	0.00	0.00	625.00
102	-3019	-3020	-3346	-3345	PP	G	0.00	0.00	625.00
102	-3345	-3346	-3671	-3670	PP	G	0.00	0.00	625.00
102	-2040	-2041	-2367	-2366	PP	G	0.00	0.00	625.00
102	-2366	-2367	-2693	-2692	PP	G	0.00	0.00	625.00
102	-2692	-2693	-3019	-3018	PP	G	0.00	0.00	625.00
102	-1714	-1715	-2041	-2040	PP	G	0.00	0.00	625.00
103	-4034	-4035	-4055	-4054	PP	G	0.00	0.00	750.00
103	-4054	-4055	-4075	-4074	PP	G	0.00	0.00	750.00
103	-3951	-3952	-3972	-3971	PP	G	0.00	0.00	750.00
103	-49	-50	-1736	-1735	PP	G	0.00	0.00	750.00
103	-4053	-4054	-4074	-4073	PP	G	0.00	0.00	750.00
103	-4073	-4074	-4094	-4093	PP	G	0.00	0.00	750.00
103	-4093	-4094	-4113	-4112	PP	G	0.00	0.00	750.00
103	-3690	17	-3955	-3954	PP	G	0.00	0.00	750.00
103	-3954	-3955	-3975	-3974	PP	G	0.00	0.00	750.00
103	-3974	-3975	-3995	-3994	PP	G	0.00	0.00	750.00
103	-3994	-3995	-4015	-4014	PP	G	0.00	0.00	750.00
103	-4014	-4015	-4035	-4034	PP	G	0.00	0.00	750.00
103	-4072	-4073	-4093	-4092	PP	G	0.00	0.00	750.00
103	-4092	-4093	-4112	-4111	PP	G	0.00	0.00	750.00
103	-3689	-3690	-3954	-3953	PP	G	0.00	0.00	750.00
103	-3953	-3954	-3974	-3973	PP	G	0.00	0.00	750.00
103	-3973	-3974	-3994	-3993	PP	G	0.00	0.00	750.00
103	-3993	-3994	-4014	-4013	PP	G	0.00	0.00	750.00

103	-4013	-4014	-4034	-4033	PP	G	0.00	0.00	750.00
103	-4033	-4034	-4054	-4053	PP	G	0.00	0.00	750.00
103	-50	-51	-1737	-1736	PP	G	0.00	0.00	750.00
103	-1736	-1737	-2063	-2062	PP	G	0.00	0.00	750.00
103	-2062	-2063	-2389	-2388	PP	G	0.00	0.00	750.00
103	-2388	-2389	-2715	-2714	PP	G	0.00	0.00	750.00
103	-2714	-2715	-3041	-3040	PP	G	0.00	0.00	750.00
103	-3040	-3041	-3367	-3366	PP	G	0.00	0.00	750.00
103	-3366	-3367	-3689	-3688	PP	G	0.00	0.00	750.00
103	-51	-52	-1738	-1737	PP	G	0.00	0.00	750.00
103	-1737	-1738	-2064	-2063	PP	G	0.00	0.00	750.00
103	-2063	-2064	-2390	-2389	PP	G	0.00	0.00	750.00
103	-4074	-4075	-4095	-4094	PP	G	0.00	0.00	750.00
103	-4094	-4095	114	-4113	PP	G	0.00	0.00	750.00
103	-52	-53	-1739	-1738	PP	G	0.00	0.00	750.00
103	-1738	-1739	-2065	-2064	PP	G	0.00	0.00	750.00
103	-2064	-2065	-2391	-2390	PP	G	0.00	0.00	750.00
103	-2390	-2391	-2717	-2716	PP	G	0.00	0.00	750.00
103	-2716	-2717	-3043	-3042	PP	G	0.00	0.00	750.00
103	16	-3688	-3952	-3951	PP	G	0.00	0.00	750.00
103	-3368	-3369	17	-3690	PP	G	0.00	0.00	750.00
103	-3688	-3689	-3953	-3952	PP	G	0.00	0.00	750.00
103	-3952	-3953	-3973	-3972	PP	G	0.00	0.00	750.00
103	-3972	-3973	-3993	-3992	PP	G	0.00	0.00	750.00
103	-3992	-3993	-4013	-4012	PP	G	0.00	0.00	750.00
103	-4012	-4013	-4033	-4032	PP	G	0.00	0.00	750.00
103	-4032	-4033	-4053	-4052	PP	G	0.00	0.00	750.00
103	-4052	-4053	-4073	-4072	PP	G	0.00	0.00	750.00
103	-1735	-1736	-2062	-2061	PP	G	0.00	0.00	750.00
103	-2061	-2062	-2388	-2387	PP	G	0.00	0.00	750.00
103	-2387	-2388	-2714	-2713	PP	G	0.00	0.00	750.00
103	-2713	-2714	-3040	-3039	PP	G	0.00	0.00	750.00
103	-3039	-3040	-3366	-3365	PP	G	0.00	0.00	750.00
103	-3365	-3366	-3688	16	PP	G	0.00	0.00	750.00
103	-4051	-4052	-4072	-4071	PP	G	0.00	0.00	750.00
103	-4071	-4072	-4092	-4091	PP	G	0.00	0.00	750.00
103	-4091	-4092	-4111	113	PP	G	0.00	0.00	750.00
103	-3042	-3043	-3369	-3368	PP	G	0.00	0.00	750.00
103	-3971	-3972	-3992	-3991	PP	G	0.00	0.00	750.00
103	-3991	-3992	-4012	-4011	PP	G	0.00	0.00	750.00
103	-4011	-4012	-4032	-4031	PP	G	0.00	0.00	750.00
103	-4031	-4032	-4052	-4051	PP	G	0.00	0.00	750.00
103	-3041	-3042	-3368	-3367	PP	G	0.00	0.00	750.00
103	-3367	-3368	-3690	-3689	PP	G	0.00	0.00	750.00
103	-2389	-2390	-2716	-2715	PP	G	0.00	0.00	750.00
103	-2715	-2716	-3042	-3041	PP	G	0.00	0.00	750.00
104	-3369	-3370	18	17	PP	G	0.00	0.00	625.00
104	-2391	-2392	-2718	-2717	PP	G	0.00	0.00	625.00
104	-2717	-2718	-3044	-3043	PP	G	0.00	0.00	625.00
104	-3043	-3044	-3370	-3369	PP	G	0.00	0.00	625.00
104	-53	-54	-1740	-1739	PP	G	0.00	0.00	625.00
104	-1739	-1740	-2066	-2065	PP	G	0.00	0.00	625.00
104	-2065	-2066	-2392	-2391	PP	G	0.00	0.00	625.00
105	-2721	-2722	-3048	-3047	PP	G	0.00	0.00	625.00
105	-2720	-2721	-3047	-3046	PP	G	0.00	0.00	625.00
105	-60	-61	-1742	-1741	PP	G	0.00	0.00	625.00
105	-1743	-1744	-2070	-2069	PP	G	0.00	0.00	625.00
105	-2069	-2070	-2396	-2395	PP	G	0.00	0.00	625.00
105	-2395	-2396	-2722	-2721	PP	G	0.00	0.00	625.00
105	-1741	-1742	-2068	-2067	PP	G	0.00	0.00	625.00
105	-2067	-2068	-2394	-2393	PP	G	0.00	0.00	625.00
105	-2393	-2394	-2720	-2719	PP	G	0.00	0.00	625.00
105	-3372	-3373	-3692	-3691	PP	G	0.00	0.00	625.00
105	-62	-63	-1744	-1743	PP	G	0.00	0.00	625.00
105	-3371	-3372	-3691	19	PP	G	0.00	0.00	625.00
105	-61	-62	-1743	-1742	PP	G	0.00	0.00	625.00
105	-1742	-1743	-2069	-2068	PP	G	0.00	0.00	625.00
105	-2068	-2069	-2395	-2394	PP	G	0.00	0.00	625.00
105	-2394	-2395	-2721	-2720	PP	G	0.00	0.00	625.00
105	-3046	-3047	-3373	-3372	PP	G	0.00	0.00	625.00
105	-3374	-3375	-3694	-3693	PP	G	0.00	0.00	625.00
105	-64	-65	-1746	-1745	PP	G	0.00	0.00	625.00
105	-1745	-1746	-2072	-2071	PP	G	0.00	0.00	625.00
105	-2071	-2072	-2398	-2397	PP	G	0.00	0.00	625.00
105	-2397	-2398	-2724	-2723	PP	G	0.00	0.00	625.00
105	-2723	-2724	-3050	-3049	PP	G	0.00	0.00	625.00
105	-3049	-3050	-3376	-3375	PP	G	0.00	0.00	625.00
105	-3047	-3048	-3374	-3373	PP	G	0.00	0.00	625.00
105	-2719	-2720	-3046	-3045	PP	G	0.00	0.00	625.00
105	-3045	-3046	-3372	-3371	PP	G	0.00	0.00	625.00
105	-63	-64	-1745	-1744	PP	G	0.00	0.00	625.00
105	-1744	-1745	-2071	-2070	PP	G	0.00	0.00	625.00

105	-2070	-2071	-2397	-2396	PP	G	0.00	0.00	625.00
105	-2396	-2397	-2723	-2722	PP	G	0.00	0.00	625.00
105	-2722	-2723	-3049	-3048	PP	G	0.00	0.00	625.00
105	-3048	-3049	-3375	-3374	PP	G	0.00	0.00	625.00
105	-65	2	-1747	-1746	PP	G	0.00	0.00	625.00
105	-1746	-1747	-2073	-2072	PP	G	0.00	0.00	625.00
105	-2072	-2073	-2399	-2398	PP	G	0.00	0.00	625.00
105	-2398	-2399	-2725	-2724	PP	G	0.00	0.00	625.00
105	-2724	-2725	-3051	-3050	PP	G	0.00	0.00	625.00
105	-3050	-3051	-3377	-3376	PP	G	0.00	0.00	625.00
105	-3376	-3377	20	-3695	PP	G	0.00	0.00	625.00
105	-3375	-3376	-3695	-3694	PP	G	0.00	0.00	625.00
105	-3373	-3374	-3693	-3692	PP	G	0.00	0.00	625.00
106	-2196	-2200	-2526	-2522	PP	G	0.00	0.00	625.00
106	-2848	-2852	-3178	-3174	PP	G	0.00	0.00	625.00
106	-3174	-3178	-3504	-3500	PP	G	0.00	0.00	625.00
106	-3500	-3504	32	-3812	PP	G	0.00	0.00	625.00
106	-1818	-1822	-2148	-2144	PP	G	0.00	0.00	625.00
106	-2144	-2148	-2474	-2470	PP	G	0.00	0.00	625.00
106	-3386	-3402	-3717	-3703	PP	G	0.00	0.00	625.00
106	2	-104	-1749	-1747	PP	G	0.00	0.00	625.00
106	-2522	-2526	-2852	-2848	PP	G	0.00	0.00	625.00
106	10	-1040	-1878	-1874	PP	G	0.00	0.00	625.00
106	-1250	-1251	-1926	-1925	PP	G	0.00	0.00	625.00
106	-3178	-3182	-3508	-3504	PP	G	0.00	0.00	625.00
106	-3504	-3508	-3818	32	PP	G	0.00	0.00	625.00
106	-1040	-1079	-1882	-1878	PP	G	0.00	0.00	625.00
106	-1878	-1882	-2208	-2204	PP	G	0.00	0.00	625.00
106	-2470	-2474	-2800	-2796	PP	G	0.00	0.00	625.00
106	6	-497	-1798	-1794	PP	G	0.00	0.00	625.00
106	-3379	-3383	-3700	-3697	PP	G	0.00	0.00	625.00
106	-1858	-1862	-2188	-2184	PP	G	0.00	0.00	625.00
106	-2184	-2188	-2514	-2510	PP	G	0.00	0.00	625.00
106	-1753	-1754	-2080	-2079	PP	G	0.00	0.00	625.00
106	-2079	-2080	-2406	-2405	PP	G	0.00	0.00	625.00
106	-3060	-3076	-3402	-3386	PP	G	0.00	0.00	625.00
106	-2731	-2732	-3058	-3057	PP	G	0.00	0.00	625.00
106	-3057	-3058	-3384	-3383	PP	G	0.00	0.00	625.00
106	-3383	-3384	-3701	-3700	PP	G	0.00	0.00	625.00
106	-180	-221	-1756	-1754	PP	G	0.00	0.00	625.00
106	-1754	-1756	-2082	-2080	PP	G	0.00	0.00	625.00
106	-2080	-2082	-2408	-2406	PP	G	0.00	0.00	625.00
106	-2406	-2408	-2734	-2732	PP	G	0.00	0.00	625.00
106	-2732	-2734	-3060	-3058	PP	G	0.00	0.00	625.00
106	-262	-303	-1778	-1772	PP	G	0.00	0.00	625.00
106	-3384	-3386	-3703	-3701	PP	G	0.00	0.00	625.00
106	-221	-262	-1772	-1756	PP	G	0.00	0.00	625.00
106	-1756	-1772	-2098	-2082	PP	G	0.00	0.00	625.00
106	-2082	-2098	-2424	-2408	PP	G	0.00	0.00	625.00
106	-2408	-2424	-2750	-2734	PP	G	0.00	0.00	625.00
106	-2734	-2750	-3076	-3060	PP	G	0.00	0.00	625.00
106	-1747	-1749	-2075	-2073	PP	G	0.00	0.00	625.00
106	-2073	-2075	-2401	-2399	PP	G	0.00	0.00	625.00
106	-2399	-2401	-2727	-2725	PP	G	0.00	0.00	625.00
106	-2725	-2727	-3053	-3051	PP	G	0.00	0.00	625.00
106	-3051	-3053	-3379	-3377	PP	G	0.00	0.00	625.00
106	-3377	-3379	-3697	20	PP	G	0.00	0.00	625.00
106	-104	-145	-1753	-1749	PP	G	0.00	0.00	625.00
106	-1749	-1753	-2079	-2075	PP	G	0.00	0.00	625.00
106	-2075	-2079	-2405	-2401	PP	G	0.00	0.00	625.00
106	-2401	-2405	-2731	-2727	PP	G	0.00	0.00	625.00
106	-2727	-2731	-3057	-3053	PP	G	0.00	0.00	625.00
106	-3053	-3057	-3383	-3379	PP	G	0.00	0.00	625.00
106	-2588	-2593	-2919	-2914	PP	G	0.00	0.00	625.00
106	-2914	-2919	-3245	-3240	PP	G	0.00	0.00	625.00
106	-3240	-3245	-3571	-3566	PP	G	0.00	0.00	625.00
106	-3566	-3571	36	-3874	PP	G	0.00	0.00	625.00
106	-3142	-3146	-3472	-3468	PP	G	0.00	0.00	625.00
106	-2405	-2406	-2732	-2731	PP	G	0.00	0.00	625.00
106	-809	-848	-1858	-1842	PP	G	0.00	0.00	625.00
106	-1842	-1858	-2184	-2168	PP	G	0.00	0.00	625.00
106	-2168	-2184	-2510	-2494	PP	G	0.00	0.00	625.00
106	-2494	-2510	-2836	-2820	PP	G	0.00	0.00	625.00
106	-2820	-2836	-3162	-3146	PP	G	0.00	0.00	625.00
106	-3146	-3162	-3488	-3472	PP	G	0.00	0.00	625.00
106	-3472	-3488	-3800	-3784	PP	G	0.00	0.00	625.00
106	-1898	-1902	-2228	-2224	PP	G	0.00	0.00	625.00
106	-2224	-2228	-2554	-2550	PP	G	0.00	0.00	625.00
106	-2550	-2554	-2880	-2876	PP	G	0.00	0.00	625.00
106	-2876	-2880	-3206	-3202	PP	G	0.00	0.00	625.00
106	-3202	-3206	-3532	-3528	PP	G	0.00	0.00	625.00
106	-3528	-3532	-3842	-3838	PP	G	0.00	0.00	625.00

106	-1157	-1196	-1906	-1902	PP	G	0.00	0.00	625.00
106	-1902	-1906	-2232	-2228	PP	G	0.00	0.00	625.00
106	-2228	-2232	-2558	-2554	PP	G	0.00	0.00	625.00
106	-2554	-2558	-2884	-2880	PP	G	0.00	0.00	625.00
106	-2880	-2884	-3210	-3206	PP	G	0.00	0.00	625.00
106	-848	-887	-1862	-1858	PP	G	0.00	0.00	625.00
106	-575	-614	-1822	-1818	PP	G	0.00	0.00	625.00
106	-1118	-1157	-1902	-1898	PP	G	0.00	0.00	625.00
106	-1906	-1925	-2251	-2232	PP	G	0.00	0.00	625.00
106	-2232	-2251	-2577	-2558	PP	G	0.00	0.00	625.00
106	-2558	-2577	-2903	-2884	PP	G	0.00	0.00	625.00
106	-2884	-2903	-3229	-3210	PP	G	0.00	0.00	625.00
106	-3210	-3229	-3555	-3536	PP	G	0.00	0.00	625.00
106	-3536	-3555	35	-3846	PP	G	0.00	0.00	625.00
106	-3182	-3186	-3512	-3508	PP	G	0.00	0.00	625.00
106	-3508	-3512	-3822	-3818	PP	G	0.00	0.00	625.00
106	-1079	-1118	-1898	-1882	PP	G	0.00	0.00	625.00
106	-1882	-1898	-2224	-2208	PP	G	0.00	0.00	625.00
106	-2208	-2224	-2550	-2534	PP	G	0.00	0.00	625.00
106	-2534	-2550	-2876	-2860	PP	G	0.00	0.00	625.00
106	-2860	-2876	-3202	-3186	PP	G	0.00	0.00	625.00
106	-3186	-3202	-3528	-3512	PP	G	0.00	0.00	625.00
106	-145	-180	-1754	-1753	PP	G	0.00	0.00	625.00
106	-1925	-1926	-2252	-2251	PP	G	0.00	0.00	625.00
106	-2251	-2252	-2578	-2577	PP	G	0.00	0.00	625.00
106	-2577	-2578	-2904	-2903	PP	G	0.00	0.00	625.00
106	-2903	-2904	-3230	-3229	PP	G	0.00	0.00	625.00
106	-3229	-3230	-3556	-3555	PP	G	0.00	0.00	625.00
106	-3555	-3556	-3864	35	PP	G	0.00	0.00	625.00
106	-1251	-1305	-1931	-1926	PP	G	0.00	0.00	625.00
106	-1926	-1931	-2257	-2252	PP	G	0.00	0.00	625.00
106	-2252	-2257	-2583	-2578	PP	G	0.00	0.00	625.00
106	-2578	-2583	-2909	-2904	PP	G	0.00	0.00	625.00
106	-2904	-2909	-3235	-3230	PP	G	0.00	0.00	625.00
106	-3230	-3235	-3561	-3556	PP	G	0.00	0.00	625.00
106	-3556	-3561	-3869	-3864	PP	G	0.00	0.00	625.00
106	-1305	-1359	-1936	-1931	PP	G	0.00	0.00	625.00
106	-1931	-1936	-2262	-2257	PP	G	0.00	0.00	625.00
106	-2257	-2262	-2588	-2583	PP	G	0.00	0.00	625.00
106	-2583	-2588	-2914	-2909	PP	G	0.00	0.00	625.00
106	-2909	-2914	-3240	-3235	PP	G	0.00	0.00	625.00
106	-3235	-3240	-3566	-3561	PP	G	0.00	0.00	625.00
106	-3561	-3566	-3874	-3869	PP	G	0.00	0.00	625.00
106	-1359	-1413	-1941	-1936	PP	G	0.00	0.00	625.00
106	-1936	-1941	-2267	-2262	PP	G	0.00	0.00	625.00
106	-2262	-2267	-2593	-2588	PP	G	0.00	0.00	625.00
106	-770	-809	-1842	-1838	PP	G	0.00	0.00	625.00
106	-1838	-1842	-2168	-2164	PP	G	0.00	0.00	625.00
106	-1794	-1798	-2124	-2120	PP	G	0.00	0.00	625.00
106	-2120	-2124	-2450	-2446	PP	G	0.00	0.00	625.00
106	-2446	-2450	-2776	-2772	PP	G	0.00	0.00	625.00
106	-2772	-2776	-3102	-3098	PP	G	0.00	0.00	625.00
106	-3098	-3102	-3428	-3424	PP	G	0.00	0.00	625.00
106	-3424	-3428	-3740	28	PP	G	0.00	0.00	625.00
106	-497	-536	-1802	-1798	PP	G	0.00	0.00	625.00
106	-1798	-1802	-2128	-2124	PP	G	0.00	0.00	625.00
106	-2124	-2128	-2454	-2450	PP	G	0.00	0.00	625.00
106	-2450	-2454	-2780	-2776	PP	G	0.00	0.00	625.00
106	-2776	-2780	-3106	-3102	PP	G	0.00	0.00	625.00
106	-3102	-3106	-3432	-3428	PP	G	0.00	0.00	625.00
106	-3428	-3432	-3744	-3740	PP	G	0.00	0.00	625.00
106	-536	-575	-1818	-1802	PP	G	0.00	0.00	625.00
106	-1802	-1818	-2144	-2128	PP	G	0.00	0.00	625.00
106	-2128	-2144	-2470	-2454	PP	G	0.00	0.00	625.00
106	-2454	-2470	-2796	-2780	PP	G	0.00	0.00	625.00
106	-2780	-2796	-3122	-3106	PP	G	0.00	0.00	625.00
106	-3106	-3122	-3448	-3432	PP	G	0.00	0.00	625.00
106	-3432	-3448	-3760	-3744	PP	G	0.00	0.00	625.00
106	-1874	-1878	-2204	-2200	PP	G	0.00	0.00	625.00
106	-2200	-2204	-2530	-2526	PP	G	0.00	0.00	625.00
106	-2526	-2530	-2856	-2852	PP	G	0.00	0.00	625.00
106	-2852	-2856	-3182	-3178	PP	G	0.00	0.00	625.00
106	-1196	-1250	-1925	-1906	PP	G	0.00	0.00	625.00
106	-2442	-2446	-2772	-2768	PP	G	0.00	0.00	625.00
106	-2768	-2772	-3098	-3094	PP	G	0.00	0.00	625.00
106	-3094	-3098	-3424	-3420	PP	G	0.00	0.00	625.00
106	-2204	-2208	-2534	-2530	PP	G	0.00	0.00	625.00
106	-2530	-2534	-2860	-2856	PP	G	0.00	0.00	625.00
106	-2856	-2860	-3186	-3182	PP	G	0.00	0.00	625.00
106	-2424	-2430	-2756	-2750	PP	G	0.00	0.00	625.00
106	-2796	-2800	-3126	-3122	PP	G	0.00	0.00	625.00
106	-3122	-3126	-3452	-3448	PP	G	0.00	0.00	625.00

106	-3448	-3452	-3764	-3760	PP	G	0.00	0.00	625.00
106	-614	-653	-1826	-1822	PP	G	0.00	0.00	625.00
106	-1822	-1826	-2152	-2148	PP	G	0.00	0.00	625.00
106	-2148	-2152	-2478	-2474	PP	G	0.00	0.00	625.00
106	-2474	-2478	-2804	-2800	PP	G	0.00	0.00	625.00
106	-3512	-3528	-3838	-3822	PP	G	0.00	0.00	625.00
106	-3126	-3130	-3456	-3452	PP	G	0.00	0.00	625.00
106	-3452	-3456	-3768	-3764	PP	G	0.00	0.00	625.00
106	-653	-692	-1830	-1826	PP	G	0.00	0.00	625.00
106	-1826	-1830	-2156	-2152	PP	G	0.00	0.00	625.00
106	-2152	-2156	-2482	-2478	PP	G	0.00	0.00	625.00
106	-2478	-2482	-2808	-2804	PP	G	0.00	0.00	625.00
106	-2804	-2808	-3134	-3130	PP	G	0.00	0.00	625.00
106	-3130	-3134	-3460	-3456	PP	G	0.00	0.00	625.00
106	-3456	-3460	-3772	-3768	PP	G	0.00	0.00	625.00
106	-692	-731	-1834	-1830	PP	G	0.00	0.00	625.00
106	-1830	-1834	-2160	-2156	PP	G	0.00	0.00	625.00
106	-2156	-2160	-2486	-2482	PP	G	0.00	0.00	625.00
106	-2482	-2486	-2812	-2808	PP	G	0.00	0.00	625.00
106	-2808	-2812	-3138	-3134	PP	G	0.00	0.00	625.00
106	-3134	-3138	-3464	-3460	PP	G	0.00	0.00	625.00
106	-3460	-3464	-3776	-3772	PP	G	0.00	0.00	625.00
106	-731	-770	-1838	-1834	PP	G	0.00	0.00	625.00
106	-1834	-1838	-2164	-2160	PP	G	0.00	0.00	625.00
106	-2160	-2164	-2490	-2486	PP	G	0.00	0.00	625.00
106	-2486	-2490	-2816	-2812	PP	G	0.00	0.00	625.00
106	-2812	-2816	-3142	-3138	PP	G	0.00	0.00	625.00
106	-3138	-3142	-3468	-3464	PP	G	0.00	0.00	625.00
106	-3464	-3468	-3780	-3776	PP	G	0.00	0.00	625.00
106	-2098	-2104	-2430	-2424	PP	G	0.00	0.00	625.00
106	-2750	-2756	-3082	-3076	PP	G	0.00	0.00	625.00
106	-2164	-2168	-2494	-2490	PP	G	0.00	0.00	625.00
106	-2490	-2494	-2820	-2816	PP	G	0.00	0.00	625.00
106	-2816	-2820	-3146	-3142	PP	G	0.00	0.00	625.00
106	-3468	-3472	-3784	-3780	PP	G	0.00	0.00	625.00
106	-2430	-2434	-2760	-2756	PP	G	0.00	0.00	625.00
106	-2756	-2760	-3086	-3082	PP	G	0.00	0.00	625.00
106	-3082	-3086	-3412	-3408	PP	G	0.00	0.00	625.00
106	-3408	-3412	-3726	-3722	PP	G	0.00	0.00	625.00
106	-344	-383	-1786	-1782	PP	G	0.00	0.00	625.00
106	-1782	-1786	-2112	-2108	PP	G	0.00	0.00	625.00
106	-2108	-2112	-2438	-2434	PP	G	0.00	0.00	625.00
106	-2434	-2438	-2764	-2760	PP	G	0.00	0.00	625.00
106	-2760	-2764	-3090	-3086	PP	G	0.00	0.00	625.00
106	-3086	-3090	-3416	-3412	PP	G	0.00	0.00	625.00
106	-3412	-3416	-3730	-3726	PP	G	0.00	0.00	625.00
106	-383	-422	-1790	-1786	PP	G	0.00	0.00	625.00
106	-1786	-1790	-2116	-2112	PP	G	0.00	0.00	625.00
106	-2112	-2116	-2442	-2438	PP	G	0.00	0.00	625.00
106	-2438	-2442	-2768	-2764	PP	G	0.00	0.00	625.00
106	-2764	-2768	-3094	-3090	PP	G	0.00	0.00	625.00
106	-3090	-3094	-3420	-3416	PP	G	0.00	0.00	625.00
106	-3416	-3420	-3734	-3730	PP	G	0.00	0.00	625.00
106	-3206	-3210	-3536	-3532	PP	G	0.00	0.00	625.00
106	-3532	-3536	-3846	-3842	PP	G	0.00	0.00	625.00
106	-2116	-2120	-2446	-2442	PP	G	0.00	0.00	625.00
106	-1790	-1794	-2120	-2116	PP	G	0.00	0.00	625.00
106	-1862	-1866	-2192	-2188	PP	G	0.00	0.00	625.00
106	-2188	-2192	-2518	-2514	PP	G	0.00	0.00	625.00
106	-3420	-3424	28	-3734	PP	G	0.00	0.00	625.00
106	-1772	-1778	-2104	-2098	PP	G	0.00	0.00	625.00
106	-3166	-3170	-3496	-3492	PP	G	0.00	0.00	625.00
106	-3492	-3496	-3808	-3804	PP	G	0.00	0.00	625.00
106	-926	-965	-1870	-1866	PP	G	0.00	0.00	625.00
106	-3076	-3082	-3408	-3402	PP	G	0.00	0.00	625.00
106	-3402	-3408	-3722	-3717	PP	G	0.00	0.00	625.00
106	-303	-344	-1782	-1778	PP	G	0.00	0.00	625.00
106	-2104	-2108	-2434	-2430	PP	G	0.00	0.00	625.00
106	-2510	-2514	-2840	-2836	PP	G	0.00	0.00	625.00
106	-2836	-2840	-3166	-3162	PP	G	0.00	0.00	625.00
106	-2800	-2804	-3130	-3126	PP	G	0.00	0.00	625.00
106	-3488	-3492	-3804	-3800	PP	G	0.00	0.00	625.00
106	-887	-926	-1866	-1862	PP	G	0.00	0.00	625.00
106	-2192	-2196	-2522	-2518	PP	G	0.00	0.00	625.00
106	-2518	-2522	-2848	-2844	PP	G	0.00	0.00	625.00
106	-2514	-2518	-2844	-2840	PP	G	0.00	0.00	625.00
106	-2840	-2844	-3170	-3166	PP	G	0.00	0.00	625.00
106	-3496	-3500	-3812	-3808	PP	G	0.00	0.00	625.00
106	-965	10	-1874	-1870	PP	G	0.00	0.00	625.00
106	-1870	-1874	-2200	-2196	PP	G	0.00	0.00	625.00
106	-1866	-1870	-2196	-2192	PP	G	0.00	0.00	625.00
106	-2844	-2848	-3174	-3170	PP	G	0.00	0.00	625.00

106	-3162	-3166	-3492	-3488	PP	G	0.00	0.00	625.00
106	-422	6	-1794	-1790	PP	G	0.00	0.00	625.00
106	-3170	-3174	-3500	-3496	PP	G	0.00	0.00	625.00
106	-3058	-3060	-3386	-3384	PP	G	0.00	0.00	625.00
106	-1778	-1782	-2108	-2104	PP	G	0.00	0.00	625.00
107	-3982	-3989	-4009	-4002	PP	G	0.00	0.00	750.00
107	-4002	-4009	-4029	-4022	PP	G	0.00	0.00	750.00
107	-4082	-4089	-4109	-4102	PP	G	0.00	0.00	750.00
107	-4100	-4102	-4119	-4117	PP	G	0.00	0.00	750.00
107	-4080	-4082	-4102	-4100	PP	G	0.00	0.00	750.00
107	-3962	-3969	-3989	-3982	PP	G	0.00	0.00	750.00
107	-4062	-4069	-4089	-4082	PP	G	0.00	0.00	750.00
107	-3956	-3958	-3978	-3976	PP	G	0.00	0.00	750.00
107	-4102	-4109	119	-4119	PP	G	0.00	0.00	750.00
107	-3895	-3898	-3962	-3960	PP	G	0.00	0.00	750.00
107	-3996	-3998	-4018	-4016	PP	G	0.00	0.00	750.00
107	-4016	-4018	-4038	-4036	PP	G	0.00	0.00	750.00
107	-3898	48	-3969	-3962	PP	G	0.00	0.00	750.00
107	-4042	-4049	-4069	-4062	PP	G	0.00	0.00	750.00
107	36	-3892	-3958	-3956	PP	G	0.00	0.00	750.00
107	-3269	-3320	-3646	-3595	PP	G	0.00	0.00	750.00
107	-3976	-3978	-3998	-3996	PP	G	0.00	0.00	750.00
107	-3958	-3960	-3980	-3978	PP	G	0.00	0.00	750.00
107	-3978	-3980	-4000	-3998	PP	G	0.00	0.00	750.00
107	-3998	-4000	-4020	-4018	PP	G	0.00	0.00	750.00
107	-4018	-4020	-4040	-4038	PP	G	0.00	0.00	750.00
107	-4038	-4040	-4060	-4058	PP	G	0.00	0.00	750.00
107	-4058	-4060	-4080	-4078	PP	G	0.00	0.00	750.00
107	-4078	-4080	-4100	-4098	PP	G	0.00	0.00	750.00
107	-4098	-4100	-4117	-4115	PP	G	0.00	0.00	750.00
107	-2937	-2940	-3266	-3263	PP	G	0.00	0.00	750.00
107	-3960	-3962	-3982	-3980	PP	G	0.00	0.00	750.00
107	-3980	-3982	-4002	-4000	PP	G	0.00	0.00	750.00
107	-4036	-4038	-4058	-4056	PP	G	0.00	0.00	750.00
107	-4020	-4022	-4042	-4040	PP	G	0.00	0.00	750.00
107	-4040	-4042	-4062	-4060	PP	G	0.00	0.00	750.00
107	-4060	-4062	-4082	-4080	PP	G	0.00	0.00	750.00
107	-3892	-3895	-3960	-3958	PP	G	0.00	0.00	750.00
107	-1413	-1468	-1959	-1941	PP	G	0.00	0.00	750.00
107	-1578	-1685	-2016	-1965	PP	G	0.00	0.00	750.00
107	-1965	-2016	-2342	-2291	PP	G	0.00	0.00	750.00
107	-2291	-2342	-2668	-2617	PP	G	0.00	0.00	750.00
107	-4022	-4029	-4049	-4042	PP	G	0.00	0.00	750.00
107	-3595	-3646	48	-3898	PP	G	0.00	0.00	750.00
107	-2285	-2288	-2614	-2611	PP	G	0.00	0.00	750.00
107	-2611	-2614	-2940	-2937	PP	G	0.00	0.00	750.00
107	-4056	-4058	-4078	-4076	PP	G	0.00	0.00	750.00
107	-3263	-3266	-3592	-3589	PP	G	0.00	0.00	750.00
107	-3589	-3592	-3895	-3892	PP	G	0.00	0.00	750.00
107	-1523	-1578	-1965	-1962	PP	G	0.00	0.00	750.00
107	-4000	-4002	-4022	-4020	PP	G	0.00	0.00	750.00
107	-2288	-2291	-2617	-2614	PP	G	0.00	0.00	750.00
107	-4096	-4098	-4115	115	PP	G	0.00	0.00	750.00
107	-2267	-2285	-2611	-2593	PP	G	0.00	0.00	750.00
107	-3266	-3269	-3595	-3592	PP	G	0.00	0.00	750.00
107	-4076	-4078	-4098	-4096	PP	G	0.00	0.00	750.00
107	-3245	-3263	-3589	-3571	PP	G	0.00	0.00	750.00
107	-3571	-3589	-3892	36	PP	G	0.00	0.00	750.00
107	-1468	-1523	-1962	-1959	PP	G	0.00	0.00	750.00
107	-1959	-1962	-2288	-2285	PP	G	0.00	0.00	750.00
107	-2614	-2617	-2943	-2940	PP	G	0.00	0.00	750.00
107	-2940	-2943	-3269	-3266	PP	G	0.00	0.00	750.00
107	-2617	-2668	-2994	-2943	PP	G	0.00	0.00	750.00
107	-3592	-3595	-3898	-3895	PP	G	0.00	0.00	750.00
107	-2919	-2937	-3263	-3245	PP	G	0.00	0.00	750.00
107	-1962	-1965	-2291	-2288	PP	G	0.00	0.00	750.00
107	-1941	-1959	-2285	-2267	PP	G	0.00	0.00	750.00
107	-2593	-2611	-2937	-2919	PP	G	0.00	0.00	750.00
107	-2943	-2994	-3320	-3269	PP	G	0.00	0.00	750.00
108	-3018	-3052	-3378	-3344	PP	G	0.00	0.00	625.00
108	-2692	-2726	-3052	-3018	PP	G	0.00	0.00	625.00
108	-1748	-1752	-2078	-2074	PP	G	0.00	0.00	625.00
108	-66	-107	-1752	-1748	PP	G	0.00	0.00	625.00
108	-2040	-2074	-2400	-2366	PP	G	0.00	0.00	625.00
108	-2074	-2078	-2404	-2400	PP	G	0.00	0.00	625.00
108	1	-66	-1748	-1714	PP	G	0.00	0.00	625.00
108	-2366	-2400	-2726	-2692	PP	G	0.00	0.00	625.00
108	-3052	-3056	-3382	-3378	PP	G	0.00	0.00	625.00
108	-3378	-3382	22	-3696	PP	G	0.00	0.00	625.00
108	-3344	-3378	-3696	13	PP	G	0.00	0.00	625.00
108	-1714	-1748	-2074	-2040	PP	G	0.00	0.00	625.00
108	-2726	-2730	-3056	-3052	PP	G	0.00	0.00	625.00

108	-2400	-2404	-2730	-2726	PP	G	0.00	0.00	625.00
109	-3453	-3457	-3769	-3765	PP	G	0.00	0.00	625.00
109	-2801	-2805	-3131	-3127	PP	G	0.00	0.00	625.00
109	-3127	-3131	-3457	-3453	PP	G	0.00	0.00	625.00
109	-3469	-3473	-3785	-3781	PP	G	0.00	0.00	625.00
109	-2475	-2479	-2805	-2801	PP	G	0.00	0.00	625.00
109	-1839	-1843	-2169	-2165	PP	G	0.00	0.00	625.00
109	-693	-732	-1835	-1831	PP	G	0.00	0.00	625.00
109	-1831	-1835	-2161	-2157	PP	G	0.00	0.00	625.00
109	-2157	-2161	-2487	-2483	PP	G	0.00	0.00	625.00
109	-2483	-2487	-2813	-2809	PP	G	0.00	0.00	625.00
109	-3143	-3147	-3473	-3469	PP	G	0.00	0.00	625.00
109	-3135	-3139	-3465	-3461	PP	G	0.00	0.00	625.00
109	-3461	-3465	-3777	-3773	PP	G	0.00	0.00	625.00
109	-732	-771	-1839	-1835	PP	G	0.00	0.00	625.00
109	-1835	-1839	-2165	-2161	PP	G	0.00	0.00	625.00
109	-2161	-2165	-2491	-2487	PP	G	0.00	0.00	625.00
109	-654	-693	-1831	-1827	PP	G	0.00	0.00	625.00
109	-2813	-2817	-3143	-3139	PP	G	0.00	0.00	625.00
109	-2809	-2813	-3139	-3135	PP	G	0.00	0.00	625.00
109	-3465	-3469	-3781	-3777	PP	G	0.00	0.00	625.00
109	-771	-810	-1843	-1839	PP	G	0.00	0.00	625.00
109	-2435	-2439	-2765	-2761	PP	G	0.00	0.00	625.00
109	-2165	-2169	-2495	-2491	PP	G	0.00	0.00	625.00
109	-3087	-3091	-3417	-3413	PP	G	0.00	0.00	625.00
109	-2491	-2495	-2821	-2817	PP	G	0.00	0.00	625.00
109	-2817	-2821	-3147	-3143	PP	G	0.00	0.00	625.00
109	-1002	-1041	-1879	-1875	PP	G	0.00	0.00	625.00
109	-1875	-1879	-2205	-2201	PP	G	0.00	0.00	625.00
109	-615	-654	-1827	-1823	PP	G	0.00	0.00	625.00
109	-1823	-1827	-2153	-2149	PP	G	0.00	0.00	625.00
109	-2149	-2153	-2479	-2475	PP	G	0.00	0.00	625.00
109	-3179	-3183	-3509	-3505	PP	G	0.00	0.00	625.00
109	-3505	-3509	-3819	-3815	PP	G	0.00	0.00	625.00
109	-1827	-1831	-2157	-2153	PP	G	0.00	0.00	625.00
109	-3139	-3143	-3469	-3465	PP	G	0.00	0.00	625.00
109	-2479	-2483	-2809	-2805	PP	G	0.00	0.00	625.00
109	-3131	-3135	-3461	-3457	PP	G	0.00	0.00	625.00
109	-3457	-3461	-3773	-3769	PP	G	0.00	0.00	625.00
109	-2101	-2105	-2431	-2427	PP	G	0.00	0.00	625.00
109	-2427	-2431	-2757	-2753	PP	G	0.00	0.00	625.00
109	-2753	-2757	-3083	-3079	PP	G	0.00	0.00	625.00
109	-3079	-3083	-3409	-3405	PP	G	0.00	0.00	625.00
109	-3405	-3409	-3723	25	PP	G	0.00	0.00	625.00
109	-306	-345	-1783	-1779	PP	G	0.00	0.00	625.00
109	-1779	-1783	-2109	-2105	PP	G	0.00	0.00	625.00
109	-2105	-2109	-2435	-2431	PP	G	0.00	0.00	625.00
109	-2431	-2435	-2761	-2757	PP	G	0.00	0.00	625.00
109	-2757	-2761	-3087	-3083	PP	G	0.00	0.00	625.00
109	-2487	-2491	-2817	-2813	PP	G	0.00	0.00	625.00
109	-3409	-3413	-3727	-3723	PP	G	0.00	0.00	625.00
109	-345	-384	-1787	-1783	PP	G	0.00	0.00	625.00
109	-1783	-1787	-2113	-2109	PP	G	0.00	0.00	625.00
109	-2109	-2113	-2439	-2435	PP	G	0.00	0.00	625.00
109	-1326	-1380	-1938	-1933	PP	G	0.00	0.00	625.00
109	-2761	-2765	-3091	-3087	PP	G	0.00	0.00	625.00
109	-2259	-2264	-2590	-2585	PP	G	0.00	0.00	625.00
109	-2585	-2590	-2916	-2911	PP	G	0.00	0.00	625.00
109	-3413	-3417	-3731	-3727	PP	G	0.00	0.00	625.00
109	-384	4	-1791	-1787	PP	G	0.00	0.00	625.00
109	-1787	-1791	-2117	-2113	PP	G	0.00	0.00	625.00
109	-2113	-2117	-2443	-2439	PP	G	0.00	0.00	625.00
109	-2439	-2443	-2769	-2765	PP	G	0.00	0.00	625.00
109	-2765	-2769	-3095	-3091	PP	G	0.00	0.00	625.00
109	-3091	-3095	-3421	-3417	PP	G	0.00	0.00	625.00
109	-3417	-3421	26	-3731	PP	G	0.00	0.00	625.00
109	-1041	-1080	-1883	-1879	PP	G	0.00	0.00	625.00
109	-1879	-1883	-2209	-2205	PP	G	0.00	0.00	625.00
109	-2205	-2209	-2535	-2531	PP	G	0.00	0.00	625.00
109	-2805	-2809	-3135	-3131	PP	G	0.00	0.00	625.00
109	-1775	-1779	-2105	-2101	PP	G	0.00	0.00	625.00
109	-3183	-3187	-3513	-3509	PP	G	0.00	0.00	625.00
109	-3509	-3513	-3823	-3819	PP	G	0.00	0.00	625.00
109	-1922	-1928	-2254	-2248	PP	G	0.00	0.00	625.00
109	-2248	-2254	-2580	-2574	PP	G	0.00	0.00	625.00
109	-2574	-2580	-2906	-2900	PP	G	0.00	0.00	625.00
109	-2900	-2906	-3232	-3226	PP	G	0.00	0.00	625.00
109	-3226	-3232	-3558	-3552	PP	G	0.00	0.00	625.00
109	-3552	-3558	-3866	34	PP	G	0.00	0.00	625.00
109	-1272	-1326	-1933	-1928	PP	G	0.00	0.00	625.00
109	-1928	-1933	-2259	-2254	PP	G	0.00	0.00	625.00
109	-3083	-3087	-3413	-3409	PP	G	0.00	0.00	625.00

109	-2580	-2585	-2911	-2906	PP	G	0.00	0.00	625.00
109	-2906	-2911	-3237	-3232	PP	G	0.00	0.00	625.00
109	-3232	-3237	-3563	-3558	PP	G	0.00	0.00	625.00
109	-3558	-3563	-3871	-3866	PP	G	0.00	0.00	625.00
109	-1871	-1875	-2201	-2197	PP	G	0.00	0.00	625.00
109	-1933	-1938	-2264	-2259	PP	G	0.00	0.00	625.00
109	-268	-306	-1779	-1775	PP	G	0.00	0.00	625.00
109	4	-459	-1795	-1791	PP	G	0.00	0.00	625.00
109	-3175	-3179	-3505	-3501	PP	G	0.00	0.00	625.00
109	-3501	-3505	-3815	30	PP	G	0.00	0.00	625.00
109	-3123	-3127	-3453	-3449	PP	G	0.00	0.00	625.00
109	-3449	-3453	-3765	-3761	PP	G	0.00	0.00	625.00
109	-2201	-2205	-2531	-2527	PP	G	0.00	0.00	625.00
109	-2527	-2531	-2857	-2853	PP	G	0.00	0.00	625.00
109	-2853	-2857	-3183	-3179	PP	G	0.00	0.00	625.00
109	-2590	-2596	-2922	-2916	PP	G	0.00	0.00	625.00
109	-2916	-2922	-3248	-3242	PP	G	0.00	0.00	625.00
109	-1791	-1795	-2121	-2117	PP	G	0.00	0.00	625.00
109	-2117	-2121	-2447	-2443	PP	G	0.00	0.00	625.00
109	-2531	-2535	-2861	-2857	PP	G	0.00	0.00	625.00
109	-2153	-2157	-2483	-2479	PP	G	0.00	0.00	625.00
109	-2857	-2861	-3187	-3183	PP	G	0.00	0.00	625.00
109	-2535	-2551	-2877	-2861	PP	G	0.00	0.00	625.00
109	-2861	-2877	-3203	-3187	PP	G	0.00	0.00	625.00
109	-3187	-3203	-3529	-3513	PP	G	0.00	0.00	625.00
109	-3513	-3529	-3839	-3823	PP	G	0.00	0.00	625.00
109	-1119	-1158	-1903	-1899	PP	G	0.00	0.00	625.00
109	-1899	-1903	-2229	-2225	PP	G	0.00	0.00	625.00
109	-2225	-2229	-2555	-2551	PP	G	0.00	0.00	625.00
109	-2551	-2555	-2881	-2877	PP	G	0.00	0.00	625.00
109	-2877	-2881	-3207	-3203	PP	G	0.00	0.00	625.00
109	-2254	-2259	-2585	-2580	PP	G	0.00	0.00	625.00
109	-3529	-3533	-3843	-3839	PP	G	0.00	0.00	625.00
109	-1158	-1212	-1922	-1903	PP	G	0.00	0.00	625.00
109	-1903	-1922	-2248	-2229	PP	G	0.00	0.00	625.00
109	-2229	-2248	-2574	-2555	PP	G	0.00	0.00	625.00
109	-2555	-2574	-2900	-2881	PP	G	0.00	0.00	625.00
109	-2881	-2900	-3226	-3207	PP	G	0.00	0.00	625.00
109	-3207	-3226	-3552	-3533	PP	G	0.00	0.00	625.00
109	-3533	-3552	34	-3843	PP	G	0.00	0.00	625.00
109	-1843	-1859	-2185	-2169	PP	G	0.00	0.00	625.00
109	-2911	-2916	-3242	-3237	PP	G	0.00	0.00	625.00
109	-3237	-3242	-3568	-3563	PP	G	0.00	0.00	625.00
109	-3563	-3568	-3876	-3871	PP	G	0.00	0.00	625.00
109	-1380	-1435	-1944	-1938	PP	G	0.00	0.00	625.00
109	-1938	-1944	-2270	-2264	PP	G	0.00	0.00	625.00
109	-2264	-2270	-2596	-2590	PP	G	0.00	0.00	625.00
109	-1212	-1272	-1928	-1922	PP	G	0.00	0.00	625.00
109	-1859	-1863	-2189	-2185	PP	G	0.00	0.00	625.00
109	-2185	-2189	-2515	-2511	PP	G	0.00	0.00	625.00
109	-3242	-3248	-3574	-3568	PP	G	0.00	0.00	625.00
109	-3568	-3574	38	-3876	PP	G	0.00	0.00	625.00
109	-1883	-1899	-2225	-2209	PP	G	0.00	0.00	625.00
109	-3095	-3099	-3425	-3421	PP	G	0.00	0.00	625.00
109	-3421	-3425	-3737	26	PP	G	0.00	0.00	625.00
109	-459	-498	-1799	-1795	PP	G	0.00	0.00	625.00
109	-1795	-1799	-2125	-2121	PP	G	0.00	0.00	625.00
109	-2121	-2125	-2451	-2447	PP	G	0.00	0.00	625.00
109	-2447	-2451	-2777	-2773	PP	G	0.00	0.00	625.00
109	-2773	-2777	-3103	-3099	PP	G	0.00	0.00	625.00
109	-3099	-3103	-3429	-3425	PP	G	0.00	0.00	625.00
109	-3425	-3429	-3741	-3737	PP	G	0.00	0.00	625.00
109	-498	-537	-1803	-1799	PP	G	0.00	0.00	625.00
109	-3203	-3207	-3533	-3529	PP	G	0.00	0.00	625.00
109	-2125	-2129	-2455	-2451	PP	G	0.00	0.00	625.00
109	-2451	-2455	-2781	-2777	PP	G	0.00	0.00	625.00
109	-2777	-2781	-3107	-3103	PP	G	0.00	0.00	625.00
109	-3103	-3107	-3433	-3429	PP	G	0.00	0.00	625.00
109	-3429	-3433	-3745	-3741	PP	G	0.00	0.00	625.00
109	-3433	-3449	-3761	-3745	PP	G	0.00	0.00	625.00
109	-2197	-2201	-2527	-2523	PP	G	0.00	0.00	625.00
109	-2523	-2527	-2853	-2849	PP	G	0.00	0.00	625.00
109	-2849	-2853	-3179	-3175	PP	G	0.00	0.00	625.00
109	-2471	-2475	-2801	-2797	PP	G	0.00	0.00	625.00
109	-2797	-2801	-3127	-3123	PP	G	0.00	0.00	625.00
109	-2495	-2511	-2837	-2821	PP	G	0.00	0.00	625.00
109	-2821	-2837	-3163	-3147	PP	G	0.00	0.00	625.00
109	-3147	-3163	-3489	-3473	PP	G	0.00	0.00	625.00
109	8	-1002	-1875	-1871	PP	G	0.00	0.00	625.00
109	-849	-888	-1863	-1859	PP	G	0.00	0.00	625.00
109	-1799	-1803	-2129	-2125	PP	G	0.00	0.00	625.00
109	-1803	-1819	-2145	-2129	PP	G	0.00	0.00	625.00

109	-2129	-2145	-2471	-2455	PP	G	0.00	0.00	625.00
109	-2511	-2515	-2841	-2837	PP	G	0.00	0.00	625.00
109	-2443	-2447	-2773	-2769	PP	G	0.00	0.00	625.00
109	-2769	-2773	-3099	-3095	PP	G	0.00	0.00	625.00
109	-2209	-2225	-2551	-2535	PP	G	0.00	0.00	625.00
109	-2841	-2845	-3171	-3167	PP	G	0.00	0.00	625.00
109	-3167	-3171	-3497	-3493	PP	G	0.00	0.00	625.00
109	-3493	-3497	-3809	-3805	PP	G	0.00	0.00	625.00
109	-927	8	-1871	-1867	PP	G	0.00	0.00	625.00
109	-1867	-1871	-2197	-2193	PP	G	0.00	0.00	625.00
109	-2193	-2197	-2523	-2519	PP	G	0.00	0.00	625.00
109	-2519	-2523	-2849	-2845	PP	G	0.00	0.00	625.00
109	-2845	-2849	-3175	-3171	PP	G	0.00	0.00	625.00
109	-3171	-3175	-3501	-3497	PP	G	0.00	0.00	625.00
109	-537	-576	-1819	-1803	PP	G	0.00	0.00	625.00
109	-3497	-3501	30	-3809	PP	G	0.00	0.00	625.00
109	-2169	-2185	-2511	-2495	PP	G	0.00	0.00	625.00
109	-2455	-2471	-2797	-2781	PP	G	0.00	0.00	625.00
109	-2781	-2797	-3123	-3107	PP	G	0.00	0.00	625.00
109	-3107	-3123	-3449	-3433	PP	G	0.00	0.00	625.00
109	-1080	-1119	-1899	-1883	PP	G	0.00	0.00	625.00
109	-810	-849	-1859	-1843	PP	G	0.00	0.00	625.00
109	-2189	-2193	-2519	-2515	PP	G	0.00	0.00	625.00
109	-576	-615	-1823	-1819	PP	G	0.00	0.00	625.00
109	-1819	-1823	-2149	-2145	PP	G	0.00	0.00	625.00
109	-2145	-2149	-2475	-2471	PP	G	0.00	0.00	625.00
109	-2837	-2841	-3167	-3163	PP	G	0.00	0.00	625.00
109	-3163	-3167	-3493	-3489	PP	G	0.00	0.00	625.00
109	-3473	-3489	-3801	-3785	PP	G	0.00	0.00	625.00
109	-1863	-1867	-2193	-2189	PP	G	0.00	0.00	625.00
109	-2515	-2519	-2845	-2841	PP	G	0.00	0.00	625.00
109	-888	-927	-1867	-1863	PP	G	0.00	0.00	625.00
109	-3489	-3493	-3805	-3801	PP	G	0.00	0.00	625.00
110	-3278	-3279	-3605	-3604	PP	G	0.00	0.00	625.00
110	-2300	-2301	-2627	-2626	PP	G	0.00	0.00	625.00
110	-2299	-2300	-2626	-2625	PP	G	0.00	0.00	625.00
110	-3612	-3613	41	-3915	PP	G	0.00	0.00	625.00
110	-1974	-1975	-2301	-2300	PP	G	0.00	0.00	625.00
110	-3277	-3278	-3604	-3603	PP	G	0.00	0.00	625.00
110	-2626	-2627	-2953	-2952	PP	G	0.00	0.00	625.00
110	-2952	-2953	-3279	-3278	PP	G	0.00	0.00	625.00
110	-3279	-3280	-3606	-3605	PP	G	0.00	0.00	625.00
110	-3605	-3606	-3909	-3908	PP	G	0.00	0.00	625.00
110	-1641	-1642	-1977	-1976	PP	G	0.00	0.00	625.00
110	-1639	-1640	-1975	-1974	PP	G	0.00	0.00	625.00
110	-2302	-2303	-2629	-2628	PP	G	0.00	0.00	625.00
110	-2628	-2629	-2955	-2954	PP	G	0.00	0.00	625.00
110	-3603	-3604	-3907	-3906	PP	G	0.00	0.00	625.00
110	-3280	-3281	-3607	-3606	PP	G	0.00	0.00	625.00
110	-3606	-3607	-3910	-3909	PP	G	0.00	0.00	625.00
110	-1642	-1643	-1978	-1977	PP	G	0.00	0.00	625.00
110	-1977	-1978	-2304	-2303	PP	G	0.00	0.00	625.00
110	-1976	-1977	-2303	-2302	PP	G	0.00	0.00	625.00
110	-2629	-2630	-2956	-2955	PP	G	0.00	0.00	625.00
110	-2955	-2956	-3282	-3281	PP	G	0.00	0.00	625.00
110	-3281	-3282	-3608	-3607	PP	G	0.00	0.00	625.00
110	-2953	-2954	-3280	-3279	PP	G	0.00	0.00	625.00
110	-3286	-3287	-3613	-3612	PP	G	0.00	0.00	625.00
110	-2973	-2974	-3300	-3299	PP	G	0.00	0.00	625.00
110	-3299	-3300	-3626	-3625	PP	G	0.00	0.00	625.00
110	-3625	-3626	-3927	-3926	PP	G	0.00	0.00	625.00
110	-2625	-2626	-2952	-2951	PP	G	0.00	0.00	625.00
110	-2951	-2952	-3278	-3277	PP	G	0.00	0.00	625.00
110	12	-1648	-1984	-1983	PP	G	0.00	0.00	625.00
110	-1651	-1652	-1988	-1987	PP	G	0.00	0.00	625.00
110	-2639	-2640	-2966	-2965	PP	G	0.00	0.00	625.00
110	-2965	-2966	-3292	-3291	PP	G	0.00	0.00	625.00
110	-3604	-3605	-3908	-3907	PP	G	0.00	0.00	625.00
110	-2303	-2304	-2630	-2629	PP	G	0.00	0.00	625.00
110	-1975	-1976	-2302	-2301	PP	G	0.00	0.00	625.00
110	-2301	-2302	-2628	-2627	PP	G	0.00	0.00	625.00
110	-2627	-2628	-2954	-2953	PP	G	0.00	0.00	625.00
110	-1640	-1641	-1976	-1975	PP	G	0.00	0.00	625.00
110	-2640	-2641	-2967	-2966	PP	G	0.00	0.00	625.00
110	-2966	-2967	-3293	-3292	PP	G	0.00	0.00	625.00
110	-3292	-3293	-3619	-3618	PP	G	0.00	0.00	625.00
110	-3618	-3619	-3920	-3919	PP	G	0.00	0.00	625.00
110	-1653	-1654	-1990	-1989	PP	G	0.00	0.00	625.00
110	-1989	-1990	-2316	-2315	PP	G	0.00	0.00	625.00
110	-2954	-2955	-3281	-3280	PP	G	0.00	0.00	625.00
110	-2641	-2642	-2968	-2967	PP	G	0.00	0.00	625.00
110	-2967	-2968	-3294	-3293	PP	G	0.00	0.00	625.00

110	-3293	-3294	-3620	-3619	PP	G	0.00	0.00	625.00
110	-3619	-3620	-3921	-3920	PP	G	0.00	0.00	625.00
110	-1654	-1655	-1991	-1990	PP	G	0.00	0.00	625.00
110	-1990	-1991	-2317	-2316	PP	G	0.00	0.00	625.00
110	-2316	-2317	-2643	-2642	PP	G	0.00	0.00	625.00
110	-2642	-2643	-2969	-2968	PP	G	0.00	0.00	625.00
110	-2968	-2969	-3295	-3294	PP	G	0.00	0.00	625.00
110	-3607	-3608	-3911	-3910	PP	G	0.00	0.00	625.00
110	-1643	-1644	-1979	-1978	PP	G	0.00	0.00	625.00
110	-1978	-1979	-2305	-2304	PP	G	0.00	0.00	625.00
110	-2304	-2305	-2631	-2630	PP	G	0.00	0.00	625.00
110	-2630	-2631	-2957	-2956	PP	G	0.00	0.00	625.00
110	-2956	-2957	-3283	-3282	PP	G	0.00	0.00	625.00
110	-3282	-3283	-3609	-3608	PP	G	0.00	0.00	625.00
110	-3608	-3609	-3912	-3911	PP	G	0.00	0.00	625.00
110	-1664	-1665	-2001	-2000	PP	G	0.00	0.00	625.00
110	-3300	-3301	-3627	-3626	PP	G	0.00	0.00	625.00
110	-3626	-3627	-3928	-3927	PP	G	0.00	0.00	625.00
110	-3291	-3292	-3618	-3617	PP	G	0.00	0.00	625.00
110	-3617	-3618	-3919	42	PP	G	0.00	0.00	625.00
110	-1652	-1653	-1989	-1988	PP	G	0.00	0.00	625.00
110	-1988	-1989	-2315	-2314	PP	G	0.00	0.00	625.00
110	-2957	-2958	-3284	-3283	PP	G	0.00	0.00	625.00
110	-3283	-3284	-3610	-3609	PP	G	0.00	0.00	625.00
110	-3609	-3610	-3913	-3912	PP	G	0.00	0.00	625.00
110	-1645	-1646	-1981	-1980	PP	G	0.00	0.00	625.00
110	-1980	-1981	-2307	-2306	PP	G	0.00	0.00	625.00
110	-2306	-2307	-2633	-2632	PP	G	0.00	0.00	625.00
110	-2632	-2633	-2959	-2958	PP	G	0.00	0.00	625.00
110	-2315	-2316	-2642	-2641	PP	G	0.00	0.00	625.00
110	-3284	-3285	-3611	-3610	PP	G	0.00	0.00	625.00
110	-3610	-3611	-3914	-3913	PP	G	0.00	0.00	625.00
110	-1646	-1647	-1982	-1981	PP	G	0.00	0.00	625.00
110	-1981	-1982	-2308	-2307	PP	G	0.00	0.00	625.00
110	-2307	-2308	-2634	-2633	PP	G	0.00	0.00	625.00
110	-3611	-3612	-3915	-3914	PP	G	0.00	0.00	625.00
110	-1647	12	-1983	-1982	PP	G	0.00	0.00	625.00
110	-1982	-1983	-2309	-2308	PP	G	0.00	0.00	625.00
110	-2308	-2309	-2635	-2634	PP	G	0.00	0.00	625.00
110	-2634	-2635	-2961	-2960	PP	G	0.00	0.00	625.00
110	-2960	-2961	-3287	-3286	PP	G	0.00	0.00	625.00
110	-1638	-1639	-1974	-1973	PP	G	0.00	0.00	625.00
110	-1973	-1974	-2300	-2299	PP	G	0.00	0.00	625.00
110	-1986	-1987	-2313	-2312	PP	G	0.00	0.00	625.00
110	-2312	-2313	-2639	-2638	PP	G	0.00	0.00	625.00
110	-2638	-2639	-2965	-2964	PP	G	0.00	0.00	625.00
110	-2964	-2965	-3291	-3290	PP	G	0.00	0.00	625.00
110	-3290	-3291	-3617	-3616	PP	G	0.00	0.00	625.00
110	-3616	-3617	42	-3918	PP	G	0.00	0.00	625.00
110	-1987	-1988	-2314	-2313	PP	G	0.00	0.00	625.00
110	-2313	-2314	-2640	-2639	PP	G	0.00	0.00	625.00
110	-1661	-1662	-1998	-1997	PP	G	0.00	0.00	625.00
110	-1997	-1998	-2324	-2323	PP	G	0.00	0.00	625.00
110	-2323	-2324	-2650	-2649	PP	G	0.00	0.00	625.00
110	-2649	-2650	-2976	-2975	PP	G	0.00	0.00	625.00
110	-2975	-2976	-3302	-3301	PP	G	0.00	0.00	625.00
110	-3301	-3302	-3628	-3627	PP	G	0.00	0.00	625.00
110	-2314	-2315	-2641	-2640	PP	G	0.00	0.00	625.00
110	-1662	-1663	-1999	-1998	PP	G	0.00	0.00	625.00
110	-1998	-1999	-2325	-2324	PP	G	0.00	0.00	625.00
110	-2324	-2325	-2651	-2650	PP	G	0.00	0.00	625.00
110	-2650	-2651	-2977	-2976	PP	G	0.00	0.00	625.00
110	-2976	-2977	-3303	-3302	PP	G	0.00	0.00	625.00
110	-3302	-3303	-3629	-3628	PP	G	0.00	0.00	625.00
110	-3628	-3629	-3930	-3929	PP	G	0.00	0.00	625.00
110	-1663	-1664	-2000	-1999	PP	G	0.00	0.00	625.00
110	-1999	-2000	-2326	-2325	PP	G	0.00	0.00	625.00
110	-2325	-2326	-2652	-2651	PP	G	0.00	0.00	625.00
110	-2651	-2652	-2978	-2977	PP	G	0.00	0.00	625.00
110	-2977	-2978	-3304	-3303	PP	G	0.00	0.00	625.00
110	-3303	-3304	-3630	-3629	PP	G	0.00	0.00	625.00
110	-3629	-3630	43	-3930	PP	G	0.00	0.00	625.00
110	-3294	-3295	-3621	-3620	PP	G	0.00	0.00	625.00
110	-3620	-3621	-3922	-3921	PP	G	0.00	0.00	625.00
110	-1655	-1656	-1992	-1991	PP	G	0.00	0.00	625.00
110	-1991	-1992	-2318	-2317	PP	G	0.00	0.00	625.00
110	-2317	-2318	-2644	-2643	PP	G	0.00	0.00	625.00
110	-2643	-2644	-2970	-2969	PP	G	0.00	0.00	625.00
110	-2969	-2970	-3296	-3295	PP	G	0.00	0.00	625.00
110	-3295	-3296	-3622	-3621	PP	G	0.00	0.00	625.00
110	-3621	-3622	-3923	-3922	PP	G	0.00	0.00	625.00
110	-1656	-1657	-1993	-1992	PP	G	0.00	0.00	625.00

110	-1992	-1993	-2319	-2318	PP	G	0.00	0.00	625.00
110	-1644	-1645	-1980	-1979	PP	G	0.00	0.00	625.00
110	-1979	-1980	-2306	-2305	PP	G	0.00	0.00	625.00
110	-2305	-2306	-2632	-2631	PP	G	0.00	0.00	625.00
110	-2631	-2632	-2958	-2957	PP	G	0.00	0.00	625.00
110	-2970	-2971	-3297	-3296	PP	G	0.00	0.00	625.00
110	-3296	-3297	-3623	-3622	PP	G	0.00	0.00	625.00
110	-3622	-3623	-3924	-3923	PP	G	0.00	0.00	625.00
110	-1657	-1658	-1994	-1993	PP	G	0.00	0.00	625.00
110	-1993	-1994	-2320	-2319	PP	G	0.00	0.00	625.00
110	-2319	-2320	-2646	-2645	PP	G	0.00	0.00	625.00
110	-2645	-2646	-2972	-2971	PP	G	0.00	0.00	625.00
110	-2971	-2972	-3298	-3297	PP	G	0.00	0.00	625.00
110	-3297	-3298	-3624	-3623	PP	G	0.00	0.00	625.00
110	-3623	-3624	-3925	-3924	PP	G	0.00	0.00	625.00
110	-1658	-1659	-1995	-1994	PP	G	0.00	0.00	625.00
110	-1994	-1995	-2321	-2320	PP	G	0.00	0.00	625.00
110	-2320	-2321	-2647	-2646	PP	G	0.00	0.00	625.00
110	-2633	-2634	-2960	-2959	PP	G	0.00	0.00	625.00
110	-2959	-2960	-3286	-3285	PP	G	0.00	0.00	625.00
110	-3285	-3286	-3612	-3611	PP	G	0.00	0.00	625.00
110	-1995	-1996	-2322	-2321	PP	G	0.00	0.00	625.00
110	-2321	-2322	-2648	-2647	PP	G	0.00	0.00	625.00
110	-2647	-2648	-2974	-2973	PP	G	0.00	0.00	625.00
110	-3615	-3616	-3918	-3917	PP	G	0.00	0.00	625.00
110	-1650	-1651	-1987	-1986	PP	G	0.00	0.00	625.00
110	-2950	-2951	-3277	-3276	PP	G	0.00	0.00	625.00
110	-1660	-1661	-1997	-1996	PP	G	0.00	0.00	625.00
110	-1996	-1997	-2323	-2322	PP	G	0.00	0.00	625.00
110	-2322	-2323	-2649	-2648	PP	G	0.00	0.00	625.00
110	-2648	-2649	-2975	-2974	PP	G	0.00	0.00	625.00
110	-2974	-2975	-3301	-3300	PP	G	0.00	0.00	625.00
110	-1969	-1970	-2296	-2295	PP	G	0.00	0.00	625.00
110	-2295	-2296	-2622	-2621	PP	G	0.00	0.00	625.00
110	-2621	-2622	-2948	-2947	PP	G	0.00	0.00	625.00
110	-2947	-2948	-3274	-3273	PP	G	0.00	0.00	625.00
110	-2318	-2319	-2645	-2644	PP	G	0.00	0.00	625.00
110	-2644	-2645	-2971	-2970	PP	G	0.00	0.00	625.00
110	-2296	-2297	-2623	-2622	PP	G	0.00	0.00	625.00
110	-2622	-2623	-2949	-2948	PP	G	0.00	0.00	625.00
110	-3627	-3628	-3929	-3928	PP	G	0.00	0.00	625.00
110	-3274	-3275	-3601	-3600	PP	G	0.00	0.00	625.00
110	-3600	-3601	-3904	-3903	PP	G	0.00	0.00	625.00
110	-1636	-1637	-1972	-1971	PP	G	0.00	0.00	625.00
110	-1971	-1972	-2298	-2297	PP	G	0.00	0.00	625.00
110	-1633	-1634	-1969	-1968	PP	G	0.00	0.00	625.00
110	-2623	-2624	-2950	-2949	PP	G	0.00	0.00	625.00
110	-2949	-2950	-3276	-3275	PP	G	0.00	0.00	625.00
110	-3275	-3276	-3602	-3601	PP	G	0.00	0.00	625.00
110	-3601	-3602	-3905	-3904	PP	G	0.00	0.00	625.00
110	-1637	-1638	-1973	-1972	PP	G	0.00	0.00	625.00
110	-2646	-2647	-2973	-2972	PP	G	0.00	0.00	625.00
110	-2972	-2973	-3299	-3298	PP	G	0.00	0.00	625.00
110	-3298	-3299	-3625	-3624	PP	G	0.00	0.00	625.00
110	-3624	-3625	-3926	-3925	PP	G	0.00	0.00	625.00
110	-1659	-1660	-1996	-1995	PP	G	0.00	0.00	625.00
110	-3289	-3290	-3616	-3615	PP	G	0.00	0.00	625.00
110	-1968	-1969	-2295	-2294	PP	G	0.00	0.00	625.00
110	-2294	-2295	-2621	-2620	PP	G	0.00	0.00	625.00
110	-2620	-2621	-2947	-2946	PP	G	0.00	0.00	625.00
110	-2946	-2947	-3273	-3272	PP	G	0.00	0.00	625.00
110	-3272	-3273	-3599	-3598	PP	G	0.00	0.00	625.00
110	-3598	-3599	-3902	-3901	PP	G	0.00	0.00	625.00
110	-1634	-1635	-1970	-1969	PP	G	0.00	0.00	625.00
110	-3630	-3631	-3931	43	PP	G	0.00	0.00	625.00
110	-1665	-1666	-2002	-2001	PP	G	0.00	0.00	625.00
110	-2001	-2002	-2328	-2327	PP	G	0.00	0.00	625.00
110	-2327	-2328	-2654	-2653	PP	G	0.00	0.00	625.00
110	-2653	-2654	-2980	-2979	PP	G	0.00	0.00	625.00
110	-3273	-3274	-3600	-3599	PP	G	0.00	0.00	625.00
110	-1970	-1971	-2297	-2296	PP	G	0.00	0.00	625.00
110	-1983	-1984	-2310	-2309	PP	G	0.00	0.00	625.00
110	-2948	-2949	-3275	-3274	PP	G	0.00	0.00	625.00
110	-2635	-2636	-2962	-2961	PP	G	0.00	0.00	625.00
110	-2961	-2962	-3288	-3287	PP	G	0.00	0.00	625.00
110	-3287	-3288	-3614	-3613	PP	G	0.00	0.00	625.00
110	-3613	-3614	-3916	41	PP	G	0.00	0.00	625.00
110	-2297	-2298	-2624	-2623	PP	G	0.00	0.00	625.00
110	-1984	-1985	-2311	-2310	PP	G	0.00	0.00	625.00
110	-2310	-2311	-2637	-2636	PP	G	0.00	0.00	625.00
110	-2636	-2637	-2963	-2962	PP	G	0.00	0.00	625.00
110	-2962	-2963	-3289	-3288	PP	G	0.00	0.00	625.00

110	-3288	-3289	-3615	-3614	PP	G	0.00	0.00	625.00
110	-2958	-2959	-3285	-3284	PP	G	0.00	0.00	625.00
110	-1649	-1650	-1986	-1985	PP	G	0.00	0.00	625.00
110	-1985	-1986	-2312	-2311	PP	G	0.00	0.00	625.00
110	-2311	-2312	-2638	-2637	PP	G	0.00	0.00	625.00
110	-2637	-2638	-2964	-2963	PP	G	0.00	0.00	625.00
110	-2963	-2964	-3290	-3289	PP	G	0.00	0.00	625.00
110	-2298	-2299	-2625	-2624	PP	G	0.00	0.00	625.00
110	-2624	-2625	-2951	-2950	PP	G	0.00	0.00	625.00
110	-2000	-2001	-2327	-2326	PP	G	0.00	0.00	625.00
110	-3276	-3277	-3603	-3602	PP	G	0.00	0.00	625.00
110	-3602	-3603	-3906	-3905	PP	G	0.00	0.00	625.00
110	-2978	-2979	-3305	-3304	PP	G	0.00	0.00	625.00
110	-3304	-3305	-3631	-3630	PP	G	0.00	0.00	625.00
110	-1667	-1668	-2004	-2003	PP	G	0.00	0.00	625.00
110	-2003	-2004	-2330	-2329	PP	G	0.00	0.00	625.00
110	-2329	-2330	-2656	-2655	PP	G	0.00	0.00	625.00
110	-2655	-2656	-2982	-2981	PP	G	0.00	0.00	625.00
110	-3614	-3615	-3917	-3916	PP	G	0.00	0.00	625.00
110	-3307	-3308	-3634	-3633	PP	G	0.00	0.00	625.00
110	-2979	-2980	-3306	-3305	PP	G	0.00	0.00	625.00
110	-3305	-3306	-3632	-3631	PP	G	0.00	0.00	625.00
110	-2309	-2310	-2636	-2635	PP	G	0.00	0.00	625.00
110	-1666	-1667	-2003	-2002	PP	G	0.00	0.00	625.00
110	-2002	-2003	-2329	-2328	PP	G	0.00	0.00	625.00
110	-2328	-2329	-2655	-2654	PP	G	0.00	0.00	625.00
110	-2654	-2655	-2981	-2980	PP	G	0.00	0.00	625.00
110	-1648	-1649	-1985	-1984	PP	G	0.00	0.00	625.00
110	-3306	-3307	-3633	-3632	PP	G	0.00	0.00	625.00
110	-3632	-3633	-3933	-3932	PP	G	0.00	0.00	625.00
110	-3631	-3632	-3932	-3931	PP	G	0.00	0.00	625.00
110	-1972	-1973	-2299	-2298	PP	G	0.00	0.00	625.00
110	-3633	-3634	44	-3933	PP	G	0.00	0.00	625.00
110	-3599	-3600	-3903	-3902	PP	G	0.00	0.00	625.00
110	-2326	-2327	-2653	-2652	PP	G	0.00	0.00	625.00
110	-2981	-2982	-3308	-3307	PP	G	0.00	0.00	625.00
110	-1635	-1636	-1971	-1970	PP	G	0.00	0.00	625.00
110	-2652	-2653	-2979	-2978	PP	G	0.00	0.00	625.00
110	-2980	-2981	-3307	-3306	PP	G	0.00	0.00	625.00
111	-1671	-1672	-2008	-2007	PP	G	0.00	0.00	750.00
111	-4084	-4085	-4105	-4104	PP	G	0.00	0.00	750.00
111	-3964	-3965	-3985	-3984	PP	G	0.00	0.00	750.00
111	-1668	-1669	-2005	-2004	PP	G	0.00	0.00	750.00
111	-2007	-2008	-2334	-2333	PP	G	0.00	0.00	750.00
111	-2332	-2333	-2659	-2658	PP	G	0.00	0.00	750.00
111	-2658	-2659	-2985	-2984	PP	G	0.00	0.00	750.00
111	-2984	-2985	-3311	-3310	PP	G	0.00	0.00	750.00
111	-3636	-3637	-3936	-3935	PP	G	0.00	0.00	750.00
111	-4085	-4086	-4106	-4105	PP	G	0.00	0.00	750.00
111	-4105	-4106	-4122	-4121	PP	G	0.00	0.00	750.00
111	-2333	-2334	-2660	-2659	PP	G	0.00	0.00	750.00
111	-3310	-3311	-3637	-3636	PP	G	0.00	0.00	750.00
111	-2985	-2986	-3312	-3311	PP	G	0.00	0.00	750.00
111	-3311	-3312	-3638	-3637	PP	G	0.00	0.00	750.00
111	-3984	-3985	-4005	-4004	PP	G	0.00	0.00	750.00
111	-4106	-4107	-4123	-4122	PP	G	0.00	0.00	750.00
111	-3936	45	-3968	-3967	PP	G	0.00	0.00	750.00
111	-3635	-3636	-3935	-3934	PP	G	0.00	0.00	750.00
111	-3935	-3936	-3967	-3966	PP	G	0.00	0.00	750.00
111	-2659	-2660	-2986	-2985	PP	G	0.00	0.00	750.00
111	-4027	-4028	-4048	-4047	PP	G	0.00	0.00	750.00
111	-4047	-4048	-4068	-4067	PP	G	0.00	0.00	750.00
111	-4067	-4068	-4088	-4087	PP	G	0.00	0.00	750.00
111	-4087	-4088	-4108	-4107	PP	G	0.00	0.00	750.00
111	-4107	-4108	118	-4123	PP	G	0.00	0.00	750.00
111	-4104	-4105	-4121	117	PP	G	0.00	0.00	750.00
111	-3934	-3935	-3966	-3965	PP	G	0.00	0.00	750.00
111	-3966	-3967	-3987	-3986	PP	G	0.00	0.00	750.00
111	-3986	-3987	-4007	-4006	PP	G	0.00	0.00	750.00
111	-4006	-4007	-4027	-4026	PP	G	0.00	0.00	750.00
111	-4026	-4027	-4047	-4046	PP	G	0.00	0.00	750.00
111	-4004	-4005	-4025	-4024	PP	G	0.00	0.00	750.00
111	-4024	-4025	-4045	-4044	PP	G	0.00	0.00	750.00
111	-3967	-3968	-3988	-3987	PP	G	0.00	0.00	750.00
111	-3987	-3988	-4008	-4007	PP	G	0.00	0.00	750.00
111	-1670	-1671	-2007	-2006	PP	G	0.00	0.00	750.00
111	-2006	-2007	-2333	-2332	PP	G	0.00	0.00	750.00
111	-4005	-4006	-4026	-4025	PP	G	0.00	0.00	750.00
111	-4025	-4026	-4046	-4045	PP	G	0.00	0.00	750.00
111	-4045	-4046	-4066	-4065	PP	G	0.00	0.00	750.00
111	-4065	-4066	-4086	-4085	PP	G	0.00	0.00	750.00
111	-4044	-4045	-4065	-4064	PP	G	0.00	0.00	750.00

111	-4064	-4065	-4085	-4084	PP	G	0.00	0.00	750.00
111	-2005	-2006	-2332	-2331	PP	G	0.00	0.00	750.00
111	-4007	-4008	-4028	-4027	PP	G	0.00	0.00	750.00
111	-3985	-3986	-4006	-4005	PP	G	0.00	0.00	750.00
111	-2983	-2984	-3310	-3309	PP	G	0.00	0.00	750.00
111	-3637	-3638	45	-3936	PP	G	0.00	0.00	750.00
111	-4066	-4067	-4087	-4086	PP	G	0.00	0.00	750.00
111	-4086	-4087	-4107	-4106	PP	G	0.00	0.00	750.00
111	-2656	-2657	-2983	-2982	PP	G	0.00	0.00	750.00
111	-2982	-2983	-3309	-3308	PP	G	0.00	0.00	750.00
111	-3965	-3966	-3986	-3985	PP	G	0.00	0.00	750.00
111	-2331	-2332	-2658	-2657	PP	G	0.00	0.00	750.00
111	-2657	-2658	-2984	-2983	PP	G	0.00	0.00	750.00
111	44	-3934	-3965	-3964	PP	G	0.00	0.00	750.00
111	-2004	-2005	-2331	-2330	PP	G	0.00	0.00	750.00
111	-2330	-2331	-2657	-2656	PP	G	0.00	0.00	750.00
111	-3634	-3635	-3934	44	PP	G	0.00	0.00	750.00
111	-3309	-3310	-3636	-3635	PP	G	0.00	0.00	750.00
111	-3308	-3309	-3635	-3634	PP	G	0.00	0.00	750.00
111	-1669	-1670	-2006	-2005	PP	G	0.00	0.00	750.00
111	-4046	-4047	-4067	-4066	PP	G	0.00	0.00	750.00
112	-2986	-2987	-3313	-3312	PP	G	0.00	0.00	625.00
112	-2008	-2009	-2335	-2334	PP	G	0.00	0.00	625.00
112	-1672	-1673	-2009	-2008	PP	G	0.00	0.00	625.00
112	-3312	-3313	-3639	-3638	PP	G	0.00	0.00	625.00
112	-2334	-2335	-2661	-2660	PP	G	0.00	0.00	625.00
112	-2660	-2661	-2987	-2986	PP	G	0.00	0.00	625.00
112	-3638	-3639	46	45	PP	G	0.00	0.00	625.00
113	-2011	-2012	-2338	-2337	PP	G	0.00	0.00	625.00
113	-3640	-3641	-3937	47	PP	G	0.00	0.00	625.00
113	-2010	-2011	-2337	-2336	PP	G	0.00	0.00	625.00
113	-3314	-3315	-3641	-3640	PP	G	0.00	0.00	625.00
113	-3642	-3643	-3939	-3938	PP	G	0.00	0.00	625.00
113	-1682	-1683	-2014	-2013	PP	G	0.00	0.00	625.00
113	-2341	-2342	-2668	-2667	PP	G	0.00	0.00	625.00
113	-2337	-2338	-2664	-2663	PP	G	0.00	0.00	625.00
113	-2663	-2664	-2990	-2989	PP	G	0.00	0.00	625.00
113	-1680	-1681	-2012	-2011	PP	G	0.00	0.00	625.00
113	-2990	-2991	-3317	-3316	PP	G	0.00	0.00	625.00
113	-2336	-2337	-2663	-2662	PP	G	0.00	0.00	625.00
113	-2662	-2663	-2989	-2988	PP	G	0.00	0.00	625.00
113	-2988	-2989	-3315	-3314	PP	G	0.00	0.00	625.00
113	-1679	-1680	-2011	-2010	PP	G	0.00	0.00	625.00
113	-2667	-2668	-2994	-2993	PP	G	0.00	0.00	625.00
113	-2993	-2994	-3320	-3319	PP	G	0.00	0.00	625.00
113	-3319	-3320	-3646	-3645	PP	G	0.00	0.00	625.00
113	-3318	-3319	-3645	-3644	PP	G	0.00	0.00	625.00
113	-3316	-3317	-3643	-3642	PP	G	0.00	0.00	625.00
113	-1684	-1685	-2016	-2015	PP	G	0.00	0.00	625.00
113	-1683	-1684	-2015	-2014	PP	G	0.00	0.00	625.00
113	-2015	-2016	-2342	-2341	PP	G	0.00	0.00	625.00
113	-2013	-2014	-2340	-2339	PP	G	0.00	0.00	625.00
113	-2339	-2340	-2666	-2665	PP	G	0.00	0.00	625.00
113	-2665	-2666	-2992	-2991	PP	G	0.00	0.00	625.00
113	-2989	-2990	-3316	-3315	PP	G	0.00	0.00	625.00
113	-3644	-3645	-3941	-3940	PP	G	0.00	0.00	625.00
113	-3317	-3318	-3644	-3643	PP	G	0.00	0.00	625.00
113	-3643	-3644	-3940	-3939	PP	G	0.00	0.00	625.00
113	-2014	-2015	-2341	-2340	PP	G	0.00	0.00	625.00
113	-2340	-2341	-2667	-2666	PP	G	0.00	0.00	625.00
113	-2666	-2667	-2993	-2992	PP	G	0.00	0.00	625.00
113	-2664	-2665	-2991	-2990	PP	G	0.00	0.00	625.00
113	-2992	-2993	-3319	-3318	PP	G	0.00	0.00	625.00
113	-3645	-3646	48	-3941	PP	G	0.00	0.00	625.00
113	-3315	-3316	-3642	-3641	PP	G	0.00	0.00	625.00
113	-3641	-3642	-3938	-3937	PP	G	0.00	0.00	625.00
113	-1681	-1682	-2013	-2012	PP	G	0.00	0.00	625.00
113	-2012	-2013	-2339	-2338	PP	G	0.00	0.00	625.00
113	-2338	-2339	-2665	-2664	PP	G	0.00	0.00	625.00
113	-2991	-2992	-3318	-3317	PP	G	0.00	0.00	625.00
114	-3640	-3649	-3943	47	PP	G	0.00	0.00	500.00
114	-2345	-2352	-2678	-2671	PP	G	0.00	0.00	500.00
114	-2997	-3004	-3330	-3323	PP	G	0.00	0.00	500.00
114	-3323	-3330	-3656	-3649	PP	G	0.00	0.00	500.00
114	-2662	-2671	-2997	-2988	PP	G	0.00	0.00	500.00
114	-1679	-1693	-2019	-2010	PP	G	0.00	0.00	500.00
114	-3649	-3656	-3950	-3943	PP	G	0.00	0.00	500.00
114	-2336	-2345	-2671	-2662	PP	G	0.00	0.00	500.00
114	-2019	-2026	-2352	-2345	PP	G	0.00	0.00	500.00
114	-2988	-2997	-3323	-3314	PP	G	0.00	0.00	500.00
114	-2671	-2678	-3004	-2997	PP	G	0.00	0.00	500.00
114	-1693	-1700	-2026	-2019	PP	G	0.00	0.00	500.00

114	-2010	-2019	-2345	-2336	PP	G	0.00	0.00	500.00
114	-3314	-3323	-3649	-3640	PP	G	0.00	0.00	500.00
115	-3333	-3334	-3660	-3659	PP	G	0.00	0.00	500.00
115	-3332	-3333	-3659	-3658	PP	G	0.00	0.00	500.00
115	-2353	-2354	-2680	-2679	PP	G	0.00	0.00	500.00
115	-3005	-3006	-3332	-3331	PP	G	0.00	0.00	500.00
115	-3007	-3008	-3334	-3333	PP	G	0.00	0.00	500.00
115	-1705	-1706	-2032	-2031	PP	G	0.00	0.00	500.00
115	-2031	-2032	-2358	-2357	PP	G	0.00	0.00	500.00
115	-2681	-2682	-3008	-3007	PP	G	0.00	0.00	500.00
115	-2027	-2028	-2354	-2353	PP	G	0.00	0.00	500.00
115	-1701	-1702	-2028	-2027	PP	G	0.00	0.00	500.00
115	-2355	-2356	-2682	-2681	PP	G	0.00	0.00	500.00
115	-3334	-3335	-3661	-3660	PP	G	0.00	0.00	500.00
115	-3	-4	-1704	-1703	PP	G	0.00	0.00	500.00
115	-1703	-1704	-2030	-2029	PP	G	0.00	0.00	500.00
115	-2029	-2030	-2356	-2355	PP	G	0.00	0.00	500.00
115	-2358	-2359	-2685	-2684	PP	G	0.00	0.00	500.00
115	-2357	-2358	-2684	-2683	PP	G	0.00	0.00	500.00
115	-2683	-2684	-3010	-3009	PP	G	0.00	0.00	500.00
115	-1	-2	-1702	-1701	PP	G	0.00	0.00	500.00
115	-2679	-2680	-3006	-3005	PP	G	0.00	0.00	500.00
115	-5	-6	-1706	-1705	PP	G	0.00	0.00	500.00
115	-2	-3	-1703	-1702	PP	G	0.00	0.00	500.00
115	-1702	-1703	-2029	-2028	PP	G	0.00	0.00	500.00
115	-1706	-1707	-2033	-2032	PP	G	0.00	0.00	500.00
115	-2354	-2355	-2681	-2680	PP	G	0.00	0.00	500.00
115	-2680	-2681	-3007	-3006	PP	G	0.00	0.00	500.00
115	-3009	-3010	-3336	-3335	PP	G	0.00	0.00	500.00
115	-3336	-3337	-3663	-3662	PP	G	0.00	0.00	500.00
115	-3331	-3332	-3658	-3657	PP	G	0.00	0.00	500.00
115	-4	-5	-1705	-1704	PP	G	0.00	0.00	500.00
115	-2032	-2033	-2359	-2358	PP	G	0.00	0.00	500.00
115	-2030	-2031	-2357	-2356	PP	G	0.00	0.00	500.00
115	-2684	-2685	-3011	-3010	PP	G	0.00	0.00	500.00
115	-2028	-2029	-2355	-2354	PP	G	0.00	0.00	500.00
115	-3006	-3007	-3333	-3332	PP	G	0.00	0.00	500.00
115	-3335	-3336	-3662	-3661	PP	G	0.00	0.00	500.00
115	-2356	-2357	-2683	-2682	PP	G	0.00	0.00	500.00
115	-3010	-3011	-3337	-3336	PP	G	0.00	0.00	500.00
115	-6	-7	-1707	-1706	PP	G	0.00	0.00	500.00
115	-2682	-2683	-3009	-3008	PP	G	0.00	0.00	500.00
115	-3008	-3009	-3335	-3334	PP	G	0.00	0.00	500.00
115	-1704	-1705	-2031	-2030	PP	G	0.00	0.00	500.00
116	-3011	-3013	-3339	-3337	PP	G	0.00	0.00	500.00
116	-2689	-2691	-3017	-3015	PP	G	0.00	0.00	500.00
116	-2033	-2035	-2361	-2359	PP	G	0.00	0.00	500.00
116	-1713	-1741	-2067	-2039	PP	G	0.00	0.00	500.00
116	-3015	-3017	-3343	-3341	PP	G	0.00	0.00	500.00
116	-2365	-2393	-2719	-2691	PP	G	0.00	0.00	500.00
116	-3337	-3339	-3665	-3663	PP	G	0.00	0.00	500.00
116	-2359	-2361	-2687	-2685	PP	G	0.00	0.00	500.00
116	-1709	-1711	-2037	-2035	PP	G	0.00	0.00	500.00
116	-3343	-3371	19	-3669	PP	G	0.00	0.00	500.00
116	-7	-14	-1709	-1707	PP	G	0.00	0.00	500.00
116	-3341	-3343	-3669	-3667	PP	G	0.00	0.00	500.00
116	-2039	-2067	-2393	-2365	PP	G	0.00	0.00	500.00
116	-2685	-2687	-3013	-3011	PP	G	0.00	0.00	500.00
116	-3013	-3015	-3341	-3339	PP	G	0.00	0.00	500.00
116	-14	-21	-1711	-1709	PP	G	0.00	0.00	500.00
116	-3017	-3045	-3371	-3343	PP	G	0.00	0.00	500.00
116	-2363	-2365	-2691	-2689	PP	G	0.00	0.00	500.00
116	-1707	-1709	-2035	-2033	PP	G	0.00	0.00	500.00
116	-2691	-2719	-3045	-3017	PP	G	0.00	0.00	500.00
116	-28	-60	-1741	-1713	PP	G	0.00	0.00	500.00
116	-2687	-2689	-3015	-3013	PP	G	0.00	0.00	500.00
116	-2035	-2037	-2363	-2361	PP	G	0.00	0.00	500.00
116	-3339	-3341	-3667	-3665	PP	G	0.00	0.00	500.00
116	-2037	-2039	-2365	-2363	PP	G	0.00	0.00	500.00
116	-1711	-1713	-2039	-2037	PP	G	0.00	0.00	500.00
116	-2361	-2363	-2689	-2687	PP	G	0.00	0.00	500.00
116	-21	-28	-1713	-1711	PP	G	0.00	0.00	500.00
117	-1710	-1712	-2038	-2036	PP	G	0.00	0.00	500.00
117	-2686	-2688	-3014	-3012	PP	G	0.00	0.00	500.00
117	-3331	-3338	-3664	-3657	PP	G	0.00	0.00	500.00
117	-2353	-2360	-2686	-2679	PP	G	0.00	0.00	500.00
117	-2362	-2364	-2690	-2688	PP	G	0.00	0.00	500.00
117	-15	-22	-1712	-1710	PP	G	0.00	0.00	500.00
117	-2690	-2718	-3044	-3016	PP	G	0.00	0.00	500.00
117	-3016	-3044	-3370	-3342	PP	G	0.00	0.00	500.00
117	-3012	-3014	-3340	-3338	PP	G	0.00	0.00	500.00
117	-3338	-3340	-3666	-3664	PP	G	0.00	0.00	500.00

117	-22	-54	-1740	-1712	PP	G	0.00	0.00	500.00
117	-2036	-2038	-2364	-2362	PP	G	0.00	0.00	500.00
117	-1708	-1710	-2036	-2034	PP	G	0.00	0.00	500.00
117	-2688	-2690	-3016	-3014	PP	G	0.00	0.00	500.00
117	-2027	-2034	-2360	-2353	PP	G	0.00	0.00	500.00
117	-1	-8	-1708	-1701	PP	G	0.00	0.00	500.00
117	-3342	-3370	18	-3668	PP	G	0.00	0.00	500.00
117	-3005	-3012	-3338	-3331	PP	G	0.00	0.00	500.00
117	-2360	-2362	-2688	-2686	PP	G	0.00	0.00	500.00
117	-1712	-1740	-2066	-2038	PP	G	0.00	0.00	500.00
117	-8	-15	-1710	-1708	PP	G	0.00	0.00	500.00
117	-2034	-2036	-2362	-2360	PP	G	0.00	0.00	500.00
117	-2679	-2686	-3012	-3005	PP	G	0.00	0.00	500.00
117	-3340	-3342	-3668	-3666	PP	G	0.00	0.00	500.00
117	-2038	-2066	-2392	-2364	PP	G	0.00	0.00	500.00
117	-2364	-2392	-2718	-2690	PP	G	0.00	0.00	500.00
117	-1701	-1708	-2034	-2027	PP	G	0.00	0.00	500.00
117	-3014	-3016	-3342	-3340	PP	G	0.00	0.00	500.00
118	-3648	-3650	-3944	-3942	PP	G	0.00	0.00	500.00
118	-2344	-2346	-2672	-2670	PP	G	0.00	0.00	500.00
118	-2018	-2020	-2346	-2344	PP	G	0.00	0.00	500.00
118	-3313	-3322	-3648	-3639	PP	G	0.00	0.00	500.00
118	-1687	-1694	-2020	-2018	PP	G	0.00	0.00	500.00
118	-2009	-2018	-2344	-2335	PP	G	0.00	0.00	500.00
118	-2987	-2996	-3322	-3313	PP	G	0.00	0.00	500.00
118	-3322	-3324	-3650	-3648	PP	G	0.00	0.00	500.00
118	-2335	-2344	-2670	-2661	PP	G	0.00	0.00	500.00
118	-2661	-2670	-2996	-2987	PP	G	0.00	0.00	500.00
118	-2670	-2672	-2998	-2996	PP	G	0.00	0.00	500.00
118	-3639	-3648	-3942	46	PP	G	0.00	0.00	500.00
118	-1673	-1687	-2018	-2009	PP	G	0.00	0.00	500.00
118	-2996	-2998	-3324	-3322	PP	G	0.00	0.00	500.00
119	-3003	-3004	-3330	-3329	PP	G	0.00	0.00	500.00
119	-3329	-3330	-3656	-3655	PP	G	0.00	0.00	500.00
119	-2674	-2675	-3001	-3000	PP	G	0.00	0.00	500.00
119	-2998	-2999	-3325	-3324	PP	G	0.00	0.00	500.00
119	-2023	-2024	-2350	-2349	PP	G	0.00	0.00	500.00
119	-2347	-2348	-2674	-2673	PP	G	0.00	0.00	500.00
119	-3001	-3002	-3328	-3327	PP	G	0.00	0.00	500.00
119	-1697	-1698	-2024	-2023	PP	G	0.00	0.00	500.00
119	-2677	-2678	-3004	-3003	PP	G	0.00	0.00	500.00
119	-2346	-2347	-2673	-2672	PP	G	0.00	0.00	500.00
119	-3655	-3656	-3950	-3949	PP	G	0.00	0.00	500.00
119	-3650	-3651	-3945	-3944	PP	G	0.00	0.00	500.00
119	-3654	-3655	-3949	-3948	PP	G	0.00	0.00	500.00
119	-3000	-3001	-3327	-3326	PP	G	0.00	0.00	500.00
119	-2025	-2026	-2352	-2351	PP	G	0.00	0.00	500.00
119	-3652	-3653	-3947	-3946	PP	G	0.00	0.00	500.00
119	-2672	-2673	-2999	-2998	PP	G	0.00	0.00	500.00
119	-2676	-2677	-3003	-3002	PP	G	0.00	0.00	500.00
119	-3324	-3325	-3651	-3650	PP	G	0.00	0.00	500.00
119	-2675	-2676	-3002	-3001	PP	G	0.00	0.00	500.00
119	-2348	-2349	-2675	-2674	PP	G	0.00	0.00	500.00
119	-1695	-1696	-2022	-2021	PP	G	0.00	0.00	500.00
119	-3326	-3327	-3653	-3652	PP	G	0.00	0.00	500.00
119	-2351	-2352	-2678	-2677	PP	G	0.00	0.00	500.00
119	-2350	-2351	-2677	-2676	PP	G	0.00	0.00	500.00
119	-3325	-3326	-3652	-3651	PP	G	0.00	0.00	500.00
119	-2349	-2350	-2676	-2675	PP	G	0.00	0.00	500.00
119	-3328	-3329	-3655	-3654	PP	G	0.00	0.00	500.00
119	-2022	-2023	-2349	-2348	PP	G	0.00	0.00	500.00
119	-1699	-1700	-2026	-2025	PP	G	0.00	0.00	500.00
119	-2020	-2021	-2347	-2346	PP	G	0.00	0.00	500.00
119	-2024	-2025	-2351	-2350	PP	G	0.00	0.00	500.00
119	-2999	-3000	-3326	-3325	PP	G	0.00	0.00	500.00
119	-3327	-3328	-3654	-3653	PP	G	0.00	0.00	500.00
119	-3651	-3652	-3946	-3945	PP	G	0.00	0.00	500.00
119	-3002	-3003	-3329	-3328	PP	G	0.00	0.00	500.00
119	-1696	-1697	-2023	-2022	PP	G	0.00	0.00	500.00
119	-2673	-2674	-3000	-2999	PP	G	0.00	0.00	500.00
119	-2021	-2022	-2348	-2347	PP	G	0.00	0.00	500.00
119	-1698	-1699	-2025	-2024	PP	G	0.00	0.00	500.00
119	-1694	-1695	-2021	-2020	PP	G	0.00	0.00	500.00
119	-3653	-3654	-3948	-3947	PP	G	0.00	0.00	500.00
120	-3247	-3265	-3591	-3573	PP	G	0.00	0.00	625.00
120	-1585	-1633	-1968	-1967	PP	G	0.00	0.00	625.00
120	-2233	-2253	-2579	-2559	PP	G	0.00	0.00	625.00
120	-3231	-3236	-3562	-3557	PP	G	0.00	0.00	625.00
120	-2253	-2258	-2584	-2579	PP	G	0.00	0.00	625.00
120	-1927	-1932	-2258	-2253	PP	G	0.00	0.00	625.00
120	-3594	-3597	-3900	-3897	PP	G	0.00	0.00	625.00
120	-3241	-3247	-3573	-3567	PP	G	0.00	0.00	625.00

120	-2921	-2939	-3265	-3247	PP	G	0.00	0.00	625.00
120	-1907	-1927	-2253	-2233	PP	G	0.00	0.00	625.00
120	-1475	-1530	-1964	-1961	PP	G	0.00	0.00	625.00
120	-2293	-2294	-2620	-2619	PP	G	0.00	0.00	625.00
120	-1943	-1961	-2287	-2269	PP	G	0.00	0.00	625.00
120	-3573	-3591	-3894	-3879	PP	G	0.00	0.00	625.00
120	-2905	-2910	-3236	-3231	PP	G	0.00	0.00	625.00
120	-1197	-1257	-1927	-1907	PP	G	0.00	0.00	625.00
120	-3562	-3567	-3875	-3870	PP	G	0.00	0.00	625.00
120	-3567	-3573	-3879	-3875	PP	G	0.00	0.00	625.00
120	-1967	-1968	-2294	-2293	PP	G	0.00	0.00	625.00
120	-2290	-2293	-2619	-2616	PP	G	0.00	0.00	625.00
120	-2616	-2619	-2945	-2942	PP	G	0.00	0.00	625.00
120	-2579	-2584	-2910	-2905	PP	G	0.00	0.00	625.00
120	-2595	-2613	-2939	-2921	PP	G	0.00	0.00	625.00
120	-1420	-1475	-1961	-1943	PP	G	0.00	0.00	625.00
120	-3211	-3231	-3557	-3537	PP	G	0.00	0.00	625.00
120	-3557	-3562	-3870	-3865	PP	G	0.00	0.00	625.00
120	-1311	-1365	-1937	-1932	PP	G	0.00	0.00	625.00
120	-1932	-1937	-2263	-2258	PP	G	0.00	0.00	625.00
120	-2619	-2620	-2946	-2945	PP	G	0.00	0.00	625.00
120	-2269	-2287	-2613	-2595	PP	G	0.00	0.00	625.00
120	-3268	-3271	-3597	-3594	PP	G	0.00	0.00	625.00
120	-3597	-3598	-3901	-3900	PP	G	0.00	0.00	625.00
120	-3265	-3268	-3594	-3591	PP	G	0.00	0.00	625.00
120	-1365	-1420	-1943	-1937	PP	G	0.00	0.00	625.00
120	-1937	-1943	-2269	-2263	PP	G	0.00	0.00	625.00
120	-1964	-1967	-2293	-2290	PP	G	0.00	0.00	625.00
120	-2263	-2269	-2595	-2589	PP	G	0.00	0.00	625.00
120	-2942	-2945	-3271	-3268	PP	G	0.00	0.00	625.00
120	-2915	-2921	-3247	-3241	PP	G	0.00	0.00	625.00
120	-2885	-2905	-3231	-3211	PP	G	0.00	0.00	625.00
120	-1961	-1964	-2290	-2287	PP	G	0.00	0.00	625.00
120	-3537	-3557	-3865	-3847	PP	G	0.00	0.00	625.00
120	-1257	-1311	-1932	-1927	PP	G	0.00	0.00	625.00
120	-1530	-1585	-1967	-1964	PP	G	0.00	0.00	625.00
120	-2258	-2263	-2589	-2584	PP	G	0.00	0.00	625.00
120	-2589	-2595	-2921	-2915	PP	G	0.00	0.00	625.00
120	-2559	-2579	-2905	-2885	PP	G	0.00	0.00	625.00
120	-3236	-3241	-3567	-3562	PP	G	0.00	0.00	625.00
120	-3271	-3272	-3598	-3597	PP	G	0.00	0.00	625.00
120	-3591	-3594	-3897	-3894	PP	G	0.00	0.00	625.00
120	-2613	-2616	-2942	-2939	PP	G	0.00	0.00	625.00
120	-2939	-2942	-3268	-3265	PP	G	0.00	0.00	625.00
120	-2945	-2946	-3272	-3271	PP	G	0.00	0.00	625.00
120	-2287	-2290	-2616	-2613	PP	G	0.00	0.00	625.00
120	-2584	-2589	-2915	-2910	PP	G	0.00	0.00	625.00
120	-2910	-2915	-3241	-3236	PP	G	0.00	0.00	625.00
121	-3213	-3214	-3540	-3539	PP	G	0.00	0.00	625.00
121	-2890	-2891	-3217	-3216	PP	G	0.00	0.00	625.00
121	-2564	-2565	-2891	-2890	PP	G	0.00	0.00	625.00
121	-3542	-3543	-3853	-3852	PP	G	0.00	0.00	625.00
121	-2566	-2567	-2893	-2892	PP	G	0.00	0.00	625.00
121	-1204	-1205	-1915	-1914	PP	G	0.00	0.00	625.00
121	-3543	-3544	-3854	-3853	PP	G	0.00	0.00	625.00
121	-3225	-3226	-3552	-3551	PP	G	0.00	0.00	625.00
121	-1201	-1202	-1912	-1911	PP	G	0.00	0.00	625.00
121	-3539	-3540	-3850	-3849	PP	G	0.00	0.00	625.00
121	-3216	-3217	-3543	-3542	PP	G	0.00	0.00	625.00
121	-2563	-2564	-2890	-2889	PP	G	0.00	0.00	625.00
121	-2889	-2890	-3216	-3215	PP	G	0.00	0.00	625.00
121	-3215	-3216	-3542	-3541	PP	G	0.00	0.00	625.00
121	-2899	-2900	-3226	-3225	PP	G	0.00	0.00	625.00
121	-2887	-2888	-3214	-3213	PP	G	0.00	0.00	625.00
121	-1912	-1913	-2239	-2238	PP	G	0.00	0.00	625.00
121	-2573	-2574	-2900	-2899	PP	G	0.00	0.00	625.00
121	-2237	-2238	-2564	-2563	PP	G	0.00	0.00	625.00
121	-3546	-3547	-3857	-3856	PP	G	0.00	0.00	625.00
121	-3551	-3552	34	-3861	PP	G	0.00	0.00	625.00
121	-1203	-1204	-1914	-1913	PP	G	0.00	0.00	625.00
121	-3220	-3221	-3547	-3546	PP	G	0.00	0.00	625.00
121	-2240	-2241	-2567	-2566	PP	G	0.00	0.00	625.00
121	-3540	-3541	-3851	-3850	PP	G	0.00	0.00	625.00
121	-1920	-1921	-2247	-2246	PP	G	0.00	0.00	625.00
121	-1911	-1912	-2238	-2237	PP	G	0.00	0.00	625.00
121	-2572	-2573	-2899	-2898	PP	G	0.00	0.00	625.00
121	-1199	-1200	-1910	-1909	PP	G	0.00	0.00	625.00
121	-1909	-1910	-2236	-2235	PP	G	0.00	0.00	625.00
121	-1914	-1915	-2241	-2240	PP	G	0.00	0.00	625.00
121	-2238	-2239	-2565	-2564	PP	G	0.00	0.00	625.00
121	-2570	-2571	-2897	-2896	PP	G	0.00	0.00	625.00
121	-2896	-2897	-3223	-3222	PP	G	0.00	0.00	625.00

121	-3222	-3223	-3549	-3548	PP	G	0.00	0.00	625.00
121	-1200	-1201	-1911	-1910	PP	G	0.00	0.00	625.00
121	-1910	-1911	-2237	-2236	PP	G	0.00	0.00	625.00
121	-2236	-2237	-2563	-2562	PP	G	0.00	0.00	625.00
121	-3541	-3542	-3852	-3851	PP	G	0.00	0.00	625.00
121	-2561	-2562	-2888	-2887	PP	G	0.00	0.00	625.00
121	-3214	-3215	-3541	-3540	PP	G	0.00	0.00	625.00
121	-2897	-2898	-3224	-3223	PP	G	0.00	0.00	625.00
121	-3223	-3224	-3550	-3549	PP	G	0.00	0.00	625.00
121	-3549	-3550	-3860	-3859	PP	G	0.00	0.00	625.00
121	-2898	-2899	-3225	-3224	PP	G	0.00	0.00	625.00
121	-3224	-3225	-3551	-3550	PP	G	0.00	0.00	625.00
121	-2235	-2236	-2562	-2561	PP	G	0.00	0.00	625.00
121	-1202	-1203	-1913	-1912	PP	G	0.00	0.00	625.00
121	-1921	-1922	-2248	-2247	PP	G	0.00	0.00	625.00
121	-2247	-2248	-2574	-2573	PP	G	0.00	0.00	625.00
121	-1907	-1908	-2234	-2233	PP	G	0.00	0.00	625.00
121	-2233	-2234	-2560	-2559	PP	G	0.00	0.00	625.00
121	-2559	-2560	-2886	-2885	PP	G	0.00	0.00	625.00
121	-1207	-1208	-1918	-1917	PP	G	0.00	0.00	625.00
121	-3550	-3551	-3861	-3860	PP	G	0.00	0.00	625.00
121	-1913	-1914	-2240	-2239	PP	G	0.00	0.00	625.00
121	-2239	-2240	-2566	-2565	PP	G	0.00	0.00	625.00
121	-2565	-2566	-2892	-2891	PP	G	0.00	0.00	625.00
121	-2891	-2892	-3218	-3217	PP	G	0.00	0.00	625.00
121	-3217	-3218	-3544	-3543	PP	G	0.00	0.00	625.00
121	-3212	-3213	-3539	-3538	PP	G	0.00	0.00	625.00
121	-3538	-3539	-3849	-3848	PP	G	0.00	0.00	625.00
121	-1208	-1209	-1919	-1918	PP	G	0.00	0.00	625.00
121	-1918	-1919	-2245	-2244	PP	G	0.00	0.00	625.00
121	-2244	-2245	-2571	-2570	PP	G	0.00	0.00	625.00
121	-2894	-2895	-3221	-3220	PP	G	0.00	0.00	625.00
121	-2892	-2893	-3219	-3218	PP	G	0.00	0.00	625.00
121	-3218	-3219	-3545	-3544	PP	G	0.00	0.00	625.00
121	-3544	-3545	-3855	-3854	PP	G	0.00	0.00	625.00
121	-1205	-1206	-1916	-1915	PP	G	0.00	0.00	625.00
121	-1917	-1918	-2244	-2243	PP	G	0.00	0.00	625.00
121	-2888	-2889	-3215	-3214	PP	G	0.00	0.00	625.00
121	-2567	-2568	-2894	-2893	PP	G	0.00	0.00	625.00
121	-2893	-2894	-3220	-3219	PP	G	0.00	0.00	625.00
121	-3219	-3220	-3546	-3545	PP	G	0.00	0.00	625.00
121	-3545	-3546	-3856	-3855	PP	G	0.00	0.00	625.00
121	-1210	-1211	-1921	-1920	PP	G	0.00	0.00	625.00
121	-1197	-1198	-1908	-1907	PP	G	0.00	0.00	625.00
121	-2246	-2247	-2573	-2572	PP	G	0.00	0.00	625.00
121	-1211	-1212	-1922	-1921	PP	G	0.00	0.00	625.00
121	-2242	-2243	-2569	-2568	PP	G	0.00	0.00	625.00
121	-2895	-2896	-3222	-3221	PP	G	0.00	0.00	625.00
121	-2568	-2569	-2895	-2894	PP	G	0.00	0.00	625.00
121	-3547	-3548	-3858	-3857	PP	G	0.00	0.00	625.00
121	-2886	-2887	-3213	-3212	PP	G	0.00	0.00	625.00
121	-2560	-2561	-2887	-2886	PP	G	0.00	0.00	625.00
121	-3548	-3549	-3859	-3858	PP	G	0.00	0.00	625.00
121	-2243	-2244	-2570	-2569	PP	G	0.00	0.00	625.00
121	-2569	-2570	-2896	-2895	PP	G	0.00	0.00	625.00
121	-2245	-2246	-2572	-2571	PP	G	0.00	0.00	625.00
121	-3221	-3222	-3548	-3547	PP	G	0.00	0.00	625.00
121	-1908	-1909	-2235	-2234	PP	G	0.00	0.00	625.00
121	-2234	-2235	-2561	-2560	PP	G	0.00	0.00	625.00
121	-1206	-1207	-1917	-1916	PP	G	0.00	0.00	625.00
121	-2571	-2572	-2898	-2897	PP	G	0.00	0.00	625.00
121	-2562	-2563	-2889	-2888	PP	G	0.00	0.00	625.00
121	-1916	-1917	-2243	-2242	PP	G	0.00	0.00	625.00
121	-3537	-3538	-3848	-3847	PP	G	0.00	0.00	625.00
121	-1198	-1199	-1909	-1908	PP	G	0.00	0.00	625.00
121	-2885	-2886	-3212	-3211	PP	G	0.00	0.00	625.00
121	-1919	-1920	-2246	-2245	PP	G	0.00	0.00	625.00
121	-1915	-1916	-2242	-2241	PP	G	0.00	0.00	625.00
121	-3211	-3212	-3538	-3537	PP	G	0.00	0.00	625.00
121	-2241	-2242	-2568	-2567	PP	G	0.00	0.00	625.00
121	-1209	-1210	-1920	-1919	PP	G	0.00	0.00	625.00
122	-1774	-1775	-2101	-2100	PP	G	0.00	0.00	500.00
122	-2751	-2752	-3078	-3077	PP	G	0.00	0.00	500.00
122	-3403	-3404	-3719	-3718	PP	G	0.00	0.00	500.00
122	-3077	-3078	-3404	-3403	PP	G	0.00	0.00	500.00
122	-2425	-2426	-2752	-2751	PP	G	0.00	0.00	500.00
122	-3078	-3079	-3405	-3404	PP	G	0.00	0.00	500.00
122	-3404	-3405	25	-3719	PP	G	0.00	0.00	500.00
122	-267	-268	-1775	-1774	PP	G	0.00	0.00	500.00
122	-2752	-2753	-3079	-3078	PP	G	0.00	0.00	500.00
122	-2099	-2100	-2426	-2425	PP	G	0.00	0.00	500.00
122	-1773	-1774	-2100	-2099	PP	G	0.00	0.00	500.00

122	-2426	-2427	-2753	-2752	PP	G	0.00	0.00	500.00
122	-266	-267	-1774	-1773	PP	G	0.00	0.00	500.00
122	-2100	-2101	-2427	-2426	PP	G	0.00	0.00	500.00
123	-3061	-3077	-3403	-3387	PP	G	0.00	0.00	500.00
123	-225	-266	-1773	-1757	PP	G	0.00	0.00	500.00
123	-2728	-2733	-3059	-3054	PP	G	0.00	0.00	500.00
123	-2407	-2409	-2735	-2733	PP	G	0.00	0.00	500.00
123	-3385	-3387	-3704	-3702	PP	G	0.00	0.00	500.00
123	-3059	-3061	-3387	-3385	PP	G	0.00	0.00	500.00
123	-2735	-2751	-3077	-3061	PP	G	0.00	0.00	500.00
123	-2081	-2083	-2409	-2407	PP	G	0.00	0.00	500.00
123	-2733	-2735	-3061	-3059	PP	G	0.00	0.00	500.00
123	-2076	-2081	-2407	-2402	PP	G	0.00	0.00	500.00
123	-2402	-2407	-2733	-2728	PP	G	0.00	0.00	500.00
123	-1757	-1773	-2099	-2083	PP	G	0.00	0.00	500.00
123	-1750	-1755	-2081	-2076	PP	G	0.00	0.00	500.00
123	-2409	-2425	-2751	-2735	PP	G	0.00	0.00	500.00
123	-1755	-1757	-2083	-2081	PP	G	0.00	0.00	500.00
123	-184	-225	-1757	-1755	PP	G	0.00	0.00	500.00
123	-2083	-2099	-2425	-2409	PP	G	0.00	0.00	500.00
123	-3380	-3385	-3702	-3698	PP	G	0.00	0.00	500.00
123	-105	-184	-1755	-1750	PP	G	0.00	0.00	500.00
123	-3387	-3403	-3718	-3704	PP	G	0.00	0.00	500.00
123	-3054	-3059	-3385	-3380	PP	G	0.00	0.00	500.00
124	-3380	-3381	-3699	-3698	PP	G	0.00	0.00	500.00
124	-3381	-3382	22	-3699	PP	G	0.00	0.00	500.00
124	-105	-106	-1751	-1750	PP	G	0.00	0.00	500.00
124	-3054	-3055	-3381	-3380	PP	G	0.00	0.00	500.00
124	-2728	-2729	-3055	-3054	PP	G	0.00	0.00	500.00
124	-2076	-2077	-2403	-2402	PP	G	0.00	0.00	500.00
124	-2403	-2404	-2730	-2729	PP	G	0.00	0.00	500.00
124	-2402	-2403	-2729	-2728	PP	G	0.00	0.00	500.00
124	-3055	-3056	-3382	-3381	PP	G	0.00	0.00	500.00
124	-2077	-2078	-2404	-2403	PP	G	0.00	0.00	500.00
124	-1750	-1751	-2077	-2076	PP	G	0.00	0.00	500.00
124	-2729	-2730	-3056	-3055	PP	G	0.00	0.00	500.00
124	-106	-107	-1752	-1751	PP	G	0.00	0.00	500.00
124	-1751	-1752	-2078	-2077	PP	G	0.00	0.00	500.00
125	-3450	-3454	-3766	-3762	PP	G	0.00	0.00	500.00
125	-2472	-2476	-2802	-2798	PP	G	0.00	0.00	500.00
125	-3454	-3458	-3770	-3766	PP	G	0.00	0.00	500.00
125	-3124	-3128	-3454	-3450	PP	G	0.00	0.00	500.00
125	-2146	-2150	-2476	-2472	PP	G	0.00	0.00	500.00
125	-658	-697	-1832	-1828	PP	G	0.00	0.00	500.00
125	-2798	-2802	-3128	-3124	PP	G	0.00	0.00	500.00
125	-1820	-1824	-2150	-2146	PP	G	0.00	0.00	500.00
125	-1844	-1860	-2186	-2170	PP	G	0.00	0.00	500.00
125	-3434	-3450	-3762	-3746	PP	G	0.00	0.00	500.00
125	-580	-619	-1824	-1820	PP	G	0.00	0.00	500.00
125	-3128	-3132	-3458	-3454	PP	G	0.00	0.00	500.00
125	-1384	-1439	-1945	-1939	PP	G	0.00	0.00	500.00
125	-619	-658	-1828	-1824	PP	G	0.00	0.00	500.00
125	-3238	-3243	-3569	-3564	PP	G	0.00	0.00	500.00
125	-3564	-3569	-3877	-3872	PP	G	0.00	0.00	500.00
125	-2480	-2484	-2810	-2806	PP	G	0.00	0.00	500.00
125	-2912	-2917	-3243	-3238	PP	G	0.00	0.00	500.00
125	-3569	-3575	39	-3877	PP	G	0.00	0.00	500.00
125	-3092	-3096	-3422	-3418	PP	G	0.00	0.00	500.00
125	-1836	-1840	-2166	-2162	PP	G	0.00	0.00	500.00
125	-1804	-1820	-2146	-2130	PP	G	0.00	0.00	500.00
125	-1828	-1832	-2158	-2154	PP	G	0.00	0.00	500.00
125	-2154	-2158	-2484	-2480	PP	G	0.00	0.00	500.00
125	-2586	-2591	-2917	-2912	PP	G	0.00	0.00	500.00
125	-3108	-3124	-3450	-3434	PP	G	0.00	0.00	500.00
125	-2846	-2850	-3176	-3172	PP	G	0.00	0.00	500.00
125	-3172	-3176	-3502	-3498	PP	G	0.00	0.00	500.00
125	-3498	-3502	-3813	-3810	PP	G	0.00	0.00	500.00
125	-2210	-2226	-2552	-2536	PP	G	0.00	0.00	500.00
125	-1824	-1828	-2154	-2150	PP	G	0.00	0.00	500.00
125	-2456	-2472	-2798	-2782	PP	G	0.00	0.00	500.00
125	-3188	-3204	-3530	-3514	PP	G	0.00	0.00	500.00
125	-2476	-2480	-2806	-2802	PP	G	0.00	0.00	500.00
125	-2802	-2806	-3132	-3128	PP	G	0.00	0.00	500.00
125	-3470	-3474	-3786	-3782	PP	G	0.00	0.00	500.00
125	-1900	-1904	-2230	-2226	PP	G	0.00	0.00	500.00
125	-2226	-2230	-2556	-2552	PP	G	0.00	0.00	500.00
125	-2552	-2556	-2882	-2878	PP	G	0.00	0.00	500.00
125	-2878	-2882	-3208	-3204	PP	G	0.00	0.00	500.00
125	-3204	-3208	-3534	-3530	PP	G	0.00	0.00	500.00
125	-3530	-3534	-3844	-3840	PP	G	0.00	0.00	500.00
125	-2806	-2810	-3136	-3132	PP	G	0.00	0.00	500.00
125	-3132	-3136	-3462	-3458	PP	G	0.00	0.00	500.00

125	-3458	-3462	-3774	-3770	PP	G	0.00	0.00	500.00
125	-697	-736	-1836	-1832	PP	G	0.00	0.00	500.00
125	-2536	-2552	-2878	-2862	PP	G	0.00	0.00	500.00
125	-2150	-2154	-2480	-2476	PP	G	0.00	0.00	500.00
125	-2484	-2488	-2814	-2810	PP	G	0.00	0.00	500.00
125	-2810	-2814	-3140	-3136	PP	G	0.00	0.00	500.00
125	-3136	-3140	-3466	-3462	PP	G	0.00	0.00	500.00
125	-3462	-3466	-3778	-3774	PP	G	0.00	0.00	500.00
125	-3418	-3422	-3735	-3732	PP	G	0.00	0.00	500.00
125	-1758	-1776	-2102	-2084	PP	G	0.00	0.00	500.00
125	-2130	-2146	-2472	-2456	PP	G	0.00	0.00	500.00
125	-2410	-2428	-2754	-2736	PP	G	0.00	0.00	500.00
125	-2782	-2798	-3124	-3108	PP	G	0.00	0.00	500.00
125	-2162	-2166	-2492	-2488	PP	G	0.00	0.00	500.00
125	-2488	-2492	-2818	-2814	PP	G	0.00	0.00	500.00
125	-2814	-2818	-3144	-3140	PP	G	0.00	0.00	500.00
125	-3140	-3144	-3470	-3466	PP	G	0.00	0.00	500.00
125	-1884	-1900	-2226	-2210	PP	G	0.00	0.00	500.00
125	-2774	-2778	-3104	-3100	PP	G	0.00	0.00	500.00
125	-2862	-2878	-3204	-3188	PP	G	0.00	0.00	500.00
125	-3426	-3430	-3742	-3738	PP	G	0.00	0.00	500.00
125	-502	-541	-1804	-1800	PP	G	0.00	0.00	500.00
125	-3514	-3530	-3840	-3824	PP	G	0.00	0.00	500.00
125	-1123	-1162	-1904	-1900	PP	G	0.00	0.00	500.00
125	-1780	-1784	-2110	-2106	PP	G	0.00	0.00	500.00
125	-2106	-2110	-2436	-2432	PP	G	0.00	0.00	500.00
125	-1330	-1384	-1939	-1934	PP	G	0.00	0.00	500.00
125	-1934	-1939	-2265	-2260	PP	G	0.00	0.00	500.00
125	-2260	-2265	-2591	-2586	PP	G	0.00	0.00	500.00
125	-3410	-3414	-3728	-3724	PP	G	0.00	0.00	500.00
125	-349	-388	-1788	-1784	PP	G	0.00	0.00	500.00
125	-1784	-1788	-2114	-2110	PP	G	0.00	0.00	500.00
125	-2110	-2114	-2440	-2436	PP	G	0.00	0.00	500.00
125	-2436	-2440	-2766	-2762	PP	G	0.00	0.00	500.00
125	-1939	-1945	-2271	-2265	PP	G	0.00	0.00	500.00
125	-3100	-3104	-3430	-3426	PP	G	0.00	0.00	500.00
125	-2591	-2597	-2923	-2917	PP	G	0.00	0.00	500.00
125	-2917	-2923	-3249	-3243	PP	G	0.00	0.00	500.00
125	-3243	-3249	-3575	-3569	PP	G	0.00	0.00	500.00
125	-2114	-2118	-2444	-2440	PP	G	0.00	0.00	500.00
125	-2440	-2444	-2770	-2766	PP	G	0.00	0.00	500.00
125	-2766	-2770	-3096	-3092	PP	G	0.00	0.00	500.00
125	-2118	-2122	-2448	-2444	PP	G	0.00	0.00	500.00
125	-2444	-2448	-2774	-2770	PP	G	0.00	0.00	500.00
125	-2770	-2774	-3100	-3096	PP	G	0.00	0.00	500.00
125	-3096	-3100	-3426	-3422	PP	G	0.00	0.00	500.00
125	-3422	-3426	-3738	-3735	PP	G	0.00	0.00	500.00
125	-463	-502	-1800	-1796	PP	G	0.00	0.00	500.00
125	-1796	-1800	-2126	-2122	PP	G	0.00	0.00	500.00
125	-2122	-2126	-2452	-2448	PP	G	0.00	0.00	500.00
125	-2448	-2452	-2778	-2774	PP	G	0.00	0.00	500.00
125	-1084	-1123	-1900	-1884	PP	G	0.00	0.00	500.00
125	-1840	-1844	-2170	-2166	PP	G	0.00	0.00	500.00
125	-2166	-2170	-2496	-2492	PP	G	0.00	0.00	500.00
125	-2492	-2496	-2822	-2818	PP	G	0.00	0.00	500.00
125	-2818	-2822	-3148	-3144	PP	G	0.00	0.00	500.00
125	-426	-463	-1796	-1792	PP	G	0.00	0.00	500.00
125	-969	-1006	-1876	-1872	PP	G	0.00	0.00	500.00
125	-1216	-1276	-1929	-1923	PP	G	0.00	0.00	500.00
125	-2126	-2130	-2456	-2452	PP	G	0.00	0.00	500.00
125	-2452	-2456	-2782	-2778	PP	G	0.00	0.00	500.00
125	-2778	-2782	-3108	-3104	PP	G	0.00	0.00	500.00
125	-3104	-3108	-3434	-3430	PP	G	0.00	0.00	500.00
125	-1162	-1216	-1923	-1904	PP	G	0.00	0.00	500.00
125	-1904	-1923	-2249	-2230	PP	G	0.00	0.00	500.00
125	-2230	-2249	-2575	-2556	PP	G	0.00	0.00	500.00
125	-2556	-2575	-2901	-2882	PP	G	0.00	0.00	500.00
125	-1832	-1836	-2162	-2158	PP	G	0.00	0.00	500.00
125	-2158	-2162	-2488	-2484	PP	G	0.00	0.00	500.00
125	-3534	-3553	-3862	-3844	PP	G	0.00	0.00	500.00
125	-1006	-1045	-1880	-1876	PP	G	0.00	0.00	500.00
125	-1876	-1880	-2206	-2202	PP	G	0.00	0.00	500.00
125	-2202	-2206	-2532	-2528	PP	G	0.00	0.00	500.00
125	-736	-775	-1840	-1836	PP	G	0.00	0.00	500.00
125	-2854	-2858	-3184	-3180	PP	G	0.00	0.00	500.00
125	-2084	-2102	-2428	-2410	PP	G	0.00	0.00	500.00
125	-3506	-3510	-3820	-3816	PP	G	0.00	0.00	500.00
125	-2736	-2754	-3080	-3062	PP	G	0.00	0.00	500.00
125	-3062	-3080	-3406	-3388	PP	G	0.00	0.00	500.00
125	-3388	-3406	-3720	23	PP	G	0.00	0.00	500.00
125	-269	-310	-1780	-1776	PP	G	0.00	0.00	500.00
125	-1776	-1780	-2106	-2102	PP	G	0.00	0.00	500.00

125	-3466	-3470	-3782	-3778	PP	G	0.00	0.00	500.00
125	-775	-814	-1844	-1840	PP	G	0.00	0.00	500.00
125	-3510	-3514	-3824	-3820	PP	G	0.00	0.00	500.00
125	-1923	-1929	-2255	-2249	PP	G	0.00	0.00	500.00
125	-2102	-2106	-2432	-2428	PP	G	0.00	0.00	500.00
125	-2428	-2432	-2758	-2754	PP	G	0.00	0.00	500.00
125	-3144	-3148	-3474	-3470	PP	G	0.00	0.00	500.00
125	-3406	-3410	-3724	-3720	PP	G	0.00	0.00	500.00
125	-310	-349	-1784	-1780	PP	G	0.00	0.00	500.00
125	-2432	-2436	-2762	-2758	PP	G	0.00	0.00	500.00
125	-2758	-2762	-3088	-3084	PP	G	0.00	0.00	500.00
125	-3084	-3088	-3414	-3410	PP	G	0.00	0.00	500.00
125	-3233	-3238	-3564	-3559	PP	G	0.00	0.00	500.00
125	-3559	-3564	-3872	-3867	PP	G	0.00	0.00	500.00
125	-3474	-3490	-3802	-3786	PP	G	0.00	0.00	500.00
125	-853	-892	-1864	-1860	PP	G	0.00	0.00	500.00
125	-1860	-1864	-2190	-2186	PP	G	0.00	0.00	500.00
125	-2762	-2766	-3092	-3088	PP	G	0.00	0.00	500.00
125	-2265	-2271	-2597	-2591	PP	G	0.00	0.00	500.00
125	-3414	-3418	-3732	-3728	PP	G	0.00	0.00	500.00
125	-388	-426	-1792	-1788	PP	G	0.00	0.00	500.00
125	-1788	-1792	-2118	-2114	PP	G	0.00	0.00	500.00
125	-2190	-2194	-2520	-2516	PP	G	0.00	0.00	500.00
125	-2516	-2520	-2846	-2842	PP	G	0.00	0.00	500.00
125	-1792	-1796	-2122	-2118	PP	G	0.00	0.00	500.00
125	-3168	-3172	-3498	-3494	PP	G	0.00	0.00	500.00
125	-3494	-3498	-3810	-3806	PP	G	0.00	0.00	500.00
125	-931	-969	-1872	-1868	PP	G	0.00	0.00	500.00
125	-1868	-1872	-2198	-2194	PP	G	0.00	0.00	500.00
125	-2194	-2198	-2524	-2520	PP	G	0.00	0.00	500.00
125	-2520	-2524	-2850	-2846	PP	G	0.00	0.00	500.00
125	-228	-269	-1776	-1758	PP	G	0.00	0.00	500.00
125	-541	-580	-1820	-1804	PP	G	0.00	0.00	500.00
125	-814	-853	-1860	-1844	PP	G	0.00	0.00	500.00
125	-2850	-2854	-3180	-3176	PP	G	0.00	0.00	500.00
125	-2882	-2901	-3227	-3208	PP	G	0.00	0.00	500.00
125	-3208	-3227	-3553	-3534	PP	G	0.00	0.00	500.00
125	-2838	-2842	-3168	-3164	PP	G	0.00	0.00	500.00
125	-2754	-2758	-3084	-3080	PP	G	0.00	0.00	500.00
125	-3080	-3084	-3410	-3406	PP	G	0.00	0.00	500.00
125	-2901	-2907	-3233	-3227	PP	G	0.00	0.00	500.00
125	-1800	-1804	-2130	-2126	PP	G	0.00	0.00	500.00
125	-2255	-2260	-2586	-2581	PP	G	0.00	0.00	500.00
125	-2170	-2186	-2512	-2496	PP	G	0.00	0.00	500.00
125	-2496	-2512	-2838	-2822	PP	G	0.00	0.00	500.00
125	-2822	-2838	-3164	-3148	PP	G	0.00	0.00	500.00
125	-3430	-3434	-3746	-3742	PP	G	0.00	0.00	500.00
125	-1872	-1876	-2202	-2198	PP	G	0.00	0.00	500.00
125	-2198	-2202	-2528	-2524	PP	G	0.00	0.00	500.00
125	-2524	-2528	-2854	-2850	PP	G	0.00	0.00	500.00
125	-3180	-3184	-3510	-3506	PP	G	0.00	0.00	500.00
125	-3088	-3092	-3418	-3414	PP	G	0.00	0.00	500.00
125	-2512	-2516	-2842	-2838	PP	G	0.00	0.00	500.00
125	-3502	-3506	-3816	-3813	PP	G	0.00	0.00	500.00
125	-3164	-3168	-3494	-3490	PP	G	0.00	0.00	500.00
125	-3490	-3494	-3806	-3802	PP	G	0.00	0.00	500.00
125	-2528	-2532	-2858	-2854	PP	G	0.00	0.00	500.00
125	-2842	-2846	-3172	-3168	PP	G	0.00	0.00	500.00
125	-1864	-1868	-2194	-2190	PP	G	0.00	0.00	500.00
125	-3553	-3559	-3867	-3862	PP	G	0.00	0.00	500.00
125	-1045	-1084	-1884	-1880	PP	G	0.00	0.00	500.00
125	-1880	-1884	-2210	-2206	PP	G	0.00	0.00	500.00
125	-2206	-2210	-2536	-2532	PP	G	0.00	0.00	500.00
125	-2532	-2536	-2862	-2858	PP	G	0.00	0.00	500.00
125	-2858	-2862	-3188	-3184	PP	G	0.00	0.00	500.00
125	-3184	-3188	-3514	-3510	PP	G	0.00	0.00	500.00
125	-3148	-3164	-3490	-3474	PP	G	0.00	0.00	500.00
125	-2249	-2255	-2581	-2575	PP	G	0.00	0.00	500.00
125	-3176	-3180	-3506	-3502	PP	G	0.00	0.00	500.00
125	-2907	-2912	-3238	-3233	PP	G	0.00	0.00	500.00
125	-1929	-1934	-2260	-2255	PP	G	0.00	0.00	500.00
125	-3227	-3233	-3559	-3553	PP	G	0.00	0.00	500.00
125	-2575	-2581	-2907	-2901	PP	G	0.00	0.00	500.00
125	-1276	-1330	-1934	-1929	PP	G	0.00	0.00	500.00
125	-2581	-2586	-2912	-2907	PP	G	0.00	0.00	500.00
125	-892	-931	-1868	-1864	PP	G	0.00	0.00	500.00
125	-2186	-2190	-2516	-2512	PP	G	0.00	0.00	500.00
126	-1952	-1953	-2279	-2278	PP	G	0.00	0.00	500.00
126	-2281	-2282	-2608	-2607	PP	G	0.00	0.00	500.00
126	-1443	-1444	-1950	-1949	PP	G	0.00	0.00	500.00
126	-1446	-1447	-1953	-1952	PP	G	0.00	0.00	500.00
126	-2275	-2276	-2602	-2601	PP	G	0.00	0.00	500.00

126	-3581	-3582	-3886	-3885	PP	G	0.00	0.00	500.00
126	-1439	-1440	-1946	-1945	PP	G	0.00	0.00	500.00
126	-2601	-2602	-2928	-2927	PP	G	0.00	0.00	500.00
126	-2604	-2605	-2931	-2930	PP	G	0.00	0.00	500.00
126	-3586	-3587	-3891	-3890	PP	G	0.00	0.00	500.00
126	-3258	-3259	-3585	-3584	PP	G	0.00	0.00	500.00
126	-1949	-1950	-2276	-2275	PP	G	0.00	0.00	500.00
126	-1449	-1450	-1956	-1955	PP	G	0.00	0.00	500.00
126	-1447	-1448	-1954	-1953	PP	G	0.00	0.00	500.00
126	-3254	-3255	-3581	-3580	PP	G	0.00	0.00	500.00
126	-3580	-3581	-3885	-3884	PP	G	0.00	0.00	500.00
126	-3260	-3261	-3587	-3586	PP	G	0.00	0.00	500.00
126	-2932	-2933	-3259	-3258	PP	G	0.00	0.00	500.00
126	-2277	-2278	-2604	-2603	PP	G	0.00	0.00	500.00
126	-2603	-2604	-2930	-2929	PP	G	0.00	0.00	500.00
126	-2929	-2930	-3256	-3255	PP	G	0.00	0.00	500.00
126	-3255	-3256	-3582	-3581	PP	G	0.00	0.00	500.00
126	-2608	-2609	-2935	-2934	PP	G	0.00	0.00	500.00
126	-2278	-2279	-2605	-2604	PP	G	0.00	0.00	500.00
126	-1441	-1442	-1948	-1947	PP	G	0.00	0.00	500.00
126	-1947	-1948	-2274	-2273	PP	G	0.00	0.00	500.00
126	-2930	-2931	-3257	-3256	PP	G	0.00	0.00	500.00
126	-3256	-3257	-3583	-3582	PP	G	0.00	0.00	500.00
126	-2283	-2284	-2610	-2609	PP	G	0.00	0.00	500.00
126	-3582	-3583	-3887	-3886	PP	G	0.00	0.00	500.00
126	-1953	-1954	-2280	-2279	PP	G	0.00	0.00	500.00
126	-2279	-2280	-2606	-2605	PP	G	0.00	0.00	500.00
126	-1445	-1446	-1952	-1951	PP	G	0.00	0.00	500.00
126	-1951	-1952	-2278	-2277	PP	G	0.00	0.00	500.00
126	-3578	-3579	-3883	-3882	PP	G	0.00	0.00	500.00
126	-2931	-2932	-3258	-3257	PP	G	0.00	0.00	500.00
126	-3257	-3258	-3584	-3583	PP	G	0.00	0.00	500.00
126	-3583	-3584	-3888	-3887	PP	G	0.00	0.00	500.00
126	-1448	-1449	-1955	-1954	PP	G	0.00	0.00	500.00
126	-2934	-2935	-3261	-3260	PP	G	0.00	0.00	500.00
126	-2606	-2607	-2933	-2932	PP	G	0.00	0.00	500.00
126	-1945	-1946	-2272	-2271	PP	G	0.00	0.00	500.00
126	-2271	-2272	-2598	-2597	PP	G	0.00	0.00	500.00
126	-2597	-2598	-2924	-2923	PP	G	0.00	0.00	500.00
126	-3584	-3585	-3889	-3888	PP	G	0.00	0.00	500.00
126	-2928	-2929	-3255	-3254	PP	G	0.00	0.00	500.00
126	-1955	-1956	-2282	-2281	PP	G	0.00	0.00	500.00
126	-1440	-1441	-1947	-1946	PP	G	0.00	0.00	500.00
126	-1946	-1947	-2273	-2272	PP	G	0.00	0.00	500.00
126	-2933	-2934	-3260	-3259	PP	G	0.00	0.00	500.00
126	-3259	-3260	-3586	-3585	PP	G	0.00	0.00	500.00
126	-3585	-3586	-3890	-3889	PP	G	0.00	0.00	500.00
126	-1450	-1451	-1957	-1956	PP	G	0.00	0.00	500.00
126	-1956	-1957	-2283	-2282	PP	G	0.00	0.00	500.00
126	-3576	-3577	-3881	-3880	PP	G	0.00	0.00	500.00
126	-2282	-2283	-2609	-2608	PP	G	0.00	0.00	500.00
126	-3253	-3254	-3580	-3579	PP	G	0.00	0.00	500.00
126	-3579	-3580	-3884	-3883	PP	G	0.00	0.00	500.00
126	-2273	-2274	-2600	-2599	PP	G	0.00	0.00	500.00
126	-1451	-1452	-1958	-1957	PP	G	0.00	0.00	500.00
126	-1957	-1958	-2284	-2283	PP	G	0.00	0.00	500.00
126	-2609	-2610	-2936	-2935	PP	G	0.00	0.00	500.00
126	-1442	-1443	-1949	-1948	PP	G	0.00	0.00	500.00
126	-1948	-1949	-2275	-2274	PP	G	0.00	0.00	500.00
126	-2605	-2606	-2932	-2931	PP	G	0.00	0.00	500.00
126	-3252	-3253	-3579	-3578	PP	G	0.00	0.00	500.00
126	-3587	-3588	40	-3891	PP	G	0.00	0.00	500.00
126	-2926	-2927	-3253	-3252	PP	G	0.00	0.00	500.00
126	-2924	-2925	-3251	-3250	PP	G	0.00	0.00	500.00
126	-3250	-3251	-3577	-3576	PP	G	0.00	0.00	500.00
126	-2923	-2924	-3250	-3249	PP	G	0.00	0.00	500.00
126	-1950	-1951	-2277	-2276	PP	G	0.00	0.00	500.00
126	-1954	-1955	-2281	-2280	PP	G	0.00	0.00	500.00
126	-2280	-2281	-2607	-2606	PP	G	0.00	0.00	500.00
126	-1444	-1445	-1951	-1950	PP	G	0.00	0.00	500.00
126	-2598	-2599	-2925	-2924	PP	G	0.00	0.00	500.00
126	-2276	-2277	-2603	-2602	PP	G	0.00	0.00	500.00
126	-3249	-3250	-3576	-3575	PP	G	0.00	0.00	500.00
126	-3251	-3252	-3578	-3577	PP	G	0.00	0.00	500.00
126	-2600	-2601	-2927	-2926	PP	G	0.00	0.00	500.00
126	-3575	-3576	-3880	39	PP	G	0.00	0.00	500.00
126	-2935	-2936	-3262	-3261	PP	G	0.00	0.00	500.00
126	-2607	-2608	-2934	-2933	PP	G	0.00	0.00	500.00
126	-2272	-2273	-2599	-2598	PP	G	0.00	0.00	500.00
126	-2599	-2600	-2926	-2925	PP	G	0.00	0.00	500.00
126	-3577	-3578	-3882	-3881	PP	G	0.00	0.00	500.00
126	-2602	-2603	-2929	-2928	PP	G	0.00	0.00	500.00

126	-2927	-2928	-3254	-3253	PP	G	0.00	0.00	500.00
126	-3261	-3262	-3588	-3587	PP	G	0.00	0.00	500.00
126	-2925	-2926	-3252	-3251	PP	G	0.00	0.00	500.00
126	-2274	-2275	-2601	-2600	PP	G	0.00	0.00	500.00
127	-3526	-3527	-3837	-3836	PP	G	0.00	0.00	500.00
127	-2539	-2540	-2866	-2865	PP	G	0.00	0.00	500.00
127	-2221	-2222	-2548	-2547	PP	G	0.00	0.00	500.00
127	-2871	-2872	-3198	-3197	PP	G	0.00	0.00	500.00
127	-3200	-3201	-3527	-3526	PP	G	0.00	0.00	500.00
127	-2214	-2215	-2541	-2540	PP	G	0.00	0.00	500.00
127	-2873	-2874	-3200	-3199	PP	G	0.00	0.00	500.00
127	-3523	-3524	-3834	-3833	PP	G	0.00	0.00	500.00
127	-1888	-1889	-2215	-2214	PP	G	0.00	0.00	500.00
127	-3192	-3193	-3519	-3518	PP	G	0.00	0.00	500.00
127	-3197	-3198	-3524	-3523	PP	G	0.00	0.00	500.00
127	-2874	-2875	-3201	-3200	PP	G	0.00	0.00	500.00
127	-1889	-1890	-2216	-2215	PP	G	0.00	0.00	500.00
127	-1084	-1085	-1885	-1884	PP	G	0.00	0.00	500.00
127	-2865	-2866	-3192	-3191	PP	G	0.00	0.00	500.00
127	-3195	-3196	-3522	-3521	PP	G	0.00	0.00	500.00
127	-3191	-3192	-3518	-3517	PP	G	0.00	0.00	500.00
127	-3519	-3520	-3830	-3829	PP	G	0.00	0.00	500.00
127	-3518	-3519	-3829	-3828	PP	G	0.00	0.00	500.00
127	-1089	-1090	-1890	-1889	PP	G	0.00	0.00	500.00
127	-2216	-2217	-2543	-2542	PP	G	0.00	0.00	500.00
127	-2547	-2548	-2874	-2873	PP	G	0.00	0.00	500.00
127	-2868	-2869	-3195	-3194	PP	G	0.00	0.00	500.00
127	-2867	-2868	-3194	-3193	PP	G	0.00	0.00	500.00
127	-3193	-3194	-3520	-3519	PP	G	0.00	0.00	500.00
127	-1096	-1097	-1897	-1896	PP	G	0.00	0.00	500.00
127	-1896	-1897	-2223	-2222	PP	G	0.00	0.00	500.00
127	-2222	-2223	-2549	-2548	PP	G	0.00	0.00	500.00
127	-2548	-2549	-2875	-2874	PP	G	0.00	0.00	500.00
127	-1887	-1888	-2214	-2213	PP	G	0.00	0.00	500.00
127	-2213	-2214	-2540	-2539	PP	G	0.00	0.00	500.00
127	-2220	-2221	-2547	-2546	PP	G	0.00	0.00	500.00
127	-3521	-3522	-3832	-3831	PP	G	0.00	0.00	500.00
127	-3517	-3518	-3828	-3827	PP	G	0.00	0.00	500.00
127	-1090	-1091	-1891	-1890	PP	G	0.00	0.00	500.00
127	-1088	-1089	-1889	-1888	PP	G	0.00	0.00	500.00
127	-2218	-2219	-2545	-2544	PP	G	0.00	0.00	500.00
127	-2544	-2545	-2871	-2870	PP	G	0.00	0.00	500.00
127	-2540	-2541	-2867	-2866	PP	G	0.00	0.00	500.00
127	-3199	-3200	-3526	-3525	PP	G	0.00	0.00	500.00
127	-2545	-2546	-2872	-2871	PP	G	0.00	0.00	500.00
127	-2210	-2211	-2537	-2536	PP	G	0.00	0.00	500.00
127	-2536	-2537	-2863	-2862	PP	G	0.00	0.00	500.00
127	-2862	-2863	-3189	-3188	PP	G	0.00	0.00	500.00
127	-3188	-3189	-3515	-3514	PP	G	0.00	0.00	500.00
127	-1094	-1095	-1895	-1894	PP	G	0.00	0.00	500.00
127	-2869	-2870	-3196	-3195	PP	G	0.00	0.00	500.00
127	-2541	-2542	-2868	-2867	PP	G	0.00	0.00	500.00
127	-2546	-2547	-2873	-2872	PP	G	0.00	0.00	500.00
127	-2872	-2873	-3199	-3198	PP	G	0.00	0.00	500.00
127	-3198	-3199	-3525	-3524	PP	G	0.00	0.00	500.00
127	-1895	-1896	-2222	-2221	PP	G	0.00	0.00	500.00
127	-1095	-1096	-1896	-1895	PP	G	0.00	0.00	500.00
127	-3515	-3516	-3826	-3825	PP	G	0.00	0.00	500.00
127	-1086	-1087	-1887	-1886	PP	G	0.00	0.00	500.00
127	-1886	-1887	-2213	-2212	PP	G	0.00	0.00	500.00
127	-3525	-3526	-3836	-3835	PP	G	0.00	0.00	500.00
127	-2538	-2539	-2865	-2864	PP	G	0.00	0.00	500.00
127	-2864	-2865	-3191	-3190	PP	G	0.00	0.00	500.00
127	-3190	-3191	-3517	-3516	PP	G	0.00	0.00	500.00
127	-3516	-3517	-3827	-3826	PP	G	0.00	0.00	500.00
127	-1087	-1088	-1888	-1887	PP	G	0.00	0.00	500.00
127	-2215	-2216	-2542	-2541	PP	G	0.00	0.00	500.00
127	-1894	-1895	-2221	-2220	PP	G	0.00	0.00	500.00
127	-1885	-1886	-2212	-2211	PP	G	0.00	0.00	500.00
127	-2211	-2212	-2538	-2537	PP	G	0.00	0.00	500.00
127	-2537	-2538	-2864	-2863	PP	G	0.00	0.00	500.00
127	-1092	-1093	-1893	-1892	PP	G	0.00	0.00	500.00
127	-1892	-1893	-2219	-2218	PP	G	0.00	0.00	500.00
127	-3189	-3190	-3516	-3515	PP	G	0.00	0.00	500.00
127	-2542	-2543	-2869	-2868	PP	G	0.00	0.00	500.00
127	-2866	-2867	-3193	-3192	PP	G	0.00	0.00	500.00
127	-1884	-1885	-2211	-2210	PP	G	0.00	0.00	500.00
127	-1893	-1894	-2220	-2219	PP	G	0.00	0.00	500.00
127	-2219	-2220	-2546	-2545	PP	G	0.00	0.00	500.00
127	-1891	-1892	-2218	-2217	PP	G	0.00	0.00	500.00
127	-2217	-2218	-2544	-2543	PP	G	0.00	0.00	500.00
127	-2543	-2544	-2870	-2869	PP	G	0.00	0.00	500.00

127	-3514	-3515	-3825	-3824	PP	G	0.00	0.00	500.00
127	-2863	-2864	-3190	-3189	PP	G	0.00	0.00	500.00
127	-1085	-1086	-1886	-1885	PP	G	0.00	0.00	500.00
127	-3520	-3521	-3831	-3830	PP	G	0.00	0.00	500.00
127	-1091	-1092	-1892	-1891	PP	G	0.00	0.00	500.00
127	-1093	-1094	-1894	-1893	PP	G	0.00	0.00	500.00
127	-1890	-1891	-2217	-2216	PP	G	0.00	0.00	500.00
127	-3194	-3195	-3521	-3520	PP	G	0.00	0.00	500.00
127	-3522	-3523	-3833	-3832	PP	G	0.00	0.00	500.00
127	-3196	-3197	-3523	-3522	PP	G	0.00	0.00	500.00
127	-2212	-2213	-2539	-2538	PP	G	0.00	0.00	500.00
127	-3524	-3525	-3835	-3834	PP	G	0.00	0.00	500.00
127	-2870	-2871	-3197	-3196	PP	G	0.00	0.00	500.00
128	-2170	-2171	-2497	-2496	PP	G	0.00	0.00	500.00
128	-2499	-2500	-2826	-2825	PP	G	0.00	0.00	500.00
128	-3149	-3150	-3476	-3475	PP	G	0.00	0.00	500.00
128	-1845	-1846	-2172	-2171	PP	G	0.00	0.00	500.00
128	-814	-815	-1845	-1844	PP	G	0.00	0.00	500.00
128	-1844	-1845	-2171	-2170	PP	G	0.00	0.00	500.00
128	-815	-816	-1846	-1845	PP	G	0.00	0.00	500.00
128	-2822	-2823	-3149	-3148	PP	G	0.00	0.00	500.00
128	-3148	-3149	-3475	-3474	PP	G	0.00	0.00	500.00
128	-3475	-3476	-3788	-3787	PP	G	0.00	0.00	500.00
128	-816	-817	-1847	-1846	PP	G	0.00	0.00	500.00
128	-3483	-3484	-3796	-3795	PP	G	0.00	0.00	500.00
128	-2171	-2172	-2498	-2497	PP	G	0.00	0.00	500.00
128	-1853	-1854	-2180	-2179	PP	G	0.00	0.00	500.00
128	-3157	-3158	-3484	-3483	PP	G	0.00	0.00	500.00
128	-823	-824	-1854	-1853	PP	G	0.00	0.00	500.00
128	-3479	-3480	-3792	-3791	PP	G	0.00	0.00	500.00
128	-820	-821	-1851	-1850	PP	G	0.00	0.00	500.00
128	-1850	-1851	-2177	-2176	PP	G	0.00	0.00	500.00
128	-2504	-2505	-2831	-2830	PP	G	0.00	0.00	500.00
128	-2830	-2831	-3157	-3156	PP	G	0.00	0.00	500.00
128	-3156	-3157	-3483	-3482	PP	G	0.00	0.00	500.00
128	-2496	-2497	-2823	-2822	PP	G	0.00	0.00	500.00
128	-3150	-3151	-3477	-3476	PP	G	0.00	0.00	500.00
128	-3476	-3477	-3789	-3788	PP	G	0.00	0.00	500.00
128	-3474	-3475	-3787	-3786	PP	G	0.00	0.00	500.00
128	-1847	-1848	-2174	-2173	PP	G	0.00	0.00	500.00
128	-1851	-1852	-2178	-2177	PP	G	0.00	0.00	500.00
128	-2177	-2178	-2504	-2503	PP	G	0.00	0.00	500.00
128	-2503	-2504	-2830	-2829	PP	G	0.00	0.00	500.00
128	-3482	-3483	-3795	-3794	PP	G	0.00	0.00	500.00
128	-3155	-3156	-3482	-3481	PP	G	0.00	0.00	500.00
128	-3481	-3482	-3794	-3793	PP	G	0.00	0.00	500.00
128	-822	-823	-1853	-1852	PP	G	0.00	0.00	500.00
128	-1852	-1853	-2179	-2178	PP	G	0.00	0.00	500.00
128	-2178	-2179	-2505	-2504	PP	G	0.00	0.00	500.00
128	-2174	-2175	-2501	-2500	PP	G	0.00	0.00	500.00
128	-2500	-2501	-2827	-2826	PP	G	0.00	0.00	500.00
128	-2824	-2825	-3151	-3150	PP	G	0.00	0.00	500.00
128	-3152	-3153	-3479	-3478	PP	G	0.00	0.00	500.00
128	-2833	-2834	-3160	-3159	PP	G	0.00	0.00	500.00
128	-2179	-2180	-2506	-2505	PP	G	0.00	0.00	500.00
128	-1849	-1850	-2176	-2175	PP	G	0.00	0.00	500.00
128	-2505	-2506	-2832	-2831	PP	G	0.00	0.00	500.00
128	-824	-825	-1855	-1854	PP	G	0.00	0.00	500.00
128	-2497	-2498	-2824	-2823	PP	G	0.00	0.00	500.00
128	-2826	-2827	-3153	-3152	PP	G	0.00	0.00	500.00
128	-2823	-2824	-3150	-3149	PP	G	0.00	0.00	500.00
128	-2506	-2507	-2833	-2832	PP	G	0.00	0.00	500.00
128	-2832	-2833	-3159	-3158	PP	G	0.00	0.00	500.00
128	-3158	-3159	-3485	-3484	PP	G	0.00	0.00	500.00
128	-3484	-3485	-3797	-3796	PP	G	0.00	0.00	500.00
128	-1846	-1847	-2173	-2172	PP	G	0.00	0.00	500.00
128	-2498	-2499	-2825	-2824	PP	G	0.00	0.00	500.00
128	-2181	-2182	-2508	-2507	PP	G	0.00	0.00	500.00
128	-2507	-2508	-2834	-2833	PP	G	0.00	0.00	500.00
128	-2502	-2503	-2829	-2828	PP	G	0.00	0.00	500.00
128	-3159	-3160	-3486	-3485	PP	G	0.00	0.00	500.00
128	-817	-818	-1848	-1847	PP	G	0.00	0.00	500.00
128	-826	-827	-1857	-1856	PP	G	0.00	0.00	500.00
128	-2173	-2174	-2500	-2499	PP	G	0.00	0.00	500.00
128	-2182	-2183	-2509	-2508	PP	G	0.00	0.00	500.00
128	-2829	-2830	-3156	-3155	PP	G	0.00	0.00	500.00
128	-2825	-2826	-3152	-3151	PP	G	0.00	0.00	500.00
128	-3151	-3152	-3478	-3477	PP	G	0.00	0.00	500.00
128	-3477	-3478	-3790	-3789	PP	G	0.00	0.00	500.00
128	-818	-819	-1849	-1848	PP	G	0.00	0.00	500.00
128	-1848	-1849	-2175	-2174	PP	G	0.00	0.00	500.00
128	-2831	-2832	-3158	-3157	PP	G	0.00	0.00	500.00

128	-2172	-2173	-2499	-2498	PP	G	0.00	0.00	500.00
128	-2180	-2181	-2507	-2506	PP	G	0.00	0.00	500.00
128	-2176	-2177	-2503	-2502	PP	G	0.00	0.00	500.00
128	-1855	-1856	-2182	-2181	PP	G	0.00	0.00	500.00
128	-3478	-3479	-3791	-3790	PP	G	0.00	0.00	500.00
128	-819	-820	-1850	-1849	PP	G	0.00	0.00	500.00
128	-2175	-2176	-2502	-2501	PP	G	0.00	0.00	500.00
128	-3480	-3481	-3793	-3792	PP	G	0.00	0.00	500.00
128	-1854	-1855	-2181	-2180	PP	G	0.00	0.00	500.00
128	-3486	-3487	-3799	-3798	PP	G	0.00	0.00	500.00
128	-2827	-2828	-3154	-3153	PP	G	0.00	0.00	500.00
128	-3153	-3154	-3480	-3479	PP	G	0.00	0.00	500.00
128	-3160	-3161	-3487	-3486	PP	G	0.00	0.00	500.00
128	-3154	-3155	-3481	-3480	PP	G	0.00	0.00	500.00
128	-821	-822	-1852	-1851	PP	G	0.00	0.00	500.00
128	-2834	-2835	-3161	-3160	PP	G	0.00	0.00	500.00
128	-3485	-3486	-3798	-3797	PP	G	0.00	0.00	500.00
128	-2501	-2502	-2828	-2827	PP	G	0.00	0.00	500.00
128	-825	-826	-1856	-1855	PP	G	0.00	0.00	500.00
128	-1856	-1857	-2183	-2182	PP	G	0.00	0.00	500.00
128	-2828	-2829	-3155	-3154	PP	G	0.00	0.00	500.00
128	-2508	-2509	-2835	-2834	PP	G	0.00	0.00	500.00
129	-3113	-3114	-3440	-3439	PP	G	0.00	0.00	500.00
129	-2133	-2134	-2460	-2459	PP	G	0.00	0.00	500.00
129	-2787	-2788	-3114	-3113	PP	G	0.00	0.00	500.00
129	-2460	-2461	-2787	-2786	PP	G	0.00	0.00	500.00
129	-3436	-3437	-3749	-3748	PP	G	0.00	0.00	500.00
129	-2461	-2462	-2788	-2787	PP	G	0.00	0.00	500.00
129	-2784	-2785	-3111	-3110	PP	G	0.00	0.00	500.00
129	-3110	-3111	-3437	-3436	PP	G	0.00	0.00	500.00
129	-1809	-1810	-2136	-2135	PP	G	0.00	0.00	500.00
129	-544	-545	-1808	-1807	PP	G	0.00	0.00	500.00
129	-551	-552	-1815	-1814	PP	G	0.00	0.00	500.00
129	-1814	-1815	-2141	-2140	PP	G	0.00	0.00	500.00
129	-3439	-3440	-3752	-3751	PP	G	0.00	0.00	500.00
129	-2135	-2136	-2462	-2461	PP	G	0.00	0.00	500.00
129	-541	-542	-1805	-1804	PP	G	0.00	0.00	500.00
129	-2136	-2137	-2463	-2462	PP	G	0.00	0.00	500.00
129	-3444	-3445	-3757	-3756	PP	G	0.00	0.00	500.00
129	-2462	-2463	-2789	-2788	PP	G	0.00	0.00	500.00
129	-3114	-3115	-3441	-3440	PP	G	0.00	0.00	500.00
129	-3440	-3441	-3753	-3752	PP	G	0.00	0.00	500.00
129	-548	-549	-1812	-1811	PP	G	0.00	0.00	500.00
129	-1810	-1811	-2137	-2136	PP	G	0.00	0.00	500.00
129	-2458	-2459	-2785	-2784	PP	G	0.00	0.00	500.00
129	-2793	-2794	-3120	-3119	PP	G	0.00	0.00	500.00
129	-1811	-1812	-2138	-2137	PP	G	0.00	0.00	500.00
129	-2137	-2138	-2464	-2463	PP	G	0.00	0.00	500.00
129	-2463	-2464	-2790	-2789	PP	G	0.00	0.00	500.00
129	-2789	-2790	-3116	-3115	PP	G	0.00	0.00	500.00
129	-2140	-2141	-2467	-2466	PP	G	0.00	0.00	500.00
129	-547	-548	-1811	-1810	PP	G	0.00	0.00	500.00
129	-549	-550	-1813	-1812	PP	G	0.00	0.00	500.00
129	-1812	-1813	-2139	-2138	PP	G	0.00	0.00	500.00
129	-2138	-2139	-2465	-2464	PP	G	0.00	0.00	500.00
129	-1808	-1809	-2135	-2134	PP	G	0.00	0.00	500.00
129	-2134	-2135	-2461	-2460	PP	G	0.00	0.00	500.00
129	-3116	-3117	-3443	-3442	PP	G	0.00	0.00	500.00
129	-2786	-2787	-3113	-3112	PP	G	0.00	0.00	500.00
129	-2466	-2467	-2793	-2792	PP	G	0.00	0.00	500.00
129	-3438	-3439	-3751	-3750	PP	G	0.00	0.00	500.00
129	-546	-547	-1810	-1809	PP	G	0.00	0.00	500.00
129	-2465	-2466	-2792	-2791	PP	G	0.00	0.00	500.00
129	-2791	-2792	-3118	-3117	PP	G	0.00	0.00	500.00
129	-2130	-2131	-2457	-2456	PP	G	0.00	0.00	500.00
129	-3117	-3118	-3444	-3443	PP	G	0.00	0.00	500.00
129	-3443	-3444	-3756	-3755	PP	G	0.00	0.00	500.00
129	-2456	-2457	-2783	-2782	PP	G	0.00	0.00	500.00
129	-2782	-2783	-3109	-3108	PP	G	0.00	0.00	500.00
129	-2792	-2793	-3119	-3118	PP	G	0.00	0.00	500.00
129	-3118	-3119	-3445	-3444	PP	G	0.00	0.00	500.00
129	-552	-553	-1816	-1815	PP	G	0.00	0.00	500.00
129	-2788	-2789	-3115	-3114	PP	G	0.00	0.00	500.00
129	-2783	-2784	-3110	-3109	PP	G	0.00	0.00	500.00
129	-3109	-3110	-3436	-3435	PP	G	0.00	0.00	500.00
129	-2132	-2133	-2459	-2458	PP	G	0.00	0.00	500.00
129	-2141	-2142	-2468	-2467	PP	G	0.00	0.00	500.00
129	-2467	-2468	-2794	-2793	PP	G	0.00	0.00	500.00
129	-3119	-3120	-3446	-3445	PP	G	0.00	0.00	500.00
129	-3445	-3446	-3758	-3757	PP	G	0.00	0.00	500.00
129	-553	-554	-1817	-1816	PP	G	0.00	0.00	500.00
129	-1816	-1817	-2143	-2142	PP	G	0.00	0.00	500.00

129	-2142	-2143	-2469	-2468	PP	G	0.00	0.00	500.00
129	-2459	-2460	-2786	-2785	PP	G	0.00	0.00	500.00
129	-2785	-2786	-3112	-3111	PP	G	0.00	0.00	500.00
129	-3111	-3112	-3438	-3437	PP	G	0.00	0.00	500.00
129	-3437	-3438	-3750	-3749	PP	G	0.00	0.00	500.00
129	-2464	-2465	-2791	-2790	PP	G	0.00	0.00	500.00
129	-545	-546	-1809	-1808	PP	G	0.00	0.00	500.00
129	-2790	-2791	-3117	-3116	PP	G	0.00	0.00	500.00
129	-2139	-2140	-2466	-2465	PP	G	0.00	0.00	500.00
129	-3112	-3113	-3439	-3438	PP	G	0.00	0.00	500.00
129	-550	-551	-1814	-1813	PP	G	0.00	0.00	500.00
129	-1813	-1814	-2140	-2139	PP	G	0.00	0.00	500.00
129	-3108	-3109	-3435	-3434	PP	G	0.00	0.00	500.00
129	-1804	-1805	-2131	-2130	PP	G	0.00	0.00	500.00
129	-2457	-2458	-2784	-2783	PP	G	0.00	0.00	500.00
129	-1805	-1806	-2132	-2131	PP	G	0.00	0.00	500.00
129	-1806	-1807	-2133	-2132	PP	G	0.00	0.00	500.00
129	-3115	-3116	-3442	-3441	PP	G	0.00	0.00	500.00
129	-3441	-3442	-3754	-3753	PP	G	0.00	0.00	500.00
129	-2794	-2795	-3121	-3120	PP	G	0.00	0.00	500.00
129	-3120	-3121	-3447	-3446	PP	G	0.00	0.00	500.00
129	-2131	-2132	-2458	-2457	PP	G	0.00	0.00	500.00
129	-542	-543	-1806	-1805	PP	G	0.00	0.00	500.00
129	-543	-544	-1807	-1806	PP	G	0.00	0.00	500.00
129	-3442	-3443	-3755	-3754	PP	G	0.00	0.00	500.00
129	-3446	-3447	-3759	-3758	PP	G	0.00	0.00	500.00
129	-1815	-1816	-2142	-2141	PP	G	0.00	0.00	500.00
129	-2468	-2469	-2795	-2794	PP	G	0.00	0.00	500.00
129	-1807	-1808	-2134	-2133	PP	G	0.00	0.00	500.00
129	-3434	-3435	-3747	-3746	PP	G	0.00	0.00	500.00
129	-3435	-3436	-3748	-3747	PP	G	0.00	0.00	500.00
130	-2410	-2411	-2737	-2736	PP	G	0.00	0.00	500.00
130	-230	-231	-1761	-1760	PP	G	0.00	0.00	500.00
130	-2087	-2088	-2414	-2413	PP	G	0.00	0.00	500.00
130	-3063	-3064	-3390	-3389	PP	G	0.00	0.00	500.00
130	-3389	-3390	-3706	-3705	PP	G	0.00	0.00	500.00
130	-1761	-1762	-2088	-2087	PP	G	0.00	0.00	500.00
130	-1760	-1761	-2087	-2086	PP	G	0.00	0.00	500.00
130	-3391	-3392	-3708	-3707	PP	G	0.00	0.00	500.00
130	-232	-233	-1763	-1762	PP	G	0.00	0.00	500.00
130	-1762	-1763	-2089	-2088	PP	G	0.00	0.00	500.00
130	-2736	-2737	-3063	-3062	PP	G	0.00	0.00	500.00
130	-3062	-3063	-3389	-3388	PP	G	0.00	0.00	500.00
130	-2084	-2085	-2411	-2410	PP	G	0.00	0.00	500.00
130	-2089	-2090	-2416	-2415	PP	G	0.00	0.00	500.00
130	-3065	-3066	-3392	-3391	PP	G	0.00	0.00	500.00
130	-2085	-2086	-2412	-2411	PP	G	0.00	0.00	500.00
130	-2411	-2412	-2738	-2737	PP	G	0.00	0.00	500.00
130	-2737	-2738	-3064	-3063	PP	G	0.00	0.00	500.00
130	-239	-240	-1770	-1769	PP	G	0.00	0.00	500.00
130	-2086	-2087	-2413	-2412	PP	G	0.00	0.00	500.00
130	-2412	-2413	-2739	-2738	PP	G	0.00	0.00	500.00
130	-2738	-2739	-3065	-3064	PP	G	0.00	0.00	500.00
130	-1759	-1760	-2086	-2085	PP	G	0.00	0.00	500.00
130	-1758	-1759	-2085	-2084	PP	G	0.00	0.00	500.00
130	-231	-232	-1762	-1761	PP	G	0.00	0.00	500.00
130	-1770	-1771	-2097	-2096	PP	G	0.00	0.00	500.00
130	-2096	-2097	-2423	-2422	PP	G	0.00	0.00	500.00
130	-2413	-2414	-2740	-2739	PP	G	0.00	0.00	500.00
130	-3388	-3389	-3705	23	PP	G	0.00	0.00	500.00
130	-3074	-3075	-3401	-3400	PP	G	0.00	0.00	500.00
130	-3395	-3396	-3712	-3711	PP	G	0.00	0.00	500.00
130	-236	-237	-1767	-1766	PP	G	0.00	0.00	500.00
130	-1766	-1767	-2093	-2092	PP	G	0.00	0.00	500.00
130	-2092	-2093	-2419	-2418	PP	G	0.00	0.00	500.00
130	-2418	-2419	-2745	-2744	PP	G	0.00	0.00	500.00
130	-1769	-1770	-2096	-2095	PP	G	0.00	0.00	500.00
130	-2095	-2096	-2422	-2421	PP	G	0.00	0.00	500.00
130	-3066	-3067	-3393	-3392	PP	G	0.00	0.00	500.00
130	-3392	-3393	-3709	-3708	PP	G	0.00	0.00	500.00
130	-233	-234	-1764	-1763	PP	G	0.00	0.00	500.00
130	-2419	-2420	-2746	-2745	PP	G	0.00	0.00	500.00
130	-2745	-2746	-3072	-3071	PP	G	0.00	0.00	500.00
130	-3071	-3072	-3398	-3397	PP	G	0.00	0.00	500.00
130	-3397	-3398	-3714	-3713	PP	G	0.00	0.00	500.00
130	-238	-239	-1769	-1768	PP	G	0.00	0.00	500.00
130	-229	-230	-1760	-1759	PP	G	0.00	0.00	500.00
130	-2094	-2095	-2421	-2420	PP	G	0.00	0.00	500.00
130	-2420	-2421	-2747	-2746	PP	G	0.00	0.00	500.00
130	-2746	-2747	-3073	-3072	PP	G	0.00	0.00	500.00
130	-3072	-3073	-3399	-3398	PP	G	0.00	0.00	500.00
130	-3398	-3399	-3715	-3714	PP	G	0.00	0.00	500.00

130	-2090	-2091	-2417	-2416	PP	G	0.00	0.00	500.00
130	-2416	-2417	-2743	-2742	PP	G	0.00	0.00	500.00
130	-2421	-2422	-2748	-2747	PP	G	0.00	0.00	500.00
130	-2747	-2748	-3074	-3073	PP	G	0.00	0.00	500.00
130	-3064	-3065	-3391	-3390	PP	G	0.00	0.00	500.00
130	-3390	-3391	-3707	-3706	PP	G	0.00	0.00	500.00
130	-3399	-3400	-3716	-3715	PP	G	0.00	0.00	500.00
130	-240	-241	-1771	-1770	PP	G	0.00	0.00	500.00
130	-2422	-2423	-2749	-2748	PP	G	0.00	0.00	500.00
130	-2739	-2740	-3066	-3065	PP	G	0.00	0.00	500.00
130	-3069	-3070	-3396	-3395	PP	G	0.00	0.00	500.00
130	-2743	-2744	-3070	-3069	PP	G	0.00	0.00	500.00
130	-3400	-3401	24	-3716	PP	G	0.00	0.00	500.00
130	-3393	-3394	-3710	-3709	PP	G	0.00	0.00	500.00
130	-234	-235	-1765	-1764	PP	G	0.00	0.00	500.00
130	-1764	-1765	-2091	-2090	PP	G	0.00	0.00	500.00
130	-2088	-2089	-2415	-2414	PP	G	0.00	0.00	500.00
130	-2740	-2741	-3067	-3066	PP	G	0.00	0.00	500.00
130	-2744	-2745	-3071	-3070	PP	G	0.00	0.00	500.00
130	-3070	-3071	-3397	-3396	PP	G	0.00	0.00	500.00
130	-3396	-3397	-3713	-3712	PP	G	0.00	0.00	500.00
130	-237	-238	-1768	-1767	PP	G	0.00	0.00	500.00
130	-1763	-1764	-2090	-2089	PP	G	0.00	0.00	500.00
130	-2093	-2094	-2420	-2419	PP	G	0.00	0.00	500.00
130	-2415	-2416	-2742	-2741	PP	G	0.00	0.00	500.00
130	-2748	-2749	-3075	-3074	PP	G	0.00	0.00	500.00
130	-1768	-1769	-2095	-2094	PP	G	0.00	0.00	500.00
130	-2741	-2742	-3068	-3067	PP	G	0.00	0.00	500.00
130	-3067	-3068	-3394	-3393	PP	G	0.00	0.00	500.00
130	-3073	-3074	-3400	-3399	PP	G	0.00	0.00	500.00
130	-1765	-1766	-2092	-2091	PP	G	0.00	0.00	500.00
130	-2091	-2092	-2418	-2417	PP	G	0.00	0.00	500.00
130	-228	-229	-1759	-1758	PP	G	0.00	0.00	500.00
130	-2414	-2415	-2741	-2740	PP	G	0.00	0.00	500.00
130	-2417	-2418	-2744	-2743	PP	G	0.00	0.00	500.00
130	-2742	-2743	-3069	-3068	PP	G	0.00	0.00	500.00
130	-3068	-3069	-3395	-3394	PP	G	0.00	0.00	500.00
130	-3394	-3395	-3711	-3710	PP	G	0.00	0.00	500.00
130	-1767	-1768	-2094	-2093	PP	G	0.00	0.00	500.00
130	-235	-236	-1766	-1765	PP	G	0.00	0.00	500.00
131	-632	-671	-1829	-1825	PP	G	0.00	0.00	500.00
131	-2481	-2485	-2811	-2807	PP	G	0.00	0.00	500.00
131	-3431	-3447	-3759	-3743	PP	G	0.00	0.00	500.00
131	-2799	-2803	-3129	-3125	PP	G	0.00	0.00	500.00
131	-3093	-3097	-3423	-3419	PP	G	0.00	0.00	500.00
131	-3125	-3129	-3455	-3451	PP	G	0.00	0.00	500.00
131	-2143	-2147	-2473	-2469	PP	G	0.00	0.00	500.00
131	-2119	-2123	-2449	-2445	PP	G	0.00	0.00	500.00
131	-2445	-2449	-2775	-2771	PP	G	0.00	0.00	500.00
131	-1817	-1821	-2147	-2143	PP	G	0.00	0.00	500.00
131	-2477	-2481	-2807	-2803	PP	G	0.00	0.00	500.00
131	-2803	-2807	-3133	-3129	PP	G	0.00	0.00	500.00
131	-3129	-3133	-3459	-3455	PP	G	0.00	0.00	500.00
131	-3419	-3423	-3736	-3733	PP	G	0.00	0.00	500.00
131	-3451	-3455	-3767	-3763	PP	G	0.00	0.00	500.00
131	-1829	-1833	-2159	-2155	PP	G	0.00	0.00	500.00
131	-2775	-2779	-3105	-3101	PP	G	0.00	0.00	500.00
131	-3101	-3105	-3431	-3427	PP	G	0.00	0.00	500.00
131	-3427	-3431	-3743	-3739	PP	G	0.00	0.00	500.00
131	-515	-554	-1817	-1801	PP	G	0.00	0.00	500.00
131	-1801	-1817	-2143	-2127	PP	G	0.00	0.00	500.00
131	-2127	-2143	-2469	-2453	PP	G	0.00	0.00	500.00
131	-1793	-1797	-2123	-2119	PP	G	0.00	0.00	500.00
131	-2779	-2795	-3121	-3105	PP	G	0.00	0.00	500.00
131	-3105	-3121	-3447	-3431	PP	G	0.00	0.00	500.00
131	-1935	-1940	-2266	-2261	PP	G	0.00	0.00	500.00
131	-2261	-2266	-2592	-2587	PP	G	0.00	0.00	500.00
131	-2469	-2473	-2799	-2795	PP	G	0.00	0.00	500.00
131	-2795	-2799	-3125	-3121	PP	G	0.00	0.00	500.00
131	-3455	-3459	-3771	-3767	PP	G	0.00	0.00	500.00
131	-2453	-2469	-2795	-2779	PP	G	0.00	0.00	500.00
131	-3447	-3451	-3763	-3759	PP	G	0.00	0.00	500.00
131	-593	-632	-1825	-1821	PP	G	0.00	0.00	500.00
131	-2147	-2151	-2477	-2473	PP	G	0.00	0.00	500.00
131	-2473	-2477	-2803	-2799	PP	G	0.00	0.00	500.00
131	-2767	-2771	-3097	-3093	PP	G	0.00	0.00	500.00
131	-3244	-3262	-3588	-3570	PP	G	0.00	0.00	500.00
131	-3570	-3588	40	-3878	PP	G	0.00	0.00	500.00
131	-1771	-1777	-2103	-2097	PP	G	0.00	0.00	500.00
131	-2097	-2103	-2429	-2423	PP	G	0.00	0.00	500.00
131	-2423	-2429	-2755	-2749	PP	G	0.00	0.00	500.00
131	-1825	-1829	-2155	-2151	PP	G	0.00	0.00	500.00

131	-2151	-2155	-2481	-2477	PP	G	0.00	0.00	500.00
131	-3401	-3407	-3721	24	PP	G	0.00	0.00	500.00
131	-282	-323	-1781	-1777	PP	G	0.00	0.00	500.00
131	-1777	-1781	-2107	-2103	PP	G	0.00	0.00	500.00
131	-2103	-2107	-2433	-2429	PP	G	0.00	0.00	500.00
131	-671	-710	-1833	-1829	PP	G	0.00	0.00	500.00
131	-2755	-2759	-3085	-3081	PP	G	0.00	0.00	500.00
131	-2155	-2159	-2485	-2481	PP	G	0.00	0.00	500.00
131	-3407	-3411	-3725	-3721	PP	G	0.00	0.00	500.00
131	-323	-362	-1785	-1781	PP	G	0.00	0.00	500.00
131	-3133	-3137	-3463	-3459	PP	G	0.00	0.00	500.00
131	-3459	-3463	-3775	-3771	PP	G	0.00	0.00	500.00
131	-710	-749	-1837	-1833	PP	G	0.00	0.00	500.00
131	-1833	-1837	-2163	-2159	PP	G	0.00	0.00	500.00
131	-2159	-2163	-2489	-2485	PP	G	0.00	0.00	500.00
131	-2811	-2815	-3141	-3137	PP	G	0.00	0.00	500.00
131	-3137	-3141	-3467	-3463	PP	G	0.00	0.00	500.00
131	-2587	-2592	-2918	-2913	PP	G	0.00	0.00	500.00
131	-2913	-2918	-3244	-3239	PP	G	0.00	0.00	500.00
131	-3239	-3244	-3570	-3565	PP	G	0.00	0.00	500.00
131	-3121	-3125	-3451	-3447	PP	G	0.00	0.00	500.00
131	-2489	-2493	-2819	-2815	PP	G	0.00	0.00	500.00
131	-2815	-2819	-3145	-3141	PP	G	0.00	0.00	500.00
131	-1821	-1825	-2151	-2147	PP	G	0.00	0.00	500.00
131	-2592	-2610	-2936	-2918	PP	G	0.00	0.00	500.00
131	-2918	-2936	-3262	-3244	PP	G	0.00	0.00	500.00
131	-2441	-2445	-2771	-2767	PP	G	0.00	0.00	500.00
131	-3531	-3535	-3845	-3841	PP	G	0.00	0.00	500.00
131	-1175	-1229	-1924	-1905	PP	G	0.00	0.00	500.00
131	-1905	-1924	-2250	-2231	PP	G	0.00	0.00	500.00
131	-2231	-2250	-2576	-2557	PP	G	0.00	0.00	500.00
131	-2557	-2576	-2902	-2883	PP	G	0.00	0.00	500.00
131	-2883	-2902	-3228	-3209	PP	G	0.00	0.00	500.00
131	-3097	-3101	-3427	-3423	PP	G	0.00	0.00	500.00
131	-3423	-3427	-3739	-3736	PP	G	0.00	0.00	500.00
131	-476	-515	-1801	-1797	PP	G	0.00	0.00	500.00
131	-1797	-1801	-2127	-2123	PP	G	0.00	0.00	500.00
131	-2123	-2127	-2453	-2449	PP	G	0.00	0.00	500.00
131	-2449	-2453	-2779	-2775	PP	G	0.00	0.00	500.00
131	-3228	-3234	-3560	-3554	PP	G	0.00	0.00	500.00
131	-3554	-3560	-3868	-3863	PP	G	0.00	0.00	500.00
131	-1289	-1343	-1935	-1930	PP	G	0.00	0.00	500.00
131	-1930	-1935	-2261	-2256	PP	G	0.00	0.00	500.00
131	-2256	-2261	-2587	-2582	PP	G	0.00	0.00	500.00
131	-2582	-2587	-2913	-2908	PP	G	0.00	0.00	500.00
131	-2908	-2913	-3239	-3234	PP	G	0.00	0.00	500.00
131	-3234	-3239	-3565	-3560	PP	G	0.00	0.00	500.00
131	-3560	-3565	-3873	-3868	PP	G	0.00	0.00	500.00
131	-1343	-1397	-1940	-1935	PP	G	0.00	0.00	500.00
131	-2517	-2521	-2847	-2843	PP	G	0.00	0.00	500.00
131	-2843	-2847	-3173	-3169	PP	G	0.00	0.00	500.00
131	-3169	-3173	-3499	-3495	PP	G	0.00	0.00	500.00
131	-3495	-3499	-3811	-3807	PP	G	0.00	0.00	500.00
131	-3565	-3570	-3878	-3873	PP	G	0.00	0.00	500.00
131	-1397	-1452	-1958	-1940	PP	G	0.00	0.00	500.00
131	-1940	-1958	-2284	-2266	PP	G	0.00	0.00	500.00
131	-2266	-2284	-2610	-2592	PP	G	0.00	0.00	500.00
131	-241	-282	-1777	-1771	PP	G	0.00	0.00	500.00
131	-439	-476	-1797	-1793	PP	G	0.00	0.00	500.00
131	-554	-593	-1821	-1817	PP	G	0.00	0.00	500.00
131	-827	-866	-1861	-1857	PP	G	0.00	0.00	500.00
131	-982	-1019	-1877	-1873	PP	G	0.00	0.00	500.00
131	-1097	-1136	-1901	-1897	PP	G	0.00	0.00	500.00
131	-1229	-1289	-1930	-1924	PP	G	0.00	0.00	500.00
131	-2851	-2855	-3181	-3177	PP	G	0.00	0.00	500.00
131	-2749	-2755	-3081	-3075	PP	G	0.00	0.00	500.00
131	-3075	-3081	-3407	-3401	PP	G	0.00	0.00	500.00
131	-1019	-1058	-1881	-1877	PP	G	0.00	0.00	500.00
131	-1877	-1881	-2207	-2203	PP	G	0.00	0.00	500.00
131	-2203	-2207	-2533	-2529	PP	G	0.00	0.00	500.00
131	-2529	-2533	-2859	-2855	PP	G	0.00	0.00	500.00
131	-2429	-2433	-2759	-2755	PP	G	0.00	0.00	500.00
131	-3181	-3185	-3511	-3507	PP	G	0.00	0.00	500.00
131	-3081	-3085	-3411	-3407	PP	G	0.00	0.00	500.00
131	-1058	-1097	-1897	-1881	PP	G	0.00	0.00	500.00
131	-1781	-1785	-2111	-2107	PP	G	0.00	0.00	500.00
131	-2107	-2111	-2437	-2433	PP	G	0.00	0.00	500.00
131	-2433	-2437	-2763	-2759	PP	G	0.00	0.00	500.00
131	-2759	-2763	-3089	-3085	PP	G	0.00	0.00	500.00
131	-3085	-3089	-3415	-3411	PP	G	0.00	0.00	500.00
131	-2485	-2489	-2815	-2811	PP	G	0.00	0.00	500.00
131	-3411	-3415	-3729	-3725	PP	G	0.00	0.00	500.00

131	-3463	-3467	-3779	-3775	PP	G	0.00	0.00	500.00
131	-749	-788	-1841	-1837	PP	G	0.00	0.00	500.00
131	-1837	-1841	-2167	-2163	PP	G	0.00	0.00	500.00
131	-2163	-2167	-2493	-2489	PP	G	0.00	0.00	500.00
131	-3089	-3093	-3419	-3415	PP	G	0.00	0.00	500.00
131	-3415	-3419	-3733	-3729	PP	G	0.00	0.00	500.00
131	-401	-439	-1793	-1789	PP	G	0.00	0.00	500.00
131	-1789	-1793	-2119	-2115	PP	G	0.00	0.00	500.00
131	-2115	-2119	-2445	-2441	PP	G	0.00	0.00	500.00
131	-3205	-3209	-3535	-3531	PP	G	0.00	0.00	500.00
131	-1841	-1857	-2183	-2167	PP	G	0.00	0.00	500.00
131	-2167	-2183	-2509	-2493	PP	G	0.00	0.00	500.00
131	-2493	-2509	-2835	-2819	PP	G	0.00	0.00	500.00
131	-2819	-2835	-3161	-3145	PP	G	0.00	0.00	500.00
131	-3145	-3161	-3487	-3471	PP	G	0.00	0.00	500.00
131	-3471	-3487	-3799	-3783	PP	G	0.00	0.00	500.00
131	-2771	-2775	-3101	-3097	PP	G	0.00	0.00	500.00
131	-3535	-3554	-3863	-3845	PP	G	0.00	0.00	500.00
131	-1924	-1930	-2256	-2250	PP	G	0.00	0.00	500.00
131	-2250	-2256	-2582	-2576	PP	G	0.00	0.00	500.00
131	-2576	-2582	-2908	-2902	PP	G	0.00	0.00	500.00
131	-2902	-2908	-3234	-3228	PP	G	0.00	0.00	500.00
131	-866	-905	-1865	-1861	PP	G	0.00	0.00	500.00
131	-1861	-1865	-2191	-2187	PP	G	0.00	0.00	500.00
131	-2187	-2191	-2517	-2513	PP	G	0.00	0.00	500.00
131	-2513	-2517	-2843	-2839	PP	G	0.00	0.00	500.00
131	-2839	-2843	-3169	-3165	PP	G	0.00	0.00	500.00
131	-3165	-3169	-3495	-3491	PP	G	0.00	0.00	500.00
131	-3491	-3495	-3807	-3803	PP	G	0.00	0.00	500.00
131	-905	-944	-1869	-1865	PP	G	0.00	0.00	500.00
131	-1865	-1869	-2195	-2191	PP	G	0.00	0.00	500.00
131	-2191	-2195	-2521	-2517	PP	G	0.00	0.00	500.00
131	-1897	-1901	-2227	-2223	PP	G	0.00	0.00	500.00
131	-362	-401	-1789	-1785	PP	G	0.00	0.00	500.00
131	-1785	-1789	-2115	-2111	PP	G	0.00	0.00	500.00
131	-2111	-2115	-2441	-2437	PP	G	0.00	0.00	500.00
131	-2437	-2441	-2767	-2763	PP	G	0.00	0.00	500.00
131	-944	-982	-1873	-1869	PP	G	0.00	0.00	500.00
131	-1869	-1873	-2199	-2195	PP	G	0.00	0.00	500.00
131	-2195	-2199	-2525	-2521	PP	G	0.00	0.00	500.00
131	-2521	-2525	-2851	-2847	PP	G	0.00	0.00	500.00
131	-2847	-2851	-3177	-3173	PP	G	0.00	0.00	500.00
131	-3173	-3177	-3503	-3499	PP	G	0.00	0.00	500.00
131	-3499	-3503	-3814	-3811	PP	G	0.00	0.00	500.00
131	-1873	-1877	-2203	-2199	PP	G	0.00	0.00	500.00
131	-2199	-2203	-2529	-2525	PP	G	0.00	0.00	500.00
131	-2525	-2529	-2855	-2851	PP	G	0.00	0.00	500.00
131	-3511	-3527	-3837	-3821	PP	G	0.00	0.00	500.00
131	-3177	-3181	-3507	-3503	PP	G	0.00	0.00	500.00
131	-3503	-3507	-3817	-3814	PP	G	0.00	0.00	500.00
131	-2183	-2187	-2513	-2509	PP	G	0.00	0.00	500.00
131	-2509	-2513	-2839	-2835	PP	G	0.00	0.00	500.00
131	-2835	-2839	-3165	-3161	PP	G	0.00	0.00	500.00
131	-3161	-3165	-3491	-3487	PP	G	0.00	0.00	500.00
131	-2855	-2859	-3185	-3181	PP	G	0.00	0.00	500.00
131	-1136	-1175	-1905	-1901	PP	G	0.00	0.00	500.00
131	-3507	-3511	-3821	-3817	PP	G	0.00	0.00	500.00
131	-3467	-3471	-3783	-3779	PP	G	0.00	0.00	500.00
131	-2807	-2811	-3137	-3133	PP	G	0.00	0.00	500.00
131	-2207	-2223	-2549	-2533	PP	G	0.00	0.00	500.00
131	-2533	-2549	-2875	-2859	PP	G	0.00	0.00	500.00
131	-2859	-2875	-3201	-3185	PP	G	0.00	0.00	500.00
131	-3185	-3201	-3527	-3511	PP	G	0.00	0.00	500.00
131	-2223	-2227	-2553	-2549	PP	G	0.00	0.00	500.00
131	-3141	-3145	-3471	-3467	PP	G	0.00	0.00	500.00
131	-3209	-3228	-3554	-3535	PP	G	0.00	0.00	500.00
131	-1857	-1861	-2187	-2183	PP	G	0.00	0.00	500.00
131	-2879	-2883	-3209	-3205	PP	G	0.00	0.00	500.00
131	-2549	-2553	-2879	-2875	PP	G	0.00	0.00	500.00
131	-2763	-2767	-3093	-3089	PP	G	0.00	0.00	500.00
131	-3527	-3531	-3841	-3837	PP	G	0.00	0.00	500.00
131	-1881	-1897	-2223	-2207	PP	G	0.00	0.00	500.00
131	-788	-827	-1857	-1841	PP	G	0.00	0.00	500.00
131	-2227	-2231	-2557	-2553	PP	G	0.00	0.00	500.00
131	-3487	-3491	-3803	-3799	PP	G	0.00	0.00	500.00
131	-2875	-2879	-3205	-3201	PP	G	0.00	0.00	500.00
131	-2553	-2557	-2883	-2879	PP	G	0.00	0.00	500.00
131	-3201	-3205	-3531	-3527	PP	G	0.00	0.00	500.00
131	-1901	-1905	-2231	-2227	PP	G	0.00	0.00	500.00
132	-2920	-2938	-3264	-3246	PP	G	0.00	0.00	750.00
132	-3264	-3267	-3593	-3590	PP	G	0.00	0.00	750.00
132	-4061	-4063	-4083	-4081	PP	G	0.00	0.00	750.00

132	-4041	-4043	-4063	-4061	PP	G	0.00	0.00	750.00
132	-4037	-4039	-4059	-4057	PP	G	0.00	0.00	750.00
132	-3977	-3979	-3999	-3997	PP	G	0.00	0.00	750.00
132	-3997	-3999	-4019	-4017	PP	G	0.00	0.00	750.00
132	-4057	-4059	-4079	-4077	PP	G	0.00	0.00	750.00
132	-4019	-4021	-4041	-4039	PP	G	0.00	0.00	750.00
132	-2286	-2289	-2615	-2612	PP	G	0.00	0.00	750.00
132	-1524	-1579	-1966	-1963	PP	G	0.00	0.00	750.00
132	-4039	-4041	-4061	-4059	PP	G	0.00	0.00	750.00
132	-1960	-1963	-2289	-2286	PP	G	0.00	0.00	750.00
132	-3896	-3899	-3963	-3961	PP	G	0.00	0.00	750.00
132	-3961	-3963	-3983	-3981	PP	G	0.00	0.00	750.00
132	-4017	-4019	-4039	-4037	PP	G	0.00	0.00	750.00
132	-4001	-4003	-4023	-4021	PP	G	0.00	0.00	750.00
132	-4021	-4023	-4043	-4041	PP	G	0.00	0.00	750.00
132	-3593	-3596	-3899	-3896	PP	G	0.00	0.00	750.00
132	-4081	-4083	-4103	-4101	PP	G	0.00	0.00	750.00
132	-4101	-4103	-4120	-4118	PP	G	0.00	0.00	750.00
132	-3899	49	-3970	-3963	PP	G	0.00	0.00	750.00
132	-2612	-2615	-2941	-2938	PP	G	0.00	0.00	750.00
132	-3981	-3983	-4003	-4001	PP	G	0.00	0.00	750.00
132	-3983	-3990	-4010	-4003	PP	G	0.00	0.00	750.00
132	-4003	-4010	-4030	-4023	PP	G	0.00	0.00	750.00
132	-4059	-4061	-4081	-4079	PP	G	0.00	0.00	750.00
132	-1579	-1686	-2017	-1966	PP	G	0.00	0.00	750.00
132	-3957	-3959	-3979	-3977	PP	G	0.00	0.00	750.00
132	-4083	-4090	-4110	-4103	PP	G	0.00	0.00	750.00
132	-1942	-1960	-2286	-2268	PP	G	0.00	0.00	750.00
132	-2268	-2286	-2612	-2594	PP	G	0.00	0.00	750.00
132	-2594	-2612	-2938	-2920	PP	G	0.00	0.00	750.00
132	-4103	-4110	120	-4120	PP	G	0.00	0.00	750.00
132	-3246	-3264	-3590	-3572	PP	G	0.00	0.00	750.00
132	-1469	-1524	-1963	-1960	PP	G	0.00	0.00	750.00
132	37	-3893	-3959	-3957	PP	G	0.00	0.00	750.00
132	-3893	-3896	-3961	-3959	PP	G	0.00	0.00	750.00
132	-3959	-3961	-3981	-3979	PP	G	0.00	0.00	750.00
132	-3979	-3981	-4001	-3999	PP	G	0.00	0.00	750.00
132	-2938	-2941	-3267	-3264	PP	G	0.00	0.00	750.00
132	-3596	-3647	49	-3899	PP	G	0.00	0.00	750.00
132	-3590	-3593	-3896	-3893	PP	G	0.00	0.00	750.00
132	-4079	-4081	-4101	-4099	PP	G	0.00	0.00	750.00
132	-4099	-4101	-4118	-4116	PP	G	0.00	0.00	750.00
132	-1963	-1966	-2292	-2289	PP	G	0.00	0.00	750.00
132	-2289	-2292	-2618	-2615	PP	G	0.00	0.00	750.00
132	-2615	-2618	-2944	-2941	PP	G	0.00	0.00	750.00
132	-2941	-2944	-3270	-3267	PP	G	0.00	0.00	750.00
132	-3267	-3270	-3596	-3593	PP	G	0.00	0.00	750.00
132	-1414	-1469	-1960	-1942	PP	G	0.00	0.00	750.00
132	-3572	-3590	-3893	37	PP	G	0.00	0.00	750.00
132	-4097	-4099	-4116	116	PP	G	0.00	0.00	750.00
132	-1966	-2017	-2343	-2292	PP	G	0.00	0.00	750.00
132	-2292	-2343	-2669	-2618	PP	G	0.00	0.00	750.00
132	-3963	-3970	-3990	-3983	PP	G	0.00	0.00	750.00
132	-3270	-3321	-3647	-3596	PP	G	0.00	0.00	750.00
132	-4043	-4050	-4070	-4063	PP	G	0.00	0.00	750.00
132	-4023	-4030	-4050	-4043	PP	G	0.00	0.00	750.00
132	-4077	-4079	-4099	-4097	PP	G	0.00	0.00	750.00
132	-4063	-4070	-4090	-4083	PP	G	0.00	0.00	750.00
132	-2618	-2669	-2995	-2944	PP	G	0.00	0.00	750.00
132	-3999	-4001	-4021	-4019	PP	G	0.00	0.00	750.00
132	-2944	-2995	-3321	-3270	PP	G	0.00	0.00	750.00
203	-4125	-4126	-4146	-4145	PP	G	0.00	0.00	750.00
203	-4184	-4185	-4205	-4204	PP	G	0.00	0.00	750.00
203	-4205	-4206	-4226	-4225	PP	G	0.00	0.00	750.00
203	-4126	-4127	-4147	-4146	PP	G	0.00	0.00	750.00
203	-4146	-4147	-4167	-4166	PP	G	0.00	0.00	750.00
203	-4186	-4187	-4207	-4206	PP	G	0.00	0.00	750.00
203	-4204	-4205	-4225	-4224	PP	G	0.00	0.00	750.00
203	-4226	-4227	-4246	-4245	PP	G	0.00	0.00	750.00
203	-4113	114	-4128	-4127	PP	G	0.00	0.00	750.00
203	-4111	-4112	-4126	-4125	PP	G	0.00	0.00	750.00
203	-4227	-4228	214	-4246	PP	G	0.00	0.00	750.00
203	-4165	-4166	-4186	-4185	PP	G	0.00	0.00	750.00
203	-4166	-4167	-4187	-4186	PP	G	0.00	0.00	750.00
203	-4164	-4165	-4185	-4184	PP	G	0.00	0.00	750.00
203	-4127	-4128	-4148	-4147	PP	G	0.00	0.00	750.00
203	-4225	-4226	-4245	-4244	PP	G	0.00	0.00	750.00
203	-4112	-4113	-4127	-4126	PP	G	0.00	0.00	750.00
203	-4185	-4186	-4206	-4205	PP	G	0.00	0.00	750.00
203	113	-4111	-4125	-4124	PP	G	0.00	0.00	750.00
203	-4124	-4125	-4145	-4144	PP	G	0.00	0.00	750.00
203	-4144	-4145	-4165	-4164	PP	G	0.00	0.00	750.00

203	-4207	-4208	-4228	-4227	PP	G	0.00	0.00	750.00
203	-4167	-4168	-4188	-4187	PP	G	0.00	0.00	750.00
203	-4224	-4225	-4244	213	PP	G	0.00	0.00	750.00
203	-4187	-4188	-4208	-4207	PP	G	0.00	0.00	750.00
203	-4145	-4146	-4166	-4165	PP	G	0.00	0.00	750.00
203	-4147	-4148	-4168	-4167	PP	G	0.00	0.00	750.00
203	-4206	-4207	-4227	-4226	PP	G	0.00	0.00	750.00
207	-4155	-4162	-4182	-4175	PP	G	0.00	0.00	750.00
207	-4117	-4119	-4135	-4133	PP	G	0.00	0.00	750.00
207	-4153	-4155	-4175	-4173	PP	G	0.00	0.00	750.00
207	-4149	-4151	-4171	-4169	PP	G	0.00	0.00	750.00
207	-4189	-4191	-4211	-4209	PP	G	0.00	0.00	750.00
207	-4129	-4131	-4151	-4149	PP	G	0.00	0.00	750.00
207	-4229	-4231	-4247	215	PP	G	0.00	0.00	750.00
207	-4173	-4175	-4195	-4193	PP	G	0.00	0.00	750.00
207	-4195	-4202	-4222	-4215	PP	G	0.00	0.00	750.00
207	-4215	-4222	-4242	-4235	PP	G	0.00	0.00	750.00
207	-4193	-4195	-4215	-4213	PP	G	0.00	0.00	750.00
207	-4175	-4182	-4202	-4195	PP	G	0.00	0.00	750.00
207	-4233	-4235	-4251	-4249	PP	G	0.00	0.00	750.00
207	-4209	-4211	-4231	-4229	PP	G	0.00	0.00	750.00
207	-4135	-4142	-4162	-4155	PP	G	0.00	0.00	750.00
207	-4133	-4135	-4155	-4153	PP	G	0.00	0.00	750.00
207	-4115	-4117	-4133	-4131	PP	G	0.00	0.00	750.00
207	-4131	-4133	-4153	-4151	PP	G	0.00	0.00	750.00
207	-4235	-4242	219	-4251	PP	G	0.00	0.00	750.00
207	-4169	-4171	-4191	-4189	PP	G	0.00	0.00	750.00
207	-4191	-4193	-4213	-4211	PP	G	0.00	0.00	750.00
207	-4119	119	-4142	-4135	PP	G	0.00	0.00	750.00
207	-4151	-4153	-4173	-4171	PP	G	0.00	0.00	750.00
207	-4213	-4215	-4235	-4233	PP	G	0.00	0.00	750.00
207	-4171	-4173	-4193	-4191	PP	G	0.00	0.00	750.00
207	-4231	-4233	-4249	-4247	PP	G	0.00	0.00	750.00
207	115	-4115	-4131	-4129	PP	G	0.00	0.00	750.00
207	-4211	-4213	-4233	-4231	PP	G	0.00	0.00	750.00
211	-4180	-4181	-4201	-4200	PP	G	0.00	0.00	750.00
211	-4178	-4179	-4199	-4198	PP	G	0.00	0.00	750.00
211	-4138	-4139	-4159	-4158	PP	G	0.00	0.00	750.00
211	-4137	-4138	-4158	-4157	PP	G	0.00	0.00	750.00
211	-4220	-4221	-4241	-4240	PP	G	0.00	0.00	750.00
211	-4198	-4199	-4219	-4218	PP	G	0.00	0.00	750.00
211	-4218	-4219	-4239	-4238	PP	G	0.00	0.00	750.00
211	-4158	-4159	-4179	-4178	PP	G	0.00	0.00	750.00
211	-4122	-4123	-4140	-4139	PP	G	0.00	0.00	750.00
211	-4240	-4241	218	-4255	PP	G	0.00	0.00	750.00
211	-4160	-4161	-4181	-4180	PP	G	0.00	0.00	750.00
211	-4159	-4160	-4180	-4179	PP	G	0.00	0.00	750.00
211	-4200	-4201	-4221	-4220	PP	G	0.00	0.00	750.00
211	-4177	-4178	-4198	-4197	PP	G	0.00	0.00	750.00
211	-4197	-4198	-4218	-4217	PP	G	0.00	0.00	750.00
211	-4238	-4239	-4254	-4253	PP	G	0.00	0.00	750.00
211	-4237	-4238	-4253	217	PP	G	0.00	0.00	750.00
211	-4139	-4140	-4160	-4159	PP	G	0.00	0.00	750.00
211	-4219	-4220	-4240	-4239	PP	G	0.00	0.00	750.00
211	117	-4121	-4138	-4137	PP	G	0.00	0.00	750.00
211	-4157	-4158	-4178	-4177	PP	G	0.00	0.00	750.00
211	-4199	-4200	-4220	-4219	PP	G	0.00	0.00	750.00
211	-4140	-4141	-4161	-4160	PP	G	0.00	0.00	750.00
211	-4239	-4240	-4255	-4254	PP	G	0.00	0.00	750.00
211	-4179	-4180	-4200	-4199	PP	G	0.00	0.00	750.00
211	-4121	-4122	-4139	-4138	PP	G	0.00	0.00	750.00
211	-4123	118	-4141	-4140	PP	G	0.00	0.00	750.00
211	-4217	-4218	-4238	-4237	PP	G	0.00	0.00	750.00
232	-4132	-4134	-4154	-4152	PP	G	0.00	0.00	750.00
232	-4170	-4172	-4192	-4190	PP	G	0.00	0.00	750.00
232	-4176	-4183	-4203	-4196	PP	G	0.00	0.00	750.00
232	-4196	-4203	-4223	-4216	PP	G	0.00	0.00	750.00
232	-4190	-4192	-4212	-4210	PP	G	0.00	0.00	750.00
232	-4116	-4118	-4134	-4132	PP	G	0.00	0.00	750.00
232	-4134	-4136	-4156	-4154	PP	G	0.00	0.00	750.00
232	-4130	-4132	-4152	-4150	PP	G	0.00	0.00	750.00
232	-4150	-4152	-4172	-4170	PP	G	0.00	0.00	750.00
232	-4214	-4216	-4236	-4234	PP	G	0.00	0.00	750.00
232	-4234	-4236	-4252	-4250	PP	G	0.00	0.00	750.00
232	-4210	-4212	-4232	-4230	PP	G	0.00	0.00	750.00
232	-4230	-4232	-4248	216	PP	G	0.00	0.00	750.00
232	116	-4116	-4132	-4130	PP	G	0.00	0.00	750.00
232	-4156	-4163	-4183	-4176	PP	G	0.00	0.00	750.00
232	-4154	-4156	-4176	-4174	PP	G	0.00	0.00	750.00
232	-4174	-4176	-4196	-4194	PP	G	0.00	0.00	750.00
232	-4194	-4196	-4216	-4214	PP	G	0.00	0.00	750.00
232	-4236	-4243	220	-4252	PP	G	0.00	0.00	750.00

232	-4120	120	-4143	-4136	PP	G	0.00	0.00	750.00
232	-4136	-4143	-4163	-4156	PP	G	0.00	0.00	750.00
232	-4118	-4120	-4136	-4134	PP	G	0.00	0.00	750.00
232	-4192	-4194	-4214	-4212	PP	G	0.00	0.00	750.00
232	-4212	-4214	-4234	-4232	PP	G	0.00	0.00	750.00
232	-4152	-4154	-4174	-4172	PP	G	0.00	0.00	750.00
232	-4216	-4223	-4243	-4236	PP	G	0.00	0.00	750.00
232	-4232	-4234	-4250	-4248	PP	G	0.00	0.00	750.00
232	-4172	-4174	-4194	-4192	PP	G	0.00	0.00	750.00
501	-1426	-1427	-1482	-1481	PP	G	0.00	0.00	1125.00
501	-1475	-1476	-1531	-1530	PP	G	0.00	0.00	1125.00
501	-1379	-1380	-1435	-1434	PP	G	0.00	0.00	1125.00
501	-1479	-1480	-1535	-1534	PP	G	0.00	0.00	1125.00
501	-1599	-1600	12	-1647	PP	G	0.00	0.00	1125.00
501	-1325	-1326	-1380	-1379	PP	G	0.00	0.00	1125.00
501	-1378	-1379	-1434	-1433	PP	G	0.00	0.00	1125.00
501	-1211	-1212	-1272	-1271	PP	G	0.00	0.00	1125.00
501	-1271	-1272	-1326	-1325	PP	G	0.00	0.00	1125.00
501	-1588	-1589	-1637	-1636	PP	G	0.00	0.00	1125.00
501	-1434	-1435	-1490	-1489	PP	G	0.00	0.00	1125.00
501	-1489	-1490	-1545	-1544	PP	G	0.00	0.00	1125.00
501	-1544	-1545	-1600	-1599	PP	G	0.00	0.00	1125.00
501	-1272	-1273	-1327	-1326	PP	G	0.00	0.00	1125.00
501	-1423	-1424	-1479	-1478	PP	G	0.00	0.00	1125.00
501	-1478	-1479	-1534	-1533	PP	G	0.00	0.00	1125.00
501	-1533	-1534	-1589	-1588	PP	G	0.00	0.00	1125.00
501	-1613	-1614	-1661	-1660	PP	G	0.00	0.00	1125.00
501	-1449	-1450	-1505	-1504	PP	G	0.00	0.00	1125.00
501	-1504	-1505	-1560	-1559	PP	G	0.00	0.00	1125.00
501	-1534	-1535	-1590	-1589	PP	G	0.00	0.00	1125.00
501	-1270	-1271	-1325	-1324	PP	G	0.00	0.00	1125.00
501	-1324	-1325	-1379	-1378	PP	G	0.00	0.00	1125.00
501	-1503	-1504	-1559	-1558	PP	G	0.00	0.00	1125.00
501	-1558	-1559	-1614	-1613	PP	G	0.00	0.00	1125.00
501	-1590	-1591	-1639	-1638	PP	G	0.00	0.00	1125.00
501	-1422	-1423	-1478	-1477	PP	G	0.00	0.00	1125.00
501	-1477	-1478	-1533	-1532	PP	G	0.00	0.00	1125.00
501	-1532	-1533	-1588	-1587	PP	G	0.00	0.00	1125.00
501	-1587	-1588	-1636	-1635	PP	G	0.00	0.00	1125.00
501	-1276	-1277	-1331	-1330	PP	G	0.00	0.00	1125.00
501	-1330	-1331	-1385	-1384	PP	G	0.00	0.00	1125.00
501	-1384	-1385	-1440	-1439	PP	G	0.00	0.00	1125.00
501	-1217	-1218	-1278	-1277	PP	G	0.00	0.00	1125.00
501	-1424	-1425	-1480	-1479	PP	G	0.00	0.00	1125.00
501	-1331	-1332	-1386	-1385	PP	G	0.00	0.00	1125.00
501	-1385	-1386	-1441	-1440	PP	G	0.00	0.00	1125.00
501	-1589	-1590	-1638	-1637	PP	G	0.00	0.00	1125.00
501	-1425	-1426	-1481	-1480	PP	G	0.00	0.00	1125.00
501	-1480	-1481	-1536	-1535	PP	G	0.00	0.00	1125.00
501	-1535	-1536	-1591	-1590	PP	G	0.00	0.00	1125.00
501	-1219	-1220	-1280	-1279	PP	G	0.00	0.00	1125.00
501	-1279	-1280	-1334	-1333	PP	G	0.00	0.00	1125.00
501	-1333	-1334	-1388	-1387	PP	G	0.00	0.00	1125.00
501	-1481	-1482	-1537	-1536	PP	G	0.00	0.00	1125.00
501	-1536	-1537	-1592	-1591	PP	G	0.00	0.00	1125.00
501	-1591	-1592	-1640	-1639	PP	G	0.00	0.00	1125.00
501	-1427	-1428	-1483	-1482	PP	G	0.00	0.00	1125.00
501	-1482	-1483	-1538	-1537	PP	G	0.00	0.00	1125.00
501	-1537	-1538	-1593	-1592	PP	G	0.00	0.00	1125.00
501	-1592	-1593	-1641	-1640	PP	G	0.00	0.00	1125.00
501	-1428	-1429	-1484	-1483	PP	G	0.00	0.00	1125.00
501	-1559	-1560	-1615	-1614	PP	G	0.00	0.00	1125.00
501	-1530	-1531	-1586	-1585	PP	G	0.00	0.00	1125.00
501	-1585	-1586	-1634	-1633	PP	G	0.00	0.00	1125.00
501	-1421	-1422	-1477	-1476	PP	G	0.00	0.00	1125.00
501	-1386	-1387	-1442	-1441	PP	G	0.00	0.00	1125.00
501	-1531	-1532	-1587	-1586	PP	G	0.00	0.00	1125.00
501	-1586	-1587	-1635	-1634	PP	G	0.00	0.00	1125.00
501	-1506	-1507	-1562	-1561	PP	G	0.00	0.00	1125.00
501	-1561	-1562	-1617	-1616	PP	G	0.00	0.00	1125.00
501	-1616	-1617	-1664	-1663	PP	G	0.00	0.00	1125.00
501	-1284	-1285	-1339	-1338	PP	G	0.00	0.00	1125.00
501	-1338	-1339	-1393	-1392	PP	G	0.00	0.00	1125.00
501	-1392	-1393	-1448	-1447	PP	G	0.00	0.00	1125.00
501	-1225	-1226	-1286	-1285	PP	G	0.00	0.00	1125.00
501	-1277	-1278	-1332	-1331	PP	G	0.00	0.00	1125.00
501	-1339	-1340	-1394	-1393	PP	G	0.00	0.00	1125.00
501	-1393	-1394	-1449	-1448	PP	G	0.00	0.00	1125.00
501	-1218	-1219	-1279	-1278	PP	G	0.00	0.00	1125.00
501	-1278	-1279	-1333	-1332	PP	G	0.00	0.00	1125.00
501	-1332	-1333	-1387	-1386	PP	G	0.00	0.00	1125.00
501	-1488	-1489	-1544	-1543	PP	G	0.00	0.00	1125.00

501	-1543	-1544	-1599	-1598	PP	G	0.00	0.00	1125.00
501	-1598	-1599	-1647	-1646	PP	G	0.00	0.00	1125.00
501	-1341	-1342	-1396	-1395	PP	G	0.00	0.00	1125.00
501	-1395	-1396	-1451	-1450	PP	G	0.00	0.00	1125.00
501	-1228	-1229	-1289	-1288	PP	G	0.00	0.00	1125.00
501	-1288	-1289	-1343	-1342	PP	G	0.00	0.00	1125.00
501	-1342	-1343	-1397	-1396	PP	G	0.00	0.00	1125.00
501	-1396	-1397	-1452	-1451	PP	G	0.00	0.00	1125.00
501	-184	-185	-226	-225	PP	G	0.00	0.00	1125.00
501	-225	-226	-267	-266	PP	G	0.00	0.00	1125.00
501	-106	-107	-186	-185	PP	G	0.00	0.00	1125.00
501	-185	-186	-227	-226	PP	G	0.00	0.00	1125.00
501	-226	-227	-268	-267	PP	G	0.00	0.00	1125.00
501	-1614	-1615	-1662	-1661	PP	G	0.00	0.00	1125.00
501	-1450	-1451	-1506	-1505	PP	G	0.00	0.00	1125.00
501	-1505	-1506	-1561	-1560	PP	G	0.00	0.00	1125.00
501	-1560	-1561	-1616	-1615	PP	G	0.00	0.00	1125.00
501	-1615	-1616	-1663	-1662	PP	G	0.00	0.00	1125.00
501	-1451	-1452	-1507	-1506	PP	G	0.00	0.00	1125.00
501	-1257	-1258	-1312	-1311	PP	G	0.00	0.00	1125.00
501	-1311	-1312	-1366	-1365	PP	G	0.00	0.00	1125.00
501	-1365	-1366	-1421	-1420	PP	G	0.00	0.00	1125.00
501	-1198	-1199	-1259	-1258	PP	G	0.00	0.00	1125.00
501	-1258	-1259	-1313	-1312	PP	G	0.00	0.00	1125.00
501	-1312	-1313	-1367	-1366	PP	G	0.00	0.00	1125.00
501	-1366	-1367	-1422	-1421	PP	G	0.00	0.00	1125.00
501	-1199	-1200	-1260	-1259	PP	G	0.00	0.00	1125.00
501	-1259	-1260	-1314	-1313	PP	G	0.00	0.00	1125.00
501	-1313	-1314	-1368	-1367	PP	G	0.00	0.00	1125.00
501	-1367	-1368	-1423	-1422	PP	G	0.00	0.00	1125.00
501	-1200	-1201	-1261	-1260	PP	G	0.00	0.00	1125.00
501	-1260	-1261	-1315	-1314	PP	G	0.00	0.00	1125.00
501	-1314	-1315	-1369	-1368	PP	G	0.00	0.00	1125.00
501	-1368	-1369	-1424	-1423	PP	G	0.00	0.00	1125.00
501	-1201	-1202	-1262	-1261	PP	G	0.00	0.00	1125.00
501	-1261	-1262	-1316	-1315	PP	G	0.00	0.00	1125.00
501	-1387	-1388	-1443	-1442	PP	G	0.00	0.00	1125.00
501	-1220	-1221	-1281	-1280	PP	G	0.00	0.00	1125.00
501	-1280	-1281	-1335	-1334	PP	G	0.00	0.00	1125.00
501	-1334	-1335	-1389	-1388	PP	G	0.00	0.00	1125.00
501	-1388	-1389	-1444	-1443	PP	G	0.00	0.00	1125.00
501	-1221	-1222	-1282	-1281	PP	G	0.00	0.00	1125.00
501	-1281	-1282	-1336	-1335	PP	G	0.00	0.00	1125.00
501	-1335	-1336	-1390	-1389	PP	G	0.00	0.00	1125.00
501	-1389	-1390	-1445	-1444	PP	G	0.00	0.00	1125.00
501	-1222	-1223	-1283	-1282	PP	G	0.00	0.00	1125.00
501	-1282	-1283	-1337	-1336	PP	G	0.00	0.00	1125.00
501	-1336	-1337	-1391	-1390	PP	G	0.00	0.00	1125.00
501	-1390	-1391	-1446	-1445	PP	G	0.00	0.00	1125.00
501	-1223	-1224	-1284	-1283	PP	G	0.00	0.00	1125.00
501	-1283	-1284	-1338	-1337	PP	G	0.00	0.00	1125.00
501	-1337	-1338	-1392	-1391	PP	G	0.00	0.00	1125.00
501	-1391	-1392	-1447	-1446	PP	G	0.00	0.00	1125.00
501	-1224	-1225	-1285	-1284	PP	G	0.00	0.00	1125.00
501	-1266	-1267	-1321	-1320	PP	G	0.00	0.00	1125.00
501	-1320	-1321	-1375	-1374	PP	G	0.00	0.00	1125.00
501	-1374	-1375	-1430	-1429	PP	G	0.00	0.00	1125.00
501	-1207	-1208	-1268	-1267	PP	G	0.00	0.00	1125.00
501	-1267	-1268	-1322	-1321	PP	G	0.00	0.00	1125.00
501	-1321	-1322	-1376	-1375	PP	G	0.00	0.00	1125.00
501	-1375	-1376	-1431	-1430	PP	G	0.00	0.00	1125.00
501	-1226	-1227	-1287	-1286	PP	G	0.00	0.00	1125.00
501	-1286	-1287	-1341	-1340	PP	G	0.00	0.00	1125.00
501	-1340	-1341	-1395	-1394	PP	G	0.00	0.00	1125.00
501	-1394	-1395	-1450	-1449	PP	G	0.00	0.00	1125.00
501	-1227	-1228	-1288	-1287	PP	G	0.00	0.00	1125.00
501	-1287	-1288	-1342	-1341	PP	G	0.00	0.00	1125.00
501	-1323	-1324	-1378	-1377	PP	G	0.00	0.00	1125.00
501	-1377	-1378	-1433	-1432	PP	G	0.00	0.00	1125.00
501	-1210	-1211	-1271	-1270	PP	G	0.00	0.00	1125.00
501	8	-966	-1003	-1002	PP	G	0.00	0.00	1125.00
501	-969	-970	-1007	-1006	PP	G	0.00	0.00	1125.00
501	-810	-811	-850	-849	PP	G	0.00	0.00	1125.00
501	-814	-815	-854	-853	PP	G	0.00	0.00	1125.00
501	-265	-305	-308	-307	PP	G	0.00	0.00	1125.00
501	-228	-229	-270	-269	PP	G	0.00	0.00	1125.00
501	4	-423	-460	-459	PP	G	0.00	0.00	1125.00
501	-426	-427	-464	-463	PP	G	0.00	0.00	1125.00
501	-537	-538	-577	-576	PP	G	0.00	0.00	1125.00
501	-541	-542	-581	-580	PP	G	0.00	0.00	1125.00
501	-107	-108	-183	-186	PP	G	0.00	0.00	1125.00
501	1	-29	-67	-66	PP	G	0.00	0.00	1125.00

501	-1476	-1477	-1532	-1531	PP	G	0.00	0.00	1125.00
501	-32	-33	-71	-70	PP	G	0.00	0.00	1125.00
501	-111	-112	-147	-146	PP	G	0.00	0.00	1125.00
501	-45	-46	-84	-83	PP	G	0.00	0.00	1125.00
501	-49	-50	-88	-87	PP	G	0.00	0.00	1125.00
501	-53	-54	-92	-91	PP	G	0.00	0.00	1125.00
501	-1	-2	-9	-8	PP	G	0.00	0.00	1125.00
501	-54	-55	-93	-92	PP	G	0.00	0.00	1125.00
501	-60	-61	-99	-98	PP	G	0.00	0.00	1125.00
501	-1673	-1674	-1688	-1687	PP	G	0.00	0.00	1125.00
501	-124	-125	-160	-159	PP	G	0.00	0.00	1125.00
501	-241	-242	-283	-282	PP	G	0.00	0.00	1125.00
501	-439	-440	-477	-476	PP	G	0.00	0.00	1125.00
501	-554	-555	-594	-593	PP	G	0.00	0.00	1125.00
501	-827	-828	-867	-866	PP	G	0.00	0.00	1125.00
501	-982	-983	-1020	-1019	PP	G	0.00	0.00	1125.00
501	-1097	-1098	-1137	-1136	PP	G	0.00	0.00	1125.00
501	-1229	-1230	-1290	-1289	PP	G	0.00	0.00	1125.00
501	-1452	-1453	-1508	-1507	PP	G	0.00	0.00	1125.00
501	-1456	-1457	-1512	-1511	PP	G	0.00	0.00	1125.00
501	-1460	-1461	-1516	-1515	PP	G	0.00	0.00	1125.00
501	-1461	-1462	-1517	-1516	PP	G	0.00	0.00	1125.00
501	-1467	-1419	-1474	-1522	PP	G	0.00	0.00	1125.00
501	-1233	-1234	-1294	-1293	PP	G	0.00	0.00	1125.00
501	-1237	-1238	-1298	-1297	PP	G	0.00	0.00	1125.00
501	-1238	-1239	-1299	-1298	PP	G	0.00	0.00	1125.00
501	-1244	-1245	-1256	-1304	PP	G	0.00	0.00	1125.00
501	-1101	-1102	-1141	-1140	PP	G	0.00	0.00	1125.00
501	-1483	-1484	-1539	-1538	PP	G	0.00	0.00	1125.00
501	-1538	-1539	-1594	-1593	PP	G	0.00	0.00	1125.00
501	-1593	-1594	-1642	-1641	PP	G	0.00	0.00	1125.00
501	-1429	-1430	-1485	-1484	PP	G	0.00	0.00	1125.00
501	-1484	-1485	-1540	-1539	PP	G	0.00	0.00	1125.00
501	-1539	-1540	-1595	-1594	PP	G	0.00	0.00	1125.00
501	-1594	-1595	-1643	-1642	PP	G	0.00	0.00	1125.00
501	-1430	-1431	-1486	-1485	PP	G	0.00	0.00	1125.00
501	-1485	-1486	-1541	-1540	PP	G	0.00	0.00	1125.00
501	-1540	-1541	-1596	-1595	PP	G	0.00	0.00	1125.00
501	-1595	-1596	-1644	-1643	PP	G	0.00	0.00	1125.00
501	-1431	-1432	-1487	-1486	PP	G	0.00	0.00	1125.00
501	-1486	-1487	-1542	-1541	PP	G	0.00	0.00	1125.00
501	-1285	-1286	-1340	-1339	PP	G	0.00	0.00	1125.00
501	-1596	-1597	-1645	-1644	PP	G	0.00	0.00	1125.00
501	-1432	-1433	-1488	-1487	PP	G	0.00	0.00	1125.00
501	-1487	-1488	-1543	-1542	PP	G	0.00	0.00	1125.00
501	-1542	-1543	-1598	-1597	PP	G	0.00	0.00	1125.00
501	-1597	-1598	-1646	-1645	PP	G	0.00	0.00	1125.00
501	-1433	-1434	-1489	-1488	PP	G	0.00	0.00	1125.00
501	-563	-564	-603	-602	PP	G	0.00	0.00	1125.00
501	-569	-570	-609	-608	PP	G	0.00	0.00	1125.00
501	-835	-836	-875	-874	PP	G	0.00	0.00	1125.00
501	-836	-837	-876	-875	PP	G	0.00	0.00	1125.00
501	-842	-843	-882	-881	PP	G	0.00	0.00	1125.00
501	-989	-990	-1028	-1027	PP	G	0.00	0.00	1125.00
501	-990	-991	-1029	-1028	PP	G	0.00	0.00	1125.00
501	-996	-997	-1035	-1034	PP	G	0.00	0.00	1125.00
501	-1326	-1327	-1381	-1380	PP	G	0.00	0.00	1125.00
501	-1380	-1381	-1436	-1435	PP	G	0.00	0.00	1125.00
501	-1213	-1214	-1274	-1273	PP	G	0.00	0.00	1125.00
501	-1273	-1274	-1328	-1327	PP	G	0.00	0.00	1125.00
501	-1327	-1328	-1382	-1381	PP	G	0.00	0.00	1125.00
501	-1381	-1382	-1437	-1436	PP	G	0.00	0.00	1125.00
501	-1214	-1215	-1275	-1274	PP	G	0.00	0.00	1125.00
501	-1274	-1275	-1329	-1328	PP	G	0.00	0.00	1125.00
501	-1328	-1329	-1383	-1382	PP	G	0.00	0.00	1125.00
501	-1382	-1383	-1438	-1437	PP	G	0.00	0.00	1125.00
501	-1215	-1216	-1276	-1275	PP	G	0.00	0.00	1125.00
501	-1275	-1276	-1330	-1329	PP	G	0.00	0.00	1125.00
501	-1329	-1330	-1384	-1383	PP	G	0.00	0.00	1125.00
501	-1383	-1384	-1439	-1438	PP	G	0.00	0.00	1125.00
501	-1490	-1491	-1546	-1545	PP	G	0.00	0.00	1125.00
501	-1545	-1546	-1601	-1600	PP	G	0.00	0.00	1125.00
501	-1600	-1601	-1648	12	PP	G	0.00	0.00	1125.00
501	-1436	-1437	-1492	-1491	PP	G	0.00	0.00	1125.00
501	-1491	-1492	-1547	-1546	PP	G	0.00	0.00	1125.00
501	-1546	-1547	-1602	-1601	PP	G	0.00	0.00	1125.00
501	-1601	-1602	-1649	-1648	PP	G	0.00	0.00	1125.00
501	-1437	-1438	-1493	-1492	PP	G	0.00	0.00	1125.00
501	-1492	-1493	-1548	-1547	PP	G	0.00	0.00	1125.00
501	-1547	-1548	-1603	-1602	PP	G	0.00	0.00	1125.00
501	-1602	-1603	-1650	-1649	PP	G	0.00	0.00	1125.00
501	-1438	-1439	-1494	-1493	PP	G	0.00	0.00	1125.00

501	-1493	-1494	-1549	-1548	PP	G	0.00	0.00	1125.00
501	-1548	-1549	-1604	-1603	PP	G	0.00	0.00	1125.00
501	-1315	-1316	-1370	-1369	PP	G	0.00	0.00	1125.00
501	-1369	-1370	-1425	-1424	PP	G	0.00	0.00	1125.00
501	-1202	-1203	-1263	-1262	PP	G	0.00	0.00	1125.00
501	-1262	-1263	-1317	-1316	PP	G	0.00	0.00	1125.00
501	-1316	-1317	-1371	-1370	PP	G	0.00	0.00	1125.00
501	-1370	-1371	-1426	-1425	PP	G	0.00	0.00	1125.00
501	-1203	-1204	-1264	-1263	PP	G	0.00	0.00	1125.00
501	-1263	-1264	-1318	-1317	PP	G	0.00	0.00	1125.00
501	-1317	-1318	-1372	-1371	PP	G	0.00	0.00	1125.00
501	-1371	-1372	-1427	-1426	PP	G	0.00	0.00	1125.00
501	-1204	-1205	-1265	-1264	PP	G	0.00	0.00	1125.00
501	-1264	-1265	-1319	-1318	PP	G	0.00	0.00	1125.00
501	-1318	-1319	-1373	-1372	PP	G	0.00	0.00	1125.00
501	-1372	-1373	-1428	-1427	PP	G	0.00	0.00	1125.00
501	-1205	-1206	-1266	-1265	PP	G	0.00	0.00	1125.00
501	-1265	-1266	-1320	-1319	PP	G	0.00	0.00	1125.00
501	-1319	-1320	-1374	-1373	PP	G	0.00	0.00	1125.00
501	-1373	-1374	-1429	-1428	PP	G	0.00	0.00	1125.00
501	-1206	-1207	-1267	-1266	PP	G	0.00	0.00	1125.00
501	-1197	-1198	-1258	-1257	PP	G	0.00	0.00	1125.00
501	-1420	-1421	-1476	-1475	PP	G	0.00	0.00	1125.00
501	-1212	-1213	-1273	-1272	PP	G	0.00	0.00	1125.00
501	-1435	-1436	-1491	-1490	PP	G	0.00	0.00	1125.00
501	-1439	-1440	-1495	-1494	PP	G	0.00	0.00	1125.00
501	-1216	-1217	-1277	-1276	PP	G	0.00	0.00	1125.00
501	-105	-106	-185	-184	PP	G	0.00	0.00	1125.00
501	-1208	-1209	-1269	-1268	PP	G	0.00	0.00	1125.00
501	-1268	-1269	-1323	-1322	PP	G	0.00	0.00	1125.00
501	-1322	-1323	-1377	-1376	PP	G	0.00	0.00	1125.00
501	-1376	-1377	-1432	-1431	PP	G	0.00	0.00	1125.00
501	-1209	-1210	-1270	-1269	PP	G	0.00	0.00	1125.00
501	-1269	-1270	-1324	-1323	PP	G	0.00	0.00	1125.00
501	-1080	-1081	-1120	-1119	PP	G	0.00	0.00	1125.00
501	-1084	-1085	-1124	-1123	PP	G	0.00	0.00	1125.00
501	-1557	-1558	-1613	-1612	PP	G	0.00	0.00	1125.00
501	-1612	-1613	-1660	-1659	PP	G	0.00	0.00	1125.00
501	-1448	-1449	-1504	-1503	PP	G	0.00	0.00	1125.00
501	-1119	-1120	-1159	-1158	PP	G	0.00	0.00	1125.00
501	-1158	-1159	-1213	-1212	PP	G	0.00	0.00	1125.00
501	-1081	-1082	-1121	-1120	PP	G	0.00	0.00	1125.00
501	-1120	-1121	-1160	-1159	PP	G	0.00	0.00	1125.00
501	-1159	-1160	-1214	-1213	PP	G	0.00	0.00	1125.00
501	-1082	-1083	-1122	-1121	PP	G	0.00	0.00	1125.00
501	-1121	-1122	-1161	-1160	PP	G	0.00	0.00	1125.00
501	-1160	-1161	-1215	-1214	PP	G	0.00	0.00	1125.00
501	-1083	-1084	-1123	-1122	PP	G	0.00	0.00	1125.00
501	-1122	-1123	-1162	-1161	PP	G	0.00	0.00	1125.00
501	-1161	-1162	-1216	-1215	PP	G	0.00	0.00	1125.00
501	-1123	-1124	-1163	-1162	PP	G	0.00	0.00	1125.00
501	-1162	-1163	-1217	-1216	PP	G	0.00	0.00	1125.00
501	-1085	-1086	-1125	-1124	PP	G	0.00	0.00	1125.00
501	-1124	-1125	-1164	-1163	PP	G	0.00	0.00	1125.00
501	-1163	-1164	-1218	-1217	PP	G	0.00	0.00	1125.00
501	-1086	-1087	-1126	-1125	PP	G	0.00	0.00	1125.00
501	-1125	-1126	-1165	-1164	PP	G	0.00	0.00	1125.00
501	-1164	-1165	-1219	-1218	PP	G	0.00	0.00	1125.00
501	-1087	-1088	-1127	-1126	PP	G	0.00	0.00	1125.00
501	-1126	-1127	-1166	-1165	PP	G	0.00	0.00	1125.00
501	-1165	-1166	-1220	-1219	PP	G	0.00	0.00	1125.00
501	-1088	-1089	-1128	-1127	PP	G	0.00	0.00	1125.00
501	-1127	-1128	-1167	-1166	PP	G	0.00	0.00	1125.00
501	-1166	-1167	-1221	-1220	PP	G	0.00	0.00	1125.00
501	-1089	-1090	-1129	-1128	PP	G	0.00	0.00	1125.00
501	-1128	-1129	-1168	-1167	PP	G	0.00	0.00	1125.00
501	-1167	-1168	-1222	-1221	PP	G	0.00	0.00	1125.00
501	-1090	-1091	-1130	-1129	PP	G	0.00	0.00	1125.00
501	-1129	-1130	-1169	-1168	PP	G	0.00	0.00	1125.00
501	-1168	-1169	-1223	-1222	PP	G	0.00	0.00	1125.00
501	-1091	-1092	-1131	-1130	PP	G	0.00	0.00	1125.00
501	-1130	-1131	-1170	-1169	PP	G	0.00	0.00	1125.00
501	-1169	-1170	-1224	-1223	PP	G	0.00	0.00	1125.00
501	-1092	-1093	-1132	-1131	PP	G	0.00	0.00	1125.00
501	-1131	-1132	-1171	-1170	PP	G	0.00	0.00	1125.00
501	-1170	-1171	-1225	-1224	PP	G	0.00	0.00	1125.00
501	-1093	-1094	-1133	-1132	PP	G	0.00	0.00	1125.00
501	-1132	-1133	-1172	-1171	PP	G	0.00	0.00	1125.00
501	-1171	-1172	-1226	-1225	PP	G	0.00	0.00	1125.00
501	-1094	-1095	-1134	-1133	PP	G	0.00	0.00	1125.00
501	-1133	-1134	-1173	-1172	PP	G	0.00	0.00	1125.00
501	-1172	-1173	-1227	-1226	PP	G	0.00	0.00	1125.00

501	-1095	-1096	-1135	-1134	PP	G	0.00	0.00	1125.00
501	-1134	-1135	-1174	-1173	PP	G	0.00	0.00	1125.00
501	-1173	-1174	-1228	-1227	PP	G	0.00	0.00	1125.00
501	-1096	-1097	-1136	-1135	PP	G	0.00	0.00	1125.00
501	-1135	-1136	-1175	-1174	PP	G	0.00	0.00	1125.00
501	-1174	-1175	-1229	-1228	PP	G	0.00	0.00	1125.00
501	-1002	-1003	-1042	-1041	PP	G	0.00	0.00	1125.00
501	-1041	-1042	-1081	-1080	PP	G	0.00	0.00	1125.00
501	-966	-967	-1004	-1003	PP	G	0.00	0.00	1125.00
501	-1003	-1004	-1043	-1042	PP	G	0.00	0.00	1125.00
501	-1042	-1043	-1082	-1081	PP	G	0.00	0.00	1125.00
501	-967	-968	-1005	-1004	PP	G	0.00	0.00	1125.00
501	-1004	-1005	-1044	-1043	PP	G	0.00	0.00	1125.00
501	-1043	-1044	-1083	-1082	PP	G	0.00	0.00	1125.00
501	-968	-969	-1006	-1005	PP	G	0.00	0.00	1125.00
501	-1005	-1006	-1045	-1044	PP	G	0.00	0.00	1125.00
501	-1044	-1045	-1084	-1083	PP	G	0.00	0.00	1125.00
501	-1006	-1007	-1046	-1045	PP	G	0.00	0.00	1125.00
501	-1045	-1046	-1085	-1084	PP	G	0.00	0.00	1125.00
501	-970	-971	-1008	-1007	PP	G	0.00	0.00	1125.00
501	-1007	-1008	-1047	-1046	PP	G	0.00	0.00	1125.00
501	-1046	-1047	-1086	-1085	PP	G	0.00	0.00	1125.00
501	-971	-972	-1009	-1008	PP	G	0.00	0.00	1125.00
501	-1008	-1009	-1048	-1047	PP	G	0.00	0.00	1125.00
501	-1047	-1048	-1087	-1086	PP	G	0.00	0.00	1125.00
501	-972	-973	-1010	-1009	PP	G	0.00	0.00	1125.00
501	-1009	-1010	-1049	-1048	PP	G	0.00	0.00	1125.00
501	-1048	-1049	-1088	-1087	PP	G	0.00	0.00	1125.00
501	-973	-974	-1011	-1010	PP	G	0.00	0.00	1125.00
501	-1010	-1011	-1050	-1049	PP	G	0.00	0.00	1125.00
501	-1049	-1050	-1089	-1088	PP	G	0.00	0.00	1125.00
501	-974	-975	-1012	-1011	PP	G	0.00	0.00	1125.00
501	-1011	-1012	-1051	-1050	PP	G	0.00	0.00	1125.00
501	-1050	-1051	-1090	-1089	PP	G	0.00	0.00	1125.00
501	-975	-976	-1013	-1012	PP	G	0.00	0.00	1125.00
501	-1012	-1013	-1052	-1051	PP	G	0.00	0.00	1125.00
501	-1051	-1052	-1091	-1090	PP	G	0.00	0.00	1125.00
501	-976	-977	-1014	-1013	PP	G	0.00	0.00	1125.00
501	-1013	-1014	-1053	-1052	PP	G	0.00	0.00	1125.00
501	-1052	-1053	-1092	-1091	PP	G	0.00	0.00	1125.00
501	-977	-978	-1015	-1014	PP	G	0.00	0.00	1125.00
501	-1014	-1015	-1054	-1053	PP	G	0.00	0.00	1125.00
501	-1053	-1054	-1093	-1092	PP	G	0.00	0.00	1125.00
501	-978	-979	-1016	-1015	PP	G	0.00	0.00	1125.00
501	-1015	-1016	-1055	-1054	PP	G	0.00	0.00	1125.00
501	-1054	-1055	-1094	-1093	PP	G	0.00	0.00	1125.00
501	-979	-980	-1017	-1016	PP	G	0.00	0.00	1125.00
501	-1016	-1017	-1056	-1055	PP	G	0.00	0.00	1125.00
501	-1055	-1056	-1095	-1094	PP	G	0.00	0.00	1125.00
501	-980	-981	-1018	-1017	PP	G	0.00	0.00	1125.00
501	-1017	-1018	-1057	-1056	PP	G	0.00	0.00	1125.00
501	-1056	-1057	-1096	-1095	PP	G	0.00	0.00	1125.00
501	-981	-982	-1019	-1018	PP	G	0.00	0.00	1125.00
501	-1018	-1019	-1058	-1057	PP	G	0.00	0.00	1125.00
501	-1057	-1058	-1097	-1096	PP	G	0.00	0.00	1125.00
501	-849	-850	-889	-888	PP	G	0.00	0.00	1125.00
501	-888	-889	-928	-927	PP	G	0.00	0.00	1125.00
501	-927	-928	-966	8	PP	G	0.00	0.00	1125.00
501	-811	-812	-851	-850	PP	G	0.00	0.00	1125.00
501	-850	-851	-890	-889	PP	G	0.00	0.00	1125.00
501	-889	-890	-929	-928	PP	G	0.00	0.00	1125.00
501	-928	-929	-967	-966	PP	G	0.00	0.00	1125.00
501	-812	-813	-852	-851	PP	G	0.00	0.00	1125.00
501	-851	-852	-891	-890	PP	G	0.00	0.00	1125.00
501	-890	-891	-930	-929	PP	G	0.00	0.00	1125.00
501	-929	-930	-968	-967	PP	G	0.00	0.00	1125.00
501	-813	-814	-853	-852	PP	G	0.00	0.00	1125.00
501	-852	-853	-892	-891	PP	G	0.00	0.00	1125.00
501	-891	-892	-931	-930	PP	G	0.00	0.00	1125.00
501	-930	-931	-969	-968	PP	G	0.00	0.00	1125.00
501	-853	-854	-893	-892	PP	G	0.00	0.00	1125.00
501	-892	-893	-932	-931	PP	G	0.00	0.00	1125.00
501	-931	-932	-970	-969	PP	G	0.00	0.00	1125.00
501	-815	-816	-855	-854	PP	G	0.00	0.00	1125.00
501	-854	-855	-894	-893	PP	G	0.00	0.00	1125.00
501	-893	-894	-933	-932	PP	G	0.00	0.00	1125.00
501	-932	-933	-971	-970	PP	G	0.00	0.00	1125.00
501	-816	-817	-856	-855	PP	G	0.00	0.00	1125.00
501	-855	-856	-895	-894	PP	G	0.00	0.00	1125.00
501	-894	-895	-934	-933	PP	G	0.00	0.00	1125.00
501	-933	-934	-972	-971	PP	G	0.00	0.00	1125.00
501	-817	-818	-857	-856	PP	G	0.00	0.00	1125.00

501	-856	-857	-896	-895	PP	G	0.00	0.00	1125.00
501	-895	-896	-935	-934	PP	G	0.00	0.00	1125.00
501	-934	-935	-973	-972	PP	G	0.00	0.00	1125.00
501	-818	-819	-858	-857	PP	G	0.00	0.00	1125.00
501	-857	-858	-897	-896	PP	G	0.00	0.00	1125.00
501	-896	-897	-936	-935	PP	G	0.00	0.00	1125.00
501	-935	-936	-974	-973	PP	G	0.00	0.00	1125.00
501	-819	-820	-859	-858	PP	G	0.00	0.00	1125.00
501	-858	-859	-898	-897	PP	G	0.00	0.00	1125.00
501	-897	-898	-937	-936	PP	G	0.00	0.00	1125.00
501	-936	-937	-975	-974	PP	G	0.00	0.00	1125.00
501	-820	-821	-860	-859	PP	G	0.00	0.00	1125.00
501	-859	-860	-899	-898	PP	G	0.00	0.00	1125.00
501	-898	-899	-938	-937	PP	G	0.00	0.00	1125.00
501	-937	-938	-976	-975	PP	G	0.00	0.00	1125.00
501	-821	-822	-861	-860	PP	G	0.00	0.00	1125.00
501	-860	-861	-900	-899	PP	G	0.00	0.00	1125.00
501	-899	-900	-939	-938	PP	G	0.00	0.00	1125.00
501	-938	-939	-977	-976	PP	G	0.00	0.00	1125.00
501	-822	-823	-862	-861	PP	G	0.00	0.00	1125.00
501	-861	-862	-901	-900	PP	G	0.00	0.00	1125.00
501	-900	-901	-940	-939	PP	G	0.00	0.00	1125.00
501	-939	-940	-978	-977	PP	G	0.00	0.00	1125.00
501	-823	-824	-863	-862	PP	G	0.00	0.00	1125.00
501	-862	-863	-902	-901	PP	G	0.00	0.00	1125.00
501	-901	-902	-941	-940	PP	G	0.00	0.00	1125.00
501	-940	-941	-979	-978	PP	G	0.00	0.00	1125.00
501	-824	-825	-864	-863	PP	G	0.00	0.00	1125.00
501	-863	-864	-903	-902	PP	G	0.00	0.00	1125.00
501	-902	-903	-942	-941	PP	G	0.00	0.00	1125.00
501	-941	-942	-980	-979	PP	G	0.00	0.00	1125.00
501	-825	-826	-865	-864	PP	G	0.00	0.00	1125.00
501	-864	-865	-904	-903	PP	G	0.00	0.00	1125.00
501	-903	-904	-943	-942	PP	G	0.00	0.00	1125.00
501	-942	-943	-981	-980	PP	G	0.00	0.00	1125.00
501	-826	-827	-866	-865	PP	G	0.00	0.00	1125.00
501	-865	-866	-905	-904	PP	G	0.00	0.00	1125.00
501	-904	-905	-944	-943	PP	G	0.00	0.00	1125.00
501	-943	-944	-982	-981	PP	G	0.00	0.00	1125.00
501	-265	-264	-305	-305	PP	G	0.00	0.00	1125.00
501	-306	-307	-346	-345	PP	G	0.00	0.00	1125.00
501	-345	-346	-385	-384	PP	G	0.00	0.00	1125.00
501	-384	-385	-423	4	PP	G	0.00	0.00	1125.00
501	-4256	-986	-1024	-4258	PP	G	0.00	0.00	1125.00
501	-268	-265	-307	-306	PP	G	0.00	0.00	1125.00
501	-307	-308	-347	-346	PP	G	0.00	0.00	1125.00
501	-346	-347	-386	-385	PP	G	0.00	0.00	1125.00
501	-385	-386	-424	-423	PP	G	0.00	0.00	1125.00
501	-264	-263	-304	-305	PP	G	0.00	0.00	1125.00
501	-305	-304	-309	-308	PP	G	0.00	0.00	1125.00
501	-308	-309	-348	-347	PP	G	0.00	0.00	1125.00
501	-347	-348	-387	-386	PP	G	0.00	0.00	1125.00
501	-386	-387	-425	-424	PP	G	0.00	0.00	1125.00
501	-263	-228	-269	-304	PP	G	0.00	0.00	1125.00
501	-304	-269	-310	-309	PP	G	0.00	0.00	1125.00
501	-309	-310	-349	-348	PP	G	0.00	0.00	1125.00
501	-1541	-1542	-1597	-1596	PP	G	0.00	0.00	1125.00
501	-387	-388	-426	-425	PP	G	0.00	0.00	1125.00
501	-269	-270	-311	-310	PP	G	0.00	0.00	1125.00
501	-310	-311	-350	-349	PP	G	0.00	0.00	1125.00
501	-349	-350	-389	-388	PP	G	0.00	0.00	1125.00
501	-388	-389	-427	-426	PP	G	0.00	0.00	1125.00
501	-229	-230	-271	-270	PP	G	0.00	0.00	1125.00
501	-270	-271	-312	-311	PP	G	0.00	0.00	1125.00
501	-311	-312	-351	-350	PP	G	0.00	0.00	1125.00
501	-350	-351	-390	-389	PP	G	0.00	0.00	1125.00
501	-389	-390	-428	-427	PP	G	0.00	0.00	1125.00
501	-230	-231	-272	-271	PP	G	0.00	0.00	1125.00
501	-271	-272	-313	-312	PP	G	0.00	0.00	1125.00
501	-312	-313	-352	-351	PP	G	0.00	0.00	1125.00
501	-351	-352	-391	-390	PP	G	0.00	0.00	1125.00
501	-390	-391	-429	-428	PP	G	0.00	0.00	1125.00
501	-231	-232	-273	-272	PP	G	0.00	0.00	1125.00
501	-272	-273	-314	-313	PP	G	0.00	0.00	1125.00
501	-313	-314	-353	-352	PP	G	0.00	0.00	1125.00
501	-352	-353	-392	-391	PP	G	0.00	0.00	1125.00
501	-391	-392	-430	-429	PP	G	0.00	0.00	1125.00
501	-232	-233	-274	-273	PP	G	0.00	0.00	1125.00
501	-273	-274	-315	-314	PP	G	0.00	0.00	1125.00
501	-314	-315	-354	-353	PP	G	0.00	0.00	1125.00
501	-353	-354	-393	-392	PP	G	0.00	0.00	1125.00
501	-392	-393	-431	-430	PP	G	0.00	0.00	1125.00

501	-233	-234	-275	-274	PP	G	0.00	0.00	1125.00
501	-274	-275	-316	-315	PP	G	0.00	0.00	1125.00
501	-315	-316	-355	-354	PP	G	0.00	0.00	1125.00
501	-354	-355	-394	-393	PP	G	0.00	0.00	1125.00
501	-393	-394	-432	-431	PP	G	0.00	0.00	1125.00
501	-234	-235	-276	-275	PP	G	0.00	0.00	1125.00
501	-275	-276	-317	-316	PP	G	0.00	0.00	1125.00
501	-316	-317	-356	-355	PP	G	0.00	0.00	1125.00
501	-355	-356	-395	-394	PP	G	0.00	0.00	1125.00
501	-394	-395	-433	-432	PP	G	0.00	0.00	1125.00
501	-235	-236	-277	-276	PP	G	0.00	0.00	1125.00
501	-276	-277	-318	-317	PP	G	0.00	0.00	1125.00
501	-317	-318	-357	-356	PP	G	0.00	0.00	1125.00
501	-356	-357	-396	-395	PP	G	0.00	0.00	1125.00
501	-395	-396	-434	-433	PP	G	0.00	0.00	1125.00
501	-236	-237	-278	-277	PP	G	0.00	0.00	1125.00
501	-277	-278	-319	-318	PP	G	0.00	0.00	1125.00
501	-1603	-1604	-1651	-1650	PP	G	0.00	0.00	1125.00
501	-1494	-1495	-1550	-1549	PP	G	0.00	0.00	1125.00
501	-1549	-1550	-1605	-1604	PP	G	0.00	0.00	1125.00
501	-1604	-1605	-1652	-1651	PP	G	0.00	0.00	1125.00
501	-1440	-1441	-1496	-1495	PP	G	0.00	0.00	1125.00
501	-1495	-1496	-1551	-1550	PP	G	0.00	0.00	1125.00
501	-1550	-1551	-1606	-1605	PP	G	0.00	0.00	1125.00
501	-1605	-1606	-1653	-1652	PP	G	0.00	0.00	1125.00
501	-1441	-1442	-1497	-1496	PP	G	0.00	0.00	1125.00
501	-1496	-1497	-1552	-1551	PP	G	0.00	0.00	1125.00
501	-1551	-1552	-1607	-1606	PP	G	0.00	0.00	1125.00
501	-1606	-1607	-1654	-1653	PP	G	0.00	0.00	1125.00
501	-1442	-1443	-1498	-1497	PP	G	0.00	0.00	1125.00
501	-1497	-1498	-1553	-1552	PP	G	0.00	0.00	1125.00
501	-1552	-1553	-1608	-1607	PP	G	0.00	0.00	1125.00
501	-1607	-1608	-1655	-1654	PP	G	0.00	0.00	1125.00
501	-1443	-1444	-1499	-1498	PP	G	0.00	0.00	1125.00
501	-1498	-1499	-1554	-1553	PP	G	0.00	0.00	1125.00
501	-1553	-1554	-1609	-1608	PP	G	0.00	0.00	1125.00
501	-1608	-1609	-1656	-1655	PP	G	0.00	0.00	1125.00
501	-1444	-1445	-1500	-1499	PP	G	0.00	0.00	1125.00
501	-1499	-1500	-1555	-1554	PP	G	0.00	0.00	1125.00
501	-1554	-1555	-1610	-1609	PP	G	0.00	0.00	1125.00
501	-1609	-1610	-1657	-1656	PP	G	0.00	0.00	1125.00
501	-1445	-1446	-1501	-1500	PP	G	0.00	0.00	1125.00
501	-1500	-1501	-1556	-1555	PP	G	0.00	0.00	1125.00
501	-1555	-1556	-1611	-1610	PP	G	0.00	0.00	1125.00
501	-1610	-1611	-1658	-1657	PP	G	0.00	0.00	1125.00
501	-1446	-1447	-1502	-1501	PP	G	0.00	0.00	1125.00
501	-1501	-1502	-1557	-1556	PP	G	0.00	0.00	1125.00
501	-1556	-1557	-1612	-1611	PP	G	0.00	0.00	1125.00
501	-1611	-1612	-1659	-1658	PP	G	0.00	0.00	1125.00
501	-1447	-1448	-1503	-1502	PP	G	0.00	0.00	1125.00
501	-1502	-1503	-1558	-1557	PP	G	0.00	0.00	1125.00
501	-463	-464	-503	-502	PP	G	0.00	0.00	1125.00
501	-502	-503	-542	-541	PP	G	0.00	0.00	1125.00
501	-427	-428	-465	-464	PP	G	0.00	0.00	1125.00
501	-464	-465	-504	-503	PP	G	0.00	0.00	1125.00
501	-503	-504	-543	-542	PP	G	0.00	0.00	1125.00
501	-428	-429	-466	-465	PP	G	0.00	0.00	1125.00
501	-465	-466	-505	-504	PP	G	0.00	0.00	1125.00
501	-504	-505	-544	-543	PP	G	0.00	0.00	1125.00
501	-429	-430	-467	-466	PP	G	0.00	0.00	1125.00
501	-466	-467	-506	-505	PP	G	0.00	0.00	1125.00
501	-505	-506	-545	-544	PP	G	0.00	0.00	1125.00
501	-430	-431	-468	-467	PP	G	0.00	0.00	1125.00
501	-467	-468	-507	-506	PP	G	0.00	0.00	1125.00
501	-506	-507	-546	-545	PP	G	0.00	0.00	1125.00
501	-431	-432	-469	-468	PP	G	0.00	0.00	1125.00
501	-468	-469	-508	-507	PP	G	0.00	0.00	1125.00
501	-507	-508	-547	-546	PP	G	0.00	0.00	1125.00
501	-432	-433	-470	-469	PP	G	0.00	0.00	1125.00
501	-469	-470	-509	-508	PP	G	0.00	0.00	1125.00
501	-508	-509	-548	-547	PP	G	0.00	0.00	1125.00
501	-433	-434	-471	-470	PP	G	0.00	0.00	1125.00
501	-470	-471	-510	-509	PP	G	0.00	0.00	1125.00
501	-509	-510	-549	-548	PP	G	0.00	0.00	1125.00
501	-434	-435	-472	-471	PP	G	0.00	0.00	1125.00
501	-471	-472	-511	-510	PP	G	0.00	0.00	1125.00
501	-510	-511	-550	-549	PP	G	0.00	0.00	1125.00
501	-435	-436	-473	-472	PP	G	0.00	0.00	1125.00
501	-472	-473	-512	-511	PP	G	0.00	0.00	1125.00
501	-511	-512	-551	-550	PP	G	0.00	0.00	1125.00
501	-436	-437	-474	-473	PP	G	0.00	0.00	1125.00
501	-473	-474	-513	-512	PP	G	0.00	0.00	1125.00

501	-512	-513	-552	-551	PP	G	0.00	0.00	1125.00
501	-437	-438	-475	-474	PP	G	0.00	0.00	1125.00
501	-474	-475	-514	-513	PP	G	0.00	0.00	1125.00
501	-513	-514	-553	-552	PP	G	0.00	0.00	1125.00
501	-438	-439	-476	-475	PP	G	0.00	0.00	1125.00
501	-475	-476	-515	-514	PP	G	0.00	0.00	1125.00
501	-514	-515	-554	-553	PP	G	0.00	0.00	1125.00
501	-576	-577	-616	-615	PP	G	0.00	0.00	1125.00
501	-615	-616	-655	-654	PP	G	0.00	0.00	1125.00
501	-654	-655	-694	-693	PP	G	0.00	0.00	1125.00
501	-693	-694	-733	-732	PP	G	0.00	0.00	1125.00
501	-732	-733	-772	-771	PP	G	0.00	0.00	1125.00
501	-771	-772	-811	-810	PP	G	0.00	0.00	1125.00
501	-538	-539	-578	-577	PP	G	0.00	0.00	1125.00
501	-577	-578	-617	-616	PP	G	0.00	0.00	1125.00
501	-616	-617	-656	-655	PP	G	0.00	0.00	1125.00
501	-655	-656	-695	-694	PP	G	0.00	0.00	1125.00
501	-694	-695	-734	-733	PP	G	0.00	0.00	1125.00
501	-733	-734	-773	-772	PP	G	0.00	0.00	1125.00
501	-772	-773	-812	-811	PP	G	0.00	0.00	1125.00
501	-539	-540	-579	-578	PP	G	0.00	0.00	1125.00
501	-578	-579	-618	-617	PP	G	0.00	0.00	1125.00
501	-617	-618	-657	-656	PP	G	0.00	0.00	1125.00
501	-656	-657	-696	-695	PP	G	0.00	0.00	1125.00
501	-695	-696	-735	-734	PP	G	0.00	0.00	1125.00
501	-734	-735	-774	-773	PP	G	0.00	0.00	1125.00
501	-773	-774	-813	-812	PP	G	0.00	0.00	1125.00
501	-540	-541	-580	-579	PP	G	0.00	0.00	1125.00
501	-579	-580	-619	-618	PP	G	0.00	0.00	1125.00
501	-618	-619	-658	-657	PP	G	0.00	0.00	1125.00
501	-657	-658	-697	-696	PP	G	0.00	0.00	1125.00
501	-696	-697	-736	-735	PP	G	0.00	0.00	1125.00
501	-735	-736	-775	-774	PP	G	0.00	0.00	1125.00
501	-774	-775	-814	-813	PP	G	0.00	0.00	1125.00
501	-580	-581	-620	-619	PP	G	0.00	0.00	1125.00
501	-619	-620	-659	-658	PP	G	0.00	0.00	1125.00
501	-658	-659	-698	-697	PP	G	0.00	0.00	1125.00
501	-697	-698	-737	-736	PP	G	0.00	0.00	1125.00
501	-736	-737	-776	-775	PP	G	0.00	0.00	1125.00
501	-775	-776	-815	-814	PP	G	0.00	0.00	1125.00
501	-542	-543	-582	-581	PP	G	0.00	0.00	1125.00
501	-581	-582	-621	-620	PP	G	0.00	0.00	1125.00
501	-620	-621	-660	-659	PP	G	0.00	0.00	1125.00
501	-659	-660	-699	-698	PP	G	0.00	0.00	1125.00
501	-698	-699	-738	-737	PP	G	0.00	0.00	1125.00
501	-737	-738	-777	-776	PP	G	0.00	0.00	1125.00
501	-776	-777	-816	-815	PP	G	0.00	0.00	1125.00
501	-543	-544	-583	-582	PP	G	0.00	0.00	1125.00
501	-582	-583	-622	-621	PP	G	0.00	0.00	1125.00
501	-621	-622	-661	-660	PP	G	0.00	0.00	1125.00
501	-660	-661	-700	-699	PP	G	0.00	0.00	1125.00
501	-699	-700	-739	-738	PP	G	0.00	0.00	1125.00
501	-738	-739	-778	-777	PP	G	0.00	0.00	1125.00
501	-777	-778	-817	-816	PP	G	0.00	0.00	1125.00
501	-544	-545	-584	-583	PP	G	0.00	0.00	1125.00
501	-583	-584	-623	-622	PP	G	0.00	0.00	1125.00
501	-622	-623	-662	-661	PP	G	0.00	0.00	1125.00
501	-661	-662	-701	-700	PP	G	0.00	0.00	1125.00
501	-700	-701	-740	-739	PP	G	0.00	0.00	1125.00
501	-739	-740	-779	-778	PP	G	0.00	0.00	1125.00
501	-778	-779	-818	-817	PP	G	0.00	0.00	1125.00
501	-545	-546	-585	-584	PP	G	0.00	0.00	1125.00
501	-584	-585	-624	-623	PP	G	0.00	0.00	1125.00
501	-623	-624	-663	-662	PP	G	0.00	0.00	1125.00
501	-662	-663	-702	-701	PP	G	0.00	0.00	1125.00
501	-701	-702	-741	-740	PP	G	0.00	0.00	1125.00
501	-740	-741	-780	-779	PP	G	0.00	0.00	1125.00
501	-779	-780	-819	-818	PP	G	0.00	0.00	1125.00
501	-546	-547	-586	-585	PP	G	0.00	0.00	1125.00
501	-585	-586	-625	-624	PP	G	0.00	0.00	1125.00
501	-624	-625	-664	-663	PP	G	0.00	0.00	1125.00
501	-663	-664	-703	-702	PP	G	0.00	0.00	1125.00
501	-702	-703	-742	-741	PP	G	0.00	0.00	1125.00
501	-741	-742	-781	-780	PP	G	0.00	0.00	1125.00
501	-780	-781	-820	-819	PP	G	0.00	0.00	1125.00
501	-547	-548	-587	-586	PP	G	0.00	0.00	1125.00
501	-586	-587	-626	-625	PP	G	0.00	0.00	1125.00
501	-625	-626	-665	-664	PP	G	0.00	0.00	1125.00
501	-664	-665	-704	-703	PP	G	0.00	0.00	1125.00
501	-703	-704	-743	-742	PP	G	0.00	0.00	1125.00
501	-742	-743	-782	-781	PP	G	0.00	0.00	1125.00
501	-781	-782	-821	-820	PP	G	0.00	0.00	1125.00

501	-548	-549	-588	-587	PP	G	0.00	0.00	1125.00
501	-587	-588	-627	-626	PP	G	0.00	0.00	1125.00
501	-626	-627	-666	-665	PP	G	0.00	0.00	1125.00
501	-665	-666	-705	-704	PP	G	0.00	0.00	1125.00
501	-704	-705	-744	-743	PP	G	0.00	0.00	1125.00
501	-743	-744	-783	-782	PP	G	0.00	0.00	1125.00
501	-782	-783	-822	-821	PP	G	0.00	0.00	1125.00
501	-549	-550	-589	-588	PP	G	0.00	0.00	1125.00
501	-588	-589	-628	-627	PP	G	0.00	0.00	1125.00
501	-627	-628	-667	-666	PP	G	0.00	0.00	1125.00
501	-666	-667	-706	-705	PP	G	0.00	0.00	1125.00
501	-705	-706	-745	-744	PP	G	0.00	0.00	1125.00
501	-744	-745	-784	-783	PP	G	0.00	0.00	1125.00
501	-783	-784	-823	-822	PP	G	0.00	0.00	1125.00
501	-550	-551	-590	-589	PP	G	0.00	0.00	1125.00
501	-589	-590	-629	-628	PP	G	0.00	0.00	1125.00
501	-628	-629	-668	-667	PP	G	0.00	0.00	1125.00
501	-667	-668	-707	-706	PP	G	0.00	0.00	1125.00
501	-706	-707	-746	-745	PP	G	0.00	0.00	1125.00
501	-745	-746	-785	-784	PP	G	0.00	0.00	1125.00
501	-784	-785	-824	-823	PP	G	0.00	0.00	1125.00
501	-551	-552	-591	-590	PP	G	0.00	0.00	1125.00
501	-590	-591	-630	-629	PP	G	0.00	0.00	1125.00
501	-629	-630	-669	-668	PP	G	0.00	0.00	1125.00
501	-668	-669	-708	-707	PP	G	0.00	0.00	1125.00
501	-707	-708	-747	-746	PP	G	0.00	0.00	1125.00
501	-746	-747	-786	-785	PP	G	0.00	0.00	1125.00
501	-785	-786	-825	-824	PP	G	0.00	0.00	1125.00
501	-552	-553	-592	-591	PP	G	0.00	0.00	1125.00
501	-591	-592	-631	-630	PP	G	0.00	0.00	1125.00
501	-630	-631	-670	-669	PP	G	0.00	0.00	1125.00
501	-669	-670	-709	-708	PP	G	0.00	0.00	1125.00
501	-708	-709	-748	-747	PP	G	0.00	0.00	1125.00
501	-747	-748	-787	-786	PP	G	0.00	0.00	1125.00
501	-786	-787	-826	-825	PP	G	0.00	0.00	1125.00
501	-553	-554	-593	-592	PP	G	0.00	0.00	1125.00
501	-592	-593	-632	-631	PP	G	0.00	0.00	1125.00
501	-631	-632	-671	-670	PP	G	0.00	0.00	1125.00
501	-670	-671	-710	-709	PP	G	0.00	0.00	1125.00
501	-709	-710	-749	-748	PP	G	0.00	0.00	1125.00
501	-748	-749	-788	-787	PP	G	0.00	0.00	1125.00
501	-787	-788	-827	-826	PP	G	0.00	0.00	1125.00
501	-186	-183	-224	-227	PP	G	0.00	0.00	1125.00
501	-227	-224	-265	-268	PP	G	0.00	0.00	1125.00
501	-108	-109	-182	-183	PP	G	0.00	0.00	1125.00
501	-183	-182	-223	-224	PP	G	0.00	0.00	1125.00
501	-224	-223	-264	-265	PP	G	0.00	0.00	1125.00
501	-109	-110	-181	-182	PP	G	0.00	0.00	1125.00
501	-182	-181	-222	-223	PP	G	0.00	0.00	1125.00
501	-223	-222	-263	-264	PP	G	0.00	0.00	1125.00
501	-110	-111	-146	-181	PP	G	0.00	0.00	1125.00
501	-181	-146	-187	-222	PP	G	0.00	0.00	1125.00
501	-222	-187	-228	-263	PP	G	0.00	0.00	1125.00
501	-66	-67	-108	-107	PP	G	0.00	0.00	1125.00
501	-29	-30	-68	-67	PP	G	0.00	0.00	1125.00
501	-67	-68	-109	-108	PP	G	0.00	0.00	1125.00
501	-30	-31	-69	-68	PP	G	0.00	0.00	1125.00
501	-68	-69	-110	-109	PP	G	0.00	0.00	1125.00
501	-31	-32	-70	-69	PP	G	0.00	0.00	1125.00
501	-69	-70	-111	-110	PP	G	0.00	0.00	1125.00
501	-1105	-1106	-1145	-1144	PP	G	0.00	0.00	1125.00
501	-1106	-1107	-1146	-1145	PP	G	0.00	0.00	1125.00
501	-1112	-1113	-1152	-1151	PP	G	0.00	0.00	1125.00
501	-128	-129	-164	-163	PP	G	0.00	0.00	1125.00
501	-245	-246	-287	-286	PP	G	0.00	0.00	1125.00
501	5	-4280	-4282	-4281	PP	G	0.00	0.00	1125.00
501	-558	-559	-598	-597	PP	G	0.00	0.00	1125.00
501	-831	-832	-871	-870	PP	G	0.00	0.00	1125.00
501	9	-4264	-4266	-4265	PP	G	0.00	0.00	1125.00
501	-132	-133	-168	-167	PP	G	0.00	0.00	1125.00
501	-133	-134	-169	-168	PP	G	0.00	0.00	1125.00
501	-348	-349	-388	-387	PP	G	0.00	0.00	1125.00
501	-139	-140	-175	-174	PP	G	0.00	0.00	1125.00
501	-249	-250	-291	-290	PP	G	0.00	0.00	1125.00
501	-250	-251	-292	-291	PP	G	0.00	0.00	1125.00
501	-256	-257	-298	-297	PP	G	0.00	0.00	1125.00
501	-446	-447	-485	-484	PP	G	0.00	0.00	1125.00
501	-447	-448	-486	-485	PP	G	0.00	0.00	1125.00
501	-453	-454	-492	-491	PP	G	0.00	0.00	1125.00
501	-562	-563	-602	-601	PP	G	0.00	0.00	1125.00
501	-70	-71	-112	-111	PP	G	0.00	0.00	1125.00
501	-33	-34	-72	-71	PP	G	0.00	0.00	1125.00

501	-71	-72	-113	-112	PP	G	0.00	0.00	1125.00
501	-34	-35	-73	-72	PP	G	0.00	0.00	1125.00
501	-72	-73	-114	-113	PP	G	0.00	0.00	1125.00
501	-35	-36	-74	-73	PP	G	0.00	0.00	1125.00
501	-73	-74	-115	-114	PP	G	0.00	0.00	1125.00
501	-36	-37	-75	-74	PP	G	0.00	0.00	1125.00
501	-74	-75	-116	-115	PP	G	0.00	0.00	1125.00
501	-37	-38	-76	-75	PP	G	0.00	0.00	1125.00
501	-75	-76	-117	-116	PP	G	0.00	0.00	1125.00
501	-38	-39	-77	-76	PP	G	0.00	0.00	1125.00
501	-76	-77	-118	-117	PP	G	0.00	0.00	1125.00
501	-39	-40	-78	-77	PP	G	0.00	0.00	1125.00
501	-77	-78	-119	-118	PP	G	0.00	0.00	1125.00
501	-40	-41	-79	-78	PP	G	0.00	0.00	1125.00
501	-78	-79	-120	-119	PP	G	0.00	0.00	1125.00
501	-41	-42	-80	-79	PP	G	0.00	0.00	1125.00
501	-79	-80	-121	-120	PP	G	0.00	0.00	1125.00
501	-42	-43	-81	-80	PP	G	0.00	0.00	1125.00
501	-80	-81	-122	-121	PP	G	0.00	0.00	1125.00
501	-43	-44	-82	-81	PP	G	0.00	0.00	1125.00
501	-81	-82	-123	-122	PP	G	0.00	0.00	1125.00
501	-44	-45	-83	-82	PP	G	0.00	0.00	1125.00
501	-82	-83	-124	-123	PP	G	0.00	0.00	1125.00
501	-146	-147	-188	-187	PP	G	0.00	0.00	1125.00
501	-187	-188	-229	-228	PP	G	0.00	0.00	1125.00
501	-112	-113	-148	-147	PP	G	0.00	0.00	1125.00
501	-147	-148	-189	-188	PP	G	0.00	0.00	1125.00
501	-188	-189	-230	-229	PP	G	0.00	0.00	1125.00
501	-113	-114	-149	-148	PP	G	0.00	0.00	1125.00
501	-148	-149	-190	-189	PP	G	0.00	0.00	1125.00
501	-189	-190	-231	-230	PP	G	0.00	0.00	1125.00
501	-114	-115	-150	-149	PP	G	0.00	0.00	1125.00
501	-318	-319	-358	-357	PP	G	0.00	0.00	1125.00
501	-357	-358	-397	-396	PP	G	0.00	0.00	1125.00
501	-396	-397	-435	-434	PP	G	0.00	0.00	1125.00
501	-237	-238	-279	-278	PP	G	0.00	0.00	1125.00
501	-278	-279	-320	-319	PP	G	0.00	0.00	1125.00
501	-319	-320	-359	-358	PP	G	0.00	0.00	1125.00
501	-358	-359	-398	-397	PP	G	0.00	0.00	1125.00
501	-397	-398	-436	-435	PP	G	0.00	0.00	1125.00
501	-238	-239	-280	-279	PP	G	0.00	0.00	1125.00
501	-279	-280	-321	-320	PP	G	0.00	0.00	1125.00
501	-320	-321	-360	-359	PP	G	0.00	0.00	1125.00
501	-359	-360	-399	-398	PP	G	0.00	0.00	1125.00
501	-398	-399	-437	-436	PP	G	0.00	0.00	1125.00
501	-239	-240	-281	-280	PP	G	0.00	0.00	1125.00
501	-280	-281	-322	-321	PP	G	0.00	0.00	1125.00
501	-321	-322	-361	-360	PP	G	0.00	0.00	1125.00
501	-360	-361	-400	-399	PP	G	0.00	0.00	1125.00
501	-399	-400	-438	-437	PP	G	0.00	0.00	1125.00
501	-240	-241	-282	-281	PP	G	0.00	0.00	1125.00
501	-281	-282	-323	-322	PP	G	0.00	0.00	1125.00
501	-322	-323	-362	-361	PP	G	0.00	0.00	1125.00
501	-361	-362	-401	-400	PP	G	0.00	0.00	1125.00
501	-400	-401	-439	-438	PP	G	0.00	0.00	1125.00
501	-459	-460	-499	-498	PP	G	0.00	0.00	1125.00
501	-498	-499	-538	-537	PP	G	0.00	0.00	1125.00
501	-423	-424	-461	-460	PP	G	0.00	0.00	1125.00
501	-460	-461	-500	-499	PP	G	0.00	0.00	1125.00
501	-499	-500	-539	-538	PP	G	0.00	0.00	1125.00
501	-424	-425	-462	-461	PP	G	0.00	0.00	1125.00
501	-461	-462	-501	-500	PP	G	0.00	0.00	1125.00
501	-500	-501	-540	-539	PP	G	0.00	0.00	1125.00
501	-425	-426	-463	-462	PP	G	0.00	0.00	1125.00
501	-462	-463	-502	-501	PP	G	0.00	0.00	1125.00
501	-501	-502	-541	-540	PP	G	0.00	0.00	1125.00
501	-48	-49	-87	-86	PP	G	0.00	0.00	1125.00
501	-86	-87	-128	-127	PP	G	0.00	0.00	1125.00
501	-87	-88	-129	-128	PP	G	0.00	0.00	1125.00
501	-50	-51	-89	-88	PP	G	0.00	0.00	1125.00
501	-88	-89	-130	-129	PP	G	0.00	0.00	1125.00
501	-51	-52	-90	-89	PP	G	0.00	0.00	1125.00
501	-89	-90	-131	-130	PP	G	0.00	0.00	1125.00
501	-52	-53	-91	-90	PP	G	0.00	0.00	1125.00
501	-90	-91	-132	-131	PP	G	0.00	0.00	1125.00
501	-91	-92	-133	-132	PP	G	0.00	0.00	1125.00
501	-8	-9	-16	-15	PP	G	0.00	0.00	1125.00
501	-15	-16	-23	-22	PP	G	0.00	0.00	1125.00
501	-22	-23	-55	-54	PP	G	0.00	0.00	1125.00
501	-2	-3	-10	-9	PP	G	0.00	0.00	1125.00
501	-9	-10	-17	-16	PP	G	0.00	0.00	1125.00
501	-16	-17	-24	-23	PP	G	0.00	0.00	1125.00

501	-23	-24	-56	-55	PP	G	0.00	0.00	1125.00
501	-3	-4	-11	-10	PP	G	0.00	0.00	1125.00
501	-10	-11	-18	-17	PP	G	0.00	0.00	1125.00
501	-17	-18	-25	-24	PP	G	0.00	0.00	1125.00
501	-24	-25	-57	-56	PP	G	0.00	0.00	1125.00
501	-4	-5	-12	-11	PP	G	0.00	0.00	1125.00
501	-11	-12	-19	-18	PP	G	0.00	0.00	1125.00
501	-18	-19	-26	-25	PP	G	0.00	0.00	1125.00
501	-25	-26	-58	-57	PP	G	0.00	0.00	1125.00
501	-5	-6	-13	-12	PP	G	0.00	0.00	1125.00
501	-12	-13	-20	-19	PP	G	0.00	0.00	1125.00
501	-19	-20	-27	-26	PP	G	0.00	0.00	1125.00
501	-26	-27	-59	-58	PP	G	0.00	0.00	1125.00
501	-6	-7	-14	-13	PP	G	0.00	0.00	1125.00
501	-13	-14	-21	-20	PP	G	0.00	0.00	1125.00
501	-20	-21	-28	-27	PP	G	0.00	0.00	1125.00
501	-27	-28	-60	-59	PP	G	0.00	0.00	1125.00
501	-92	-93	-134	-133	PP	G	0.00	0.00	1125.00
501	-55	-56	-94	-93	PP	G	0.00	0.00	1125.00
501	-93	-94	-135	-134	PP	G	0.00	0.00	1125.00
501	-56	-57	-95	-94	PP	G	0.00	0.00	1125.00
501	-94	-95	-136	-135	PP	G	0.00	0.00	1125.00
501	-57	-58	-96	-95	PP	G	0.00	0.00	1125.00
501	-95	-96	-137	-136	PP	G	0.00	0.00	1125.00
501	-58	-59	-97	-96	PP	G	0.00	0.00	1125.00
501	-96	-97	-138	-137	PP	G	0.00	0.00	1125.00
501	-59	-60	-98	-97	PP	G	0.00	0.00	1125.00
501	-97	-98	-139	-138	PP	G	0.00	0.00	1125.00
501	-98	-99	-140	-139	PP	G	0.00	0.00	1125.00
501	-61	-62	-100	-99	PP	G	0.00	0.00	1125.00
501	-99	-100	-141	-140	PP	G	0.00	0.00	1125.00
501	-62	-63	-101	-100	PP	G	0.00	0.00	1125.00
501	-100	-101	-142	-141	PP	G	0.00	0.00	1125.00
501	-63	-64	-102	-101	PP	G	0.00	0.00	1125.00
501	-101	-102	-143	-142	PP	G	0.00	0.00	1125.00
501	-64	-65	-103	-102	PP	G	0.00	0.00	1125.00
501	-102	-103	-144	-143	PP	G	0.00	0.00	1125.00
501	-65	2	-104	-103	PP	G	0.00	0.00	1125.00
501	-103	-104	-145	-144	PP	G	0.00	0.00	1125.00
501	-1687	-1688	-1695	-1694	PP	G	0.00	0.00	1125.00
501	-1674	-1675	-1689	-1688	PP	G	0.00	0.00	1125.00
501	-1688	-1689	-1696	-1695	PP	G	0.00	0.00	1125.00
501	-1675	-1676	-1690	-1689	PP	G	0.00	0.00	1125.00
501	-1689	-1690	-1697	-1696	PP	G	0.00	0.00	1125.00
501	-1676	-1677	-1691	-1690	PP	G	0.00	0.00	1125.00
501	-1690	-1691	-1698	-1697	PP	G	0.00	0.00	1125.00
501	-1677	-1678	-1692	-1691	PP	G	0.00	0.00	1125.00
501	-1691	-1692	-1699	-1698	PP	G	0.00	0.00	1125.00
501	-1678	-1679	-1693	-1692	PP	G	0.00	0.00	1125.00
501	-1692	-1693	-1700	-1699	PP	G	0.00	0.00	1125.00
501	-159	-160	-201	-200	PP	G	0.00	0.00	1125.00
501	-200	-201	-242	-241	PP	G	0.00	0.00	1125.00
501	-125	-126	-161	-160	PP	G	0.00	0.00	1125.00
501	-160	-161	-202	-201	PP	G	0.00	0.00	1125.00
501	-201	-202	-243	-242	PP	G	0.00	0.00	1125.00
501	-126	-127	-162	-161	PP	G	0.00	0.00	1125.00
501	-161	-162	-203	-202	PP	G	0.00	0.00	1125.00
501	-202	-203	-244	-243	PP	G	0.00	0.00	1125.00
501	-127	-128	-163	-162	PP	G	0.00	0.00	1125.00
501	-162	-163	-204	-203	PP	G	0.00	0.00	1125.00
501	-203	-204	-245	-244	PP	G	0.00	0.00	1125.00
501	-282	-283	-324	-323	PP	G	0.00	0.00	1125.00
501	-323	-324	-363	-362	PP	G	0.00	0.00	1125.00
501	-362	-363	-402	-401	PP	G	0.00	0.00	1125.00
501	-401	-402	-440	-439	PP	G	0.00	0.00	1125.00
501	-242	-243	-284	-283	PP	G	0.00	0.00	1125.00
501	-283	-284	-325	-324	PP	G	0.00	0.00	1125.00
501	-324	-325	-364	-363	PP	G	0.00	0.00	1125.00
501	-363	-364	-403	-402	PP	G	0.00	0.00	1125.00
501	-402	-403	-441	-440	PP	G	0.00	0.00	1125.00
501	-243	-244	-285	-284	PP	G	0.00	0.00	1125.00
501	-284	-285	-326	-325	PP	G	0.00	0.00	1125.00
501	-325	-326	-365	-364	PP	G	0.00	0.00	1125.00
501	-364	-365	-404	-403	PP	G	0.00	0.00	1125.00
501	-403	-404	-442	-441	PP	G	0.00	0.00	1125.00
501	-244	-245	-286	-285	PP	G	0.00	0.00	1125.00
501	-285	-286	-327	-326	PP	G	0.00	0.00	1125.00
501	-326	-327	-366	-365	PP	G	0.00	0.00	1125.00
501	-365	-366	-405	-404	PP	G	0.00	0.00	1125.00
501	-4285	-4284	5	-4283	PP	G	0.00	0.00	1125.00
501	-476	-477	-516	-515	PP	G	0.00	0.00	1125.00
501	-515	-516	-555	-554	PP	G	0.00	0.00	1125.00

501	-440	-441	-478	-477	PP	G	0.00	0.00	1125.00
501	-477	-478	-517	-516	PP	G	0.00	0.00	1125.00
501	-516	-517	-556	-555	PP	G	0.00	0.00	1125.00
501	-441	-442	-479	-478	PP	G	0.00	0.00	1125.00
501	-478	-479	-518	-517	PP	G	0.00	0.00	1125.00
501	-517	-518	-557	-556	PP	G	0.00	0.00	1125.00
501	-4283	5	-4281	-4286	PP	G	0.00	0.00	1125.00
501	-479	-480	-519	-518	PP	G	0.00	0.00	1125.00
501	-518	-519	-558	-557	PP	G	0.00	0.00	1125.00
501	-593	-594	-633	-632	PP	G	0.00	0.00	1125.00
501	-632	-633	-672	-671	PP	G	0.00	0.00	1125.00
501	-671	-672	-711	-710	PP	G	0.00	0.00	1125.00
501	-710	-711	-750	-749	PP	G	0.00	0.00	1125.00
501	-749	-750	-789	-788	PP	G	0.00	0.00	1125.00
501	-788	-789	-828	-827	PP	G	0.00	0.00	1125.00
501	-555	-556	-595	-594	PP	G	0.00	0.00	1125.00
501	-594	-595	-634	-633	PP	G	0.00	0.00	1125.00
501	-633	-634	-673	-672	PP	G	0.00	0.00	1125.00
501	-672	-673	-712	-711	PP	G	0.00	0.00	1125.00
501	-711	-712	-751	-750	PP	G	0.00	0.00	1125.00
501	-750	-751	-790	-789	PP	G	0.00	0.00	1125.00
501	-789	-790	-829	-828	PP	G	0.00	0.00	1125.00
501	-556	-557	-596	-595	PP	G	0.00	0.00	1125.00
501	-595	-596	-635	-634	PP	G	0.00	0.00	1125.00
501	-634	-635	-674	-673	PP	G	0.00	0.00	1125.00
501	-673	-674	-713	-712	PP	G	0.00	0.00	1125.00
501	-712	-713	-752	-751	PP	G	0.00	0.00	1125.00
501	-751	-752	-791	-790	PP	G	0.00	0.00	1125.00
501	-790	-791	-830	-829	PP	G	0.00	0.00	1125.00
501	-557	-558	-597	-596	PP	G	0.00	0.00	1125.00
501	-596	-597	-636	-635	PP	G	0.00	0.00	1125.00
501	-635	-636	-675	-674	PP	G	0.00	0.00	1125.00
501	-674	-675	-714	-713	PP	G	0.00	0.00	1125.00
501	-713	-714	-753	-752	PP	G	0.00	0.00	1125.00
501	-752	-753	-792	-791	PP	G	0.00	0.00	1125.00
501	-791	-792	-831	-830	PP	G	0.00	0.00	1125.00
501	-866	-867	-906	-905	PP	G	0.00	0.00	1125.00
501	-905	-906	-945	-944	PP	G	0.00	0.00	1125.00
501	-944	-945	-983	-982	PP	G	0.00	0.00	1125.00
501	-828	-829	-868	-867	PP	G	0.00	0.00	1125.00
501	-867	-868	-907	-906	PP	G	0.00	0.00	1125.00
501	-906	-907	-946	-945	PP	G	0.00	0.00	1125.00
501	-945	-946	-984	-983	PP	G	0.00	0.00	1125.00
501	-829	-830	-869	-868	PP	G	0.00	0.00	1125.00
501	-868	-869	-908	-907	PP	G	0.00	0.00	1125.00
501	-907	-908	-947	-946	PP	G	0.00	0.00	1125.00
501	-946	-947	-985	-984	PP	G	0.00	0.00	1125.00
501	-830	-831	-870	-869	PP	G	0.00	0.00	1125.00
501	-869	-870	-909	-908	PP	G	0.00	0.00	1125.00
501	-908	-909	-948	-947	PP	G	0.00	0.00	1125.00
501	-4269	-4268	9	-4267	PP	G	0.00	0.00	1125.00
501	-1019	-1020	-1059	-1058	PP	G	0.00	0.00	1125.00
501	-1058	-1059	-1098	-1097	PP	G	0.00	0.00	1125.00
501	-983	-984	-1021	-1020	PP	G	0.00	0.00	1125.00
501	-1020	-1021	-1060	-1059	PP	G	0.00	0.00	1125.00
501	-1059	-1060	-1099	-1098	PP	G	0.00	0.00	1125.00
501	-984	-985	-1022	-1021	PP	G	0.00	0.00	1125.00
501	-1021	-1022	-1061	-1060	PP	G	0.00	0.00	1125.00
501	-1060	-1061	-1100	-1099	PP	G	0.00	0.00	1125.00
501	-4267	9	-4265	-4270	PP	G	0.00	0.00	1125.00
501	-1022	-1023	-1062	-1061	PP	G	0.00	0.00	1125.00
501	-1061	-1062	-1101	-1100	PP	G	0.00	0.00	1125.00
501	-1136	-1137	-1176	-1175	PP	G	0.00	0.00	1125.00
501	-1175	-1176	-1230	-1229	PP	G	0.00	0.00	1125.00
501	-1098	-1099	-1138	-1137	PP	G	0.00	0.00	1125.00
501	-1137	-1138	-1177	-1176	PP	G	0.00	0.00	1125.00
501	-1176	-1177	-1231	-1230	PP	G	0.00	0.00	1125.00
501	-1099	-1100	-1139	-1138	PP	G	0.00	0.00	1125.00
501	-1138	-1139	-1178	-1177	PP	G	0.00	0.00	1125.00
501	-1177	-1178	-1232	-1231	PP	G	0.00	0.00	1125.00
501	-1100	-1101	-1140	-1139	PP	G	0.00	0.00	1125.00
501	-1139	-1140	-1179	-1178	PP	G	0.00	0.00	1125.00
501	-1178	-1179	-1233	-1232	PP	G	0.00	0.00	1125.00
501	-1289	-1290	-1344	-1343	PP	G	0.00	0.00	1125.00
501	-1343	-1344	-1398	-1397	PP	G	0.00	0.00	1125.00
501	-1397	-1398	-1453	-1452	PP	G	0.00	0.00	1125.00
501	-1230	-1231	-1291	-1290	PP	G	0.00	0.00	1125.00
501	-1290	-1291	-1345	-1344	PP	G	0.00	0.00	1125.00
501	-1344	-1345	-1399	-1398	PP	G	0.00	0.00	1125.00
501	-1398	-1399	-1454	-1453	PP	G	0.00	0.00	1125.00
501	-1231	-1232	-1292	-1291	PP	G	0.00	0.00	1125.00
501	-1291	-1292	-1346	-1345	PP	G	0.00	0.00	1125.00

501	-1345	-1346	-1400	-1399	PP	G	0.00	0.00	1125.00
501	-1399	-1400	-1455	-1454	PP	G	0.00	0.00	1125.00
501	-1232	-1233	-1293	-1292	PP	G	0.00	0.00	1125.00
501	-1292	-1293	-1347	-1346	PP	G	0.00	0.00	1125.00
501	-1346	-1347	-1401	-1400	PP	G	0.00	0.00	1125.00
501	-1400	-1401	-1456	-1455	PP	G	0.00	0.00	1125.00
501	-1507	-1508	-1563	-1562	PP	G	0.00	0.00	1125.00
501	-1562	-1563	-1618	-1617	PP	G	0.00	0.00	1125.00
501	-1617	-1618	-1665	-1664	PP	G	0.00	0.00	1125.00
501	-1453	-1454	-1509	-1508	PP	G	0.00	0.00	1125.00
501	-1508	-1509	-1564	-1563	PP	G	0.00	0.00	1125.00
501	-1563	-1564	-1619	-1618	PP	G	0.00	0.00	1125.00
501	-1618	-1619	-1666	-1665	PP	G	0.00	0.00	1125.00
501	-1454	-1455	-1510	-1509	PP	G	0.00	0.00	1125.00
501	-1509	-1510	-1565	-1564	PP	G	0.00	0.00	1125.00
501	-1564	-1565	-1620	-1619	PP	G	0.00	0.00	1125.00
501	-1619	-1620	-1667	-1666	PP	G	0.00	0.00	1125.00
501	-1455	-1456	-1511	-1510	PP	G	0.00	0.00	1125.00
501	-1510	-1511	-1566	-1565	PP	G	0.00	0.00	1125.00
501	-1565	-1566	-1621	-1620	PP	G	0.00	0.00	1125.00
501	-1620	-1621	-1668	-1667	PP	G	0.00	0.00	1125.00
501	-1511	-1512	-1567	-1566	PP	G	0.00	0.00	1125.00
501	-1566	-1567	-1622	-1621	PP	G	0.00	0.00	1125.00
501	-1621	-1622	-1669	-1668	PP	G	0.00	0.00	1125.00
501	-1457	-1458	-1513	-1512	PP	G	0.00	0.00	1125.00
501	-1512	-1513	-1568	-1567	PP	G	0.00	0.00	1125.00
501	-1567	-1568	-1623	-1622	PP	G	0.00	0.00	1125.00
501	-1622	-1623	-1670	-1669	PP	G	0.00	0.00	1125.00
501	-1458	-1459	-1514	-1513	PP	G	0.00	0.00	1125.00
501	-1513	-1514	-1569	-1568	PP	G	0.00	0.00	1125.00
501	-1568	-1569	-1624	-1623	PP	G	0.00	0.00	1125.00
501	-1623	-1624	-1671	-1670	PP	G	0.00	0.00	1125.00
501	-1459	-1460	-1515	-1514	PP	G	0.00	0.00	1125.00
501	-1514	-1515	-1570	-1569	PP	G	0.00	0.00	1125.00
501	-1569	-1570	-1625	-1624	PP	G	0.00	0.00	1125.00
501	-1624	-1625	-1672	-1671	PP	G	0.00	0.00	1125.00
501	-1515	-1516	-1571	-1570	PP	G	0.00	0.00	1125.00
501	-1570	-1571	-1626	-1625	PP	G	0.00	0.00	1125.00
501	-1625	-1626	-1673	-1672	PP	G	0.00	0.00	1125.00
501	-1516	-1517	-1572	-1571	PP	G	0.00	0.00	1125.00
501	-1571	-1572	-1627	-1626	PP	G	0.00	0.00	1125.00
501	-1626	-1627	-1674	-1673	PP	G	0.00	0.00	1125.00
501	-1462	-1463	-1518	-1517	PP	G	0.00	0.00	1125.00
501	-1517	-1518	-1573	-1572	PP	G	0.00	0.00	1125.00
501	-1572	-1573	-1628	-1627	PP	G	0.00	0.00	1125.00
501	-1627	-1628	-1675	-1674	PP	G	0.00	0.00	1125.00
501	-1463	-1464	-1519	-1518	PP	G	0.00	0.00	1125.00
501	-1518	-1519	-1574	-1573	PP	G	0.00	0.00	1125.00
501	-1573	-1574	-1629	-1628	PP	G	0.00	0.00	1125.00
501	-1628	-1629	-1676	-1675	PP	G	0.00	0.00	1125.00
501	-1464	-1465	-1520	-1519	PP	G	0.00	0.00	1125.00
501	-1519	-1520	-1575	-1574	PP	G	0.00	0.00	1125.00
501	-1574	-1575	-1630	-1629	PP	G	0.00	0.00	1125.00
501	-1629	-1630	-1677	-1676	PP	G	0.00	0.00	1125.00
501	-1465	-1466	-1521	-1520	PP	G	0.00	0.00	1125.00
501	-1520	-1521	-1576	-1575	PP	G	0.00	0.00	1125.00
501	-1575	-1576	-1631	-1630	PP	G	0.00	0.00	1125.00
501	-1630	-1631	-1678	-1677	PP	G	0.00	0.00	1125.00
501	-1466	-1467	-1522	-1521	PP	G	0.00	0.00	1125.00
501	-1521	-1522	-1577	-1576	PP	G	0.00	0.00	1125.00
501	-1576	-1577	-1632	-1631	PP	G	0.00	0.00	1125.00
501	-1631	-1632	-1679	-1678	PP	G	0.00	0.00	1125.00
501	-1522	-1474	-1529	-1577	PP	G	0.00	0.00	1125.00
501	-1577	-1529	-1584	-1632	PP	G	0.00	0.00	1125.00
501	-1632	-1584	-1680	-1679	PP	G	0.00	0.00	1125.00
501	-1419	-1418	-1473	-1474	PP	G	0.00	0.00	1125.00
501	-1474	-1473	-1528	-1529	PP	G	0.00	0.00	1125.00
501	-1529	-1528	-1583	-1584	PP	G	0.00	0.00	1125.00
501	-1584	-1583	-1681	-1680	PP	G	0.00	0.00	1125.00
501	-1418	-1417	-1472	-1473	PP	G	0.00	0.00	1125.00
501	-1473	-1472	-1527	-1528	PP	G	0.00	0.00	1125.00
501	-1528	-1527	-1582	-1583	PP	G	0.00	0.00	1125.00
501	-1583	-1582	-1682	-1681	PP	G	0.00	0.00	1125.00
501	-1417	-1416	-1471	-1472	PP	G	0.00	0.00	1125.00
501	-1472	-1471	-1526	-1527	PP	G	0.00	0.00	1125.00
501	-1527	-1526	-1581	-1582	PP	G	0.00	0.00	1125.00
501	-1582	-1581	-1683	-1682	PP	G	0.00	0.00	1125.00
501	-1416	-1415	-1470	-1471	PP	G	0.00	0.00	1125.00
501	-1471	-1470	-1525	-1526	PP	G	0.00	0.00	1125.00
501	-1526	-1525	-1580	-1581	PP	G	0.00	0.00	1125.00
501	-1581	-1580	-1684	-1683	PP	G	0.00	0.00	1125.00
501	-1415	-1413	-1468	-1470	PP	G	0.00	0.00	1125.00

501	-1470	-1468	-1523	-1525	PP	G	0.00	0.00	1125.00
501	-1525	-1523	-1578	-1580	PP	G	0.00	0.00	1125.00
501	-1580	-1578	-1685	-1684	PP	G	0.00	0.00	1125.00
501	-1293	-1294	-1348	-1347	PP	G	0.00	0.00	1125.00
501	-1347	-1348	-1402	-1401	PP	G	0.00	0.00	1125.00
501	-1401	-1402	-1457	-1456	PP	G	0.00	0.00	1125.00
501	-1234	-1235	-1295	-1294	PP	G	0.00	0.00	1125.00
501	-1294	-1295	-1349	-1348	PP	G	0.00	0.00	1125.00
501	-1348	-1349	-1403	-1402	PP	G	0.00	0.00	1125.00
501	-1402	-1403	-1458	-1457	PP	G	0.00	0.00	1125.00
501	-1235	-1236	-1296	-1295	PP	G	0.00	0.00	1125.00
501	-1295	-1296	-1350	-1349	PP	G	0.00	0.00	1125.00
501	-1349	-1350	-1404	-1403	PP	G	0.00	0.00	1125.00
501	-1403	-1404	-1459	-1458	PP	G	0.00	0.00	1125.00
501	-1236	-1237	-1297	-1296	PP	G	0.00	0.00	1125.00
501	-1296	-1297	-1351	-1350	PP	G	0.00	0.00	1125.00
501	-1350	-1351	-1405	-1404	PP	G	0.00	0.00	1125.00
501	-1404	-1405	-1460	-1459	PP	G	0.00	0.00	1125.00
501	-1297	-1298	-1352	-1351	PP	G	0.00	0.00	1125.00
501	-1351	-1352	-1406	-1405	PP	G	0.00	0.00	1125.00
501	-1405	-1406	-1461	-1460	PP	G	0.00	0.00	1125.00
501	-1298	-1299	-1353	-1352	PP	G	0.00	0.00	1125.00
501	-1352	-1353	-1407	-1406	PP	G	0.00	0.00	1125.00
501	-1406	-1407	-1462	-1461	PP	G	0.00	0.00	1125.00
501	-1239	-1240	-1300	-1299	PP	G	0.00	0.00	1125.00
501	-1299	-1300	-1354	-1353	PP	G	0.00	0.00	1125.00
501	-1353	-1354	-1408	-1407	PP	G	0.00	0.00	1125.00
501	-1407	-1408	-1463	-1462	PP	G	0.00	0.00	1125.00
501	-1240	-1241	-1301	-1300	PP	G	0.00	0.00	1125.00
501	-1300	-1301	-1355	-1354	PP	G	0.00	0.00	1125.00
501	-1354	-1355	-1409	-1408	PP	G	0.00	0.00	1125.00
501	-1408	-1409	-1464	-1463	PP	G	0.00	0.00	1125.00
501	-1241	-1242	-1302	-1301	PP	G	0.00	0.00	1125.00
501	-1301	-1302	-1356	-1355	PP	G	0.00	0.00	1125.00
501	-1355	-1356	-1410	-1409	PP	G	0.00	0.00	1125.00
501	-1409	-1410	-1465	-1464	PP	G	0.00	0.00	1125.00
501	-1242	-1243	-1303	-1302	PP	G	0.00	0.00	1125.00
501	-1302	-1303	-1357	-1356	PP	G	0.00	0.00	1125.00
501	-1356	-1357	-1411	-1410	PP	G	0.00	0.00	1125.00
501	-1410	-1411	-1466	-1465	PP	G	0.00	0.00	1125.00
501	-1243	-1244	-1304	-1303	PP	G	0.00	0.00	1125.00
501	-1303	-1304	-1358	-1357	PP	G	0.00	0.00	1125.00
501	-1357	-1358	-1412	-1411	PP	G	0.00	0.00	1125.00
501	-1411	-1412	-1467	-1466	PP	G	0.00	0.00	1125.00
501	-1304	-1256	-1310	-1358	PP	G	0.00	0.00	1125.00
501	-1358	-1310	-1364	-1412	PP	G	0.00	0.00	1125.00
501	-1412	-1364	-1419	-1467	PP	G	0.00	0.00	1125.00
501	-1245	-1246	-1255	-1256	PP	G	0.00	0.00	1125.00
501	-1256	-1255	-1309	-1310	PP	G	0.00	0.00	1125.00
501	-1310	-1309	-1363	-1364	PP	G	0.00	0.00	1125.00
501	-1364	-1363	-1418	-1419	PP	G	0.00	0.00	1125.00
501	-1246	-1247	-1254	-1255	PP	G	0.00	0.00	1125.00
501	-1255	-1254	-1308	-1309	PP	G	0.00	0.00	1125.00
501	-1309	-1308	-1362	-1363	PP	G	0.00	0.00	1125.00
501	-1363	-1362	-1417	-1418	PP	G	0.00	0.00	1125.00
501	-1247	-1248	-1253	-1254	PP	G	0.00	0.00	1125.00
501	-1254	-1253	-1307	-1308	PP	G	0.00	0.00	1125.00
501	-1308	-1307	-1361	-1362	PP	G	0.00	0.00	1125.00
501	-1362	-1361	-1416	-1417	PP	G	0.00	0.00	1125.00
501	-1248	-1249	-1252	-1253	PP	G	0.00	0.00	1125.00
501	-1253	-1252	-1306	-1307	PP	G	0.00	0.00	1125.00
501	-1307	-1306	-1360	-1361	PP	G	0.00	0.00	1125.00
501	-1361	-1360	-1415	-1416	PP	G	0.00	0.00	1125.00
501	-1249	-1250	-1251	-1252	PP	G	0.00	0.00	1125.00
501	-1252	-1251	-1305	-1306	PP	G	0.00	0.00	1125.00
501	-1306	-1305	-1359	-1360	PP	G	0.00	0.00	1125.00
501	-1360	-1359	-1413	-1415	PP	G	0.00	0.00	1125.00
501	-1140	-1141	-1180	-1179	PP	G	0.00	0.00	1125.00
501	-1179	-1180	-1234	-1233	PP	G	0.00	0.00	1125.00
501	-1102	-1103	-1142	-1141	PP	G	0.00	0.00	1125.00
501	-1141	-1142	-1181	-1180	PP	G	0.00	0.00	1125.00
501	-1180	-1181	-1235	-1234	PP	G	0.00	0.00	1125.00
501	-1103	-1104	-1143	-1142	PP	G	0.00	0.00	1125.00
501	-1142	-1143	-1182	-1181	PP	G	0.00	0.00	1125.00
501	-1181	-1182	-1236	-1235	PP	G	0.00	0.00	1125.00
501	-1104	-1105	-1144	-1143	PP	G	0.00	0.00	1125.00
501	-1143	-1144	-1183	-1182	PP	G	0.00	0.00	1125.00
501	-1182	-1183	-1237	-1236	PP	G	0.00	0.00	1125.00
501	-1144	-1145	-1184	-1183	PP	G	0.00	0.00	1125.00
501	-1183	-1184	-1238	-1237	PP	G	0.00	0.00	1125.00
501	-1145	-1146	-1185	-1184	PP	G	0.00	0.00	1125.00
501	-1184	-1185	-1239	-1238	PP	G	0.00	0.00	1125.00

501	-1107	-1108	-1147	-1146	PP	G	0.00	0.00	1125.00
501	-1146	-1147	-1186	-1185	PP	G	0.00	0.00	1125.00
501	-1185	-1186	-1240	-1239	PP	G	0.00	0.00	1125.00
501	-1108	-1109	-1148	-1147	PP	G	0.00	0.00	1125.00
501	-1147	-1148	-1187	-1186	PP	G	0.00	0.00	1125.00
501	-1186	-1187	-1241	-1240	PP	G	0.00	0.00	1125.00
501	-1109	-1110	-1149	-1148	PP	G	0.00	0.00	1125.00
501	-1148	-1149	-1188	-1187	PP	G	0.00	0.00	1125.00
501	-1187	-1188	-1242	-1241	PP	G	0.00	0.00	1125.00
501	-1110	-1111	-1150	-1149	PP	G	0.00	0.00	1125.00
501	-1149	-1150	-1189	-1188	PP	G	0.00	0.00	1125.00
501	-1188	-1189	-1243	-1242	PP	G	0.00	0.00	1125.00
501	-1111	-1112	-1151	-1150	PP	G	0.00	0.00	1125.00
501	-1150	-1151	-1190	-1189	PP	G	0.00	0.00	1125.00
501	-1189	-1190	-1244	-1243	PP	G	0.00	0.00	1125.00
501	-1151	-1152	-1191	-1190	PP	G	0.00	0.00	1125.00
501	-1190	-1191	-1245	-1244	PP	G	0.00	0.00	1125.00
501	-1113	-1114	-1153	-1152	PP	G	0.00	0.00	1125.00
501	-1152	-1153	-1192	-1191	PP	G	0.00	0.00	1125.00
501	-1191	-1192	-1246	-1245	PP	G	0.00	0.00	1125.00
501	-1114	-1115	-1154	-1153	PP	G	0.00	0.00	1125.00
501	-1153	-1154	-1193	-1192	PP	G	0.00	0.00	1125.00
501	-1192	-1193	-1247	-1246	PP	G	0.00	0.00	1125.00
501	-1115	-1116	-1155	-1154	PP	G	0.00	0.00	1125.00
501	-1154	-1155	-1194	-1193	PP	G	0.00	0.00	1125.00
501	-1193	-1194	-1248	-1247	PP	G	0.00	0.00	1125.00
501	-1116	-1117	-1156	-1155	PP	G	0.00	0.00	1125.00
501	-1155	-1156	-1195	-1194	PP	G	0.00	0.00	1125.00
501	-1194	-1195	-1249	-1248	PP	G	0.00	0.00	1125.00
501	-1117	-1118	-1157	-1156	PP	G	0.00	0.00	1125.00
501	-1156	-1157	-1196	-1195	PP	G	0.00	0.00	1125.00
501	-1195	-1196	-1250	-1249	PP	G	0.00	0.00	1125.00
501	-163	-164	-205	-204	PP	G	0.00	0.00	1125.00
501	-204	-205	-246	-245	PP	G	0.00	0.00	1125.00
501	-129	-130	-165	-164	PP	G	0.00	0.00	1125.00
501	-164	-165	-206	-205	PP	G	0.00	0.00	1125.00
501	-205	-206	-247	-246	PP	G	0.00	0.00	1125.00
501	-130	-131	-166	-165	PP	G	0.00	0.00	1125.00
501	-165	-166	-207	-206	PP	G	0.00	0.00	1125.00
501	-206	-207	-248	-247	PP	G	0.00	0.00	1125.00
501	-131	-132	-167	-166	PP	G	0.00	0.00	1125.00
501	-166	-167	-208	-207	PP	G	0.00	0.00	1125.00
501	-207	-208	-249	-248	PP	G	0.00	0.00	1125.00
501	-286	-287	-328	-327	PP	G	0.00	0.00	1125.00
501	-327	-328	-367	-366	PP	G	0.00	0.00	1125.00
501	-366	-367	-406	-405	PP	G	0.00	0.00	1125.00
501	-4284	-4287	-4280	5	PP	G	0.00	0.00	1125.00
501	-246	-247	-288	-287	PP	G	0.00	0.00	1125.00
501	-287	-288	-329	-328	PP	G	0.00	0.00	1125.00
501	-328	-329	-368	-367	PP	G	0.00	0.00	1125.00
501	-367	-368	-407	-406	PP	G	0.00	0.00	1125.00
501	-406	-407	-444	-443	PP	G	0.00	0.00	1125.00
501	-247	-248	-289	-288	PP	G	0.00	0.00	1125.00
501	-288	-289	-330	-329	PP	G	0.00	0.00	1125.00
501	-329	-330	-369	-368	PP	G	0.00	0.00	1125.00
501	-368	-369	-408	-407	PP	G	0.00	0.00	1125.00
501	-407	-408	-445	-444	PP	G	0.00	0.00	1125.00
501	-248	-249	-290	-289	PP	G	0.00	0.00	1125.00
501	-289	-290	-331	-330	PP	G	0.00	0.00	1125.00
501	-330	-331	-370	-369	PP	G	0.00	0.00	1125.00
501	-369	-370	-409	-408	PP	G	0.00	0.00	1125.00
501	-408	-409	-446	-445	PP	G	0.00	0.00	1125.00
501	-480	-481	-520	-519	PP	G	0.00	0.00	1125.00
501	-519	-520	-559	-558	PP	G	0.00	0.00	1125.00
501	-443	-444	-482	-481	PP	G	0.00	0.00	1125.00
501	-481	-482	-521	-520	PP	G	0.00	0.00	1125.00
501	-520	-521	-560	-559	PP	G	0.00	0.00	1125.00
501	-444	-445	-483	-482	PP	G	0.00	0.00	1125.00
501	-482	-483	-522	-521	PP	G	0.00	0.00	1125.00
501	-521	-522	-561	-560	PP	G	0.00	0.00	1125.00
501	-445	-446	-484	-483	PP	G	0.00	0.00	1125.00
501	-483	-484	-523	-522	PP	G	0.00	0.00	1125.00
501	-522	-523	-562	-561	PP	G	0.00	0.00	1125.00
501	-597	-598	-637	-636	PP	G	0.00	0.00	1125.00
501	-636	-637	-676	-675	PP	G	0.00	0.00	1125.00
501	-675	-676	-715	-714	PP	G	0.00	0.00	1125.00
501	-714	-715	-754	-753	PP	G	0.00	0.00	1125.00
501	-753	-754	-793	-792	PP	G	0.00	0.00	1125.00
501	-792	-793	-832	-831	PP	G	0.00	0.00	1125.00
501	-559	-560	-599	-598	PP	G	0.00	0.00	1125.00
501	-598	-599	-638	-637	PP	G	0.00	0.00	1125.00
501	-637	-638	-677	-676	PP	G	0.00	0.00	1125.00

501	-676	-677	-716	-715	PP	G	0.00	0.00	1125.00
501	-715	-716	-755	-754	PP	G	0.00	0.00	1125.00
501	-754	-755	-794	-793	PP	G	0.00	0.00	1125.00
501	-793	-794	-833	-832	PP	G	0.00	0.00	1125.00
501	-560	-561	-600	-599	PP	G	0.00	0.00	1125.00
501	-599	-600	-639	-638	PP	G	0.00	0.00	1125.00
501	-638	-639	-678	-677	PP	G	0.00	0.00	1125.00
501	-677	-678	-717	-716	PP	G	0.00	0.00	1125.00
501	-716	-717	-756	-755	PP	G	0.00	0.00	1125.00
501	-755	-756	-795	-794	PP	G	0.00	0.00	1125.00
501	-794	-795	-834	-833	PP	G	0.00	0.00	1125.00
501	-561	-562	-601	-600	PP	G	0.00	0.00	1125.00
501	-600	-601	-640	-639	PP	G	0.00	0.00	1125.00
501	-639	-640	-679	-678	PP	G	0.00	0.00	1125.00
501	-678	-679	-718	-717	PP	G	0.00	0.00	1125.00
501	-717	-718	-757	-756	PP	G	0.00	0.00	1125.00
501	-756	-757	-796	-795	PP	G	0.00	0.00	1125.00
501	-795	-796	-835	-834	PP	G	0.00	0.00	1125.00
501	-870	-871	-910	-909	PP	G	0.00	0.00	1125.00
501	-909	-910	-949	-948	PP	G	0.00	0.00	1125.00
501	-4268	-4271	-4264	9	PP	G	0.00	0.00	1125.00
501	-832	-833	-872	-871	PP	G	0.00	0.00	1125.00
501	-871	-872	-911	-910	PP	G	0.00	0.00	1125.00
501	-910	-911	-950	-949	PP	G	0.00	0.00	1125.00
501	-949	-950	-987	-986	PP	G	0.00	0.00	1125.00
501	-833	-834	-873	-872	PP	G	0.00	0.00	1125.00
501	-872	-873	-912	-911	PP	G	0.00	0.00	1125.00
501	-911	-912	-951	-950	PP	G	0.00	0.00	1125.00
501	-950	-951	-988	-987	PP	G	0.00	0.00	1125.00
501	-834	-835	-874	-873	PP	G	0.00	0.00	1125.00
501	-873	-874	-913	-912	PP	G	0.00	0.00	1125.00
501	-912	-913	-952	-951	PP	G	0.00	0.00	1125.00
501	-951	-952	-989	-988	PP	G	0.00	0.00	1125.00
501	-1023	-1024	-1063	-1062	PP	G	0.00	0.00	1125.00
501	-1062	-1063	-1102	-1101	PP	G	0.00	0.00	1125.00
501	-986	-987	-1025	-1024	PP	G	0.00	0.00	1125.00
501	-1024	-1025	-1064	-1063	PP	G	0.00	0.00	1125.00
501	-1063	-1064	-1103	-1102	PP	G	0.00	0.00	1125.00
501	-987	-988	-1026	-1025	PP	G	0.00	0.00	1125.00
501	-1025	-1026	-1065	-1064	PP	G	0.00	0.00	1125.00
501	-1064	-1065	-1104	-1103	PP	G	0.00	0.00	1125.00
501	-988	-989	-1027	-1026	PP	G	0.00	0.00	1125.00
501	-1026	-1027	-1066	-1065	PP	G	0.00	0.00	1125.00
501	-1065	-1066	-1105	-1104	PP	G	0.00	0.00	1125.00
501	-167	-168	-209	-208	PP	G	0.00	0.00	1125.00
501	-208	-209	-250	-249	PP	G	0.00	0.00	1125.00
501	-168	-169	-210	-209	PP	G	0.00	0.00	1125.00
501	-209	-210	-251	-250	PP	G	0.00	0.00	1125.00
501	-134	-135	-170	-169	PP	G	0.00	0.00	1125.00
501	-169	-170	-211	-210	PP	G	0.00	0.00	1125.00
501	-210	-211	-252	-251	PP	G	0.00	0.00	1125.00
501	-135	-136	-171	-170	PP	G	0.00	0.00	1125.00
501	-170	-171	-212	-211	PP	G	0.00	0.00	1125.00
501	-211	-212	-253	-252	PP	G	0.00	0.00	1125.00
501	-136	-137	-172	-171	PP	G	0.00	0.00	1125.00
501	-171	-172	-213	-212	PP	G	0.00	0.00	1125.00
501	-212	-213	-254	-253	PP	G	0.00	0.00	1125.00
501	-137	-138	-173	-172	PP	G	0.00	0.00	1125.00
501	-172	-173	-214	-213	PP	G	0.00	0.00	1125.00
501	-213	-214	-255	-254	PP	G	0.00	0.00	1125.00
501	-138	-139	-174	-173	PP	G	0.00	0.00	1125.00
501	-173	-174	-215	-214	PP	G	0.00	0.00	1125.00
501	-214	-215	-256	-255	PP	G	0.00	0.00	1125.00
501	-149	-150	-191	-190	PP	G	0.00	0.00	1125.00
501	-190	-191	-232	-231	PP	G	0.00	0.00	1125.00
501	-115	-116	-151	-150	PP	G	0.00	0.00	1125.00
501	-150	-151	-192	-191	PP	G	0.00	0.00	1125.00
501	-191	-192	-233	-232	PP	G	0.00	0.00	1125.00
501	-116	-117	-152	-151	PP	G	0.00	0.00	1125.00
501	-151	-152	-193	-192	PP	G	0.00	0.00	1125.00
501	-192	-193	-234	-233	PP	G	0.00	0.00	1125.00
501	-117	-118	-153	-152	PP	G	0.00	0.00	1125.00
501	-152	-153	-194	-193	PP	G	0.00	0.00	1125.00
501	-193	-194	-235	-234	PP	G	0.00	0.00	1125.00
501	-118	-119	-154	-153	PP	G	0.00	0.00	1125.00
501	-153	-154	-195	-194	PP	G	0.00	0.00	1125.00
501	-194	-195	-236	-235	PP	G	0.00	0.00	1125.00
501	-119	-120	-155	-154	PP	G	0.00	0.00	1125.00
501	-154	-155	-196	-195	PP	G	0.00	0.00	1125.00
501	-195	-196	-237	-236	PP	G	0.00	0.00	1125.00
501	-120	-121	-156	-155	PP	G	0.00	0.00	1125.00
501	-155	-156	-197	-196	PP	G	0.00	0.00	1125.00

501	-196	-197	-238	-237	PP	G	0.00	0.00	1125.00
501	-121	-122	-157	-156	PP	G	0.00	0.00	1125.00
501	-156	-157	-198	-197	PP	G	0.00	0.00	1125.00
501	-197	-198	-239	-238	PP	G	0.00	0.00	1125.00
501	-122	-123	-158	-157	PP	G	0.00	0.00	1125.00
501	-157	-158	-199	-198	PP	G	0.00	0.00	1125.00
501	-198	-199	-240	-239	PP	G	0.00	0.00	1125.00
501	-123	-124	-159	-158	PP	G	0.00	0.00	1125.00
501	-158	-159	-200	-199	PP	G	0.00	0.00	1125.00
501	-199	-200	-241	-240	PP	G	0.00	0.00	1125.00
501	-83	-84	-125	-124	PP	G	0.00	0.00	1125.00
501	-46	-47	-85	-84	PP	G	0.00	0.00	1125.00
501	-84	-85	-126	-125	PP	G	0.00	0.00	1125.00
501	-47	-48	-86	-85	PP	G	0.00	0.00	1125.00
501	-85	-86	-127	-126	PP	G	0.00	0.00	1125.00
501	-174	-175	-216	-215	PP	G	0.00	0.00	1125.00
501	-215	-216	-257	-256	PP	G	0.00	0.00	1125.00
501	-140	-141	-176	-175	PP	G	0.00	0.00	1125.00
501	-175	-176	-217	-216	PP	G	0.00	0.00	1125.00
501	-216	-217	-258	-257	PP	G	0.00	0.00	1125.00
501	-141	-142	-177	-176	PP	G	0.00	0.00	1125.00
501	-176	-177	-218	-217	PP	G	0.00	0.00	1125.00
501	-217	-218	-259	-258	PP	G	0.00	0.00	1125.00
501	-142	-143	-178	-177	PP	G	0.00	0.00	1125.00
501	-177	-178	-219	-218	PP	G	0.00	0.00	1125.00
501	-218	-219	-260	-259	PP	G	0.00	0.00	1125.00
501	-143	-144	-179	-178	PP	G	0.00	0.00	1125.00
501	-178	-179	-220	-219	PP	G	0.00	0.00	1125.00
501	-219	-220	-261	-260	PP	G	0.00	0.00	1125.00
501	-144	-145	-180	-179	PP	G	0.00	0.00	1125.00
501	-179	-180	-221	-220	PP	G	0.00	0.00	1125.00
501	-220	-221	-262	-261	PP	G	0.00	0.00	1125.00
501	-290	-291	-332	-331	PP	G	0.00	0.00	1125.00
501	-331	-332	-371	-370	PP	G	0.00	0.00	1125.00
501	-370	-371	-410	-409	PP	G	0.00	0.00	1125.00
501	-409	-410	-447	-446	PP	G	0.00	0.00	1125.00
501	-291	-292	-333	-332	PP	G	0.00	0.00	1125.00
501	-332	-333	-372	-371	PP	G	0.00	0.00	1125.00
501	-371	-372	-411	-410	PP	G	0.00	0.00	1125.00
501	-410	-411	-448	-447	PP	G	0.00	0.00	1125.00
501	-251	-252	-293	-292	PP	G	0.00	0.00	1125.00
501	-292	-293	-334	-333	PP	G	0.00	0.00	1125.00
501	-333	-334	-373	-372	PP	G	0.00	0.00	1125.00
501	-372	-373	-412	-411	PP	G	0.00	0.00	1125.00
501	-411	-412	-449	-448	PP	G	0.00	0.00	1125.00
501	-252	-253	-294	-293	PP	G	0.00	0.00	1125.00
501	-293	-294	-335	-334	PP	G	0.00	0.00	1125.00
501	-334	-335	-374	-373	PP	G	0.00	0.00	1125.00
501	-373	-374	-413	-412	PP	G	0.00	0.00	1125.00
501	-412	-413	-450	-449	PP	G	0.00	0.00	1125.00
501	-253	-254	-295	-294	PP	G	0.00	0.00	1125.00
501	-294	-295	-336	-335	PP	G	0.00	0.00	1125.00
501	-335	-336	-375	-374	PP	G	0.00	0.00	1125.00
501	-374	-375	-414	-413	PP	G	0.00	0.00	1125.00
501	-413	-414	-451	-450	PP	G	0.00	0.00	1125.00
501	-254	-255	-296	-295	PP	G	0.00	0.00	1125.00
501	-295	-296	-337	-336	PP	G	0.00	0.00	1125.00
501	-336	-337	-376	-375	PP	G	0.00	0.00	1125.00
501	-375	-376	-415	-414	PP	G	0.00	0.00	1125.00
501	-414	-415	-452	-451	PP	G	0.00	0.00	1125.00
501	-255	-256	-297	-296	PP	G	0.00	0.00	1125.00
501	-296	-297	-338	-337	PP	G	0.00	0.00	1125.00
501	-337	-338	-377	-376	PP	G	0.00	0.00	1125.00
501	-376	-377	-416	-415	PP	G	0.00	0.00	1125.00
501	-415	-416	-453	-452	PP	G	0.00	0.00	1125.00
501	-297	-298	-339	-338	PP	G	0.00	0.00	1125.00
501	-338	-339	-378	-377	PP	G	0.00	0.00	1125.00
501	-377	-378	-417	-416	PP	G	0.00	0.00	1125.00
501	-416	-417	-454	-453	PP	G	0.00	0.00	1125.00
501	-257	-258	-299	-298	PP	G	0.00	0.00	1125.00
501	-298	-299	-340	-339	PP	G	0.00	0.00	1125.00
501	-339	-340	-379	-378	PP	G	0.00	0.00	1125.00
501	-378	-379	-418	-417	PP	G	0.00	0.00	1125.00
501	-417	-418	-455	-454	PP	G	0.00	0.00	1125.00
501	-258	-259	-300	-299	PP	G	0.00	0.00	1125.00
501	-299	-300	-341	-340	PP	G	0.00	0.00	1125.00
501	-340	-341	-380	-379	PP	G	0.00	0.00	1125.00
501	-379	-380	-419	-418	PP	G	0.00	0.00	1125.00
501	-418	-419	-456	-455	PP	G	0.00	0.00	1125.00
501	-259	-260	-301	-300	PP	G	0.00	0.00	1125.00
501	-300	-301	-342	-341	PP	G	0.00	0.00	1125.00
501	-341	-342	-381	-380	PP	G	0.00	0.00	1125.00

501	-380	-381	-420	-419	PP	G	0.00	0.00	1125.00
501	-419	-420	-457	-456	PP	G	0.00	0.00	1125.00
501	-260	-261	-302	-301	PP	G	0.00	0.00	1125.00
501	-301	-302	-343	-342	PP	G	0.00	0.00	1125.00
501	-342	-343	-382	-381	PP	G	0.00	0.00	1125.00
501	-381	-382	-421	-420	PP	G	0.00	0.00	1125.00
501	-420	-421	-458	-457	PP	G	0.00	0.00	1125.00
501	-261	-262	-303	-302	PP	G	0.00	0.00	1125.00
501	-302	-303	-344	-343	PP	G	0.00	0.00	1125.00
501	-343	-344	-383	-382	PP	G	0.00	0.00	1125.00
501	-382	-383	-422	-421	PP	G	0.00	0.00	1125.00
501	-421	-422	6	-458	PP	G	0.00	0.00	1125.00
501	-484	-485	-524	-523	PP	G	0.00	0.00	1125.00
501	-523	-524	-563	-562	PP	G	0.00	0.00	1125.00
501	-485	-486	-525	-524	PP	G	0.00	0.00	1125.00
501	-524	-525	-564	-563	PP	G	0.00	0.00	1125.00
501	-448	-449	-487	-486	PP	G	0.00	0.00	1125.00
501	-486	-487	-526	-525	PP	G	0.00	0.00	1125.00
501	-525	-526	-565	-564	PP	G	0.00	0.00	1125.00
501	-449	-450	-488	-487	PP	G	0.00	0.00	1125.00
501	-487	-488	-527	-526	PP	G	0.00	0.00	1125.00
501	-526	-527	-566	-565	PP	G	0.00	0.00	1125.00
501	-450	-451	-489	-488	PP	G	0.00	0.00	1125.00
501	-488	-489	-528	-527	PP	G	0.00	0.00	1125.00
501	-527	-528	-567	-566	PP	G	0.00	0.00	1125.00
501	-451	-452	-490	-489	PP	G	0.00	0.00	1125.00
501	-489	-490	-529	-528	PP	G	0.00	0.00	1125.00
501	-528	-529	-568	-567	PP	G	0.00	0.00	1125.00
501	-452	-453	-491	-490	PP	G	0.00	0.00	1125.00
501	-490	-491	-530	-529	PP	G	0.00	0.00	1125.00
501	-529	-530	-569	-568	PP	G	0.00	0.00	1125.00
501	-491	-492	-531	-530	PP	G	0.00	0.00	1125.00
501	-530	-531	-570	-569	PP	G	0.00	0.00	1125.00
501	-454	-455	-493	-492	PP	G	0.00	0.00	1125.00
501	-492	-493	-532	-531	PP	G	0.00	0.00	1125.00
501	-531	-532	-571	-570	PP	G	0.00	0.00	1125.00
501	-455	-456	-494	-493	PP	G	0.00	0.00	1125.00
501	-493	-494	-533	-532	PP	G	0.00	0.00	1125.00
501	-532	-533	-572	-571	PP	G	0.00	0.00	1125.00
501	-456	-457	-495	-494	PP	G	0.00	0.00	1125.00
501	-494	-495	-534	-533	PP	G	0.00	0.00	1125.00
501	-533	-534	-573	-572	PP	G	0.00	0.00	1125.00
501	-457	-458	-496	-495	PP	G	0.00	0.00	1125.00
501	-495	-496	-535	-534	PP	G	0.00	0.00	1125.00
501	-534	-535	-574	-573	PP	G	0.00	0.00	1125.00
501	-458	6	-497	-496	PP	G	0.00	0.00	1125.00
501	-496	-497	-536	-535	PP	G	0.00	0.00	1125.00
501	-535	-536	-575	-574	PP	G	0.00	0.00	1125.00
501	-601	-602	-641	-640	PP	G	0.00	0.00	1125.00
501	-640	-641	-680	-679	PP	G	0.00	0.00	1125.00
501	-679	-680	-719	-718	PP	G	0.00	0.00	1125.00
501	-718	-719	-758	-757	PP	G	0.00	0.00	1125.00
501	-757	-758	-797	-796	PP	G	0.00	0.00	1125.00
501	-796	-797	-836	-835	PP	G	0.00	0.00	1125.00
501	-602	-603	-642	-641	PP	G	0.00	0.00	1125.00
501	-641	-642	-681	-680	PP	G	0.00	0.00	1125.00
501	-680	-681	-720	-719	PP	G	0.00	0.00	1125.00
501	-719	-720	-759	-758	PP	G	0.00	0.00	1125.00
501	-758	-759	-798	-797	PP	G	0.00	0.00	1125.00
501	-797	-798	-837	-836	PP	G	0.00	0.00	1125.00
501	-564	-565	-604	-603	PP	G	0.00	0.00	1125.00
501	-603	-604	-643	-642	PP	G	0.00	0.00	1125.00
501	-642	-643	-682	-681	PP	G	0.00	0.00	1125.00
501	-681	-682	-721	-720	PP	G	0.00	0.00	1125.00
501	-720	-721	-760	-759	PP	G	0.00	0.00	1125.00
501	-759	-760	-799	-798	PP	G	0.00	0.00	1125.00
501	-798	-799	-838	-837	PP	G	0.00	0.00	1125.00
501	-565	-566	-605	-604	PP	G	0.00	0.00	1125.00
501	-604	-605	-644	-643	PP	G	0.00	0.00	1125.00
501	-643	-644	-683	-682	PP	G	0.00	0.00	1125.00
501	-682	-683	-722	-721	PP	G	0.00	0.00	1125.00
501	-721	-722	-761	-760	PP	G	0.00	0.00	1125.00
501	-760	-761	-800	-799	PP	G	0.00	0.00	1125.00
501	-799	-800	-839	-838	PP	G	0.00	0.00	1125.00
501	-566	-567	-606	-605	PP	G	0.00	0.00	1125.00
501	-605	-606	-645	-644	PP	G	0.00	0.00	1125.00
501	-644	-645	-684	-683	PP	G	0.00	0.00	1125.00
501	-683	-684	-723	-722	PP	G	0.00	0.00	1125.00
501	-722	-723	-762	-761	PP	G	0.00	0.00	1125.00
501	-761	-762	-801	-800	PP	G	0.00	0.00	1125.00
501	-800	-801	-840	-839	PP	G	0.00	0.00	1125.00
501	-567	-568	-607	-606	PP	G	0.00	0.00	1125.00

501	-606	-607	-646	-645	PP	G	0.00	0.00	1125.00
501	-645	-646	-685	-684	PP	G	0.00	0.00	1125.00
501	-684	-685	-724	-723	PP	G	0.00	0.00	1125.00
501	-723	-724	-763	-762	PP	G	0.00	0.00	1125.00
501	-762	-763	-802	-801	PP	G	0.00	0.00	1125.00
501	-801	-802	-841	-840	PP	G	0.00	0.00	1125.00
501	-568	-569	-608	-607	PP	G	0.00	0.00	1125.00
501	-607	-608	-647	-646	PP	G	0.00	0.00	1125.00
501	-646	-647	-686	-685	PP	G	0.00	0.00	1125.00
501	-685	-686	-725	-724	PP	G	0.00	0.00	1125.00
501	-724	-725	-764	-763	PP	G	0.00	0.00	1125.00
501	-763	-764	-803	-802	PP	G	0.00	0.00	1125.00
501	-802	-803	-842	-841	PP	G	0.00	0.00	1125.00
501	-608	-609	-648	-647	PP	G	0.00	0.00	1125.00
501	-647	-648	-687	-686	PP	G	0.00	0.00	1125.00
501	-686	-687	-726	-725	PP	G	0.00	0.00	1125.00
501	-725	-726	-765	-764	PP	G	0.00	0.00	1125.00
501	-764	-765	-804	-803	PP	G	0.00	0.00	1125.00
501	-803	-804	-843	-842	PP	G	0.00	0.00	1125.00
501	-570	-571	-610	-609	PP	G	0.00	0.00	1125.00
501	-609	-610	-649	-648	PP	G	0.00	0.00	1125.00
501	-648	-649	-688	-687	PP	G	0.00	0.00	1125.00
501	-687	-688	-727	-726	PP	G	0.00	0.00	1125.00
501	-726	-727	-766	-765	PP	G	0.00	0.00	1125.00
501	-765	-766	-805	-804	PP	G	0.00	0.00	1125.00
501	-804	-805	-844	-843	PP	G	0.00	0.00	1125.00
501	-571	-572	-611	-610	PP	G	0.00	0.00	1125.00
501	-610	-611	-650	-649	PP	G	0.00	0.00	1125.00
501	-649	-650	-689	-688	PP	G	0.00	0.00	1125.00
501	-688	-689	-728	-727	PP	G	0.00	0.00	1125.00
501	-727	-728	-767	-766	PP	G	0.00	0.00	1125.00
501	-766	-767	-806	-805	PP	G	0.00	0.00	1125.00
501	-805	-806	-845	-844	PP	G	0.00	0.00	1125.00
501	-572	-573	-612	-611	PP	G	0.00	0.00	1125.00
501	-611	-612	-651	-650	PP	G	0.00	0.00	1125.00
501	-650	-651	-690	-689	PP	G	0.00	0.00	1125.00
501	-689	-690	-729	-728	PP	G	0.00	0.00	1125.00
501	-728	-729	-768	-767	PP	G	0.00	0.00	1125.00
501	-767	-768	-807	-806	PP	G	0.00	0.00	1125.00
501	-806	-807	-846	-845	PP	G	0.00	0.00	1125.00
501	-573	-574	-613	-612	PP	G	0.00	0.00	1125.00
501	-612	-613	-652	-651	PP	G	0.00	0.00	1125.00
501	-651	-652	-691	-690	PP	G	0.00	0.00	1125.00
501	-690	-691	-730	-729	PP	G	0.00	0.00	1125.00
501	-729	-730	-769	-768	PP	G	0.00	0.00	1125.00
501	-768	-769	-808	-807	PP	G	0.00	0.00	1125.00
501	-807	-808	-847	-846	PP	G	0.00	0.00	1125.00
501	-574	-575	-614	-613	PP	G	0.00	0.00	1125.00
501	-613	-614	-653	-652	PP	G	0.00	0.00	1125.00
501	-652	-653	-692	-691	PP	G	0.00	0.00	1125.00
501	-691	-692	-731	-730	PP	G	0.00	0.00	1125.00
501	-730	-731	-770	-769	PP	G	0.00	0.00	1125.00
501	-769	-770	-809	-808	PP	G	0.00	0.00	1125.00
501	-808	-809	-848	-847	PP	G	0.00	0.00	1125.00
501	-874	-875	-914	-913	PP	G	0.00	0.00	1125.00
501	-913	-914	-953	-952	PP	G	0.00	0.00	1125.00
501	-952	-953	-990	-989	PP	G	0.00	0.00	1125.00
501	-875	-876	-915	-914	PP	G	0.00	0.00	1125.00
501	-914	-915	-954	-953	PP	G	0.00	0.00	1125.00
501	-953	-954	-991	-990	PP	G	0.00	0.00	1125.00
501	-837	-838	-877	-876	PP	G	0.00	0.00	1125.00
501	-876	-877	-916	-915	PP	G	0.00	0.00	1125.00
501	-915	-916	-955	-954	PP	G	0.00	0.00	1125.00
501	-954	-955	-992	-991	PP	G	0.00	0.00	1125.00
501	-838	-839	-878	-877	PP	G	0.00	0.00	1125.00
501	-877	-878	-917	-916	PP	G	0.00	0.00	1125.00
501	-916	-917	-956	-955	PP	G	0.00	0.00	1125.00
501	-955	-956	-993	-992	PP	G	0.00	0.00	1125.00
501	-839	-840	-879	-878	PP	G	0.00	0.00	1125.00
501	-878	-879	-918	-917	PP	G	0.00	0.00	1125.00
501	-917	-918	-957	-956	PP	G	0.00	0.00	1125.00
501	-956	-957	-994	-993	PP	G	0.00	0.00	1125.00
501	-840	-841	-880	-879	PP	G	0.00	0.00	1125.00
501	-879	-880	-919	-918	PP	G	0.00	0.00	1125.00
501	-918	-919	-958	-957	PP	G	0.00	0.00	1125.00
501	-957	-958	-995	-994	PP	G	0.00	0.00	1125.00
501	-841	-842	-881	-880	PP	G	0.00	0.00	1125.00
501	-880	-881	-920	-919	PP	G	0.00	0.00	1125.00
501	-919	-920	-959	-958	PP	G	0.00	0.00	1125.00
501	-958	-959	-996	-995	PP	G	0.00	0.00	1125.00
501	-881	-882	-921	-920	PP	G	0.00	0.00	1125.00
501	-920	-921	-960	-959	PP	G	0.00	0.00	1125.00

501	-959	-960	-997	-996	PP	G	0.00	0.00	1125.00
501	-843	-844	-883	-882	PP	G	0.00	0.00	1125.00
501	-882	-883	-922	-921	PP	G	0.00	0.00	1125.00
501	-921	-922	-961	-960	PP	G	0.00	0.00	1125.00
501	-960	-961	-998	-997	PP	G	0.00	0.00	1125.00
501	-844	-845	-884	-883	PP	G	0.00	0.00	1125.00
501	-883	-884	-923	-922	PP	G	0.00	0.00	1125.00
501	-922	-923	-962	-961	PP	G	0.00	0.00	1125.00
501	-961	-962	-999	-998	PP	G	0.00	0.00	1125.00
501	-845	-846	-885	-884	PP	G	0.00	0.00	1125.00
501	-884	-885	-924	-923	PP	G	0.00	0.00	1125.00
501	-923	-924	-963	-962	PP	G	0.00	0.00	1125.00
501	-962	-963	-1000	-999	PP	G	0.00	0.00	1125.00
501	-846	-847	-886	-885	PP	G	0.00	0.00	1125.00
501	-885	-886	-925	-924	PP	G	0.00	0.00	1125.00
501	-924	-925	-964	-963	PP	G	0.00	0.00	1125.00
501	-963	-964	-1001	-1000	PP	G	0.00	0.00	1125.00
501	-847	-848	-887	-886	PP	G	0.00	0.00	1125.00
501	-886	-887	-926	-925	PP	G	0.00	0.00	1125.00
501	-925	-926	-965	-964	PP	G	0.00	0.00	1125.00
501	-964	-965	10	-1001	PP	G	0.00	0.00	1125.00
501	-1027	-1028	-1067	-1066	PP	G	0.00	0.00	1125.00
501	-1066	-1067	-1106	-1105	PP	G	0.00	0.00	1125.00
501	-1028	-1029	-1068	-1067	PP	G	0.00	0.00	1125.00
501	-1067	-1068	-1107	-1106	PP	G	0.00	0.00	1125.00
501	-991	-992	-1030	-1029	PP	G	0.00	0.00	1125.00
501	-1029	-1030	-1069	-1068	PP	G	0.00	0.00	1125.00
501	-1068	-1069	-1108	-1107	PP	G	0.00	0.00	1125.00
501	-992	-993	-1031	-1030	PP	G	0.00	0.00	1125.00
501	-1030	-1031	-1070	-1069	PP	G	0.00	0.00	1125.00
501	-1069	-1070	-1109	-1108	PP	G	0.00	0.00	1125.00
501	-993	-994	-1032	-1031	PP	G	0.00	0.00	1125.00
501	-1031	-1032	-1071	-1070	PP	G	0.00	0.00	1125.00
501	-1070	-1071	-1110	-1109	PP	G	0.00	0.00	1125.00
501	-994	-995	-1033	-1032	PP	G	0.00	0.00	1125.00
501	-1032	-1033	-1072	-1071	PP	G	0.00	0.00	1125.00
501	-1071	-1072	-1111	-1110	PP	G	0.00	0.00	1125.00
501	-995	-996	-1034	-1033	PP	G	0.00	0.00	1125.00
501	-1033	-1034	-1073	-1072	PP	G	0.00	0.00	1125.00
501	-1072	-1073	-1112	-1111	PP	G	0.00	0.00	1125.00
501	-1034	-1035	-1074	-1073	PP	G	0.00	0.00	1125.00
501	-1073	-1074	-1113	-1112	PP	G	0.00	0.00	1125.00
501	-997	-998	-1036	-1035	PP	G	0.00	0.00	1125.00
501	-1035	-1036	-1075	-1074	PP	G	0.00	0.00	1125.00
501	-1074	-1075	-1114	-1113	PP	G	0.00	0.00	1125.00
501	-998	-999	-1037	-1036	PP	G	0.00	0.00	1125.00
501	-1036	-1037	-1076	-1075	PP	G	0.00	0.00	1125.00
501	-1075	-1076	-1115	-1114	PP	G	0.00	0.00	1125.00
501	-999	-1000	-1038	-1037	PP	G	0.00	0.00	1125.00
501	-1037	-1038	-1077	-1076	PP	G	0.00	0.00	1125.00
501	-1076	-1077	-1116	-1115	PP	G	0.00	0.00	1125.00
501	-1000	-1001	-1039	-1038	PP	G	0.00	0.00	1125.00
501	-1038	-1039	-1078	-1077	PP	G	0.00	0.00	1125.00
501	-1077	-1078	-1117	-1116	PP	G	0.00	0.00	1125.00
501	-1001	10	-1040	-1039	PP	G	0.00	0.00	1125.00
501	-1039	-1040	-1079	-1078	PP	G	0.00	0.00	1125.00
501	-1078	-1079	-1118	-1117	PP	G	0.00	0.00	1125.00
501	-4257	-4258	-1024	-1023	PP	G	0.00	0.00	1125.00
501	-947	-4261	-4259	-985	PP	G	0.00	0.00	1125.00
501	-947	-948	-4260	-4261	PP	G	0.00	0.00	1125.00
501	-4262	-4257	-1023	-1022	PP	G	0.00	0.00	1125.00
501	-985	-4259	-4262	-1022	PP	G	0.00	0.00	1125.00
501	-948	-949	-4263	-4260	PP	G	0.00	0.00	1125.00
501	-4263	-949	-986	-4256	PP	G	0.00	0.00	1125.00
501	-4264	-4256	-4258	-4266	PP	G	0.00	0.00	1125.00
501	-4265	-4266	-4258	-4257	PP	G	0.00	0.00	1125.00
501	-4261	-4269	-4267	-4259	PP	G	0.00	0.00	1125.00
501	-4261	-4260	-4268	-4269	PP	G	0.00	0.00	1125.00
501	-4270	-4265	-4257	-4262	PP	G	0.00	0.00	1125.00
501	-4259	-4267	-4270	-4262	PP	G	0.00	0.00	1125.00
501	-4260	-4263	-4271	-4268	PP	G	0.00	0.00	1125.00
501	-4271	-4263	-4256	-4264	PP	G	0.00	0.00	1125.00
501	-4272	-443	-481	-4274	PP	G	0.00	0.00	1125.00
501	-4273	-4274	-481	-480	PP	G	0.00	0.00	1125.00
501	-404	-4277	-4275	-442	PP	G	0.00	0.00	1125.00
501	-404	-405	-4276	-4277	PP	G	0.00	0.00	1125.00
501	-4278	-4273	-480	-479	PP	G	0.00	0.00	1125.00
501	-442	-4275	-4278	-479	PP	G	0.00	0.00	1125.00
501	-405	-406	-4279	-4276	PP	G	0.00	0.00	1125.00
501	-4279	-406	-443	-4272	PP	G	0.00	0.00	1125.00
501	-4280	-4272	-4274	-4282	PP	G	0.00	0.00	1125.00
501	-4281	-4282	-4274	-4273	PP	G	0.00	0.00	1125.00

501	-4277	-4285	-4283	-4275	PP	G	0.00	0.00	1125.00
501	-4277	-4276	-4284	-4285	PP	G	0.00	0.00	1125.00
501	-4286	-4281	-4273	-4278	PP	G	0.00	0.00	1125.00
501	-4275	-4283	-4286	-4278	PP	G	0.00	0.00	1125.00
501	-4276	-4279	-4287	-4284	PP	G	0.00	0.00	1125.00
501	-4287	-4279	-4272	-4280	PP	G	0.00	0.00	1125.00

Risultati del calcolo

Parametri di calcolo

La modellazione della struttura e la rielaborazione dei risultati del calcolo sono stati effettuati con:
ModeSt ver. 8.80, prodotto da Tecnisoft s.a.s. - Prato

La struttura è stata calcolata utilizzando come solutore agli elementi finiti:
Xfinest ver. 2014, prodotto da Ce.A.S. S.r.l. - Milano

Tipo di normativa: stati limite D.M. 08
Tipo di calcolo: analisi sismica dinamica
Vincoli esterni: Considera sempre vincoli assegnati in modellazione
Schematizzazione piani rigidi: metodo Master-Slave
Modalità di recupero masse secondarie: trasferire all'impalcato più vicino con modifica XY baricentro

Generazione combinazioni

- Lineari: si
- Valuta spostamenti e non sollecitazioni: no
- Buckling: no

Opzioni di calcolo

- Sono state considerate infinitamente rigide le zone di connessione fra travi, pilastri ed elementi bidimensionali con una riduzione del 20%
- Calcolo con offset rigidi dai nodi: no
- Uniformare i carichi variabili: no
- Massimizzare i carichi variabili: no
- Minimo carico da considerare: 0.00 <daN/m>
- Recupero carichi zone rigide: taglio e momento flettente
- Modalità di combinazione momento torcente: disaccoppiare le azioni

Opzioni del solutore

- Tipo di elemento bidimensionale: QF46
- Calcolo sforzo nei nodi: No
- Trascura deformabilità a taglio delle aste: No
- Analisi dinamica con metodo di Lanczos: Sì
- Check sequenza di Sturm: Sì
- Soluzione matrice con metodo ver. 5.1: No
- Analisi non lineare con Newton modificato: No
- Usa formulazione secante per buckling: No
- Trascura buckling torsionale: No

Dati struttura

- Zona sismica: zona 2
- Sito di costruzione: via roma, prato LON. 11.08070 LAT. 43.85790
  Contenuto tra ID reticolo: 19612 19613 19834 19835

Simbologia

TCC = Tipo di combinazione di carico
  SLU = Stato limite ultimo
  SLU S = Stato limite ultimo (azione sismica)
  SLE R = Stato limite d'esercizio, combinazione rara
  SLE F = Stato limite d'esercizio, combinazione frequente
  SLE Q = Stato limite d'esercizio, combinazione quasi permanente
  SLD = Stato limite di danno
  SLV = Stato limite di salvaguardia della vita
  SLC = Stato limite di prevenzione del collasso
  SLO = Stato limite di operatività
  SLU I = Stato limite di resistenza al fuoco
T_R = Periodo di ritorno <anni>
Ag = Accelerazione orizzontale massima al sito <g>
FO = Valore massimo del fattore di amplificazione dello spettro in accelerazione orizzontale
TC* = Periodo di inizio del tratto a velocità costante dello spettro in accelerazione orizzontale <sec>
S_S = Coefficiente di amplificazione stratigrafica
C_C = Coefficiente funzione della categoria del suolo

TCC	T_R	Ag	FO	TC*	S_S	C_C
SLD	75	0.0666	2.57	0.27	1.20	1.43

SLV 712 0.1536 2.41 0.31 1.20 1.39

- Tipo di opera: Opera ordinaria
- Vita nominale V_N: 50.00
- Classe d'uso: Classe III
- SL Esercizio: SLO-Pvr no, SLD-Pvr 63.00
- SL Ultimi: SLV-Pvr 10.00, SLC-Pvr no
- Classe di duttilità: Classe B
- Quota di riferimento: 0.00 <m>
- Altezza della struttura: 11.04 <m>
- Numero piani edificio: 2
- Coefficiente θ: 0.00
- Edificio regolare in altezza: si
- Edificio regolare in pianta: si
- Forze orizzontali convenzionali per stati limite non sismici: 1.00%
- Genera stati limite per verifiche di resistenza al fuoco: no

Dati di piano

Simbologia

Imp. = Numero dell'impalcato
Lx = Dimensione del piano in dir. X
Ly = Dimensione del piano in dir. Y
Ex = Eccentricità in dir. X
Ey = Eccentricità in dir. Y
Ea = Eccentricità complessiva

Imp.	Lx <m>	Ly <m>	Ex <m>	Ey <m>	Ea <m>
1	22.56	16.35	1.13	0.82	1.39
2	22.56	16.35	1.13	0.82	1.39

Dati di calcolo

- Categoria del suolo di fondazione: B
- Tipologia edificio: c.a. o prefabbricato a telaio a più piani e più campate

Coeff. C_1	0.075
Periodo T_1	0.45424
Coeff. λ SLD	1.00
Coeff. λ SLV	1.00
Rapporto di sovraresistenza (α_u/α_1)	1.30
Valore di riferimento del fattore di struttura (q_0)	3.90
Fattore riduttivo (K_w)	1.00
Fattore riduttivo regolarità in altezza (KR)	1.00
Fattore di struttura (q)	3.90

- Categoria topografica: T1 - Superficie pianeggiante, pendii e rilievi isolati con inclinazione media i<=15°
- Coeff. amplificazione topografica S_T: 1.00
- Fattore di struttura per sisma verticale (qv): 1.50
- Modalità di calcolo modi di vibrare: Autovalori
  Numero modi: 6
- Modi da considerare: tali da movimentare una percentuale di massa pari a 85.00%
- Trascura modi con massa movimentata minore di: no

- Smorzamento spettro: 5.00

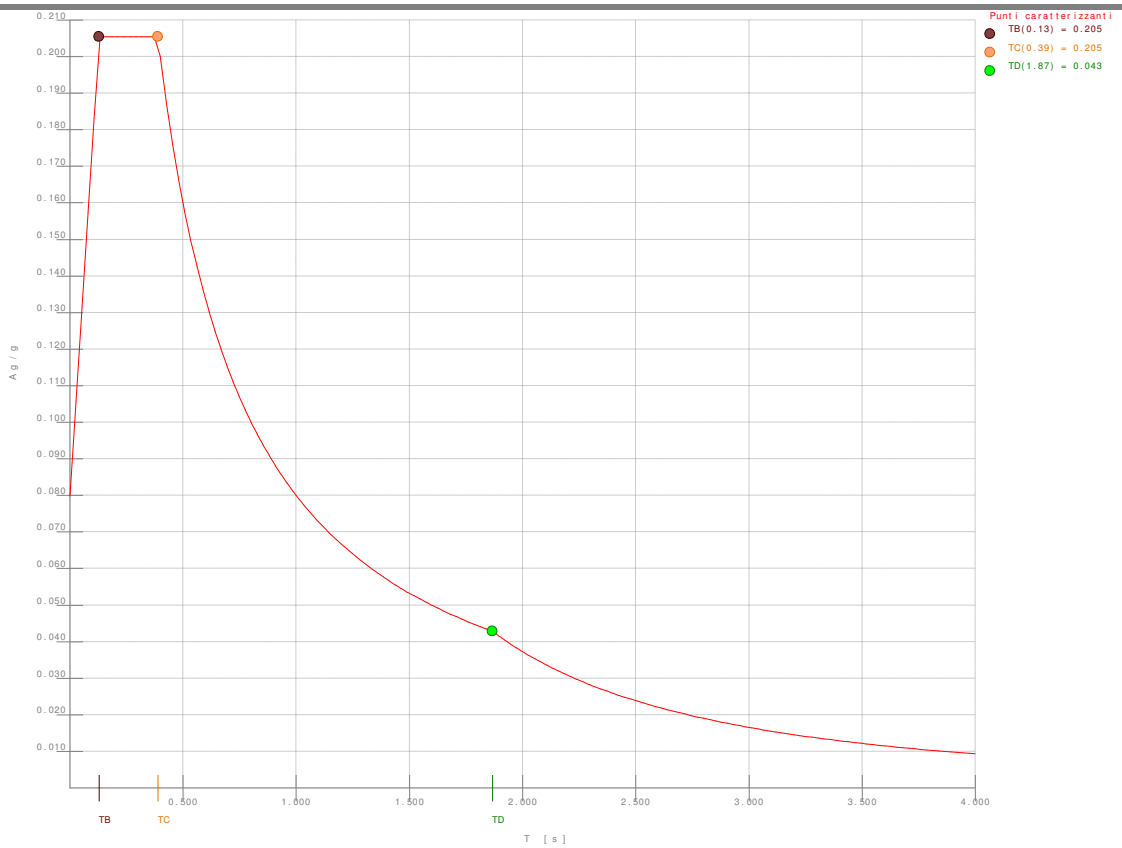


Figura numero 1: Spettro SLD

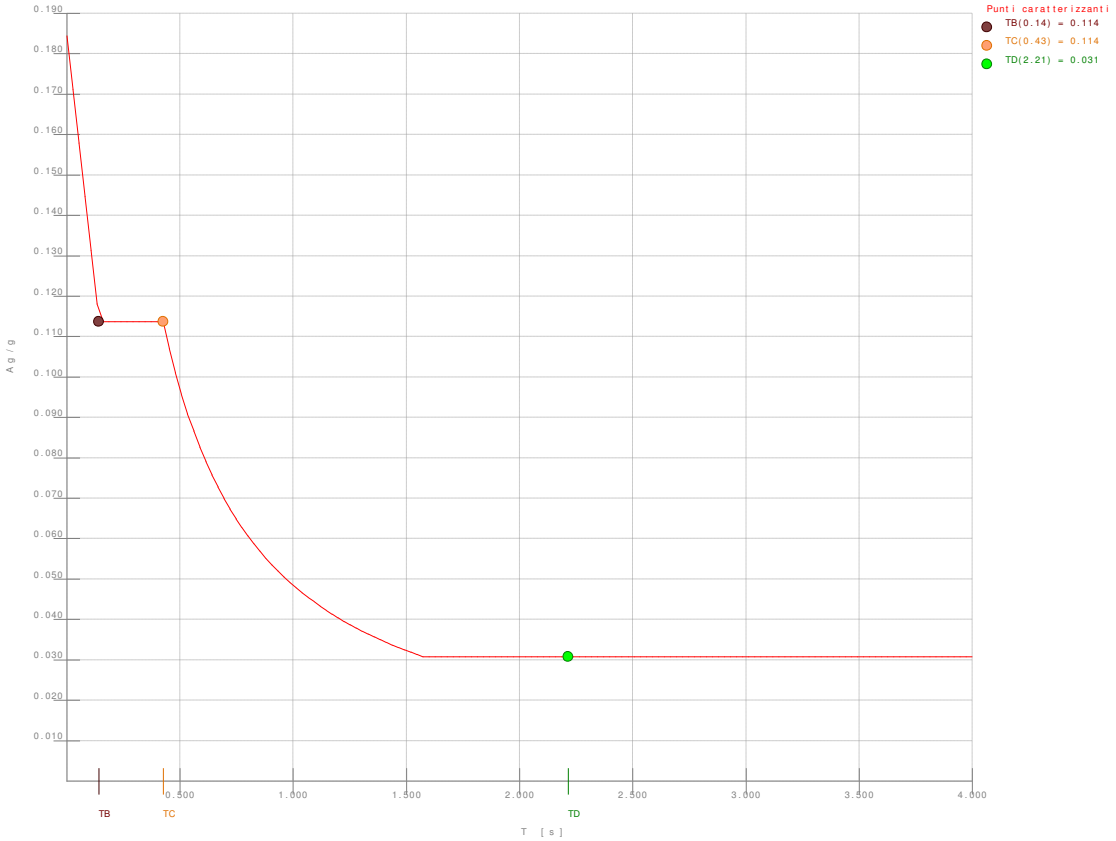


Figura numero 2: Spettro SLV

- Angolo di ingresso del sisma: 0.00 <grad>

Condizioni di carico elementari

Simbologia

CCE = Numero della condizione di carico elementare
Comm. = Commento
Mx = Moltiplicatore della massa in dir. X
My = Moltiplicatore della massa in dir. Y
Mz = Moltiplicatore della massa in dir. Z
Jpx = Moltiplicatore del momento d'inerzia intorno all'asse X
Jpy = Moltiplicatore del momento d'inerzia intorno all'asse Y
Jpz = Moltiplicatore del momento d'inerzia intorno all'asse Z
Tipo CCE = Tipo di CCE per calcolo agli stati limite
Sicurezza = Contributo alla sicurezza
F = a favore
S = a sfavore
A = ambigua
Variabilità = Tipo di variabilità
B = di base
I = indipendente
A = ambigua

CCE	Comm.	Mx	My	Mz	Jpx	Jpy	Jpz	Tipo CCE	Sicurezza	Variabilità
1	peso+qps	1.00	1.00	0.00	0.00	0.00	1.00	1	S	--
2	Qpn	1.00	1.00	0.00	0.00	0.00	1.00	2	S	--
3	QA CAT C	1.00	1.00	0.00	0.00	0.00	1.00	5	S	B
4	Neve	1.00	1.00	0.00	0.00	0.00	1.00	11	S	B

Elenco tipi cce definiti

Simbologia

Tipo CCE = Tipo condizione di carico elementare
Comm. = Commento
Tipo = Tipologia
G = Permanente
Q = Variabile
I = Da ignorare
A = Azione eccezionale
P = Precompressione
Durata = Durata del carico
N = Non definita
P = Permanente
L = Lunga
M = Media
B = Breve
I = Istantanea
γ min. = Coeff. $\gamma_{min.}$
γ max = Coeff. γ_{max}
ψ_0 = Coeff. ψ_0
ψ_1 = Coeff. ψ_1
ψ_2 = Coeff. ψ_2
$\psi_{0,s}$ = Coeff. ψ_0 sismico (D.M. 96)

Tipo CCE	Comm.	Tipo	Durata	γ min.	γ max	ψ_0	ψ_1	ψ_2	$\psi_{0,s}$
1	D.M. 08 Permanenti strutturali	G	N	1.00	1.30				
2	D.M. 08 Permanenti non strutturali	G	N	0.00	1.50				
3	D.M. 08 Variabili Categoria A Ambienti ad uso residenziale	Q	N	0.00	1.50	0.70	0.50	0.30	0.00
4	D.M. 08 Variabili Categoria B Uffici	Q	N	0.00	1.50	0.70	0.50	0.30	0.00
5	D.M. 08 Variabili Categoria C Ambienti suscettibili di affollamento	Q	N	0.00	1.50	0.70	0.70	0.60	0.00
6	D.M. 08 Variabili Categoria D Ambienti ad uso commerciale	Q	N	0.00	1.50	0.70	0.70	0.60	0.00
7	D.M. 08 Variabili Categoria E Biblioteche, archivi, magazzini e ambienti ad uso industriale	Q	N	0.00	1.50	1.00	0.90	0.80	0.00
8	D.M. 08 Variabili Categoria F Rimesse e parcheggi (per autoveicoli di peso <= 30 kN)	Q	N	0.00	1.50	0.70	0.70	0.60	0.00
9	D.M. 08 Variabili Categoria G Rimesse e parcheggi (per autoveicoli di peso > 30 kN)	Q	N	0.00	1.50	0.70	0.50	0.30	0.00
10	D.M. 08 Variabili Vento	Q	N	0.00	1.50	0.60	0.20	0.00	0.00
11	D.M. 08 Variabili Neve (a quota <= 1000 m s.l.m.)	Q	N	0.00	1.50	0.50	0.20	0.00	0.00
12	D.M. 08 Variabili Neve (a quota > 1000 m s.l.m.)	Q	N	0.00	1.50	0.70	0.50	0.20	0.00
13	D.M. 08 Variabili Variazioni termiche	Q	N	0.00	1.50	0.60	0.50	0.00	0.00
14	D.M. 96 Permanenti	G	N	1.00	1.40				
15	D.M. 96 Variabili Abitazioni	Q	P	0.00	1.50	0.70	0.50	0.20	0.70
16	D.M. 96 Variabili Uffici, negozi, scuole, ecc.	Q	N	0.00	1.50	0.70	0.60	0.30	0.70
17	D.M. 96 Variabili Autorimesse	Q	N	0.00	1.50	0.70	0.70	0.60	0.70
18	D.M. 96 Variabili Vento	Q	N	0.00	1.50	0.70	0.20	0.00	0.00
19	D.M. 08 Variabili Categoria H - Coperture	Q	N	0.00	1.50	0.00	0.00	0.00	1.00

Ambienti di carico

Simbologia

N Numero
Comm. Commento
1 peso+qps
2 Qpn
3 QA CAT C
4 Neve
F azioni orizzontali convenzionali

SLU Stato limite ultimo
SLR Stato limite per combinazioni rare
SLF Stato limite per combinazioni frequenti
SLQ Stato limite per combinazioni quasi permanenti o di danno

N	Comm.	1	2	3	4	F	S	SLU	SLR	SLF	SLQ
1	Calcolo sismico	si	si	si	no	no	si	si	no	no	no
2	Calcolo statico	si	si	si	si	si	no	si	si	si	si

Elenco combinazioni di carico simboliche

Simbologia

CC = Numero della combinazione delle condizioni di carico elementari
Comm. = Commento
TCC = Tipo di combinazione di carico
SLU = Stato limite ultimo
SLU S = Stato limite ultimo (azione sismica)
SLE R = Stato limite d'esercizio, combinazione rara
SLE F = Stato limite d'esercizio, combinazione frequente
SLE Q = Stato limite d'esercizio, combinazione quasi permanente
SLD = Stato limite di danno
SLV = Stato limite di salvaguardia della vita
SLC = Stato limite di prevenzione del collasso
SLO = Stato limite di operatività
SLU I = Stato limite di resistenza al fuoco

CC	Comm.	TCC	1	2	3	4	F	S
1	Amb. 1 (Sisma)	SLU S	1	1	ψ_2	-----	-----	1
2	Amb. 2 (SLU)	SLU	γ max	γ max	γ max	γ max	1	-----
3	Amb. 2 (SLE R)	SLE R	1	1	1	1	1	-----
4	Amb. 2 (SLE F)	SLE F	1	1	ψ_1	ψ_1	1	-----
5	Amb. 2 (SLE Q)	SLE Q	1	1	ψ_2	ψ_2	1	-----

Genera le combinazioni con un solo carico di tipo variabile come di base: no

Considera sollecitazioni dinamiche con segno dei modi principali: no

Combinazioni delle cce

Simbologia

CC = Numero della combinazione delle condizioni di carico elementari
Comm. = Commento
TCC = Tipo di combinazione di carico
SLU = Stato limite ultimo
SLU S = Stato limite ultimo (azione sismica)
SLE R = Stato limite d'esercizio, combinazione rara
SLE F = Stato limite d'esercizio, combinazione frequente
SLE Q = Stato limite d'esercizio, combinazione quasi permanente
SLD = Stato limite di danno
SLV = Stato limite di salvaguardia della vita
SLC = Stato limite di prevenzione del collasso
SLO = Stato limite di operatività
SLU I = Stato limite di resistenza al fuoco
An. = Tipo di analisi
L = Lineare
NL = Non lineare
Bk = Buckling
S = Si
N = No

CC	Comm.	TCC	An.	Bk	1	2	3	4	F X	F Y	Mt	±S X	±S Y
1	CC 1 - Amb. 1 (SLU S) S Mt+X+0.3Y	SLV	L	N	1.00	1.00	0.60	0.00	0.00	0.00	1.00	1.00	0.30
2	CC 2 - Amb. 1 (SLE) S Mt+X+0.3Y	SLD	L	N	1.00	1.00	0.60	0.00	0.00	0.00	1.00	1.00	0.30
3	CC 3 - Amb. 1 (SLU S) S Mt+X-0.3Y	SLV	L	N	1.00	1.00	0.60	0.00	0.00	0.00	1.00	1.00	-0.30
4	CC 4 - Amb. 1 (SLE) S Mt+X-0.3Y	SLD	L	N	1.00	1.00	0.60	0.00	0.00	0.00	1.00	1.00	-0.30
5	CC 5 - Amb. 1 (SLU S) S Mt+0.3X+Y	SLV	L	N	1.00	1.00	0.60	0.00	0.00	0.00	1.00	0.30	1.00
6	CC 6 - Amb. 1 (SLE) S Mt+0.3X+Y	SLD	L	N	1.00	1.00	0.60	0.00	0.00	0.00	1.00	0.30	1.00
7	CC 7 - Amb. 1 (SLU S) S Mt-0.3X+Y	SLV	L	N	1.00	1.00	0.60	0.00	0.00	0.00	1.00	-0.30	1.00
8	CC 8 - Amb. 1 (SLE) S Mt-0.3X+Y	SLD	L	N	1.00	1.00	0.60	0.00	0.00	0.00	1.00	-0.30	1.00
9	CC 9 - Amb. 1 (SLU S) S -Mt+X+0.3Y	SLV	L	N	1.00	1.00	0.60	0.00	0.00	0.00	-1.00	1.00	0.30
10	CC 10 - Amb. 1 (SLE) S -Mt+X+0.3Y	SLD	L	N	1.00	1.00	0.60	0.00	0.00	0.00	-1.00	1.00	0.30
11	CC 11 - Amb. 1 (SLU S) S -Mt+X-0.3Y	SLV	L	N	1.00	1.00	0.60	0.00	0.00	0.00	-1.00	1.00	-0.30
12	CC 12 - Amb. 1 (SLE) S -Mt+X-0.3Y	SLD	L	N	1.00	1.00	0.60	0.00	0.00	0.00	-1.00	1.00	-0.30
13	CC 13 - Amb. 1 (SLU S) S -Mt+0.3X+Y	SLV	L	N	1.00	1.00	0.60	0.00	0.00	0.00	-1.00	0.30	1.00
14	CC 14 - Amb. 1 (SLE) S -Mt+0.3X+Y	SLD	L	N	1.00	1.00	0.60	0.00	0.00	0.00	-1.00	0.30	1.00
15	CC 15 - Amb. 1 (SLU S) S -Mt-0.3X+Y	SLV	L	N	1.00	1.00	0.60	0.00	0.00	0.00	-1.00	-0.30	1.00
16	CC 16 - Amb. 1 (SLE) S -Mt-0.3X+Y	SLD	L	N	1.00	1.00	0.60	0.00	0.00	0.00	-1.00	-0.30	1.00

17	CC 17 - Amb. 2 (SLU) F X	SLU	L	N	1.30	1.50	1.50	1.50	1.00	0.00	0.00	0.00	0.00
18	CC 18 - Amb. 2 (SLU) F -X	SLU	L	N	1.30	1.50	1.50	1.50	-1.00	0.00	0.00	0.00	0.00
19	CC 19 - Amb. 2 (SLU) F Y	SLU	L	N	1.30	1.50	1.50	1.50	0.00	1.00	0.00	0.00	0.00
20	CC 20 - Amb. 2 (SLU) F -Y	SLU	L	N	1.30	1.50	1.50	1.50	0.00	-1.00	0.00	0.00	0.00
21	CC 21 - Amb. 2 (SLE R) F X	SLE R	L	N	1.00	1.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00
22	CC 22 - Amb. 2 (SLE R) F -X	SLE R	L	N	1.00	1.00	1.00	1.00	-1.00	0.00	0.00	0.00	0.00
23	CC 23 - Amb. 2 (SLE R) F Y	SLE R	L	N	1.00	1.00	1.00	1.00	0.00	1.00	0.00	0.00	0.00
24	CC 24 - Amb. 2 (SLE R) F -Y	SLE R	L	N	1.00	1.00	1.00	1.00	0.00	-1.00	0.00	0.00	0.00
25	CC 25 - Amb. 2 (SLE F) F X	SLE F	L	N	1.00	1.00	0.70	0.20	1.00	0.00	0.00	0.00	0.00
26	CC 26 - Amb. 2 (SLE F) F -X	SLE F	L	N	1.00	1.00	0.70	0.20	-1.00	0.00	0.00	0.00	0.00
27	CC 27 - Amb. 2 (SLE F) F Y	SLE F	L	N	1.00	1.00	0.70	0.20	0.00	1.00	0.00	0.00	0.00
28	CC 28 - Amb. 2 (SLE F) F -Y	SLE F	L	N	1.00	1.00	0.70	0.20	0.00	-1.00	0.00	0.00	0.00
29	CC 29 - Amb. 2 (SLE Q) F X	SLE Q	L	N	1.00	1.00	0.60	0.00	1.00	0.00	0.00	0.00	0.00
30	CC 30 - Amb. 2 (SLE Q) F -X	SLE Q	L	N	1.00	1.00	0.60	0.00	-1.00	0.00	0.00	0.00	0.00
31	CC 31 - Amb. 2 (SLE Q) F Y	SLE Q	L	N	1.00	1.00	0.60	0.00	0.00	1.00	0.00	0.00	0.00
32	CC 32 - Amb. 2 (SLE Q) F -Y	SLE Q	L	N	1.00	1.00	0.60	0.00	0.00	-1.00	0.00	0.00	0.00

Elenco baricentri e masse impalcati

Simbologia

Imp. = Numero dell'impalcato
X = Coordinata X
Y = Coordinata Y
Z = Coordinata Z
Mo = Massa orizzontale
Jpz = Momento d'inerzia polare intorno all'asse Z

Imp.	X <m>	Y <m>	Z <m>	Mo <kg>	Jpz <kg*mq>	Imp.	X <m>	Y <m>	Z <m>	Mo <kg>	Jpz <kg*mq>
1	11.02	8.56	4.34	587707.00	44875400.00	2	14.35	8.34	7.82	223266.00	14342100.00

Totali masse impalcati

Mo <kg>	Jpz <kg*mq>
810973.00	59217500.00

Elenco forze sismiche di impalcato allo SLD

Simbologia

Imp. = Numero dell'impalcato
cx = Coeff. c in dir. X
cy = Coeff. c in dir. Y
Mz = Momento intorno all'asse Z

Imp.	cx	cy	Mz <daNm>
1	0.59	0.59	115807.00
2	0.41	0.41	79271.10

Totali forze sismiche

Mz <daNm>
195078.00

Elenco forze sismiche di impalcato allo SLV

Imp.	cx	cy	Mz <daNm>
1	0.59	0.59	70202.30
2	0.41	0.41	48054.10

Totali forze sismiche

Mz <daNm>
118256.00

Elenco pesi e forze fittizie impalcati

Simbologia

Imp. = Numero dell'impalcato
Peso = Peso
Fx = Forza in dir. X
Fy = Forza in dir. Y

Imp.	Peso <daN>	Fx <daN>	Fy <daN>
1	642097.00	6420.97	6420.97
2	239968.00	2399.68	2399.68

Elenco modi di vibrare, masse partecipanti e coefficienti di partecipazione

Simbologia

Modo = Numero del modo di vibrare
C = * indica che il modo è stato considerato
Per. = Periodo
Diff. = Minima differenza percentuale dagli altri periodi
Φ_X = Coefficiente di partecipazione in dir. X
Φ_Y = Coefficiente di partecipazione in dir. Y
Φ_Z = Coefficiente di partecipazione in dir. Z
%Mx = Percentuale massa partecipante in dir. X
%My = Percentuale massa partecipante in dir. Y
%Mz = Percentuale massa partecipante in dir. Z
%Jpz = Percentuale momento d'inerzia polare partecipante intorno all'asse Z

Modo	C	Per.	Diff.	Φ_X	Φ_Y	Φ_Z	%Mx	%My	%Mz	%Jpz
1	*	0.41	21.18	272.53	33.51	0.00	91.59	1.38	0.00	0.01
2	*	0.34	21.18	32.39	-277.39	0.00	1.29	94.88	0.00	0.10
3	*	0.25	35.15	0.04	-6.00	0.00	0.00	0.04	0.00	89.55
4		0.09	17.96	-75.97	0.88	0.00	7.12	0.00	0.00	0.04
5		0.08	17.96	-1.35	49.48	0.00	0.00	3.02	0.00	2.89
6		0.06	33.53	0.61	-23.28	0.00	0.00	0.67	0.00	7.41
Tot.cons.							92.88	96.31	0.00	89.66

Elenco coefficienti di risposta

Simbologia

Modo = Numero del modo di vibrare
Sx = Coefficiente di risposta (moltiplicato per 100) in dir. X
Sy = Coefficiente di risposta (moltiplicato per 100) in dir. Y

Stato limite di danno

Modo	Sx	Sy
1	19.69	19.69
2	20.55	20.55
3	20.55	20.55
4	17.14	17.14
5	15.75	15.75
6	13.80	13.80

Stato limite di salvaguardia della vita

Modo	Sx	Sy
1	11.38	11.38
2	11.38	11.38
3	11.38	11.38
4	13.74	13.74
5	14.45	14.45
6	15.45	15.45

Tensioni sul terreno

Simbologia

Nodo = Numero del nodo
σ_t = Tensione sul terreno
CC = Numero della combinazione delle condizioni di carico elementari

Nodo	σ_t <daN/cmq>	CC	Nodo	σ_t <daN/cmq>	CC	Nodo	σ_t <daN/cmq>	CC	Nodo	σ_t <daN/cmq>	CC
-1702 Max	0.00	1	-1702 Min.	0.00	1	-1701 Max	0.00	1	-1701 Min.	0.00	1
-1700 Max	0.00	1	-1700 Min.	0.00	1	-1699 Max	0.00	1	-1699 Min.	0.00	1
-1698 Max	0.00	1	-1698 Min.	0.00	1	-1697 Max	0.00	1	-1697 Min.	0.00	1
-1696 Max	0.00	1	-1696 Min.	0.00	1	-1695 Max	0.00	1	-1695 Min.	0.00	1
-1694 Max	0.00	1	-1694 Min.	0.00	1	-1693 Max	0.00	1	-1693 Min.	0.00	1
-1692 Max	0.00	1	-1692 Min.	0.00	1	-1691 Max	0.00	1	-1691 Min.	0.00	1
-1690 Max	0.00	1	-1690 Min.	0.00	1	-1689 Max	0.00	1	-1689 Min.	0.00	1

-1687	Max	0.00	1	-1687	Min.	0.00	1	-1686	Max	0.00	1	-1686	Min.	0.00	1
-1685	Max	0.00	1	-1685	Min.	0.00	1	-1684	Max	0.00	1	-1684	Min.	0.00	1
-1683	Max	0.00	1	-1683	Min.	0.00	1	-1682	Max	0.00	1	-1682	Min.	0.00	1
-1681	Max	0.00	1	-1681	Min.	0.00	1	-1680	Max	0.00	1	-1680	Min.	0.00	1
-1679	Max	0.00	1	-1679	Min.	0.00	1	-1678	Max	0.00	1	-1678	Min.	0.00	1
-1677	Max	0.00	1	-1677	Min.	0.00	1	-1676	Max	0.00	1	-1676	Min.	0.00	1
-1675	Max	0.00	1	-1675	Min.	0.00	1	-1674	Max	0.00	1	-1674	Min.	0.00	1
-1673	Max	0.00	1	-1673	Min.	0.00	1	-1672	Max	0.00	1	-1672	Min.	0.00	1
-1671	Max	0.00	1	-1671	Min.	0.00	1	-1670	Max	0.00	1	-1670	Min.	0.00	1
-1669	Max	0.00	1	-1669	Min.	0.00	1	-1668	Max	0.00	1	-1668	Min.	0.00	1
-1667	Max	0.00	1	-1667	Min.	0.00	1	-1666	Max	0.00	1	-1666	Min.	0.00	1
-1665	Max	0.00	1	-1665	Min.	0.00	1	-1664	Max	0.00	1	-1664	Min.	0.00	1
-1663	Max	0.00	1	-1663	Min.	0.00	1	-1662	Max	0.00	1	-1662	Min.	0.00	1
-1661	Max	0.00	1	-1661	Min.	0.00	1	-1660	Max	0.00	1	-1660	Min.	0.00	1
-1659	Max	0.00	1	-1659	Min.	0.00	1	-1658	Max	0.00	1	-1658	Min.	0.00	1
-1657	Max	0.00	1	-1657	Min.	0.00	1	-1656	Max	0.00	1	-1656	Min.	0.00	1
-1655	Max	0.00	1	-1655	Min.	0.00	1	-1654	Max	0.00	1	-1654	Min.	0.00	1
-1653	Max	0.00	1	-1653	Min.	0.00	1	-1652	Max	0.00	1	-1652	Min.	0.00	1
-1651	Max	0.00	1	-1651	Min.	0.00	1	-1650	Max	0.00	1	-1650	Min.	0.00	1
-1649	Max	0.00	1	-1649	Min.	0.00	1	-1648	Max	0.00	1	-1648	Min.	0.00	1
-1647	Max	0.00	1	-1647	Min.	0.00	1	-1646	Max	0.00	1	-1646	Min.	0.00	1
-1645	Max	0.00	1	-1645	Min.	0.00	1	-1644	Max	0.00	1	-1644	Min.	0.00	1
-1643	Max	0.00	1	-1643	Min.	0.00	1	-1642	Max	0.00	1	-1642	Min.	0.00	1
-1641	Max	0.00	1	-1641	Min.	0.00	1	-1640	Max	0.00	1	-1640	Min.	0.00	1
-1639	Max	0.00	1	-1639	Min.	0.00	1	-1638	Max	0.00	1	-1638	Min.	0.00	1
-1637	Max	0.00	1	-1637	Min.	0.00	1	-1636	Max	0.00	1	-1636	Min.	0.00	1
-1635	Max	0.00	1	-1635	Min.	0.00	1	-1634	Max	0.00	1	-1634	Min.	0.00	1
-1633	Max	0.00	1	-1633	Min.	0.00	1	-1632	Max	0.00	1	-1632	Min.	0.00	1
-1631	Max	0.00	1	-1631	Min.	0.00	1	-1630	Max	0.00	1	-1630	Min.	0.00	1
-1629	Max	0.00	1	-1629	Min.	0.00	1	-1628	Max	0.00	1	-1628	Min.	0.00	1
-1627	Max	0.00	1	-1627	Min.	0.00	1	-1626	Max	0.00	1	-1626	Min.	0.00	1
-1625	Max	0.00	1	-1625	Min.	0.00	1	-1624	Max	0.00	1	-1624	Min.	0.00	1
-1623	Max	0.00	1	-1623	Min.	0.00	1	-1622	Max	0.00	1	-1622	Min.	0.00	1
-1621	Max	0.00	1	-1621	Min.	0.00	1	-1620	Max	0.00	1	-1620	Min.	0.00	1
-1619	Max	0.00	1	-1619	Min.	0.00	1	-1618	Max	0.00	1	-1618	Min.	0.00	1
-1617	Max	0.00	1	-1617	Min.	0.00	1	-1616	Max	0.00	1	-1616	Min.	0.00	1
-1615	Max	0.00	1	-1615	Min.	0.00	1	-1614	Max	0.00	1	-1614	Min.	0.00	1
-1613	Max	0.00	1	-1613	Min.	0.00	1	-1612	Max	0.00	1	-1612	Min.	0.00	1
-1611	Max	0.00	1	-1611	Min.	0.00	1	-1610	Max	0.00	1	-1610	Min.	0.00	1
-1609	Max	0.00	1	-1609	Min.	0.00	1	-1608	Max	0.00	1	-1608	Min.	0.00	1
-1607	Max	0.00	1	-1607	Min.	0.00	1	-1606	Max	0.00	1	-1606	Min.	0.00	1
-1605	Max	0.00	1	-1605	Min.	0.00	1	-1604	Max	0.00	1	-1604	Min.	0.00	1
-1603	Max	0.00	1	-1603	Min.	0.00	1	-1602	Max	0.00	1	-1602	Min.	0.00	1
-1601	Max	0.00	1	-1601	Min.	0.00	1	-1600	Max	0.00	1	-1600	Min.	0.00	1
-1599	Max	0.00	1	-1599	Min.	0.00	1	-1598	Max	0.00	1	-1598	Min.	0.00	1
-1597	Max	0.00	1	-1597	Min.	0.00	1	-1596	Max	0.00	1	-1596	Min.	0.00	1
-1595	Max	0.00	1	-1595	Min.	0.00	1	-1594	Max	0.00	1	-1594	Min.	0.00	1
-1593	Max	0.00	1	-1593	Min.	0.00	1	-1592	Max	0.00	1	-1592	Min.	0.00	1
-1591	Max	0.00	1	-1591	Min.	0.00	1	-1590	Max	0.00	1	-1590	Min.	0.00	1
-1589	Max	0.00	1	-1589	Min.	0.00	1	-1588	Max	0.00	1	-1588	Min.	0.00	1
-1587	Max	0.00	1	-1587	Min.	0.00	1	-1586	Max	0.00	1	-1586	Min.	0.00	1
-1585	Max	0.00	1	-1585	Min.	0.00	1	-1584	Max	0.00	1	-1584	Min.	0.00	1
-1583	Max	0.00	1	-1583	Min.	0.00	1	-1582	Max	0.00	1	-1582	Min.	0.00	1
-1580	Max	0.00	1	-1580	Min.	0.00	1	-1579	Max	0.00	1	-1579	Min.	0.00	1
-1578	Max	0.00	1	-1578	Min.	0.00	1	-1577	Max	0.00	1	-1577	Min.	0.00	1
-1576	Max	0.00	1	-1576	Min.	0.00	1	-1575	Max	0.00	1	-1575	Min.	0.00	1
-1574	Max	0.00	1	-1574	Min.	0.00	1	-1573	Max	0.00	1	-1573	Min.	0.00	1
-1572	Max	0.00	1	-1572	Min.	0.00	1	-1571	Max	0.00	1	-1571	Min.	0.00	1
-1570	Max	0.00	1	-1570	Min.	0.00	1	-1569	Max	0.00	1	-1569	Min.	0.00	1
-1568	Max	0.00	1	-1568	Min.	0.00	1	-1567	Max	0.00	1	-1567	Min.	0.00	1
-1566	Max	0.00	1	-1566	Min.	0.00	1	-1565	Max	0.00	1	-1565	Min.	0.00	1
-1564	Max	0.00	1	-1564	Min.	0.00	1	-1563	Max	0.00	1	-1563	Min.	0.00	1
-1562	Max	0.00	1	-1562	Min.	0.00	1	-1561	Max	0.00	1	-1561	Min.	0.00	1
-1560	Max	0.00	1	-1560	Min.	0.00	1	-1559	Max	0.00	1	-1559	Min.	0.00	1
-1558	Max	0.00	1	-1558	Min.	0.00	1	-1557	Max	0.00	1	-1557	Min.	0.00	1
-1556	Max	0.00	1	-1556	Min.	0.00	1	-1555	Max	0.00	1	-1555	Min.	0.00	1
-1554	Max	0.00	1	-1554	Min.	0.00	1	-1553	Max	0.00	1	-1553	Min.	0.00	1
-1552	Max	0.00	1	-1552	Min.	0.00	1	-1551	Max	0.00	1	-1551	Min.	0.00	1
-1550	Max	0.00	1	-1550	Min.	0.00	1	-1549	Max	0.00	1	-1549	Min.	0.00	1
-1548	Max	0.00	1	-1548	Min.	0.00	1	-1547	Max	0.00	1	-1547	Min.	0.00	1
-1546	Max	0.00	1	-1546	Min.	0.00	1	-1545	Max	0.00	1	-1545	Min.	0.00	1
-1544	Max	0.00	1	-1544	Min.	0.00	1	-1543	Max	0.00	1	-1543	Min.	0.00	1
-1542	Max	0.00	1	-1542	Min.	0.00	1	-1541	Max	0.00	1	-1541	Min.	0.00	1
-1540	Max	0.00	1	-1540	Min.	0.00	1	-1539	Max	0.00	1	-1539	Min.	0.00	1
-1538	Max	0.00	1	-1538	Min.	0.00	1	-1537	Max	0.00	1	-1537	Min.	0.00	1
-1536	Max	0.00	1	-1536	Min.	0.00	1	-1535	Max	0.00	1	-1535	Min.	0.00	1
-1534	Max	0.00	1	-1534	Min.	0.00	1	-1533	Max	0.00	1	-1533	Min.	0.00	1
-1532	Max	0.00	1	-1532	Min.	0.00	1	-1531	Max	0.00	1	-1531	Min.	0.00	1
-1530	Max	0.00	1	-1530	Min.	0.00	1	-1529	Max	0.00	1	-1529	Min.	0.00	1
-1528	Max	0.00	1	-1528	Min.	0.00	1	-1527	Max	0.00	1	-1527	Min.	0.00	1
-1525	Max	0.00	1	-1525	Min.	0.00	1	-1524	Max	0.00	1	-1524	Min.	0.00	1
-1523	Max	0.00	1	-1523	Min.	0.00	1	-1522	Max	0.00	1	-1522	Min.	0.00	1

-1521	Max	0.00	1	-1521	Min.	0.00	1	-1520	Max	0.00	1	-1520	Min.	0.00	1
-1519	Max	0.00	1	-1519	Min.	0.00	1	-1518	Max	0.00	1	-1518	Min.	0.00	1
-1517	Max	0.00	1	-1517	Min.	0.00	1	-1516	Max	0.00	1	-1516	Min.	0.00	1
-1515	Max	0.00	1	-1515	Min.	0.00	1	-1514	Max	0.00	1	-1514	Min.	0.00	1
-1513	Max	0.00	1	-1513	Min.	0.00	1	-1512	Max	0.00	1	-1512	Min.	0.00	1
-1511	Max	0.00	1	-1511	Min.	0.00	1	-1510	Max	0.00	1	-1510	Min.	0.00	1
-1509	Max	0.00	1	-1509	Min.	0.00	1	-1508	Max	0.00	1	-1508	Min.	0.00	1
-1507	Max	0.00	1	-1507	Min.	0.00	1	-1506	Max	0.00	1	-1506	Min.	0.00	1
-1505	Max	0.00	1	-1505	Min.	0.00	1	-1504	Max	0.00	1	-1504	Min.	0.00	1
-1503	Max	0.00	1	-1503	Min.	0.00	1	-1502	Max	0.00	1	-1502	Min.	0.00	1
-1501	Max	0.00	1	-1501	Min.	0.00	1	-1500	Max	0.00	1	-1500	Min.	0.00	1
-1499	Max	0.00	1	-1499	Min.	0.00	1	-1498	Max	0.00	1	-1498	Min.	0.00	1
-1497	Max	0.00	1	-1497	Min.	0.00	1	-1496	Max	0.00	1	-1496	Min.	0.00	1
-1495	Max	0.00	1	-1495	Min.	0.00	1	-1494	Max	0.00	1	-1494	Min.	0.00	1
-1493	Max	0.00	1	-1493	Min.	0.00	1	-1492	Max	0.00	1	-1492	Min.	0.00	1
-1491	Max	0.00	1	-1491	Min.	0.00	1	-1490	Max	0.00	1	-1490	Min.	0.00	1
-1489	Max	0.00	1	-1489	Min.	0.00	1	-1488	Max	0.00	1	-1488	Min.	0.00	1
-1487	Max	0.00	1	-1487	Min.	0.00	1	-1486	Max	0.00	1	-1486	Min.	0.00	1
-1485	Max	0.00	1	-1485	Min.	0.00	1	-1484	Max	0.00	1	-1484	Min.	0.00	1
-1483	Max	0.00	1	-1483	Min.	0.00	1	-1482	Max	0.00	1	-1482	Min.	0.00	1
-1481	Max	0.00	1	-1481	Min.	0.00	1	-1480	Max	0.00	1	-1480	Min.	0.00	1
-1479	Max	0.00	1	-1479	Min.	0.00	1	-1478	Max	0.00	1	-1478	Min.	0.00	1
-1477	Max	0.00	1	-1477	Min.	0.00	1	-1476	Max	0.00	1	-1476	Min.	0.00	1
-1475	Max	0.00	1	-1475	Min.	0.00	1	-1474	Max	0.00	1	-1474	Min.	0.00	1
-1473	Max	0.00	1	-1473	Min.	0.00	1	-1472	Max	0.00	1	-1472	Min.	0.00	1
-1470	Max	0.00	1	-1470	Min.	0.00	1	-1469	Max	0.00	1	-1469	Min.	0.00	1
-1468	Max	0.00	1	-1468	Min.	0.00	1	-1467	Max	0.00	1	-1467	Min.	0.00	1
-1466	Max	0.00	1	-1466	Min.	0.00	1	-1465	Max	0.00	1	-1465	Min.	0.00	1
-1464	Max	0.00	1	-1464	Min.	0.00	1	-1463	Max	0.00	1	-1463	Min.	0.00	1
-1462	Max	0.00	1	-1462	Min.	0.00	1	-1461	Max	0.00	1	-1461	Min.	0.00	1
-1460	Max	0.00	1	-1460	Min.	0.00	1	-1459	Max	0.00	1	-1459	Min.	0.00	1
-1458	Max	0.00	1	-1458	Min.	0.00	1	-1457	Max	0.00	1	-1457	Min.	0.00	1
-1456	Max	0.00	1	-1456	Min.	0.00	1	-1455	Max	0.00	1	-1455	Min.	0.00	1
-1454	Max	0.00	1	-1454	Min.	0.00	1	-1453	Max	0.00	1	-1453	Min.	0.00	1
-1452	Max	0.00	1	-1452	Min.	0.00	1	-1451	Max	0.00	1	-1451	Min.	0.00	1
-1450	Max	0.00	1	-1450	Min.	0.00	1	-1449	Max	0.00	1	-1449	Min.	0.00	1
-1448	Max	0.00	1	-1448	Min.	0.00	1	-1447	Max	0.00	1	-1447	Min.	0.00	1
-1446	Max	0.00	1	-1446	Min.	0.00	1	-1445	Max	0.00	1	-1445	Min.	0.00	1
-1444	Max	0.00	1	-1444	Min.	0.00	1	-1443	Max	0.00	1	-1443	Min.	0.00	1
-1442	Max	0.00	1	-1442	Min.	0.00	1	-1441	Max	0.00	1	-1441	Min.	0.00	1
-1440	Max	0.00	1	-1440	Min.	0.00	1	-1439	Max	0.00	1	-1439	Min.	0.00	1
-1438	Max	0.00	1	-1438	Min.	0.00	1	-1437	Max	0.00	1	-1437	Min.	0.00	1
-1436	Max	0.00	1	-1436	Min.	0.00	1	-1435	Max	0.00	1	-1435	Min.	0.00	1
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-1115	Max	0.00	1	-1115	Min.	0.00	1	-1114	Max	0.00	1	-1114	Min.	0.00	1
-1113	Max	0.00	1	-1113	Min.	0.00	1	-1112	Max	0.00	1	-1112	Min.	0.00	1
-1111	Max	0.00	1	-1111	Min.	0.00	1	-1110	Max	0.00	1	-1110	Min.	0.00	1
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-1107	Max	0.00	1	-1107	Min.	0.00	1	-1106	Max	0.00	1	-1106	Min.	0.00	1
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-1099	Max	0.00	1	-1099	Min.	0.00	1	-1098	Max	0.00	1	-1098	Min.	0.00	1
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-809	Max	0.00	1	-809	Min.	0.00	1	-808	Max	0.00	1	-808	Min.	0.00	1
-807	Max	0.00	1	-807	Min.	0.00	1	-806	Max	0.00	1	-806	Min.	0.00	1
-805	Max	0.00	1	-805	Min.	0.00	1	-804	Max	0.00	1	-804	Min.	0.00	1
-803	Max	0.00	1	-803	Min.	0.00	1	-802	Max	0.00	1	-802	Min.	0.00	1
-801	Max	0.00	1	-801	Min.	0.00	1	-800	Max	0.00	1	-800	Min.	0.00	1
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-109	Max	0.00	1	-109	Min.	0.00	1	-108	Max	0.00	1	-108	Min.	0.00	1
-107	Max	0.00	1	-107	Min.	0.00	1	-106	Max	0.00	1	-106	Min.	0.00	1
-105	Max	0.00	1	-105	Min.	0.00	1	-104	Max	0.00	1	-104	Min.	0.00	1
-103	Max	0.00	1	-103	Min.	0.00	1	-102	Max	0.00	1	-102	Min.	0.00	1
-101	Max	0.00	1	-101	Min.	0.00	1	-100	Max	0.00	1	-100	Min.	0.00	1
-99	Max	0.00	1	-99	Min.	0.00	1	-98	Max	0.00	1	-98	Min.	0.00	1
-97	Max	0.00	1	-97	Min.	0.00	1	-96	Max	0.00	1	-96	Min.	0.00	1
-95	Max	0.00	1	-95	Min.	0.00	1	-94	Max	0.00	1	-94	Min.	0.00	1
-93	Max	0.00	1	-93	Min.	0.00	1	-92	Max	0.00	1	-92	Min.	0.00	1
-91	Max	0.00	1	-91	Min.	0.00	1	-90	Max	0.00	1	-90	Min.	0.00	1
-89	Max	0.00	1	-89	Min.	0.00	1	-88	Max	0.00	1	-88	Min.	0.00	1
-87	Max	0.00	1	-87	Min.	0.00	1	-86	Max	0.00	1	-86	Min.	0.00	1
-85	Max	0.00	1	-85	Min.	0.00	1	-84	Max	0.00	1	-84	Min.	0.00	1
-83	Max	0.00	1	-83	Min.	0.00	1	-82	Max	0.00	1	-82	Min.	0.00	1
-81	Max	0.00	1	-81	Min.	0.00	1	-80	Max	0.00	1	-80	Min.	0.00	1
-79	Max	0.00	1	-79	Min.	0.00	1	-78	Max	0.00	1	-78	Min.	0.00	1
-77	Max	0.00	1	-77	Min.	0.00	1	-76	Max	0.00	1	-76	Min.	0.00	1
-75	Max	0.00	1	-75	Min.	0.00	1	-74	Max	0.00	1	-74	Min.	0.00	1
-73	Max	0.00	1	-73	Min.	0.00	1	-72	Max	0.00	1	-72	Min.	0.00	1
-71	Max	0.00	1	-71	Min.	0.00	1	-70	Max	0.00	1	-70	Min.	0.00	1
-69	Max	0.00	1	-69	Min.	0.00	1	-68	Max	0.00	1	-68	Min.	0.00	1
-67	Max	0.00	1	-67	Min.	0.00	1	-66	Max	0.00	1	-66	Min.	0.00	1
-65	Max	0.00	1	-65	Min.	0.00	1	-64	Max	0.00	1	-64	Min.	0.00	1
-63	Max	0.00	1	-63	Min.	0.00	1	-62	Max	0.00	1	-62	Min.	0.00	1
-61	Max	0.00	1	-61	Min.	0.00	1	-60	Max	0.00	1	-60	Min.	0.00	1
-59	Max	0.00	1	-59	Min.	0.00	1	-58	Max	0.00	1	-58	Min.	0.00	1
-57	Max	0.00	1	-57	Min.	0.00	1	-56	Max	0.00	1	-56	Min.	0.00	1
-55	Max	0.00	1	-55	Min.	0.00	1	-54	Max	0.00	1	-54	Min.	0.00	1
-53	Max	0.00	1	-53	Min.	0.00	1	-52	Max	0.00	1	-52	Min.	0.00	1
-51	Max	0.00	1	-51	Min.	0.00	1	-50	Max	0.00	1	-50	Min.	0.00	1
-49	Max	0.00	1	-49	Min.	0.00	1	-48	Max	0.00	1	-48	Min.	0.00	1
-47	Max	0.00	1	-47	Min.	0.00	1	-46	Max	0.00	1	-46	Min.	0.00	1
-45	Max	0.00	1	-45	Min.	0.00	1	-44	Max	0.00	1	-44	Min.	0.00	1

-43	Max	0.00	1	-43	Min.	0.00	1	-42	Max	0.00	1	-42	Min.	0.00	1
-41	Max	0.00	1	-41	Min.	0.00	1	-40	Max	0.00	1	-40	Min.	0.00	1
-39	Max	0.00	1	-39	Min.	0.00	1	-38	Max	0.00	1	-38	Min.	0.00	1
-37	Max	0.00	1	-37	Min.	0.00	1	-36	Max	0.00	1	-36	Min.	0.00	1
-35	Max	0.00	1	-35	Min.	0.00	1	-34	Max	0.00	1	-34	Min.	0.00	1
-33	Max	0.00	1	-33	Min.	0.00	1	-32	Max	0.00	1	-32	Min.	0.00	1
-31	Max	0.00	1	-31	Min.	0.00	1	-30	Max	0.00	1	-30	Min.	0.00	1
-29	Max	0.00	1	-29	Min.	0.00	1	-28	Max	0.00	1	-28	Min.	0.00	1
-27	Max	0.00	1	-27	Min.	0.00	1	-26	Max	0.00	1	-26	Min.	0.00	1
-25	Max	0.00	1	-25	Min.	0.00	1	-24	Max	0.00	1	-24	Min.	0.00	1
-23	Max	0.00	1	-23	Min.	0.00	1	-22	Max	0.00	1	-22	Min.	0.00	1
-21	Max	0.00	1	-21	Min.	0.00	1	-20	Max	0.00	1	-20	Min.	0.00	1
-19	Max	0.00	1	-19	Min.	0.00	1	-18	Max	0.00	1	-18	Min.	0.00	1
-17	Max	0.00	1	-17	Min.	0.00	1	-16	Max	0.00	1	-16	Min.	0.00	1
-15	Max	0.00	1	-15	Min.	0.00	1	-14	Max	0.00	1	-14	Min.	0.00	1
-13	Max	0.00	1	-13	Min.	0.00	1	-12	Max	0.00	1	-12	Min.	0.00	1
-11	Max	0.00	1	-11	Min.	0.00	1	-10	Max	0.00	1	-10	Min.	0.00	1
-9	Max	0.00	1	-9	Min.	0.00	1	-8	Max	0.00	1	-8	Min.	0.00	1
-7	Max	0.00	1	-7	Min.	0.00	1	-6	Max	0.00	1	-6	Min.	0.00	1
-5	Max	0.00	1	-5	Min.	0.00	1	-4	Max	0.00	1	-4	Min.	0.00	1
-3	Max	0.00	1	-3	Min.	0.00	1	-2	Max	0.00	1	-2	Min.	0.00	1
-1	Max	0.00	1	-1	Min.	0.00	1	1	Max	0.00	1	1	Min.	0.00	1
2	Max	0.00	1	2	Min.	0.00	1	4	Max	0.00	1	4	Min.	0.00	1
5	Max	0.00	1	5	Min.	0.00	1	6	Max	0.00	1	6	Min.	0.00	1
8	Max	0.00	1	8	Min.	0.00	1	9	Max	0.00	1	9	Min.	0.00	1
10	Max	0.00	1	10	Min.	0.00	1	12	Max	0.00	1	12	Min.	0.00	1

Sollecitazioni aste

Simbologia

Asta = Numero dell'asta
N1 = Nodo1
N2 = Nodo2
X = Coordinata progressiva rispetto al nodo iniziale
N = Sforzo normale
CC = Numero della combinazione delle condizioni di carico elementari
Ty = Taglio in dir. Y
Mz = Momento flettente intorno all'asse Z
Tz = Taglio in dir. Z
My = Momento flettente intorno all'asse Y
Mx = Momento torcente intorno all'asse X

Asta	N1	N2		X	N	CC	Ty	CC	Mz	CC	Tz	CC	My	CC	Mx	CC
				<cm>	<daN>		<daN>		<daNm>		<daN>		<daNm>		<daNm>	
1	1	-1716	Max	0.00	5468.93	14	2842.12	14	56.77	10	305.22	6	131.35	10	46.00	6
1	1	-1716	Max	44.14	5733.79	14	2842.14	14	1143.73	14	305.22	6	11.79	10	46.00	6
1	1	-1716	Min.	0.00	-24318.00	6	-2855.61	6	-305.67	2	-271.66	14	-147.99	2	-92.78	14
1	1	-1716	Min.	44.14	-24053.10	6	-2855.63	6	-1398.59	6	-271.67	14	-13.62	2	-92.78	14
1	-1716	-2042	Max	0.00	8585.58	14	2589.41	14	1304.89	14	177.41	6	19.71	10	109.65	6
1	-1716	-2042	Max	44.14	8850.44	14	2589.43	14	2437.41	14	177.41	6	76.30	6	109.65	6
1	-1716	-2042	Min.	0.00	-27601.60	6	-2739.61	6	-1565.14	6	-137.15	14	-14.65	2	-178.74	14
1	-1716	-2042	Min.	44.14	-27336.70	6	-2739.63	6	-2763.97	6	-137.15	14	-53.46	14	-178.74	14
1	-2042	-2368	Max	0.00	12020.30	14	2898.21	14	2617.06	14	152.69	6	60.90	6	206.81	6
1	-2042	-2368	Max	44.14	12285.10	14	2898.23	14	3895.57	14	152.69	6	128.16	6	206.81	6
1	-2042	-2368	Min.	0.00	-31485.80	6	-3049.70	6	-2938.75	6	-141.41	14	-35.36	14	-307.43	14
1	-2042	-2368	Min.	44.14	-31220.90	6	-3049.72	6	-4284.13	6	-141.41	14	-97.65	14	-307.43	14
1	-2368	-2694	Max	0.00	15251.60	14	4366.53	14	4128.45	14	210.67	6	98.40	6	325.59	6
1	-2368	-2694	Max	44.14	15516.50	14	4366.36	14	6055.75	14	210.66	6	190.12	6	325.59	6
1	-2368	-2694	Min.	0.00	-35485.80	6	-4521.98	6	-4509.76	6	-193.95	14	-58.61	14	-456.51	14
1	-2368	-2694	Min.	44.14	-35221.00	6	-4521.80	6	-6505.69	6	-193.94	14	-142.94	14	-456.51	14
1	-2694	-3020	Max	0.00	17656.90	14	8572.12	14	6426.93	14	341.71	6	140.52	6	440.13	6
1	-2694	-3020	Max	16.77					2057.27	12			59.46	12		
1	-2694	-3020	Max	44.14	17921.70	14	8572.17	14	10210.90	14	341.71	6	282.96	6	440.13	6
1	-2694	-3020	Min.	0.00	-39168.50	6	-8776.03	6	-6873.74	6	-256.43	14	-78.31	14	-591.03	14
1	-2694	-3020	Min.	16.77					-1272.68	12			-7.84	12		
1	-2694	-3020	Min.	44.14	-38903.70	6	-8776.08	6	-10747.70	6	-256.43	14	-183.11	14	-591.03	14
1	-3020	-3346	Max	0.00	18410.30	14	17732.10	14	11003.30	14	1061.61	10	201.51	6	531.76	6
1	-3020	-3346	Max	44.14	18675.10	14	17732.30	14	18830.20	14	1061.62	10	579.36	2	531.76	6
1	-3020	-3346	Min.	0.00	-42132.60	6	-18106.30	6	-11540.80	6	-620.04	2	-78.44	14	-683.97	14
1	-3020	-3346	Min.	44.14	-41867.80	6	-18106.50	6	-19532.90	6	-620.05	2	-261.36	10	-683.97	14
1	-3346	13	Max	0.00	16017.30	14	26667.40	14	21241.60	14	4068.64	10	681.67	10	691.61	6
1	-3346	13	Max	44.14	16282.20	14	26667.40	14	33011.50	14	4068.65	10	2446.40	10	691.61	6
1	-3346	13	Min.	0.00	-44269.40	6	-26523.90	6	-21981.40	6	-2787.03	2	-272.57	2	-732.12	14
1	-3346	13	Min.	44.14	-44004.50	6	-26523.90	6	-33688.00	6	-2787.04	2	-1471.56	2	-732.12	14
1	13	101	Max	0.00	5381.00	14	18346.40	6	39558.00	14	1531.99	2	6467.45	10	242.54	6
1	13	101	Max	421.00	7907.00	14	18346.40	6	37496.90	6	1531.99	2	1216.87	6	242.54	6
1	13	101	Min.	0.00	-45643.90	6	-16787.90	14	-39742.70	6	-1996.74	10	-5324.87	2	-222.88	14
1	13	101	Min.	421.00	-43117.90	6	-16787.90	14	-31120.20	14	-1996.74	10	-2030.92	14	-222.88	14
1	101	201	Max	0.00	-669.27	14	5784.26	6	4563.37	14	-353.88	2	2625.45	2	313.96	6
1	101	201	Max	316.00	1226.73	14	5784.26	6	5845.97	6	-353.88	2	-67.95	2	313.96	6

1	101	201	Min.	0.00	-6979.38	6	-3061.01	14	-12456.40	6	-1898.36	10	825.57	10	-394.89	14
1	101	201	Min.	316.00	-5083.38	6	-3061.01	14	-5133.54	14	-1898.36	10	-3598.14	10	-394.89	14
2	2	-1749	Max	0.00	-2532.08	10	227.97	20	-16.20	6	341.30	2	112.16	10	1.27	6
2	2	-1749	Max	44.14	-2432.76	10	227.97	20	21.09	10	341.31	2	15.99	10	1.27	6
2	2	-1749	Min.	0.00	-10246.30	2	61.47	6	-86.11	14	-218.36	10	-180.76	2	-6.40	14
2	2	-1749	Min.	44.14	-10147.00	2	61.47	6	-0.07	2	-218.36	10	-30.32	2	-6.40	14
2	-1749	-2075	Max	0.00	-2884.50	10	13.46	14	15.11	2	8.14	2	22.52	10	12.31	2
2	-1749	-2075	Max	44.14	-2785.18	10	13.46	14	17.39	10	8.14	2	6.11	10	12.31	2
2	-1749	-2075	Min.	0.00	-9430.98	17	-9.93	6	1.35	10	-39.04	10	-30.48	2	-14.40	10
2	-1749	-2075	Min.	44.14	-9301.86	17	-9.93	6	0.63	2	-39.04	10	-27.71	2	-14.40	10
2	-2075	-2401	Max	0.00	-3395.21	10	2.49	10	18.85	10	8.87	2	3.92	10	23.64	2
2	-2075	-2401	Max	44.14	-3295.89	10	2.49	10	9.26	10	8.87	2	6.50	10	23.64	2
2	-2075	-2401	Min.	0.00	-9407.80	17	-25.40	2	0.86	2	-48.64	10	-12.71	2	-24.22	10
2	-2075	-2401	Min.	44.14	-9278.68	17	-25.40	2	0.33	2	-48.64	10	-32.84	2	-24.22	10
2	-2401	-2727	Max	0.00	-3920.31	14	1.25	10	16.56	10	24.71	2	-2.78	10	30.86	2
2	-2401	-2727	Max	1.19					6.43	16			-4.82	16		
2	-2401	-2727	Max	44.14	-3820.99	14	1.25	10	2.75	14	24.71	2	1.62	10	30.86	2
2	-2401	-2727	Min.	0.00	-9923.98	17	-38.23	2	-3.63	2	-78.48	10	-11.77	18	-31.06	10
2	-2401	-2727	Min.	3.20					5.54	8			-10.57	8		
2	-2401	-2727	Min.	44.14	-9794.86	17	-38.23	2	-6.16	6	-78.47	10	-38.98	2	-31.06	10
2	-2727	-3053	Max	0.00	-4660.20	6	-5.44	10	9.91	2	28.56	10	-1.49	2	35.89	2
2	-2727	-3053	Max	44.14	-4560.88	6	-5.44	10	-4.63	14	28.56	10	-11.61	2	35.89	2
2	-2727	-3053	Min.	0.00	-11236.60	20	-58.92	2	-14.18	10	-130.65	2	-25.75	10	-36.78	10
2	-2727	-3053	Min.	44.14	-11107.50	20	-58.92	2	-28.05	6	-130.65	2	-60.69	10	-36.78	10
2	-3053	-3379	Max	0.00	-5599.05	6	38.40	6	-5.81	2	53.39	10	-15.52	2	38.13	2
2	-3053	-3379	Max	44.14	-5499.73	6	38.40	6	6.52	6	53.39	10	-26.89	10	38.13	2
2	-3053	-3379	Min.	0.00	-13976.00	20	-212.77	14	-43.56	10	-360.28	2	-57.17	18	-41.54	10
2	-3053	-3379	Min.	44.14	-13846.90	20	-212.77	14	-132.86	14	-360.28	2	-178.73	2	-41.54	10
2	-3379	20	Max	0.00	-6887.99	6	523.67	6	29.26	6	145.93	10	-52.03	10	35.84	2
2	-3379	20	Max	44.14	-6788.67	6	523.67	6	256.94	6	145.93	10	12.24	10	35.84	2
2	-3379	20	Min.	0.00	-19188.50	20	-1109.32	14	-240.68	14	-1477.29	2	-253.73	2	-39.18	10
2	-3379	20	Min.	44.14	-19059.30	20	-1109.32	14	-726.88	14	-1477.29	2	-905.71	2	-39.18	10
2	20	102	Max	0.00	-16901.80	6	1213.57	14	2067.58	6	1584.71	2	1828.66	10	87.27	6
2	20	102	Max	421.00	-15954.50	6	1213.57	14	2670.71	14	1584.71	2	3322.67	2	87.27	6
2	20	102	Min.	0.00	-35261.70	20	-925.32	6	-2438.42	14	-256.99	10	-3349.12	2	-95.07	14
2	20	102	Min.	421.00	-34030.30	20	-925.32	6	-1828.02	6	-256.99	10	746.62	10	-95.07	14
2	102	202	Max	0.00	-6741.60	6	2002.50	14	1066.61	6	2325.67	2	-104.33	10	56.06	6
2	102	202	Max	323.00	-6014.85	6	2002.50	14	3230.24	14	2325.67	2	3300.11	2	56.06	6
2	102	202	Min.	0.00	-13182.50	20	-613.79	6	-3237.84	14	-675.88	10	-4212.24	2	-70.51	14
2	102	202	Min.	323.00	-12237.70	20	-613.79	6	-915.96	6	-675.88	10	-2287.85	10	-70.51	14
3	3	21	Max	0.00	-6693.10	6	787.83	14	829.05	6	694.95	10	324.87	2	70.03	2
3	3	21	Max	287.00	-6047.35	6	787.83	14	1134.59	14	694.95	10	1319.04	10	70.03	2
3	3	21	Min.	0.00	-12771.00	20	-514.96	6	-1126.48	14	-385.94	2	-675.48	10	-65.69	10
3	3	21	Min.	287.00	-11931.60	20	-514.96	6	-648.89	6	-385.94	2	-782.78	2	-65.69	10
3	21	-4116	Max	0.00	-4200.63	6	119.78	14	635.29	6	287.54	2	1456.09	10	96.94	6
3	21	-4116	Max	450.00	-3188.13	6	119.78	14	-60.95	6	287.54	2	272.44	6	96.94	6
3	21	-4116	Min.	0.00	-7381.78	20	-170.15	6	-746.19	14	-305.39	10	-1285.19	2	-108.68	14
3	21	-4116	Min.	450.00	-6065.53	20	-170.15	6	-276.61	14	-305.39	10	-181.88	14	-108.68	14
3	-4116	203	Max	0.00	-3188.13	6	617.83	14	-60.95	6	307.12	2	272.44	6	56.06	6
3	-4116	203	Max	36.76					23.08	8			243.82	8		
3	-4116	203	Max	323.00	-2461.38	6	617.83	14	1762.25	14	307.12	2	989.36	2	56.06	6
3	-4116	203	Min.	0.00	-6065.53	20	-94.92	6	-276.61	14	-323.44	10	-181.88	14	-70.51	14
3	-4116	203	Min.	36.08					-169.21	16			-159.05	16		
3	-4116	203	Min.	323.00	-5120.75	20	-94.92	6	-410.83	6	-323.44	10	-951.51	10	-70.51	14
4	4	-1793	Max	0.00	-11532.40	6	1831.19	6	1555.20	14	232.18	2	350.90	14	182.40	2
4	4	-1793	Max	34.72					-499.07	4			58.25	4		
4	4	-1793	Max	44.14	-11267.60	6	1831.20	6	942.63	14	232.19	2	352.86	14	182.40	2
4	4	-1793	Min.	0.00	-22814.90	19	-1393.82	14	-1950.17	6	-137.78	10	-455.14	6	-104.95	10
4	4	-1793	Min.	34.72					69.27	4			-182.59	4		
4	4	-1793	Min.	44.14	-22470.50	19	-1393.83	14	-1144.53	6	-137.78	10	-415.43	6	-104.95	10
4	-1793	-2119	Max	0.00	-11249.30	6	739.24	6	969.16	14	238.55	2	354.36	14	250.90	2
4	-1793	-2119	Max	32.39					-344.99	4			182.38	4		
4	-1793	-2119	Max	44.14	-10984.50	6	739.25	6	742.79	14	238.55	2	407.01	10	250.90	2
4	-1793	-2119	Min.	0.00	-23294.90	19	-520.25	14	-1173.34	6	-140.61	10	-405.38	6	-145.79	10
4	-1793	-2119	Min.	32.39					74.37	4			-251.45	4		
4	-1793	-2119	Min.	44.14	-22950.60	19	-520.25	14	-850.29	6	-140.61	10	-414.80	2	-145.79	10
4	-2119	-2445	Max	0.00	-11189.40	6	365.80	14	756.42	14	257.09	2	428.45	10	331.34	2
4	-2119	-2445	Max	44.14	-10924.60	6	365.80	14	915.28	14	257.10	2	521.16	10	331.34	2
4	-2119	-2445	Min.	0.00	-24236.80	19	-283.95	6	-867.35	6	-155.40	10	-424.52	2	-195.54	10
4	-2119	-2445	Min.	44.14	-23892.40	19	-283.95	6	-990.09	6	-155.40	10	-472.34	2	-195.54	10
4	-2445	-2771	Max	0.00	-11530.00	6	1999.82	14	877.12	14	312.11	10	550.76	10	400.00	2
4	-2445	-2771	Max	44.14	-11265.10	6	1999.74	14	1756.28	14	312.09	10	671.32	10	400.00	2
4	-2445	-2771	Min.	0.00	-25785.70	19	-2016.09	6	-956.25	6	-196.42	2	-488.60	2	-239.35	10
4	-2445	-2771	Min.	44.14	-25441.40	19	-2016.01	6	-1842.58	6	-196.41	2	-558.09	2	-239.35	10
4	-2771	-3097	Max	0.00	-12470.20	6	5845.39	14	1628.14	14	420.99	10	715.82	10	445.84	2
4	-2771	-3097	Max	44.14	-12205.30	6	5845.43	14	4207.45	14	421.00	10	888.09	10	445.84	2
4	-2771	-3097	Min.	0.00	-28223.10	19	-5975.40	6	-1720.87	6	-276.18	2	-584.76	2	-269.29	10
4	-2771	-3097	Min.	44.14	-27878.80	19	-5975.44	6	-4357.57	6	-276.18	2	-693.11	2	-269.29	10
4	-3097	-3423	Max	0.00	-14037.50	6	13924.00	14	4008.19	14	681.36	10	962.41	10	444.01	2
4	-3097	-3423	Max	44.14	-13772.60	6	13924.20	14	10154.50	14	681.37	10	1257.52	10	444.01	2
4	-3097	-3423	Min.	0.00	-31966.20	19	-14205.40	6	-4162.48	6	-470.01	2	-740.86	2	-270.96	10
4	-3097	-3423	Min.	44.14	-31621.90	19	-14205.50	6	-10433.00	6	-470.02	2	-942.67	2	-270.96	10

4	-3423	26	Max	0.00	-14409.40	6	23166.10	14	10527.40	14	1885.80	10	1448.03	10	404.05	2
4	-3423	26	Max	44.14	-14144.50	6	23166.10	14	20753.50	14	1885.81	10	2280.41	10	404.05	2
4	-3423	26	Min.	0.00	-37326.40	19	-23395.00	6	-10816.00	6	-1328.02	2	-1075.97	2	-248.06	10
4	-3423	26	Min.	44.14	-36982.10	19	-23395.10	6	-21143.20	6	-1328.02	2	-1662.13	2	-248.06	10
4	26	104	Max	0.00	-29390.60	6	25017.10	6	54761.30	14	696.84	2	4059.22	10	358.72	6
4	26	104	Max	421.00	-26864.60	6	25017.10	6	48519.10	6	696.84	2	-10.05	2	358.72	6
4	26	104	Min.	0.00	-75340.40	19	-22469.30	14	-56803.80	6	-1161.39	10	-2944.11	2	-512.36	14
4	26	104	Min.	421.00	-72056.60	19	-22469.30	14	-39835.10	14	-1161.39	10	-830.58	10	-512.36	14
4	104	204	Max	0.00	-1762.81	6	7035.29	6	5686.38	14	-302.40	2	2784.45	2	313.96	6
4	104	204	Max	316.00	133.19	6	7035.29	6	7000.95	6	-302.40	2	-296.73	2	313.96	6
4	104	204	Min.	0.00	-6569.00	14	-3776.29	14	-15249.50	6	-1924.88	10	617.95	10	-394.89	14
4	104	204	Min.	316.00	-4673.00	14	-3776.29	14	-6265.56	14	-1924.88	10	-3339.07	10	-394.89	14
5	5	27	Max	0.00	-113793.00	2	4317.13	6	2027.15	14	-103.17	10	743.31	10	204.63	2
5	5	27	Max	280.00	-112533.00	2	4317.13	6	6630.00	20	-103.17	10	435.64	10	204.63	2
5	5	27	Min.	0.00	-192175.00	18	407.00	14	-6777.30	6	-385.88	2	-270.27	2	-210.18	10
5	5	27	Min.	280.00	-190537.00	18	407.00	14	3155.11	14	-385.88	2	-1331.94	2	-210.18	10
5	27	105	Max	0.00	-73836.40	2	7983.25	6	10321.40	14	640.27	2	3023.82	10	299.72	6
5	27	105	Max	421.00	-71941.90	2	7983.25	6	15987.50	6	640.27	2	816.47	2	299.72	6
5	27	105	Min.	0.00	-128919.00	18	-4610.96	14	-17640.30	6	-897.55	10	-1879.37	2	-330.86	14
5	27	105	Min.	421.00	-126456.00	18	-4610.96	14	-9109.11	14	-897.55	10	-755.17	10	-330.86	14
5	105	205	Max	0.00	-17955.40	2	10552.80	6	6832.60	14	1708.24	2	2597.93	10	211.19	6
5	105	205	Max	316.00	-16533.40	2	10552.80	6	17208.40	6	1708.24	2	2743.40	2	211.19	6
5	105	205	Min.	0.00	-30758.30	18	-4901.69	14	-16138.70	6	-1683.29	10	-2655.58	2	-265.63	14
5	105	205	Min.	316.00	-28909.70	18	-4901.69	14	-8656.83	14	-1683.29	10	-2722.22	10	-265.63	14
6	6	-1796	Max	0.00	-16920.50	14	331.89	14	202.63	6	258.57	2	669.76	10	45.19	2
6	6	-1796	Max	44.14	-16721.80	14	331.89	14	29.80	6	258.57	2	635.57	10	45.19	2
6	6	-1796	Min.	0.00	-26888.90	19	-391.58	6	-224.70	14	-77.48	10	-934.12	2	-38.51	10
6	6	-1796	Min.	44.14	-26630.60	19	-391.58	6	-78.22	14	-77.48	10	-819.99	2	-38.51	10
6	-1796	-2122	Max	0.00	-17367.40	14	113.06	14	48.70	6	251.86	2	625.27	10	67.79	2
6	-1796	-2122	Max	44.14	-17168.70	14	113.06	14	-14.28	14	251.86	2	594.65	10	67.79	2
6	-1796	-2122	Min.	0.00	-27759.40	19	-143.10	6	-86.85	14	-69.41	10	-785.44	2	-57.43	10
6	-1796	-2122	Min.	44.14	-27501.20	19	-143.10	6	-39.67	17	-69.41	10	-674.28	2	-57.43	10
6	-2122	-2448	Max	0.00	-18247.70	14	-0.66	2	-3.88	14	231.55	2	589.08	10	92.24	2
6	-2122	-2448	Max	44.14	-18049.10	14	-0.66	2	-11.61	6	231.55	2	568.91	10	92.24	2
6	-2122	-2448	Min.	0.00	-29315.60	19	-31.05	10	-38.19	6	-45.75	10	-647.52	2	-77.40	10
6	-2122	-2448	Min.	44.14	-29057.30	19	-31.05	10	-44.46	14	-45.75	10	-545.33	2	-77.40	10
6	-2448	-2774	Max	0.00	-19747.90	14	171.93	6	-14.69	10	219.58	2	571.27	10	109.69	2
6	-2448	-2774	Max	44.14	-19549.30	14	171.92	6	54.36	6	219.57	2	568.64	10	109.69	2
6	-2448	-2774	Min.	0.00	-31851.30	19	-251.88	14	-35.24	17	-6.11	10	-526.95	2	-91.02	10
6	-2448	-2774	Min.	44.14	-31593.10	19	-251.87	14	-134.93	14	-6.11	10	-430.09	2	-91.02	10
6	-2774	-3100	Max	0.00	-22177.30	14	736.14	6	17.74	6	228.24	2	581.61	10	117.70	2
6	-2774	-3100	Max	44.14	-21978.60	14	736.14	6	342.30	6	228.24	2	605.47	10	117.70	2
6	-2774	-3100	Min.	0.00	-35882.20	19	-986.14	14	-80.11	14	53.74	10	-417.64	2	-96.84	10
6	-2774	-3100	Min.	44.14	-35623.90	19	-986.14	14	-515.03	14	53.74	10	-317.02	2	-96.84	10
6	-3100	-3426	Max	0.00	-26105.50	14	2493.66	6	254.78	6	367.24	17	638.44	10	110.01	2
6	-3100	-3426	Max	44.14	-25906.90	14	2493.69	6	1355.53	6	367.24	17	733.12	10	110.01	2
6	-3100	-3426	Min.	0.00	-42422.90	19	-3202.53	14	-395.20	14	213.23	2	-299.80	2	-92.82	10
6	-3100	-3426	Min.	44.14	-42164.70	19	-3202.56	14	-1808.87	14	213.23	2	-165.29	2	-92.82	10
6	-3426	28	Max	0.00	-32364.70	14	6075.57	6	1394.99	6	1021.00	10	867.86	10	92.89	2
6	-3426	28	Max	44.14	-32166.00	14	6075.58	6	4076.89	6	1021.00	10	1318.47	10	92.89	2
6	-3426	28	Min.	0.00	-53089.90	19	-7496.17	14	-1852.24	14	115.93	2	-138.75	2	-84.66	10
6	-3426	28	Min.	44.14	-52831.70	19	-7496.18	14	-5161.25	14	115.93	2	-87.49	2	-84.66	10
6	28	106	Max	0.00	-66818.70	14	6603.94	14	11028.70	6	706.45	2	2823.93	10	279.24	6
6	28	106	Max	428.00	-64892.70	14	6603.94	14	13619.40	14	706.45	2	672.95	2	279.24	6
6	28	106	Min.	0.00	-108739.00	19	-4139.01	6	-14646.00	14	-890.47	10	-2350.94	2	-323.52	14
6	28	106	Min.	428.00	-106235.00	19	-4139.01	6	-6686.82	6	-890.47	10	-987.58	10	-323.52	14
6	106	206	Max	0.00	-28252.00	14	7957.74	14	-371.50	6	1825.07	2	3249.94	10	207.58	6
6	106	206	Max	323.00	-26798.50	14	7957.74	14	13266.60	14	1825.07	2	3422.35	2	207.58	6
6	106	206	Min.	0.00	-44579.50	19	-682.24	6	-12441.30	14	-2045.02	10	-2473.38	2	-261.08	14
6	106	206	Min.	323.00	-42689.90	19	-682.24	6	-2579.48	6	-2045.02	10	-3356.22	10	-261.08	14
7	7	29	Max	0.00	-48240.90	6	2347.24	14	792.75	6	390.04	10	476.19	10	108.54	2
7	7	29	Max	287.00	-47236.40	6	2347.24	14	3670.04	14	390.04	10	1590.79	10	108.54	2
7	7	29	Min.	0.00	-77247.00	20	-136.57	6	-3066.54	14	-374.87	2	-540.02	2	-100.80	10
7	7	29	Min.	287.00	-75941.10	20	-136.57	6	400.78	6	-374.87	2	-1611.08	2	-100.80	10
7	29	107	Max	0.00	-26485.40	6	2551.09	14	-281.02	6	1202.62	2	2157.02	10	212.02	6
7	29	107	Max	428.00	-24987.40	6	2551.09	14	5525.95	14	1202.62	2	2888.36	17	212.02	6
7	29	107	Min.	0.00	-43843.80	20	364.46	6	-5392.87	14	-92.33	10	-3080.41	2	-241.09	14
7	29	107	Min.	428.00	-41896.40	20	364.46	6	1278.71	6	-92.33	10	1529.43	14	-241.09	14
7	107	207	Max	0.00	-10052.60	2	4021.64	14	-1091.05	6	1809.05	2	-1.38	10	143.96	6
7	107	207	Max	323.00	-8922.09	2	4021.65	14	5945.93	14	1809.05	2	2224.63	2	143.96	6
7	107	207	Min.	0.00	-16506.00	17	56.81	6	-7044.15	14	-507.34	10	-3621.39	2	-181.07	14
7	107	207	Min.	323.00	-15036.30	17	56.81	6	-907.71	6	-507.34	10	-1642.88	10	-181.07	14
8	8	-1873	Max	0.00	-15737.20	6	994.12	6	794.92	14	102.16	2	371.36	2	105.93	2
8	8	-1873	Max	44.14	-15472.40	6	994.12	6	355.83	14	102.16	2	416.25	2	105.93	2
8	8	-1873	Min.	0.00	-25905.30	19	-995.20	14	-822.70	6	-91.79	10	-268.69	10	-145.74	10
8	8	-1873	Min.	44.14	-25561.00	19	-995.21	14	-384.09	6	-91.79	10	-309.01	10	-145.74	10
8	-1873	-2199	Max	0.00	-16231.90	6	300.46	6	350.33	14	117.01	2	428.68	2	144.25	2
8	-1873	-2199	Max	44.14	-15967.00	6	300.46	6	218.82	14	117.01	2	480.16	2	144.25	2
8	-1873	-2199	Min.	0.00	-26645.60	19	-299.04	14	-378.56	6	-102.95	10	-319.91	10	-198.42	10
8	-1873	-2199	Min.	44.14	-26301.30	19	-299.04	14	-246.43	6	-102.95	10	-365.19	10	-198.42	10
8	-2199	-2525	Max	0.00	-17097.90	6	577.09	14	193.95	14	146.87	2	496.45	2	185.55	2
8	-2199	-2525	Max	44.14	-16833.10	6	577.10	14	448.70	14	146.87	2	561.13	2	185.55	2

8	-2199	-2525	Min.	0.00	-28012.40	19	-572.32	6	-222.76	6	-125.21	10	-378.74	10	-255.41	10
8	-2199	-2525	Min.	44.14	-27668.10	19	-572.32	6	-475.40	6	-125.21	10	-433.85	10	-255.41	10
8	-2525	-2851	Max	0.00	-18419.30	6	2257.97	14	372.52	14	205.62	2	584.96	2	215.47	2
8	-2525	-2851	Max	44.14	-18154.50	6	2257.88	14	1369.20	14	205.61	2	675.60	2	215.47	2
8	-2525	-2851	Min.	0.00	-30195.30	19	-2249.25	6	-401.77	6	-170.53	10	-452.83	10	-297.24	10
8	-2525	-2851	Min.	44.14	-29851.00	19	-2249.16	6	-1394.61	6	-170.52	10	-527.98	10	-297.24	10
8	-2851	-3177	Max	0.00	-20350.40	6	6043.20	14	1216.12	14	313.14	2	711.33	2	231.05	2
8	-2851	-3177	Max	44.14	-20085.60	6	6043.24	14	3883.75	14	313.15	2	849.48	2	231.05	2
8	-2851	-3177	Min.	0.00	-33493.60	19	-6021.64	6	-1245.56	6	-255.92	10	-555.89	10	-319.84	10
8	-2851	-3177	Min.	44.14	-33149.20	19	-6021.68	6	-3903.68	6	-255.92	10	-668.79	10	-319.84	10
8	-3177	-3503	Max	0.00	-23089.60	6	13734.20	14	3674.82	14	566.38	2	909.30	2	226.48	2
8	-3177	-3503	Max	44.14	-22824.80	6	13734.30	14	9737.52	14	566.38	2	1159.28	2	226.48	2
8	-3177	-3503	Min.	0.00	-38306.00	19	-13665.30	6	-3699.95	6	-461.42	10	-716.12	10	-314.50	10
8	-3177	-3503	Min.	44.14	-37961.70	19	-13665.40	6	-9732.22	6	-461.42	10	-919.77	10	-314.50	10
8	-3503	30	Max	0.00	-26497.60	6	22336.00	14	9999.53	14	1719.77	2	1315.36	2	209.68	2
8	-3503	30	Max	44.14	-26232.80	6	22336.10	14	19859.30	14	1719.78	2	2074.42	2	209.68	2
8	-3503	30	Min.	0.00	-44839.20	19	-22108.80	6	-9994.89	6	-1349.39	10	-1044.45	10	-291.40	10
8	-3503	30	Min.	44.14	-44494.90	19	-22108.90	6	-19754.40	6	-1349.39	10	-1640.01	10	-291.40	10
8	30	108	Max	0.00	-56557.30	6	21209.60	6	52519.70	14	693.06	10	3684.04	2	464.91	6
8	30	108	Max	421.00	-54031.30	6	21209.60	6	36664.70	6	693.06	10	1.00	10	464.91	6
8	30	108	Min.	0.00	-94477.20	19	-20226.00	14	-52629.60	6	-1060.82	2	-2919.07	10	-464.57	14
8	30	108	Min.	421.00	-91193.40	19	-20226.00	14	-32633.40	14	-1060.81	2	-784.30	2	-464.57	14
8	108	208	Max	0.00	-4095.76	10	1621.88	6	892.73	14	-253.81	10	3028.85	2	313.96	6
8	108	208	Max	316.00	-2199.76	10	1621.88	6	4043.98	6	-253.81	10	-283.65	10	313.96	6
8	108	208	Min.	0.00	-5744.84	18	-693.09	14	-4796.37	6	-2019.40	2	505.89	10	-394.89	14
8	108	208	Min.	316.00	-3280.04	18	-693.09	14	-5012.63	14	-2019.40	2	-3364.98	2	-394.89	14
9	9	31	Max	0.00	-152868.00	14	-366.88	10	6947.85	14	-195.72	2	1179.05	2	209.22	2
9	9	31	Max	280.00	-151188.00	14	-366.88	10	3843.76	14	-195.72	2	595.24	2	209.22	2
9	9	31	Min.	0.00	-247948.00	19	-1411.35	18	-5996.33	6	-428.42	10	-513.38	10	-219.25	10
9	9	31	Min.	280.00	-245764.00	19	-1411.35	18	-7749.11	6	-428.42	10	-1677.16	10	-219.25	10
9	31	109	Max	0.00	-101242.00	14	8554.35	6	23225.70	14	617.05	10	3130.52	2	377.37	6
9	31	109	Max	421.00	-98716.30	14	8554.35	6	16158.70	6	617.05	10	584.63	10	377.37	6
9	31	109	Min.	0.00	-167352.00	19	-9206.98	14	-19856.30	6	-835.60	2	-2015.08	10	-422.46	14
9	31	109	Min.	421.00	-164068.00	19	-9206.98	14	-15537.00	14	-835.60	2	-389.29	2	-422.46	14
9	109	209	Max	0.00	-25463.20	14	6780.52	6	7039.05	14	1928.05	10	3012.91	2	313.96	6
9	109	209	Max	316.00	-23567.20	14	6780.52	6	12382.90	6	1928.05	10	3042.81	10	313.96	6
9	109	209	Min.	0.00	-40068.70	19	-7302.12	14	-9044.96	6	-1895.63	2	-3055.71	10	-394.89	14
9	109	209	Min.	316.00	-37603.90	19	-7302.12	14	-16037.10	14	-1895.63	2	-2983.17	2	-394.89	14
10	10	-1876	Max	0.00	-12356.80	6	1993.04	14	1004.13	6	251.94	10	859.69	2	16.13	6
10	10	-1876	Max	44.14	-12158.10	6	1993.05	14	145.33	6	251.94	10	794.23	2	16.13	6
10	10	-1876	Min.	0.00	-26619.40	20	-1945.60	6	-993.14	14	-148.31	2	-972.77	10	-23.78	14
10	10	-1876	Min.	44.14	-26361.10	20	-1945.61	6	-113.40	14	-148.31	2	-861.57	10	-23.78	14
10	-1876	-2202	Max	0.00	-13327.50	6	691.17	14	227.60	6	250.75	10	773.38	2	24.48	6
10	-1876	-2202	Max	44.14	-13128.80	6	691.18	14	111.35	14	250.75	10	709.71	2	24.48	6
10	-1876	-2202	Min.	0.00	-27470.00	20	-680.20	6	-194.08	14	-144.25	2	-826.78	10	-35.85	14
10	-1876	-2202	Min.	44.14	-27211.80	20	-680.20	6	-72.97	6	-144.25	2	-716.10	10	-35.85	14
10	-2202	-2528	Max	0.00	-14811.80	6	149.38	14	67.75	14	235.69	10	693.42	2	34.56	6
10	-2202	-2528	Max	44.14	-14613.20	6	149.38	14	132.45	14	235.69	10	639.01	2	34.56	6
10	-2202	-2528	Min.	0.00	-29086.30	20	-153.31	6	-27.44	6	-123.29	2	-686.79	10	-50.04	14
10	-2202	-2528	Min.	44.14	-28828.00	20	-153.31	6	-93.88	6	-123.29	2	-582.76	10	-50.04	14
10	-2528	-2854	Max	0.00	-16924.90	6	270.87	6	140.13	14	227.26	10	630.45	2	44.11	6
10	-2528	-2854	Max	44.14	-16726.20	6	270.86	6	35.24	20	227.25	10	589.90	2	44.11	6
10	-2528	-2854	Min.	0.00	-31847.50	20	-263.79	14	-100.41	6	-92.07	2	-560.20	10	-62.93	14
10	-2528	-2854	Min.	44.14	-31589.30	20	-263.78	14	15.18	14	-92.07	2	-459.98	10	-62.93	14
10	-2854	-3180	Max	0.00	-19938.80	6	1344.24	6	93.10	14	233.10	10	590.77	2	53.65	6
10	-2854	-3180	Max	44.14	-19740.10	6	1344.25	6	541.11	6	233.10	10	568.41	2	53.65	6
10	-2854	-3180	Min.	0.00	-36451.70	20	-1263.25	14	-52.56	6	-51.27	2	-443.00	10	-74.83	14
10	-2854	-3180	Min.	44.14	-36193.50	20	-1263.26	14	-464.82	14	-51.27	2	-340.38	10	-74.83	14
10	-3180	-3506	Max	0.00	-24517.60	6	4655.24	6	377.68	6	268.72	2	594.81	2	65.69	6
10	-3180	-3506	Max	44.14	-24318.90	6	4655.30	6	2432.47	6	268.73	2	643.77	2	65.69	6
10	-3180	-3506	Min.	0.00	-44495.30	20	-4334.33	14	-308.53	14	106.04	10	-329.57	10	-86.95	14
10	-3180	-3506	Min.	44.14	-44237.10	20	-4334.39	14	-2221.66	14	106.04	10	-213.11	10	-86.95	14
10	-3506	32	Max	0.00	-31833.70	6	11697.20	6	2576.12	6	571.83	19	763.92	2	92.01	6
10	-3506	32	Max	44.14	-31635.10	6	11697.30	6	7739.61	6	571.84	19	957.83	2	92.01	6
10	-3506	32	Min.	0.00	-59119.70	20	-10914.00	14	-2362.56	14	387.40	14	-201.12	10	-123.51	14
10	-3506	32	Min.	44.14	-58861.50	20	-10914.10	14	-7180.32	14	387.40	14	-19.81	10	-123.51	14
10	32	110	Max	0.00	-61005.90	6	4413.60	14	13894.10	6	748.47	10	2114.45	2	268.09	6
10	32	110	Max	428.00	-59079.90	6	4413.60	14	7751.83	14	748.47	10	915.08	10	268.09	6
10	32	110	Min.	0.00	-108379.00	20	-6622.64	6	-11138.80	14	-551.73	2	-2290.60	10	-289.50	14
10	32	110	Min.	428.00	-105875.00	20	-6622.64	6	-14451.20	6	-551.73	2	-249.15	2	-289.50	14
10	110	210	Max	0.00	-25685.60	6	2405.51	14	14474.40	6	1840.13	10	2381.76	2	207.58	6
10	110	210	Max	323.00	-24232.10	6	2405.51	14	4897.75	14	1840.13	10	3146.45	10	207.58	6
10	110	210	Min.	0.00	-43929.00	20	-9278.72	6	-2873.15	14	-1505.24	2	-2799.50	10	-261.08	14
10	110	210	Min.	323.00	-42039.40	20	-9278.72	6	-15496.90	6	-1505.24	2	-2482.50	2	-261.08	14
11	11	33	Max	0.00	-56766.10	6	924.38	14	7385.37	6	237.28	2	487.00	2	83.32	6
11	11	33	Max	287.00	-55474.60	6	924.38	14	-929.92	14	237.28	2	1161.86	2	83.32	6
11	11	33	Min.	0.00	-102135.00	20	-4992.58	6	-3583.32	14	-41.21	10	-644.74	10	-72.81	14
11	11	33	Min.	287.00	-100457.00	20	-4992.58	6	-6943.75	6	-41.21	10	-756.87	10	-72.81	14
11	33	111	Max	0.00	-31010.80	6	1321.00	14	11279.70	6	468.44	10	1646.67	2	252.37	6
11	33	111	Max	428.00	-29084.80	6	1321.00	14	2298.83	14	468.44	10	480.57	17	252.37	6
11	33	111	Min.	0.00	-58342.80	20	-5166.43	6	-3356.12	14	-315.35	2	-1669.56	10	-293.85	14
11	33	111	Min.	428.00	-55839.00	20	-5166.42	6	-10833.70	6	-315.35	2	224.29	6	-293.85	14

11	111	211	Max	0.00	-7868.27	6	3918.85	14	12801.50	6	888.31	10	1397.00	2	207.58	6
11	111	211	Max	323.00	-6414.77	6	3918.86	14	7366.00	14	888.31	10	1368.57	10	207.58	6
11	111	211	Min.	0.00	-17375.70	20	-7755.55	6	-5292.58	14	-853.71	2	-1506.14	10	-261.08	14
11	111	211	Min.	323.00	-15486.10	20	-7755.55	6	-12249.60	6	-853.71	2	-1365.95	2	-261.08	14
12	12	-1985	Max	0.00	-2677.55	6	95.52	14	132.64	6	102.29	10	29.91	2	3.22	6
12	12	-1985	Max	44.14	-2578.23	6	95.52	14	91.11	6	102.29	10	9.65	10	3.22	6
12	12	-1985	Min.	0.00	-4870.73	19	-94.09	6	-124.29	14	-86.93	2	-35.51	10	-1.87	14
12	12	-1985	Min.	44.14	-4741.61	19	-94.09	6	-82.12	14	-86.93	2	-8.47	2	-1.87	14
12	-1985	-2311	Max	0.00	-2738.81	6	95.37	14	70.44	6	27.41	10	3.86	2	5.73	6
12	-1985	-2311	Max	44.14	-2639.48	6	95.37	14	28.82	6	27.41	10	5.50	10	5.73	6
12	-1985	-2311	Min.	0.00	-5076.26	19	-94.31	6	-61.69	14	-13.17	2	-6.60	10	-3.58	14
12	-1985	-2311	Min.	44.14	-4947.14	19	-94.31	6	-19.60	14	-13.17	2	-1.96	2	-3.58	14
12	-2311	-2637	Max	0.00	-2894.65	6	99.10	14	10.59	6	29.25	19	-2.26	6	7.86	6
12	-2311	-2637	Max	44.14	-2795.32	6	99.10	14	41.83	14	29.25	19	7.67	19	7.86	6
12	-2311	-2637	Min.	0.00	-5474.36	19	-96.88	6	-1.94	14	12.43	6	-5.24	19	-5.55	14
12	-2311	-2637	Min.	44.14	-5345.24	19	-96.88	6	-32.20	6	12.43	6	3.02	6	-5.55	14
12	-2637	-2963	Max	0.00	-3211.06	6	123.23	14	60.84	14	66.52	18	-3.21	10	8.89	6
12	-2637	-2963	Max	44.14	-3111.74	6	123.22	14	115.23	14	66.52	18	17.83	18	8.89	6
12	-2637	-2963	Min.	0.00	-6195.30	19	-115.83	6	-51.27	6	23.05	10	-11.53	18	-7.75	14
12	-2637	-2963	Min.	44.14	-6066.19	19	-115.83	6	-102.40	6	23.05	10	6.95	10	-7.75	14
12	-2963	-3289	Max	0.00	-3827.71	6	160.68	14	139.30	14	151.37	2	-5.14	10	11.00	6
12	-2963	-3289	Max	44.14	-3728.39	6	160.68	14	210.23	14	151.37	2	43.49	2	11.00	6
12	-2963	-3289	Min.	0.00	-7516.02	19	-144.54	6	-124.65	6	33.96	10	-23.32	2	-12.80	14
12	-2963	-3289	Min.	44.14	-7386.90	19	-144.54	6	-188.45	6	33.96	10	9.85	10	-12.80	14
12	-3289	-3615	Max	0.00	-5194.71	6	413.90	14	271.96	14	500.73	2	-12.86	10	5.19	2
12	-3289	-3615	Max	44.14	-5095.39	6	413.90	14	454.67	14	500.74	2	160.58	2	5.19	2
12	-3289	-3615	Min.	0.00	-10317.20	19	-362.54	6	-241.26	6	65.32	10	-60.57	2	-7.79	10
12	-3289	-3615	Min.	44.14	-10188.10	19	-362.54	6	-401.29	6	65.32	10	15.87	10	-7.79	10
12	-3615	41	Max	0.00	-8156.18	6	1133.27	14	731.26	14	2131.56	2	9.48	10	39.43	6
12	-3615	41	Max	44.14	-8056.86	6	1133.28	14	1231.37	14	2131.56	2	899.63	2	39.43	6
12	-3615	41	Min.	0.00	-16290.30	18	-980.60	6	-638.91	6	-101.57	10	-41.30	2	-50.90	14
12	-3615	41	Min.	44.14	-16161.20	18	-980.60	6	-1071.63	6	-101.57	10	-35.36	10	-50.90	14
12	41	112	Max	0.00	-17652.50	6	1080.55	6	5923.21	14	676.50	10	2830.66	2	73.83	6
12	41	112	Max	421.00	-16705.30	6	1080.55	6	1737.09	6	676.50	10	581.61	10	73.83	6
12	41	112	Min.	0.00	-35373.10	19	-3166.05	14	-2812.03	6	-1014.37	2	-2266.70	10	-82.32	14
12	41	112	Min.	421.00	-34141.70	19	-3166.05	14	-7405.88	14	-1014.37	2	-1440.09	2	-82.32	14
12	112	212	Max	0.00	-1869.12	6	323.89	6	6356.43	14	-78.50	10	2413.76	2	57.04	6
12	112	212	Max	316.00	-1158.12	6	323.89	6	961.59	6	-78.50	10	37.63	10	57.04	6
12	112	212	Min.	0.00	-3568.46	19	-2907.08	14	-61.93	6	-1723.99	2	277.83	10	-71.74	14
12	112	212	Min.	316.00	-2725.82	14	-2907.08	14	-2829.98	14	-1723.99	2	-3041.93	2	-71.74	14
101	101	113	Max	30.00	0.00	1	0.00	14	0.00	6	1544.78	10	356.91	2	63.75	14
101	101	113	Max	740.24									1457.48	10		
101	101	113	Max	975.00	0.00	1	0.00	14	0.00	6	-510.59	10	858.15	10	63.75	14
101	101	113	Min.	30.00	0.00	1	0.00	6	0.00	14	630.52	2	-4028.41	10	-208.61	6
101	101	113	Min.	740.24									-551.18	10		
101	101	113	Min.	975.00	0.00	1	0.00	6	0.00	14	-1424.85	2	-3396.33	2	-208.61	6
101	113	-4113	Max	0.00	0.00	1	0.00	6	0.00	14	4487.69	2	643.14	10	3069.77	6
101	113	-4113	Max	50.00	0.00	1	0.00	6	0.00	14	4378.94	2	78.65	2	3069.77	6
101	113	-4113	Min.	0.00	0.00	1	0.00	14	0.00	6	-3035.46	10	-2143.73	2	-602.44	14
101	113	-4113	Min.	50.00	0.00	1	0.00	14	0.00	6	-3144.21	10	-907.50	10	-602.44	14
101	-4113	-4114	Max	0.00	0.00	1	0.00	6	0.00	14	871.87	2	292.51	10	430.59	6
101	-4113	-4114	Max	50.00	0.00	1	0.00	6	0.00	14	763.12	2	120.64	2	430.59	6
101	-4113	-4114	Min.	0.00	0.00	1	0.00	14	0.00	6	-1640.71	10	-288.14	2	-70.04	14
101	-4113	-4114	Min.	50.00	0.00	1	0.00	14	0.00	6	-1749.46	10	-555.07	10	-70.04	14
101	-4114	-4115	Max	0.00	0.00	1	0.00	6	0.00	14	-172.73	2	571.17	10	321.57	6
101	-4114	-4115	Max	50.00	0.00	1	0.00	6	0.00	14	-281.48	2	-247.33	2	321.57	6
101	-4114	-4115	Min.	0.00	0.00	1	0.00	14	0.00	6	-2932.26	10	-133.83	2	-51.14	14
101	-4114	-4115	Min.	50.00	0.00	1	0.00	14	0.00	6	-3041.01	10	-922.19	10	-51.14	14
101	-4115	114	Max	0.00	0.00	1	0.00	6	0.00	14	-4384.81	2	1348.98	10	98.64	10
101	-4115	114	Max	50.00	0.00	1	0.00	6	0.00	14	-4493.56	2	-2166.93	2	98.64	10
101	-4115	114	Min.	0.00	0.00	1	0.00	14	0.00	6	-14535.50	18	52.64	2	-6.26	2
101	-4115	114	Min.	50.00	0.00	1	0.00	14	0.00	6	-14676.90	18	-6185.83	18	-6.26	2
101	114	102	Max	0.00	0.00	1	0.00	6	0.00	6	10000.70	18	-3551.37	2	152.69	14
101	114	102	Max	319.61									5413.24	18		
101	114	102	Max	589.00	0.00	1	0.00	6	0.00	6	-4677.18	10	-1066.21	10	152.69	14
101	114	102	Min.	0.00	0.00	1	0.00	6	0.00	14	5562.16	2	-10568.50	18	-211.89	6
101	114	102	Min.	366.66									2692.37	10		
101	114	102	Min.	589.00	0.00	1	0.00	6	0.00	14	-8639.74	17	-7477.13	2	-211.89	6
102	104	105	Max	30.00	0.00	1	0.00	14	0.00	6	1468.74	18	-61.12	2	70.57	14
102	104	105	Max	697.77									1225.14	10		
102	104	105	Max	975.00	0.00	1	0.00	14	0.00	6	-602.98	10	389.31	10	70.57	14
102	104	105	Min.	30.00	0.00	1	0.00	6	0.00	14	714.91	2	-3624.16	10	-64.88	6
102	104	105	Min.	697.77									-101.53	10		
102	104	105	Min.	975.00	0.00	1	0.00	6	0.00	14	-1340.46	2	-3016.83	2	-64.88	6
102	105	106	Max	30.00	0.00	1	0.00	6	0.00	6	1392.15	10	785.43	2	24.59	14
102	105	106	Max	668.73									1253.20	10		
102	105	106	Max	789.00	0.00	1	0.00	6	0.00	20	-258.67	10	1099.40	10	24.59	14
102	105	106	Min.	30.00	0.00	1	0.00	6	0.00	14	339.20	2	-3202.16	10	-41.24	6
102	105	106	Min.	668.73									-1414.05	10		
102	105	106	Min.	789.00	0.00	1	0.00	6	0.00	31	-1311.63	2	-2904.92	2	-41.24	6
102	106	107	Max	0.00	0.00	1	0.00	6	0.00	14	6951.78	18	-1834.57	2	-38.69	14
102	106	107	Max	227.13									2508.85	18		

102	106	107	Max	422.00	0.00	1	0.00	6	0.00	6	-3288.29	10	-692.67	10	-38.69	14		
102	106	107	Min.	0.00	0.00	1	0.00	14	0.00	6	3836.73	2	-5385.82	18	-118.39	20		
102	106	107	Min.	261.65									1163.37	10				
102	106	107	Min.	422.00	0.00	1	0.00	14	0.00	14	-6121.82	17	-4008.46	2	-118.39	20		
103	108	109	Max	30.00	0.00	1	0.00	14	0.00	6	1447.99	18	-64.58	10	80.30	14		
103	108	109	Max	685.86									1190.00	2				
103	108	109	Max	975.00	0.00	1	0.00	14	0.00	6	-628.17	2	282.88	2	80.30	14		
103	108	109	Min.	30.00	0.00	1	0.00	6	0.00	14	713.42	10	-3492.57	2	-64.71	6		
103	108	109	Min.	685.86									-46.18	2				
103	108	109	Min.	975.00	0.00	1	0.00	6	0.00	14	-1341.95	10	-3034.36	10	-64.71	6		
103	109	110	Max	30.00	0.00	1	0.00	6	0.00	6	1394.41	2	746.52	10	130.35	14		
103	109	110	Max	671.07									1280.49	2				
103	109	110	Max	789.00	0.00	1	0.00	6	0.00	20	-256.41	2	1129.34	2	130.35	14		
103	109	110	Min.	30.00	0.00	1	0.00	6	0.00	14	359.50	10	-3189.36	2	-24.82	6		
103	109	110	Min.	671.07									-1381.21	2				
103	109	110	Min.	789.00	0.00	1	0.00	6	0.00	31	-1291.33	10	-2789.78	10	-24.82	6		
103	110	111	Max	0.00	0.00	1	0.00	6	0.00	14	1181.27	2	1044.30	10	20.45	14		
103	110	111	Max	422.99									482.99	14				
103	110	111	Max	432.00	0.00	1	0.00	6	0.00	14	468.47	2	1523.64	2	20.45	14		
103	110	111	Min.	0.00	0.00	1	0.00	14	0.00	6	-243.78	10	-2039.80	2	-26.37	6		
103	110	111	Min.	422.99									-502.69	14				
103	110	111	Min.	432.00	0.00	1	0.00	14	0.00	6	-956.58	10	-1548.49	10	-26.37	6		
104	112	117	Max	30.00	0.00	1	0.00	14	0.00	6	1497.38	2	443.12	10	120.17	20		
104	112	117	Max	718.45									1431.16	2				
104	112	117	Max	975.00	0.00	1	0.00	14	0.00	6	-558.00	2	715.39	2	120.17	20		
104	112	117	Min.	30.00	0.00	1	0.00	6	0.00	14	612.82	10	-3723.20	2	30.99	14		
104	112	117	Min.	718.45									-405.32	2				
104	112	117	Min.	975.00	0.00	1	0.00	6	0.00	14	-1442.56	10	-3477.42	10	30.99	14		
104	117	-4123	Max	0.00	0.00	1	0.00	6	0.00	14	4517.72	10	323.98	2	-1735.56	6		
104	117	-4123	Max	50.00	0.00	1	0.00	6	0.00	14	4408.97	10	-84.18	10	-1735.56	6		
104	117	-4123	Min.	0.00	0.00	1	0.00	14	0.00	6	-2880.46	2	-2318.18	10	-5596.91	19		
104	117	-4123	Min.	50.00	0.00	1	0.00	14	0.00	6	-2989.21	2	-1145.77	2	-5596.91	19		
104	-4123	-4124	Max	0.00	0.00	1	0.00	6	0.00	14	1065.89	10	221.36	2	-254.60	6		
104	-4123	-4124	Max	50.00	0.00	1	0.00	6	0.00	14	957.14	10	159.37	10	-254.60	6		
104	-4123	-4124	Min.	0.00	0.00	1	0.00	14	0.00	6	-1449.75	2	-346.43	10	-803.82	19		
104	-4123	-4124	Min.	50.00	0.00	1	0.00	14	0.00	6	-1558.50	2	-530.73	2	-803.82	19		
104	-4124	-4125	Max	0.00	0.00	1	0.00	6	0.00	14	100.55	10	514.64	2	-183.50	14		
104	-4124	-4125	Max	50.00	0.00	1	0.00	6	0.00	14	-8.20	10	-174.68	10	-183.50	14		
104	-4124	-4125	Min.	0.00	0.00	1	0.00	14	0.00	6	-2707.84	2	-198.12	10	-597.49	19		
104	-4124	-4125	Min.	50.00	0.00	1	0.00	14	0.00	6	-2816.59	2	-866.82	2	-597.49	19		
104	-4125	118	Max	0.00	0.00	1	0.00	6	0.00	14	-3320.06	10	1277.60	2	-70.96	14		
104	-4125	118	Max	50.00	0.00	1	0.00	6	0.00	14	-3428.81	10	-1734.69	10	-70.96	14		
104	-4125	118	Min.	0.00	0.00	1	0.00	14	0.00	6	-13563.10	2	-48.33	10	-233.39	19		
104	-4125	118	Min.	50.00	0.00	1	0.00	14	0.00	6	-13671.90	2	-5583.41	18	-233.39	19		
104	118	119	Max	0.00	0.00	1	0.00	6	0.00	6	9544.20	18	-2831.64	10	27.39	14		
104	118	119	Max	305.02									4989.81	18				
104	118	119	Max	589.00	0.00	1	0.00	6	0.00	6	-4961.29	2	-2130.30	2	27.39	14		
104	118	119	Min.	0.00	0.00	1	0.00	6	0.00	14	5237.85	10	-9595.46	2	-126.55	6		
104	118	119	Min.	354.50									2508.26	2				
104	118	119	Min.	589.00	0.00	1	0.00	6	0.00	14	-9102.03	17	-8667.87	10	-126.55	6		
104	119	120	Max	0.00	0.00	1	0.00	6	0.00	14	7135.58	18	-2052.86	10	57.21	14		
104	119	120	Max	233.13									2470.71	18				
104	119	120	Max	432.00	0.00	1	0.00	6	0.00	14	-3341.30	2	-765.79	2	57.21	14		
104	119	120	Min.	0.00	0.00	1	0.00	14	0.00	6	3931.47	10	-5846.94	18	-45.69	6		
104	119	120	Min.	269.16									1101.27	2				
104	119	120	Min.	432.00	0.00	1	0.00	14	0.00	6	-6241.43	17	-4314.52	10	-45.69	6		
105	101	104	Max	80.00	0.00	1	0.00	2	0.00	10	28944.40	6	30090.20	14	524.89	14		
105	101	104	Max	86.76									8349.06	11				
105	101	104	Max	352.00	0.00	1	0.00	2	0.00	2	8901.40	6	22014.00	6	524.89	14		
105	101	104	Min.	80.00	0.00	1	0.00	10	0.00	2	-15826.00	14	-29456.30	6	-468.71	6		
105	101	104	Min.	96.58									-9520.84	2				
105	101	104	Min.	352.00	0.00	1	0.00	10	0.00	10	-35869.00	14	-40214.90	14	-468.71	6		
105	104	108	Max	40.00	0.00	1	0.00	2	0.00	10	32671.20	20	2431.00	14	334.53	14		
105	104	108	Max	311.52									16973.80	20				
105	104	108	Max	599.00	0.00	1	0.00	2	0.00	6	-14494.10	6	-497.41	6	334.53	14		
105	104	108	Min.	40.00	0.00	1	0.00	10	0.00	2	12816.90	14	-34604.90	6	-255.66	6		
105	104	108	Min.	213.94									1821.36	14				
105	104	108	Min.	599.00	0.00	1	0.00	10	0.00	14	-35395.20	19	-41052.10	14	-255.66	6		
105	108	112	Max	40.00	0.00	1	0.00	10	0.00	10	39280.70	20	-9238.55	14	403.18	14		
105	108	112	Max	361.89									24431.40	19				
105	108	112	Max	574.00	0.00	1	0.00	10	0.00	10	-11341.80	6	5935.29	6	403.18	14		
105	108	112	Min.	40.00	0.00	1	0.00	2	0.00	2	19823.40	14	-39953.50	20	-118.52	6		
105	108	112	Min.	309.02									10755.60	14				
105	108	112	Min.	574.00	0.00	1	0.00	2	0.00	2	-25412.30	19	-8443.82	14	-118.52	6		
108	113	105	Max	30.00	0.00	1	0.00	10	0.00	2	26080.00	20	6727.03	14	543.12	14		
108	113	105	Max	164.32									14485.40	17				
108	113	105	Max	362.00	0.00	1	0.00	10	0.00	6	-16513.40	6	-1036.60	6	543.12	14		
108	113	105	Min.	30.00	0.00	1	0.00	2	0.00	10	9159.72	14	-10068.60	6	-103.53	6		
108	113	105	Min.	218.89									3754.63	6				
108	113	105	Min.	362.00	0.00	1	0.00	2	0.00	14	-38631.30	19	-26719.20	14	-103.53	6		
108	105	109	Max	30.00	0.00	1	0.00	2	0.00	10	44248.10	20	-10842.40	14	303.56	14		
108	105	109	Max	299.58									22337.20	20				

108	105	109	Max	574.00	0.00	1	0.00	2	0.00	2	-22586.00	6	-11894.10	6	303.56	14			
108	105	109	Min.	30.00	0.00	1	0.00	10	0.00	2	21780.40	14	-37423.10	20	-236.49	6			
108	105	109	Min.	339.46									10358.40	8					
108	105	109	Min.	574.00	0.00	1	0.00	10	0.00	10	-45549.70	19	-41064.60	19	-236.49	6			
108	109	117	Max	15.00	0.00	1	0.00	10	0.00	2	62695.30	20	-27421.00	14	117.69	14			
108	109	117	Max	338.46									36825.00	19					
108	109	117	Max	574.00	0.00	1	0.00	10	0.00	14	-23778.10	6	-1965.17	6	117.69	14			
108	109	117	Min.	15.00	0.00	1	0.00	2	0.00	10	34165.60	14	-65423.50	20	-462.50	6			
108	109	117	Min.	309.89									20551.20	14					
108	109	117	Min.	574.00	0.00	1	0.00	2	0.00	6	-45287.60	19	-17464.80	14	-462.50	6			
109	102	106	Max	30.00	0.00	1	0.00	10	0.00	2	8946.48	20	3992.02	6	2566.30	19			
109	102	106	Max	144.75									5060.51	20					
109	102	106	Max	362.00	0.00	1	0.00	10	0.00	6	-6816.48	14	-543.70	14	2566.30	19			
109	102	106	Min.	30.00	0.00	1	0.00	2	0.00	10	1619.74	6	-3638.47	14	1490.95	6			
109	102	106	Min.	215.97									-741.94	14					
109	102	106	Min.	362.00	0.00	1	0.00	2	0.00	14	-17624.90	19	-16355.90	6	1490.95	6			
109	106	110	Max	30.00	0.00	1	0.00	2	0.00	10	30885.80	20	-8486.50	6	176.09	14			
109	106	110	Max	314.04									17170.10	19					
109	106	110	Max	594.00	0.00	1	0.00	2	0.00	10	-15279.80	14	-7592.76	14	176.09	14			
109	106	110	Min.	30.00	0.00	1	0.00	2	0.00	2	15829.00	6	-27458.90	20	-329.32	6			
109	106	110	Min.	276.45									8683.00	6					
109	106	110	Min.	594.00	0.00	1	0.00	2	0.00	2	-29949.00	19	-24752.30	19	-329.32	6			
109	110	115	Max	15.00	0.00	1	0.00	10	0.00	2	24237.20	20	463.77	6	415.49	10			
109	110	115	Max	334.28									9301.44	14					
109	110	115	Max	404.00	0.00	1	0.00	10	0.00	10	-4458.90	14	7753.87	14	415.49	10			
109	110	115	Min.	15.00	0.00	1	0.00	2	0.00	10	7765.45	6	-23501.20	14	-546.83	2			
109	110	115	Min.	334.28									-6498.47	14					
109	110	115	Min.	404.00	0.00	1	0.00	2	0.00	2	-18625.30	19	-17928.80	6	-546.83	2			
109	115	-4117	Max	0.00	0.00	1	0.00	2	0.00	10	23501.10	6	6615.50	14	121.55	14			
109	115	-4117	Max	15.17									-654.45	10					
109	115	-4117	Max	50.00	0.00	1	0.00	2	0.00	2	20289.40	6	1130.94	14	121.55	14			
109	115	-4117	Min.	0.00	0.00	1	0.00	10	0.00	2	-9363.45	14	-16744.70	6	-358.05	6			
109	115	-4117	Min.	15.17									-6398.41	10					
109	115	-4117	Min.	50.00	0.00	1	0.00	10	0.00	10	-12575.20	14	-5797.17	6	-358.05	6			
109	-4117	-4119	Max	0.00	0.00	1	0.00	10	0.00	2	10646.30	6	1395.11	14	-34.09	10			
109	-4117	-4119	Max	31.90									-379.18	10					
109	-4117	-4119	Max	50.00	0.00	1	0.00	10	0.00	10	7434.59	6	-357.04	14	-34.09	10			
109	-4117	-4119	Min.	0.00	0.00	1	0.00	2	0.00	10	-1899.55	14	-5292.15	6	-479.71	2			
109	-4117	-4119	Min.	31.90									-1224.05	10					
109	-4117	-4119	Min.	50.00	0.00	1	0.00	2	0.00	2	-5111.27	14	-923.94	19	-479.71	2			
109	-4119	-4121	Max	0.00	0.00	1	0.00	2	0.00	10	3693.84	6	203.85	14	17.60	10			
109	-4119	-4121	Max	5.23									212.63	14					
109	-4119	-4121	Max	50.00	0.00	1	0.00	2	0.00	2	482.11	6	-429.78	14	17.60	10			
109	-4119	-4121	Min.	0.00	0.00	1	0.00	10	0.00	2	334.54	14	-1787.61	6	-991.66	2			
109	-4119	-4121	Min.	8.45									-1498.57	6					
109	-4119	-4121	Min.	50.00	0.00	1	0.00	10	0.00	10	-2877.18	14	-900.99	19	-991.66	2			
109	-4121	119	Max	0.00	0.00	1	0.00	10	0.00	10	4994.45	19	-518.96	14	617.59	2			
109	-4121	119	Max	30.00									-224.89	14					
109	-4121	119	Max	50.00	0.00	1	0.00	10	0.00	10	954.04	6	-315.46	6	617.59	2			
109	-4121	119	Min.	0.00	0.00	1	0.00	2	0.00	2	1937.76	14	-1683.22	19	-3608.64	10			
109	-4121	119	Min.	30.00									-664.70	14					
109	-4121	119	Min.	50.00	0.00	1	0.00	2	0.00	2	-1273.96	14	-525.53	17	-3608.64	10			
110	107	111	Max	17.50	0.00	1	0.00	2	0.00	10	16965.60	20	-855.69	6	560.74	14			
110	107	111	Max	279.55									13154.80	19					
110	107	111	Max	594.00	0.00	1	0.00	2	0.00	10	-11032.40	14	-6369.22	14	560.74	14			
110	107	111	Min.	17.50	0.00	1	0.00	2	0.00	2	9120.00	6	-10951.20	14	36.83	6			
110	107	111	Min.	239.51									7258.88	6					
110	107	111	Min.	594.00	0.00	1	0.00	2	0.00	2	-19878.50	19	-18045.00	19	36.83	6			
110	111	116	Max	15.00	0.00	1	0.00	10	0.00	2	14637.40	20	1956.35	6	345.19	14			
110	111	116	Max	359.66									7311.77	14					
110	111	116	Max	404.00	0.00	1	0.00	10	0.00	10	-1717.40	14	6953.61	14	345.19	14			
110	111	116	Min.	15.00	0.00	1	0.00	2	0.00	10	4009.45	6	-17410.00	14	-336.68	6			
110	111	116	Min.	359.66									-6530.03	14					
110	111	116	Min.	404.00	0.00	1	0.00	2	0.00	2	-11951.60	6	-13491.10	6	-336.68	6			
110	116	-4118	Max	0.00	0.00	1	0.00	2	0.00	10	17014.30	6	6153.61	14	168.31	14			
110	116	-4118	Max	50.00	0.00	1	0.00	2	0.00	2	15911.50	6	1482.70	14	168.31	14			
110	116	-4118	Min.	0.00	0.00	1	0.00	10	0.00	2	-8790.52	14	-12603.20	6	-333.74	6			
110	116	-4118	Min.	50.00	0.00	1	0.00	10	0.00	10	-9893.32	14	-4371.79	6	-333.74	6			
110	-4118	-4120	Max	0.00	0.00	1	0.00	10	0.00	2	7551.85	6	1572.61	14	-27.35	14			
110	-4118	-4120	Max	11.76									-36.63	10					
110	-4118	-4120	Max	50.00	0.00	1	0.00	10	0.00	10	6449.06	6	-71.91	14	-27.35	14			
110	-4118	-4120	Min.	0.00	0.00	1	0.00	2	0.00	10	-2741.80	14	-3987.46	6	-459.57	6			
110	-4118	-4120	Min.	11.76									-1279.87	10					
110	-4118	-4120	Min.	50.00	0.00	1	0.00	2	0.00	2	-3844.60	14	-489.31	6	-459.57	6			
110	-4120	-4122	Max	0.00	0.00	1	0.00	2	0.00	10	2420.94	6	326.32	14	-302.99	14			
110	-4120	-4122	Max	0.50									56.93	5					
110	-4120	-4122	Max	50.00	0.00	1	0.00	2	0.00	2	1318.14	6	-198.56	2	-302.99	14			
110	-4120	-4122	Min.	0.00	0.00	1	0.00	10	0.00	2	-538.12	14	-1190.14	6	-748.54	17			
110	-4120	-4122	Min.	0.50									-1087.15	5					
110	-4120	-4122	Min.	50.00	0.00	1	0.00	10	0.00	10	-1640.92	14	-356.57	17	-748.54	17			
110	-4122	120	Max	0.00	0.00	1	0.00	10	0.00	10	1877.79	19	-160.15	14	-909.46	2			
110	-4122	120	Max	22.27									-103.78	14					

110	-4122	120	Max	50.00	0.00	1	0.00	10	0.00	10	768.78	6	-80.18	6	-909.46	2		
110	-4122	120	Min.	0.00	0.00	1	0.00	2	0.00	2	488.53	14	-769.49	6	-2484.97	17		
110	-4122	120	Min.	22.27									-386.82	14				
110	-4122	120	Min.	50.00	0.00	1	0.00	2	0.00	2	-614.27	14	-226.55	20	-2484.97	17		
201	201	213	Max	30.00	0.00	1	0.00	6	0.00	6	1487.05	10	57.25	2	112.44	14		
201	201	213	Max	713.70									1395.48	10				
201	201	213	Max	975.00	0.00	1	0.00	6	0.00	6	-568.32	10	652.97	10	112.44	14		
201	201	213	Min.	30.00	0.00	1	0.00	6	0.00	14	686.91	2	-3688.02	10	-209.53	6		
201	201	213	Min.	713.70									-263.76	10				
201	201	213	Min.	975.00	0.00	1	0.00	6	0.00	14	-1368.46	2	-3163.10	2	-209.53	6		
201	213	-4246	Max	0.00	0.00	1	0.00	14	0.00	14	4748.18	2	868.11	10	2174.91	6		
201	213	-4246	Max	46.68									-128.87	16				
201	213	-4246	Max	50.00	0.00	1	0.00	14	0.00	14	4639.43	2	-79.26	14	2174.91	6		
201	213	-4246	Min.	0.00	0.00	1	0.00	6	0.00	6	-2296.92	10	-2499.66	2	-630.62	14		
201	213	-4246	Min.	46.68									-385.63	16				
201	213	-4246	Min.	50.00	0.00	1	0.00	6	0.00	6	-2405.67	10	-385.53	20	-630.62	14		
201	-4246	-4247	Max	0.00	0.00	1	0.00	6	0.00	14	1137.15	2	142.77	10	366.10	6		
201	-4246	-4247	Max	50.00	0.00	1	0.00	6	0.00	6	1028.40	2	142.45	2	366.10	6		
201	-4246	-4247	Min.	0.00	0.00	1	0.00	14	0.00	6	-606.28	10	-399.76	2	-82.56	14		
201	-4246	-4247	Min.	50.00	0.00	1	0.00	14	0.00	14	-715.03	10	-188.38	10	-82.56	14		
201	-4247	-4248	Max	0.00	0.00	1	0.00	14	0.00	14	788.83	2	190.36	10	165.84	14		
201	-4247	-4248	Max	50.00	0.00	1	0.00	14	0.00	14	680.08	2	196.03	2	165.84	14		
201	-4247	-4248	Min.	0.00	0.00	1	0.00	6	0.00	6	-1087.40	10	-171.23	2	-25.68	6		
201	-4247	-4248	Min.	50.00	0.00	1	0.00	6	0.00	6	-1196.15	10	-380.56	10	-25.68	6		
201	-4248	214	Max	0.00	0.00	1	0.00	14	0.00	6	2944.37	2	251.43	10	43.15	10		
201	-4248	214	Max	50.00	0.00	1	0.00	14	0.00	14	2835.62	2	1326.31	2	43.15	10		
201	-4248	214	Min.	0.00	0.00	1	0.00	6	0.00	14	-6039.37	10	-127.34	2	-34.03	2		
201	-4248	214	Min.	50.00	0.00	1	0.00	6	0.00	6	-6148.12	10	-2804.10	10	-34.03	2		
201	214	202	Max	0.00	0.00	1	0.00	6	0.00	6	1616.14	10	1772.84	2	47.94	14		
201	214	202	Max	536.50									783.74	14				
201	214	202	Max	589.00	0.00	1	0.00	6	0.00	6	335.07	10	1963.31	10	47.94	14		
201	214	202	Min.	0.00	0.00	1	0.00	6	0.00	14	-114.65	2	-3783.00	10	-181.90	6		
201	214	202	Min.	536.50									-855.75	14				
201	214	202	Min.	589.00	0.00	1	0.00	6	0.00	14	-1395.73	2	-2675.22	2	-181.90	6		
201	202	203	Max	0.00	0.00	1	0.00	6	0.00	6	920.61	10	788.66	2	17.08	19		
201	202	203	Max	387.93									455.27	14				
201	202	203	Max	432.00	0.00	1	0.00	6	0.00	6	207.81	10	1084.34	10	17.08	19		
201	202	203	Min.	0.00	0.00	1	0.00	6	0.00	6	-133.16	2	-1353.08	10	2.85	6		
201	202	203	Min.	387.93									-386.46	14				
201	202	203	Min.	432.00	0.00	1	0.00	6	0.00	6	-845.96	2	-1326.25	2	2.85	6		
202	204	205	Max	30.00	0.00	1	0.00	6	0.00	6	1459.57	18	-181.88	2	91.57	14		
202	204	205	Max	681.54									1182.59	10				
202	204	205	Max	975.00	0.00	1	0.00	6	0.00	6	-637.75	10	247.60	10	91.57	14		
202	204	205	Min.	30.00	0.00	1	0.00	6	0.00	14	739.47	2	-3437.35	10	-129.58	6		
202	204	205	Min.	681.54									42.99	10				
202	204	205	Min.	975.00	0.00	1	0.00	6	0.00	14	-1315.91	2	-2905.57	2	-129.58	6		
202	205	206	Max	30.00	0.00	1	0.00	6	0.00	2	1361.08	10	490.14	2	34.09	10		
202	205	206	Max	654.44									1176.54	10				
202	205	206	Max	789.00	0.00	1	0.00	6	0.00	6	-289.75	10	983.56	10	34.09	10		
202	205	206	Min.	30.00	0.00	1	0.00	6	0.00	10	438.38	2	-3082.14	10	-27.11	2		
202	205	206	Min.	654.44									-970.41	10				
202	205	206	Min.	789.00	0.00	1	0.00	6	0.00	14	-1212.45	2	-2447.45	2	-27.11	2		
202	206	207	Max	0.00	0.00	1	0.00	14	0.00	14	1159.39	10	975.54	2	37.82	6		
202	206	207	Max	414.00									448.90	5				
202	206	207	Max	422.00	0.00	1	0.00	14	0.00	14	463.09	10	1469.66	10	37.82	6		
202	206	207	Min.	0.00	0.00	1	0.00	6	0.00	6	-259.20	2	-1953.76	10	-24.69	14		
202	206	207	Min.	414.00									-584.23	5				
202	206	207	Min.	422.00	0.00	1	0.00	6	0.00	6	-955.50	2	-1587.46	2	-24.69	14		
203	208	209	Max	30.00	0.00	1	0.00	6	0.00	6	1444.80	18	-145.11	10	86.79	14		
203	208	209	Max	677.38									1177.64	2				
203	208	209	Max	975.00	0.00	1	0.00	6	0.00	6	-647.36	2	214.26	2	86.79	14		
203	208	209	Min.	30.00	0.00	1	0.00	6	0.00	14	728.99	10	-3379.85	2	-66.21	6		
203	208	209	Min.	677.38									29.24	2				
203	208	209	Min.	975.00	0.00	1	0.00	6	0.00	14	-1326.39	10	-2967.82	10	-66.21	6		
203	209	210	Max	30.00	0.00	1	0.00	6	0.00	2	1377.27	2	614.10	10	84.03	14		
203	209	210	Max	662.14									1226.13	2				
203	209	210	Max	789.00	0.00	1	0.00	6	0.00	6	-273.55	2	1054.12	2	84.03	14		
203	209	210	Min.	30.00	0.00	1	0.00	6	0.00	10	403.32	10	-3134.52	2	-30.65	6		
203	209	210	Min.	662.14									-1156.17	2				
203	209	210	Min.	789.00	0.00	1	0.00	6	0.00	14	-1247.50	10	-2589.57	10	-30.65	6		
203	210	211	Max	0.00	0.00	1	0.00	6	0.00	6	1148.63	2	953.83	10	-7.06	14		
203	210	211	Max	421.20									471.39	6				
203	210	211	Max	432.00	0.00	1	0.00	6	0.00	6	435.83	2	1465.32	2	-7.06	14		
203	210	211	Min.	0.00	0.00	1	0.00	6	0.00	6	-219.90	10	-1957.10	2	-30.52	6		
203	210	211	Min.	421.20									-463.64	6				
203	210	211	Min.	432.00	0.00	1	0.00	6	0.00	6	-932.70	10	-1535.81	10	-30.52	6		
204	212	217	Max	30.00	0.00	1	0.00	6	0.00	6	1412.27	2	204.76	10	262.33	14		
204	212	217	Max	678.73									1358.78	2				
204	212	217	Max	975.00	0.00	1	0.00	6	0.00	6	-643.11	2	408.01	2	262.33	14		
204	212	217	Min.	30.00	0.00	1	0.00	6	0.00	14	656.45	10	-3226.28	2	-2.84	6		
204	212	217	Min.	678.73									-58.14	2				
204	212	217	Min.	975.00	0.00	1	0.00	6	0.00	14	-1398.93	10	-3303.48	10	-2.84	6		

204	217	-4255	Max	0.00	0.00	1	0.00	14	0.00	14	4987.01	10	470.55	2	-263.82	6			
204	217	-4255	Max	50.00	0.00	1	0.00	14	0.00	14	4878.26	10	-136.21	2	-263.82	6			
204	217	-4255	Min.	0.00	0.00	1	0.00	6	0.00	6	-1709.52	2	-2644.33	10	-2734.83	14			
204	217	-4255	Min.	50.00	0.00	1	0.00	6	0.00	6	-1818.27	2	-484.98	18	-2734.83	14			
204	-4255	-4256	Max	0.00	0.00	1	0.00	6	0.00	14	1245.47	10	67.33	2	-41.39	6			
204	-4255	-4256	Max	50.00	0.00	1	0.00	6	0.00	6	1136.72	10	165.04	10	-41.39	6			
204	-4255	-4256	Min.	0.00	0.00	1	0.00	14	0.00	6	-415.89	2	-432.86	10	-431.57	14			
204	-4255	-4256	Min.	50.00	0.00	1	0.00	14	0.00	14	-524.64	2	-170.16	2	-431.57	14			
204	-4256	-4257	Max	0.00	0.00	1	0.00	14	0.00	14	918.30	10	161.85	2	-12.42	14			
204	-4256	-4257	Max	13.22									-34.48	29					
204	-4256	-4257	Max	50.00	0.00	1	0.00	14	0.00	14	809.55	10	230.99	10	-12.42	14			
204	-4256	-4257	Min.	0.00	0.00	1	0.00	6	0.00	6	-1042.19	2	-201.49	10	-189.40	6			
204	-4256	-4257	Min.	10.00									-36.56	21					
204	-4256	-4257	Min.	50.00	0.00	1	0.00	6	0.00	6	-1150.94	2	-386.95	2	-189.40	6			
204	-4257	218	Max	0.00	0.00	1	0.00	14	0.00	6	3604.48	10	240.26	2	22.22	14			
204	-4257	218	Max	50.00	0.00	1	0.00	14	0.00	14	3495.73	10	1618.55	10	22.22	14			
204	-4257	218	Min.	0.00	0.00	1	0.00	6	0.00	14	-6195.92	2	-168.54	10	-50.74	6			
204	-4257	218	Min.	50.00	0.00	1	0.00	6	0.00	6	-6304.67	2	-2896.93	2	-50.74	6			
204	218	219	Max	0.00	0.00	1	0.00	6	0.00	6	1721.95	2	2178.35	10	72.74	14			
204	218	219	Max	532.52									886.60	6					
204	218	219	Max	589.00	0.00	1	0.00	6	0.00	6	440.88	2	2452.43	2	72.74	14			
204	218	219	Min.	0.00	0.00	1	0.00	6	0.00	14	-268.87	10	-3917.13	2	-17.47	6			
204	218	219	Min.	532.52									-874.80	6					
204	218	219	Min.	589.00	0.00	1	0.00	6	0.00	14	-1549.95	10	-3178.08	10	-17.47	6			
204	219	220	Max	0.00	0.00	1	0.00	6	0.00	6	1124.13	2	1111.20	10	37.02	14			
204	219	220	Max	425.43									515.38	5					
204	219	220	Max	432.00	0.00	1	0.00	6	0.00	6	411.32	2	1453.48	2	37.02	14			
204	219	220	Min.	0.00	0.00	1	0.00	6	0.00	6	-294.26	10	-1863.14	2	-28.87	6			
204	219	220	Min.	411.69									-711.96	14					
204	219	220	Min.	432.00	0.00	1	0.00	6	0.00	6	-1007.06	10	-1699.67	10	-28.87	6			
205	201	204	Max	80.00	0.00	1	0.00	18	0.00	10	3553.79	6	3841.03	14	58.91	14			
205	201	204	Max	297.60									229.22	18					
205	201	204	Max	352.00	0.00	1	0.00	18	0.00	10	2962.19	6	4439.75	6	58.91	14			
205	201	204	Min.	80.00	0.00	1	0.00	29	0.00	2	-2697.60	14	-4421.97	6	-42.22	6			
205	201	204	Min.	210.84									86.44	23					
205	201	204	Min.	352.00	0.00	1	0.00	29	0.00	2	-3289.20	14	-4301.03	14	-42.22	6			
205	204	208	Max	40.00	0.00	1	0.00	10	0.00	10	1381.10	6	1594.68	14	56.34	14			
205	204	208	Max	479.16									564.91	2					
205	204	208	Max	599.00	0.00	1	0.00	10	0.00	10	165.28	6	1584.56	6	56.34	14			
205	204	208	Min.	40.00	0.00	1	0.00	2	0.00	2	-151.91	14	-2737.58	6	-43.88	6			
205	204	208	Min.	166.12									-237.45	10					
205	204	208	Min.	599.00	0.00	1	0.00	2	0.00	2	-1367.73	14	-2652.72	14	-43.88	6			
205	208	212	Max	40.00	0.00	1	0.00	2	0.00	10	1206.16	6	1779.32	14	149.98	10			
205	208	212	Max	93.82									676.91	10					
205	208	212	Max	574.00	0.00	1	0.00	2	0.00	2	44.71	6	1049.76	6	149.98	10			
205	208	212	Min.	40.00	0.00	1	0.00	10	0.00	2	-306.99	14	-2290.09	6	-15.30	2			
205	208	212	Min.	93.82									-409.38	10					
205	208	212	Min.	574.00	0.00	1	0.00	10	0.00	10	-1468.43	14	-2961.08	14	-15.30	2			
208	213	205	Max	30.00	0.00	1	0.00	2	0.00	2	8523.37	6	2994.09	14	569.24	10			
208	213	205	Max	287.62									5806.29	6					
208	213	205	Max	362.00	0.00	1	0.00	2	0.00	2	-2460.22	6	4891.37	6	569.24	10			
208	213	205	Min.	30.00	0.00	1	0.00	2	0.00	10	1525.26	14	-5174.23	6	2.21	2			
208	213	205	Min.	287.62									-3479.88	6					
208	213	205	Min.	362.00	0.00	1	0.00	2	0.00	10	-9458.33	14	-10175.60	14	2.21	2			
208	205	209	Max	30.00	0.00	1	0.00	2	0.00	10	13989.00	20	-135.63	14	215.84	14			
208	205	209	Max	297.08									7764.03	17					
208	205	209	Max	574.00	0.00	1	0.00	2	0.00	2	-6528.53	6	-200.18	6	215.84	14			
208	205	209	Min.	30.00	0.00	1	0.00	10	0.00	2	6248.40	14	-13644.40	6	-166.24	6			
208	205	209	Min.	374.65									1974.44	8					
208	205	209	Min.	574.00	0.00	1	0.00	10	0.00	10	-14396.90	19	-15103.80	14	-166.24	6			
208	209	217	Max	15.00	0.00	1	0.00	2	0.00	14	16611.60	20	-3923.89	14	30.55	14			
208	209	217	Max	332.91									9876.25	19					
208	209	217	Max	574.00	0.00	1	0.00	2	0.00	10	-5920.28	6	976.91	6	30.55	14			
208	209	217	Min.	15.00	0.00	1	0.00	2	0.00	6	8713.14	14	-17618.00	6	-370.59	6			
208	209	217	Min.	277.55									4188.46	14					
208	209	217	Min.	574.00	0.00	1	0.00	2	0.00	2	-12398.60	19	-6906.75	14	-370.59	6			
209	202	206	Max	30.00	0.00	1	0.00	2	0.00	2	8749.81	20	2372.92	6	100.60	10			
209	202	206	Max	150.85									5738.00	20					
209	202	206	Max	362.00	0.00	1	0.00	2	0.00	2	-8053.83	14	-3031.87	14	100.60	10			
209	202	206	Min.	30.00	0.00	1	0.00	2	0.00	10	3631.74	6	-1503.14	14	-990.54	2			
209	202	206	Min.	184.21									2653.04	14					
209	202	206	Min.	362.00	0.00	1	0.00	2	0.00	10	-15617.00	19	-11127.80	19	-990.54	2			
209	206	210	Max	30.00	0.00	1	0.00	10	0.00	14	21207.70	20	-7953.03	6	197.53	14			
209	206	210	Max	319.35									11647.80	19					
209	206	210	Max	594.00	0.00	1	0.00	10	0.00	10	-11132.70	14	-6085.49	14	197.53	14			
209	206	210	Min.	30.00	0.00	1	0.00	2	0.00	6	11952.90	6	-19430.70	20	-149.32	6			
209	206	210	Min.	291.48									6729.31	6					
209	206	210	Min.	594.00	0.00	1	0.00	2	0.00	2	-19885.00	19	-15659.00	19	-149.32	6			
209	210	215	Max	15.00	0.00	1	0.00	10	0.00	10	16255.80	20	-1362.15	6	562.81	10			
209	210	215	Max	317.44									6065.06	14					
209	210	215	Max	404.00	0.00	1	0.00	10	0.00	10	-3959.21	14	4351.57	14	562.81	10			
209	210	215	Min.	15.00	0.00	1	0.00	2	0.00	2	6295.75	6	-14855.70	14	-244.14	2			

209	210	215	Min.	317.44									-2593.43	14					
209	210	215	Min.	404.00	0.00	1	0.00	2	0.00	2	-12621.70	19	-11480.30	6	-244.14	2			
209	215	-4249	Max	0.00	0.00	1	0.00	2	0.00	14	12514.70	6	4068.92	14	272.14	14			
209	215	-4249	Max	20.00									-723.87	10					
209	215	-4249	Max	50.00	0.00	1	0.00	2	0.00	2	10227.60	6	1358.20	14	272.14	14			
209	215	-4249	Min.	0.00	0.00	1	0.00	10	0.00	6	-4279.69	14	-11659.90	6	-49.35	6			
209	215	-4249	Min.	20.00									-4555.96	10					
209	215	-4249	Min.	50.00	0.00	1	0.00	10	0.00	10	-6566.79	14	-5975.20	6	-49.35	6			
209	-4249	-4251	Max	0.00	0.00	1	0.00	2	0.00	2	9176.53	6	1326.37	14	506.32	10			
209	-4249	-4251	Max	40.00									-335.54	10					
209	-4249	-4251	Max	50.00	0.00	1	0.00	2	0.00	6	6889.43	6	20.78	14	506.32	10			
209	-4249	-4251	Min.	0.00	0.00	1	0.00	10	0.00	10	-1468.42	14	-5214.89	6	-350.70	2			
209	-4249	-4251	Min.	40.00									-1050.72	10					
209	-4249	-4251	Min.	50.00	0.00	1	0.00	10	0.00	14	-3755.52	14	-1198.80	6	-350.70	2			
209	-4251	-4253	Max	0.00	0.00	1	0.00	2	0.00	6	4115.30	6	61.67	14	989.85	2			
209	-4251	-4253	Max	2.62									63.82	14					
209	-4251	-4253	Max	50.00	0.00	1	0.00	2	0.00	2	1828.20	6	55.28	6	989.85	2			
209	-4251	-4253	Min.	0.00	0.00	1	0.00	10	0.00	14	134.97	14	-1440.94	6	-899.09	10			
209	-4251	-4253	Min.	2.62									-1233.95	14					
209	-4251	-4253	Min.	50.00	0.00	1	0.00	10	0.00	10	-2152.13	14	-452.96	14	-899.09	10			
209	-4253	219	Max	0.00	0.00	1	0.00	2	0.00	10	2385.94	17	-97.61	6	2448.58	2			
209	-4253	219	Max	32.67									157.74	6					
209	-4253	219	Max	50.00	0.00	1	0.00	2	0.00	2	-625.49	6	98.68	6	2448.58	2			
209	-4253	219	Min.	0.00	0.00	1	0.00	10	0.00	2	1397.76	14	-472.13	14	-2546.21	10			
209	-4253	219	Min.	31.84									-216.58	14					
209	-4253	219	Min.	50.00	0.00	1	0.00	10	0.00	10	-1246.95	18	-282.28	14	-2546.21	10			
210	203	207	Max	30.00	0.00	1	0.00	10	0.00	6	3777.88	20	1025.09	6	573.64	10			
210	203	207	Max	170.28									2673.78	20					
210	203	207	Max	374.50	0.00	1	0.00	10	0.00	10	-2836.07	14	-479.98	14	573.64	10			
210	203	207	Min.	30.00	0.00	1	0.00	2	0.00	14	1683.72	6	-892.07	14	-159.70	2			
210	203	207	Min.	208.72									1368.24	14					
210	203	207	Min.	374.50	0.00	1	0.00	2	0.00	2	-5590.58	19	-3356.84	6	-159.70	2			
210	207	211	Max	17.50	0.00	1	0.00	10	0.00	2	8097.33	20	-2417.33	6	133.33	14			
210	207	211	Max	319.36									4792.91	20					
210	207	211	Max	594.00	0.00	1	0.00	10	0.00	10	-3907.78	14	-799.75	14	133.33	14			
210	207	211	Min.	17.50	0.00	1	0.00	2	0.00	10	4257.00	6	-7428.40	20	-246.36	6			
210	207	211	Min.	352.13									2219.68	6					
210	207	211	Min.	594.00	0.00	1	0.00	2	0.00	2	-7527.96	19	-6390.06	6	-246.36	6			
210	211	216	Max	15.00	0.00	1	0.00	10	0.00	10	7591.31	14	4782.65	6	311.94	10			
210	211	216	Max	16.95									3872.42	5					
210	211	216	Max	404.00	0.00	1	0.00	10	0.00	10	916.53	14	6732.02	14	311.94	10			
210	211	216	Min.	15.00	0.00	1	0.00	2	0.00	2	-459.35	6	-9815.74	14	-200.80	2			
210	211	216	Min.	16.95									-6933.81	5					
210	211	216	Min.	404.00	0.00	1	0.00	2	0.00	2	-7134.13	6	-9986.67	6	-200.80	2			
210	216	-4250	Max	0.00	0.00	1	0.00	2	0.00	14	11031.40	6	6493.46	14	230.91	14			
210	216	-4250	Max	32.41									-469.32	2					
210	216	-4250	Max	50.00	0.00	1	0.00	2	0.00	2	10173.50	6	2607.66	14	230.91	14			
210	216	-4250	Min.	0.00	0.00	1	0.00	10	0.00	6	-7344.00	14	-9938.91	6	-126.06	6			
210	216	-4250	Min.	32.41									-3414.68	2					
210	216	-4250	Min.	50.00	0.00	1	0.00	10	0.00	10	-8201.94	14	-4638.37	6	-126.06	6			
210	-4250	-4252	Max	0.00	0.00	1	0.00	2	0.00	2	6971.48	6	2384.63	14	250.52	10			
210	-4250	-4252	Max	50.00	0.00	1	0.00	2	0.00	6	6113.54	6	355.66	14	250.52	10			
210	-4250	-4252	Min.	0.00	0.00	1	0.00	10	0.00	10	-3636.24	14	-4113.23	6	-154.19	2			
210	-4250	-4252	Min.	50.00	0.00	1	0.00	10	0.00	14	-4494.18	14	-845.62	6	-154.19	2			
210	-4252	-4254	Max	0.00	0.00	1	0.00	2	0.00	6	2679.19	6	560.25	14	407.49	10			
210	-4252	-4254	Max	11.55									92.27	10					
210	-4252	-4254	Max	50.00	0.00	1	0.00	2	0.00	2	1821.25	6	11.99	6	407.49	10			
210	-4252	-4254	Min.	0.00	0.00	1	0.00	10	0.00	14	-897.60	14	-1132.89	6	-367.59	2			
210	-4252	-4254	Min.	11.55									-302.21	10					
210	-4252	-4254	Min.	50.00	0.00	1	0.00	10	0.00	10	-1755.54	14	-122.80	14	-367.59	2			
210	-4254	220	Max	0.00	0.00	1	0.00	2	0.00	10	979.47	6	18.97	14	862.88	2			
210	-4254	220	Max	36.38									63.17	2					
210	-4254	220	Max	50.00	0.00	1	0.00	2	0.00	2	121.53	6	97.29	6	862.88	2			
210	-4254	220	Min.	0.00	0.00	1	0.00	10	0.00	2	137.82	14	-192.27	6	-1033.20	10			
210	-4254	220	Min.	49.00									-120.78	16					
210	-4254	220	Min.	50.00	0.00	1	0.00	10	0.00	10	-720.11	14	-140.91	14	-1033.20	10			
501	13	-3672	Max	25.00	7076.95	10	1509.69	14	564.56	6	6837.29	10	1101.45	2	1171.67	14			
501	13	-3672	Max	40.50	7076.95	10	1509.69	14	211.86	6	6809.19	10	160.10	14	1171.67	14			
501	13	-3672	Min.	25.00	-4662.84	2	-2276.65	6	-329.19	14	-7730.43	2	-1258.21	10	-1194.67	6			
501	13	-3672	Min.	40.50	-4662.84	2	-2276.65	6	-95.37	14	-7758.52	2	-459.65	6	-1194.67	6			
501	-3672	-3673	Max	0.00	5261.31	2	1103.17	14	471.26	6	891.46	10	152.22	2	406.52	14			
501	-3672	-3673	Max	22.84					41.67	29			-44.85	29					
501	-3672	-3673	Max	40.50	5261.31	2	1103.17	14	111.71	14	818.05	10	128.73	14	406.52	14			
501	-3672	-3673	Min.	0.00	-2359.25	10	-1323.23	6	-335.88	14	-662.22	2	-297.94	10	-452.95	6			
501	-3672	-3673	Min.	39.69					36.31	17			-68.65	17					
501	-3672	-3673	Min.	40.50	-2359.25	10	-1323.23	6	-65.46	6	-735.63	2	-211.34	6	-452.95	6			
501	-3673	-3674	Max	0.00	5201.63	6	709.10	14	113.47	6	123.73	6	48.58	14	271.76	14			
501	-3673	-3674	Max	0.81					98.74	14			48.58	14					
501	-3673	-3674	Max	40.50	5201.63	6	709.10	14	242.60	14	50.33	6	36.00	14	271.76	14			
501	-3673	-3674	Min.	0.00	-2533.04	14	-923.27	6	-44.94	14	1.16	14	-119.83	6	-336.67	6			
501	-3673	-3674	Min.	5.11					-6.90	6			-113.76	6					
501	-3673	-3674	Min.	40.50	-2533.04	14	-923.27	6	-260.81	6	-72.25	14	-86.41	6	-336.67	6			

501	-3674	14	Max	0.00	4582.49	6	812.99	14	133.05	14	217.19	20	17.57	14	155.13	14							
501	-3674	14	Max	40.50	4582.49	6	812.99	14	462.25	14	121.76	20	41.54	14	155.13	14							
501	-3674	14	Min.	0.00	-2433.93	14	-1088.54	6	-124.75	6	94.70	14	-84.83	6	-285.95	6							
501	-3674	14	Min.	40.50	-2433.93	14	-1088.54	6	-565.55	6	21.29	14	-22.99	6	-285.95	6							
501	14	-3675	Max	0.00	3672.24	6	101.36	14	69.74	14	249.73	17	16.84	14	102.47	14							
501	14	-3675	Max	17.05					86.56	14			29.55	14									
501	14	-3675	Max	48.15	3672.24	6	101.36	14	117.62	14	-258.79	2	-12.42	14	102.47	14							
501	14	-3675	Min.	0.00	-1940.28	14	-23.31	6	-106.42	6	143.99	10	-31.37	6	-11.19	6							
501	14	-3675	Min.	17.24					-109.97	6			-16.34	6									
501	14	-3675	Min.	48.15	-1940.28	14	-23.31	6	-116.72	6	-431.88	18	-57.39	6	-11.19	6							
501	-3675	-3676	Max	0.00	3185.18	6	51.49	14	56.58	14	340.77	17	-5.77	14	55.65	14							
501	-3675	-3676	Max	23.48					68.57	14			17.73	14									
501	-3675	-3676	Max	48.15	3185.18	6	51.49	14	81.19	14	-200.73	2	-9.41	14	55.65	14							
501	-3675	-3676	Min.	0.00	-1623.98	14	-7.84	6	-70.68	6	201.44	10	-39.87	6	-34.72	6							
501	-3675	-3676	Min.	23.71					-72.44	6			-11.51	6									
501	-3675	-3676	Min.	48.15	-1623.98	14	-7.84	6	-74.28	6	-340.59	18	-36.38	20	-34.72	6							
501	-3676	-3677	Max	0.00	2831.26	6	28.63	14	35.60	14	339.97	17	-10.25	14	38.28	14							
501	-3676	-3677	Max	23.84					42.30	14			13.96	14									
501	-3676	-3677	Max	48.15	2831.26	6	28.63	14	49.17	14	-202.26	2	-12.47	14	38.28	14							
501	-3676	-3677	Min.	0.00	-1487.74	14	-18.26	6	-39.10	6	201.59	10	-33.05	20	-27.23	6							
501	-3676	-3677	Min.	24.01					-43.36	6			-3.82	6									
501	-3676	-3677	Min.	48.15	-1487.74	14	-18.26	6	-47.67	6	-341.45	18	-33.34	20	-27.23	6							
501	-3677	-3678	Max	0.00	2552.19	6	23.81	14	19.17	14	339.19	17	-12.90	14	25.04	14							
501	-3677	-3678	Max	23.94					24.71	14			11.61	14									
501	-3677	-3678	Max	48.15	2552.19	6	23.81	14	30.38	14	-202.61	2	-14.53	10	25.04	14							
501	-3677	-3678	Min.	0.00	-1393.75	14	-19.41	6	-23.53	6	200.72	10	-30.59	20	-20.62	6							
501	-3677	-3678	Min.	23.58					-27.95	6			1.16	6									
501	-3677	-3678	Min.	48.15	-1393.75	14	-19.41	6	-32.62	6	-342.37	18	-31.43	18	-20.62	6							
501	-3678	-3679	Max	0.00	2360.19	6	18.70	14	11.17	14	339.07	17	-14.92	14	16.80	14							
501	-3678	-3679	Max	23.57					-3.74	17			11.48	17									
501	-3678	-3679	Max	48.15	2360.19	6	18.70	14	19.90	14	-202.02	2	-13.80	2	16.80	14							
501	-3678	-3679	Min.	0.00	-1334.93	14	-19.54	6	-15.69	6	199.82	10	-29.34	20	-15.73	6							
501	-3678	-3679	Min.	24.10					-20.22	6			4.23	6									
501	-3678	-3679	Min.	48.15	-1334.93	14	-19.54	6	-24.82	6	-342.65	18	-30.55	18	-15.73	6							
501	-3679	-3680	Max	0.00	2260.79	6	16.70	14	8.10	14	339.22	17	-16.72	14	10.78	14							
501	-3679	-3680	Max	23.58					-4.91	17			11.98	17									
501	-3679	-3680	Max	48.15	2260.79	6	16.70	14	15.94	14	-201.03	2	-12.20	2	10.78	14							
501	-3679	-3680	Min.	0.00	-1313.95	14	-20.77	6	-13.33	6	198.87	10	-28.88	20	-11.97	6							
501	-3679	-3680	Min.	25.24					-7.05	10			3.92	10									
501	-3679	-3680	Min.	48.15	-1313.95	14	-20.77	6	-23.13	6	-342.70	18	-30.31	18	-11.97	6							
501	-3680	-3681	Max	0.00	2257.86	6	15.90	14	10.07	14	339.43	17	-17.01	2	5.90	14							
501	-3680	-3681	Max	25.74					1.18	2			12.47	2									
501	-3680	-3681	Max	48.15	2257.86	6	15.90	14	17.64	14	-199.88	2	-9.94	2	5.90	14							
501	-3680	-3681	Min.	0.00	-1334.85	14	-22.94	6	-15.99	6	197.86	10	-29.14	18	-9.13	6							
501	-3680	-3681	Min.	25.53					-8.89	10			1.79	10									
501	-3680	-3681	Min.	48.15	-1334.85	14	-22.94	6	-26.95	6	-342.68	18	-30.68	18	-9.13	6							
501	-3681	-3682	Max	0.00	2479.88	2	15.88	14	17.17	14	339.63	17	-15.10	2	1.41	14							
501	-3681	-3682	Max	25.88					2.93	2			14.77	2									
501	-3681	-3682	Max	48.15	2479.88	2	15.88	14	24.79	14	-198.61	2	-7.34	2	1.41	14							
501	-3681	-3682	Min.	0.00	-1528.49	10	-26.56	6	-23.53	6	196.69	10	-30.15	18	-7.22	6							
501	-3681	-3682	Min.	25.65					-12.02	10			-1.54	10									
501	-3681	-3682	Min.	48.15	-1528.49	10	-26.56	6	-36.29	6	-342.71	18	-31.71	18	-7.22	6							
501	-3682	-3683	Max	0.00	2891.12	2	16.59	14	30.17	14	339.71	17	-12.77	2	-3.21	6							
501	-3682	-3683	Max	26.06					6.54	2			17.52	2									
501	-3682	-3683	Max	48.15	2891.12	2	16.59	14	38.06	14	-197.02	2	-4.24	2	-3.21	6							
501	-3682	-3683	Min.	0.00	-1864.57	10	-32.71	6	-36.19	6	194.98	10	-31.90	18	-7.91	20							
501	-3682	-3683	Min.	25.80					-16.73	10			-6.21	10									
501	-3682	-3683	Min.	48.15	-1864.57	10	-32.71	6	-51.85	6	-342.94	18	-36.34	10	-7.91	20							
501	-3683	-3684	Max	0.00	3472.46	2	16.45	14	50.38	14	339.44	17	-10.05	2	-5.49	2							
501	-3683	-3684	Max	26.33					12.63	2			20.86	2									
501	-3683	-3684	Max	48.15	3472.46	2	16.45	14	57.98	14	-194.62	2	-0.37	2	-5.49	2							
501	-3683	-3684	Min.	0.00	-2334.96	10	-41.99	6	-54.48	6	191.86	10	-34.53	18	-13.51	17							
501	-3683	-3684	Min.	26.02					-23.39	10			-12.69	10									
501	-3683	-3684	Min.	48.15	-2334.96	10	-41.99	6	-74.37	6	-343.75	18	-43.44	10	-13.51	17							
501	-3684	-3685	Max	0.00	4298.41	2	24.28	14	80.31	14	338.40	17	-7.11	2	-8.74	6							
501	-3684	-3685	Max	26.81					23.26	2			24.94	2									
501	-3684	-3685	Max	48.15	4298.41	2	24.28	14	91.16	14	-190.37	2	4.62	2	-8.74	6							
501	-3684	-3685	Min.	0.00	-3036.03	10	-63.77	6	-79.32	6	185.56	10	-39.70	10	-23.86	17							
501	-3684	-3685	Min.	26.42					-32.74	10			-21.80	10									
501	-3684	-3685	Min.	48.15	-3036.03	10	-63.77	6	-109.19	6	-345.81	18	-53.74	10	-23.86	17							
501	-3685	-3686	Max	0.00	5472.84	2	15.45	14	127.24	14	337.39	17	-3.98	2	-15.80	10							
501	-3685	-3686	Max	27.82					36.79	2			30.53	2									
501	-3685	-3686	Max	48.15	5472.84	2	15.45	14	132.85	14	-181.35	2	12.09	2	-15.80	10							
501	-3685	-3686	Min.	0.00	-4125.49	10	-98.01	6	-115.94	6	173.82	10	-48.95	10	-40.78	17							
501	-3685	-3686	Min.	27.28					-48.19	10			-34.72	10									
501	-3685	-3686	Min.	48.15	-4125.49	10	-98.01	6	-161.31	6	-348.82	18	-68.65	10	-40.78	17							
501	-3686	15	Max	0.00	7126.51	2	5.44	14	181.11	14	435.66	17	-10.80	2	-42.04	10							
501	-3686	15	Max	36.21					54.52	2			47.66	2									
501	-3686	15	Max	48.15	7126.51	2	5.44	14	183.66	14	-106.53	2	41.30	2	-42.04	10							
501	-3686	15	Min.	0.00	-5880.58	10	-143.94	6	-162.64	6	221.33	10	-70.99	10	-106.55	17							
501	-3686	15	Min.	35.47					-85.53	10			-48.59	10									
501	-3686	15	Min.	48.15	-5880.58	10	-143.94	6	-231.89	6	-253.20	18	-67.81	10	-106.55	17							

501	15	-3687	Max	0.00	9870.74	2	1291.23	6	736.98	14	18.02	2	50.85	2	172.90	6
501	15	-3687	Max	9.35					179.83	2			51.65	2		
501	15	-3687	Max	46.75	9870.74	2	1291.23	6	184.57	14	-66.72	2	39.11	2	172.90	6
501	15	-3687	Min.	0.00	-8649.44	10	-1181.97	14	-797.22	6	-145.70	10	-51.92	10	-148.67	14
501	15	-3687	Min.	9.35					-273.82	2			-59.62	2		
501	15	-3687	Min.	46.75	-8649.44	10	-1181.97	14	-193.73	6	-231.40	18	-139.49	10	-148.67	14
501	-3687	-3688	Max	0.00	13824.70	2	848.80	6	230.07	14	190.56	2	37.35	2	160.96	6
501	-3687	-3688	Max	8.98					30.82	29			-30.00	29		
501	-3687	-3688	Max	46.75	13824.70	2	848.80	6	233.02	6	105.82	2	106.63	2	160.96	6
501	-3687	-3688	Min.	0.00	-12974.50	10	-857.48	14	-170.26	6	-194.38	10	-113.37	10	-258.08	14
501	-3687	-3688	Min.	2.07					47.21	17			-51.25	17		
501	-3687	-3688	Min.	46.75	-12974.50	10	-857.48	14	-177.27	14	-279.11	10	-224.05	10	-258.08	14
501	-3688	-3689	Max	0.00	21016.30	2	506.97	6	226.40	6	208.21	2	79.99	2	77.06	6
501	-3688	-3689	Max	43.76					369.11	13			17.82	13		
501	-3688	-3689	Max	46.75	21016.30	2	506.97	6	460.50	6	123.48	2	157.53	2	77.06	6
501	-3688	-3689	Min.	0.00	-22156.80	10	-893.25	14	-61.20	14	-269.75	10	-198.17	10	-272.41	14
501	-3688	-3689	Min.	43.76					-404.92	13			-222.93	13		
501	-3688	-3689	Min.	46.75	-22156.80	10	-893.25	14	-475.89	14	-354.49	10	-344.09	10	-272.41	14
501	-3689	16	Max	0.00	39038.80	2	640.09	6	566.01	6	10796.10	10	1238.20	2	-169.91	14
501	-3689	16	Max	28.05					-180.33	4			684.03	4		
501	-3689	16	Max	46.75	39038.80	2	640.09	6	847.18	6	10711.40	10	2926.45	10	-169.91	14
501	-3689	16	Min.	0.00	-47728.80	10	-1341.60	14	-434.57	14	-6783.80	2	-2100.92	10	-712.46	20
501	-3689	16	Min.	28.05					172.68	4			-526.20	4		
501	-3689	16	Min.	46.75	-47728.80	10	-1341.60	14	-1043.69	14	-6868.54	2	-1953.04	2	-712.46	20
501	16	-3690	Max	0.00	20752.30	2	565.67	14	640.76	6	1943.82	2	2852.98	10	1135.11	6
501	16	-3690	Max	50.00	20752.30	2	565.67	14	411.68	6	1853.19	2	644.93	10	1135.11	6
501	16	-3690	Min.	0.00	-26262.60	10	-458.56	6	-629.68	14	-4372.63	10	-1776.23	2	-102.11	14
501	16	-3690	Min.	50.00	-26262.60	10	-458.56	6	-347.05	14	-4463.25	10	-827.89	2	-102.11	14
501	-3690	-3691	Max	0.00	10936.10	2	170.28	14	322.35	6	1086.10	2	621.95	10	89.23	10
501	-3690	-3691	Max	50.00	10936.10	2	170.28	14	225.88	6	995.48	2	131.06	2	89.23	10
501	-3690	-3691	Min.	0.00	-13578.40	10	-193.22	6	-256.87	14	-1662.07	10	-389.36	2	10.05	2
501	-3690	-3691	Min.	50.00	-13578.40	10	-193.22	6	-171.87	14	-1752.69	10	-231.76	10	10.05	2
501	-3691	-3692	Max	0.00	2287.28	2	107.90	14	259.94	6	895.59	2	265.41	10	88.08	10
501	-3691	-3692	Max	50.00	2287.28	2	107.90	14	198.04	6	804.96	2	272.64	2	88.08	10
501	-3691	-3692	Min.	0.00	-3018.52	10	-124.27	6	-215.82	14	-1309.71	10	-152.51	2	10.25	2
501	-3691	-3692	Min.	50.00	-3018.52	10	-124.27	6	-162.12	14	-1400.33	10	-412.11	10	10.25	2
501	-3692	17	Max	0.00	5142.72	10	394.74	14	325.48	6	362.65	2	821.17	2	161.29	14
501	-3692	17	Max	45.97					-8.07	4			780.18	4		
501	-3692	17	Max	50.00	5142.72	10	394.74	14	107.53	14	272.03	2	978.55	2	161.29	14
501	-3692	17	Min.	0.00	-4180.44	2	-441.22	6	-274.86	14	-552.48	10	-851.53	10	-137.89	6
501	-3692	17	Min.	49.00					38.33	12			-953.79	12		
501	-3692	17	Min.	50.00	-4180.44	2	-441.22	6	-80.15	6	-643.10	10	-1149.14	10	-137.89	6
502	27	28	Max	30.00	377.09	10	39.16	2	166.81	10	1062.61	18	-213.29	2	64.68	14
502	27	28	Max	391.95					4.31	17			761.37	17		
502	27	28	Max	794.00	377.09	10	39.16	2	148.45	6	-677.65	10	-431.10	10	64.68	14
502	27	28	Min.	30.00	-563.65	2	-39.55	10	-162.41	2	626.01	2	-1601.58	10	0.84	6
502	27	28	Min.	317.82					-49.70	2			340.09	2		
502	27	28	Min.	794.00	-563.65	2	-39.55	10	-146.98	14	-1134.61	17	-1778.27	2	0.84	6
502	28	29	Max	0.00	1316.67	2	172.36	14	337.93	6	673.91	10	212.58	2	-51.99	14
502	28	29	Max	408.43					253.84	10			439.58	10		
502	28	29	Max	422.00	1316.67	2	172.36	14	356.02	14	-22.39	10	438.06	10	-51.99	14
502	28	29	Min.	0.00	-214.84	10	-157.14	6	-371.34	14	120.91	2	-936.67	10	-95.28	20
502	28	29	Min.	408.43					-170.23	10			-632.98	10		
502	28	29	Min.	422.00	-214.84	10	-157.14	6	-325.22	6	-575.39	2	-746.35	2	-95.28	20
503	31	32	Max	30.00	388.96	2	22.76	6	113.36	14	1069.89	18	-189.44	10	37.23	14
503	31	32	Max	392.95					-1.62	17			753.19	17		
503	31	32	Max	794.00	388.96	2	22.76	6	88.57	6	-662.83	2	-383.26	2	37.23	14
503	31	32	Min.	30.00	-842.30	10	-30.56	14	-85.45	6	619.01	10	-1666.94	2	-59.61	6
503	31	32	Min.	314.61					-25.24	10			299.92	10		
503	31	32	Min.	794.00	-842.30	10	-30.56	14	-120.24	14	-1131.71	17	-1807.92	10	-59.61	6
503	32	33	Max	0.00	515.72	10	153.04	14	317.80	6	681.99	2	173.87	10	56.02	20
503	32	33	Max	413.33					92.61	2			454.64	2		
503	32	33	Max	432.00	515.72	10	153.04	14	326.20	14	-30.81	2	451.77	2	56.02	20
503	32	33	Min.	0.00	-593.58	2	-142.53	6	-334.98	14	152.28	10	-954.77	2	24.57	6
503	32	33	Min.	413.33					-102.96	2			-592.80	2		
503	32	33	Min.	432.00	-593.58	2	-142.53	6	-297.98	6	-560.52	10	-707.95	10	24.57	6
504	41	-3918	Max	30.00	-468.64	2	770.24	14	59.56	6	2680.50	2	436.98	10	643.76	14
504	41	-3918	Max	40.50	-468.64	2	770.24	14	16.17	10	2661.47	2	-133.25	10	643.76	14
504	41	-3918	Min.	30.00	-3364.31	10	-527.49	6	-106.62	14	-5505.06	10	-653.08	2	-543.60	6
504	41	-3918	Min.	40.50	-3364.31	10	-527.49	6	-37.74	2	-5524.09	10	-411.67	18	-543.60	6
504	-3918	-3919	Max	0.00	562.59	2	423.32	14	81.66	6	627.26	2	58.31	10	213.01	14
504	-3918	-3919	Max	27.66					2.70	4			-50.05	4		
504	-3918	-3919	Max	40.50	562.59	2	423.32	14	51.88	14	553.85	2	3.26	2	213.01	14
504	-3918	-3919	Min.	0.00	-671.78	10	-313.58	6	-125.42	14	-367.12	10	-236.17	2	-165.09	6
504	-3918	-3919	Min.	27.66					-18.56	4			-69.05	4		
504	-3918	-3919	Min.	40.50	-671.78	10	-313.58	6	-51.20	6	-440.52	10	-105.50	10	-165.09	6
504	-3919	-3920	Max	0.00	621.66	17	261.40	14	15.23	6	123.28	18	-35.63	6	131.72	14
504	-3919	-3920	Max	40.50	621.66	17	261.40	14	68.47	14	27.85	18	-17.27	6	131.72	14
504	-3919	-3920	Min.	0.00	268.45	6	-153.86	6	-38.65	14	71.10	2	-70.85	19	-85.40	6
504	-3919	-3920	Min.	40.50	268.45	6	-153.86	6	-48.33	6	-2.30	2	-40.67	17	-85.40	6
504	-3920	42	Max	0.00	851.11	10	244.70	14	1.34	14	210.19	19	-27.98	6	128.83	14
504	-3920	42	Max	40.50	851.11	10	244.70	14	100.00	14	114.76	19	9.52	20	128.83	14

504	-3920	42	Min.	0.00	36.13	2	-115.03	6	-5.66	6	125.04	6	-56.52	19	-34.25	6
504	-3920	42	Min.	40.50	36.13	2	-115.03	6	-51.81	6	51.63	6	3.28	14	-34.25	6
504	42	-3921	Max	0.00	1048.00	10	40.14	14	26.11	14	232.06	17	-7.65	2	-5.28	14
504	42	-3921	Max	18.48					6.30	20			5.60	20		
504	42	-3921	Max	48.15	1048.00	10	40.14	14	10.99	14	-228.31	10	-28.89	6	-5.28	14
504	42	-3921	Min.	0.00	-148.86	2	-81.48	6	-11.80	6	140.01	2	-16.10	17	-59.76	6
504	42	-3921	Min.	18.56					-4.32	14			1.16	14		
504	42	-3921	Min.	48.15	-148.86	2	-81.48	6	-16.60	6	-372.88	18	-49.93	19	-59.76	6
504	-3921	-3922	Max	0.00	1273.46	10	25.62	14	13.51	14	308.04	17	-19.70	6	20.10	14
504	-3921	-3922	Max	24.36					2.01	6			2.86	6		
504	-3921	-3922	Max	48.15	1273.46	10	25.62	14	4.10	14	-178.86	10	-18.78	10	20.10	14
504	-3921	-3922	Min.	0.00	-260.37	2	-49.46	6	-9.25	6	186.44	2	-35.65	17	-32.04	6
504	-3921	-3922	Min.	24.28					-3.57	14			-0.24	14		
504	-3921	-3922	Min.	48.15	-260.37	2	-49.46	6	-11.32	6	-297.03	18	-33.03	18	-32.04	6
504	-3922	-3923	Max	0.00	1424.56	10	32.89	14	11.11	6	305.49	17	-17.92	6	17.72	14
504	-3922	-3923	Max	24.38					-1.15	17			5.61	17		
504	-3922	-3923	Max	48.15	1424.56	10	32.89	14	3.90	14	-179.83	10	-16.31	10	17.72	14
504	-3922	-3923	Min.	0.00	-416.06	2	-33.19	6	-12.46	14	183.77	2	-31.63	17	-22.93	6
504	-3922	-3923	Min.	25.34					-2.45	10			2.45	10		
504	-3922	-3923	Min.	48.15	-416.06	2	-33.19	6	-5.38	6	-299.78	18	-30.40	18	-22.93	6
504	-3923	-3924	Max	0.00	1569.35	10	31.18	14	10.70	6	304.07	17	-16.85	6	16.31	14
504	-3923	-3924	Max	24.27					1.48	17			7.94	17		
504	-3923	-3924	Max	48.15	1569.35	10	31.18	14	5.82	14	-179.72	10	-14.04	10	16.31	14
504	-3923	-3924	Min.	0.00	-580.58	2	-27.92	6	-9.52	14	181.57	2	-28.95	17	-16.83	6
504	-3923	-3924	Min.	25.23					-0.48	2			3.44	2		
504	-3923	-3924	Min.	48.15	-580.58	2	-27.92	6	-3.07	6	-301.44	18	-28.60	18	-16.83	6
504	-3924	-3925	Max	0.00	1736.87	10	31.63	14	8.53	6	303.71	17	-16.56	6	14.93	14
504	-3924	-3925	Max	24.24					3.52	17			9.30	17		
504	-3924	-3925	Max	48.15	1736.87	10	31.63	14	9.81	14	-178.79	10	-11.95	10	14.93	14
504	-3924	-3925	Min.	0.00	-744.77	2	-24.42	6	-5.71	14	179.97	2	-27.51	17	-12.95	6
504	-3924	-3925	Min.	25.50					1.57	2			3.24	2		
504	-3924	-3925	Min.	48.15	-744.77	2	-24.42	6	-3.52	6	-302.04	18	-27.57	18	-12.95	6
504	-3925	-3926	Max	0.00	1946.00	10	32.92	14	4.77	6	303.82	17	-16.58	2	13.83	14
504	-3925	-3926	Max	24.25					5.65	17			9.98	17		
504	-3925	-3926	Max	48.15	1946.00	10	32.92	14	16.19	14	-177.54	10	-9.88	10	13.83	14
504	-3925	-3926	Min.	0.00	-909.88	2	-22.68	6	0.02	14	178.66	2	-26.94	18	-9.78	6
504	-3925	-3926	Min.	25.66					1.40	2			2.13	2		
504	-3925	-3926	Min.	48.15	-909.88	2	-22.68	6	-6.47	6	-302.18	18	-27.18	18	-9.78	6
504	-3926	-3927	Max	0.00	2216.37	10	35.37	14	8.47	14	304.12	17	-15.20	10	13.05	14
504	-3926	-3927	Max	26.05					9.85	10			11.81	10		
504	-3926	-3927	Max	48.15	2216.37	10	35.37	14	25.43	14	-176.16	10	-7.66	10	13.05	14
504	-3926	-3927	Min.	0.00	-1084.17	2	-21.52	6	-1.92	6	177.48	2	-27.22	18	-6.47	6
504	-3926	-3927	Min.	25.82					0.31	2			0.06	2		
504	-3926	-3927	Min.	48.15	-1084.17	2	-21.52	6	-12.21	6	-302.13	18	-27.44	18	-6.47	6
504	-3927	-3928	Max	0.00	2573.49	10	39.48	14	19.25	14	304.49	17	-13.39	10	12.88	14
504	-3927	-3928	Max	26.24					14.67	10			14.03	10		
504	-3927	-3928	Max	48.15	2573.49	10	39.48	14	38.26	14	-174.64	10	-5.11	10	12.88	14
504	-3927	-3928	Min.	0.00	-1285.80	2	-20.39	6	-11.64	6	176.25	2	-28.27	18	-2.36	6
504	-3927	-3928	Min.	25.98					-2.04	2			-3.18	2		
504	-3927	-3928	Min.	48.15	-1285.80	2	-20.39	6	-21.45	6	-302.02	18	-29.60	2	-2.36	6
504	-3928	-3929	Max	0.00	3054.05	10	46.59	14	33.46	14	304.82	17	-11.23	10	13.98	14
504	-3928	-3929	Max	26.47					20.68	10			16.69	10		
504	-3928	-3929	Max	48.15	3054.05	10	46.59	14	55.83	14	-172.77	10	-2.04	10	13.98	14
504	-3928	-3929	Min.	0.00	-1548.16	2	-19.18	6	-26.50	6	174.54	2	-30.20	18	3.30	6
504	-3928	-3929	Min.	26.19					-6.48	2			-7.95	2		
504	-3928	-3929	Min.	48.15	-1548.16	2	-19.18	6	-35.67	6	-302.05	18	-34.67	2	3.30	6
504	-3929	-3930	Max	0.00	3712.27	10	57.18	14	51.57	14	304.87	17	-8.74	10	22.89	17
504	-3929	-3930	Max	26.82					27.93	10			19.92	10		
504	-3929	-3930	Max	48.15	3712.27	10	57.18	14	78.73	14	-169.99	10	1.79	10	22.89	17
504	-3929	-3930	Min.	0.00	-1928.17	2	-16.13	6	-48.84	6	171.44	2	-33.22	18	10.72	2
504	-3929	-3930	Min.	26.49					-14.21	2			-14.75	2		
504	-3929	-3930	Min.	48.15	-1928.17	2	-16.13	6	-56.23	6	-302.57	18	-42.04	2	10.72	2
504	-3930	-3931	Max	0.00	4627.74	10	82.90	14	74.04	14	304.25	17	-6.11	10	38.68	17
504	-3930	-3931	Max	27.42					37.29	10			23.85	10		
504	-3930	-3931	Max	48.15	4627.74	10	82.90	14	112.86	14	-165.21	10	6.72	10	38.68	17
504	-3930	-3931	Min.	0.00	-2518.96	2	-18.89	6	-82.18	6	165.12	2	-39.97	2	18.46	2
504	-3930	-3931	Min.	27.01					-27.95	2			-24.43	2		
504	-3930	-3931	Min.	48.15	-2518.96	2	-18.89	6	-90.17	6	-304.28	18	-52.84	2	18.46	2
504	-3931	-3932	Max	0.00	5910.79	10	115.37	14	105.30	14	303.24	17	-3.43	10	65.50	17
504	-3931	-3932	Max	28.89					49.39	10			29.17	10		
504	-3931	-3932	Max	48.15	5910.79	10	115.37	14	158.43	14	-155.77	10	13.95	10	65.50	17
504	-3931	-3932	Min.	0.00	-3472.63	2	-9.37	6	-135.26	6	152.90	2	-50.02	2	30.47	2
504	-3931	-3932	Min.	28.03					-49.06	2			-38.46	2		
504	-3931	-3932	Min.	48.15	-3472.63	2	-9.37	6	-137.34	6	-307.39	18	-68.78	2	30.47	2
504	-3932	43	Max	0.00	7705.15	10	146.95	14	132.84	14	373.43	17	-8.61	10	121.00	17
504	-3932	43	Max	35.98					69.60	10			42.98	10		
504	-3932	43	Max	48.15	7705.15	10	146.95	14	202.85	14	-96.98	10	37.07	10	121.00	17
504	-3932	43	Min.	0.00	-5050.11	2	19.31	6	-202.44	6	180.22	2	-69.97	2	48.09	2
504	-3932	43	Min.	35.17					-79.89	2			-55.87	2		
504	-3932	43	Min.	48.15	-5050.11	2	19.31	6	-192.39	6	-240.28	18	-75.57	2	48.09	2
504	43	-3933	Max	0.00	10669.40	10	1401.06	6	785.31	14	37.35	10	44.14	10	262.28	6
504	43	-3933	Max	18.70					216.91	10			47.51	10		

504	43	-3933	Max	46.75	10669.40	10	1401.06	6	213.21	14	-47.38	10	40.82	10	262.28	6
504	43	-3933	Min.	0.00	-7721.65	2	-1226.21	14	-854.29	6	-121.19	2	-66.50	2	-78.46	14
504	43	-3933	Min.	14.57					-281.19	2			-85.72	2		
504	43	-3933	Min.	46.75	-7721.65	2	-1226.21	14	-200.44	6	-205.93	2	-141.98	2	-78.46	14
504	-3933	-3934	Max	0.00	14795.50	10	1069.45	6	113.05	14	203.32	10	30.55	10	408.99	6
504	-3933	-3934	Max	29.28					-27.70	12			61.90	12		
504	-3933	-3934	Max	46.75	14795.50	10	1069.45	6	179.51	6	118.59	10	105.80	10	408.99	6
504	-3933	-3934	Min.	0.00	-11915.60	2	-737.30	14	-330.48	6	-206.78	2	-122.35	2	-43.64	14
504	-3933	-3934	Min.	29.28					-101.55	12			-155.22	12		
504	-3933	-3934	Min.	46.75	-11915.60	2	-737.30	14	-241.66	14	-291.52	2	-238.83	2	-43.64	14
504	-3934	-3935	Max	0.00	22209.90	10	1407.67	6	-61.77	6	249.68	10	66.09	10	492.52	6
504	-3934	-3935	Max	46.75	22209.90	10	1407.67	6	595.27	6	164.94	10	163.00	10	492.52	6
504	-3934	-3935	Min.	0.00	-21024.00	2	-155.14	14	-336.07	14	-301.37	2	-213.03	2	99.83	14
504	-3934	-3935	Min.	46.75	-21024.00	2	-155.14	14	-407.55	14	-386.10	2	-373.72	2	99.83	14
504	-3935	44	Max	0.00	40404.90	10	2191.06	6	428.64	6	11182.40	2	1182.08	10	1837.21	19
504	-3935	44	Max	46.75	40404.90	10	2191.06	6	1452.38	6	11097.70	2	2999.89	2	1837.21	19
504	-3935	44	Min.	0.00	-46970.70	2	-48.56	14	-633.49	14	-6301.01	10	-2208.08	2	985.99	6
504	-3935	44	Min.	46.75	-46970.70	2	-48.56	14	-655.62	14	-6385.75	10	-1783.46	10	985.99	6
504	44	-3936	Max	0.00	21529.00	10	262.24	10	718.09	6	2051.14	10	3052.07	2	-902.84	6
504	44	-3936	Max	50.00	21529.00	10	262.24	10	286.57	6	1960.51	10	471.30	2	-902.84	6
504	44	-3936	Min.	0.00	-26099.70	2	-876.14	2	-552.60	14	-5116.57	2	-1900.36	10	-2244.21	19
504	44	-3936	Min.	50.00	-26099.70	2	-876.14	2	-428.03	14	-5207.20	2	-897.62	10	-2244.21	19
504	-3936	-3937	Max	0.00	11520.50	10	204.00	14	196.69	6	1359.11	10	695.28	2	-63.19	10
504	-3936	-3937	Max	50.00	11520.50	10	204.00	14	99.96	6	1268.48	10	203.19	10	-63.19	10
504	-3936	-3937	Min.	0.00	-13296.80	2	-194.02	6	-351.25	14	-1969.34	2	-453.76	10	-215.49	18
504	-3936	-3937	Min.	50.00	-13296.80	2	-194.02	6	-249.53	14	-2059.96	2	-312.10	2	-215.49	18
504	-3937	-3938	Max	0.00	2521.96	10	177.09	14	164.96	6	1415.36	10	350.61	2	-51.66	10
504	-3937	-3938	Max	50.00	2521.96	10	177.09	14	99.83	6	1324.74	10	445.05	10	-51.66	10
504	-3937	-3938	Min.	0.00	-2507.59	2	-131.76	6	-266.90	14	-1865.30	2	-239.99	10	-211.40	2
504	-3937	-3938	Min.	50.00	-2507.59	2	-131.76	6	-179.11	14	-1955.92	2	-604.71	2	-211.40	2
504	-3938	45	Max	0.00	6541.66	2	610.30	14	201.05	6	2866.05	10	741.67	10	256.83	14
504	-3938	45	Max	50.00	6541.66	2	610.30	14	123.63	10	2775.42	10	2151.98	10	256.83	14
504	-3938	45	Min.	0.00	-4756.79	10	-519.59	6	-276.53	14	-4311.57	2	-521.65	2	-289.55	6
504	-3938	45	Min.	50.00	-4756.79	10	-519.59	6	-153.75	2	-4402.19	2	-2700.03	2	-289.55	6
504	45	46	Max	0.00	29258.90	2	6445.53	14	207.02	14	9074.26	2	1545.67	10	891.50	14
504	45	46	Max	12.00	29258.90	2	6445.53	14	768.69	10	8755.51	2	-288.68	10	891.50	14
504	45	46	Min.	0.00	-22443.10	10	-5222.63	6	-272.75	6	-15137.90	10	-2539.66	2	-598.72	6
504	45	46	Min.	12.00	-22443.10	10	-5222.63	6	-687.67	2	-15456.60	10	-1471.19	2	-598.72	6
504	46	47	Max	0.00	14038.40	2	461.32	2	1041.79	10	5941.98	18	-1672.63	10	96.97	2
504	46	47	Max	150.50					39.89	18			1637.90	18		
504	46	47	Max	300.00	14038.40	2	461.32	2	580.90	2	-3772.47	2	-1473.21	2	96.97	2
504	46	47	Min.	0.00	-12710.90	10	-576.65	10	-806.08	2	3770.99	10	-2833.48	18	-114.49	10
504	46	47	Min.	157.27					-71.96	10			973.00	10		
504	46	47	Min.	300.00	-12710.90	10	-576.65	10	-691.18	10	-5943.38	17	-2853.42	17	-114.49	10
504	47	-3939	Max	20.00	11520.80	2	959.08	10	403.15	2	4361.67	19	-755.01	14	-45.59	6
504	47	-3939	Max	47.83	11520.80	2	959.08	10	134.57	2	3262.77	19	-80.64	10	-45.59	6
504	47	-3939	Min.	20.00	-4070.31	10	-975.20	2	-467.91	10	2493.02	14	-1282.41	19	-146.50	19
504	47	-3939	Min.	47.83	-4070.31	10	-975.20	2	-203.81	10	1753.69	14	-228.25	18	-146.50	19
504	-3939	-3940	Max	0.00	7997.38	6	221.44	10	168.71	2	1338.13	19	-86.35	10	31.11	14
504	-3939	-3940	Max	31.14					78.48	10			50.22	10		
504	-3939	-3940	Max	47.83	7997.38	6	221.44	10	57.09	6	-320.99	6	17.50	10	31.11	14
504	-3939	-3940	Min.	0.00	-2807.41	14	-265.46	2	-193.68	10	843.33	14	-228.68	18	-88.42	6
504	-3939	-3940	Min.	31.47					-116.58	2			-48.17	2		
504	-3939	-3940	Min.	47.83	-2807.41	14	-265.46	2	-103.11	14	-559.37	20	-66.69	2	-88.42	6
504	-3940	-3941	Max	0.00	8800.55	6	204.43	10	61.52	2	997.38	20	-18.22	14	52.39	10
504	-3940	-3941	Max	25.99					21.35	14			71.47	14		
504	-3940	-3941	Max	47.83	8800.55	6	204.43	10	39.49	14	-578.78	14	8.09	14	52.39	10
504	-3940	-3941	Min.	0.00	-3879.01	14	-233.93	2	-74.22	10	646.33	6	-140.74	6	-80.33	2
504	-3940	-3941	Min.	25.87					-41.70	6			-62.02	6		
504	-3940	-3941	Min.	47.83	-3879.01	14	-233.93	2	-66.30	6	-895.56	19	-134.73	6	-80.33	2
504	-3941	-3942	Max	0.00	11447.30	6	222.22	10	22.21	2	930.80	20	35.14	14	65.40	14
504	-3941	-3942	Max	27.93					40.95	14			137.71	14		
504	-3941	-3942	Max	47.83	11447.30	6	222.22	10	121.49	10	-527.24	14	85.24	14	65.40	14
504	-3941	-3942	Min.	0.00	-5567.98	14	-239.41	2	-30.24	10	492.30	6	-196.36	6	-84.03	6
504	-3941	-3942	Min.	6.13					0.11	8			-168.26	8		
504	-3941	-3942	Min.	47.83	-5567.98	14	-239.41	2	-137.74	2	-981.33	19	-263.18	6	-84.03	6
504	-3942	-3943	Max	0.00	15230.40	6	344.54	10	138.70	10	755.00	2	229.41	14	70.11	14
504	-3942	-3943	Max	22.23					88.31	14			272.70	14		
504	-3942	-3943	Max	47.83	15230.40	6	344.54	10	296.58	10	-515.58	2	193.69	14	70.11	14
504	-3942	-3943	Min.	0.00	-7290.48	14	-362.38	2	-139.62	2	-384.22	10	-311.18	6	-88.39	6
504	-3942	-3943	Min.	40.62					39.65	15			-466.83	15		
504	-3942	-3943	Min.	47.83	-7290.48	14	-362.38	2	-306.04	2	-1657.74	17	-705.87	6	-88.39	6
504	-3943	48	Max	0.00	16754.50	10	2385.35	10	309.98	10	3817.19	6	1016.33	14	174.89	2
504	-3943	48	Max	3.57					-76.67	8			507.73	8		
504	-3943	48	Max	17.83	16754.50	10	2385.35	10	720.61	10	3343.49	6	36.30	2	174.89	2
504	-3943	48	Min.	0.00	-6704.41	2	-2435.72	2	-311.13	2	-10797.70	14	-1743.56	6	-233.20	10
504	-3943	48	Min.	3.57					42.05	8			-1576.30	8		
504	-3943	48	Min.	17.83	-6704.41	2	-2435.72	2	-730.74	2	-11271.40	14	-2092.87	10	-233.20	10
504	48	49	Max	0.00	3837.67	10	214.58	10	473.37	2	8725.59	18	-3848.52	10	43.17	14
504	48	49	Max	222.19					-26.91	18			3318.15	18		
504	48	49	Max	432.00	3837.67	10	214.58	10	470.96	10	-5332.09	2	-3078.71	2	43.17	14
504	48	49	Min.	0.00	-4913.67	2	-236.36	2	-456.09	10	5633.53	10	-6375.75	18	-39.44	6

504	48	49	Min.	226.44				-57.45	10			2122.87	10	
504	48	49	Min.	432.00	-4913.67	2	-236.36	2	-547.75	2	-8277.50	17	-5421.98	17	-39.44	6
505	13	-3698	Max	0.00	33205.40	6	962.76	14	-57.81	14	6950.49	6	3371.22	14	290.59	10
505	13	-3698	Max	6.12				-234.38	20			-62.63	20			
505	13	-3698	Max	40.00	33205.40	6	962.76	14	300.06	14	5641.75	6	232.73	14	290.59	10
505	13	-3698	Min.	0.00	-31506.00	14	-294.04	6	-282.16	6	-7222.19	14	-3157.61	6	-103.00	2
505	13	-3698	Min.	9.94				-145.89	32			-98.82	32			
505	13	-3698	Min.	40.00	-31506.00	14	-294.04	6	-372.53	6	-8530.93	14	-651.30	6	-103.00	2
505	-3698	22	Max	0.00	26518.20	6	2190.10	14	253.09	14	264.56	14	553.49	14	165.62	6
505	-3698	22	Max	8.13				420.79	14			564.16	14			
505	-3698	22	Max	20.00	26518.20	6	2190.10	14	667.26	14	-389.82	14	540.91	14	165.62	6
505	-3698	22	Min.	0.00	-22824.30	14	-1391.65	6	-380.62	6	-854.61	6	-852.74	6	16.06	14
505	-3698	22	Min.	5.32				-447.85	6			-902.78	6			
505	-3698	22	Min.	20.00	-22824.30	14	-1391.65	6	-635.10	6	-1508.98	6	-1089.05	6	16.06	14
505	22	25	Max	0.00	24326.20	6	1058.20	6	754.66	14	4068.97	6	705.72	14	122.50	6
505	22	25	Max	21.32				580.36	14			779.91	14			
505	22	25	Max	140.00	24326.20	6	1058.20	6	773.04	6	-511.62	6	677.66	6	122.50	6
505	22	25	Min.	0.00	-21872.00	14	-904.81	14	-715.26	6	694.87	14	-1815.37	6	-94.51	14
505	22	25	Min.	21.32				-420.42	14			-880.38	14			
505	22	25	Min.	140.00	-21872.00	14	-904.81	14	-518.90	14	-3885.72	14	-1530.77	14	-94.51	14
505	25	-3725	Max	20.00	14212.40	6	912.21	10	530.06	6	1789.37	14	-83.55	6	95.72	2
505	25	-3725	Max	42.42				31.45	4			-131.95	4			
505	25	-3725	Max	43.00	14212.40	6	912.21	10	206.73	6	1036.84	14	-25.70	14	95.72	2
505	25	-3725	Min.	20.00	-11015.80	14	-1598.29	2	-337.54	14	-273.66	6	-350.72	14	-209.99	10
505	25	-3725	Min.	40.70				53.07	20			-204.16	20			
505	25	-3725	Min.	43.00	-11015.80	14	-1598.29	2	-172.01	14	-1026.19	6	-233.04	6	-209.99	10
505	-3725	-3729	Max	0.00	7043.55	6	432.72	2	265.28	2	1228.77	20	28.59	14	145.18	2
505	-3725	-3729	Max	18.76				150.15	14			89.82	14			
505	-3725	-3729	Max	43.00	7043.55	6	432.72	2	116.27	6	-430.93	6	0.21	14	145.18	2
505	-3725	-3729	Min.	0.00	-5600.98	14	-742.82	10	-164.69	10	629.31	14	-280.05	6	-250.41	10
505	-3725	-3729	Min.	19.42				-106.99	6			-153.01	6			
505	-3725	-3729	Min.	43.00	-5600.98	14	-742.82	10	-149.02	14	-929.69	19	-166.36	6	-250.41	10
505	-3729	-3733	Max	0.00	1257.31	14	644.38	2	107.03	6	5958.66	6	379.58	14	186.19	2
505	-3729	-3733	Max	0.86				80.15	16			336.72	16			
505	-3729	-3733	Max	43.00	1257.31	14	644.38	2	301.14	2	4551.76	6	1488.37	6	186.19	2
505	-3729	-3733	Min.	0.00	-3406.94	6	-1039.68	10	-95.25	14	-3076.30	14	-771.44	6	-297.51	10
505	-3729	-3733	Min.	0.86				-71.77	8			-704.02	8			
505	-3729	-3733	Min.	43.00	-3406.94	6	-1039.68	10	-459.35	10	-4483.20	14	-1245.78	14	-297.51	10
505	-3733	26	Max	0.00	5337.41	14	1962.05	2	264.17	2	41960.20	6	1245.74	6	430.84	2
505	-3733	26	Max	3.00	5337.41	14	1962.05	2	322.81	2	41862.10	6	2503.07	6	430.84	2
505	-3733	26	Min.	0.00	-14111.50	6	-3062.93	10	-395.65	10	-25959.40	14	-1363.28	14	-639.23	10
505	-3733	26	Min.	3.00	-14111.50	6	-3062.93	10	-487.31	10	-26057.50	14	-2143.53	14	-639.23	10
505	26	-3739	Max	40.00	33825.90	6	1701.31	10	219.85	2	29116.10	6	3116.62	14	361.23	10
505	26	-3739	Max	47.67	33825.90	6	1701.31	10	123.51	2	28865.30	6	6.58	14	361.23	10
505	26	-3739	Min.	40.00	-39630.50	14	-1258.02	2	-313.40	10	-40440.70	14	-2684.15	6	-287.91	2
505	26	-3739	Min.	47.67	-39630.50	14	-1258.02	2	-183.08	10	-40691.60	14	-461.56	6	-287.91	2
505	-3739	-3743	Max	0.00	19063.70	6	383.96	10	166.34	2	3701.48	6	1049.72	14	116.49	10
505	-3739	-3743	Max	0.48				-185.64	3			135.36	3			
505	-3739	-3743	Max	47.67	19063.70	6	383.96	10	31.28	10	2141.90	6	347.65	6	116.49	10
505	-3739	-3743	Min.	0.00	-19459.40	14	-301.92	2	-228.60	10	-2852.94	14	-1045.03	6	-98.32	2
505	-3739	-3743	Min.	0.48				131.07	3			-275.16	3			
505	-3739	-3743	Min.	47.67	-19459.40	14	-301.92	2	-54.44	2	-4412.53	14	-681.90	14	-98.32	2
505	-3743	-3747	Max	0.00	11234.70	6	165.67	10	54.97	2	1199.44	20	-89.27	6	74.46	10
505	-3743	-3747	Max	26.34				4.15	6			24.20	6			
505	-3743	-3747	Max	47.67	11234.70	6	165.67	10	12.99	14	-697.78	6	-50.22	6	74.46	10
505	-3743	-3747	Min.	0.00	-9530.84	14	-139.19	2	-78.45	10	710.91	14	-144.64	19	-64.75	2
505	-3743	-3747	Min.	25.98				-20.68	14			-24.04	14			
505	-3743	-3747	Min.	47.67	-9530.84	14	-139.19	2	-23.85	6	-1177.78	19	-141.94	19	-64.75	2
505	-3747	-3763	Max	0.00	7771.23	6	106.49	10	22.39	2	1165.41	19	-52.35	6	47.08	10
505	-3747	-3763	Max	23.05				3.89	6			33.85	6			
505	-3747	-3763	Max	46.71	7771.23	6	106.49	10	19.31	14	-745.47	14	-58.50	6	47.08	10
505	-3747	-3763	Min.	0.00	-5533.36	14	-92.69	2	-35.09	10	751.01	6	-123.73	19	-43.44	2
505	-3747	-3763	Min.	23.12				-13.42	14			-13.13	14			
505	-3747	-3763	Min.	46.71	-5533.36	14	-92.69	2	-25.58	6	-1156.36	20	-121.11	19	-43.44	2
505	-3763	-3767	Max	0.00	5759.52	6	64.22	10	2.67	2	1160.21	19	-54.69	6	29.63	14
505	-3763	-3767	Max	22.83				7.03	6			29.57	6			
505	-3763	-3767	Max	46.71	5759.52	6	64.22	10	22.41	14	-743.93	14	-64.80	6	29.63	14
505	-3763	-3767	Min.	0.00	-3407.34	14	-59.45	2	-8.19	10	742.54	6	-112.38	19	-29.77	6
505	-3763	-3767	Min.	22.92				-11.50	14			3.13	14			
505	-3763	-3767	Min.	46.71	-3407.34	14	-59.45	2	-25.70	6	-1162.25	20	-112.18	19	-29.77	6
505	-3767	-3771	Max	0.00	4319.58	6	40.62	14	9.56	2	1158.17	19	-57.78	6	22.05	14
505	-3767	-3771	Max	23.33				-1.85	20			28.80	20			
505	-3767	-3771	Max	46.71	4319.58	6	40.62	14	24.17	10	-748.04	14	-67.07	6	22.05	14
505	-3767	-3771	Min.	0.00	-1980.78	14	-42.38	6	-10.43	10	744.32	6	-107.29	19	-24.84	6
505	-3767	-3771	Min.	22.95				-12.71	14			11.24	14			
505	-3767	-3771	Min.	46.71	-1980.78	14	-42.38	6	-25.87	2	-1163.91	20	-108.06	19	-24.84	6
505	-3771	-3775	Max	0.00	3186.17	6	28.55	14	19.82	2	1157.80	19	-61.23	6	17.53	14
505	-3771	-3775	Max	23.33				-0.63	20			29.73	20			
505	-3771	-3775	Max	46.71	3186.17	6	28.55	14	21.66	10	-749.66	14	-69.72	6	17.53	14
505	-3771	-3775	Min.	0.00	-909.18	14	-35.86	6	-17.79	10	745.60	6	-105.75	19	-22.50	6
505	-3771	-3775	Min.	22.98				-12.57	14			15.94	14			
505	-3771	-3775	Min.	46.71	-909.18	14	-35.86	6	-23.05	2	-1164.07	20	-106.72	20	-22.50	6

505	-3775	-3779	Max	0.00	2188.72	6	30.36	10	24.94	2	1157.12	19	-65.69	6	17.96	14
505	-3775	-3779	Max	23.34					-1.83	17			28.13	17		
505	-3775	-3779	Max	46.71	2188.72	6	30.36	10	16.19	14	-750.14	14	-67.06	14	17.96	14
505	-3775	-3779	Min.	0.00	-3.98	14	-43.17	2	-21.51	10	745.18	6	-106.70	19	-24.96	6
505	-3775	-3779	Min.	23.34					2.08	22			18.62	22		
505	-3775	-3779	Min.	46.71	-3.98	14	-43.17	2	-18.73	6	-1164.75	20	-108.48	20	-24.96	6
505	-3779	-3783	Max	0.00	1617.22	17	51.07	10	25.27	2	1153.77	19	-71.60	2	25.71	10
505	-3779	-3783	Max	23.30					-0.56	19			24.15	19		
505	-3779	-3783	Max	46.71	1617.22	17	51.07	10	9.87	14	-750.09	14	-65.29	14	25.71	10
505	-3779	-3783	Min.	0.00	867.35	14	-69.89	2	-21.94	10	740.63	6	-109.91	18	-34.88	2
505	-3779	-3783	Min.	23.70					-10.31	6			11.88	6		
505	-3779	-3783	Min.	46.71	867.35	14	-69.89	2	-15.33	6	-1168.42	20	-113.92	20	-34.88	2
505	-3783	-3787	Max	0.00	1911.14	14	77.38	10	20.77	2	1143.21	19	-70.68	14	37.39	10
505	-3783	-3787	Max	23.85					2.48	14			22.36	14		
505	-3783	-3787	Max	46.71	1911.14	14	77.38	10	17.24	10	-748.14	14	-63.17	14	37.39	10
505	-3783	-3787	Min.	0.00	-176.30	6	-103.82	2	-19.23	10	724.43	6	-116.51	20	-49.17	2
505	-3783	-3787	Min.	23.72					-7.17	6			-1.03	6		
505	-3783	-3787	Min.	46.71	-176.30	6	-103.82	2	-28.06	2	-1180.22	20	-126.05	20	-49.17	2
505	-3787	-3803	Max	0.00	3166.22	14	118.11	10	9.54	2	1019.23	19	-52.27	14	52.75	10
505	-3787	-3803	Max	20.57					2.58	14			19.51	14		
505	-3787	-3803	Max	42.25	3166.22	14	118.11	10	38.02	10	-696.87	14	-54.68	14	52.75	10
505	-3787	-3803	Min.	0.00	-2026.23	6	-156.60	2	-12.10	10	657.85	6	-114.99	20	-67.89	2
505	-3787	-3803	Min.	2.33					-2.99	15			-74.45	15		
505	-3787	-3803	Min.	42.25	-2026.23	6	-156.60	2	-56.85	2	-1080.58	20	-128.35	20	-67.89	2
505	-3803	-3807	Max	0.00	5293.51	14	179.17	10	5.60	2	1044.47	20	-30.16	14	72.97	10
505	-3803	-3807	Max	15.82					4.16	14			10.79	14		
505	-3803	-3807	Max	42.25	5293.51	14	179.17	10	75.89	10	-537.58	6	-90.00	6	72.97	10
505	-3803	-3807	Min.	0.00	-5573.53	6	-234.76	2	-14.86	10	517.65	14	-154.98	6	-92.28	2
505	-3803	-3807	Min.	16.90					-23.17	6			-58.94	6		
505	-3803	-3807	Min.	42.25	-5573.53	6	-234.76	2	-108.63	2	-1075.89	19	-150.78	19	-92.28	2
505	-3807	-3811	Max	0.00	10385.80	14	370.77	10	49.22	2	6198.78	6	274.21	14	111.40	10
505	-3807	-3811	Max	40.12					-36.86	27			76.93	27		
505	-3807	-3811	Max	42.25	10385.80	14	370.77	10	199.36	10	4816.42	6	1619.73	6	111.40	10
505	-3807	-3811	Min.	0.00	-14790.50	6	-489.08	2	-76.51	10	-2989.93	14	-707.24	6	-136.01	2
505	-3807	-3811	Min.	39.41					-35.73	31			71.19	31		
505	-3807	-3811	Min.	42.25	-14790.50	6	-489.08	2	-276.64	2	-4372.28	14	-1281.06	14	-136.01	2
505	-3811	30	Max	0.00	15508.60	14	1225.46	10	198.94	2	43418.50	6	1236.23	6	333.20	10
505	-3811	30	Max	2.25	15508.60	14	1225.46	10	226.35	2	43344.90	6	2212.31	6	333.20	10
505	-3811	30	Min.	0.00	-28349.30	6	-1686.05	2	-283.50	10	-24187.90	14	-1334.43	14	-401.28	2
505	-3811	30	Min.	2.25	-28349.30	6	-1686.05	2	-321.27	10	-24261.50	14	-1879.49	14	-401.28	2
505	30	-3817	Max	40.00	17331.00	6	2733.31	2	359.94	10	24097.90	6	2422.14	14	529.54	2
505	30	-3817	Max	43.67	17331.00	6	2733.31	2	283.82	10	23978.00	6	871.43	14	529.54	2
505	30	-3817	Min.	40.00	-29332.50	14	-2076.24	10	-472.44	2	-42232.10	14	-1975.03	6	-407.05	10
505	30	-3817	Min.	43.67	-29332.50	14	-2076.24	10	-372.22	2	-42352.10	14	-1093.64	6	-407.05	10
505	-3817	-3821	Max	0.00	10986.30	6	841.13	2	326.40	10	4014.22	6	1420.88	14	245.82	2
505	-3817	-3821	Max	2.06					-76.14	20			125.68	20		
505	-3817	-3821	Max	43.67	10986.30	6	841.13	2	50.77	10	2585.51	6	285.74	6	245.82	2
505	-3817	-3821	Min.	0.00	-14720.90	14	-631.71	10	-431.07	2	-4174.74	14	-1155.20	6	-184.27	10
505	-3817	-3821	Min.	6.13					-48.60	32			50.63	32		
505	-3817	-3821	Min.	43.67	-14720.90	14	-631.71	10	-64.00	2	-5603.45	14	-714.02	14	-184.27	10
505	-3821	-3825	Max	0.00	5802.80	6	534.09	2	124.57	10	1102.61	20	-91.29	6	207.77	2
505	-3821	-3825	Max	26.20					18.18	6			19.81	6		
505	-3821	-3825	Max	43.67	5802.80	6	534.09	2	79.34	10	-575.97	6	-30.88	6	207.77	2
505	-3821	-3825	Min.	0.00	-5656.66	14	-393.33	10	-164.68	2	586.62	14	-148.76	19	-152.82	10
505	-3821	-3825	Min.	25.43					-23.16	14			-56.66	14		
505	-3821	-3825	Min.	43.67	-5656.66	14	-393.33	10	-57.98	2	-1083.96	19	-155.81	14	-152.82	10
505	-3825	-3841	Max	0.00	3775.79	6	517.08	2	37.76	10	946.27	20	-39.22	6	180.20	2
505	-3825	-3841	Max	19.42					32.02	6			22.45	6		
505	-3825	-3841	Max	37.67	3775.79	6	517.08	2	149.39	2	-596.08	6	-32.04	6	180.20	2
505	-3825	-3841	Min.	0.00	-2272.42	14	-374.23	10	-48.18	2	608.20	14	-103.20	19	-129.57	10
505	-3825	-3841	Min.	19.35					-14.68	14			-35.03	14		
505	-3825	-3841	Min.	37.67	-2272.42	14	-374.23	10	-106.00	10	-925.97	19	-99.73	19	-129.57	10
505	-3841	-3845	Max	0.00	2801.62	6	550.06	2	61.44	10	922.78	17	-34.29	6	153.19	2
505	-3841	-3845	Max	19.05					71.97	6			24.86	6		
505	-3841	-3845	Max	37.67	2801.62	6	550.06	2	264.20	2	-599.01	6	-30.65	6	153.19	2
505	-3841	-3845	Min.	0.00	-582.94	14	-388.51	10	-44.34	2	579.51	14	-85.75	19	-105.62	10
505	-3841	-3845	Min.	18.97					-24.03	14			-21.86	14		
505	-3841	-3845	Min.	37.67	-582.94	14	-388.51	10	-186.24	10	-952.03	18	-91.83	19	-105.62	10
505	-3845	34	Max	0.00	2613.85	20	1219.05	2	184.17	2	594.18	17	-7.30	6	137.88	2
505	-3845	34	Max	8.19					-184.13	4			-11.74	4		
505	-3845	34	Max	12.67	2613.85	20	1219.05	2	338.35	2	172.64	2	35.21	6	137.88	2
505	-3845	34	Min.	0.00	713.76	14	-826.52	10	-130.63	10	173.11	10	-73.10	14	-82.77	10
505	-3845	34	Min.	10.13					68.32	19			-32.34	19		
505	-3845	34	Min.	12.67	713.76	14	-826.52	10	-235.09	10	-241.32	10	-71.81	14	-82.77	10
505	34	-3868	Max	0.00	2260.33	18	79.71	10	236.04	2	1379.26	18	-92.33	6	57.05	2
505	34	-3868	Max	26.47					89.89	6			21.21	6		
505	34	-3868	Max	48.75	2260.33	18	79.71	10	154.17	2	-644.43	10	-57.16	6	57.05	2
505	34	-3868	Min.	0.00	1333.88	2	-171.56	2	-148.20	10	858.66	2	-186.41	19	-58.60	10
505	34	-3868	Min.	26.60					-26.37	14			-12.85	14		
505	34	-3868	Min.	48.75	1333.88	2	-171.56	2	-111.11	10	-1049.48	17	-104.94	17	-58.60	10
505	-3868	-3873	Max	0.00	2031.35	19	18.55	10	97.45	2	1181.49	19	-54.36	6	8.74	2
505	-3868	-3873	Max	23.80					18.71	20			30.10	20		

505	-3868	-3873	Max	48.75	2031.35	19	18.55	10	73.02	2	-781.88	14	-82.19	10	8.74	2
505	-3868	-3873	Min.	0.00	813.01	6	-52.82	2	-64.15	10	738.09	6	-111.65	19	-18.33	10
505	-3868	-3873	Min.	21.76					-15.29	14			9.27	14		
505	-3868	-3873	Min.	48.75	813.01	6	-52.82	2	-56.43	10	-1243.95	20	-125.79	18	-18.33	10
505	-3873	-3878	Max	0.00	2255.21	19	14.04	10	64.40	2	1047.91	19	-37.82	6	-1.07	2
505	-3873	-3878	Max	21.07					16.86	18			10.41	18		
505	-3873	-3878	Max	48.75	2255.21	19	14.04	10	43.40	2	-789.88	14	-86.88	14	-1.07	2
505	-3873	-3878	Min.	0.00	667.70	6	-44.87	2	-41.83	10	558.93	6	-100.27	19	-13.27	10
505	-3873	-3878	Min.	17.08					-8.15	6			0.02	6		
505	-3873	-3878	Min.	48.75	667.70	6	-44.87	2	-35.86	10	-1389.12	20	-183.94	20	-13.27	10
505	-3878	38	Max	0.00	2939.54	19	2.12	2	58.13	2	1162.21	14	-154.79	14	6.24	10
505	-3878	38	Max	35.52					22.01	14			51.35	14		
505	-3878	38	Max	48.75	2939.54	19	2.12	2	46.09	2	-432.82	14	22.72	14	6.24	10
505	-3878	38	Min.	0.00	1092.11	6	-27.75	10	-37.98	10	-408.70	6	-247.35	20	-34.53	2
505	-3878	38	Min.	35.52					-13.09	14			-474.60	14		
505	-3878	38	Min.	48.75	1092.11	6	-27.75	10	-38.43	10	-2003.73	6	-756.75	6	-34.53	2
505	38	41	Max	0.00	4242.27	14	92.03	2	95.69	2	3300.92	6	229.06	14	4.20	10
505	38	41	Max	100.89					21.82	6			853.51	6		
505	38	41	Max	140.00	4242.27	14	92.03	2	69.58	2	-1279.67	6	603.25	6	4.20	10
505	38	41	Min.	0.00	-2141.63	6	-151.18	10	-68.61	10	815.63	14	-811.66	6	-67.23	2
505	38	41	Min.	100.89					-50.27	6			-495.48	6		
505	38	41	Min.	140.00	-2141.63	6	-151.18	10	-125.30	10	-3948.80	19	-1835.51	14	-67.23	2
506	14	23	Max	25.00	2089.69	6	405.90	6	423.43	14	994.51	20	4.16	14	-5.29	2
506	14	23	Max	103.06					-11.24	19			209.67	19		
506	14	23	Max	187.00	2089.69	6	405.90	6	153.49	6	-500.97	6	-24.49	6	-5.29	2
506	14	23	Min.	25.00	-1923.40	14	-341.22	14	-504.13	6	483.73	14	-237.22	6	-11.04	18
506	14	23	Min.	86.56					-221.25	14			90.42	14		
506	14	23	Min.	187.00	-1923.40	14	-341.22	14	-129.39	14	-1020.35	19	-236.51	14	-11.04	18
507	15	24	Max	25.00	3935.81	6	585.85	14	806.74	6	1034.81	20	-21.89	10	31.75	6
507	15	24	Max	99.18					54.45	20			266.77	20		
507	15	24	Max	187.00	3935.81	6	585.85	14	227.76	14	-648.66	6	-17.68	6	31.75	6
507	15	24	Min.	25.00	-3764.31	14	-649.98	6	-721.58	14	523.44	14	-123.87	2	-19.83	14
507	15	24	Min.	110.77					-219.55	14			96.79	14		
507	15	24	Min.	187.00	-3764.31	14	-649.98	6	-246.49	6	-1230.86	19	-330.93	14	-19.83	14
508	16	27	Max	25.00	5729.82	14	446.90	2	881.17	10	16394.00	20	3159.45	14	833.72	2
508	16	27	Max	162.23					-5.77	19			7580.63	19		
508	16	27	Max	362.00	5729.82	14	446.90	2	579.74	2	-10722.70	6	-2171.47	6	833.72	2
508	16	27	Min.	25.00	-7801.06	6	-422.71	10	-927.24	2	6492.67	14	-7841.30	6	-734.34	10
508	16	27	Min.	113.09					-221.16	14			1869.33	14		
508	16	27	Min.	362.00	-7801.06	6	-422.71	10	-544.31	10	-22818.20	19	-16765.50	14	-734.34	10
508	27	31	Max	30.00	761.46	14	3.63	6	162.76	2	31172.20	20	-9922.04	14	119.01	14
508	27	31	Max	302.14					-2.04	20			16207.50	20		
508	27	31	Max	574.00	761.46	14	3.63	6	105.06	2	-17620.50	6	-9933.65	6	119.01	14
508	27	31	Min.	30.00	-4184.93	6	-24.66	14	-105.32	10	17354.30	14	-26207.80	20	-154.50	6
508	27	31	Min.	42.36					48.00	8			-20101.70	8		
508	27	31	Min.	574.00	-4184.93	6	-24.66	14	-162.01	10	-31576.10	19	-27368.20	19	-154.50	6
508	31	44	Max	15.00	6093.84	6	233.22	2	474.37	10	36647.90	20	-17796.60	14	509.87	2
508	31	44	Max	332.01					26.16	19			20317.00	19		
508	31	44	Max	579.00	6093.84	6	233.22	2	780.91	2	-16027.10	6	-4197.51	6	509.87	2
508	31	44	Min.	15.00	-8443.13	14	-206.50	10	-536.15	2	21446.10	14	-38322.20	20	-528.32	10
508	31	44	Min.	306.35					-65.87	14			12184.30	14		
508	31	44	Min.	579.00	-8443.13	14	-206.50	10	-691.98	10	-28291.30	19	-14620.60	19	-528.32	10
509	20	-3699	Max	25.00	5504.93	14	962.83	2	376.45	10	1560.77	14	529.59	6	-56.06	10
509	20	-3699	Max	40.00	5504.93	14	962.83	2	191.64	10	340.03	14	-135.19	6	-56.06	10
509	20	-3699	Min.	25.00	-1750.29	6	-1232.09	10	-300.13	2	-4051.14	6	-611.16	14	-287.58	2
509	20	-3699	Min.	40.00	-1750.29	6	-1232.09	10	-155.71	2	-5271.88	6	-506.62	20	-287.58	2
509	-3699	-3702	Max	0.00	4643.03	14	137.77	2	241.20	10	2754.63	20	-37.77	6	-3.41	2
509	-3699	-3702	Max	16.00					90.26	6			67.66	6		
509	-3699	-3702	Max	40.00	4643.03	14	137.77	2	98.90	10	-1117.30	14	-132.87	10	-3.41	2
509	-3699	-3702	Min.	0.00	-244.14	6	-356.40	10	-159.67	2	1302.38	6	-358.84	14	-91.89	10
509	-3699	-3702	Min.	16.00					-43.70	14			-122.14	14		
509	-3699	-3702	Min.	40.00	-244.14	6	-356.40	10	-104.82	2	-2461.20	19	-252.89	17	-91.89	10
509	-3702	-3703	Max	0.00	3726.05	14	181.80	2	154.34	10	2355.20	20	-106.58	14	49.74	2
509	-3702	-3703	Max	17.95					55.49	14			24.55	14		
509	-3702	-3703	Max	35.67	3726.05	14	181.80	2	48.15	10	-1373.60	14	-101.31	10	49.74	2
509	-3702	-3703	Min.	0.00	475.58	6	-297.73	10	-126.68	2	1457.71	6	-208.16	20	-108.57	10
509	-3702	-3703	Min.	17.92					-48.67	6			-15.48	6		
509	-3702	-3703	Min.	35.67	475.58	6	-297.73	10	-61.84	2	-2228.29	19	-185.01	17	-108.57	10
509	-3703	-3705	Max	0.00	3097.70	6	205.59	2	119.32	10	2316.12	20	-104.83	14	70.75	2
509	-3703	-3705	Max	18.03					34.91	14			27.47	14		
509	-3703	-3705	Max	35.67	3097.70	6	205.59	2	14.36	10	-1430.13	14	-99.09	14	70.75	2
509	-3703	-3705	Min.	0.00	753.39	14	-294.39	10	-100.93	2	1467.06	6	-184.77	17	-117.41	10
509	-3703	-3705	Min.	18.03					-32.54	6			3.22	6		
509	-3703	-3705	Min.	35.67	753.39	14	-294.39	10	-27.64	2	-2261.13	19	-174.92	17	-117.41	10
509	-3705	-3719	Max	0.00	2756.89	17	224.94	2	92.39	10	2299.30	19	-104.08	14	83.70	2
509	-3705	-3719	Max	17.91					4.71	18			29.34	18		
509	-3705	-3719	Max	35.67	2756.89	17	224.94	2	2.68	2	-1439.65	6	-100.03	14	83.70	2
509	-3705	-3719	Min.	0.00	802.76	10	-304.21	10	-77.58	2	1454.35	14	-178.06	17	-125.64	10
509	-3705	-3719	Min.	17.98					-17.54	6			8.23	6		
509	-3705	-3719	Min.	35.67	802.76	10	-304.21	10	-16.14	10	-2278.41	20	-174.34	17	-125.64	10
509	-3719	-3724	Max	0.00	2336.19	17	232.61	2	70.58	10	2623.47	19	-134.85	14	92.51	2
509	-3719	-3724	Max	20.32					0.17	19			44.73	19		

509	-3719	-3724	Max	41.00	2336.19	17	232.61	2	40.37	2	-1664.89	6	-133.62	6	92.51	2
509	-3719	-3724	Min.	0.00	685.01	10	-306.51	10	-55.01	2	1655.97	14	-224.52	20	-135.89	10
509	-3719	-3724	Min.	20.54					-3.62	6			18.88	6		
509	-3719	-3724	Min.	41.00	685.01	10	-306.51	10	-55.10	10	-2639.35	20	-228.10	20	-135.89	10
509	-3724	-3728	Max	0.00	1819.22	2	260.68	2	41.08	2	2599.66	19	-140.47	6	97.68	2
509	-3724	-3728	Max	20.17					0.34	19			28.05	19		
509	-3724	-3728	Max	41.00	1819.22	2	260.68	2	85.47	2	-1681.23	6	-145.77	6	97.68	2
509	-3724	-3728	Min.	0.00	235.63	10	-345.57	10	-22.18	10	1642.06	14	-236.89	20	-149.15	10
509	-3724	-3728	Min.	20.23					-21.02	14			6.77	14		
509	-3724	-3728	Min.	41.00	235.63	10	-345.57	10	-101.39	10	-2662.91	20	-250.13	20	-149.15	10
509	-3728	-3732	Max	0.00	1543.85	6	300.19	2	29.35	6	2601.54	20	-152.17	6	97.10	2
509	-3728	-3732	Max	20.07					54.75	6			8.15	6		
509	-3728	-3732	Max	41.00	1543.85	6	300.19	2	149.19	2	-1655.71	14	-173.81	6	97.10	2
509	-3728	-3732	Min.	0.00	-1326.95	14	-416.47	10	-3.78	14	1614.82	6	-271.73	20	-165.66	10
509	-3728	-3732	Min.	20.10					-52.60	14			-16.02	14		
509	-3728	-3732	Min.	41.00	-1326.95	14	-416.47	10	-171.29	10	-2666.28	19	-283.65	20	-165.66	10
509	-3732	-3736	Max	0.00	1064.94	6	444.55	2	111.54	2	4029.47	20	-172.65	6	75.83	2
509	-3732	-3736	Max	40.59					-19.53	7			284.33	7		
509	-3732	-3736	Max	41.00	1064.94	6	444.55	2	293.75	2	202.88	14	355.08	14	75.83	2
509	-3732	-3736	Min.	0.00	-5680.82	14	-667.73	10	-85.72	10	1407.07	6	-476.68	20	-184.82	10
509	-3732	-3736	Min.	40.59					-12.14	7			-230.95	7		
509	-3732	-3736	Min.	41.00	-5680.82	14	-667.73	10	-359.43	10	-1929.63	6	-279.85	6	-184.82	10
509	-3736	28	Max	0.00	-1444.45	6	1723.22	2	269.92	2	19896.90	14	-119.20	14	27.82	2
509	-3736	28	Max	11.00	-1444.45	6	1723.22	2	459.46	2	19001.70	14	2020.04	14	27.82	2
509	-3736	28	Min.	0.00	-14293.10	14	-2243.51	10	-280.53	10	1882.29	6	-498.23	19	-341.06	10
509	-3736	28	Min.	11.00	-14293.10	14	-2243.51	10	-527.31	10	987.08	6	-330.73	6	-341.06	10
509	28	-3742	Max	30.00	1248.56	14	1335.32	10	298.80	2	1545.93	14	1891.95	6	258.63	10
509	28	-3742	Max	47.67	1248.56	14	1335.32	10	123.60	10	545.42	14	-426.81	14	258.63	10
509	28	-3742	Min.	30.00	-11698.30	6	-992.90	2	-331.83	10	-14040.90	6	-611.93	14	-0.76	2
509	28	-3742	Min.	47.67	-11698.30	6	-992.90	2	-96.14	2	-15041.40	6	-887.09	19	-0.76	2
509	-3742	-3746	Max	0.00	2370.41	14	330.71	10	146.19	2	1826.77	20	50.29	6	105.52	10
509	-3742	-3746	Max	9.53					69.16	6			75.93	6		
509	-3742	-3746	Max	47.67	2370.41	14	330.71	10	50.38	10	-1055.27	14	-127.83	14	105.52	10
509	-3742	-3746	Min.	0.00	-3269.42	6	-206.69	2	-170.74	10	538.87	6	-268.21	14	-31.50	2
509	-3742	-3746	Min.	9.53					-81.88	14			-137.19	14		
509	-3742	-3746	Min.	47.67	-3269.42	6	-206.69	2	-15.81	2	-2630.54	19	-378.98	19	-31.50	2
509	-3746	-3762	Max	0.00	2153.82	14	171.41	10	53.13	2	2203.96	20	-154.42	14	75.38	10
509	-3746	-3762	Max	24.32					19.89	14			13.04	14		
509	-3746	-3762	Max	47.67	2153.82	14	171.41	10	29.81	10	-1322.25	14	-141.31	14	75.38	10
509	-3746	-3762	Min.	0.00	-62.88	6	-127.31	2	-52.96	10	1359.40	6	-255.90	19	-37.94	2
509	-3746	-3762	Min.	35.22					2.64	16			-36.15	16		
509	-3746	-3762	Min.	47.67	-62.88	6	-127.31	2	-8.62	2	-2144.91	19	-242.25	19	-37.94	2
509	-3762	-3766	Max	0.00	2353.41	20	119.31	10	14.39	6	2140.75	19	-126.65	14	51.68	10
509	-3762	-3766	Max	23.46					3.85	20			37.19	20		
509	-3762	-3766	Max	46.71	2353.41	20	119.31	10	46.39	10	-1308.76	6	-127.39	14	51.68	10
509	-3762	-3766	Min.	0.00	1061.01	6	-96.95	2	-15.25	14	1321.18	14	-215.12	19	-32.47	2
509	-3762	-3766	Min.	23.39					-7.33	6			16.92	6		
509	-3762	-3766	Min.	46.71	1061.01	6	-96.95	2	-36.80	2	-2121.05	20	-210.15	19	-32.47	2
509	-3766	-3770	Max	0.00	2542.58	17	76.55	10	24.82	2	2131.92	19	-118.47	14	33.81	10
509	-3766	-3770	Max	23.36					1.12	20			51.77	20		
509	-3766	-3770	Max	46.71	2542.58	17	76.55	10	55.17	10	-1313.52	6	-122.25	14	33.81	10
509	-3766	-3770	Min.	0.00	1424.97	10	-67.77	2	-26.38	10	1314.65	14	-197.91	19	-24.91	2
509	-3766	-3770	Min.	28.15					8.93	15			23.53	15		
509	-3766	-3770	Min.	46.71	1424.97	10	-67.77	2	-52.63	2	-2130.06	20	-197.07	19	-24.91	2
509	-3770	-3774	Max	0.00	2614.22	19	43.56	14	41.89	2	2129.58	19	-115.13	14	23.54	14
509	-3770	-3774	Max	23.39					-0.58	20			58.89	20		
509	-3770	-3774	Max	46.71	2614.22	19	43.56	14	57.96	10	-1315.30	6	-117.38	6	23.54	14
509	-3770	-3774	Min.	0.00	1245.81	14	-42.95	6	-43.96	10	1313.47	14	-189.93	19	-21.17	6
509	-3770	-3774	Min.	15.51					10.62	8			17.33	8		
509	-3770	-3774	Min.	46.71	1245.81	14	-42.95	6	-59.74	2	-2132.34	20	-190.40	20	-21.17	6
509	-3774	-3778	Max	0.00	2645.38	19	29.40	14	53.59	2	2129.97	19	-114.54	14	17.70	14
509	-3774	-3778	Max	22.89					-1.45	19			61.66	19		
509	-3774	-3778	Max	46.71	2645.38	19	29.40	14	55.89	10	-1315.11	6	-114.22	6	17.70	14
509	-3774	-3778	Min.	0.00	981.46	14	-34.59	6	-55.45	10	1313.75	14	-186.97	19	-20.01	6
509	-3774	-3778	Min.	5.02					46.80	3			-57.24	3		
509	-3774	-3778	Min.	46.71	981.46	14	-34.59	6	-60.17	2	-2131.94	20	-187.49	20	-20.01	6
509	-3778	-3782	Max	0.00	2665.70	19	31.70	14	60.77	2	2130.57	19	-116.11	6	18.30	14
509	-3778	-3782	Max	23.36					-1.60	19			61.36	19		
509	-3778	-3782	Max	46.71	2665.70	19	31.70	14	49.04	10	-1314.79	6	-113.22	6	18.30	14
509	-3778	-3782	Min.	0.00	704.21	14	-42.05	6	-61.65	10	1314.13	14	-187.52	19	-24.54	6
509	-3778	-3782	Min.	2.49					13.61	7			-85.64	7		
509	-3778	-3782	Min.	46.71	704.21	14	-42.05	6	-54.75	2	-2131.34	20	-188.00	20	-24.54	6
509	-3782	-3786	Max	0.00	2848.97	6	55.66	10	63.43	2	2129.00	19	-117.78	6	26.00	10
509	-3782	-3786	Max	23.40					-1.38	19			57.34	19		
509	-3782	-3786	Max	46.71	2848.97	6	55.66	10	36.90	10	-1316.10	6	-114.68	6	26.00	10
509	-3782	-3786	Min.	0.00	373.15	14	-71.69	2	-62.52	10	1313.43	14	-191.38	20	-36.45	2
509	-3782	-3786	Min.	23.46					-19.57	14			32.19	14		
509	-3782	-3786	Min.	46.71	373.15	14	-71.69	2	-43.48	2	-2132.84	20	-192.65	20	-36.45	2
509	-3786	-3802	Max	0.00	3194.71	6	81.17	10	61.06	2	2121.84	19	-120.21	6	34.76	10
509	-3786	-3802	Max	23.33					-0.85	19			48.45	19		
509	-3786	-3802	Max	46.71	3194.71	6	81.17	10	18.13	10	-1321.98	6	-119.84	6	34.76	10
509	-3786	-3802	Min.	0.00	-96.26	14	-105.01	2	-57.24	10	1310.32	14	-199.04	20	-50.71	2

509	-3786	-3802	Min.	23.36				-15.57	14			24.59	14		
509	-3786	-3802	Min.	46.71	-96.26	14	-105.01	2	-25.45	2	-2139.72	20	-203.53	20	-50.71	2
509	-3802	-3806	Max	0.00	3577.56	6	114.46	10	51.52	2	1908.51	20	-105.25	6	41.97	10
509	-3802	-3806	Max	20.80				-0.25	19			17.65	19		
509	-3802	-3806	Max	42.25	3577.56	6	114.46	10	6.00	14	-1201.78	14	-112.99	6	41.97	10
509	-3802	-3806	Min.	0.00	-814.59	14	-152.56	2	-44.00	10	1177.99	6	-183.42	20	-65.67	2
509	-3802	-3806	Min.	20.97				-9.78	14			3.17	14		
509	-3802	-3806	Min.	42.25	-814.59	14	-152.56	2	-14.57	6	-1945.88	19	-191.04	20	-65.67	2
509	-3806	-3810	Max	0.00	4019.12	6	145.34	10	35.02	2	1910.37	20	-111.76	6	47.16	10
509	-3806	-3810	Max	19.66				7.50	6			-2.34	6		
509	-3806	-3810	Max	42.25	4019.12	6	145.34	10	39.90	10	-1141.72	14	-131.42	14	47.16	10
509	-3806	-3810	Min.	0.00	-2106.91	14	-200.05	2	-22.15	10	1113.18	6	-215.71	20	-83.44	2
509	-3806	-3810	Min.	19.78				-5.49	14			-17.92	14		
509	-3806	-3810	Min.	42.25	-2106.91	14	-200.05	2	-50.14	2	-1956.47	19	-224.12	19	-83.44	2
509	-3810	-3814	Max	0.00	4540.92	6	186.59	10	22.07	2	2086.52	20	-120.43	6	48.00	10
509	-3810	-3814	Max	30.57				23.46	14			25.33	14		
509	-3810	-3814	Max	42.25	4540.92	6	186.59	10	94.80	2	-661.43	14	-13.30	14	48.00	10
509	-3810	-3814	Min.	0.00	-5161.33	14	-303.87	2	-3.41	10	807.92	6	-293.75	20	-101.57	2
509	-3810	-3814	Min.	29.74				-39.37	6			-130.65	6		
509	-3810	-3814	Min.	42.25	-5161.33	14	-303.87	2	-125.69	10	-1858.51	19	-284.57	6	-101.57	2
509	-3814	32	Max	0.00	4750.45	6	288.72	10	96.03	2	8103.49	14	-340.19	6	35.99	10
509	-3814	32	Max	42.25	4750.45	6	288.72	10	213.37	2	5710.75	14	2251.52	14	35.99	10
509	-3814	32	Min.	0.00	-13900.10	14	-514.23	2	-97.16	10	39.38	6	-819.63	20	-165.49	2
509	-3814	32	Min.	42.25	-13900.10	14	-514.23	2	-309.78	10	-2353.36	6	-829.08	6	-165.49	2
509	32	-3820	Max	15.00	-1730.21	14	1034.72	2	302.79	10	1513.96	14	2719.78	6	192.75	10
509	32	-3820	Max	43.67	-1730.21	14	1034.72	2	110.43	10	-109.53	14	-491.78	14	192.75	10
509	32	-3820	Min.	15.00	-10775.50	6	-671.38	10	-403.12	2	-10908.60	6	-693.62	14	-22.32	2
509	32	-3820	Min.	43.67	-10775.50	6	-671.38	10	-106.61	2	-12532.10	6	-912.27	19	-22.32	2
509	-3820	-3824	Max	0.00	-329.34	14	346.02	2	132.70	10	1725.35	20	57.14	6	112.71	2
509	-3820	-3824	Max	8.73				35.93	6			78.04	6		
509	-3820	-3824	Max	43.67	-329.34	14	346.02	2	45.43	10	-884.57	14	-152.60	14	112.71	2
509	-3820	-3824	Min.	0.00	-1547.57	19	-200.81	10	-177.29	2	486.63	6	-306.27	14	-43.36	10
509	-3820	-3824	Min.	8.73				-67.84	14			-189.15	14		
509	-3820	-3824	Min.	43.67	-1547.57	19	-200.81	10	-26.60	2	-2366.82	19	-344.63	19	-43.36	10
509	-3824	-3840	Max	0.00	2803.65	6	217.57	2	63.51	10	2012.91	20	-127.51	6	93.34	2
509	-3824	-3840	Max	21.38				16.33	6			3.16	6		
509	-3824	-3840	Max	43.67	2803.65	6	217.57	2	22.30	10	-1193.39	14	-136.18	6	93.34	2
509	-3824	-3840	Min.	0.00	-1051.07	14	-139.47	10	-82.15	2	1216.52	6	-242.63	20	-44.71	10
509	-3824	-3840	Min.	40.02				-2.52	7			-111.72	7		
509	-3824	-3840	Min.	43.67	-1051.07	14	-139.47	10	-6.83	2	-1975.63	19	-233.13	20	-44.71	10
509	-3840	-3844	Max	0.00	4999.54	6	180.91	2	26.07	10	1718.02	19	-89.69	6	74.92	2
509	-3840	-3844	Max	19.01				6.41	6			12.64	6		
509	-3840	-3844	Max	37.67	4999.54	6	180.91	2	32.26	10	-1056.30	6	-85.92	6	74.92	2
509	-3840	-3844	Min.	0.00	-1941.53	14	-114.15	10	-40.73	2	1054.74	14	-170.13	20	-38.07	10
509	-3840	-3844	Min.	19.00				-8.39	14			-22.54	14		
509	-3840	-3844	Min.	37.67	-1941.53	14	-114.15	10	-21.77	2	-1719.33	20	-170.80	20	-38.07	10
509	-3844	-3848	Max	0.00	6734.92	6	138.54	2	10.58	14	1717.48	19	-80.72	6	59.77	2
509	-3844	-3848	Max	19.32				10.07	6			24.92	6		
509	-3844	-3848	Max	37.67	6734.92	6	138.54	2	36.94	10	-1038.61	6	-70.43	6	59.77	2
509	-3844	-3848	Min.	0.00	-3105.99	14	-82.02	10	-23.43	6	1034.16	14	-158.96	20	-28.97	10
509	-3844	-3848	Min.	19.27				-12.01	14			-21.51	14		
509	-3844	-3848	Min.	37.67	-3105.99	14	-82.02	10	-28.50	2	-1723.67	20	-161.26	20	-28.97	10
509	-3848	35	Max	0.00	8617.48	6	100.04	2	12.49	14	1712.64	19	-72.51	6	44.07	10
509	-3848	35	Max	19.52				13.41	6			35.41	6		
509	-3848	35	Max	37.67	8617.48	6	100.04	2	37.86	2	-1026.34	6	-57.77	6	44.07	10
509	-3848	35	Min.	0.00	-4703.20	14	-48.75	10	-24.34	6	1013.85	14	-155.41	20	-16.77	2
509	-3848	35	Min.	30.13				-1.41	29			-33.68	29		
509	-3848	35	Min.	37.67	-4703.20	14	-48.75	10	-30.40	10	-1731.76	20	-160.76	20	-16.77	2
509	35	-3866	Max	0.00	11008.30	6	75.37	6	22.14	2	1805.94	19	-73.95	6	40.83	14
509	35	-3866	Max	21.27				16.48	6			54.15	6		
509	35	-3866	Max	40.00	11008.30	6	75.37	6	35.13	2	-1058.81	6	-45.12	6	40.83	14
509	35	-3866	Min.	0.00	-7044.77	14	-27.43	14	-33.37	10	1023.77	14	-171.53	20	-15.36	6
509	35	-3866	Min.	21.12				-17.61	14			-46.91	14		
509	35	-3866	Min.	40.00	-7044.77	14	-27.43	14	-27.19	10	-1860.21	20	-186.03	20	-15.36	6
509	-3866	-3871	Max	0.00	14377.50	6	92.42	14	34.98	2	1775.89	19	-55.01	6	53.76	14
509	-3866	-3871	Max	22.01				19.43	6			82.04	6		
509	-3866	-3871	Max	40.00	14377.50	6	92.42	14	26.58	2	-1016.90	6	-9.59	6	53.76	14
509	-3866	-3871	Min.	0.00	-10673.90	14	-43.61	6	-45.08	10	934.58	14	-183.62	20	-28.85	6
509	-3866	-3871	Min.	21.73				-19.00	14			-98.97	14		
509	-3866	-3871	Min.	40.00	-10673.90	14	-43.61	6	-17.15	10	-1903.36	20	-247.22	14	-28.85	6
509	-3871	-3876	Max	0.00	20075.50	6	191.19	10	45.57	2	1713.47	19	1.32	6	88.96	10
509	-3871	-3876	Max	20.97				17.79	6			125.78	6		
509	-3871	-3876	Max	40.00	20075.50	6	191.19	10	27.43	2	-1077.48	6	23.19	6	88.96	10
509	-3871	-3876	Min.	0.00	-17406.70	14	-139.11	2	-53.92	10	917.22	14	-262.00	14	-63.38	2
509	-3871	-3876	Min.	20.71				-15.56	14			-193.37	14		
509	-3871	-3876	Min.	40.00	-17406.70	14	-139.11	2	-14.95	10	-1961.38	20	-347.96	14	-63.38	2
509	-3876	36	Max	0.00	32595.30	6	388.21	10	35.40	6	8099.58	14	582.83	6	209.52	10
509	-3876	36	Max	2.00				25.67	8			480.59	8		
509	-3876	36	Max	40.00	32595.30	6	388.21	10	123.95	2	5834.26	14	1677.97	14	209.52	10
509	-3876	36	Min.	0.00	-33465.40	14	-335.14	2	-42.10	14	-4378.90	6	-1110.91	14	-182.31	2
509	-3876	36	Min.	2.00				-20.75	8			-860.69	8		
509	-3876	36	Min.	40.00	-33465.40	14	-335.14	2	-109.41	10	-6644.22	6	-1623.92	6	-182.31	2

509	36	-3894	Max	0.00	17342.20	6	42.42	14	73.89	10	3490.67	6	1547.15	14	76.53	14
509	36	-3894	Max	5.88					75.63	10			625.49	10		
509	36	-3894	Max	50.00	17342.20	6	42.42	14	88.91	10	659.02	6	282.36	14	76.53	14
509	36	-3894	Min.	0.00	-18087.90	14	-24.77	6	-71.88	2	-1119.38	14	-1395.87	6	-47.91	6
509	36	-3894	Min.	10.00					-73.08	2			-288.92	2		
509	36	-3894	Min.	50.00	-18087.90	14	-24.77	6	-78.07	2	-3951.03	14	-361.25	6	-47.91	6
509	-3894	-3897	Max	0.00	10267.60	6	47.46	2	104.93	10	2224.78	19	212.59	14	99.46	2
509	-3894	-3897	Max	10.00					59.21	14			242.61	14		
509	-3894	-3897	Max	50.00	10267.60	6	47.46	2	78.18	10	-752.54	6	-29.85	6	99.46	2
509	-3894	-3897	Min.	0.00	-10671.50	14	-54.00	10	-92.69	2	583.37	14	-361.53	6	-44.24	10
509	-3894	-3897	Min.	10.00					-37.76	14			-161.35	14		
509	-3894	-3897	Min.	50.00	-10671.50	14	-54.00	10	-69.21	2	-2483.93	20	-203.68	14	-44.24	10
509	-3897	-3900	Max	0.00	5220.32	6	177.69	2	146.36	10	2256.73	19	11.83	14	165.22	2
509	-3897	-3900	Max	24.15					25.18	20			125.97	20		
509	-3897	-3900	Max	50.00	5220.32	6	177.69	2	96.03	14	-1115.25	6	-41.28	6	165.22	2
509	-3897	-3900	Min.	0.00	-5273.93	14	-124.09	10	-120.61	2	1038.54	14	-191.70	6	-101.33	10
509	-3897	-3900	Min.	18.30					-43.53	14			28.97	14		
509	-3897	-3900	Min.	50.00	-5273.93	14	-124.09	10	-43.48	6	-2368.05	20	-181.47	20	-101.33	10
509	-3900	48	Max	0.00	4774.05	6	2757.04	2	272.49	10	2218.72	10	526.10	6	1201.13	2
509	-3900	48	Max	6.54					140.40	6			539.96	6		
509	-3900	48	Max	25.00	4774.05	6	2757.04	2	545.59	2	802.89	10	459.36	6	1201.13	2
509	-3900	48	Min.	0.00	-4037.50	14	-2971.47	10	-172.26	2	362.12	2	-899.46	14	-456.83	10
509	-3900	48	Min.	10.00					-92.23	14			-709.48	14		
509	-3900	48	Min.	25.00	-4037.50	14	-2971.47	10	-498.96	10	-1053.71	2	-541.47	14	-456.83	10
510	21	29	Max	30.00	484.14	6	248.44	2	395.51	10	2907.87	20	1715.31	6	339.47	10
510	21	29	Max	65.35					180.14	6			1853.10	6		
510	21	29	Max	374.50	484.14	6	248.44	2	492.76	2	-4911.36	14	-5008.16	14	339.47	10
510	21	29	Min.	30.00	-812.55	14	-266.74	10	-367.48	2	779.55	6	-1176.72	14	-104.26	2
510	21	29	Min.	75.14					-147.71	14			-188.61	14		
510	21	29	Min.	374.50	-812.55	14	-266.74	10	-527.77	10	-9296.48	19	-10776.60	19	-104.26	2
510	29	33	Max	17.50	1138.97	6	41.90	6	185.24	14	20556.60	20	-8383.32	6	104.71	14
510	29	33	Max	302.51					-0.08	20			12608.90	20		
510	29	33	Max	594.00	1138.97	6	41.90	6	93.93	6	-12776.70	14	-8868.56	14	104.71	14
510	29	33	Min.	17.50	-777.70	14	-53.49	14	-151.78	6	12378.70	6	-16741.10	20	-202.14	6
510	29	33	Min.	316.45					-33.19	6			7706.99	6		
510	29	33	Min.	594.00	-777.70	14	-53.49	14	-127.27	14	-21128.80	19	-18457.20	19	-202.14	6
510	33	37	Max	15.00	1115.13	6	35.68	6	186.84	14	16283.80	20	-1450.56	6	97.45	14
510	33	37	Max	314.71					5.48	14			5502.34	14		
510	33	37	Max	404.00	1115.13	6	35.68	6	118.47	2	-4179.25	14	3636.53	14	97.45	14
510	33	37	Min.	15.00	-541.61	14	-82.15	14	-148.98	6	6633.40	6	-15519.80	14	-217.46	6
510	33	37	Min.	314.71					-113.33	14			-1661.59	14		
510	33	37	Min.	404.00	-541.61	14	-82.15	14	-261.38	10	-12467.70	19	-11060.30	6	-217.46	6
510	37	-3895	Max	0.00	1963.72	14	88.97	10	135.88	2	14122.10	6	3028.39	14	-11.00	14
510	37	-3895	Max	2.33					-87.98	8			1303.39	8		
510	37	-3895	Max	50.00	1963.72	14	88.97	10	175.63	10	13019.30	6	279.94	14	-11.00	14
510	37	-3895	Min.	0.00	-563.42	6	-64.44	2	-231.56	10	-4946.00	14	-10397.00	6	-279.31	6
510	37	-3895	Min.	2.33					-5.23	8			-9957.04	8		
510	37	-3895	Min.	50.00	-563.42	6	-64.44	2	-259.04	2	-6048.80	14	-3611.92	6	-279.31	6
510	-3895	-3898	Max	0.00	1339.86	20	30.55	14	244.31	10	6106.84	6	494.05	14	-203.07	14
510	-3895	-3898	Max	11.71					65.62	5			-102.56	5		
510	-3895	-3898	Max	50.00	1339.86	20	30.55	14	249.05	10	5004.04	6	-220.79	14	-203.07	14
510	-3895	-3898	Min.	0.00	582.87	6	-22.27	6	-327.69	2	-878.95	14	-3217.29	6	-526.00	17
510	-3895	-3898	Min.	11.71					-173.80	5			-2347.13	5		
510	-3895	-3898	Min.	50.00	582.87	6	-22.27	6	-328.29	2	-1981.75	14	-514.23	19	-526.00	17
510	-3898	-3901	Max	0.00	1671.54	6	170.79	2	328.55	10	1794.33	6	85.76	14	-547.39	10
510	-3898	-3901	Max	2.38					165.36	14			86.59	14		
510	-3898	-3901	Max	50.00	1671.54	6	170.79	2	252.66	10	691.53	6	-156.60	14	-547.39	10
510	-3898	-3901	Min.	0.00	-145.65	14	-163.36	10	-419.24	2	57.60	14	-1085.20	6	-1046.50	17
510	-3898	-3901	Min.	2.38					-210.23	14			-916.88	14		
510	-3898	-3901	Min.	50.00	-145.65	14	-163.36	10	-339.62	2	-1045.20	14	-484.60	19	-1046.50	17
510	-3901	49	Max	0.00	2184.57	6	1234.78	2	293.33	10	2181.55	19	-207.33	14	-2026.28	2
510	-3901	49	Max	26.86					94.32	14			-129.02	14		
510	-3901	49	Max	50.00	2184.57	6	1234.78	2	275.96	2	1048.77	6	-168.65	6	-2026.28	2
510	-3901	49	Min.	0.00	-1222.06	14	-1012.59	10	-374.60	2	584.13	14	-1016.12	6	-3415.57	17
510	-3901	49	Min.	26.86					-121.59	14			-488.48	14		
510	-3901	49	Min.	50.00	-1222.06	14	-1012.59	10	-246.13	10	-518.67	14	-304.43	19	-3415.57	17
511	18	19	Max	0.00	10081.20	10	371.97	6	618.50	14	5526.69	18	-1255.74	14	87.56	2
511	18	19	Max	139.81					-30.70	18			1906.14	18		
511	18	19	Max	300.00	10081.20	10	371.97	6	446.58	2	-4197.47	10	-1903.31	10	87.56	2
511	18	19	Min.	0.00	-10829.90	2	-323.19	14	-737.88	6	3659.05	2	-1972.95	17	-67.95	10
511	18	19	Min.	141.51					-141.18	2			1128.78	2		
511	18	19	Min.	300.00	-10829.90	2	-323.19	14	-419.62	10	-6329.02	17	-3193.44	17	-67.95	10
511	19	-3693	Max	20.00	9494.16	10	636.74	10	244.00	2	4898.28	17	-909.52	2	150.96	17
511	19	-3693	Max	47.83	9494.16	10	636.74	10	100.63	2	3799.38	17	-87.21	2	150.96	17
511	19	-3693	Min.	20.00	-2919.59	2	-515.24	2	-232.31	10	3255.59	2	-1436.07	18	67.02	10
511	19	-3693	Min.	47.83	-2919.59	2	-515.24	2	-55.12	10	2516.26	2	-227.43	18	67.02	10
511	-3693	-3694	Max	0.00	5789.94	10	148.79	10	76.78	2	1367.85	18	-103.93	2	49.50	18
511	-3693	-3694	Max	33.06					51.79	2			40.38	2		
511	-3693	-3694	Max	47.83	5789.94	10	148.79	10	44.52	6	-312.32	10	11.02	2	49.50	18
511	-3693	-3694	Min.	0.00	-1548.08	2	-75.61	2	-80.20	10	875.57	2	-233.11	18	19.50	2
511	-3693	-3694	Min.	33.25					-30.73	10			-30.06	10		
511	-3693	-3694	Min.	47.83	-1548.08	2	-75.61	2	-12.94	14	-528.67	17	-47.37	10	19.50	2

511	-3694	-3695	Max	0.00	3924.46	10	113.46	10	21.59	2	984.07	19	-60.54	2	40.29	10
511	-3694	-3695	Max	24.99					10.36	2			22.38	2		
511	-3694	-3695	Max	47.83	3924.46	10	113.46	10	31.28	2	-605.15	6	-46.92	2	40.29	10
511	-3694	-3695	Min.	0.00	-113.98	2	-52.82	2	-26.81	10	658.76	14	-114.48	18	-0.20	2
511	-3694	-3695	Min.	24.96					-0.43	10			-8.05	10		
511	-3694	-3695	Min.	47.83	-113.98	2	-52.82	2	-7.49	10	-905.06	20	-95.63	18	-0.20	2
511	-3695	-3696	Max	0.00	3518.24	18	108.75	10	15.55	2	913.18	19	-68.50	6	37.04	10
511	-3695	-3696	Max	23.67					21.21	6			5.49	6		
511	-3695	-3696	Max	47.83	3518.24	18	108.75	10	63.47	10	-642.62	6	-72.49	6	37.04	10
511	-3695	-3696	Min.	0.00	1611.81	2	-53.16	2	-20.11	10	601.01	14	-115.29	20	1.57	2
511	-3695	-3696	Min.	23.62					-12.60	14			-15.28	14		
511	-3695	-3696	Min.	47.83	1611.81	2	-53.16	2	-41.44	2	-977.90	20	-131.38	20	1.57	2
511	-3696	-3697	Max	0.00	4445.65	17	150.63	10	59.67	2	754.39	18	-59.14	2	51.21	14
511	-3696	-3697	Max	24.26					50.86	14			-9.57	14		
511	-3696	-3697	Max	47.83	4445.65	17	150.63	10	125.54	10	-560.28	10	-72.50	10	51.21	14
511	-3696	-3697	Min.	0.00	1486.39	10	-50.01	2	-64.98	10	272.38	2	-134.97	18	0.01	6
511	-3696	-3697	Min.	26.67					-72.13	10			-84.85	10		
511	-3696	-3697	Min.	47.83	1486.39	10	-50.01	2	-82.72	2	-1174.98	17	-240.56	17	0.01	6
511	-3697	20	Max	0.00	7034.38	2	635.14	10	107.63	10	3470.63	10	-206.01	6	256.76	14
511	-3697	20	Max	0.29					2.43	8			-207.57	8		
511	-3697	20	Max	22.83	7034.38	2	635.14	10	252.64	10	2864.12	10	407.00	10	256.76	14
511	-3697	20	Min.	0.00	-806.04	10	-411.04	2	-103.21	2	-2409.20	2	-505.80	20	-87.55	6
511	-3697	20	Min.	17.52					14.77	17			-431.52	17		
511	-3697	20	Min.	22.83	-806.04	10	-411.04	2	-197.05	2	-3015.71	2	-941.99	2	-87.55	6
511	20	21	Max	0.00	905.51	2	146.83	14	313.59	6	497.82	10	25.55	2	-12.49	14
511	20	21	Max	301.17					142.67	10			276.78	10		
511	20	21	Max	432.00	905.51	2	146.83	14	327.94	10	-214.99	10	136.70	10	-12.49	14
511	20	21	Min.	0.00	-1250.68	10	-141.66	6	-320.04	14	216.90	2	-474.26	10	-35.16	20
511	20	21	Min.	301.17					-106.02	10			-51.15	10		
511	20	21	Min.	432.00	-1250.68	10	-141.66	6	-312.06	2	-495.90	2	-577.14	2	-35.16	20
516	39	42	Max	0.00	43.87	14	53.17	6	20.58	10	879.71	20	-69.37	14	7.40	18
516	39	42	Max	71.41					-10.15	20			157.81	20		
516	39	42	Max	137.00	43.87	14	53.17	6	58.85	6	-442.83	6	-1.89	6	7.40	18
516	39	42	Min.	0.00	-178.63	6	-82.93	14	-15.52	2	486.46	14	-156.30	20	2.82	14
516	39	42	Min.	78.77					-46.29	14			71.11	14		
516	39	42	Min.	137.00	-178.63	6	-82.93	14	-94.56	14	-817.44	19	-135.89	14	2.82	14
517	40	43	Max	0.00	4087.60	14	824.69	14	231.20	6	1228.55	20	13.85	14	25.67	6
517	40	43	Max	85.92					65.10	19			274.88	19		
517	40	43	Max	137.00	4087.60	14	824.69	14	868.13	14	-256.24	6	139.54	2	25.67	6
517	40	43	Min.	0.00	-3910.65	6	-745.74	6	-261.95	14	599.99	14	-347.83	6	-36.76	14
517	40	43	Min.	68.65					-260.72	14			98.16	14		
517	40	43	Min.	137.00	-3910.65	6	-745.74	6	-790.72	6	-695.87	19	-2.57	10	-36.76	14

Sollecitazioni nuclei

Simbologia

Nucleo = Numero del nucleo
Liv. = Numero del livello
Xg = Coord. baricentrica X
Yg = Coord. baricentrica Y
CC = Numero della combinazione delle condizioni di carico elementari
Z = Coordinata Z
N = Sforzo normale
Tx = Taglio in dir. X
Ty = Taglio in dir. Y
Mx = Momento flettente intorno all'asse X
My = Momento flettente intorno all'asse Y
Mz = Momento flettente intorno all'asse Z

Nucleo	Liv.	Xg <cm>	Yg <cm>	CC	Z <cm>	N <daN>	Tx <daN>	Ty <daN>	Mx <daNm>	My <daNm>	Mz <daNm>
103	1	10.75	0.15	1	-3.25	-38840.50	2333.61	-689.85	563.51	429.99	435.23
103	1	10.75	0.15	±	-3.25	41385.20	11836.60	278.91	820.85	34576.40	457.63
103	1	10.75	0.15	2	-3.25	-39122.70	2280.93	-692.16	564.84	653.92	439.36
103	1	10.75	0.15	±	-3.25	45641.90	13052.30	309.68	907.92	38133.40	505.65
103	1	10.75	0.15	3	-3.25	-38840.50	2333.61	-689.85	563.51	429.99	435.23
103	1	10.75	0.15	±	-3.25	32204.30	10740.70	-197.55	-4.18	27543.00	41.82
103	1	10.75	0.15	4	-3.25	-39122.70	2280.93	-692.16	564.84	653.92	439.36
103	1	10.75	0.15	±	-3.25	35289.00	11777.20	-219.77	-9.70	30183.00	43.70
103	1	10.75	0.15	5	-3.25	-38840.50	2333.61	-689.85	563.51	429.99	435.23
103	1	10.75	0.15	±	-3.25	26339.90	5213.23	806.30	1497.54	21040.20	767.93
103	1	10.75	0.15	6	-3.25	-39122.70	2280.93	-692.16	564.84	653.92	439.36
103	1	10.75	0.15	±	-3.25	29394.50	5849.62	895.90	1664.10	23498.20	852.31
103	1	10.75	0.15	7	-3.25	-38840.50	2333.61	-689.85	563.51	429.99	435.23
103	1	10.75	0.15	±	-3.25	4263.06	-1559.96	781.89	1252.54	2404.40	618.09
103	1	10.75	0.15	8	-3.25	-39122.70	2280.93	-692.16	564.84	653.92	439.36
103	1	10.75	0.15	±	-3.25	5115.26	-1599.21	868.93	1394.64	3003.27	687.51
103	1	10.75	0.15	9	-3.25	-33182.00	3389.82	-643.65	536.83	-4059.93	352.43
103	1	10.75	0.15	±	-3.25	41385.20	11836.60	278.91	820.85	34576.40	457.63
103	1	10.75	0.15	10	-3.25	-32899.80	3442.50	-641.34	535.50	-4283.86	348.30

103	1	10.75	0.15	±	-3.25	45641.90	13052.30	309.68	907.92	38133.40	505.65
103	1	10.75	0.15	11	-3.25	-33182.00	3389.82	-643.65	536.83	-4059.93	352.43
103	1	10.75	0.15	±	-3.25	32204.30	10740.70	-197.55	-4.18	27543.00	41.82
103	1	10.75	0.15	12	-3.25	-32899.80	3442.50	-641.34	535.50	-4283.86	348.30
103	1	10.75	0.15	±	-3.25	35289.00	11777.20	-219.77	-9.70	30183.00	43.70
103	1	10.75	0.15	13	-3.25	-33182.00	3389.82	-643.65	536.83	-4059.93	352.43
103	1	10.75	0.15	±	-3.25	26339.90	5213.23	806.30	1497.54	21040.20	767.93
103	1	10.75	0.15	14	-3.25	-32899.80	3442.50	-641.34	535.50	-4283.86	348.30
103	1	10.75	0.15	±	-3.25	29394.50	5849.62	895.90	1664.10	23498.20	852.31
103	1	10.75	0.15	15	-3.25	-33182.00	3389.82	-643.65	536.83	-4059.93	352.43
103	1	10.75	0.15	±	-3.25	4263.06	-1559.96	781.89	1252.54	2404.40	618.09
103	1	10.75	0.15	16	-3.25	-32899.80	3442.50	-641.34	535.50	-4283.86	348.30
103	1	10.75	0.15	±	-3.25	5115.26	-1599.21	868.93	1394.64	3003.27	687.51
103	1	10.75	0.15	17	-3.25	-57628.10	3428.80	-1049.08	824.18	694.41	643.34
103	1	10.75	0.15	18	-3.25	-48381.70	6005.22	-1039.29	917.64	-7092.57	576.09
103	1	10.75	0.15	19	-3.25	-52460.90	4653.28	-964.17	723.89	-3564.54	547.00
103	1	10.75	0.15	20	-3.25	-53548.90	4780.74	-1124.20	1017.93	-2833.63	672.43
103	1	10.75	0.15	21	-3.25	-42697.50	2111.32	-731.80	559.68	1675.52	462.12
103	1	10.75	0.15	22	-3.25	-33451.00	4687.74	-722.00	653.15	-6111.46	394.87
103	1	10.75	0.15	23	-3.25	-37530.20	3335.80	-646.88	459.39	-2583.42	365.78
103	1	10.75	0.15	24	-3.25	-38618.30	3463.26	-806.92	753.44	-1852.51	491.20
103	1	10.75	0.15	25	-3.25	-41133.90	1703.59	-686.52	517.32	1980.02	435.98
103	1	10.75	0.15	26	-3.25	-31887.40	4280.00	-676.72	610.79	-5806.96	368.72
103	1	10.75	0.15	27	-3.25	-35966.60	2928.06	-601.60	417.03	-2278.93	339.64
103	1	10.75	0.15	28	-3.25	-37054.70	3055.53	-761.64	711.08	-1548.01	465.06
103	1	10.75	0.15	29	-3.25	-40634.50	1573.50	-671.65	503.43	2078.52	427.46
103	1	10.75	0.15	30	-3.25	-31388.10	4149.92	-661.85	596.90	-5708.46	360.20
103	1	10.75	0.15	31	-3.25	-35467.30	2797.98	-586.73	403.14	-2180.43	331.12
103	1	10.75	0.15	32	-3.25	-36555.30	2925.45	-746.77	697.19	-1449.51	456.54
103	1	10.75	0.15	1	-2.81	-38840.50	2333.61	-689.85	563.51	429.99	435.23
103	1	10.75	0.15	±	-2.81	41385.20	11836.60	278.91	820.85	34576.40	457.63
103	1	10.75	0.15	2	-2.81	-39122.70	2280.93	-692.16	564.84	653.92	439.36
103	1	10.75	0.15	±	-2.81	45641.90	13052.30	309.68	907.92	38133.40	505.65
103	1	10.75	0.15	3	-2.81	-38840.50	2333.61	-689.85	563.51	429.99	435.23
103	1	10.75	0.15	±	-2.81	32204.30	10740.70	-197.55	-4.18	27543.00	41.82
103	1	10.75	0.15	4	-2.81	-39122.70	2280.93	-692.16	564.84	653.92	439.36
103	1	10.75	0.15	±	-2.81	35289.00	11777.20	-219.77	-9.70	30183.00	43.70
103	1	10.75	0.15	5	-2.81	-38840.50	2333.61	-689.85	563.51	429.99	435.23
103	1	10.75	0.15	±	-2.81	26339.90	5213.23	806.30	1497.54	21040.20	767.93
103	1	10.75	0.15	6	-2.81	-39122.70	2280.93	-692.16	564.84	653.92	439.36
103	1	10.75	0.15	±	-2.81	29394.50	5849.62	895.90	1664.10	23498.20	852.31
103	1	10.75	0.15	7	-2.81	-38840.50	2333.61	-689.85	563.51	429.99	435.23
103	1	10.75	0.15	±	-2.81	4263.06	-1559.96	781.89	1252.54	2404.40	618.09
103	1	10.75	0.15	8	-2.81	-39122.70	2280.93	-692.16	564.84	653.92	439.36
103	1	10.75	0.15	±	-2.81	5115.26	-1599.21	868.93	1394.64	3003.27	687.51
103	1	10.75	0.15	9	-2.81	-33182.00	3389.82	-643.65	536.83	-4059.93	352.43
103	1	10.75	0.15	±	-2.81	41385.20	11836.60	278.91	820.85	34576.40	457.63
103	1	10.75	0.15	10	-2.81	-32899.80	3442.50	-641.34	535.50	-4283.86	348.30
103	1	10.75	0.15	±	-2.81	45641.90	13052.30	309.68	907.92	38133.40	505.65
103	1	10.75	0.15	11	-2.81	-33182.00	3389.82	-643.65	536.83	-4059.93	352.43
103	1	10.75	0.15	±	-2.81	32204.30	10740.70	-197.55	-4.18	27543.00	41.82
103	1	10.75	0.15	12	-2.81	-32899.80	3442.50	-641.34	535.50	-4283.86	348.30
103	1	10.75	0.15	±	-2.81	35289.00	11777.20	-219.77	-9.70	30183.00	43.70
103	1	10.75	0.15	13	-2.81	-33182.00	3389.82	-643.65	536.83	-4059.93	352.43
103	1	10.75	0.15	±	-2.81	26339.90	5213.23	806.30	1497.54	21040.20	767.93
103	1	10.75	0.15	14	-2.81	-32899.80	3442.50	-641.34	535.50	-4283.86	348.30
103	1	10.75	0.15	±	-2.81	29394.50	5849.62	895.90	1664.10	23498.20	852.31
103	1	10.75	0.15	15	-2.81	-33182.00	3389.82	-643.65	536.83	-4059.93	352.43
103	1	10.75	0.15	±	-2.81	4263.06	-1559.96	781.89	1252.54	2404.40	618.09
103	1	10.75	0.15	16	-2.81	-32899.80	3442.50	-641.34	535.50	-4283.86	348.30
103	1	10.75	0.15	±	-2.81	5115.26	-1599.21	868.93	1394.64	3003.27	687.51
103	1	10.75	0.15	17	-2.81	-57628.10	3428.80	-1049.08	824.18	694.41	643.34
103	1	10.75	0.15	18	-2.81	-48381.70	6005.22	-1039.29	917.64	-7092.57	576.09
103	1	10.75	0.15	19	-2.81	-52460.90	4653.28	-964.17	723.89	-3564.54	547.00
103	1	10.75	0.15	20	-2.81	-53548.90	4780.74	-1124.20	1017.93	-2833.63	672.43
103	1	10.75	0.15	21	-2.81	-42697.50	2111.32	-731.80	559.68	1675.52	462.12
103	1	10.75	0.15	22	-2.81	-33451.00	4687.74	-722.00	653.15	-6111.46	394.87
103	1	10.75	0.15	23	-2.81	-37530.20	3335.80	-646.88	459.39	-2583.42	365.78
103	1	10.75	0.15	24	-2.81	-38618.30	3463.26	-806.92	753.44	-1852.51	491.20
103	1	10.75	0.15	25	-2.81	-41133.90	1703.59	-686.52	517.32	1980.02	435.98
103	1	10.75	0.15	26	-2.81	-31887.40	4280.00	-676.72	610.79	-5806.96	368.72
103	1	10.75	0.15	27	-2.81	-35966.60	2928.06	-601.60	417.03	-2278.93	339.64
103	1	10.75	0.15	28	-2.81	-37054.70	3055.53	-761.64	711.08	-1548.01	465.06
103	1	10.75	0.15	29	-2.81	-40634.50	1573.50	-671.65	503.43	2078.52	427.46
103	1	10.75	0.15	30	-2.81	-31388.10	4149.92	-661.85	596.90	-5708.46	360.20
103	1	10.75	0.15	31	-2.81	-35467.30	2797.98	-586.73	403.14	-2180.43	331.12
103	1	10.75	0.15	32	-2.81	-36555.30	2925.45	-746.77	697.19	-1449.51	456.54
103	2	10.75	0.15	1	-2.81	-39522.50	2591.65	-684.47	268.69	88.66	514.34
103	2	10.75	0.15	±	-2.81	37912.70	14507.50	266.11	749.30	38715.30	592.48
103	2	10.75	0.15	2	-2.81	-39782.70	2523.95	-686.71	269.11	336.98	519.57
103	2	10.75	0.15	±	-2.81	41810.60	15995.80	295.01	828.25	42696.50	654.76
103	2	10.75	0.15	3	-2.81	-39522.50	2591.65	-684.47	268.69	88.66	514.34

103	2	10.75	0.15	±	-2.81	29232.60	12964.00	-133.12	101.56	30881.60	33.14
103	2	10.75	0.15	4	-2.81	-39782.70	2523.95	-686.71	269.11	336.98	519.57
103	2	10.75	0.15	±	-2.81	32033.20	14216.10	-148.56	107.53	33843.40	33.37
103	2	10.75	0.15	5	-2.81	-39522.50	2591.65	-684.47	268.69	88.66	514.34
103	2	10.75	0.15	±	-2.81	24538.70	6693.26	685.33	1207.19	23495.70	1026.08
103	2	10.75	0.15	6	-2.81	-39782.70	2523.95	-686.71	269.11	336.98	519.57
103	2	10.75	0.15	±	-2.81	27372.20	7497.95	761.25	1341.56	26236.10	1138.86
103	2	10.75	0.15	7	-2.81	-39522.50	2591.65	-684.47	268.69	88.66	514.34
103	2	10.75	0.15	±	-2.81	4395.14	-1548.17	645.43	951.93	2616.63	838.40
103	2	10.75	0.15	8	-2.81	-39782.70	2523.95	-686.71	269.11	336.98	519.57
103	2	10.75	0.15	±	-2.81	5219.09	-1565.60	717.31	1060.83	3274.17	932.42
103	2	10.75	0.15	9	-2.81	-34304.20	3949.21	-639.63	260.15	-4890.41	409.63
103	2	10.75	0.15	±	-2.81	37912.70	14507.50	266.11	749.30	38715.30	592.48
103	2	10.75	0.15	10	-2.81	-34043.90	4016.92	-637.40	259.72	-5138.73	404.41
103	2	10.75	0.15	±	-2.81	41810.60	15995.80	295.01	828.25	42696.50	654.76
103	2	10.75	0.15	11	-2.81	-34304.20	3949.21	-639.63	260.15	-4890.41	409.63
103	2	10.75	0.15	±	-2.81	29232.60	12964.00	-133.12	101.56	30881.60	33.14
103	2	10.75	0.15	12	-2.81	-34043.90	4016.92	-637.40	259.72	-5138.73	404.41
103	2	10.75	0.15	±	-2.81	32033.20	14216.10	-148.56	107.53	33843.40	33.37
103	2	10.75	0.15	13	-2.81	-34304.20	3949.21	-639.63	260.15	-4890.41	409.63
103	2	10.75	0.15	±	-2.81	24538.70	6693.26	685.33	1207.19	23495.70	1026.08
103	2	10.75	0.15	14	-2.81	-34043.90	4016.92	-637.40	259.72	-5138.73	404.41
103	2	10.75	0.15	±	-2.81	27372.20	7497.95	761.25	1341.56	26236.10	1138.86
103	2	10.75	0.15	15	-2.81	-34304.20	3949.21	-639.63	260.15	-4890.41	409.63
103	2	10.75	0.15	±	-2.81	4395.14	-1548.17	645.43	951.93	2616.63	838.40
103	2	10.75	0.15	16	-2.81	-34043.90	4016.92	-637.40	259.72	-5138.73	404.41
103	2	10.75	0.15	±	-2.81	5219.09	-1565.60	717.31	1060.83	3274.17	932.42
103	2	10.75	0.15	17	-2.81	-58763.90	3806.56	-1044.18	373.90	195.03	758.31
103	2	10.75	0.15	18	-2.81	-50323.40	6978.22	-1026.49	472.88	-8509.33	674.33
103	2	10.75	0.15	19	-2.81	-53994.20	5352.94	-969.25	306.07	-4569.17	630.86
103	2	10.75	0.15	20	-2.81	-55093.10	5431.85	-1101.41	540.71	-3745.13	801.77
103	2	10.75	0.15	21	-2.81	-43342.00	2291.25	-730.44	245.07	1455.85	544.82
103	2	10.75	0.15	22	-2.81	-34901.50	5462.91	-712.75	344.06	-7248.50	460.84
103	2	10.75	0.15	23	-2.81	-38572.30	3837.62	-655.52	177.24	-3308.35	417.38
103	2	10.75	0.15	24	-2.81	-39671.30	3916.53	-787.67	411.89	-2484.30	588.29
103	2	10.75	0.15	25	-2.81	-41668.20	1831.35	-685.61	222.36	1830.38	514.03
103	2	10.75	0.15	26	-2.81	-33227.80	5003.01	-667.92	321.34	-6873.97	430.04
103	2	10.75	0.15	27	-2.81	-36898.50	3377.72	-610.69	154.53	-2933.82	386.58
103	2	10.75	0.15	28	-2.81	-37997.50	3456.63	-742.84	389.18	-2109.77	557.49
103	2	10.75	0.15	29	-2.81	-41133.60	1684.60	-670.90	214.93	1951.30	503.98
103	2	10.75	0.15	30	-2.81	-32693.10	4856.26	-653.21	313.91	-6753.05	420.00
103	2	10.75	0.15	31	-2.81	-36363.80	3230.98	-595.98	147.10	-2812.90	376.53
103	2	10.75	0.15	32	-2.81	-37462.80	3309.89	-728.13	381.74	-1988.85	547.44
103	2	10.75	0.15	1	-2.37	-39522.50	2591.65	-684.47	268.69	88.66	514.34
103	2	10.75	0.15	±	-2.37	37912.70	14507.50	266.11	749.30	38715.30	592.48
103	2	10.75	0.15	2	-2.37	-39782.70	2523.95	-686.71	269.11	336.98	519.57
103	2	10.75	0.15	±	-2.37	41810.60	15995.80	295.01	828.25	42696.50	654.76
103	2	10.75	0.15	3	-2.37	-39522.50	2591.65	-684.47	268.69	88.66	514.34
103	2	10.75	0.15	±	-2.37	29232.60	12964.00	-133.12	101.56	30881.60	33.14
103	2	10.75	0.15	4	-2.37	-39782.70	2523.95	-686.71	269.11	336.98	519.57
103	2	10.75	0.15	±	-2.37	32033.20	14216.10	-148.56	107.53	33843.40	33.37
103	2	10.75	0.15	5	-2.37	-39522.50	2591.65	-684.47	268.69	88.66	514.34
103	2	10.75	0.15	±	-2.37	24538.70	6693.26	685.33	1207.19	23495.70	1026.08
103	2	10.75	0.15	6	-2.37	-39782.70	2523.95	-686.71	269.11	336.98	519.57
103	2	10.75	0.15	±	-2.37	27372.20	7497.95	761.25	1341.56	26236.10	1138.86
103	2	10.75	0.15	7	-2.37	-39522.50	2591.65	-684.47	268.69	88.66	514.34
103	2	10.75	0.15	±	-2.37	4395.14	-1548.17	645.43	951.93	2616.63	838.40
103	2	10.75	0.15	8	-2.37	-39782.70	2523.95	-686.71	269.11	336.98	519.57
103	2	10.75	0.15	±	-2.37	5219.09	-1565.60	717.31	1060.83	3274.17	932.42
103	2	10.75	0.15	9	-2.37	-34304.20	3949.21	-639.63	260.15	-4890.41	409.63
103	2	10.75	0.15	±	-2.37	37912.70	14507.50	266.11	749.30	38715.30	592.48
103	2	10.75	0.15	10	-2.37	-34043.90	4016.92	-637.40	259.72	-5138.73	404.41
103	2	10.75	0.15	±	-2.37	41810.60	15995.80	295.01	828.25	42696.50	654.76
103	2	10.75	0.15	11	-2.37	-34304.20	3949.21	-639.63	260.15	-4890.41	409.63
103	2	10.75	0.15	±	-2.37	29232.60	12964.00	-133.12	101.56	30881.60	33.14
103	2	10.75	0.15	12	-2.37	-34043.90	4016.92	-637.40	259.72	-5138.73	404.41
103	2	10.75	0.15	±	-2.37	32033.20	14216.10	-148.56	107.53	33843.40	33.37
103	2	10.75	0.15	13	-2.37	-34304.20	3949.21	-639.63	260.15	-4890.41	409.63
103	2	10.75	0.15	±	-2.37	24538.70	6693.26	685.33	1207.19	23495.70	1026.08
103	2	10.75	0.15	14	-2.37	-34043.90	4016.92	-637.40	259.72	-5138.73	404.41
103	2	10.75	0.15	±	-2.37	27372.20	7497.95	761.25	1341.56	26236.10	1138.86
103	2	10.75	0.15	15	-2.37	-34304.20	3949.21	-639.63	260.15	-4890.41	409.63
103	2	10.75	0.15	±	-2.37	4395.14	-1548.17	645.43	951.93	2616.63	838.40
103	2	10.75	0.15	16	-2.37	-34043.90	4016.92	-637.40	259.72	-5138.73	404.41
103	2	10.75	0.15	±	-2.37	5219.09	-1565.60	717.31	1060.83	3274.17	932.42
103	2	10.75	0.15	17	-2.37	-58763.90	3806.56	-1044.18	373.90	195.03	758.31
103	2	10.75	0.15	18	-2.37	-50323.40	6978.22	-1026.49	472.88	-8509.33	674.33
103	2	10.75	0.15	19	-2.37	-53994.20	5352.94	-969.25	306.07	-4569.17	630.86
103	2	10.75	0.15	20	-2.37	-55093.10	5431.85	-1101.41	540.71	-3745.13	801.77
103	2	10.75	0.15	21	-2.37	-43342.00	2291.25	-730.44	245.07	1455.85	544.82
103	2	10.75	0.15	22	-2.37	-34901.50	5462.91	-712.75	344.06	-7248.50	460.84
103	2	10.75	0.15	23	-2.37	-38572.30	3837.62	-655.52	177.24	-3308.35	417.38

103	2	10.75	0.15	24	-2.37	-39671.30	3916.53	-787.67	411.89	-2484.30	588.29
103	2	10.75	0.15	25	-2.37	-41668.20	1831.35	-685.61	222.36	1830.38	514.03
103	2	10.75	0.15	26	-2.37	-33227.80	5003.01	-667.92	321.34	-6873.97	430.04
103	2	10.75	0.15	27	-2.37	-36898.50	3377.72	-610.69	154.53	-2933.82	386.58
103	2	10.75	0.15	28	-2.37	-37997.50	3456.63	-742.84	389.18	-2109.77	557.49
103	2	10.75	0.15	29	-2.37	-41133.60	1684.60	-670.90	214.93	1951.30	503.98
103	2	10.75	0.15	30	-2.37	-32693.10	4856.26	-653.21	313.91	-6753.05	420.00
103	2	10.75	0.15	31	-2.37	-36363.80	3230.98	-595.98	147.10	-2812.90	376.53
103	2	10.75	0.15	32	-2.37	-37462.80	3309.89	-728.13	381.74	-1988.85	547.44
103	3	10.75	0.15	1	-2.37	-40241.20	2927.79	-695.56	-18.00	-634.86	592.09
103	3	10.75	0.15	±	-2.37	33527.60	20066.00	176.62	732.54	45464.80	826.23
103	3	10.75	0.15	2	-2.37	-40473.00	2827.27	-697.17	-18.29	-346.90	599.12
103	3	10.75	0.15	±	-2.37	36972.20	22123.90	195.88	809.32	50137.40	913.03
103	3	10.75	0.15	3	-2.37	-40241.20	2927.79	-695.56	-18.00	-634.86	592.09
103	3	10.75	0.15	±	-2.37	25482.70	17540.00	-100.21	186.50	36316.20	53.79
103	3	10.75	0.15	4	-2.37	-40473.00	2827.27	-697.17	-18.29	-346.90	599.12
103	3	10.75	0.15	±	-2.37	27925.10	19233.40	-111.68	201.41	39802.00	54.93
103	3	10.75	0.15	5	-2.37	-40241.20	2927.79	-695.56	-18.00	-634.86	592.09
103	3	10.75	0.15	±	-2.37	22259.70	9850.86	472.83	1047.93	27514.90	1419.40
103	3	10.75	0.15	6	-2.37	-40473.00	2827.27	-697.17	-18.29	-346.90	599.12
103	3	10.75	0.15	±	-2.37	24813.00	11021.00	525.23	1164.79	30716.70	1575.36
103	3	10.75	0.15	7	-2.37	-40241.20	2927.79	-695.56	-18.00	-634.86	592.09
103	3	10.75	0.15	±	-2.37	4556.57	-1430.93	449.91	772.22	2980.57	1155.39
103	3	10.75	0.15	8	-2.37	-40473.00	2827.27	-697.17	-18.29	-346.90	599.12
103	3	10.75	0.15	±	-2.37	5343.86	-1386.16	499.97	861.57	3734.84	1284.97
103	3	10.75	0.15	9	-2.37	-35593.70	4943.15	-663.36	-12.15	-6408.50	451.27
103	3	10.75	0.15	±	-2.37	33527.60	20066.00	176.62	732.54	45464.80	826.23
103	3	10.75	0.15	10	-2.37	-35361.90	5043.66	-661.75	-11.86	-6696.45	444.25
103	3	10.75	0.15	±	-2.37	36972.20	22123.90	195.88	809.32	50137.40	913.03
103	3	10.75	0.15	11	-2.37	-35593.70	4943.15	-663.36	-12.15	-6408.50	451.27
103	3	10.75	0.15	±	-2.37	25482.70	17540.00	-100.21	186.50	36316.20	53.79
103	3	10.75	0.15	12	-2.37	-35361.90	5043.66	-661.75	-11.86	-6696.45	444.25
103	3	10.75	0.15	±	-2.37	27925.10	19233.40	-111.68	201.41	39802.00	54.93
103	3	10.75	0.15	13	-2.37	-35593.70	4943.15	-663.36	-12.15	-6408.50	451.27
103	3	10.75	0.15	±	-2.37	22259.70	9850.86	472.83	1047.93	27514.90	1419.40
103	3	10.75	0.15	14	-2.37	-35361.90	5043.66	-661.75	-11.86	-6696.45	444.25
103	3	10.75	0.15	±	-2.37	24813.00	11021.00	525.23	1164.79	30716.70	1575.36
103	3	10.75	0.15	15	-2.37	-35593.70	4943.15	-663.36	-12.15	-6408.50	451.27
103	3	10.75	0.15	±	-2.37	4556.57	-1430.93	449.91	772.22	2980.57	1155.39
103	3	10.75	0.15	16	-2.37	-35361.90	5043.66	-661.75	-11.86	-6696.45	444.25
103	3	10.75	0.15	±	-2.37	5343.86	-1386.16	499.97	861.57	3734.84	1284.97
103	3	10.75	0.15	17	-2.37	-59960.70	4293.85	-1066.12	-67.36	-866.40	867.38
103	3	10.75	0.15	18	-2.37	-52542.40	8710.37	-1056.01	40.64	-11064.80	749.91
103	3	10.75	0.15	19	-2.37	-55693.40	6508.83	-1015.30	-114.16	-6456.46	690.12
103	3	10.75	0.15	20	-2.37	-56809.70	6495.39	-1106.83	87.44	-5474.78	927.17
103	3	10.75	0.15	21	-2.37	-43998.80	2449.19	-745.05	-64.10	921.87	626.19
103	3	10.75	0.15	22	-2.37	-36580.60	6865.70	-734.95	43.90	-9276.57	508.72
103	3	10.75	0.15	23	-2.37	-39731.50	4664.17	-694.23	-110.90	-4668.19	448.93
103	3	10.75	0.15	24	-2.37	-40847.90	4650.73	-785.77	90.70	-3686.51	685.98
103	3	10.75	0.15	25	-2.37	-42201.00	1901.93	-699.46	-67.86	1417.78	591.67
103	3	10.75	0.15	26	-2.37	-34782.80	6318.44	-689.36	40.14	-8780.65	474.21
103	3	10.75	0.15	27	-2.37	-37933.70	4116.90	-648.64	-114.66	-4172.27	414.42
103	3	10.75	0.15	28	-2.37	-39050.10	4103.46	-740.17	86.94	-3190.59	651.47
103	3	10.75	0.15	29	-2.37	-41626.60	1727.21	-684.51	-69.08	1577.54	580.42
103	3	10.75	0.15	30	-2.37	-34208.30	6143.73	-674.41	38.92	-8620.89	462.95
103	3	10.75	0.15	31	-2.37	-37359.30	3942.19	-633.69	-115.88	-4012.52	403.16
103	3	10.75	0.15	32	-2.37	-38475.60	3928.75	-725.23	85.72	-3030.84	640.21
103	3	10.75	0.15	1	-1.93	-40241.20	2927.79	-695.56	-18.00	-634.86	592.09
103	3	10.75	0.15	±	-1.93	33527.60	20066.00	176.62	732.54	45464.80	826.23
103	3	10.75	0.15	2	-1.93	-40473.00	2827.27	-697.17	-18.29	-346.90	599.12
103	3	10.75	0.15	±	-1.93	36972.20	22123.90	195.88	809.32	50137.40	913.03
103	3	10.75	0.15	3	-1.93	-40241.20	2927.79	-695.56	-18.00	-634.86	592.09
103	3	10.75	0.15	±	-1.93	25482.70	17540.00	-100.21	186.50	36316.20	53.79
103	3	10.75	0.15	4	-1.93	-40473.00	2827.27	-697.17	-18.29	-346.90	599.12
103	3	10.75	0.15	±	-1.93	27925.10	19233.40	-111.68	201.41	39802.00	54.93
103	3	10.75	0.15	5	-1.93	-40241.20	2927.79	-695.56	-18.00	-634.86	592.09
103	3	10.75	0.15	±	-1.93	22259.70	9850.86	472.83	1047.93	27514.90	1419.40
103	3	10.75	0.15	6	-1.93	-40473.00	2827.27	-697.17	-18.29	-346.90	599.12
103	3	10.75	0.15	±	-1.93	24813.00	11021.00	525.23	1164.79	30716.70	1575.36
103	3	10.75	0.15	7	-1.93	-40241.20	2927.79	-695.56	-18.00	-634.86	592.09
103	3	10.75	0.15	±	-1.93	4556.57	-1430.93	449.91	772.22	2980.57	1155.39
103	3	10.75	0.15	8	-1.93	-40473.00	2827.27	-697.17	-18.29	-346.90	599.12
103	3	10.75	0.15	±	-1.93	5343.86	-1386.16	499.97	861.57	3734.84	1284.97
103	3	10.75	0.15	9	-1.93	-35593.70	4943.15	-663.36	-12.15	-6408.50	451.27
103	3	10.75	0.15	±	-1.93	33527.60	20066.00	176.62	732.54	45464.80	826.23
103	3	10.75	0.15	10	-1.93	-35361.90	5043.66	-661.75	-11.86	-6696.45	444.25
103	3	10.75	0.15	±	-1.93	36972.20	22123.90	195.88	809.32	50137.40	913.03
103	3	10.75	0.15	11	-1.93	-35593.70	4943.15	-663.36	-12.15	-6408.50	451.27
103	3	10.75	0.15	±	-1.93	25482.70	17540.00	-100.21	186.50	36316.20	53.79
103	3	10.75	0.15	12	-1.93	-35361.90	5043.66	-661.75	-11.86	-6696.45	444.25
103	3	10.75	0.15	±	-1.93	27925.10	19233.40	-111.68	201.41	39802.00	54.93
103	3	10.75	0.15	13	-1.93	-35593.70	4943.15	-663.36	-12.15	-6408.50	451.27

103	3	10.75	0.15	±	-1.93	22259.70	9850.86	472.83	1047.93	27514.90	1419.40
103	3	10.75	0.15	14	-1.93	-35361.90	5043.66	-661.75	-11.86	-6696.45	444.25
103	3	10.75	0.15	±	-1.93	24813.00	11021.00	525.23	1164.79	30716.70	1575.36
103	3	10.75	0.15	15	-1.93	-35593.70	4943.15	-663.36	-12.15	-6408.50	451.27
103	3	10.75	0.15	±	-1.93	4556.57	-1430.93	449.91	772.22	2980.57	1155.39
103	3	10.75	0.15	16	-1.93	-35361.90	5043.66	-661.75	-11.86	-6696.45	444.25
103	3	10.75	0.15	±	-1.93	5343.86	-1386.16	499.97	861.57	3734.84	1284.97
103	3	10.75	0.15	17	-1.93	-59960.70	4293.85	-1066.12	-67.36	-866.40	867.38
103	3	10.75	0.15	18	-1.93	-52542.40	8710.37	-1056.01	40.64	-11064.80	749.91
103	3	10.75	0.15	19	-1.93	-55693.40	6508.83	-1015.30	-114.16	-6456.46	690.12
103	3	10.75	0.15	20	-1.93	-56809.70	6495.39	-1106.83	87.44	-5474.78	927.17
103	3	10.75	0.15	21	-1.93	-43998.80	2449.19	-745.05	-64.10	921.87	626.19
103	3	10.75	0.15	22	-1.93	-36580.60	6865.70	-734.95	43.90	-9276.57	508.72
103	3	10.75	0.15	23	-1.93	-39731.50	4664.17	-694.23	-110.90	-4668.19	448.93
103	3	10.75	0.15	24	-1.93	-40847.90	4650.73	-785.77	90.70	-3686.51	685.98
103	3	10.75	0.15	25	-1.93	-42201.00	1901.93	-699.46	-67.86	1417.78	591.67
103	3	10.75	0.15	26	-1.93	-34782.80	6318.44	-689.36	40.14	-8780.65	474.21
103	3	10.75	0.15	27	-1.93	-37933.70	4116.90	-648.64	-114.66	-4172.27	414.42
103	3	10.75	0.15	28	-1.93	-39050.10	4103.46	-740.17	86.94	-3190.59	651.47
103	3	10.75	0.15	29	-1.93	-41626.60	1727.21	-684.51	-69.08	1577.54	580.42
103	3	10.75	0.15	30	-1.93	-34208.30	6143.73	-674.41	38.92	-8620.89	462.95
103	3	10.75	0.15	31	-1.93	-37359.30	3942.19	-633.69	-115.88	-4012.52	403.16
103	3	10.75	0.15	32	-1.93	-38475.60	3928.75	-725.23	85.72	-3030.84	640.21
103	4	10.75	0.15	1	-1.93	-41344.70	3611.33	-737.45	-316.41	-1741.79	665.16
103	4	10.75	0.15	±	-1.93	28751.50	27389.10	138.88	726.50	56831.90	1206.76
103	4	10.75	0.15	2	-1.93	-41545.40	3468.53	-737.81	-316.79	-1386.24	675.06
103	4	10.75	0.15	±	-1.93	31702.60	30198.00	153.53	802.68	62669.60	1333.20
103	4	10.75	0.15	3	-1.93	-41344.70	3611.33	-737.45	-316.41	-1741.79	665.16
103	4	10.75	0.15	±	-1.93	21339.20	23597.40	5.60	184.18	45454.10	135.73
103	4	10.75	0.15	4	-1.93	-41545.40	3468.53	-737.81	-316.79	-1386.24	675.06
103	4	10.75	0.15	±	-1.93	23385.30	25874.70	5.37	198.86	49820.40	143.38
103	4	10.75	0.15	5	-1.93	-41344.70	3611.33	-737.45	-316.41	-1741.79	665.16
103	4	10.75	0.15	±	-1.93	19867.40	13967.60	243.80	1040.47	34305.80	1986.42
103	4	10.75	0.15	6	-1.93	-41545.40	3468.53	-737.81	-316.79	-1386.24	675.06
103	4	10.75	0.15	±	-1.93	22125.40	15616.30	270.77	1156.60	38288.80	2204.51
103	4	10.75	0.15	7	-1.93	-41344.70	3611.33	-737.45	-316.41	-1741.79	665.16
103	4	10.75	0.15	±	-1.93	4840.16	-1328.39	200.46	767.27	3619.99	1583.68
103	4	10.75	0.15	8	-1.93	-41545.40	3468.53	-737.81	-316.79	-1386.24	675.06
103	4	10.75	0.15	±	-1.93	5599.06	-1205.47	223.09	856.14	4541.84	1761.54
103	4	10.75	0.15	9	-1.93	-37319.80	6474.50	-730.26	-308.85	-8870.91	466.68
103	4	10.75	0.15	±	-1.93	28751.50	27389.10	138.88	726.50	56831.90	1206.76
103	4	10.75	0.15	10	-1.93	-37119.10	6617.30	-729.90	-308.48	-9226.46	456.78
103	4	10.75	0.15	±	-1.93	31702.60	30198.00	153.53	802.68	62669.60	1333.20
103	4	10.75	0.15	11	-1.93	-37319.80	6474.50	-730.26	-308.85	-8870.91	466.68
103	4	10.75	0.15	±	-1.93	21339.20	23597.40	5.60	184.18	45454.10	135.73
103	4	10.75	0.15	12	-1.93	-37119.10	6617.30	-729.90	-308.48	-9226.46	456.78
103	4	10.75	0.15	±	-1.93	23385.30	25874.70	5.37	198.86	49820.40	143.38
103	4	10.75	0.15	13	-1.93	-37319.80	6474.50	-730.26	-308.85	-8870.91	466.68
103	4	10.75	0.15	±	-1.93	19867.40	13967.60	243.80	1040.47	34305.80	1986.42
103	4	10.75	0.15	14	-1.93	-37119.10	6617.30	-729.90	-308.48	-9226.46	456.78
103	4	10.75	0.15	±	-1.93	22125.40	15616.30	270.77	1156.60	38288.80	2204.51
103	4	10.75	0.15	15	-1.93	-37319.80	6474.50	-730.26	-308.85	-8870.91	466.68
103	4	10.75	0.15	±	-1.93	4840.16	-1328.39	200.46	767.27	3619.99	1583.68
103	4	10.75	0.15	16	-1.93	-37119.10	6617.30	-729.90	-308.48	-9226.46	456.78
103	4	10.75	0.15	±	-1.93	5599.06	-1205.47	223.09	856.14	4541.84	1761.54
103	4	10.75	0.15	17	-1.93	-61734.70	5289.22	-1136.51	-531.20	-2489.66	963.82
103	4	10.75	0.15	18	-1.93	-55437.40	11341.70	-1153.87	-424.63	-15209.20	786.07
103	4	10.75	0.15	19	-1.93	-58007.40	8377.21	-1121.53	-578.13	-9471.89	711.36
103	4	10.75	0.15	20	-1.93	-59164.60	8253.67	-1168.85	-377.70	-8226.94	1038.53
103	4	10.75	0.15	21	-1.93	-45061.60	2908.05	-789.59	-387.39	146.54	703.35
103	4	10.75	0.15	22	-1.93	-38764.30	8960.47	-806.96	-280.83	-12573.00	525.60
103	4	10.75	0.15	23	-1.93	-41334.40	5996.03	-774.62	-434.32	-6835.69	450.89
103	4	10.75	0.15	24	-1.93	-42491.50	5872.49	-821.94	-233.89	-5590.74	778.06
103	4	10.75	0.15	25	-1.93	-43105.90	2232.48	-741.07	-371.23	832.76	666.74
103	4	10.75	0.15	26	-1.93	-36808.60	8284.91	-758.44	-264.67	-11886.80	488.98
103	4	10.75	0.15	27	-1.93	-39378.70	5320.47	-726.10	-418.17	-6149.48	414.27
103	4	10.75	0.15	28	-1.93	-40535.80	5196.93	-773.41	-217.73	-4904.53	741.44
103	4	10.75	0.15	29	-1.93	-42480.90	2016.70	-725.17	-365.91	1053.41	654.80
103	4	10.75	0.15	30	-1.93	-36183.60	8069.13	-742.54	-259.35	-11666.10	477.05
103	4	10.75	0.15	31	-1.93	-38753.60	5104.68	-710.20	-412.85	-5928.82	402.34
103	4	10.75	0.15	32	-1.93	-39910.80	4981.15	-757.51	-212.42	-4683.87	729.51
103	4	10.75	0.15	1	-1.48	-41344.70	3611.33	-737.45	-316.41	-1741.79	665.16
103	4	10.75	0.15	±	-1.48	28751.50	27389.10	138.88	726.50	56831.90	1206.76
103	4	10.75	0.15	2	-1.48	-41545.40	3468.53	-737.81	-316.79	-1386.24	675.06
103	4	10.75	0.15	±	-1.48	31702.60	30198.00	153.53	802.68	62669.60	1333.20
103	4	10.75	0.15	3	-1.48	-41344.70	3611.33	-737.45	-316.41	-1741.79	665.16
103	4	10.75	0.15	±	-1.48	21339.20	23597.40	5.60	184.18	45454.10	135.73
103	4	10.75	0.15	4	-1.48	-41545.40	3468.53	-737.81	-316.79	-1386.24	675.06
103	4	10.75	0.15	±	-1.48	23385.30	25874.70	5.37	198.86	49820.40	143.38
103	4	10.75	0.15	5	-1.48	-41344.70	3611.33	-737.45	-316.41	-1741.79	665.16
103	4	10.75	0.15	±	-1.48	19867.40	13967.60	243.80	1040.47	34305.80	1986.42
103	4	10.75	0.15	6	-1.48	-41545.40	3468.53	-737.81	-316.79	-1386.24	675.06

103	4	10.75	0.15	±	-1.48	22125.40	15616.30	270.77	1156.60	38288.80	2204.51
103	4	10.75	0.15	7	-1.48	-41344.70	3611.33	-737.45	-316.41	-1741.79	665.16
103	4	10.75	0.15	±	-1.48	4840.16	-1328.39	200.46	767.27	3619.99	1583.68
103	4	10.75	0.15	8	-1.48	-41545.40	3468.53	-737.81	-316.79	-1386.24	675.06
103	4	10.75	0.15	±	-1.48	5599.06	-1205.47	223.09	856.14	4541.84	1761.54
103	4	10.75	0.15	9	-1.48	-37319.80	6474.50	-730.26	-308.85	-8870.91	466.68
103	4	10.75	0.15	±	-1.48	28751.50	27389.10	138.88	726.50	56831.90	1206.76
103	4	10.75	0.15	10	-1.48	-37119.10	6617.30	-729.90	-308.48	-9226.46	456.78
103	4	10.75	0.15	±	-1.48	31702.60	30198.00	153.53	802.68	62669.60	1333.20
103	4	10.75	0.15	11	-1.48	-37319.80	6474.50	-730.26	-308.85	-8870.91	466.68
103	4	10.75	0.15	±	-1.48	21339.20	23597.40	5.60	184.18	45454.10	135.73
103	4	10.75	0.15	12	-1.48	-37119.10	6617.30	-729.90	-308.48	-9226.46	456.78
103	4	10.75	0.15	±	-1.48	23385.30	25874.70	5.37	198.86	49820.40	143.38
103	4	10.75	0.15	13	-1.48	-37319.80	6474.50	-730.26	-308.85	-8870.91	466.68
103	4	10.75	0.15	±	-1.48	19867.40	13967.60	243.80	1040.47	34305.80	1986.42
103	4	10.75	0.15	14	-1.48	-37119.10	6617.30	-729.90	-308.48	-9226.46	456.78
103	4	10.75	0.15	±	-1.48	22125.40	15616.30	270.77	1156.60	38288.80	2204.51
103	4	10.75	0.15	15	-1.48	-37319.80	6474.50	-730.26	-308.85	-8870.91	466.68
103	4	10.75	0.15	±	-1.48	4840.16	-1328.39	200.46	767.27	3619.99	1583.68
103	4	10.75	0.15	16	-1.48	-37119.10	6617.30	-729.90	-308.48	-9226.46	456.78
103	4	10.75	0.15	±	-1.48	5599.06	-1205.47	223.09	856.14	4541.84	1761.54
103	4	10.75	0.15	17	-1.48	-61734.70	5289.22	-1136.51	-531.20	-2489.66	963.82
103	4	10.75	0.15	18	-1.48	-55437.40	11341.70	-1153.87	-424.63	-15209.20	786.07
103	4	10.75	0.15	19	-1.48	-58007.40	8377.21	-1121.53	-578.13	-9471.89	711.36
103	4	10.75	0.15	20	-1.48	-59164.60	8253.67	-1168.85	-377.70	-8226.94	1038.53
103	4	10.75	0.15	21	-1.48	-45061.60	2908.05	-789.59	-387.39	146.54	703.35
103	4	10.75	0.15	22	-1.48	-38764.30	8960.47	-806.96	-280.83	-12573.00	525.60
103	4	10.75	0.15	23	-1.48	-41334.40	5996.03	-774.62	-434.32	-6835.69	450.89
103	4	10.75	0.15	24	-1.48	-42491.50	5872.49	-821.94	-233.89	-5590.74	778.06
103	4	10.75	0.15	25	-1.48	-43105.90	2232.48	-741.07	-371.23	832.76	666.74
103	4	10.75	0.15	26	-1.48	-36808.60	8284.91	-758.44	-264.67	-11886.80	488.98
103	4	10.75	0.15	27	-1.48	-39378.70	5320.47	-726.10	-418.17	-6149.48	414.27
103	4	10.75	0.15	28	-1.48	-40535.80	5196.93	-773.41	-217.73	-4904.53	741.44
103	4	10.75	0.15	29	-1.48	-42480.90	2016.70	-725.17	-365.91	1053.41	654.80
103	4	10.75	0.15	30	-1.48	-36183.60	8069.13	-742.54	-259.35	-11666.10	477.05
103	4	10.75	0.15	31	-1.48	-38753.60	5104.68	-710.20	-412.85	-5928.82	402.34
103	4	10.75	0.15	32	-1.48	-39910.80	4981.15	-757.51	-212.42	-4683.87	729.51
103	5	10.75	0.15	1	-1.48	-42812.00	4756.07	-829.94	-656.81	-3697.74	745.00
103	5	10.75	0.15	±	-1.48	24576.20	36358.20	338.87	681.60	76495.30	1874.66
103	5	10.75	0.15	2	-1.48	-42985.50	4562.98	-828.07	-656.15	-3224.33	759.86
103	5	10.75	0.15	±	-1.48	27096.20	40085.70	373.49	753.87	84348.90	2070.40
103	5	10.75	0.15	3	-1.48	-42812.00	4756.07	-829.94	-656.81	-3697.74	745.00
103	5	10.75	0.15	±	-1.48	17538.30	31034.20	283.27	17.78	61225.20	333.56
103	5	10.75	0.15	4	-1.48	-42985.50	4562.98	-828.07	-656.15	-3224.33	759.86
103	5	10.75	0.15	±	-1.48	19219.80	34029.40	310.71	15.33	67110.50	358.34
103	5	10.75	0.15	5	-1.48	-42812.00	4756.07	-829.94	-656.81	-3697.74	745.00
103	5	10.75	0.15	±	-1.48	18047.10	18982.10	185.97	1211.27	46108.30	2899.73
103	5	10.75	0.15	6	-1.48	-42985.50	4562.98	-828.07	-656.15	-3224.33	759.86
103	5	10.75	0.15	±	-1.48	20074.60	21211.10	207.27	1346.28	51449.60	3217.75
103	5	10.75	0.15	7	-1.48	-42812.00	4756.07	-829.94	-656.81	-3697.74	745.00
103	5	10.75	0.15	±	-1.48	5412.74	-1235.63	-0.67	1001.45	4792.17	2237.27
103	5	10.75	0.15	8	-1.48	-42985.50	4562.98	-828.07	-656.15	-3224.33	759.86
103	5	10.75	0.15	±	-1.48	6179.84	-1023.42	2.01	1115.52	6011.80	2489.13
103	5	10.75	0.15	9	-1.48	-39331.90	8627.69	-867.45	-670.09	-13190.00	447.05
103	5	10.75	0.15	±	-1.48	24576.20	36358.20	338.87	681.60	76495.30	1874.66
103	5	10.75	0.15	10	-1.48	-39158.30	8820.78	-869.32	-670.75	-13663.40	432.19
103	5	10.75	0.15	±	-1.48	27096.20	40085.70	373.49	753.87	84348.90	2070.40
103	5	10.75	0.15	11	-1.48	-39331.90	8627.69	-867.45	-670.09	-13190.00	447.05
103	5	10.75	0.15	±	-1.48	17538.30	31034.20	283.27	17.78	61225.20	333.56
103	5	10.75	0.15	12	-1.48	-39158.30	8820.78	-869.32	-670.75	-13663.40	432.19
103	5	10.75	0.15	±	-1.48	19219.80	34029.40	310.71	15.33	67110.50	358.34
103	5	10.75	0.15	13	-1.48	-39331.90	8627.69	-867.45	-670.09	-13190.00	447.05
103	5	10.75	0.15	±	-1.48	18047.10	18982.10	185.97	1211.27	46108.30	2899.73
103	5	10.75	0.15	14	-1.48	-39158.30	8820.78	-869.32	-670.75	-13663.40	432.19
103	5	10.75	0.15	±	-1.48	20074.60	21211.10	207.27	1346.28	51449.60	3217.75
103	5	10.75	0.15	15	-1.48	-39331.90	8627.69	-867.45	-670.09	-13190.00	447.05
103	5	10.75	0.15	±	-1.48	5412.74	-1235.63	-0.67	1001.45	4792.17	2237.27
103	5	10.75	0.15	16	-1.48	-39158.30	8820.78	-869.32	-670.75	-13663.40	432.19
103	5	10.75	0.15	±	-1.48	6179.84	-1023.42	2.01	1115.52	6011.80	2489.13
103	5	10.75	0.15	17	-1.48	-64056.00	6960.10	-1283.43	-1064.27	-5358.92	1063.83
103	5	10.75	0.15	18	-1.48	-58760.50	15005.50	-1361.29	-985.64	-22441.80	774.26
103	5	10.75	0.15	19	-1.48	-60777.70	11114.50	-1324.41	-1143.97	-14754.00	686.09
103	5	10.75	0.15	20	-1.48	-62038.80	10851.10	-1320.31	-905.94	-13046.70	1151.99
103	5	10.75	0.15	21	-1.48	-46561.60	3783.09	-881.40	-754.34	-1218.43	791.91
103	5	10.75	0.15	22	-1.48	-41266.00	11828.50	-959.26	-675.71	-18301.30	502.34
103	5	10.75	0.15	23	-1.48	-43283.30	7937.51	-922.38	-834.04	-10613.50	414.17
103	5	10.75	0.15	24	-1.48	-44544.40	7674.07	-918.28	-596.01	-8906.21	880.07
103	5	10.75	0.15	25	-1.48	-44408.00	2938.89	-827.42	-715.51	-222.30	753.37
103	5	10.75	0.15	26	-1.48	-39112.40	10984.30	-905.28	-636.88	-17305.20	463.80
103	5	10.75	0.15	27	-1.48	-41129.70	7093.31	-868.40	-795.21	-9617.38	375.63
103	5	10.75	0.15	28	-1.48	-42390.80	6829.87	-864.30	-557.17	-7910.08	841.53
103	5	10.75	0.15	29	-1.48	-43719.70	2669.18	-809.76	-702.76	97.54	740.81

103	5	10.75	0.15	30	-1.48	-38424.20	10714.60	-887.62	-624.13	-16985.30	451.24
103	5	10.75	0.15	31	-1.48	-40441.40	6823.60	-850.74	-782.47	-9297.54	363.07
103	5	10.75	0.15	32	-1.48	-41702.50	6560.16	-846.64	-544.43	-7590.24	828.98
103	5	10.75	0.15	1	-1.04	-42812.00	4756.07	-829.94	-656.81	-3697.74	745.00
103	5	10.75	0.15	±	-1.04	24576.20	36358.20	338.87	681.60	76495.30	1874.66
103	5	10.75	0.15	2	-1.04	-42985.50	4562.98	-828.07	-656.15	-3224.33	759.86
103	5	10.75	0.15	±	-1.04	27096.20	40085.70	373.49	753.87	84348.90	2070.40
103	5	10.75	0.15	3	-1.04	-42812.00	4756.07	-829.94	-656.81	-3697.74	745.00
103	5	10.75	0.15	±	-1.04	17538.30	31034.20	283.27	17.78	61225.20	333.56
103	5	10.75	0.15	4	-1.04	-42985.50	4562.98	-828.07	-656.15	-3224.33	759.86
103	5	10.75	0.15	±	-1.04	19219.80	34029.40	310.71	15.33	67110.50	358.34
103	5	10.75	0.15	5	-1.04	-42812.00	4756.07	-829.94	-656.81	-3697.74	745.00
103	5	10.75	0.15	±	-1.04	18047.10	18982.10	185.97	1211.27	46108.30	2899.73
103	5	10.75	0.15	6	-1.04	-42985.50	4562.98	-828.07	-656.15	-3224.33	759.86
103	5	10.75	0.15	±	-1.04	20074.60	21211.10	207.27	1346.28	51449.60	3217.75
103	5	10.75	0.15	7	-1.04	-42812.00	4756.07	-829.94	-656.81	-3697.74	745.00
103	5	10.75	0.15	±	-1.04	5412.74	-1235.63	-0.67	1001.45	4792.17	2237.27
103	5	10.75	0.15	8	-1.04	-42985.50	4562.98	-828.07	-656.15	-3224.33	759.86
103	5	10.75	0.15	±	-1.04	6179.84	-1023.42	2.01	1115.52	6011.80	2489.13
103	5	10.75	0.15	9	-1.04	-39331.90	8627.69	-867.45	-670.09	-13190.00	447.05
103	5	10.75	0.15	±	-1.04	24576.20	36358.20	338.87	681.60	76495.30	1874.66
103	5	10.75	0.15	10	-1.04	-39158.30	8820.78	-869.32	-670.75	-13663.40	432.19
103	5	10.75	0.15	±	-1.04	27096.20	40085.70	373.49	753.87	84348.90	2070.40
103	5	10.75	0.15	11	-1.04	-39331.90	8627.69	-867.45	-670.09	-13190.00	447.05
103	5	10.75	0.15	±	-1.04	17538.30	31034.20	283.27	17.78	61225.20	333.56
103	5	10.75	0.15	12	-1.04	-39158.30	8820.78	-869.32	-670.75	-13663.40	432.19
103	5	10.75	0.15	±	-1.04	19219.80	34029.40	310.71	15.33	67110.50	358.34
103	5	10.75	0.15	13	-1.04	-39331.90	8627.69	-867.45	-670.09	-13190.00	447.05
103	5	10.75	0.15	±	-1.04	18047.10	18982.10	185.97	1211.27	46108.30	2899.73
103	5	10.75	0.15	14	-1.04	-39158.30	8820.78	-869.32	-670.75	-13663.40	432.19
103	5	10.75	0.15	±	-1.04	20074.60	21211.10	207.27	1346.28	51449.60	3217.75
103	5	10.75	0.15	15	-1.04	-39331.90	8627.69	-867.45	-670.09	-13190.00	447.05
103	5	10.75	0.15	±	-1.04	5412.74	-1235.63	-0.67	1001.45	4792.17	2237.27
103	5	10.75	0.15	16	-1.04	-39158.30	8820.78	-869.32	-670.75	-13663.40	432.19
103	5	10.75	0.15	±	-1.04	6179.84	-1023.42	2.01	1115.52	6011.80	2489.13
103	5	10.75	0.15	17	-1.04	-64056.00	6960.10	-1283.43	-1064.27	-5358.92	1063.83
103	5	10.75	0.15	18	-1.04	-58760.50	15005.50	-1361.29	-985.64	-22441.80	774.26
103	5	10.75	0.15	19	-1.04	-60777.70	11114.50	-1324.41	-1143.97	-14754.00	686.09
103	5	10.75	0.15	20	-1.04	-62038.80	10851.10	-1320.31	-905.94	-13046.70	1151.99
103	5	10.75	0.15	21	-1.04	-46561.60	3783.09	-881.40	-754.34	-1218.43	791.91
103	5	10.75	0.15	22	-1.04	-41266.00	11828.50	-959.26	-675.71	-18301.30	502.34
103	5	10.75	0.15	23	-1.04	-43283.30	7937.51	-922.38	-834.04	-10613.50	414.17
103	5	10.75	0.15	24	-1.04	-44544.40	7674.07	-918.28	-596.01	-8906.21	880.07
103	5	10.75	0.15	25	-1.04	-44408.00	2938.89	-827.42	-715.51	-222.30	753.37
103	5	10.75	0.15	26	-1.04	-39112.40	10984.30	-905.28	-636.88	-17305.20	463.80
103	5	10.75	0.15	27	-1.04	-41129.70	7093.31	-868.40	-795.21	-9617.38	375.63
103	5	10.75	0.15	28	-1.04	-42390.80	6829.87	-864.30	-557.17	-7910.08	841.53
103	5	10.75	0.15	29	-1.04	-43719.70	2669.18	-809.76	-702.76	97.54	740.81
103	5	10.75	0.15	30	-1.04	-38424.20	10714.60	-887.62	-624.13	-16985.30	451.24
103	5	10.75	0.15	31	-1.04	-40441.40	6823.60	-850.74	-782.47	-9297.54	363.07
103	5	10.75	0.15	32	-1.04	-41702.50	6560.16	-846.64	-544.43	-7590.24	828.98
103	6	10.75	0.15	1	-1.04	-44802.70	6231.11	-911.29	-1042.10	-6964.42	912.02
103	6	10.75	0.15	±	-1.04	22974.20	46283.20	926.78	572.62	111822.00	3032.54
103	6	10.75	0.15	2	-1.04	-44965.40	5985.24	-905.29	-1038.10	-6278.24	935.12
103	6	10.75	0.15	±	-1.04	25328.10	51025.70	1021.75	636.35	123298.00	3347.99
103	6	10.75	0.15	3	-1.04	-44802.70	6231.11	-911.29	-1042.10	-6964.42	912.02
103	6	10.75	0.15	±	-1.04	15647.80	39331.90	517.62	-448.43	89517.20	756.14
103	6	10.75	0.15	4	-1.04	-44965.40	5985.24	-905.29	-1038.10	-6278.24	935.12
103	6	10.75	0.15	±	-1.04	17147.10	43130.00	566.76	-498.54	98127.00	818.94
103	6	10.75	0.15	5	-1.04	-44802.70	6231.11	-911.29	-1042.10	-6964.42	912.02
103	6	10.75	0.15	±	-1.04	18004.00	24427.70	898.59	1720.37	67375.60	4362.30
103	6	10.75	0.15	6	-1.04	-44965.40	5985.24	-905.29	-1038.10	-6278.24	935.12
103	6	10.75	0.15	±	-1.04	20006.20	27282.80	996.59	1912.16	75164.80	4840.13
103	6	10.75	0.15	7	-1.04	-44802.70	6231.11	-911.29	-1042.10	-6964.42	912.02
103	6	10.75	0.15	±	-1.04	6417.38	-1256.81	465.27	1683.11	6973.85	3225.69
103	6	10.75	0.15	8	-1.04	-44965.40	5985.24	-905.29	-1038.10	-6278.24	935.12
103	6	10.75	0.15	±	-1.04	7263.67	-963.91	520.03	1870.81	8737.37	3590.05
103	6	10.75	0.15	9	-1.04	-41540.50	11160.90	-1031.56	-1122.34	-20722.80	448.91
103	6	10.75	0.15	±	-1.04	22974.20	46283.20	926.78	572.62	111822.00	3032.54
103	6	10.75	0.15	10	-1.04	-41377.80	11406.80	-1037.56	-1126.34	-21409.00	425.82
103	6	10.75	0.15	±	-1.04	25328.10	51025.70	1021.75	636.35	123298.00	3347.99
103	6	10.75	0.15	11	-1.04	-41540.50	11160.90	-1031.56	-1122.34	-20722.80	448.91
103	6	10.75	0.15	±	-1.04	15647.80	39331.90	517.62	-448.43	89517.20	756.14
103	6	10.75	0.15	12	-1.04	-41377.80	11406.80	-1037.56	-1126.34	-21409.00	425.82
103	6	10.75	0.15	±	-1.04	17147.10	43130.00	566.76	-498.54	98127.00	818.94
103	6	10.75	0.15	13	-1.04	-41540.50	11160.90	-1031.56	-1122.34	-20722.80	448.91
103	6	10.75	0.15	±	-1.04	18004.00	24427.70	898.59	1720.37	67375.60	4362.30
103	6	10.75	0.15	14	-1.04	-41377.80	11406.80	-1037.56	-1126.34	-21409.00	425.82
103	6	10.75	0.15	±	-1.04	20006.20	27282.80	996.59	1912.16	75164.80	4840.13
103	6	10.75	0.15	15	-1.04	-41540.50	11160.90	-1031.56	-1122.34	-20722.80	448.91
103	6	10.75	0.15	±	-1.04	6417.38	-1256.81	465.27	1683.11	6973.85	3225.69
103	6	10.75	0.15	16	-1.04	-41377.80	11406.80	-1037.56	-1126.34	-21409.00	425.82

103	6	10.75	0.15	±	-1.04	7263.67	-963.91	520.03	1870.81	8737.37	3590.05
103	6	10.75	0.15	17	-1.04	-67163.00	9110.83	-1418.06	-1673.30	-10138.00	1289.17
103	6	10.75	0.15	18	-1.04	-62307.80	19344.80	-1599.90	-1679.48	-35059.40	797.06
103	6	10.75	0.15	19	-1.04	-63998.40	14435.80	-1562.27	-1849.72	-23872.00	703.58
103	6	10.75	0.15	20	-1.04	-65472.30	14019.80	-1455.69	-1503.06	-21325.50	1382.65
103	6	10.75	0.15	21	-1.04	-48744.90	4962.31	-956.51	-1164.30	-3393.17	982.35
103	6	10.75	0.15	22	-1.04	-43889.60	15196.30	-1138.36	-1170.47	-28314.60	490.23
103	6	10.75	0.15	23	-1.04	-45580.30	10287.30	-1100.72	-1340.71	-17127.10	396.75
103	6	10.75	0.15	24	-1.04	-47054.20	9871.30	-994.14	-994.06	-14580.60	1075.83
103	6	10.75	0.15	25	-1.04	-46360.90	3914.00	-899.21	-1100.15	-1870.99	940.24
103	6	10.75	0.15	26	-1.04	-41505.70	14147.90	-1081.06	-1106.33	-26792.40	448.12
103	6	10.75	0.15	27	-1.04	-43196.40	9238.96	-1043.42	-1276.56	-15604.90	354.64
103	6	10.75	0.15	28	-1.04	-44670.30	8822.99	-936.85	-929.91	-13058.40	1033.72
103	6	10.75	0.15	29	-1.04	-45599.20	3579.03	-880.50	-1079.13	-1382.90	926.52
103	6	10.75	0.15	30	-1.04	-40744.00	13813.00	-1062.35	-1085.31	-26304.30	434.41
103	6	10.75	0.15	31	-1.04	-42434.70	8903.99	-1024.71	-1255.55	-15116.80	340.93
103	6	10.75	0.15	32	-1.04	-43908.60	8488.03	-918.14	-908.89	-12570.40	1020.01
103	6	10.75	0.15	1	-0.60	-44802.70	6231.11	-911.29	-1042.10	-6964.42	912.02
103	6	10.75	0.15	±	-0.60	22974.20	46283.20	926.78	572.62	111822.00	3032.54
103	6	10.75	0.15	2	-0.60	-44965.40	5985.24	-905.29	-1038.10	-6278.24	935.12
103	6	10.75	0.15	±	-0.60	25328.10	51025.70	1021.75	636.35	123298.00	3347.99
103	6	10.75	0.15	3	-0.60	-44802.70	6231.11	-911.29	-1042.10	-6964.42	912.02
103	6	10.75	0.15	±	-0.60	15647.80	39331.90	517.62	-448.43	89517.20	756.14
103	6	10.75	0.15	4	-0.60	-44965.40	5985.24	-905.29	-1038.10	-6278.24	935.12
103	6	10.75	0.15	±	-0.60	17147.10	43130.00	566.76	-498.54	98127.00	818.94
103	6	10.75	0.15	5	-0.60	-44802.70	6231.11	-911.29	-1042.10	-6964.42	912.02
103	6	10.75	0.15	±	-0.60	18004.00	24427.70	898.59	1720.37	67375.60	4362.30
103	6	10.75	0.15	6	-0.60	-44965.40	5985.24	-905.29	-1038.10	-6278.24	935.12
103	6	10.75	0.15	±	-0.60	20006.20	27282.80	996.59	1912.16	75164.80	4840.13
103	6	10.75	0.15	7	-0.60	-44802.70	6231.11	-911.29	-1042.10	-6964.42	912.02
103	6	10.75	0.15	±	-0.60	6417.38	-1256.81	465.27	1683.11	6973.85	3225.69
103	6	10.75	0.15	8	-0.60	-44965.40	5985.24	-905.29	-1038.10	-6278.24	935.12
103	6	10.75	0.15	±	-0.60	7263.67	-963.91	520.03	1870.81	8737.37	3590.05
103	6	10.75	0.15	9	-0.60	-41540.50	11160.90	-1031.56	-1122.34	-20722.80	448.91
103	6	10.75	0.15	±	-0.60	22974.20	46283.20	926.78	572.62	111822.00	3032.54
103	6	10.75	0.15	10	-0.60	-41377.80	11406.80	-1037.56	-1126.34	-21409.00	425.82
103	6	10.75	0.15	±	-0.60	25328.10	51025.70	1021.75	636.35	123298.00	3347.99
103	6	10.75	0.15	11	-0.60	-41540.50	11160.90	-1031.56	-1122.34	-20722.80	448.91
103	6	10.75	0.15	±	-0.60	15647.80	39331.90	517.62	-448.43	89517.20	756.14
103	6	10.75	0.15	12	-0.60	-41377.80	11406.80	-1037.56	-1126.34	-21409.00	425.82
103	6	10.75	0.15	±	-0.60	17147.10	43130.00	566.76	-498.54	98127.00	818.94
103	6	10.75	0.15	13	-0.60	-41540.50	11160.90	-1031.56	-1122.34	-20722.80	448.91
103	6	10.75	0.15	±	-0.60	18004.00	24427.70	898.59	1720.37	67375.60	4362.30
103	6	10.75	0.15	14	-0.60	-41377.80	11406.80	-1037.56	-1126.34	-21409.00	425.82
103	6	10.75	0.15	±	-0.60	20006.20	27282.80	996.59	1912.16	75164.80	4840.13
103	6	10.75	0.15	15	-0.60	-41540.50	11160.90	-1031.56	-1122.34	-20722.80	448.91
103	6	10.75	0.15	±	-0.60	6417.38	-1256.81	465.27	1683.11	6973.85	3225.69
103	6	10.75	0.15	16	-0.60	-41377.80	11406.80	-1037.56	-1126.34	-21409.00	425.82
103	6	10.75	0.15	±	-0.60	7263.67	-963.91	520.03	1870.81	8737.37	3590.05
103	6	10.75	0.15	17	-0.60	-67163.00	9110.83	-1418.06	-1673.30	-10138.00	1289.17
103	6	10.75	0.15	18	-0.60	-62307.80	19344.80	-1599.90	-1679.48	-35059.40	797.06
103	6	10.75	0.15	19	-0.60	-63998.40	14435.80	-1562.27	-1849.72	-23872.00	703.58
103	6	10.75	0.15	20	-0.60	-65472.30	14019.80	-1455.69	-1503.06	-21325.50	1382.65
103	6	10.75	0.15	21	-0.60	-48744.90	4962.31	-956.51	-1164.30	-3393.17	982.35
103	6	10.75	0.15	22	-0.60	-43889.60	15196.30	-1138.36	-1170.47	-28314.60	490.23
103	6	10.75	0.15	23	-0.60	-45580.30	10287.30	-1100.72	-1340.71	-17127.10	396.75
103	6	10.75	0.15	24	-0.60	-47054.20	9871.30	-994.14	-994.06	-14580.60	1075.83
103	6	10.75	0.15	25	-0.60	-46360.90	3914.00	-899.21	-1100.15	-1870.99	940.24
103	6	10.75	0.15	26	-0.60	-41505.70	14147.90	-1081.06	-1106.33	-26792.40	448.12
103	6	10.75	0.15	27	-0.60	-43196.40	9238.96	-1043.42	-1276.56	-15604.90	354.64
103	6	10.75	0.15	28	-0.60	-44670.30	8822.99	-936.85	-929.91	-13058.40	1033.72
103	6	10.75	0.15	29	-0.60	-45599.20	3579.03	-880.50	-1079.13	-1382.90	926.52
103	6	10.75	0.15	30	-0.60	-40744.00	13813.00	-1062.35	-1085.31	-26304.30	434.41
103	6	10.75	0.15	31	-0.60	-42434.70	8903.99	-1024.71	-1255.55	-15116.80	340.93
103	6	10.75	0.15	32	-0.60	-43908.60	8488.03	-918.14	-908.89	-12570.40	1020.01
103	7	10.75	0.15	1	-0.60	-49564.60	9337.98	-606.60	-1356.08	-10706.10	971.36
103	7	10.75	0.15	±	-0.60	16776.40	45665.90	94.39	1072.25	164207.00	2753.69
103	7	10.75	0.15	2	-0.60	-49683.20	9112.27	-605.49	-1347.91	-9710.41	994.36
103	7	10.75	0.15	±	-0.60	18495.20	50337.70	104.10	1187.91	181050.00	3040.51
103	7	10.75	0.15	3	-0.60	-49564.60	9337.98	-606.60	-1356.08	-10706.10	971.36
103	7	10.75	0.15	±	-0.60	10034.70	39447.30	79.16	-407.20	131605.00	638.20
103	7	10.75	0.15	4	-0.60	-49683.20	9112.27	-605.49	-1347.91	-9710.41	994.36
103	7	10.75	0.15	±	-0.60	10990.90	43265.90	86.76	-455.96	144273.00	690.03
103	7	10.75	0.15	5	-0.60	-49564.60	9337.98	-606.60	-1356.08	-10706.10	971.36
103	7	10.75	0.15	±	-0.60	15257.80	23131.30	51.41	2565.50	98708.10	4034.59
103	7	10.75	0.15	6	-0.60	-49683.20	9112.27	-605.49	-1347.91	-9710.41	994.36
103	7	10.75	0.15	±	-0.60	16930.20	25827.00	57.53	2849.59	110094.00	4477.04
103	7	10.75	0.15	7	-0.60	-49564.60	9337.98	-606.60	-1356.08	-10706.10	971.36
103	7	10.75	0.15	±	-0.60	7214.47	-2402.62	-0.66	2365.98	9964.33	3017.03
103	7	10.75	0.15	8	-0.60	-49683.20	9112.27	-605.49	-1347.91	-9710.41	994.36
103	7	10.75	0.15	±	-0.60	8084.33	-2254.13	0.27	2630.00	12497.10	3357.88
103	7	10.75	0.15	9	-0.60	-47186.10	13863.60	-628.79	-1519.86	-30670.00	510.09

103	7	10.75	0.15	±	-0.60	16776.40	45665.90	94.39	1072.25	164207.00	2753.69
103	7	10.75	0.15	10	-0.60	-47067.50	14089.30	-629.89	-1528.03	-31665.60	487.08
103	7	10.75	0.15	±	-0.60	18495.20	50337.70	104.10	1187.91	181050.00	3040.51
103	7	10.75	0.15	11	-0.60	-47186.10	13863.60	-628.79	-1519.86	-30670.00	510.09
103	7	10.75	0.15	±	-0.60	10034.70	39447.30	79.16	-407.20	131605.00	638.20
103	7	10.75	0.15	12	-0.60	-47067.50	14089.30	-629.89	-1528.03	-31665.60	487.08
103	7	10.75	0.15	±	-0.60	10990.90	43265.90	86.76	-455.96	144273.00	690.03
103	7	10.75	0.15	13	-0.60	-47186.10	13863.60	-628.79	-1519.86	-30670.00	510.09
103	7	10.75	0.15	±	-0.60	15257.80	23131.30	51.41	2565.50	98708.10	4034.59
103	7	10.75	0.15	14	-0.60	-47067.50	14089.30	-629.89	-1528.03	-31665.60	487.08
103	7	10.75	0.15	±	-0.60	16930.20	25827.00	57.53	2849.59	110094.00	4477.04
103	7	10.75	0.15	15	-0.60	-47186.10	13863.60	-628.79	-1519.86	-30670.00	510.09
103	7	10.75	0.15	±	-0.60	7214.47	-2402.62	-0.66	2365.98	9964.33	3017.03
103	7	10.75	0.15	16	-0.60	-47067.50	14089.30	-629.89	-1528.03	-31665.60	487.08
103	7	10.75	0.15	±	-0.60	8084.33	-2254.13	0.27	2630.00	12497.10	3357.88
103	7	10.75	0.15	17	-0.60	-74428.60	13662.90	-967.93	-2185.07	-15493.50	1333.02
103	7	10.75	0.15	18	-0.60	-71069.20	23699.20	-943.53	-2279.21	-51997.30	892.06
103	7	10.75	0.15	19	-0.60	-71941.20	18826.10	-954.70	-2475.42	-35641.00	801.24
103	7	10.75	0.15	20	-0.60	-73556.60	18536.00	-956.76	-1988.85	-31849.90	1423.84
103	7	10.75	0.15	21	-0.60	-53668.60	8094.93	-682.75	-1509.04	-5459.08	996.13
103	7	10.75	0.15	22	-0.60	-50309.30	18131.30	-658.34	-1603.18	-41962.90	555.17
103	7	10.75	0.15	23	-0.60	-51181.30	13258.10	-669.51	-1799.39	-25606.60	464.35
103	7	10.75	0.15	24	-0.60	-52796.70	12968.10	-671.58	-1312.83	-21815.40	1086.95
103	7	10.75	0.15	25	-0.60	-50929.30	6949.05	-642.92	-1420.03	-3169.58	969.68
103	7	10.75	0.15	26	-0.60	-47569.90	16985.40	-618.51	-1514.17	-39673.40	528.72
103	7	10.75	0.15	27	-0.60	-48441.90	12112.20	-629.68	-1710.38	-23317.10	437.90
103	7	10.75	0.15	28	-0.60	-50057.30	11822.20	-631.75	-1223.82	-19525.90	1060.50
103	7	10.75	0.15	29	-0.60	-50055.00	6582.58	-629.90	-1390.90	-2436.11	961.20
103	7	10.75	0.15	30	-0.60	-46695.70	16619.00	-605.49	-1485.04	-38939.90	520.24
103	7	10.75	0.15	31	-0.60	-47567.70	11745.80	-616.66	-1681.25	-22583.60	429.42
103	7	10.75	0.15	32	-0.60	-49183.10	11455.80	-618.73	-1194.69	-18792.50	1052.02
103	7	10.75	0.15	1	-0.16	-49564.60	9337.98	-606.60	-1356.08	-10706.10	971.36
103	7	10.75	0.15	±	-0.16	16776.40	45665.90	94.39	1072.25	164207.00	2753.69
103	7	10.75	0.15	2	-0.16	-49683.20	9112.27	-605.49	-1347.91	-9710.41	994.36
103	7	10.75	0.15	±	-0.16	18495.20	50337.70	104.10	1187.91	181050.00	3040.51
103	7	10.75	0.15	3	-0.16	-49564.60	9337.98	-606.60	-1356.08	-10706.10	971.36
103	7	10.75	0.15	±	-0.16	10034.70	39447.30	79.16	-407.20	131605.00	638.20
103	7	10.75	0.15	4	-0.16	-49683.20	9112.27	-605.49	-1347.91	-9710.41	994.36
103	7	10.75	0.15	±	-0.16	10990.90	43265.90	86.76	-455.96	144273.00	690.03
103	7	10.75	0.15	5	-0.16	-49564.60	9337.98	-606.60	-1356.08	-10706.10	971.36
103	7	10.75	0.15	±	-0.16	15257.80	23131.30	51.41	2565.50	98708.10	4034.59
103	7	10.75	0.15	6	-0.16	-49683.20	9112.27	-605.49	-1347.91	-9710.41	994.36
103	7	10.75	0.15	±	-0.16	16930.20	25827.00	57.53	2849.59	110094.00	4477.04
103	7	10.75	0.15	7	-0.16	-49564.60	9337.98	-606.60	-1356.08	-10706.10	971.36
103	7	10.75	0.15	±	-0.16	7214.47	-2402.62	-0.66	2365.98	9964.33	3017.03
103	7	10.75	0.15	8	-0.16	-49683.20	9112.27	-605.49	-1347.91	-9710.41	994.36
103	7	10.75	0.15	±	-0.16	8084.33	-2254.13	0.27	2630.00	12497.10	3357.88
103	7	10.75	0.15	9	-0.16	-47186.10	13863.60	-628.79	-1519.86	-30670.00	510.09
103	7	10.75	0.15	±	-0.16	16776.40	45665.90	94.39	1072.25	164207.00	2753.69
103	7	10.75	0.15	10	-0.16	-47067.50	14089.30	-629.89	-1528.03	-31665.60	487.08
103	7	10.75	0.15	±	-0.16	18495.20	50337.70	104.10	1187.91	181050.00	3040.51
103	7	10.75	0.15	11	-0.16	-47186.10	13863.60	-628.79	-1519.86	-30670.00	510.09
103	7	10.75	0.15	±	-0.16	10034.70	39447.30	79.16	-407.20	131605.00	638.20
103	7	10.75	0.15	12	-0.16	-47067.50	14089.30	-629.89	-1528.03	-31665.60	487.08
103	7	10.75	0.15	±	-0.16	10990.90	43265.90	86.76	-455.96	144273.00	690.03
103	7	10.75	0.15	13	-0.16	-47186.10	13863.60	-628.79	-1519.86	-30670.00	510.09
103	7	10.75	0.15	±	-0.16	15257.80	23131.30	51.41	2565.50	98708.10	4034.59
103	7	10.75	0.15	14	-0.16	-47067.50	14089.30	-629.89	-1528.03	-31665.60	487.08
103	7	10.75	0.15	±	-0.16	16930.20	25827.00	57.53	2849.59	110094.00	4477.04
103	7	10.75	0.15	15	-0.16	-47186.10	13863.60	-628.79	-1519.86	-30670.00	510.09
103	7	10.75	0.15	±	-0.16	7214.47	-2402.62	-0.66	2365.98	9964.33	3017.03
103	7	10.75	0.15	16	-0.16	-47067.50	14089.30	-629.89	-1528.03	-31665.60	487.08
103	7	10.75	0.15	±	-0.16	8084.33	-2254.13	0.27	2630.00	12497.10	3357.88
103	7	10.75	0.15	17	-0.16	-74428.60	13662.90	-967.93	-2185.07	-15493.50	1333.02
103	7	10.75	0.15	18	-0.16	-71069.20	23699.20	-943.53	-2279.21	-51997.30	892.06
103	7	10.75	0.15	19	-0.16	-71941.20	18826.10	-954.70	-2475.42	-35641.00	801.24
103	7	10.75	0.15	20	-0.16	-73556.60	18536.00	-956.76	-1988.85	-31849.90	1423.84
103	7	10.75	0.15	21	-0.16	-53668.60	8094.93	-682.75	-1509.04	-5459.08	996.13
103	7	10.75	0.15	22	-0.16	-50309.30	18131.30	-658.34	-1603.18	-41962.90	555.17
103	7	10.75	0.15	23	-0.16	-51181.30	13258.10	-669.51	-1799.39	-25606.60	464.35
103	7	10.75	0.15	24	-0.16	-52796.70	12968.10	-671.58	-1312.83	-21815.40	1086.95
103	7	10.75	0.15	25	-0.16	-50929.30	6949.05	-642.92	-1420.03	-3169.58	969.68
103	7	10.75	0.15	26	-0.16	-47569.90	16985.40	-618.51	-1514.17	-39673.40	528.72
103	7	10.75	0.15	27	-0.16	-48441.90	12112.20	-629.68	-1710.38	-23317.10	437.90
103	7	10.75	0.15	28	-0.16	-50057.30	11822.20	-631.75	-1223.82	-19525.90	1060.50
103	7	10.75	0.15	29	-0.16	-50055.00	6582.58	-629.90	-1390.90	-2436.11	961.20
103	7	10.75	0.15	30	-0.16	-46695.70	16619.00	-605.49	-1485.04	-38939.90	520.24
103	7	10.75	0.15	31	-0.16	-47567.70	11745.80	-616.66	-1681.25	-22583.60	429.42
103	7	10.75	0.15	32	-0.16	-49183.10	11455.80	-618.73	-1194.69	-18792.50	1052.02
103	8	10.75	0.15	1	-0.16	-46496.40	2497.02	-1254.63	2174.48	-10911.60	614.45
103	8	10.75	0.15	±	-0.16	6851.24	62873.20	1410.02	2957.15	236902.00	732.32
103	8	10.75	0.15	2	-0.16	-46553.80	2977.66	-1266.54	2200.98	-9495.96	628.55

103	8	10.75	0.15	±	-0.16	7561.62	69358.60	1560.96	3275.67	261185.00	816.37
103	8	10.75	0.15	3	-0.16	-46496.40	2497.02	-1254.63	2174.48	-10911.60	614.45
103	8	10.75	0.15	±	-0.16	2113.94	45219.90	-380.19	-1096.06	190029.00	500.28
103	8	10.75	0.15	4	-0.16	-46553.80	2977.66	-1266.54	2200.98	-9495.96	628.55
103	8	10.75	0.15	±	-0.16	2298.48	49518.50	-427.85	-1227.41	208336.00	539.17
103	8	10.75	0.15	5	-0.16	-46496.40	2497.02	-1254.63	2174.48	-10911.60	614.45
103	8	10.75	0.15	±	-0.16	9240.27	45636.20	3138.16	7034.52	142160.00	571.63
103	8	10.75	0.15	6	-0.16	-46553.80	2977.66	-1266.54	2200.98	-9495.96	628.55
103	8	10.75	0.15	±	-0.16	10250.90	50898.30	3484.65	7812.38	158508.00	665.33
103	8	10.75	0.15	7	-0.16	-46496.40	2497.02	-1254.63	2174.48	-10911.60	614.45
103	8	10.75	0.15	±	-0.16	6550.72	13208.30	2829.21	6476.19	14080.90	201.85
103	8	10.75	0.15	8	-0.16	-46553.80	2977.66	-1266.54	2200.98	-9495.96	628.55
103	8	10.75	0.15	±	-0.16	7292.89	15235.20	3144.72	7197.90	17652.10	258.67
103	8	10.75	0.15	9	-0.16	-45345.50	-7140.28	-1015.90	1643.08	-39296.40	331.66
103	8	10.75	0.15	±	-0.16	6851.24	62873.20	1410.02	2957.15	236902.00	732.32
103	8	10.75	0.15	10	-0.16	-45288.10	-7620.92	-1003.99	1616.58	-40712.00	317.55
103	8	10.75	0.15	±	-0.16	7561.62	69358.60	1560.96	3275.67	261185.00	816.37
103	8	10.75	0.15	11	-0.16	-45345.50	-7140.28	-1015.90	1643.08	-39296.40	331.66
103	8	10.75	0.15	±	-0.16	2113.94	45219.90	-380.19	-1096.06	190029.00	500.28
103	8	10.75	0.15	12	-0.16	-45288.10	-7620.92	-1003.99	1616.58	-40712.00	317.55
103	8	10.75	0.15	±	-0.16	2298.48	49518.50	-427.85	-1227.41	208336.00	539.17
103	8	10.75	0.15	13	-0.16	-45345.50	-7140.28	-1015.90	1643.08	-39296.40	331.66
103	8	10.75	0.15	±	-0.16	9240.27	45636.20	3138.16	7034.52	142160.00	571.63
103	8	10.75	0.15	14	-0.16	-45288.10	-7620.92	-1003.99	1616.58	-40712.00	317.55
103	8	10.75	0.15	±	-0.16	10250.90	50898.30	3484.65	7812.38	158508.00	665.33
103	8	10.75	0.15	15	-0.16	-45345.50	-7140.28	-1015.90	1643.08	-39296.40	331.66
103	8	10.75	0.15	±	-0.16	6550.72	13208.30	2829.21	6476.19	14080.90	201.85
103	8	10.75	0.15	16	-0.16	-45288.10	-7620.92	-1003.99	1616.58	-40712.00	317.55
103	8	10.75	0.15	±	-0.16	7292.89	15235.20	3144.72	7197.90	17652.10	258.67
103	8	10.75	0.15	17	-0.16	-69614.40	3391.19	-1905.94	3182.00	-15097.60	716.57
103	8	10.75	0.15	18	-0.16	-68501.80	-10847.00	-1765.20	2918.81	-67613.80	869.46
103	8	10.75	0.15	19	-0.16	-68388.40	-5088.01	-1545.79	2394.65	-44156.30	816.51
103	8	10.75	0.15	20	-0.16	-69727.80	-2367.85	-2125.35	3706.16	-38555.10	769.52
103	8	10.75	0.15	21	-0.16	-50065.80	4575.79	-1351.82	2268.42	-2817.72	474.77
103	8	10.75	0.15	22	-0.16	-48953.30	-9662.45	-1211.07	2005.22	-55333.90	627.67
103	8	10.75	0.15	23	-0.16	-48839.80	-3903.41	-991.67	1481.06	-31876.40	574.71
103	8	10.75	0.15	24	-0.16	-50179.30	-1183.25	-1571.23	2792.58	-26275.20	527.73
103	8	10.75	0.15	25	-0.16	-47340.80	4742.48	-1242.03	2096.68	194.81	415.94
103	8	10.75	0.15	26	-0.16	-46228.30	-9495.76	-1101.28	1833.48	-52321.40	568.84
103	8	10.75	0.15	27	-0.16	-46114.80	-3736.72	-881.88	1309.32	-28863.90	515.88
103	8	10.75	0.15	28	-0.16	-47454.30	-1016.56	-1461.43	2620.84	-23262.70	468.90
103	8	10.75	0.15	29	-0.16	-46477.20	4797.49	-1205.64	2040.38	1154.11	396.60
103	8	10.75	0.15	30	-0.16	-45364.70	-9440.75	-1064.89	1777.18	-51362.10	549.50
103	8	10.75	0.15	31	-0.16	-45251.20	-3681.71	-845.49	1253.02	-27904.60	496.54
103	8	10.75	0.15	32	-0.16	-46590.70	-961.55	-1425.05	2564.54	-22303.40	449.56
103	8	10.75	0.15	1	0.34	-46496.40	2497.02	-1254.63	2174.48	-10911.60	614.45
103	8	10.75	0.15	±	0.34	6851.24	62873.20	1410.02	2957.15	236902.00	732.32
103	8	10.75	0.15	2	0.34	-46553.80	2977.66	-1266.54	2200.98	-9495.96	628.55
103	8	10.75	0.15	±	0.34	7561.62	69358.60	1560.96	3275.67	261185.00	816.37
103	8	10.75	0.15	3	0.34	-46496.40	2497.02	-1254.63	2174.48	-10911.60	614.45
103	8	10.75	0.15	±	0.34	2113.94	45219.90	-380.19	-1096.06	190029.00	500.28
103	8	10.75	0.15	4	0.34	-46553.80	2977.66	-1266.54	2200.98	-9495.96	628.55
103	8	10.75	0.15	±	0.34	2298.48	49518.50	-427.85	-1227.41	208336.00	539.17
103	8	10.75	0.15	5	0.34	-46496.40	2497.02	-1254.63	2174.48	-10911.60	614.45
103	8	10.75	0.15	±	0.34	9240.27	45636.20	3138.16	7034.52	142160.00	571.63
103	8	10.75	0.15	6	0.34	-46553.80	2977.66	-1266.54	2200.98	-9495.96	628.55
103	8	10.75	0.15	±	0.34	10250.90	50898.30	3484.65	7812.38	158508.00	665.33
103	8	10.75	0.15	7	0.34	-46496.40	2497.02	-1254.63	2174.48	-10911.60	614.45
103	8	10.75	0.15	±	0.34	6550.72	13208.30	2829.21	6476.19	14080.90	201.85
103	8	10.75	0.15	8	0.34	-46553.80	2977.66	-1266.54	2200.98	-9495.96	628.55
103	8	10.75	0.15	±	0.34	7292.89	15235.20	3144.72	7197.90	17652.10	258.67
103	8	10.75	0.15	9	0.34	-45345.50	-7140.28	-1015.90	1643.08	-39296.40	331.66
103	8	10.75	0.15	±	0.34	6851.24	62873.20	1410.02	2957.15	236902.00	732.32
103	8	10.75	0.15	10	0.34	-45288.10	-7620.92	-1003.99	1616.58	-40712.00	317.55
103	8	10.75	0.15	±	0.34	7561.62	69358.60	1560.96	3275.67	261185.00	816.37
103	8	10.75	0.15	11	0.34	-45345.50	-7140.28	-1015.90	1643.08	-39296.40	331.66
103	8	10.75	0.15	±	0.34	2113.94	45219.90	-380.19	-1096.06	190029.00	500.28
103	8	10.75	0.15	12	0.34	-45288.10	-7620.92	-1003.99	1616.58	-40712.00	317.55
103	8	10.75	0.15	±	0.34	2298.48	49518.50	-427.85	-1227.41	208336.00	539.17
103	8	10.75	0.15	13	0.34	-45345.50	-7140.28	-1015.90	1643.08	-39296.40	331.66
103	8	10.75	0.15	±	0.34	9240.27	45636.20	3138.16	7034.52	142160.00	571.63
103	8	10.75	0.15	14	0.34	-45288.10	-7620.92	-1003.99	1616.58	-40712.00	317.55
103	8	10.75	0.15	±	0.34	10250.90	50898.30	3484.65	7812.38	158508.00	665.33
103	8	10.75	0.15	15	0.34	-45345.50	-7140.28	-1015.90	1643.08	-39296.40	331.66
103	8	10.75	0.15	±	0.34	6550.72	13208.30	2829.21	6476.19	14080.90	201.85
103	8	10.75	0.15	16	0.34	-45288.10	-7620.92	-1003.99	1616.58	-40712.00	317.55
103	8	10.75	0.15	±	0.34	7292.89	15235.20	3144.72	7197.90	17652.10	258.67
103	8	10.75	0.15	17	0.34	-69614.40	3391.19	-1905.94	3182.00	-15097.60	716.57
103	8	10.75	0.15	18	0.34	-68501.80	-10847.00	-1765.20	2918.81	-67613.80	869.46
103	8	10.75	0.15	19	0.34	-68388.40	-5088.01	-1545.79	2394.65	-44156.30	816.51
103	8	10.75	0.15	20	0.34	-69727.80	-2367.85	-2125.35	3706.16	-38555.10	769.52
103	8	10.75	0.15	21	0.34	-50065.80	4575.79	-1351.82	2268.42	-2817.72	474.77

103	8	10.75	0.15	22	0.34	-48953.30	-9662.45	-1211.07	2005.22	-55333.90	627.67
103	8	10.75	0.15	23	0.34	-48839.80	-3903.41	-991.67	1481.06	-31876.40	574.71
103	8	10.75	0.15	24	0.34	-50179.30	-1183.25	-1571.23	2792.58	-26275.20	527.73
103	8	10.75	0.15	25	0.34	-47340.80	4742.48	-1242.03	2096.68	194.81	415.94
103	8	10.75	0.15	26	0.34	-46228.30	-9495.76	-1101.28	1833.48	-52321.40	568.84
103	8	10.75	0.15	27	0.34	-46114.80	-3736.72	-881.88	1309.32	-28863.90	515.88
103	8	10.75	0.15	28	0.34	-47454.30	-1016.56	-1461.43	2620.84	-23262.70	468.90
103	8	10.75	0.15	29	0.34	-46477.20	4797.49	-1205.64	2040.38	1154.11	396.60
103	8	10.75	0.15	30	0.34	-45364.70	-9440.75	-1064.89	1777.18	-51362.10	549.50
103	8	10.75	0.15	31	0.34	-45251.20	-3681.71	-845.49	1253.02	-27904.60	496.54
103	8	10.75	0.15	32	0.34	-46590.70	-961.55	-1425.05	2564.54	-22303.40	449.56
103	9	10.75	0.15	1	0.34	-46337.80	2498.37	-1254.63	1547.16	-12359.80	853.39
103	9	10.75	0.15	±	0.34	5136.98	62869.80	1410.02	2252.65	219468.00	762.52
103	9	10.75	0.15	2	0.34	-46383.70	2979.00	-1266.54	1567.71	-11092.90	868.69
103	9	10.75	0.15	±	0.34	5674.37	69354.80	1560.96	2495.77	241948.00	847.72
103	9	10.75	0.15	3	0.34	-46337.80	2498.37	-1254.63	1547.16	-12359.80	853.39
103	9	10.75	0.15	±	0.34	711.99	45217.30	-380.19	-905.51	178234.00	454.94
103	9	10.75	0.15	4	0.34	-46383.70	2979.00	-1266.54	1567.71	-11092.90	868.69
103	9	10.75	0.15	±	0.34	758.76	49515.70	-427.85	-1012.98	195429.00	491.18
103	9	10.75	0.15	5	0.34	-46337.80	2498.37	-1254.63	1547.16	-12359.80	853.39
103	9	10.75	0.15	±	0.34	8252.33	45633.90	3138.16	5465.67	128379.00	695.26
103	9	10.75	0.15	6	0.34	-46383.70	2979.00	-1266.54	1567.71	-11092.90	868.69
103	9	10.75	0.15	±	0.34	9157.65	50895.70	3484.65	6070.33	143138.00	795.07
103	9	10.75	0.15	7	0.34	-46337.80	2498.37	-1254.63	1547.16	-12359.80	853.39
103	9	10.75	0.15	±	0.34	6497.64	13207.70	2829.21	5061.53	9067.98	330.02
103	9	10.75	0.15	8	0.34	-46383.70	2979.00	-1266.54	1567.71	-11092.90	868.69
103	9	10.75	0.15	±	0.34	7227.71	15234.60	3144.72	5625.49	11925.00	393.40
103	9	10.75	0.15	9	0.34	-45418.70	-7138.46	-1015.90	1135.13	-37762.00	546.59
103	9	10.75	0.15	±	0.34	5136.98	62869.80	1410.02	2252.65	219468.00	762.52
103	9	10.75	0.15	10	0.34	-45372.80	-7619.08	-1003.99	1114.58	-39028.90	531.29
103	9	10.75	0.15	±	0.34	5674.37	69354.80	1560.96	2495.77	241948.00	847.72
103	9	10.75	0.15	11	0.34	-45418.70	-7138.46	-1015.90	1135.13	-37762.00	546.59
103	9	10.75	0.15	±	0.34	711.99	45217.30	-380.19	-905.51	178234.00	454.94
103	9	10.75	0.15	12	0.34	-45372.80	-7619.08	-1003.99	1114.58	-39028.90	531.29
103	9	10.75	0.15	±	0.34	758.76	49515.70	-427.85	-1012.98	195429.00	491.18
103	9	10.75	0.15	13	0.34	-45418.70	-7138.46	-1015.90	1135.13	-37762.00	546.59
103	9	10.75	0.15	±	0.34	8252.33	45633.90	3138.16	5465.67	128379.00	695.26
103	9	10.75	0.15	14	0.34	-45372.80	-7619.08	-1003.99	1114.58	-39028.90	531.29
103	9	10.75	0.15	±	0.34	9157.65	50895.70	3484.65	6070.33	143138.00	795.07
103	9	10.75	0.15	15	0.34	-45418.70	-7138.46	-1015.90	1135.13	-37762.00	546.59
103	9	10.75	0.15	±	0.34	6497.64	13207.70	2829.21	5061.53	9067.98	330.02
103	9	10.75	0.15	16	0.34	-45372.80	-7619.08	-1003.99	1114.58	-39028.90	531.29
103	9	10.75	0.15	±	0.34	7227.71	15234.60	3144.72	5625.49	11925.00	393.40
103	9	10.75	0.15	17	0.34	-69500.50	3393.30	-1905.94	2229.03	-17050.60	1077.88
103	9	10.75	0.15	18	0.34	-68776.50	-10844.20	-1765.20	2036.21	-65565.40	1227.39
103	9	10.75	0.15	19	0.34	-68485.60	-5085.46	-1545.79	1621.75	-43642.90	1153.99
103	9	10.75	0.15	20	0.34	-69791.50	-2365.43	-2125.35	2643.49	-38973.10	1151.28
103	9	10.75	0.15	21	0.34	-49893.80	4577.02	-1351.82	1592.51	-4827.73	727.91
103	9	10.75	0.15	22	0.34	-49169.90	-9660.46	-1211.07	1399.69	-53342.60	877.43
103	9	10.75	0.15	23	0.34	-48878.90	-3901.74	-991.67	985.23	-31420.10	804.02
103	9	10.75	0.15	24	0.34	-50184.80	-1181.71	-1571.23	2006.97	-26750.20	801.32
103	9	10.75	0.15	25	0.34	-47119.30	4743.69	-1242.03	1475.67	-1774.71	650.62
103	9	10.75	0.15	26	0.34	-46395.30	-9493.79	-1101.28	1282.84	-50289.50	800.13
103	9	10.75	0.15	27	0.34	-46104.40	-3735.07	-881.88	868.38	-28367.10	726.73
103	9	10.75	0.15	28	0.34	-47410.20	-1015.03	-1461.43	1890.12	-23697.20	724.02
103	9	10.75	0.15	29	0.34	-46240.30	4798.70	-1205.64	1437.56	-803.50	625.23
103	9	10.75	0.15	30	0.34	-45516.30	-9438.78	-1064.89	1244.74	-49318.30	774.75
103	9	10.75	0.15	31	0.34	-45225.30	-3680.06	-845.49	830.28	-27395.90	701.34
103	9	10.75	0.15	32	0.34	-46531.20	-960.02	-1425.04	1852.02	-22726.00	698.64
103	9	10.75	0.15	1	0.84	-46337.80	2498.37	-1254.63	1547.16	-12359.80	853.39
103	9	10.75	0.15	±	0.84	5136.98	62869.80	1410.02	2252.65	219468.00	762.52
103	9	10.75	0.15	2	0.84	-46383.70	2979.00	-1266.54	1567.71	-11092.90	868.69
103	9	10.75	0.15	±	0.84	5674.37	69354.80	1560.96	2495.77	241948.00	847.72
103	9	10.75	0.15	3	0.84	-46337.80	2498.37	-1254.63	1547.16	-12359.80	853.39
103	9	10.75	0.15	±	0.84	711.99	45217.30	-380.19	-905.51	178234.00	454.94
103	9	10.75	0.15	4	0.84	-46383.70	2979.00	-1266.54	1567.71	-11092.90	868.69
103	9	10.75	0.15	±	0.84	758.76	49515.70	-427.85	-1012.98	195429.00	491.18
103	9	10.75	0.15	5	0.84	-46337.80	2498.37	-1254.63	1547.16	-12359.80	853.39
103	9	10.75	0.15	±	0.84	8252.33	45633.90	3138.16	5465.67	128379.00	695.26
103	9	10.75	0.15	6	0.84	-46383.70	2979.00	-1266.54	1567.71	-11092.90	868.69
103	9	10.75	0.15	±	0.84	9157.65	50895.70	3484.65	6070.33	143138.00	795.07
103	9	10.75	0.15	7	0.84	-46337.80	2498.37	-1254.63	1547.16	-12359.80	853.39
103	9	10.75	0.15	±	0.84	6497.64	13207.70	2829.21	5061.53	9067.98	330.02
103	9	10.75	0.15	8	0.84	-46383.70	2979.00	-1266.54	1567.71	-11092.90	868.69
103	9	10.75	0.15	±	0.84	7227.71	15234.60	3144.72	5625.49	11925.00	393.40
103	9	10.75	0.15	9	0.84	-45418.70	-7138.46	-1015.90	1135.13	-37762.00	546.59
103	9	10.75	0.15	±	0.84	5136.98	62869.80	1410.02	2252.65	219468.00	762.52
103	9	10.75	0.15	10	0.84	-45372.80	-7619.08	-1003.99	1114.58	-39028.90	531.29
103	9	10.75	0.15	±	0.84	5674.37	69354.80	1560.96	2495.77	241948.00	847.72
103	9	10.75	0.15	11	0.84	-45418.70	-7138.46	-1015.90	1135.13	-37762.00	546.59
103	9	10.75	0.15	±	0.84	711.99	45217.30	-380.19	-905.51	178234.00	454.94
103	9	10.75	0.15	12	0.84	-45372.80	-7619.08	-1003.99	1114.58	-39028.90	531.29

103	9	10.75	0.15 ±	0.84	758.76	49515.70	-427.85	-1012.98	195429.00	491.18
103	9	10.75	0.15 13	0.84	-45418.70	-7138.46	-1015.90	1135.13	-37762.00	546.59
103	9	10.75	0.15 ±	0.84	8252.33	45633.90	3138.16	5465.67	128379.00	695.26
103	9	10.75	0.15 14	0.84	-45372.80	-7619.08	-1003.99	1114.58	-39028.90	531.29
103	9	10.75	0.15 ±	0.84	9157.65	50895.70	3484.65	6070.33	143138.00	795.07
103	9	10.75	0.15 15	0.84	-45418.70	-7138.46	-1015.90	1135.13	-37762.00	546.59
103	9	10.75	0.15 ±	0.84	6497.64	13207.70	2829.21	5061.53	9067.98	330.02
103	9	10.75	0.15 16	0.84	-45372.80	-7619.08	-1003.99	1114.58	-39028.90	531.29
103	9	10.75	0.15 ±	0.84	7227.71	15234.60	3144.72	5625.49	11925.00	393.40
103	9	10.75	0.15 17	0.84	-69500.50	3393.30	-1905.94	2229.03	-17050.60	1077.88
103	9	10.75	0.15 18	0.84	-68776.50	-10844.20	-1765.20	2036.21	-65565.40	1227.39
103	9	10.75	0.15 19	0.84	-68485.60	-5085.46	-1545.79	1621.75	-43642.90	1153.99
103	9	10.75	0.15 20	0.84	-69791.50	-2365.43	-2125.35	2643.49	-38973.10	1151.28
103	9	10.75	0.15 21	0.84	-49893.80	4577.02	-1351.82	1592.51	-4827.73	727.91
103	9	10.75	0.15 22	0.84	-49169.90	-9660.46	-1211.07	1399.69	-53342.60	877.43
103	9	10.75	0.15 23	0.84	-48878.90	-3901.74	-991.67	985.23	-31420.10	804.02
103	9	10.75	0.15 24	0.84	-50184.80	-1181.71	-1571.23	2006.97	-26750.20	801.32
103	9	10.75	0.15 25	0.84	-47119.30	4743.69	-1242.03	1475.67	-1774.71	650.62
103	9	10.75	0.15 26	0.84	-46395.30	-9493.79	-1101.28	1282.84	-50289.50	800.13
103	9	10.75	0.15 27	0.84	-46104.40	-3735.07	-881.88	868.38	-28367.10	726.73
103	9	10.75	0.15 28	0.84	-47410.20	-1015.03	-1461.43	1890.12	-23697.20	724.02
103	9	10.75	0.15 29	0.84	-46240.30	4798.70	-1205.64	1437.56	-803.50	625.23
103	9	10.75	0.15 30	0.84	-45516.30	-9438.78	-1064.89	1244.74	-49318.30	774.75
103	9	10.75	0.15 31	0.84	-45225.30	-3680.06	-845.49	830.28	-27395.90	701.34
103	9	10.75	0.15 32	0.84	-46531.20	-960.02	-1425.04	1852.02	-22726.00	698.64
103	10	10.75	0.15 1	0.84	-45680.90	2499.84	-1254.63	919.85	-13678.20	836.64
103	10	10.75	0.15 ±	0.84	4851.91	62868.10	1410.02	1548.77	192239.00	752.51
103	10	10.75	0.15 2	0.84	-45724.80	2980.45	-1266.54	934.44	-12622.20	851.97
103	10	10.75	0.15 ±	0.84	5360.60	69352.90	1560.96	1716.56	211910.00	836.75
103	10	10.75	0.15 3	0.84	-45680.90	2499.84	-1254.63	919.85	-13678.20	836.64
103	10	10.75	0.15 ±	0.84	479.07	45216.00	-380.19	-714.38	158770.00	444.32
103	10	10.75	0.15 4	0.84	-45724.80	2980.45	-1266.54	934.44	-12622.20	851.97
103	10	10.75	0.15 ±	0.84	502.92	49514.30	-427.85	-797.90	174114.00	479.46
103	10	10.75	0.15 5	0.84	-45680.90	2499.84	-1254.63	919.85	-13678.20	836.64
103	10	10.75	0.15 ±	0.84	8087.70	45632.70	3138.16	3897.07	108433.00	693.18
103	10	10.75	0.15 6	0.84	-45724.80	2980.45	-1266.54	934.44	-12622.20	851.97
103	10	10.75	0.15 ±	0.84	8975.66	50894.40	3484.65	4328.57	120897.00	792.90
103	10	10.75	0.15 7	0.84	-45680.90	2499.84	-1254.63	919.85	-13678.20	836.64
103	10	10.75	0.15 ±	0.84	6488.41	13207.50	2829.21	3646.75	3130.74	334.13
103	10	10.75	0.15 8	0.84	-45724.80	2980.45	-1266.54	934.44	-12622.20	851.97
103	10	10.75	0.15 ±	0.84	7216.61	15234.30	3144.72	4052.97	5089.88	398.04
103	10	10.75	0.15 9	0.84	-44801.10	-7136.76	-1015.90	627.18	-34852.80	529.14
103	10	10.75	0.15 ±	0.84	4851.91	62868.10	1410.02	1548.77	192239.00	752.51
103	10	10.75	0.15 10	0.84	-44757.20	-7617.37	-1003.99	612.59	-35908.90	513.80
103	10	10.75	0.15 ±	0.84	5360.60	69352.90	1560.96	1716.56	211910.00	836.75
103	10	10.75	0.15 11	0.84	-44801.10	-7136.76	-1015.90	627.18	-34852.80	529.14
103	10	10.75	0.15 ±	0.84	479.07	45216.00	-380.19	-714.38	158770.00	444.32
103	10	10.75	0.15 12	0.84	-44757.20	-7617.37	-1003.99	612.59	-35908.90	513.80
103	10	10.75	0.15 ±	0.84	502.92	49514.30	-427.85	-797.90	174114.00	479.46
103	10	10.75	0.15 13	0.84	-44801.10	-7136.76	-1015.90	627.18	-34852.80	529.14
103	10	10.75	0.15 ±	0.84	8087.70	45632.70	3138.16	3897.07	108433.00	693.18
103	10	10.75	0.15 14	0.84	-44757.20	-7617.37	-1003.99	612.59	-35908.90	513.80
103	10	10.75	0.15 ±	0.84	8975.66	50894.40	3484.65	4328.57	120897.00	792.90
103	10	10.75	0.15 15	0.84	-44801.10	-7136.76	-1015.90	627.18	-34852.80	529.14
103	10	10.75	0.15 ±	0.84	6488.41	13207.50	2829.21	3646.75	3130.74	334.13
103	10	10.75	0.15 16	0.84	-44757.20	-7617.37	-1003.99	612.59	-35908.90	513.80
103	10	10.75	0.15 ±	0.84	7216.61	15234.30	3144.72	4052.97	5089.88	398.04
103	10	10.75	0.15 17	0.84	-68665.90	3395.57	-1905.94	1276.06	-18860.70	1051.74
103	10	10.75	0.15 18	0.84	-68006.80	-10841.50	-1765.20	1153.61	-61199.30	1198.67
103	10	10.75	0.15 19	0.84	-67686.20	-5082.96	-1545.79	848.85	-41757.70	1126.67
103	10	10.75	0.15 20	0.84	-68986.40	-2362.99	-2125.35	1580.81	-38302.30	1123.75
103	10	10.75	0.15 21	0.84	-49235.60	4578.42	-1351.82	916.60	-7053.07	710.04
103	10	10.75	0.15 22	0.84	-48576.50	-9658.68	-1211.07	794.15	-49391.70	856.97
103	10	10.75	0.15 23	0.84	-48255.90	-3900.12	-991.67	489.39	-29950.10	784.97
103	10	10.75	0.15 24	0.84	-49556.20	-1180.15	-1571.23	1221.35	-26494.70	782.04
103	10	10.75	0.15 25	0.84	-46452.40	4745.09	-1242.03	854.65	-4050.53	634.30
103	10	10.75	0.15 26	0.84	-45793.30	-9492.01	-1101.28	732.20	-46389.10	781.23
103	10	10.75	0.15 27	0.84	-45472.70	-3733.45	-881.88	427.45	-26947.50	709.23
103	10	10.75	0.15 28	0.84	-46772.90	-1013.48	-1461.43	1159.41	-23492.10	706.31
103	10	10.75	0.15 29	0.84	-45570.60	4800.09	-1205.64	834.74	-3096.22	609.42
103	10	10.75	0.15 30	0.84	-44911.50	-9437.01	-1064.89	712.29	-45434.80	756.36
103	10	10.75	0.15 31	0.84	-44590.90	-3678.44	-845.49	407.54	-25993.20	684.35
103	10	10.75	0.15 32	0.84	-45891.10	-958.47	-1425.04	1139.50	-22537.80	681.43
103	10	10.75	0.15 1	1.34	-45680.90	2499.84	-1254.63	919.85	-13678.20	836.64
103	10	10.75	0.15 ±	1.34	4851.91	62868.10	1410.02	1548.77	192239.00	752.51
103	10	10.75	0.15 2	1.34	-45724.80	2980.45	-1266.54	934.44	-12622.20	851.97
103	10	10.75	0.15 ±	1.34	5360.60	69352.90	1560.96	1716.56	211910.00	836.75
103	10	10.75	0.15 3	1.34	-45680.90	2499.84	-1254.63	919.85	-13678.20	836.64
103	10	10.75	0.15 ±	1.34	479.07	45216.00	-380.19	-714.38	158770.00	444.32
103	10	10.75	0.15 4	1.34	-45724.80	2980.45	-1266.54	934.44	-12622.20	851.97
103	10	10.75	0.15 ±	1.34	502.92	49514.30	-427.85	-797.90	174114.00	479.46
103	10	10.75	0.15 5	1.34	-45680.90	2499.84	-1254.63	919.85	-13678.20	836.64

103	10	10.75	0.15	±	1.34	8087.70	45632.70	3138.16	3897.07	108433.00	693.18
103	10	10.75	0.15	6	1.34	-45724.80	2980.45	-1266.54	934.44	-12622.20	851.97
103	10	10.75	0.15	±	1.34	8975.66	50894.40	3484.65	4328.57	120897.00	792.90
103	10	10.75	0.15	7	1.34	-45680.90	2499.84	-1254.63	919.85	-13678.20	836.64
103	10	10.75	0.15	±	1.34	6488.41	13207.50	2829.21	3646.75	3130.74	334.13
103	10	10.75	0.15	8	1.34	-45724.80	2980.45	-1266.54	934.44	-12622.20	851.97
103	10	10.75	0.15	±	1.34	7216.61	15234.30	3144.72	4052.97	5089.88	398.04
103	10	10.75	0.15	9	1.34	-44801.10	-7136.76	-1015.90	627.18	-34852.80	529.14
103	10	10.75	0.15	±	1.34	4851.91	62868.10	1410.02	1548.77	192239.00	752.51
103	10	10.75	0.15	10	1.34	-44757.20	-7617.37	-1003.99	612.59	-35908.90	513.80
103	10	10.75	0.15	±	1.34	5360.60	69352.90	1560.96	1716.56	211910.00	836.75
103	10	10.75	0.15	11	1.34	-44801.10	-7136.76	-1015.90	627.18	-34852.80	529.14
103	10	10.75	0.15	±	1.34	479.07	45216.00	-380.19	-714.38	158770.00	444.32
103	10	10.75	0.15	12	1.34	-44757.20	-7617.37	-1003.99	612.59	-35908.90	513.80
103	10	10.75	0.15	±	1.34	502.92	49514.30	-427.85	-797.90	174114.00	479.46
103	10	10.75	0.15	13	1.34	-44801.10	-7136.76	-1015.90	627.18	-34852.80	529.14
103	10	10.75	0.15	±	1.34	8087.70	45632.70	3138.16	3897.07	108433.00	693.18
103	10	10.75	0.15	14	1.34	-44757.20	-7617.37	-1003.99	612.59	-35908.90	513.80
103	10	10.75	0.15	±	1.34	8975.66	50894.40	3484.65	4328.57	120897.00	792.90
103	10	10.75	0.15	15	1.34	-44801.10	-7136.76	-1015.90	627.18	-34852.80	529.14
103	10	10.75	0.15	±	1.34	6488.41	13207.50	2829.21	3646.75	3130.74	334.13
103	10	10.75	0.15	16	1.34	-44757.20	-7617.37	-1003.99	612.59	-35908.90	513.80
103	10	10.75	0.15	±	1.34	7216.61	15234.30	3144.72	4052.97	5089.88	398.04
103	10	10.75	0.15	17	1.34	-68665.90	3395.57	-1905.94	1276.06	-18860.70	1051.74
103	10	10.75	0.15	18	1.34	-68006.80	-10841.50	-1765.20	1153.61	-61199.30	1198.67
103	10	10.75	0.15	19	1.34	-67686.20	-5082.96	-1545.79	848.85	-41757.70	1126.67
103	10	10.75	0.15	20	1.34	-68986.40	-2362.99	-2125.35	1580.81	-38302.30	1123.75
103	10	10.75	0.15	21	1.34	-49235.60	4578.42	-1351.82	916.60	-7053.07	710.04
103	10	10.75	0.15	22	1.34	-48576.50	-9658.68	-1211.07	794.15	-49391.70	856.97
103	10	10.75	0.15	23	1.34	-48255.90	-3900.12	-991.67	489.39	-29950.10	784.97
103	10	10.75	0.15	24	1.34	-49556.20	-1180.15	-1571.23	1221.35	-26494.70	782.04
103	10	10.75	0.15	25	1.34	-46452.40	4745.09	-1242.03	854.65	-4050.53	634.30
103	10	10.75	0.15	26	1.34	-45793.30	-9492.01	-1101.28	732.20	-46389.10	781.23
103	10	10.75	0.15	27	1.34	-45472.70	-3733.45	-881.88	427.45	-26947.50	709.23
103	10	10.75	0.15	28	1.34	-46772.90	-1013.48	-1461.43	1159.41	-23492.10	706.31
103	10	10.75	0.15	29	1.34	-45570.60	4800.09	-1205.64	834.74	-3096.22	609.42
103	10	10.75	0.15	30	1.34	-44911.50	-9437.01	-1064.89	712.29	-45434.80	756.36
103	10	10.75	0.15	31	1.34	-44590.90	-3678.44	-845.49	407.54	-25993.20	684.35
103	10	10.75	0.15	32	1.34	-45891.10	-958.47	-1425.04	1139.50	-22537.80	681.43
103	11	10.75	0.15	1	1.34	-44881.80	2501.48	-1254.63	292.53	-14854.10	833.07
103	11	10.75	0.15	±	1.34	4976.53	62866.80	1410.02	848.39	162802.00	752.33
103	11	10.75	0.15	2	1.34	-44926.50	2982.08	-1266.54	301.18	-14023.30	848.38
103	11	10.75	0.15	±	1.34	5497.75	69351.50	1560.96	941.27	179439.00	836.58
103	11	10.75	0.15	3	1.34	-44881.80	2501.48	-1254.63	292.53	-14854.10	833.07
103	11	10.75	0.15	±	1.34	583.71	45215.00	-380.19	-519.87	137561.00	445.83
103	11	10.75	0.15	4	1.34	-44926.50	2982.08	-1266.54	301.18	-14023.30	848.38
103	11	10.75	0.15	±	1.34	617.87	49513.20	-427.85	-579.07	150887.00	481.10
103	11	10.75	0.15	5	1.34	-44881.80	2501.48	-1254.63	292.53	-14854.10	833.07
103	11	10.75	0.15	±	1.34	8155.40	45631.90	3138.16	2329.70	87121.80	690.56
103	11	10.75	0.15	6	1.34	-44926.50	2982.08	-1266.54	301.18	-14023.30	848.38
103	11	10.75	0.15	±	1.34	9050.46	50893.60	3484.65	2588.22	97134.80	790.12
103	11	10.75	0.15	7	1.34	-44881.80	2501.48	-1254.63	292.53	-14854.10	833.07
103	11	10.75	0.15	±	1.34	6487.33	13207.40	2829.21	2231.15	-2987.11	331.11
103	11	10.75	0.15	8	1.34	-44926.50	2982.08	-1266.54	301.18	-14023.30	848.38
103	11	10.75	0.15	±	1.34	7215.78	15234.10	3144.72	2479.56	-1963.02	394.82
103	11	10.75	0.15	9	1.34	-43986.30	-7134.96	-1015.90	119.23	-31513.40	525.98
103	11	10.75	0.15	±	1.34	4976.53	62866.80	1410.02	848.39	162802.00	752.33
103	11	10.75	0.15	10	1.34	-43941.60	-7615.57	-1003.99	110.59	-32344.20	510.66
103	11	10.75	0.15	±	1.34	5497.75	69351.50	1560.96	941.27	179439.00	836.58
103	11	10.75	0.15	11	1.34	-43986.30	-7134.96	-1015.90	119.23	-31513.40	525.98
103	11	10.75	0.15	±	1.34	583.71	45215.00	-380.19	-519.87	137561.00	445.83
103	11	10.75	0.15	12	1.34	-43941.60	-7615.57	-1003.99	110.59	-32344.20	510.66
103	11	10.75	0.15	±	1.34	617.87	49513.20	-427.85	-579.07	150887.00	481.10
103	11	10.75	0.15	13	1.34	-43986.30	-7134.96	-1015.90	119.23	-31513.40	525.98
103	11	10.75	0.15	±	1.34	8155.40	45631.90	3138.16	2329.70	87121.80	690.56
103	11	10.75	0.15	14	1.34	-43941.60	-7615.57	-1003.99	110.59	-32344.20	510.66
103	11	10.75	0.15	±	1.34	9050.46	50893.60	3484.65	2588.22	97134.80	790.12
103	11	10.75	0.15	15	1.34	-43986.30	-7134.96	-1015.90	119.23	-31513.40	525.98
103	11	10.75	0.15	±	1.34	6487.33	13207.40	2829.21	2231.15	-2987.11	331.11
103	11	10.75	0.15	16	1.34	-43941.60	-7615.57	-1003.99	110.59	-32344.20	510.66
103	11	10.75	0.15	±	1.34	7215.78	15234.10	3144.72	2479.56	-1963.02	394.82
103	11	10.75	0.15	17	1.34	-67619.70	3398.11	-1905.94	323.09	-20459.20	1046.33
103	11	10.75	0.15	18	1.34	-66931.80	-10838.70	-1765.20	271.01	-56126.50	1193.46
103	11	10.75	0.15	19	1.34	-66624.70	-5080.27	-1545.79	75.96	-39383.20	1121.73
103	11	10.75	0.15	20	1.34	-67926.80	-2360.34	-2125.35	518.14	-37202.50	1118.06
103	11	10.75	0.15	21	1.34	-48439.30	4580.01	-1351.82	240.69	-9203.64	706.23
103	11	10.75	0.15	22	1.34	-47751.40	-9656.82	-1211.07	188.61	-44871.00	853.36
103	11	10.75	0.15	23	1.34	-47444.30	-3898.37	-991.67	-6.44	-28127.70	781.63
103	11	10.75	0.15	24	1.34	-48746.40	-1178.44	-1571.23	435.74	-25947.00	777.95
103	11	10.75	0.15	25	1.34	-45658.90	4746.67	-1242.03	233.64	-6278.76	630.75
103	11	10.75	0.15	26	1.34	-44971.00	-9490.16	-1101.28	181.56	-41946.10	777.88
103	11	10.75	0.15	27	1.34	-44663.90	-3731.71	-881.88	-13.49	-25202.80	706.15

103	11	10.75	0.15	28	1.34	-45966.00	-1011.78	-1461.43	428.69	-23022.10	702.48
103	11	10.75	0.15	29	1.34	-44778.00	4801.67	-1205.64	231.92	-5350.08	605.96
103	11	10.75	0.15	30	1.34	-44090.10	-9435.16	-1064.89	179.84	-41017.40	753.09
103	11	10.75	0.15	31	1.34	-43783.00	-3676.71	-845.49	-15.21	-24274.10	681.36
103	11	10.75	0.15	32	1.34	-45085.10	-956.78	-1425.04	426.97	-22093.40	677.68
103	11	10.75	0.15	1	1.84	-44881.80	2501.48	-1254.63	292.53	-14854.10	833.07
103	11	10.75	0.15	±	1.84	4976.53	62866.80	1410.02	848.39	162802.00	752.33
103	11	10.75	0.15	2	1.84	-44926.50	2982.08	-1266.54	301.18	-14023.30	848.38
103	11	10.75	0.15	±	1.84	5497.75	69351.50	1560.96	941.27	179439.00	836.58
103	11	10.75	0.15	3	1.84	-44881.80	2501.48	-1254.63	292.53	-14854.10	833.07
103	11	10.75	0.15	±	1.84	583.71	45215.00	-380.19	-519.87	137561.00	445.83
103	11	10.75	0.15	4	1.84	-44926.50	2982.08	-1266.54	301.18	-14023.30	848.38
103	11	10.75	0.15	±	1.84	617.87	49513.20	-427.85	-579.07	150887.00	481.10
103	11	10.75	0.15	5	1.84	-44881.80	2501.48	-1254.63	292.53	-14854.10	833.07
103	11	10.75	0.15	±	1.84	8155.40	45631.90	3138.16	2329.70	87121.80	690.56
103	11	10.75	0.15	6	1.84	-44926.50	2982.08	-1266.54	301.18	-14023.30	848.38
103	11	10.75	0.15	±	1.84	9050.46	50893.60	3484.65	2588.22	97134.80	790.12
103	11	10.75	0.15	7	1.84	-44881.80	2501.48	-1254.63	292.53	-14854.10	833.07
103	11	10.75	0.15	±	1.84	6487.33	13207.40	2829.21	2231.15	-2987.11	331.11
103	11	10.75	0.15	8	1.84	-44926.50	2982.08	-1266.54	301.18	-14023.30	848.38
103	11	10.75	0.15	±	1.84	7215.78	15234.10	3144.72	2479.56	-1963.02	394.82
103	11	10.75	0.15	9	1.84	-43986.30	-7134.96	-1015.90	119.23	-31513.40	525.98
103	11	10.75	0.15	±	1.84	4976.53	62866.80	1410.02	848.39	162802.00	752.33
103	11	10.75	0.15	10	1.84	-43941.60	-7615.57	-1003.99	110.59	-32344.20	510.66
103	11	10.75	0.15	±	1.84	5497.75	69351.50	1560.96	941.27	179439.00	836.58
103	11	10.75	0.15	11	1.84	-43986.30	-7134.96	-1015.90	119.23	-31513.40	525.98
103	11	10.75	0.15	±	1.84	583.71	45215.00	-380.19	-519.87	137561.00	445.83
103	11	10.75	0.15	12	1.84	-43941.60	-7615.57	-1003.99	110.59	-32344.20	510.66
103	11	10.75	0.15	±	1.84	617.87	49513.20	-427.85	-579.07	150887.00	481.10
103	11	10.75	0.15	13	1.84	-43986.30	-7134.96	-1015.90	119.23	-31513.40	525.98
103	11	10.75	0.15	±	1.84	8155.40	45631.90	3138.16	2329.70	87121.80	690.56
103	11	10.75	0.15	14	1.84	-43941.60	-7615.57	-1003.99	110.59	-32344.20	510.66
103	11	10.75	0.15	±	1.84	9050.46	50893.60	3484.65	2588.22	97134.80	790.12
103	11	10.75	0.15	15	1.84	-43986.30	-7134.96	-1015.90	119.23	-31513.40	525.98
103	11	10.75	0.15	±	1.84	6487.33	13207.40	2829.21	2231.15	-2987.11	331.11
103	11	10.75	0.15	16	1.84	-43941.60	-7615.57	-1003.99	110.59	-32344.20	510.66
103	11	10.75	0.15	±	1.84	7215.78	15234.10	3144.72	2479.56	-1963.02	394.82
103	11	10.75	0.15	17	1.84	-67619.70	3398.11	-1905.94	323.09	-20459.20	1046.33
103	11	10.75	0.15	18	1.84	-66931.80	-10838.70	-1765.20	271.01	-56126.50	1193.46
103	11	10.75	0.15	19	1.84	-66624.70	-5080.27	-1545.79	75.96	-39383.20	1121.73
103	11	10.75	0.15	20	1.84	-67926.80	-2360.34	-2125.35	518.14	-37202.50	1118.06
103	11	10.75	0.15	21	1.84	-48439.30	4580.01	-1351.82	240.69	-9203.64	706.23
103	11	10.75	0.15	22	1.84	-47751.40	-9656.82	-1211.07	188.61	-44871.00	853.36
103	11	10.75	0.15	23	1.84	-47444.30	-3898.37	-991.67	-6.44	-28127.70	781.63
103	11	10.75	0.15	24	1.84	-48746.40	-1178.44	-1571.23	435.74	-25947.00	777.95
103	11	10.75	0.15	25	1.84	-45658.90	4746.67	-1242.03	233.64	-6278.76	630.75
103	11	10.75	0.15	26	1.84	-44971.00	-9490.16	-1101.28	181.56	-41946.10	777.88
103	11	10.75	0.15	27	1.84	-44663.90	-3731.71	-881.88	-13.49	-25202.80	706.15
103	11	10.75	0.15	28	1.84	-45966.00	-1011.78	-1461.43	428.69	-23022.10	702.48
103	11	10.75	0.15	29	1.84	-44778.00	4801.67	-1205.64	231.92	-5350.08	605.96
103	11	10.75	0.15	30	1.84	-44090.10	-9435.16	-1064.89	179.84	-41017.40	753.09
103	11	10.75	0.15	31	1.84	-43783.00	-3676.71	-845.49	-15.21	-24274.10	681.36
103	11	10.75	0.15	32	1.84	-45085.10	-956.78	-1425.04	426.97	-22093.40	677.68
103	12	10.75	0.15	1	1.84	-44069.10	2503.31	-1254.63	-334.78	-16025.50	835.69
103	12	10.75	0.15	±	1.84	4875.71	62866.00	1410.02	348.79	133543.00	751.80
103	12	10.75	0.15	2	1.84	-44113.00	2983.91	-1266.54	-332.09	-15418.90	851.02
103	12	10.75	0.15	±	1.84	5386.76	69350.50	1560.96	386.54	147166.00	835.97
103	12	10.75	0.15	3	1.84	-44069.10	2503.31	-1254.63	-334.78	-16025.50	835.69
103	12	10.75	0.15	±	1.84	503.88	45214.30	-380.19	-125.39	116457.00	443.73
103	12	10.75	0.15	4	1.84	-44113.00	2983.91	-1266.54	-332.09	-15418.90	851.02
103	12	10.75	0.15	±	1.84	530.20	49512.40	-427.85	-140.72	127773.00	478.81
103	12	10.75	0.15	5	1.84	-44069.10	2503.31	-1254.63	-334.78	-16025.50	835.69
103	12	10.75	0.15	±	1.84	8093.32	45631.50	3138.16	823.80	65976.90	692.78
103	12	10.75	0.15	6	1.84	-44113.00	2983.91	-1266.54	-332.09	-15418.90	851.02
103	12	10.75	0.15	±	1.84	8981.82	50893.00	3484.65	915.65	73563.50	792.47
103	12	10.75	0.15	7	1.84	-44069.10	2503.31	-1254.63	-334.78	-16025.50	835.69
103	12	10.75	0.15	±	1.84	6479.45	13207.40	2829.21	756.78	-9023.30	334.12
103	12	10.75	0.15	8	1.84	-44113.00	2983.91	-1266.54	-332.09	-15418.90	851.02
103	12	10.75	0.15	±	1.84	7206.73	15234.20	3144.72	841.90	-8918.25	398.04
103	12	10.75	0.15	9	1.84	-43188.30	-7133.04	-1015.90	-388.72	-28188.60	528.19
103	12	10.75	0.15	±	1.84	4875.71	62866.00	1410.02	348.79	133543.00	751.80
103	12	10.75	0.15	10	1.84	-43144.40	-7613.64	-1003.99	-391.41	-28795.20	512.86
103	12	10.75	0.15	±	1.84	5386.76	69350.50	1560.96	386.54	147166.00	835.97
103	12	10.75	0.15	11	1.84	-43188.30	-7133.04	-1015.90	-388.72	-28188.60	528.19
103	12	10.75	0.15	±	1.84	503.88	45214.30	-380.19	-125.39	116457.00	443.73
103	12	10.75	0.15	12	1.84	-43144.40	-7613.64	-1003.99	-391.41	-28795.20	512.86
103	12	10.75	0.15	±	1.84	530.20	49512.40	-427.85	-140.72	127773.00	478.81
103	12	10.75	0.15	13	1.84	-43188.30	-7133.04	-1015.90	-388.72	-28188.60	528.19
103	12	10.75	0.15	±	1.84	8093.32	45631.50	3138.16	823.80	65976.90	692.78
103	12	10.75	0.15	14	1.84	-43144.40	-7613.64	-1003.99	-391.41	-28795.20	512.86
103	12	10.75	0.15	±	1.84	8981.82	50893.00	3484.65	915.65	73563.50	792.47
103	12	10.75	0.15	15	1.84	-43188.30	-7133.04	-1015.90	-388.72	-28188.60	528.19

103	12	10.75	0.15	±	1.84	6479.45	13207.40	2829.21	756.78	-9023.30	334.12
103	12	10.75	0.15	16	1.84	-43144.40	-7613.64	-1003.99	-391.41	-28795.20	512.86
103	12	10.75	0.15	±	1.84	7206.73	15234.20	3144.72	841.90	-8918.25	398.04
103	12	10.75	0.15	17	1.84	-66554.10	3400.94	-1905.94	-629.89	-22049.10	1050.38
103	12	10.75	0.15	18	1.84	-65889.10	-10835.70	-1765.20	-611.59	-51080.10	1197.16
103	12	10.75	0.15	19	1.84	-65571.90	-5077.35	-1545.79	-696.94	-37019.80	1125.26
103	12	10.75	0.15	20	1.84	-66871.30	-2357.43	-2125.35	-544.54	-36109.40	1122.27
103	12	10.75	0.15	21	1.84	-47623.80	4581.81	-1351.82	-435.22	-11343.30	709.11
103	12	10.75	0.15	22	1.84	-46958.90	-9654.84	-1211.07	-416.93	-40374.30	855.89
103	12	10.75	0.15	23	1.84	-46641.60	-3896.47	-991.67	-502.27	-26314.00	784.00
103	12	10.75	0.15	24	1.84	-47941.10	-1176.56	-1571.23	-349.87	-25403.60	781.00
103	12	10.75	0.15	25	1.84	-44842.40	4748.46	-1242.03	-387.37	-8494.96	633.41
103	12	10.75	0.15	26	1.84	-44177.40	-9488.19	-1101.28	-369.08	-37525.90	780.20
103	12	10.75	0.15	27	1.84	-43860.20	-3729.82	-881.88	-454.43	-23465.60	708.30
103	12	10.75	0.15	28	1.84	-45159.60	-1009.91	-1461.43	-302.03	-22555.20	705.31
103	12	10.75	0.15	29	1.84	-43961.20	4803.46	-1205.64	-370.90	-7591.56	608.55
103	12	10.75	0.15	30	1.84	-43296.20	-9433.19	-1064.89	-352.60	-36622.50	755.33
103	12	10.75	0.15	31	1.84	-42979.00	-3674.82	-845.49	-437.95	-22562.20	683.44
103	12	10.75	0.15	32	1.84	-44278.40	-954.91	-1425.04	-285.55	-21651.80	680.44
103	12	10.75	0.15	1	2.34	-44069.10	2503.31	-1254.63	-334.78	-16025.50	835.69
103	12	10.75	0.15	±	2.34	4875.71	62866.00	1410.02	348.79	133543.00	751.80
103	12	10.75	0.15	2	2.34	-44113.00	2983.91	-1266.54	-332.09	-15418.90	851.02
103	12	10.75	0.15	±	2.34	5386.76	69350.50	1560.96	386.54	147166.00	835.97
103	12	10.75	0.15	3	2.34	-44069.10	2503.31	-1254.63	-334.78	-16025.50	835.69
103	12	10.75	0.15	±	2.34	503.88	45214.30	-380.19	-125.39	116457.00	443.73
103	12	10.75	0.15	4	2.34	-44113.00	2983.91	-1266.54	-332.09	-15418.90	851.02
103	12	10.75	0.15	±	2.34	530.20	49512.40	-427.85	-140.72	127773.00	478.81
103	12	10.75	0.15	5	2.34	-44069.10	2503.31	-1254.63	-334.78	-16025.50	835.69
103	12	10.75	0.15	±	2.34	8093.32	45631.50	3138.16	823.80	65976.90	692.78
103	12	10.75	0.15	6	2.34	-44113.00	2983.91	-1266.54	-332.09	-15418.90	851.02
103	12	10.75	0.15	±	2.34	8981.82	50893.00	3484.65	915.65	73563.50	792.47
103	12	10.75	0.15	7	2.34	-44069.10	2503.31	-1254.63	-334.78	-16025.50	835.69
103	12	10.75	0.15	±	2.34	6479.45	13207.40	2829.21	756.78	-9023.30	334.12
103	12	10.75	0.15	8	2.34	-44113.00	2983.91	-1266.54	-332.09	-15418.90	851.02
103	12	10.75	0.15	±	2.34	7206.73	15234.20	3144.72	841.90	-8918.25	398.04
103	12	10.75	0.15	9	2.34	-43188.30	-7133.04	-1015.90	-388.72	-28188.60	528.19
103	12	10.75	0.15	±	2.34	4875.71	62866.00	1410.02	348.79	133543.00	751.80
103	12	10.75	0.15	10	2.34	-43144.40	-7613.64	-1003.99	-391.41	-28795.20	512.86
103	12	10.75	0.15	±	2.34	5386.76	69350.50	1560.96	386.54	147166.00	835.97
103	12	10.75	0.15	11	2.34	-43188.30	-7133.04	-1015.90	-388.72	-28188.60	528.19
103	12	10.75	0.15	±	2.34	503.88	45214.30	-380.19	-125.39	116457.00	443.73
103	12	10.75	0.15	12	2.34	-43144.40	-7613.64	-1003.99	-391.41	-28795.20	512.86
103	12	10.75	0.15	±	2.34	530.20	49512.40	-427.85	-140.72	127773.00	478.81
103	12	10.75	0.15	13	2.34	-43188.30	-7133.04	-1015.90	-388.72	-28188.60	528.19
103	12	10.75	0.15	±	2.34	8093.32	45631.50	3138.16	823.80	65976.90	692.78
103	12	10.75	0.15	14	2.34	-43144.40	-7613.64	-1003.99	-391.41	-28795.20	512.86
103	12	10.75	0.15	±	2.34	8981.82	50893.00	3484.65	915.65	73563.50	792.47
103	12	10.75	0.15	15	2.34	-43188.30	-7133.04	-1015.90	-388.72	-28188.60	528.19
103	12	10.75	0.15	±	2.34	6479.45	13207.40	2829.21	756.78	-9023.30	334.12
103	12	10.75	0.15	16	2.34	-43144.40	-7613.64	-1003.99	-391.41	-28795.20	512.86
103	12	10.75	0.15	±	2.34	7206.73	15234.20	3144.72	841.90	-8918.25	398.04
103	12	10.75	0.15	17	2.34	-66554.10	3400.94	-1905.94	-629.89	-22049.10	1050.38
103	12	10.75	0.15	18	2.34	-65889.10	-10835.70	-1765.20	-611.59	-51080.10	1197.16
103	12	10.75	0.15	19	2.34	-65571.90	-5077.35	-1545.79	-696.94	-37019.80	1125.26
103	12	10.75	0.15	20	2.34	-66871.30	-2357.43	-2125.35	-544.54	-36109.40	1122.27
103	12	10.75	0.15	21	2.34	-47623.80	4581.81	-1351.82	-435.22	-11343.30	709.11
103	12	10.75	0.15	22	2.34	-46958.90	-9654.84	-1211.07	-416.93	-40374.30	855.89
103	12	10.75	0.15	23	2.34	-46641.60	-3896.47	-991.67	-502.27	-26314.00	784.00
103	12	10.75	0.15	24	2.34	-47941.10	-1176.56	-1571.23	-349.87	-25403.60	781.00
103	12	10.75	0.15	25	2.34	-44842.40	4748.46	-1242.03	-387.37	-8494.96	633.41
103	12	10.75	0.15	26	2.34	-44177.40	-9488.19	-1101.28	-369.08	-37525.90	780.20
103	12	10.75	0.15	27	2.34	-43860.20	-3729.82	-881.88	-454.43	-23465.60	708.30
103	12	10.75	0.15	28	2.34	-45159.60	-1009.91	-1461.43	-302.03	-22555.20	705.31
103	12	10.75	0.15	29	2.34	-43961.20	4803.46	-1205.64	-370.90	-7591.56	608.55
103	12	10.75	0.15	30	2.34	-43296.20	-9433.19	-1064.89	-352.60	-36622.50	755.33
103	12	10.75	0.15	31	2.34	-42979.00	-3674.82	-845.49	-437.95	-22562.20	683.44
103	12	10.75	0.15	32	2.34	-44278.40	-954.91	-1425.04	-285.55	-21651.80	680.44
103	13	10.75	0.15	1	2.34	-43224.50	2505.38	-1254.63	-962.10	-17200.30	833.04
103	13	10.75	0.15	±	2.34	4800.52	62865.50	1410.02	573.43	104214.00	752.00
103	13	10.75	0.15	2	2.34	-43267.80	2985.98	-1266.54	-965.36	-16818.80	848.36
103	13	10.75	0.15	±	2.34	5304.00	69350.00	1560.96	633.11	114821.00	836.21
103	13	10.75	0.15	3	2.34	-43224.50	2505.38	-1254.63	-962.10	-17200.30	833.04
103	13	10.75	0.15	±	2.34	443.35	45213.80	-380.19	149.18	95155.50	445.10
103	13	10.75	0.15	4	2.34	-43267.80	2985.98	-1266.54	-965.36	-16818.80	848.36
103	13	10.75	0.15	±	2.34	463.71	49511.90	-427.85	161.65	104436.00	480.30
103	13	10.75	0.15	5	2.34	-43224.50	2505.38	-1254.63	-962.10	-17200.30	833.04
103	13	10.75	0.15	±	2.34	8048.53	45631.30	3138.16	815.48	45002.20	691.08
103	13	10.75	0.15	6	2.34	-43267.80	2985.98	-1266.54	-965.36	-16818.80	848.36
103	13	10.75	0.15	±	2.34	8932.31	50892.90	3484.65	904.99	50197.60	790.67
103	13	10.75	0.15	7	2.34	-43224.50	2505.38	-1254.63	-962.10	-17200.30	833.04
103	13	10.75	0.15	±	2.34	6475.37	13207.50	2829.21	598.70	-14808.60	331.95
103	13	10.75	0.15	8	2.34	-43267.80	2985.98	-1266.54	-965.36	-16818.80	848.36

103	13	10.75	0.15	±	2.34	7201.99	15234.30	3144.72	666.56	-15579.40	395.72
103	13	10.75	0.15	9	2.34	-42355.30	-7130.97	-1015.90	-896.67	-24849.80	525.86
103	13	10.75	0.15	±	2.34	4800.52	62865.50	1410.02	573.43	104214.00	752.00
103	13	10.75	0.15	10	2.34	-42312.00	-7611.57	-1003.99	-893.40	-25231.30	510.54
103	13	10.75	0.15	±	2.34	5304.00	69350.00	1560.96	633.11	114821.00	836.21
103	13	10.75	0.15	11	2.34	-42355.30	-7130.97	-1015.90	-896.67	-24849.80	525.86
103	13	10.75	0.15	±	2.34	443.35	45213.80	-380.19	149.18	95155.50	445.10
103	13	10.75	0.15	12	2.34	-42312.00	-7611.57	-1003.99	-893.40	-25231.30	510.54
103	13	10.75	0.15	±	2.34	463.71	49511.90	-427.85	161.65	104436.00	480.30
103	13	10.75	0.15	13	2.34	-42355.30	-7130.97	-1015.90	-896.67	-24849.80	525.86
103	13	10.75	0.15	±	2.34	8048.53	45631.30	3138.16	815.48	45002.20	691.08
103	13	10.75	0.15	14	2.34	-42312.00	-7611.57	-1003.99	-893.40	-25231.30	510.54
103	13	10.75	0.15	±	2.34	8932.31	50892.90	3484.65	904.99	50197.60	790.67
103	13	10.75	0.15	15	2.34	-42355.30	-7130.97	-1015.90	-896.67	-24849.80	525.86
103	13	10.75	0.15	±	2.34	6475.37	13207.50	2829.21	598.70	-14808.60	331.95
103	13	10.75	0.15	16	2.34	-42312.00	-7611.57	-1003.99	-893.40	-25231.30	510.54
103	13	10.75	0.15	±	2.34	7201.99	15234.30	3144.72	666.56	-15579.40	395.72
103	13	10.75	0.15	17	2.34	-65445.70	3404.11	-1905.94	-1582.86	-23644.10	1046.25
103	13	10.75	0.15	18	2.34	-64798.10	-10832.50	-1765.20	-1494.19	-46005.50	1193.23
103	13	10.75	0.15	19	2.34	-64472.90	-5074.13	-1545.79	-1469.84	-34643.40	1121.49
103	13	10.75	0.15	20	2.34	-65770.80	-2354.21	-2125.35	-1607.21	-35006.20	1117.99
103	13	10.75	0.15	21	2.34	-46779.80	4583.86	-1351.82	-1111.13	-13489.70	706.19
103	13	10.75	0.15	22	2.34	-46132.20	-9652.70	-1211.07	-1022.46	-35851.00	853.18
103	13	10.75	0.15	23	2.34	-45807.00	-3894.38	-991.67	-998.11	-24488.90	781.43
103	13	10.75	0.15	24	2.34	-47104.90	-1174.46	-1571.23	-1135.49	-24851.80	777.93
103	13	10.75	0.15	25	2.34	-43995.80	4750.49	-1242.03	-1008.39	-10721.40	630.74
103	13	10.75	0.15	26	2.34	-43348.20	-9486.07	-1101.28	-919.72	-33082.70	777.73
103	13	10.75	0.15	27	2.34	-43023.00	-3727.75	-881.88	-895.37	-21720.60	705.99
103	13	10.75	0.15	28	2.34	-44321.00	-1007.83	-1461.43	-1032.74	-22083.40	702.49
103	13	10.75	0.15	29	2.34	-43113.70	4805.49	-1205.64	-973.72	-9844.40	605.96
103	13	10.75	0.15	30	2.34	-42466.10	-9431.08	-1064.89	-885.05	-32205.70	752.94
103	13	10.75	0.15	31	2.34	-42140.90	-3672.76	-845.49	-860.70	-20843.70	681.20
103	13	10.75	0.15	32	2.34	-43438.90	-952.83	-1425.05	-998.07	-21206.50	677.70
103	13	10.75	0.15	1	2.84	-43224.50	2505.38	-1254.63	-962.10	-17200.30	833.04
103	13	10.75	0.15	±	2.84	4800.52	62865.50	1410.02	573.43	104214.00	752.00
103	13	10.75	0.15	2	2.84	-43267.80	2985.98	-1266.54	-965.36	-16818.80	848.36
103	13	10.75	0.15	±	2.84	5304.00	69350.00	1560.96	633.11	114821.00	836.21
103	13	10.75	0.15	3	2.84	-43224.50	2505.38	-1254.63	-962.10	-17200.30	833.04
103	13	10.75	0.15	±	2.84	443.35	45213.80	-380.19	149.18	95155.50	445.10
103	13	10.75	0.15	4	2.84	-43267.80	2985.98	-1266.54	-965.36	-16818.80	848.36
103	13	10.75	0.15	±	2.84	463.71	49511.90	-427.85	161.65	104436.00	480.30
103	13	10.75	0.15	5	2.84	-43224.50	2505.38	-1254.63	-962.10	-17200.30	833.04
103	13	10.75	0.15	±	2.84	8048.53	45631.30	3138.16	815.48	45002.20	691.08
103	13	10.75	0.15	6	2.84	-43267.80	2985.98	-1266.54	-965.36	-16818.80	848.36
103	13	10.75	0.15	±	2.84	8932.31	50892.90	3484.65	904.99	50197.60	790.67
103	13	10.75	0.15	7	2.84	-43224.50	2505.38	-1254.63	-962.10	-17200.30	833.04
103	13	10.75	0.15	±	2.84	6475.37	13207.50	2829.21	598.70	-14808.60	331.95
103	13	10.75	0.15	8	2.84	-43267.80	2985.98	-1266.54	-965.36	-16818.80	848.36
103	13	10.75	0.15	±	2.84	7201.99	15234.30	3144.72	666.56	-15579.40	395.72
103	13	10.75	0.15	9	2.84	-42355.30	-7130.97	-1015.90	-896.67	-24849.80	525.86
103	13	10.75	0.15	±	2.84	4800.52	62865.50	1410.02	573.43	104214.00	752.00
103	13	10.75	0.15	10	2.84	-42312.00	-7611.57	-1003.99	-893.40	-25231.30	510.54
103	13	10.75	0.15	±	2.84	5304.00	69350.00	1560.96	633.11	114821.00	836.21
103	13	10.75	0.15	11	2.84	-42355.30	-7130.97	-1015.90	-896.67	-24849.80	525.86
103	13	10.75	0.15	±	2.84	443.35	45213.80	-380.19	149.18	95155.50	445.10
103	13	10.75	0.15	12	2.84	-42312.00	-7611.57	-1003.99	-893.40	-25231.30	510.54
103	13	10.75	0.15	±	2.84	463.71	49511.90	-427.85	161.65	104436.00	480.30
103	13	10.75	0.15	13	2.84	-42355.30	-7130.97	-1015.90	-896.67	-24849.80	525.86
103	13	10.75	0.15	±	2.84	8048.53	45631.30	3138.16	815.48	45002.20	691.08
103	13	10.75	0.15	14	2.84	-42312.00	-7611.57	-1003.99	-893.40	-25231.30	510.54
103	13	10.75	0.15	±	2.84	8932.31	50892.90	3484.65	904.99	50197.60	790.67
103	13	10.75	0.15	15	2.84	-42355.30	-7130.97	-1015.90	-896.67	-24849.80	525.86
103	13	10.75	0.15	±	2.84	6475.37	13207.50	2829.21	598.70	-14808.60	331.95
103	13	10.75	0.15	16	2.84	-42312.00	-7611.57	-1003.99	-893.40	-25231.30	510.54
103	13	10.75	0.15	±	2.84	7201.99	15234.30	3144.72	666.56	-15579.40	395.72
103	13	10.75	0.15	17	2.84	-65445.70	3404.11	-1905.94	-1582.86	-23644.10	1046.25
103	13	10.75	0.15	18	2.84	-64798.10	-10832.50	-1765.20	-1494.19	-46005.50	1193.23
103	13	10.75	0.15	19	2.84	-64472.90	-5074.13	-1545.79	-1469.84	-34643.40	1121.49
103	13	10.75	0.15	20	2.84	-65770.80	-2354.21	-2125.35	-1607.21	-35006.20	1117.99
103	13	10.75	0.15	21	2.84	-46779.80	4583.86	-1351.82	-1111.13	-13489.70	706.19
103	13	10.75	0.15	22	2.84	-46132.20	-9652.70	-1211.07	-1022.46	-35851.00	853.18
103	13	10.75	0.15	23	2.84	-45807.00	-3894.38	-991.67	-998.11	-24488.90	781.43
103	13	10.75	0.15	24	2.84	-47104.90	-1174.46	-1571.23	-1135.49	-24851.80	777.93
103	13	10.75	0.15	25	2.84	-43995.80	4750.49	-1242.03	-1008.39	-10721.40	630.74
103	13	10.75	0.15	26	2.84	-43348.20	-9486.07	-1101.28	-919.72	-33082.70	777.73
103	13	10.75	0.15	27	2.84	-43023.00	-3727.75	-881.88	-895.37	-21720.60	705.99
103	13	10.75	0.15	28	2.84	-44321.00	-1007.83	-1461.43	-1032.74	-22083.40	702.49
103	13	10.75	0.15	29	2.84	-43113.70	4805.49	-1205.64	-973.72	-9844.40	605.96
103	13	10.75	0.15	30	2.84	-42466.10	-9431.08	-1064.89	-885.05	-32205.70	752.94
103	13	10.75	0.15	31	2.84	-42140.90	-3672.76	-845.49	-860.70	-20843.70	681.20
103	13	10.75	0.15	32	2.84	-43438.90	-952.83	-1425.05	-998.07	-21206.50	677.70
103	14	10.75	0.15	1	2.84	-42591.60	2507.71	-1254.63	-1589.41	-18346.20	839.40

103	14	10.75	0.15	±	2.84	4780.91	62865.40	1410.02	1276.48	75779.30	751.26
103	14	10.75	0.15	2	2.84	-42634.80	2988.31	-1266.54	-1598.63	-18190.30	854.76
103	14	10.75	0.15	±	2.84	5282.49	69350.00	1560.96	1411.28	83452.20	835.35
103	14	10.75	0.15	3	2.84	-42591.60	2507.71	-1254.63	-1589.41	-18346.20	839.40
103	14	10.75	0.15	±	2.84	415.90	45213.60	-380.19	-41.69	72810.70	441.66
103	14	10.75	0.15	4	2.84	-42634.80	2988.31	-1266.54	-1598.63	-18190.30	854.76
103	14	10.75	0.15	±	2.84	433.48	49511.60	-427.85	-53.04	79959.40	476.57
103	14	10.75	0.15	5	2.84	-42591.60	2507.71	-1254.63	-1589.41	-18346.20	839.40
103	14	10.75	0.15	±	2.84	8054.55	45631.50	3138.16	2382.17	27236.20	694.94
103	14	10.75	0.15	6	2.84	-42634.80	2988.31	-1266.54	-1598.63	-18190.30	854.76
103	14	10.75	0.15	±	2.84	8939.08	50893.10	3484.65	2644.27	30333.00	794.76
103	14	10.75	0.15	7	2.84	-42591.60	2507.71	-1254.63	-1589.41	-18346.20	839.40
103	14	10.75	0.15	±	2.84	6495.50	13207.80	2829.21	2011.73	-17340.80	337.06
103	14	10.75	0.15	8	2.84	-42634.80	2988.31	-1266.54	-1598.63	-18190.30	854.76
103	14	10.75	0.15	±	2.84	7224.29	15234.70	3144.72	2236.80	-18690.50	401.18
103	14	10.75	0.15	9	2.84	-41724.70	-7128.69	-1015.90	-1404.62	-21471.70	531.48
103	14	10.75	0.15	±	2.84	4780.91	62865.40	1410.02	1276.48	75779.30	751.26
103	14	10.75	0.15	10	2.84	-41681.40	-7609.29	-1003.99	-1395.40	-21627.60	516.12
103	14	10.75	0.15	±	2.84	5282.49	69350.00	1560.96	1411.28	83452.20	835.35
103	14	10.75	0.15	11	2.84	-41724.70	-7128.69	-1015.90	-1404.62	-21471.70	531.48
103	14	10.75	0.15	±	2.84	415.90	45213.60	-380.19	-41.69	72810.70	441.66
103	14	10.75	0.15	12	2.84	-41681.40	-7609.29	-1003.99	-1395.40	-21627.60	516.12
103	14	10.75	0.15	±	2.84	433.48	49511.60	-427.85	-53.04	79959.40	476.57
103	14	10.75	0.15	13	2.84	-41724.70	-7128.69	-1015.90	-1404.62	-21471.70	531.48
103	14	10.75	0.15	±	2.84	8054.55	45631.50	3138.16	2382.17	27236.20	694.94
103	14	10.75	0.15	14	2.84	-41681.40	-7609.29	-1003.99	-1395.40	-21627.60	516.12
103	14	10.75	0.15	±	2.84	8939.08	50893.10	3484.65	2644.27	30333.00	794.76
103	14	10.75	0.15	15	2.84	-41724.70	-7128.69	-1015.90	-1404.62	-21471.70	531.48
103	14	10.75	0.15	±	2.84	6495.50	13207.80	2829.21	2011.73	-17340.80	337.06
103	14	10.75	0.15	16	2.84	-41681.40	-7609.29	-1003.99	-1395.40	-21627.60	516.12
103	14	10.75	0.15	±	2.84	7224.29	15234.70	3144.72	2236.80	-18690.50	401.18
103	14	10.75	0.15	17	2.84	-64658.40	3407.69	-1905.94	-2535.83	-25199.30	1056.30
103	14	10.75	0.15	18	2.84	-64016.80	-10828.90	-1765.20	-2376.79	-40872.90	1202.76
103	14	10.75	0.15	19	2.84	-63686.80	-5070.58	-1545.79	-2242.73	-32216.50	1130.70
103	14	10.75	0.15	20	2.84	-64988.40	-2350.62	-2125.35	-2669.89	-33855.70	1128.36
103	14	10.75	0.15	21	2.84	-46160.00	4586.19	-1351.82	-1787.04	-15614.90	713.29
103	14	10.75	0.15	22	2.84	-45518.40	-9650.38	-1211.07	-1628.00	-31288.50	859.75
103	14	10.75	0.15	23	2.84	-45188.40	-3892.07	-991.67	-1493.94	-22632.10	787.70
103	14	10.75	0.15	24	2.84	-46490.00	-1172.11	-1571.23	-1921.10	-24271.30	785.35
103	14	10.75	0.15	25	2.84	-43364.70	4752.80	-1242.03	-1629.40	-12923.70	637.21
103	14	10.75	0.15	26	2.84	-42723.10	-9483.76	-1101.28	-1470.36	-28597.30	783.66
103	14	10.75	0.15	27	2.84	-42393.10	-3725.46	-881.88	-1336.30	-19940.90	711.61
103	14	10.75	0.15	28	2.84	-43694.70	-1005.50	-1461.43	-1763.46	-21580.10	709.26
103	14	10.75	0.15	29	2.84	-42478.90	4807.79	-1205.64	-1576.54	-12072.20	612.21
103	14	10.75	0.15	30	2.84	-41837.30	-9428.78	-1064.89	-1417.50	-27745.70	758.67
103	14	10.75	0.15	31	2.84	-41507.30	-3670.47	-845.49	-1283.44	-19089.30	686.61
103	14	10.75	0.15	32	2.84	-42808.90	-950.51	-1425.04	-1710.59	-20728.50	684.27
103	14	10.75	0.15	1	3.34	-42591.60	2507.71	-1254.63	-1589.41	-18346.20	839.40
103	14	10.75	0.15	±	3.34	4780.91	62865.40	1410.02	1276.48	75779.30	751.26
103	14	10.75	0.15	2	3.34	-42634.80	2988.31	-1266.54	-1598.63	-18190.30	854.76
103	14	10.75	0.15	±	3.34	5282.49	69350.00	1560.96	1411.28	83452.20	835.35
103	14	10.75	0.15	3	3.34	-42591.60	2507.71	-1254.63	-1589.41	-18346.20	839.40
103	14	10.75	0.15	±	3.34	415.90	45213.60	-380.19	-41.69	72810.70	441.66
103	14	10.75	0.15	4	3.34	-42634.80	2988.31	-1266.54	-1598.63	-18190.30	854.76
103	14	10.75	0.15	±	3.34	433.48	49511.60	-427.85	-53.04	79959.40	476.57
103	14	10.75	0.15	5	3.34	-42591.60	2507.71	-1254.63	-1589.41	-18346.20	839.40
103	14	10.75	0.15	±	3.34	8054.55	45631.50	3138.16	2382.17	27236.20	694.94
103	14	10.75	0.15	6	3.34	-42634.80	2988.31	-1266.54	-1598.63	-18190.30	854.76
103	14	10.75	0.15	±	3.34	8939.08	50893.10	3484.65	2644.27	30333.00	794.76
103	14	10.75	0.15	7	3.34	-42591.60	2507.71	-1254.63	-1589.41	-18346.20	839.40
103	14	10.75	0.15	±	3.34	6495.50	13207.80	2829.21	2011.73	-17340.80	337.06
103	14	10.75	0.15	8	3.34	-42634.80	2988.31	-1266.54	-1598.63	-18190.30	854.76
103	14	10.75	0.15	±	3.34	7224.29	15234.70	3144.72	2236.80	-18690.50	401.18
103	14	10.75	0.15	9	3.34	-41724.70	-7128.69	-1015.90	-1404.62	-21471.70	531.48
103	14	10.75	0.15	±	3.34	4780.91	62865.40	1410.02	1276.48	75779.30	751.26
103	14	10.75	0.15	10	3.34	-41681.40	-7609.29	-1003.99	-1395.40	-21627.60	516.12
103	14	10.75	0.15	±	3.34	5282.49	69350.00	1560.96	1411.28	83452.20	835.35
103	14	10.75	0.15	11	3.34	-41724.70	-7128.69	-1015.90	-1404.62	-21471.70	531.48
103	14	10.75	0.15	±	3.34	415.90	45213.60	-380.19	-41.69	72810.70	441.66
103	14	10.75	0.15	12	3.34	-41681.40	-7609.29	-1003.99	-1395.40	-21627.60	516.12
103	14	10.75	0.15	±	3.34	433.48	49511.60	-427.85	-53.04	79959.40	476.57
103	14	10.75	0.15	13	3.34	-41724.70	-7128.69	-1015.90	-1404.62	-21471.70	531.48
103	14	10.75	0.15	±	3.34	8054.55	45631.50	3138.16	2382.17	27236.20	694.94
103	14	10.75	0.15	14	3.34	-41681.40	-7609.29	-1003.99	-1395.40	-21627.60	516.12
103	14	10.75	0.15	±	3.34	8939.08	50893.10	3484.65	2644.27	30333.00	794.76
103	14	10.75	0.15	15	3.34	-41724.70	-7128.69	-1015.90	-1404.62	-21471.70	531.48
103	14	10.75	0.15	±	3.34	6495.50	13207.80	2829.21	2011.73	-17340.80	337.06
103	14	10.75	0.15	16	3.34	-41681.40	-7609.29	-1003.99	-1395.40	-21627.60	516.12
103	14	10.75	0.15	±	3.34	7224.29	15234.70	3144.72	2236.80	-18690.50	401.18
103	14	10.75	0.15	17	3.34	-64658.40	3407.69	-1905.94	-2535.83	-25199.30	1056.30
103	14	10.75	0.15	18	3.34	-64016.80	-10828.90	-1765.20	-2376.79	-40872.90	1202.76
103	14	10.75	0.15	19	3.34	-63686.80	-5070.58	-1545.79	-2242.73	-32216.50	1130.70

103	14	10.75	0.15	20	3.34	-64988.40	-2350.62	-2125.35	-2669.89	-33855.70	1128.36
103	14	10.75	0.15	21	3.34	-46160.00	4586.19	-1351.82	-1787.04	-15614.90	713.29
103	14	10.75	0.15	22	3.34	-45518.40	-9650.38	-1211.07	-1628.00	-31288.50	859.75
103	14	10.75	0.15	23	3.34	-45188.40	-3892.07	-991.67	-1493.94	-22632.10	787.70
103	14	10.75	0.15	24	3.34	-46490.00	-1172.11	-1571.23	-1921.10	-24271.30	785.35
103	14	10.75	0.15	25	3.34	-43364.70	4752.80	-1242.03	-1629.40	-12923.70	637.21
103	14	10.75	0.15	26	3.34	-42723.10	-9483.76	-1101.28	-1470.36	-28597.30	783.66
103	14	10.75	0.15	27	3.34	-42393.10	-3725.46	-881.88	-1336.30	-19940.90	711.61
103	14	10.75	0.15	28	3.34	-43694.70	-1005.50	-1461.43	-1763.46	-21580.10	709.26
103	14	10.75	0.15	29	3.34	-42478.90	4807.79	-1205.64	-1576.54	-12072.20	612.21
103	14	10.75	0.15	30	3.34	-41837.30	-9428.78	-1064.89	-1417.50	-27745.70	758.67
103	14	10.75	0.15	31	3.34	-41507.30	-3670.47	-845.49	-1283.44	-19089.30	686.61
103	14	10.75	0.15	32	3.34	-42808.90	-950.51	-1425.04	-1710.59	-20728.50	684.27
103	15	10.75	0.15	1	3.34	-40837.60	2510.33	-1254.63	-2216.73	-19968.30	869.79
103	15	10.75	0.15	±	3.34	4858.19	62865.80	1410.02	1980.81	53744.10	747.09
103	15	10.75	0.15	2	3.34	-40880.80	2990.94	-1266.54	-2231.90	-20032.40	885.33
103	15	10.75	0.15	±	3.34	5367.42	69350.30	1560.96	2190.98	59151.50	830.53
103	15	10.75	0.15	3	3.34	-40837.60	2510.33	-1254.63	-2216.73	-19968.30	869.79
103	15	10.75	0.15	±	3.34	500.32	45213.60	-380.19	-232.23	45394.50	423.88
103	15	10.75	0.15	4	3.34	-40880.80	2990.94	-1266.54	-2231.90	-20032.40	885.33
103	15	10.75	0.15	±	3.34	526.35	49511.60	-427.85	-267.44	49875.40	457.24
103	15	10.75	0.15	5	3.34	-40837.60	2510.33	-1254.63	-2216.73	-19968.30	869.79
103	15	10.75	0.15	±	3.34	8066.90	45632.10	3138.16	3950.70	28786.80	714.32
103	15	10.75	0.15	6	3.34	-40880.80	2990.94	-1266.54	-2231.90	-20032.40	885.33
103	15	10.75	0.15	±	3.34	8952.52	50893.70	3484.65	4385.91	31814.30	815.32
103	15	10.75	0.15	7	3.34	-40837.60	2510.33	-1254.63	-2216.73	-19968.30	869.79
103	15	10.75	0.15	±	3.34	6459.34	13208.30	2829.21	3426.13	-954.77	363.03
103	15	10.75	0.15	8	3.34	-40880.80	2990.94	-1266.54	-2231.90	-20032.40	885.33
103	15	10.75	0.15	±	3.34	7184.39	15235.20	3144.72	3808.85	-893.82	428.99
103	15	10.75	0.15	9	3.34	-39972.50	-7126.19	-1015.90	-1912.57	-18684.10	558.16
103	15	10.75	0.15	±	3.34	4858.19	62865.80	1410.02	1980.81	53744.10	747.09
103	15	10.75	0.15	10	3.34	-39929.40	-7606.80	-1003.99	-1897.40	-18620.00	542.62
103	15	10.75	0.15	±	3.34	5367.42	69350.30	1560.96	2190.98	59151.50	830.53
103	15	10.75	0.15	11	3.34	-39972.50	-7126.19	-1015.90	-1912.57	-18684.10	558.16
103	15	10.75	0.15	±	3.34	500.32	45213.60	-380.19	-232.23	45394.50	423.88
103	15	10.75	0.15	12	3.34	-39929.40	-7606.80	-1003.99	-1897.40	-18620.00	542.62
103	15	10.75	0.15	±	3.34	526.35	49511.60	-427.85	-267.44	49875.40	457.24
103	15	10.75	0.15	13	3.34	-39972.50	-7126.19	-1015.90	-1912.57	-18684.10	558.16
103	15	10.75	0.15	±	3.34	8066.90	45632.10	3138.16	3950.70	28786.80	714.32
103	15	10.75	0.15	14	3.34	-39929.40	-7606.80	-1003.99	-1897.40	-18620.00	542.62
103	15	10.75	0.15	±	3.34	8952.52	50893.70	3484.65	4385.91	31814.30	815.32
103	15	10.75	0.15	15	3.34	-39972.50	-7126.19	-1015.90	-1912.57	-18684.10	558.16
103	15	10.75	0.15	±	3.34	6459.34	13208.30	2829.21	3426.13	-954.77	363.03
103	15	10.75	0.15	16	3.34	-39929.40	-7606.80	-1003.99	-1897.40	-18620.00	542.62
103	15	10.75	0.15	±	3.34	7184.39	15235.20	3144.72	3808.85	-893.82	428.99
103	15	10.75	0.15	17	3.34	-62232.10	3411.72	-1905.94	-3488.80	-27487.00	1104.30
103	15	10.75	0.15	18	3.34	-61571.80	-10824.90	-1765.20	-3259.39	-36642.40	1248.00
103	15	10.75	0.15	19	3.34	-61252.50	-5066.62	-1545.79	-3015.63	-30621.60	1174.47
103	15	10.75	0.15	20	3.34	-62551.40	-2346.60	-2125.35	-3732.56	-33507.80	1177.82
103	15	10.75	0.15	21	3.34	-44409.50	4588.84	-1351.82	-2462.95	-18188.70	747.26
103	15	10.75	0.15	22	3.34	-43749.30	-9647.82	-1211.07	-2233.54	-27344.20	890.96
103	15	10.75	0.15	23	3.34	-43430.00	-3889.50	-991.67	-1989.77	-21323.30	817.44
103	15	10.75	0.15	24	3.34	-44728.80	-1169.48	-1571.23	-2706.71	-24209.60	820.79
103	15	10.75	0.15	25	3.34	-41619.40	4755.42	-1242.03	-2250.42	-15574.50	668.11
103	15	10.75	0.15	26	3.34	-40959.10	-9481.24	-1101.28	-2021.00	-24730.00	811.81
103	15	10.75	0.15	27	3.34	-40639.80	-3722.92	-881.88	-1777.24	-18709.10	738.29
103	15	10.75	0.15	28	3.34	-41938.70	-1002.90	-1461.43	-2494.18	-21595.40	741.63
103	15	10.75	0.15	29	3.34	-40735.20	4810.40	-1205.64	-2179.36	-14748.50	642.13
103	15	10.75	0.15	30	3.34	-40075.00	-9426.26	-1064.89	-1949.94	-23903.90	785.82
103	15	10.75	0.15	31	3.34	-39755.70	-3667.94	-845.49	-1706.18	-17883.10	712.30
103	15	10.75	0.15	32	3.34	-41054.50	-947.91	-1425.04	-2423.12	-20769.30	715.65
103	15	10.75	0.15	1	3.84	-40837.60	2510.33	-1254.63	-2216.73	-19968.30	869.79
103	15	10.75	0.15	±	3.84	4858.19	62865.80	1410.02	1980.81	53744.10	747.09
103	15	10.75	0.15	2	3.84	-40880.80	2990.94	-1266.54	-2231.90	-20032.40	885.33
103	15	10.75	0.15	±	3.84	5367.42	69350.30	1560.96	2190.98	59151.50	830.53
103	15	10.75	0.15	3	3.84	-40837.60	2510.33	-1254.63	-2216.73	-19968.30	869.79
103	15	10.75	0.15	±	3.84	500.32	45213.60	-380.19	-232.23	45394.50	423.88
103	15	10.75	0.15	4	3.84	-40880.80	2990.94	-1266.54	-2231.90	-20032.40	885.33
103	15	10.75	0.15	±	3.84	526.35	49511.60	-427.85	-267.44	49875.40	457.24
103	15	10.75	0.15	5	3.84	-40837.60	2510.33	-1254.63	-2216.73	-19968.30	869.79
103	15	10.75	0.15	±	3.84	8066.90	45632.10	3138.16	3950.70	28786.80	714.32
103	15	10.75	0.15	6	3.84	-40880.80	2990.94	-1266.54	-2231.90	-20032.40	885.33
103	15	10.75	0.15	±	3.84	8952.52	50893.70	3484.65	4385.91	31814.30	815.32
103	15	10.75	0.15	7	3.84	-40837.60	2510.33	-1254.63	-2216.73	-19968.30	869.79
103	15	10.75	0.15	±	3.84	6459.34	13208.30	2829.21	3426.13	-954.77	363.03
103	15	10.75	0.15	8	3.84	-40880.80	2990.94	-1266.54	-2231.90	-20032.40	885.33
103	15	10.75	0.15	±	3.84	7184.39	15235.20	3144.72	3808.85	-893.82	428.99
103	15	10.75	0.15	9	3.84	-39972.50	-7126.19	-1015.90	-1912.57	-18684.10	558.16
103	15	10.75	0.15	±	3.84	4858.19	62865.80	1410.02	1980.81	53744.10	747.09
103	15	10.75	0.15	10	3.84	-39929.40	-7606.80	-1003.99	-1897.40	-18620.00	542.62
103	15	10.75	0.15	±	3.84	5367.42	69350.30	1560.96	2190.98	59151.50	830.53
103	15	10.75	0.15	11	3.84	-39972.50	-7126.19	-1015.90	-1912.57	-18684.10	558.16

103	15	10.75	0.15	±	3.84	500.32	45213.60	-380.19	-232.23	45394.50	423.88
103	15	10.75	0.15	12	3.84	-39929.40	-7606.80	-1003.99	-1897.40	-18620.00	542.62
103	15	10.75	0.15	±	3.84	526.35	49511.60	-427.85	-267.44	49875.40	457.24
103	15	10.75	0.15	13	3.84	-39972.50	-7126.19	-1015.90	-1912.57	-18684.10	558.16
103	15	10.75	0.15	±	3.84	8066.90	45632.10	3138.16	3950.70	28786.80	714.32
103	15	10.75	0.15	14	3.84	-39929.40	-7606.80	-1003.99	-1897.40	-18620.00	542.62
103	15	10.75	0.15	±	3.84	8952.52	50893.70	3484.65	4385.91	31814.30	815.32
103	15	10.75	0.15	15	3.84	-39972.50	-7126.19	-1015.90	-1912.57	-18684.10	558.16
103	15	10.75	0.15	±	3.84	6459.34	13208.30	2829.21	3426.13	-954.77	363.03
103	15	10.75	0.15	16	3.84	-39929.40	-7606.80	-1003.99	-1897.40	-18620.00	542.62
103	15	10.75	0.15	±	3.84	7184.39	15235.20	3144.72	3808.85	-893.82	428.99
103	15	10.75	0.15	17	3.84	-62232.10	3411.72	-1905.94	-3488.80	-27487.00	1104.30
103	15	10.75	0.15	18	3.84	-61571.80	-10824.90	-1765.20	-3259.39	-36642.40	1248.00
103	15	10.75	0.15	19	3.84	-61252.50	-5066.62	-1545.79	-3015.63	-30621.60	1174.47
103	15	10.75	0.15	20	3.84	-62551.40	-2346.60	-2125.35	-3732.56	-33507.80	1177.82
103	15	10.75	0.15	21	3.84	-44409.50	4588.84	-1351.82	-2462.95	-18188.70	747.26
103	15	10.75	0.15	22	3.84	-43749.30	-9647.82	-1211.07	-2233.54	-27344.20	890.96
103	15	10.75	0.15	23	3.84	-43430.00	-3889.50	-991.67	-1989.77	-21323.30	817.44
103	15	10.75	0.15	24	3.84	-44728.80	-1169.48	-1571.23	-2706.71	-24209.60	820.79
103	15	10.75	0.15	25	3.84	-41619.40	4755.42	-1242.03	-2250.42	-15574.50	668.11
103	15	10.75	0.15	26	3.84	-40959.10	-9481.24	-1101.28	-2021.00	-24730.00	811.81
103	15	10.75	0.15	27	3.84	-40639.80	-3722.92	-881.88	-1777.24	-18709.10	738.29
103	15	10.75	0.15	28	3.84	-41938.70	-1002.90	-1461.43	-2494.18	-21595.40	741.63
103	15	10.75	0.15	29	3.84	-40735.20	4810.40	-1205.64	-2179.36	-14748.50	642.13
103	15	10.75	0.15	30	3.84	-40075.00	-9426.26	-1064.89	-1949.94	-23903.90	785.82
103	15	10.75	0.15	31	3.84	-39755.70	-3667.94	-845.49	-1706.18	-17883.10	712.30
103	15	10.75	0.15	32	3.84	-41054.50	-947.91	-1425.04	-2423.12	-20769.30	715.65
103	16	10.75	0.15	1	3.84	-31463.40	2513.18	-1254.63	-2844.05	-24365.10	473.49
103	16	10.75	0.15	±	3.84	5248.51	62866.90	1410.02	2685.47	37648.50	847.41
103	16	10.75	0.15	2	3.84	-31504.50	2993.80	-1266.54	-2865.17	-24608.90	486.56
103	16	10.75	0.15	±	3.84	5795.27	69351.60	1560.96	2971.06	41512.90	943.39
103	16	10.75	0.15	3	3.84	-31463.40	2513.18	-1254.63	-2844.05	-24365.10	473.49
103	16	10.75	0.15	±	3.84	1128.56	45214.20	-380.19	-422.59	22886.90	626.43
103	16	10.75	0.15	4	3.84	-31504.50	2993.80	-1266.54	-2865.17	-24608.90	486.56
103	16	10.75	0.15	±	3.84	1218.51	49512.30	-427.85	-481.65	25060.50	677.47
103	16	10.75	0.15	5	3.84	-31463.40	2513.18	-1254.63	-2844.05	-24365.10	473.49
103	16	10.75	0.15	±	3.84	7823.15	45633.30	3138.16	5519.53	33683.00	589.37
103	16	10.75	0.15	6	3.84	-31504.50	2993.80	-1266.54	-2865.17	-24608.90	486.56
103	16	10.75	0.15	±	3.84	8680.01	50895.10	3484.65	6127.93	37406.70	686.32
103	16	10.75	0.15	7	3.84	-31463.40	2513.18	-1254.63	-2844.05	-24365.10	473.49
103	16	10.75	0.15	±	3.84	5910.03	13209.00	2829.21	4840.67	15522.30	147.22
103	16	10.75	0.15	8	3.84	-31504.50	2993.80	-1266.54	-2865.17	-24608.90	486.56
103	16	10.75	0.15	±	3.84	6575.87	15235.90	3144.72	5381.11	17434.70	200.07
103	16	10.75	0.15	9	3.84	-30637.70	-7123.61	-1015.90	-2420.52	-19475.50	211.29
103	16	10.75	0.15	±	3.84	5248.51	62866.90	1410.02	2685.47	37648.50	847.41
103	16	10.75	0.15	10	3.84	-30596.50	-7604.23	-1004.00	-2399.40	-19231.70	198.22
103	16	10.75	0.15	±	3.84	5795.27	69351.60	1560.96	2971.06	41512.90	943.39
103	16	10.75	0.15	11	3.84	-30637.70	-7123.61	-1015.90	-2420.52	-19475.50	211.29
103	16	10.75	0.15	±	3.84	1128.56	45214.20	-380.19	-422.59	22886.90	626.43
103	16	10.75	0.15	12	3.84	-30596.50	-7604.23	-1004.00	-2399.40	-19231.70	198.22
103	16	10.75	0.15	±	3.84	1218.51	49512.30	-427.85	-481.65	25060.50	677.47
103	16	10.75	0.15	13	3.84	-30637.70	-7123.61	-1015.90	-2420.52	-19475.50	211.29
103	16	10.75	0.15	±	3.84	7823.15	45633.30	3138.16	5519.53	33683.00	589.37
103	16	10.75	0.15	14	3.84	-30596.50	-7604.23	-1004.00	-2399.40	-19231.70	198.22
103	16	10.75	0.15	±	3.84	8680.01	50895.10	3484.65	6127.93	37406.70	686.32
103	16	10.75	0.15	15	3.84	-30637.70	-7123.61	-1015.90	-2420.52	-19475.50	211.29
103	16	10.75	0.15	±	3.84	5910.03	13209.00	2829.21	4840.67	15522.30	147.22
103	16	10.75	0.15	16	3.84	-30596.50	-7604.23	-1004.00	-2399.40	-19231.70	198.22
103	16	10.75	0.15	±	3.84	6575.87	15235.90	3144.72	5381.11	17434.70	200.07
103	16	10.75	0.15	17	3.84	-48526.20	3416.08	-1905.95	-4441.78	-33872.90	478.32
103	16	10.75	0.15	18	3.84	-47749.50	-10820.90	-1765.20	-4141.99	-37847.90	660.07
103	16	10.75	0.15	19	3.84	-47528.00	-5062.45	-1545.79	-3788.53	-33898.70	605.42
103	16	10.75	0.15	20	3.84	-48747.70	-2342.32	-2125.35	-4795.24	-37822.20	532.97
103	16	10.75	0.15	21	3.84	-34863.30	4591.75	-1351.82	-3138.86	-23160.00	303.85
103	16	10.75	0.15	22	3.84	-34086.60	-9645.19	-1211.07	-2839.07	-27135.10	485.60
103	16	10.75	0.15	23	3.84	-33865.10	-3886.79	-991.67	-2485.61	-23185.80	430.95
103	16	10.75	0.15	24	3.84	-35084.80	-1166.66	-1571.23	-3492.32	-27109.30	358.50
103	16	10.75	0.15	25	3.84	-32261.10	4758.29	-1242.03	-2871.43	-20704.80	264.57
103	16	10.75	0.15	26	3.84	-31484.40	-9478.65	-1101.28	-2571.64	-24679.80	446.31
103	16	10.75	0.15	27	3.84	-31262.90	-3720.25	-881.88	-2218.18	-20730.60	391.66
103	16	10.75	0.15	28	3.84	-32482.60	-1000.12	-1461.43	-3224.89	-24654.10	319.21
103	16	10.75	0.15	29	3.84	-31438.90	4813.25	-1205.64	-2782.18	-19932.80	251.52
103	16	10.75	0.15	30	3.84	-30662.20	-9423.69	-1064.89	-2482.39	-23907.80	433.26
103	16	10.75	0.15	31	3.84	-30440.70	-3665.29	-845.49	-2128.93	-19958.50	378.61
103	16	10.75	0.15	32	3.84	-31660.40	-945.15	-1425.05	-3135.64	-23882.10	306.17
103	16	10.75	0.15	1	4.34	-31463.40	2513.18	-1254.63	-2844.05	-24365.10	473.49
103	16	10.75	0.15	±	4.34	5248.51	62866.90	1410.02	2685.47	37648.50	847.41
103	16	10.75	0.15	2	4.34	-31504.50	2993.80	-1266.54	-2865.17	-24608.90	486.56
103	16	10.75	0.15	±	4.34	5795.27	69351.60	1560.96	2971.06	41512.90	943.39
103	16	10.75	0.15	3	4.34	-31463.40	2513.18	-1254.63	-2844.05	-24365.10	473.49
103	16	10.75	0.15	±	4.34	1128.56	45214.20	-380.19	-422.59	22886.90	626.43
103	16	10.75	0.15	4	4.34	-31504.50	2993.80	-1266.54	-2865.17	-24608.90	486.56

103	16	10.75	0.15	±	4.34	1218.51	49512.30	-427.85	-481.65	25060.50	677.47
103	16	10.75	0.15	5	4.34	-31463.40	2513.18	-1254.63	-2844.05	-24365.10	473.49
103	16	10.75	0.15	±	4.34	7823.15	45633.30	3138.16	5519.53	33683.00	589.37
103	16	10.75	0.15	6	4.34	-31504.50	2993.80	-1266.54	-2865.17	-24608.90	486.56
103	16	10.75	0.15	±	4.34	8680.01	50895.10	3484.65	6127.93	37406.70	686.32
103	16	10.75	0.15	7	4.34	-31463.40	2513.18	-1254.63	-2844.05	-24365.10	473.49
103	16	10.75	0.15	±	4.34	5910.03	13209.00	2829.21	4840.67	15522.30	147.22
103	16	10.75	0.15	8	4.34	-31504.50	2993.80	-1266.54	-2865.17	-24608.90	486.56
103	16	10.75	0.15	±	4.34	6575.87	15235.90	3144.72	5381.11	17434.70	200.07
103	16	10.75	0.15	9	4.34	-30637.70	-7123.61	-1015.90	-2420.52	-19475.50	211.29
103	16	10.75	0.15	±	4.34	5248.51	62866.90	1410.02	2685.47	37648.50	847.41
103	16	10.75	0.15	10	4.34	-30596.50	-7604.23	-1004.00	-2399.40	-19231.70	198.22
103	16	10.75	0.15	±	4.34	5795.27	69351.60	1560.96	2971.06	41512.90	943.39
103	16	10.75	0.15	11	4.34	-30637.70	-7123.61	-1015.90	-2420.52	-19475.50	211.29
103	16	10.75	0.15	±	4.34	1128.56	45214.20	-380.19	-422.59	22886.90	626.43
103	16	10.75	0.15	12	4.34	-30596.50	-7604.23	-1004.00	-2399.40	-19231.70	198.22
103	16	10.75	0.15	±	4.34	1218.51	49512.30	-427.85	-481.65	25060.50	677.47
103	16	10.75	0.15	13	4.34	-30637.70	-7123.61	-1015.90	-2420.52	-19475.50	211.29
103	16	10.75	0.15	±	4.34	7823.15	45633.30	3138.16	5519.53	33683.00	589.37
103	16	10.75	0.15	14	4.34	-30596.50	-7604.23	-1004.00	-2399.40	-19231.70	198.22
103	16	10.75	0.15	±	4.34	8680.01	50895.10	3484.65	6127.93	37406.70	686.32
103	16	10.75	0.15	15	4.34	-30637.70	-7123.61	-1015.90	-2420.52	-19475.50	211.29
103	16	10.75	0.15	±	4.34	5910.03	13209.00	2829.21	4840.67	15522.30	147.22
103	16	10.75	0.15	16	4.34	-30596.50	-7604.23	-1004.00	-2399.40	-19231.70	198.22
103	16	10.75	0.15	±	4.34	6575.87	15235.90	3144.72	5381.11	17434.70	200.07
103	16	10.75	0.15	17	4.34	-48526.20	3416.08	-1905.95	-4441.78	-33872.90	478.32
103	16	10.75	0.15	18	4.34	-47749.50	-10820.90	-1765.20	-4141.99	-37847.90	660.07
103	16	10.75	0.15	19	4.34	-47528.00	-5062.45	-1545.79	-3788.53	-33898.70	605.42
103	16	10.75	0.15	20	4.34	-48747.70	-2342.32	-2125.35	-4795.24	-37822.20	532.97
103	16	10.75	0.15	21	4.34	-34863.30	4591.75	-1351.82	-3138.86	-23160.00	303.85
103	16	10.75	0.15	22	4.34	-34086.60	-9645.19	-1211.07	-2839.07	-27135.10	485.60
103	16	10.75	0.15	23	4.34	-33865.10	-3886.79	-991.67	-2485.61	-23185.80	430.95
103	16	10.75	0.15	24	4.34	-35084.80	-1166.66	-1571.23	-3492.32	-27109.30	358.50
103	16	10.75	0.15	25	4.34	-32261.10	4758.29	-1242.03	-2871.43	-20704.80	264.57
103	16	10.75	0.15	26	4.34	-31484.40	-9478.65	-1101.28	-2571.64	-24679.80	446.31
103	16	10.75	0.15	27	4.34	-31262.90	-3720.25	-881.88	-2218.18	-20730.60	391.66
103	16	10.75	0.15	28	4.34	-32482.60	-1000.12	-1461.43	-3224.89	-24654.10	319.21
103	16	10.75	0.15	29	4.34	-31438.90	4813.25	-1205.64	-2782.18	-19932.80	251.52
103	16	10.75	0.15	30	4.34	-30662.20	-9423.69	-1064.89	-2482.39	-23907.80	433.26
103	16	10.75	0.15	31	4.34	-30440.70	-3665.29	-845.49	-2128.93	-19958.50	378.61
103	16	10.75	0.15	32	4.34	-31660.40	-945.15	-1425.05	-3135.64	-23882.10	306.17
107	1	17.79	15.35	1	-3.25	-55439.80	24.23	1895.79	-1972.56	110.55	20.67
107	1	17.79	15.35	±	-3.25	25051.50	292.58	2807.06	11010.60	567.13	665.16
107	1	17.79	15.35	2	-3.25	-55516.00	21.98	1896.34	-2068.87	110.85	26.60
107	1	17.79	15.35	±	-3.25	27715.10	323.68	3096.42	12236.50	624.75	734.19
107	1	17.79	15.35	3	-3.25	-55439.80	24.23	1895.79	-1972.56	110.55	20.67
107	1	17.79	15.35	±	-3.25	3810.71	251.81	1651.87	-3199.84	420.92	497.00
107	1	17.79	15.35	4	-3.25	-55516.00	21.98	1896.34	-2068.87	110.85	26.60
107	1	17.79	15.35	±	-3.25	4027.64	275.02	1807.28	-3642.90	461.86	543.88
107	1	17.79	15.35	5	-3.25	-55439.80	24.23	1895.79	-1972.56	110.55	20.67
107	1	17.79	15.35	±	-3.25	39730.60	149.61	2594.16	24855.80	391.91	454.60
107	1	17.79	15.35	6	-3.25	-55516.00	21.98	1896.34	-2068.87	110.85	26.60
107	1	17.79	15.35	±	-3.25	44240.50	170.91	2884.12	27754.70	434.47	508.89
107	1	17.79	15.35	7	-3.25	-55439.80	24.23	1895.79	-1972.56	110.55	20.67
107	1	17.79	15.35	±	-3.25	31072.00	-13.71	1256.47	22512.50	95.49	105.95
107	1	17.79	15.35	8	-3.25	-55516.00	21.98	1896.34	-2068.87	110.85	26.60
107	1	17.79	15.35	±	-3.25	34717.70	-8.71	1413.01	25176.60	108.49	125.47
107	1	17.79	15.35	9	-3.25	-53913.20	69.39	1884.61	-41.33	104.58	-98.39
107	1	17.79	15.35	±	-3.25	25051.50	292.58	2807.06	11010.60	567.13	665.16
107	1	17.79	15.35	10	-3.25	-53837.10	71.65	1884.06	54.99	104.28	-104.33
107	1	17.79	15.35	±	-3.25	27715.10	323.68	3096.42	12236.50	624.75	734.19
107	1	17.79	15.35	11	-3.25	-53913.20	69.39	1884.61	-41.33	104.58	-98.39
107	1	17.79	15.35	±	-3.25	3810.71	251.81	1651.87	-3199.84	420.92	497.00
107	1	17.79	15.35	12	-3.25	-53837.10	71.65	1884.06	54.99	104.28	-104.33
107	1	17.79	15.35	±	-3.25	4027.64	275.02	1807.28	-3642.90	461.86	543.88
107	1	17.79	15.35	13	-3.25	-53913.20	69.39	1884.61	-41.33	104.58	-98.39
107	1	17.79	15.35	±	-3.25	39730.60	149.61	2594.16	24855.80	391.91	454.60
107	1	17.79	15.35	14	-3.25	-53837.10	71.65	1884.06	54.99	104.28	-104.33
107	1	17.79	15.35	±	-3.25	44240.50	170.91	2884.12	27754.70	434.47	508.89
107	1	17.79	15.35	15	-3.25	-53913.20	69.39	1884.61	-41.33	104.58	-98.39
107	1	17.79	15.35	±	-3.25	31072.00	-13.71	1256.47	22512.50	95.49	105.95
107	1	17.79	15.35	16	-3.25	-53837.10	71.65	1884.06	54.99	104.28	-104.33
107	1	17.79	15.35	±	-3.25	34717.70	-8.71	1413.01	25176.60	108.49	125.47
107	1	17.79	15.35	17	-3.25	-85069.40	104.69	2867.26	-1811.82	223.83	-122.77
107	1	17.79	15.35	18	-3.25	-81666.10	32.62	3414.98	-977.35	98.24	19.08
107	1	17.79	15.35	19	-3.25	-87405.00	65.75	2949.08	-4176.30	190.00	-64.49
107	1	17.79	15.35	20	-3.25	-79330.50	71.56	3333.16	1387.13	132.07	-39.20
107	1	17.79	15.35	21	-3.25	-61030.30	86.17	2021.87	-1371.85	177.75	-106.31
107	1	17.79	15.35	22	-3.25	-57627.10	14.09	2569.59	-537.37	52.16	35.53
107	1	17.79	15.35	23	-3.25	-63365.90	47.22	2103.69	-3736.32	143.92	-48.04
107	1	17.79	15.35	24	-3.25	-55291.50	53.03	2487.77	1827.10	86.00	-22.74
107	1	17.79	15.35	25	-3.25	-57480.10	83.65	1714.72	-1411.13	172.08	-108.94

107	1	17.79	15.35	26	-3.25	-54076.90	11.57	2262.44	-576.66	46.49	32.90
107	1	17.79	15.35	27	-3.25	-59815.80	44.71	1796.54	-3775.61	138.25	-50.67
107	1	17.79	15.35	28	-3.25	-51741.30	50.51	2180.62	1787.82	80.32	-25.37
107	1	17.79	15.35	29	-3.25	-56378.20	82.85	1616.34	-1424.18	170.36	-109.78
107	1	17.79	15.35	30	-3.25	-52974.90	10.77	2164.06	-589.71	44.77	32.06
107	1	17.79	15.35	31	-3.25	-58713.80	43.91	1698.16	-3788.66	136.53	-51.51
107	1	17.79	15.35	32	-3.25	-50639.30	49.72	2082.24	1774.77	78.60	-26.22
107	1	17.79	15.35	1	-2.81	-55439.80	24.23	1895.79	-1972.66	110.55	20.67
107	1	17.79	15.35	±	-2.81	25051.50	292.58	2807.06	11010.70	567.13	665.16
107	1	17.79	15.35	2	-2.81	-55516.00	21.98	1896.34	-2068.98	110.85	26.60
107	1	17.79	15.35	±	-2.81	27715.10	323.68	3096.42	12236.60	624.75	734.19
107	1	17.79	15.35	3	-2.81	-55439.80	24.23	1895.79	-1972.66	110.55	20.67
107	1	17.79	15.35	±	-2.81	3810.71	251.81	1651.87	-3199.83	420.92	497.00
107	1	17.79	15.35	4	-2.81	-55516.00	21.98	1896.34	-2068.98	110.85	26.60
107	1	17.79	15.35	±	-2.81	4027.64	275.02	1807.28	-3642.89	461.86	543.88
107	1	17.79	15.35	5	-2.81	-55439.80	24.23	1895.79	-1972.66	110.55	20.67
107	1	17.79	15.35	±	-2.81	39730.60	149.61	2594.16	24855.80	391.91	454.60
107	1	17.79	15.35	6	-2.81	-55516.00	21.98	1896.34	-2068.98	110.85	26.60
107	1	17.79	15.35	±	-2.81	44240.50	170.91	2884.12	27754.80	434.47	508.89
107	1	17.79	15.35	7	-2.81	-55439.80	24.23	1895.79	-1972.66	110.55	20.67
107	1	17.79	15.35	±	-2.81	31072.00	-13.71	1256.47	22512.60	95.49	105.95
107	1	17.79	15.35	8	-2.81	-55516.00	21.98	1896.34	-2068.98	110.85	26.60
107	1	17.79	15.35	±	-2.81	34717.70	-8.71	1413.01	25176.70	108.49	125.47
107	1	17.79	15.35	9	-2.81	-53913.20	69.39	1884.61	-41.43	104.58	-98.39
107	1	17.79	15.35	±	-2.81	25051.50	292.58	2807.06	11010.70	567.13	665.16
107	1	17.79	15.35	10	-2.81	-53837.10	71.65	1884.06	54.88	104.28	-104.33
107	1	17.79	15.35	±	-2.81	27715.10	323.68	3096.42	12236.60	624.75	734.19
107	1	17.79	15.35	11	-2.81	-53913.20	69.39	1884.61	-41.43	104.58	-98.39
107	1	17.79	15.35	±	-2.81	3810.71	251.81	1651.87	-3199.83	420.92	497.00
107	1	17.79	15.35	12	-2.81	-53837.10	71.65	1884.06	54.88	104.28	-104.33
107	1	17.79	15.35	±	-2.81	4027.64	275.02	1807.28	-3642.89	461.86	543.88
107	1	17.79	15.35	13	-2.81	-53913.20	69.39	1884.61	-41.43	104.58	-98.39
107	1	17.79	15.35	±	-2.81	39730.60	149.61	2594.16	24855.80	391.91	454.60
107	1	17.79	15.35	14	-2.81	-53837.10	71.65	1884.06	54.88	104.28	-104.33
107	1	17.79	15.35	±	-2.81	44240.50	170.91	2884.12	27754.80	434.47	508.89
107	1	17.79	15.35	15	-2.81	-53913.20	69.39	1884.61	-41.43	104.58	-98.39
107	1	17.79	15.35	±	-2.81	31072.00	-13.71	1256.47	22512.60	95.49	105.95
107	1	17.79	15.35	16	-2.81	-53837.10	71.65	1884.06	54.88	104.28	-104.33
107	1	17.79	15.35	±	-2.81	34717.70	-8.71	1413.01	25176.70	108.49	125.47
107	1	17.79	15.35	17	-2.81	-85069.40	104.69	2867.26	-1811.99	223.83	-122.77
107	1	17.79	15.35	18	-2.81	-81666.10	32.62	3414.98	-977.51	98.24	19.08
107	1	17.79	15.35	19	-2.81	-87405.00	65.75	2949.08	-4176.47	190.00	-64.49
107	1	17.79	15.35	20	-2.81	-79330.50	71.56	3333.16	1386.97	132.07	-39.20
107	1	17.79	15.35	21	-2.81	-61030.30	86.17	2021.87	-1371.96	177.75	-106.31
107	1	17.79	15.35	22	-2.81	-57627.10	14.09	2569.59	-537.48	52.16	35.53
107	1	17.79	15.35	23	-2.81	-63365.90	47.22	2103.69	-3736.45	143.92	-48.04
107	1	17.79	15.35	24	-2.81	-55291.50	53.03	2487.77	1827.00	86.00	-22.74
107	1	17.79	15.35	25	-2.81	-57480.10	83.65	1714.72	-1411.24	172.08	-108.94
107	1	17.79	15.35	26	-2.81	-54076.90	11.57	2262.44	-576.76	46.49	32.90
107	1	17.79	15.35	27	-2.81	-59815.80	44.71	1796.54	-3775.73	138.25	-50.67
107	1	17.79	15.35	28	-2.81	-51741.30	50.51	2180.62	1787.72	80.32	-25.37
107	1	17.79	15.35	29	-2.81	-56378.20	82.85	1616.34	-1424.29	170.36	-109.79
107	1	17.79	15.35	30	-2.81	-52974.90	10.77	2164.06	-589.81	44.77	32.06
107	1	17.79	15.35	31	-2.81	-58713.80	43.91	1698.16	-3788.77	136.53	-51.51
107	1	17.79	15.35	32	-2.81	-50639.30	49.72	2082.24	1774.67	78.60	-26.22
107	2	17.79	15.35	1	-2.81	-56210.80	-69.03	1433.14	-2037.19	106.74	82.94
107	2	17.79	15.35	±	-2.81	22953.30	258.90	3596.92	11240.30	570.45	135.65
107	2	17.79	15.35	2	-2.81	-56288.30	-68.92	1424.37	-2153.74	107.38	87.07
107	2	17.79	15.35	±	-2.81	25399.70	285.67	3975.99	12508.00	628.82	152.53
107	2	17.79	15.35	3	-2.81	-56210.80	-69.03	1433.14	-2037.19	106.74	82.94
107	2	17.79	15.35	±	-2.81	3049.75	117.83	1304.90	-4518.24	378.83	64.69
107	2	17.79	15.35	4	-2.81	-56288.30	-68.92	1424.37	-2153.74	107.38	87.07
107	2	17.79	15.35	±	-2.81	3198.76	128.64	1414.87	-5109.98	415.14	67.80
107	2	17.79	15.35	5	-2.81	-56210.80	-69.03	1433.14	-2037.19	106.74	82.94
107	2	17.79	15.35	±	-2.81	37073.10	291.64	4555.31	27272.50	461.76	148.32
107	2	17.79	15.35	6	-2.81	-56288.30	-68.92	1424.37	-2153.74	107.38	87.07
107	2	17.79	15.35	±	-2.81	41291.30	323.86	5077.16	30473.10	512.71	174.27
107	2	17.79	15.35	7	-2.81	-56210.80	-69.03	1433.14	-2037.19	106.74	82.94
107	2	17.79	15.35	±	-2.81	29272.10	178.62	3084.76	25255.90	176.98	88.21
107	2	17.79	15.35	8	-2.81	-56288.30	-68.92	1424.37	-2153.74	107.38	87.07
107	2	17.79	15.35	±	-2.81	32711.70	199.56	3459.90	28253.70	199.53	108.17
107	2	17.79	15.35	9	-2.81	-54656.80	-71.11	1609.02	299.78	93.79	0.20
107	2	17.79	15.35	±	-2.81	22953.30	258.90	3596.92	11240.30	570.45	135.65
107	2	17.79	15.35	10	-2.81	-54579.30	-71.21	1617.79	416.33	93.15	-3.93
107	2	17.79	15.35	±	-2.81	25399.70	285.67	3975.99	12508.00	628.82	152.53
107	2	17.79	15.35	11	-2.81	-54656.80	-71.11	1609.02	299.78	93.79	0.20
107	2	17.79	15.35	±	-2.81	3049.75	117.83	1304.90	-4518.24	378.83	64.69
107	2	17.79	15.35	12	-2.81	-54579.30	-71.21	1617.79	416.33	93.15	-3.93
107	2	17.79	15.35	±	-2.81	3198.76	128.64	1414.87	-5109.98	415.14	67.80
107	2	17.79	15.35	13	-2.81	-54656.80	-71.11	1609.02	299.78	93.79	0.20
107	2	17.79	15.35	±	-2.81	37073.10	291.64	4555.31	27272.50	461.76	148.32
107	2	17.79	15.35	14	-2.81	-54579.30	-71.21	1617.79	416.33	93.15	-3.93

107	2	17.79	15.35	±	-2.81	41291.30	323.86	5077.16	30473.10	512.71	174.27
107	2	17.79	15.35	15	-2.81	-54656.80	-71.11	1609.02	299.78	93.79	0.20
107	2	17.79	15.35	±	-2.81	29272.10	178.62	3084.76	25255.90	176.98	88.21
107	2	17.79	15.35	16	-2.81	-54579.30	-71.21	1617.79	416.33	93.15	-3.93
107	2	17.79	15.35	±	-2.81	32711.70	199.56	3459.90	28253.70	199.53	108.17
107	2	17.79	15.35	17	-2.81	-86207.30	-122.46	2285.06	-1505.49	209.11	50.38
107	2	17.79	15.35	18	-2.81	-83150.70	-80.07	2878.03	-829.46	90.43	72.26
107	2	17.79	15.35	19	-2.81	-88470.70	-127.13	2165.77	-4264.85	187.54	68.19
107	2	17.79	15.35	20	-2.81	-80887.20	-75.41	2997.32	1929.89	112.00	54.46
107	2	17.79	15.35	21	-2.81	-61736.60	-91.15	1605.78	-1121.51	165.25	33.34
107	2	17.79	15.35	22	-2.81	-58680.00	-48.75	2198.76	-445.47	46.57	55.22
107	2	17.79	15.35	23	-2.81	-64000.00	-95.81	1486.49	-3880.86	143.68	51.15
107	2	17.79	15.35	24	-2.81	-56416.50	-44.09	2318.05	2313.88	68.14	37.41
107	2	17.79	15.35	25	-2.81	-58092.60	-91.21	1317.12	-1185.85	160.90	31.26
107	2	17.79	15.35	26	-2.81	-55036.00	-48.81	1910.10	-509.82	42.22	53.14
107	2	17.79	15.35	27	-2.81	-60356.10	-95.87	1197.83	-3945.20	139.33	49.07
107	2	17.79	15.35	28	-2.81	-52772.50	-44.15	2029.39	2249.54	63.79	35.34
107	2	17.79	15.35	29	-2.81	-56962.10	-91.26	1224.59	-1206.72	159.60	30.63
107	2	17.79	15.35	30	-2.81	-53905.50	-48.87	1817.57	-530.68	40.92	52.51
107	2	17.79	15.35	31	-2.81	-59225.60	-95.93	1105.30	-3966.07	138.04	48.44
107	2	17.79	15.35	32	-2.81	-51642.00	-44.21	1936.86	2228.67	62.49	34.70
107	2	17.79	15.35	1	-2.37	-56210.80	-69.03	1433.14	-2037.30	106.74	82.94
107	2	17.79	15.35	±	-2.37	22953.30	258.90	3596.92	11240.30	570.45	135.65
107	2	17.79	15.35	2	-2.37	-56288.30	-68.92	1424.37	-2153.85	107.38	87.07
107	2	17.79	15.35	±	-2.37	25399.70	285.67	3975.99	12508.10	628.82	152.53
107	2	17.79	15.35	3	-2.37	-56210.80	-69.03	1433.14	-2037.30	106.74	82.94
107	2	17.79	15.35	±	-2.37	3049.75	117.83	1304.90	-4518.24	378.83	64.69
107	2	17.79	15.35	4	-2.37	-56288.30	-68.92	1424.37	-2153.85	107.38	87.07
107	2	17.79	15.35	±	-2.37	3198.76	128.64	1414.87	-5109.98	415.14	67.80
107	2	17.79	15.35	5	-2.37	-56210.80	-69.03	1433.14	-2037.30	106.74	82.94
107	2	17.79	15.35	±	-2.37	37073.10	291.64	4555.31	27272.60	461.76	148.32
107	2	17.79	15.35	6	-2.37	-56288.30	-68.92	1424.37	-2153.85	107.38	87.07
107	2	17.79	15.35	±	-2.37	41291.30	323.86	5077.16	30473.20	512.71	174.27
107	2	17.79	15.35	7	-2.37	-56210.80	-69.03	1433.14	-2037.30	106.74	82.94
107	2	17.79	15.35	±	-2.37	29272.10	178.62	3084.76	25255.90	176.98	88.21
107	2	17.79	15.35	8	-2.37	-56288.30	-68.92	1424.37	-2153.85	107.38	87.07
107	2	17.79	15.35	±	-2.37	32711.70	199.56	3459.90	28253.70	199.53	108.17
107	2	17.79	15.35	9	-2.37	-54656.80	-71.11	1609.02	299.68	93.79	0.20
107	2	17.79	15.35	±	-2.37	22953.30	258.90	3596.92	11240.30	570.45	135.65
107	2	17.79	15.35	10	-2.37	-54579.30	-71.21	1617.79	416.23	93.15	-3.93
107	2	17.79	15.35	±	-2.37	25399.70	285.67	3975.99	12508.10	628.82	152.53
107	2	17.79	15.35	11	-2.37	-54656.80	-71.11	1609.02	299.68	93.79	0.20
107	2	17.79	15.35	±	-2.37	3049.75	117.83	1304.90	-4518.24	378.83	64.69
107	2	17.79	15.35	12	-2.37	-54579.30	-71.21	1617.79	416.23	93.15	-3.93
107	2	17.79	15.35	±	-2.37	3198.76	128.64	1414.87	-5109.98	415.14	67.80
107	2	17.79	15.35	13	-2.37	-54656.80	-71.11	1609.02	299.68	93.79	0.20
107	2	17.79	15.35	±	-2.37	37073.10	291.64	4555.31	27272.60	461.76	148.32
107	2	17.79	15.35	14	-2.37	-54579.30	-71.21	1617.79	416.23	93.15	-3.93
107	2	17.79	15.35	±	-2.37	41291.30	323.86	5077.16	30473.20	512.71	174.27
107	2	17.79	15.35	15	-2.37	-54656.80	-71.11	1609.02	299.68	93.79	0.20
107	2	17.79	15.35	±	-2.37	29272.10	178.62	3084.76	25255.90	176.98	88.21
107	2	17.79	15.35	16	-2.37	-54579.30	-71.21	1617.79	416.23	93.15	-3.93
107	2	17.79	15.35	±	-2.37	32711.70	199.56	3459.90	28253.70	199.53	108.17
107	2	17.79	15.35	17	-2.37	-86207.30	-122.46	2285.06	-1505.66	209.11	50.38
107	2	17.79	15.35	18	-2.37	-83150.70	-80.07	2878.03	-829.62	90.43	72.26
107	2	17.79	15.35	19	-2.37	-88470.70	-127.13	2165.77	-4265.01	187.54	68.19
107	2	17.79	15.35	20	-2.37	-80887.20	-75.41	2997.32	1929.74	112.00	54.46
107	2	17.79	15.35	21	-2.37	-61736.60	-91.15	1605.78	-1121.63	165.25	33.34
107	2	17.79	15.35	22	-2.37	-58680.00	-48.75	2198.76	-445.58	46.57	55.22
107	2	17.79	15.35	23	-2.37	-64000.00	-95.81	1486.49	-3880.98	143.68	51.15
107	2	17.79	15.35	24	-2.37	-56416.50	-44.09	2318.05	2313.77	68.14	37.41
107	2	17.79	15.35	25	-2.37	-58092.60	-91.21	1317.12	-1185.97	160.90	31.26
107	2	17.79	15.35	26	-2.37	-55036.00	-48.81	1910.10	-509.92	42.22	53.14
107	2	17.79	15.35	27	-2.37	-60356.10	-95.87	1197.83	-3945.32	139.33	49.07
107	2	17.79	15.35	28	-2.37	-52772.50	-44.15	2029.39	2249.43	63.79	35.34
107	2	17.79	15.35	29	-2.37	-56962.10	-91.26	1224.59	-1206.83	159.60	30.63
107	2	17.79	15.35	30	-2.37	-53905.50	-48.87	1817.57	-530.79	40.92	52.51
107	2	17.79	15.35	31	-2.37	-59225.60	-95.93	1105.30	-3966.19	138.04	48.44
107	2	17.79	15.35	32	-2.37	-51642.00	-44.21	1936.86	2228.57	62.49	34.70
107	3	17.79	15.35	1	-2.37	-57332.00	-96.78	905.80	-2128.56	126.66	91.94
107	3	17.79	15.35	±	-2.37	20656.30	576.92	4876.40	12204.10	699.76	202.90
107	3	17.79	15.35	2	-2.37	-57408.90	-95.27	880.35	-2275.19	126.98	95.50
107	3	17.79	15.35	±	-2.37	22863.20	635.54	5402.47	13599.10	771.42	226.40
107	3	17.79	15.35	3	-2.37	-57332.00	-96.78	905.80	-2128.56	126.66	91.94
107	3	17.79	15.35	±	-2.37	2373.51	385.13	595.97	-6252.92	433.63	139.69
107	3	17.79	15.35	4	-2.37	-57408.90	-95.27	880.35	-2275.19	126.98	95.50
107	3	17.79	15.35	±	-2.37	2465.38	422.47	616.15	-7045.47	475.02	150.38
107	3	17.79	15.35	5	-2.37	-57332.00	-96.78	905.80	-2128.56	126.66	91.94
107	3	17.79	15.35	±	-2.37	33925.90	463.97	7954.90	31654.30	613.55	156.75
107	3	17.79	15.35	6	-2.37	-57408.90	-95.27	880.35	-2275.19	126.98	95.50
107	3	17.79	15.35	±	-2.37	37795.70	513.81	8879.99	35390.70	680.98	183.21
107	3	17.79	15.35	7	-2.37	-57332.00	-96.78	905.80	-2128.56	126.66	91.94

107	3	17.79	15.35	±	-2.37	27016.90	175.35	6313.19	29869.00	273.53	53.97
107	3	17.79	15.35	8	-2.37	-57408.90	-95.27	880.35	-2275.19	126.98	95.50
107	3	17.79	15.35	±	-2.37	30197.20	196.41	7074.40	33424.60	307.05	70.18
107	3	17.79	15.35	9	-2.37	-55789.40	-127.00	1416.10	811.52	120.24	20.56
107	3	17.79	15.35	±	-2.37	20656.30	576.92	4876.40	12204.10	699.76	202.90
107	3	17.79	15.35	10	-2.37	-55712.50	-128.50	1441.55	958.15	119.92	17.00
107	3	17.79	15.35	±	-2.37	22863.20	635.54	5402.47	13599.10	771.42	226.40
107	3	17.79	15.35	11	-2.37	-55789.40	-127.00	1416.10	811.52	120.24	20.56
107	3	17.79	15.35	±	-2.37	2373.51	385.13	595.97	-6252.92	433.63	139.69
107	3	17.79	15.35	12	-2.37	-55712.50	-128.50	1441.55	958.15	119.92	17.00
107	3	17.79	15.35	±	-2.37	2465.38	422.47	616.15	-7045.47	475.02	150.38
107	3	17.79	15.35	13	-2.37	-55789.40	-127.00	1416.10	811.52	120.24	20.56
107	3	17.79	15.35	±	-2.37	33925.90	463.97	7954.90	31654.30	613.55	156.75
107	3	17.79	15.35	14	-2.37	-55712.50	-128.50	1441.55	958.15	119.92	17.00
107	3	17.79	15.35	±	-2.37	37795.70	513.81	8879.99	35390.70	680.98	183.21
107	3	17.79	15.35	15	-2.37	-55789.40	-127.00	1416.10	811.52	120.24	20.56
107	3	17.79	15.35	±	-2.37	27016.90	175.35	6313.19	29869.00	273.53	53.97
107	3	17.79	15.35	16	-2.37	-55712.50	-128.50	1441.55	958.15	119.92	17.00
107	3	17.79	15.35	±	-2.37	30197.20	196.41	7074.40	33424.60	307.05	70.18
107	3	17.79	15.35	17	-2.37	-87907.80	-217.98	1715.90	-1081.47	253.20	101.87
107	3	17.79	15.35	18	-2.37	-85210.00	-103.02	2361.47	-541.94	113.67	55.71
107	3	17.79	15.35	19	-2.37	-90048.70	-193.11	1230.98	-4451.26	234.22	90.87
107	3	17.79	15.35	20	-2.37	-83069.10	-127.89	2846.39	2827.85	132.65	66.70
107	3	17.79	15.35	21	-2.37	-62835.10	-167.69	1202.65	-781.10	198.19	78.41
107	3	17.79	15.35	22	-2.37	-60137.30	-52.72	1848.22	-241.57	58.67	32.26
107	3	17.79	15.35	23	-2.37	-64976.00	-142.82	717.73	-4150.89	179.22	67.42
107	3	17.79	15.35	24	-2.37	-57996.30	-77.59	2333.14	3128.22	77.65	43.25
107	3	17.79	15.35	25	-2.37	-59075.20	-168.92	926.57	-892.79	194.34	79.08
107	3	17.79	15.35	26	-2.37	-56377.30	-53.96	1572.14	-353.26	54.81	32.92
107	3	17.79	15.35	27	-2.37	-61216.10	-144.05	441.65	-4262.58	175.36	68.08
107	3	17.79	15.35	28	-2.37	-54236.40	-78.83	2057.06	3016.53	73.79	43.91
107	3	17.79	15.35	29	-2.37	-57909.60	-169.37	838.17	-928.28	193.21	79.33
107	3	17.79	15.35	30	-2.37	-55211.80	-54.40	1483.73	-388.76	53.68	33.17
107	3	17.79	15.35	31	-2.37	-60050.60	-144.50	353.25	-4298.07	174.24	68.33
107	3	17.79	15.35	32	-2.37	-53070.90	-79.27	1968.66	2981.04	72.66	44.16
107	3	17.79	15.35	1	-1.93	-57332.00	-96.78	905.80	-2128.67	126.66	91.94
107	3	17.79	15.35	±	-1.93	20656.30	576.92	4876.40	12204.10	699.76	202.90
107	3	17.79	15.35	2	-1.93	-57408.90	-95.27	880.35	-2275.30	126.98	95.50
107	3	17.79	15.35	±	-1.93	22863.20	635.54	5402.47	13599.20	771.42	226.40
107	3	17.79	15.35	3	-1.93	-57332.00	-96.78	905.80	-2128.67	126.66	91.94
107	3	17.79	15.35	±	-1.93	2373.51	385.13	595.97	-6252.91	433.63	139.69
107	3	17.79	15.35	4	-1.93	-57408.90	-95.27	880.35	-2275.30	126.98	95.50
107	3	17.79	15.35	±	-1.93	2465.38	422.47	616.15	-7045.47	475.02	150.38
107	3	17.79	15.35	5	-1.93	-57332.00	-96.78	905.80	-2128.67	126.66	91.94
107	3	17.79	15.35	±	-1.93	33925.90	463.97	7954.90	31654.40	613.55	156.75
107	3	17.79	15.35	6	-1.93	-57408.90	-95.27	880.35	-2275.30	126.98	95.50
107	3	17.79	15.35	±	-1.93	37795.70	513.81	8879.99	35390.80	680.98	183.21
107	3	17.79	15.35	7	-1.93	-57332.00	-96.78	905.80	-2128.67	126.66	91.94
107	3	17.79	15.35	±	-1.93	27016.90	175.35	6313.19	29869.00	273.53	53.97
107	3	17.79	15.35	8	-1.93	-57408.90	-95.27	880.35	-2275.30	126.98	95.50
107	3	17.79	15.35	±	-1.93	30197.20	196.41	7074.40	33424.70	307.05	70.18
107	3	17.79	15.35	9	-1.93	-55789.40	-127.00	1416.10	811.42	120.24	20.56
107	3	17.79	15.35	±	-1.93	20656.30	576.92	4876.40	12204.10	699.76	202.90
107	3	17.79	15.35	10	-1.93	-55712.50	-128.50	1441.55	958.05	119.92	17.00
107	3	17.79	15.35	±	-1.93	22863.20	635.54	5402.47	13599.20	771.42	226.40
107	3	17.79	15.35	11	-1.93	-55789.40	-127.00	1416.10	811.42	120.24	20.56
107	3	17.79	15.35	±	-1.93	2373.51	385.13	595.97	-6252.91	433.63	139.69
107	3	17.79	15.35	12	-1.93	-55712.50	-128.50	1441.55	958.05	119.92	17.00
107	3	17.79	15.35	±	-1.93	2465.38	422.47	616.15	-7045.47	475.02	150.38
107	3	17.79	15.35	13	-1.93	-55789.40	-127.00	1416.10	811.42	120.24	20.56
107	3	17.79	15.35	±	-1.93	33925.90	463.97	7954.90	31654.40	613.55	156.75
107	3	17.79	15.35	14	-1.93	-55712.50	-128.50	1441.55	958.05	119.92	17.00
107	3	17.79	15.35	±	-1.93	37795.70	513.81	8879.99	35390.80	680.98	183.21
107	3	17.79	15.35	15	-1.93	-55789.40	-127.00	1416.10	811.42	120.24	20.56
107	3	17.79	15.35	±	-1.93	27016.90	175.35	6313.19	29869.00	273.53	53.97
107	3	17.79	15.35	16	-1.93	-55712.50	-128.50	1441.55	958.05	119.92	17.00
107	3	17.79	15.35	±	-1.93	30197.20	196.41	7074.40	33424.70	307.05	70.18
107	3	17.79	15.35	17	-1.93	-87907.80	-217.98	1715.90	-1081.64	253.20	101.87
107	3	17.79	15.35	18	-1.93	-85210.00	-103.02	2361.47	-542.11	113.67	55.71
107	3	17.79	15.35	19	-1.93	-90048.70	-193.11	1230.98	-4451.44	234.22	90.87
107	3	17.79	15.35	20	-1.93	-83069.10	-127.89	2846.39	2827.69	132.65	66.70
107	3	17.79	15.35	21	-1.93	-62835.10	-167.69	1202.65	-781.22	198.19	78.41
107	3	17.79	15.35	22	-1.93	-60137.30	-52.72	1848.22	-241.69	58.67	32.26
107	3	17.79	15.35	23	-1.93	-64976.00	-142.82	717.73	-4151.02	179.22	67.42
107	3	17.79	15.35	24	-1.93	-57996.30	-77.59	2333.14	3128.11	77.65	43.25
107	3	17.79	15.35	25	-1.93	-59075.20	-168.92	926.57	-892.90	194.34	79.08
107	3	17.79	15.35	26	-1.93	-56377.30	-53.96	1572.14	-353.37	54.81	32.92
107	3	17.79	15.35	27	-1.93	-61216.10	-144.05	441.65	-4262.70	175.36	68.08
107	3	17.79	15.35	28	-1.93	-54236.40	-78.83	2057.06	3016.43	73.79	43.91
107	3	17.79	15.35	29	-1.93	-57909.60	-169.37	838.17	-928.39	193.21	79.33
107	3	17.79	15.35	30	-1.93	-55211.80	-54.40	1483.73	-388.86	53.68	33.17
107	3	17.79	15.35	31	-1.93	-60050.60	-144.50	353.25	-4298.19	174.24	68.34

107	3	17.79	15.35	32	-1.93	-53070.90	-79.27	1968.66	2980.94	72.66	44.16
107	4	17.79	15.35	1	-1.93	-59399.30	-129.46	541.55	-2477.37	160.38	112.94
107	4	17.79	15.35	±	-1.93	18205.20	1070.30	6198.84	14230.20	974.09	526.25
107	4	17.79	15.35	2	-1.93	-59472.50	-125.53	496.42	-2667.65	159.71	115.75
107	4	17.79	15.35	±	-1.93	20154.00	1178.65	6879.13	15875.50	1073.59	581.15
107	4	17.79	15.35	3	-1.93	-59399.30	-129.46	541.55	-2477.37	160.38	112.94
107	4	17.79	15.35	±	-1.93	1885.98	800.82	-287.00	-8549.85	602.70	442.71
107	4	17.79	15.35	4	-1.93	-59472.50	-125.53	496.42	-2667.65	159.71	115.75
107	4	17.79	15.35	±	-1.93	1942.76	879.10	-376.63	-9613.94	660.48	484.47
107	4	17.79	15.35	5	-1.93	-59399.30	-129.46	541.55	-2477.37	160.38	112.94
107	4	17.79	15.35	±	-1.93	30212.40	729.82	11696.50	38818.90	855.49	284.57
107	4	17.79	15.35	6	-1.93	-59472.50	-125.53	496.42	-2667.65	159.71	115.75
107	4	17.79	15.35	±	-1.93	33666.50	807.90	13068.30	43421.60	948.63	320.97
107	4	17.79	15.35	7	-1.93	-59399.30	-129.46	541.55	-2477.37	160.38	112.94
107	4	17.79	15.35	±	-1.93	24185.00	168.48	9922.96	37114.70	382.46	-6.11
107	4	17.79	15.35	8	-1.93	-59472.50	-125.53	496.42	-2667.65	159.71	115.75
107	4	17.79	15.35	±	-1.93	27037.50	190.58	11117.60	41543.10	428.42	1.29
107	4	17.79	15.35	9	-1.93	-57933.50	-208.23	1446.41	1338.03	173.84	56.72
107	4	17.79	15.35	±	-1.93	18205.20	1070.30	6198.84	14230.20	974.09	526.25
107	4	17.79	15.35	10	-1.93	-57860.40	-212.16	1491.53	1528.32	174.51	53.92
107	4	17.79	15.35	±	-1.93	20154.00	1178.65	6879.13	15875.50	1073.59	581.15
107	4	17.79	15.35	11	-1.93	-57933.50	-208.23	1446.41	1338.03	173.84	56.72
107	4	17.79	15.35	±	-1.93	1885.98	800.82	-287.00	-8549.85	602.70	442.71
107	4	17.79	15.35	12	-1.93	-57860.40	-212.16	1491.53	1528.32	174.51	53.92
107	4	17.79	15.35	±	-1.93	1942.76	879.10	-376.63	-9613.94	660.48	484.47
107	4	17.79	15.35	13	-1.93	-57933.50	-208.23	1446.41	1338.03	173.84	56.72
107	4	17.79	15.35	±	-1.93	30212.40	729.82	11696.50	38818.90	855.49	284.57
107	4	17.79	15.35	14	-1.93	-57860.40	-212.16	1491.53	1528.32	174.51	53.92
107	4	17.79	15.35	±	-1.93	33666.50	807.90	13068.30	43421.60	948.63	320.97
107	4	17.79	15.35	15	-1.93	-57933.50	-208.23	1446.41	1338.03	173.84	56.72
107	4	17.79	15.35	±	-1.93	24185.00	168.48	9922.96	37114.70	382.46	-6.11
107	4	17.79	15.35	16	-1.93	-57860.40	-212.16	1491.53	1528.32	174.51	53.92
107	4	17.79	15.35	±	-1.93	27037.50	190.58	11117.60	41543.10	428.42	1.29
107	4	17.79	15.35	17	-1.93	-91119.10	-353.21	1459.21	-841.09	342.37	179.00
107	4	17.79	15.35	18	-1.93	-88772.90	-126.94	2137.98	-402.16	150.21	55.25
107	4	17.79	15.35	19	-1.93	-93065.00	-281.72	555.67	-5123.66	314.54	137.69
107	4	17.79	15.35	20	-1.93	-86826.90	-198.44	3041.53	3880.41	178.04	96.56
107	4	17.79	15.35	21	-1.93	-65004.00	-275.95	1030.82	-563.07	266.63	141.79
107	4	17.79	15.35	22	-1.93	-62657.90	-49.68	1709.59	-124.14	74.47	18.04
107	4	17.79	15.35	23	-1.93	-66950.00	-204.45	127.28	-4845.64	238.80	100.48
107	4	17.79	15.35	24	-1.93	-60711.90	-121.17	2613.14	4158.43	102.31	59.35
107	4	17.79	15.35	25	-1.93	-61060.50	-280.47	745.47	-735.25	263.93	145.48
107	4	17.79	15.35	26	-1.93	-58714.40	-54.20	1424.24	-296.32	71.77	21.73
107	4	17.79	15.35	27	-1.93	-63006.50	-208.97	-158.08	-5017.82	236.10	104.17
107	4	17.79	15.35	28	-1.93	-56768.40	-125.69	2327.78	3986.25	99.60	63.04
107	4	17.79	15.35	29	-1.93	-59839.50	-281.98	654.59	-789.13	263.19	146.71
107	4	17.79	15.35	30	-1.93	-57493.40	-55.71	1333.36	-350.20	71.02	22.96
107	4	17.79	15.35	31	-1.93	-61785.50	-210.48	-248.95	-5071.70	235.35	105.40
107	4	17.79	15.35	32	-1.93	-55547.40	-127.20	2236.91	3932.37	98.86	64.27
107	4	17.79	15.35	1	-1.48	-59399.30	-129.46	541.55	-2477.48	160.38	112.94
107	4	17.79	15.35	±	-1.48	18205.20	1070.30	6198.84	14230.30	974.09	526.25
107	4	17.79	15.35	2	-1.48	-59472.50	-125.53	496.42	-2667.77	159.71	115.75
107	4	17.79	15.35	±	-1.48	20154.00	1178.65	6879.13	15875.50	1073.59	581.15
107	4	17.79	15.35	3	-1.48	-59399.30	-129.46	541.55	-2477.48	160.38	112.94
107	4	17.79	15.35	±	-1.48	1885.98	800.82	-287.00	-8549.85	602.70	442.71
107	4	17.79	15.35	4	-1.48	-59472.50	-125.53	496.42	-2667.77	159.71	115.75
107	4	17.79	15.35	±	-1.48	1942.76	879.10	-376.63	-9613.94	660.48	484.47
107	4	17.79	15.35	5	-1.48	-59399.30	-129.46	541.55	-2477.48	160.38	112.94
107	4	17.79	15.35	±	-1.48	30212.40	729.82	11696.50	38818.90	855.49	284.57
107	4	17.79	15.35	6	-1.48	-59472.50	-125.53	496.42	-2667.77	159.71	115.75
107	4	17.79	15.35	±	-1.48	33666.50	807.90	13068.30	43421.60	948.63	320.97
107	4	17.79	15.35	7	-1.48	-59399.30	-129.46	541.55	-2477.48	160.38	112.94
107	4	17.79	15.35	±	-1.48	24185.00	168.48	9922.96	37114.80	382.46	-6.11
107	4	17.79	15.35	8	-1.48	-59472.50	-125.53	496.42	-2667.77	159.71	115.75
107	4	17.79	15.35	±	-1.48	27037.50	190.58	11117.60	41543.20	428.42	1.29
107	4	17.79	15.35	9	-1.48	-57933.50	-208.23	1446.41	1337.92	173.84	56.72
107	4	17.79	15.35	±	-1.48	18205.20	1070.30	6198.84	14230.30	974.09	526.25
107	4	17.79	15.35	10	-1.48	-57860.40	-212.16	1491.53	1528.21	174.51	53.92
107	4	17.79	15.35	±	-1.48	20154.00	1178.65	6879.13	15875.50	1073.59	581.15
107	4	17.79	15.35	11	-1.48	-57933.50	-208.23	1446.41	1337.92	173.84	56.72
107	4	17.79	15.35	±	-1.48	1885.98	800.82	-287.00	-8549.85	602.70	442.71
107	4	17.79	15.35	12	-1.48	-57860.40	-212.16	1491.53	1528.21	174.51	53.92
107	4	17.79	15.35	±	-1.48	1942.76	879.10	-376.63	-9613.94	660.48	484.47
107	4	17.79	15.35	13	-1.48	-57933.50	-208.23	1446.41	1337.92	173.84	56.72
107	4	17.79	15.35	±	-1.48	30212.40	729.82	11696.50	38818.90	855.49	284.57
107	4	17.79	15.35	14	-1.48	-57860.40	-212.16	1491.53	1528.21	174.51	53.92
107	4	17.79	15.35	±	-1.48	33666.50	807.90	13068.30	43421.60	948.63	320.97
107	4	17.79	15.35	15	-1.48	-57933.50	-208.23	1446.41	1337.92	173.84	56.72
107	4	17.79	15.35	±	-1.48	24185.00	168.48	9922.96	37114.80	382.46	-6.11
107	4	17.79	15.35	16	-1.48	-57860.40	-212.16	1491.53	1528.21	174.51	53.92
107	4	17.79	15.35	±	-1.48	27037.50	190.58	11117.60	41543.20	428.42	1.29
107	4	17.79	15.35	17	-1.48	-91119.10	-353.21	1459.21	-841.26	342.37	179.00

107	4	17.79	15.35	18	-1.48	-88772.90	-126.94	2137.98	-402.33	150.21	55.25
107	4	17.79	15.35	19	-1.48	-93065.00	-281.72	555.67	-5123.84	314.54	137.69
107	4	17.79	15.35	20	-1.48	-86826.90	-198.44	3041.53	3880.24	178.04	96.56
107	4	17.79	15.35	21	-1.48	-65004.00	-275.95	1030.82	-563.19	266.63	141.79
107	4	17.79	15.35	22	-1.48	-62657.90	-49.68	1709.59	-124.26	74.47	18.04
107	4	17.79	15.35	23	-1.48	-66950.00	-204.45	127.28	-4845.77	238.80	100.48
107	4	17.79	15.35	24	-1.48	-60711.90	-121.17	2613.14	4158.32	102.31	59.35
107	4	17.79	15.35	25	-1.48	-61060.50	-280.47	745.47	-735.36	263.93	145.48
107	4	17.79	15.35	26	-1.48	-58714.40	-54.20	1424.24	-296.43	71.77	21.73
107	4	17.79	15.35	27	-1.48	-63006.50	-208.97	-158.08	-5017.94	236.10	104.17
107	4	17.79	15.35	28	-1.48	-56768.40	-125.69	2327.78	3986.14	99.60	63.04
107	4	17.79	15.35	29	-1.48	-59839.50	-281.98	654.59	-789.24	263.19	146.71
107	4	17.79	15.35	30	-1.48	-57493.40	-55.71	1333.36	-350.31	71.02	22.96
107	4	17.79	15.35	31	-1.48	-61785.50	-210.48	-248.95	-5071.82	235.35	105.40
107	4	17.79	15.35	32	-1.48	-55547.40	-127.20	2236.91	3932.26	98.86	64.27
107	5	17.79	15.35	1	-1.48	-62730.50	-215.48	427.50	-3106.56	220.25	201.81
107	5	17.79	15.35	±	-1.48	15737.10	1933.43	7099.07	17817.20	1523.76	1076.81
107	5	17.79	15.35	2	-1.48	-62795.70	-206.61	364.46	-3361.40	217.15	202.62
107	5	17.79	15.35	±	-1.48	17422.50	2129.40	7888.38	19893.60	1678.74	1185.60
107	5	17.79	15.35	3	-1.48	-62730.50	-215.48	427.50	-3106.56	220.25	201.81
107	5	17.79	15.35	±	-1.48	1704.29	1538.30	-1141.18	-11717.40	997.61	914.21
107	5	17.79	15.35	4	-1.48	-62795.70	-206.61	364.46	-3361.40	217.15	202.62
107	5	17.79	15.35	±	-1.48	1759.90	1688.60	-1334.56	-13162.30	1094.11	1004.01
107	5	17.79	15.35	5	-1.48	-62730.50	-215.48	427.50	-3106.56	220.25	201.81
107	5	17.79	15.35	±	-1.48	26004.30	1179.32	14627.40	50139.30	1255.12	569.67
107	5	17.79	15.35	6	-1.48	-62795.70	-206.61	364.46	-3361.40	217.15	202.62
107	5	17.79	15.35	±	-1.48	28981.70	1307.36	16354.60	56102.80	1390.31	631.09
107	5	17.79	15.35	7	-1.48	-62730.50	-215.48	427.50	-3106.56	220.25	201.81
107	5	17.79	15.35	±	-1.48	20771.80	137.80	12840.10	48309.40	498.71	-27.64
107	5	17.79	15.35	8	-1.48	-62795.70	-206.61	364.46	-3361.40	217.15	202.62
107	5	17.79	15.35	±	-1.48	23227.00	161.96	14388.50	54083.40	558.46	-25.79
107	5	17.79	15.35	9	-1.48	-61422.10	-393.23	1691.54	2002.98	282.53	185.66
107	5	17.79	15.35	±	-1.48	15737.10	1933.43	7099.07	17817.20	1523.76	1076.81
107	5	17.79	15.35	10	-1.48	-61356.90	-402.10	1754.58	2257.81	285.64	184.85
107	5	17.79	15.35	±	-1.48	17422.50	2129.40	7888.38	19893.60	1678.74	1185.60
107	5	17.79	15.35	11	-1.48	-61422.10	-393.23	1691.54	2002.98	282.53	185.66
107	5	17.79	15.35	±	-1.48	1704.29	1538.30	-1141.18	-11717.40	997.61	914.21
107	5	17.79	15.35	12	-1.48	-61356.90	-402.10	1754.58	2257.81	285.64	184.85
107	5	17.79	15.35	±	-1.48	1759.90	1688.60	-1334.56	-13162.30	1094.11	1004.01
107	5	17.79	15.35	13	-1.48	-61422.10	-393.23	1691.54	2002.98	282.53	185.66
107	5	17.79	15.35	±	-1.48	26004.30	1179.32	14627.40	50139.30	1255.12	569.67
107	5	17.79	15.35	14	-1.48	-61356.90	-402.10	1754.58	2257.81	285.64	184.85
107	5	17.79	15.35	±	-1.48	28981.70	1307.36	16354.60	56102.80	1390.31	631.09
107	5	17.79	15.35	15	-1.48	-61422.10	-393.23	1691.54	2002.98	282.53	185.66
107	5	17.79	15.35	±	-1.48	20771.80	137.80	12840.10	48309.40	498.71	-27.64
107	5	17.79	15.35	16	-1.48	-61356.90	-402.10	1754.58	2257.81	285.64	184.85
107	5	17.79	15.35	±	-1.48	23227.00	161.96	14388.50	54083.40	558.46	-25.79
107	5	17.79	15.35	17	-1.48	-96357.50	-642.62	1587.61	-701.73	519.41	397.65
107	5	17.79	15.35	18	-1.48	-94324.40	-221.40	2254.22	-315.01	213.61	148.54
107	5	17.79	15.35	19	-1.48	-98023.00	-484.32	330.97	-6352.81	458.37	307.88
107	5	17.79	15.35	20	-1.48	-92658.90	-379.69	3510.86	5336.06	274.65	238.31
107	5	17.79	15.35	21	-1.48	-68614.70	-499.95	1142.43	-400.96	403.41	307.50
107	5	17.79	15.35	22	-1.48	-66581.60	-78.73	1809.04	-14.24	97.61	58.39
107	5	17.79	15.35	23	-1.48	-70280.10	-341.65	-114.21	-6052.04	342.37	217.73
107	5	17.79	15.35	24	-1.48	-64916.10	-237.02	3065.68	5636.83	158.66	148.16
107	5	17.79	15.35	25	-1.48	-64397.00	-511.27	826.04	-663.95	403.97	315.63
107	5	17.79	15.35	26	-1.48	-62363.90	-90.04	1492.66	-277.23	98.17	66.52
107	5	17.79	15.35	27	-1.48	-66062.40	-352.97	-430.60	-6315.02	342.93	225.86
107	5	17.79	15.35	28	-1.48	-60698.40	-248.34	2749.29	5373.84	159.22	156.28
107	5	17.79	15.35	29	-1.48	-63092.90	-514.97	726.21	-745.15	404.29	318.29
107	5	17.79	15.35	30	-1.48	-61059.80	-93.74	1392.83	-358.43	98.49	69.18
107	5	17.79	15.35	31	-1.48	-64758.30	-356.67	-530.42	-6396.22	343.25	228.52
107	5	17.79	15.35	32	-1.48	-59394.30	-252.04	2649.47	5292.64	159.54	158.94
107	5	17.79	15.35	1	-1.04	-62730.50	-215.48	427.50	-3106.68	220.25	201.81
107	5	17.79	15.35	±	-1.04	15737.10	1933.43	7099.07	17817.20	1523.76	1076.82
107	5	17.79	15.35	2	-1.04	-62795.70	-206.61	364.46	-3361.52	217.15	202.62
107	5	17.79	15.35	±	-1.04	17422.50	2129.40	7888.38	19893.60	1678.74	1185.60
107	5	17.79	15.35	3	-1.04	-62730.50	-215.48	427.50	-3106.68	220.25	201.81
107	5	17.79	15.35	±	-1.04	1704.29	1538.30	-1141.18	-11717.40	997.61	914.21
107	5	17.79	15.35	4	-1.04	-62795.70	-206.61	364.46	-3361.52	217.15	202.62
107	5	17.79	15.35	±	-1.04	1759.90	1688.60	-1334.56	-13162.30	1094.11	1004.02
107	5	17.79	15.35	5	-1.04	-62730.50	-215.48	427.50	-3106.68	220.25	201.81
107	5	17.79	15.35	±	-1.04	26004.30	1179.32	14627.40	50139.40	1255.12	569.67
107	5	17.79	15.35	6	-1.04	-62795.70	-206.61	364.46	-3361.52	217.15	202.62
107	5	17.79	15.35	±	-1.04	28981.70	1307.36	16354.60	56102.90	1390.31	631.09
107	5	17.79	15.35	7	-1.04	-62730.50	-215.48	427.50	-3106.68	220.25	201.81
107	5	17.79	15.35	±	-1.04	20771.80	137.80	12840.10	48309.40	498.71	-27.64
107	5	17.79	15.35	8	-1.04	-62795.70	-206.61	364.46	-3361.52	217.15	202.62
107	5	17.79	15.35	±	-1.04	23227.00	161.96	14388.50	54083.50	558.46	-25.79
107	5	17.79	15.35	9	-1.04	-61422.10	-393.23	1691.54	2002.86	282.53	185.66
107	5	17.79	15.35	±	-1.04	15737.10	1933.43	7099.07	17817.20	1523.76	1076.82
107	5	17.79	15.35	10	-1.04	-61356.90	-402.10	1754.58	2257.69	285.64	184.85

107	5	17.79	15.35	±	-1.04	17422.50	2129.40	7888.38	19893.60	1678.74	1185.60
107	5	17.79	15.35	11	-1.04	-61422.10	-393.23	1691.54	2002.86	282.53	185.66
107	5	17.79	15.35	±	-1.04	1704.29	1538.30	-1141.18	-11717.40	997.61	914.21
107	5	17.79	15.35	12	-1.04	-61356.90	-402.10	1754.58	2257.69	285.64	184.85
107	5	17.79	15.35	±	-1.04	1759.90	1688.60	-1334.56	-13162.30	1094.11	1004.02
107	5	17.79	15.35	13	-1.04	-61422.10	-393.23	1691.54	2002.86	282.53	185.66
107	5	17.79	15.35	±	-1.04	26004.30	1179.32	14627.40	50139.40	1255.12	569.67
107	5	17.79	15.35	14	-1.04	-61356.90	-402.10	1754.58	2257.69	285.64	184.85
107	5	17.79	15.35	±	-1.04	28981.70	1307.36	16354.60	56102.90	1390.31	631.09
107	5	17.79	15.35	15	-1.04	-61422.10	-393.23	1691.54	2002.86	282.53	185.66
107	5	17.79	15.35	±	-1.04	20771.80	137.80	12840.10	48309.40	498.71	-27.64
107	5	17.79	15.35	16	-1.04	-61356.90	-402.10	1754.58	2257.69	285.64	184.85
107	5	17.79	15.35	±	-1.04	23227.00	161.96	14388.50	54083.50	558.46	-25.79
107	5	17.79	15.35	17	-1.04	-96357.50	-642.62	1587.61	-701.92	519.41	397.65
107	5	17.79	15.35	18	-1.04	-94324.40	-221.40	2254.22	-315.19	213.61	148.54
107	5	17.79	15.35	19	-1.04	-98023.00	-484.32	330.97	-6352.99	458.37	307.88
107	5	17.79	15.35	20	-1.04	-92658.90	-379.69	3510.86	5335.88	274.65	238.31
107	5	17.79	15.35	21	-1.04	-68614.70	-499.95	1142.43	-401.10	403.41	307.50
107	5	17.79	15.35	22	-1.04	-66581.60	-78.73	1809.04	-14.37	97.61	58.39
107	5	17.79	15.35	23	-1.04	-70280.10	-341.65	-114.21	-6052.17	342.37	217.73
107	5	17.79	15.35	24	-1.04	-64916.10	-237.02	3065.68	5636.70	158.66	148.16
107	5	17.79	15.35	25	-1.04	-64397.00	-511.27	826.04	-664.07	403.97	315.63
107	5	17.79	15.35	26	-1.04	-62363.90	-90.04	1492.66	-277.35	98.17	66.52
107	5	17.79	15.35	27	-1.04	-66062.40	-352.97	-430.60	-6315.15	342.93	225.86
107	5	17.79	15.35	28	-1.04	-60698.40	-248.34	2749.29	5373.73	159.22	156.29
107	5	17.79	15.35	29	-1.04	-63092.90	-514.97	726.21	-745.27	404.29	318.29
107	5	17.79	15.35	30	-1.04	-61059.80	-93.74	1392.83	-358.55	98.49	69.18
107	5	17.79	15.35	31	-1.04	-64758.30	-356.67	-530.42	-6396.35	343.25	228.52
107	5	17.79	15.35	32	-1.04	-59394.30	-252.04	2649.47	5292.53	159.54	158.95
107	6	17.79	15.35	1	-1.04	-67774.00	-232.32	576.41	-4131.32	309.18	276.32
107	6	17.79	15.35	±	-1.04	13257.00	3540.50	6794.62	23601.10	2637.19	2102.77
107	6	17.79	15.35	2	-1.04	-67827.10	-211.84	506.34	-4484.76	299.86	270.59
107	6	17.79	15.35	±	-1.04	14674.10	3903.40	7558.76	26367.70	2904.39	2314.52
107	6	17.79	15.35	3	-1.04	-67774.00	-232.32	576.41	-4131.32	309.18	276.32
107	6	17.79	15.35	±	-1.04	1844.06	3019.68	-1574.73	-16419.30	1904.22	1887.48
107	6	17.79	15.35	4	-1.04	-67827.10	-211.84	506.34	-4484.76	299.86	270.59
107	6	17.79	15.35	±	-1.04	1934.18	3311.11	-1816.18	-18433.20	2089.98	2073.74
107	6	17.79	15.35	5	-1.04	-67774.00	-232.32	576.41	-4131.32	309.18	276.32
107	6	17.79	15.35	±	-1.04	21286.70	1852.06	14731.90	67777.80	1902.81	957.36
107	6	17.79	15.35	6	-1.04	-67827.10	-211.84	506.34	-4484.76	299.86	270.59
107	6	17.79	15.35	±	-1.04	23724.40	2069.34	16486.30	75858.20	2106.51	1059.53
107	6	17.79	15.35	7	-1.04	-67774.00	-232.32	576.41	-4131.32	309.18	276.32
107	6	17.79	15.35	±	-1.04	16756.40	-116.00	13165.90	65623.30	540.39	-239.72
107	6	17.79	15.35	8	-1.04	-67827.10	-211.84	506.34	-4484.76	299.86	270.59
107	6	17.79	15.35	±	-1.04	18742.00	-95.01	14763.50	73477.90	608.19	-256.94
107	6	17.79	15.35	9	-1.04	-66709.80	-642.88	1981.47	2955.29	495.95	391.08
107	6	17.79	15.35	±	-1.04	13257.00	3540.50	6794.62	23601.10	2637.19	2102.77
107	6	17.79	15.35	10	-1.04	-66656.70	-663.35	2051.55	3308.72	505.27	396.80
107	6	17.79	15.35	±	-1.04	14674.10	3903.40	7558.76	26367.70	2904.39	2314.52
107	6	17.79	15.35	11	-1.04	-66709.80	-642.88	1981.47	2955.29	495.95	391.08
107	6	17.79	15.35	±	-1.04	1844.06	3019.68	-1574.73	-16419.30	1904.22	1887.48
107	6	17.79	15.35	12	-1.04	-66656.70	-663.35	2051.55	3308.72	505.27	396.80
107	6	17.79	15.35	±	-1.04	1934.18	3311.11	-1816.18	-18433.20	2089.98	2073.74
107	6	17.79	15.35	13	-1.04	-66709.80	-642.88	1981.47	2955.29	495.95	391.08
107	6	17.79	15.35	±	-1.04	21286.70	1852.06	14731.90	67777.80	1902.81	957.36
107	6	17.79	15.35	14	-1.04	-66656.70	-663.35	2051.55	3308.72	505.27	396.80
107	6	17.79	15.35	±	-1.04	23724.40	2069.34	16486.30	75858.20	2106.51	1059.53
107	6	17.79	15.35	15	-1.04	-66709.80	-642.88	1981.47	2955.29	495.95	391.08
107	6	17.79	15.35	±	-1.04	16756.40	-116.00	13165.90	65623.30	540.39	-239.72
107	6	17.79	15.35	16	-1.04	-66656.70	-663.35	2051.55	3308.72	505.27	396.80
107	6	17.79	15.35	±	-1.04	18742.00	-95.01	14763.50	73477.90	608.19	-256.94
107	6	17.79	15.35	17	-1.04	-104313.00	-1008.20	1994.98	-603.59	854.35	715.23
107	6	17.79	15.35	18	-1.04	-102551.00	-210.12	2568.02	-245.87	303.83	220.76
107	6	17.79	15.35	19	-1.04	-105608.00	-645.70	664.86	-8350.11	695.25	497.27
107	6	17.79	15.35	20	-1.04	-101255.00	-572.63	3898.13	7500.65	462.93	438.72
107	6	17.79	15.35	21	-1.04	-74150.30	-799.45	1464.99	-231.72	665.46	555.61
107	6	17.79	15.35	22	-1.04	-72388.60	-1.36	2038.02	126.00	114.94	61.14
107	6	17.79	15.35	23	-1.04	-75445.80	-436.94	134.87	-7978.24	506.36	337.65
107	6	17.79	15.35	24	-1.04	-71093.10	-363.87	3368.14	7872.52	274.05	279.10
107	6	17.79	15.35	25	-1.04	-69544.50	-827.56	1104.84	-641.73	674.71	574.74
107	6	17.79	15.35	26	-1.04	-67782.80	-29.47	1677.87	-284.00	124.19	80.28
107	6	17.79	15.35	27	-1.04	-70840.10	-465.05	-225.28	-8388.25	515.60	356.78
107	6	17.79	15.35	28	-1.04	-66487.30	-391.98	3007.99	7462.52	283.29	298.23
107	6	17.79	15.35	29	-1.04	-68122.70	-836.64	992.42	-766.88	677.83	580.93
107	6	17.79	15.35	30	-1.04	-66361.00	-38.56	1565.46	-409.16	127.31	86.47
107	6	17.79	15.35	31	-1.04	-69418.30	-474.13	-337.69	-8513.40	518.72	362.97
107	6	17.79	15.35	32	-1.04	-65065.50	-401.06	2895.58	7337.36	286.41	304.42
107	6	17.79	15.35	1	-0.60	-67774.00	-232.32	576.41	-4131.45	309.18	276.32
107	6	17.79	15.35	±	-0.60	13257.00	3540.50	6794.62	23601.10	2637.19	2102.78
107	6	17.79	15.35	2	-0.60	-67827.10	-211.84	506.34	-4484.89	299.86	270.60
107	6	17.79	15.35	±	-0.60	14674.10	3903.40	7558.76	26367.70	2904.39	2314.52
107	6	17.79	15.35	3	-0.60	-67774.00	-232.32	576.41	-4131.45	309.18	276.32

107	6	17.79	15.35	±	-0.60	1844.06	3019.68	-1574.73	-16419.30	1904.22	1887.48
107	6	17.79	15.35	4	-0.60	-67827.10	-211.84	506.34	-4484.89	299.86	270.60
107	6	17.79	15.35	±	-0.60	1934.18	3311.11	-1816.18	-18433.20	2089.98	2073.74
107	6	17.79	15.35	5	-0.60	-67774.00	-232.32	576.41	-4131.45	309.18	276.32
107	6	17.79	15.35	±	-0.60	21286.70	1852.06	14731.90	67777.90	1902.81	957.36
107	6	17.79	15.35	6	-0.60	-67827.10	-211.84	506.34	-4484.89	299.86	270.60
107	6	17.79	15.35	±	-0.60	23724.40	2069.34	16486.30	75858.30	2106.51	1059.54
107	6	17.79	15.35	7	-0.60	-67774.00	-232.32	576.41	-4131.45	309.18	276.32
107	6	17.79	15.35	±	-0.60	16756.40	-116.00	13165.90	65623.30	540.39	-239.72
107	6	17.79	15.35	8	-0.60	-67827.10	-211.84	506.34	-4484.89	299.86	270.60
107	6	17.79	15.35	±	-0.60	18742.00	-95.01	14763.50	73477.90	608.19	-256.94
107	6	17.79	15.35	9	-0.60	-66709.80	-642.88	1981.47	2955.16	495.95	391.08
107	6	17.79	15.35	±	-0.60	13257.00	3540.50	6794.62	23601.10	2637.19	2102.78
107	6	17.79	15.35	10	-0.60	-66656.70	-663.35	2051.55	3308.59	505.27	396.80
107	6	17.79	15.35	±	-0.60	14674.10	3903.40	7558.76	26367.70	2904.39	2314.52
107	6	17.79	15.35	11	-0.60	-66709.80	-642.88	1981.47	2955.16	495.95	391.08
107	6	17.79	15.35	±	-0.60	1844.06	3019.68	-1574.73	-16419.30	1904.22	1887.48
107	6	17.79	15.35	12	-0.60	-66656.70	-663.35	2051.55	3308.59	505.27	396.80
107	6	17.79	15.35	±	-0.60	1934.18	3311.11	-1816.18	-18433.20	2089.98	2073.74
107	6	17.79	15.35	13	-0.60	-66709.80	-642.88	1981.47	2955.16	495.95	391.08
107	6	17.79	15.35	±	-0.60	21286.70	1852.06	14731.90	67777.90	1902.81	957.36
107	6	17.79	15.35	14	-0.60	-66656.70	-663.35	2051.55	3308.59	505.27	396.80
107	6	17.79	15.35	±	-0.60	23724.40	2069.34	16486.30	75858.30	2106.51	1059.54
107	6	17.79	15.35	15	-0.60	-66709.80	-642.88	1981.47	2955.16	495.95	391.08
107	6	17.79	15.35	±	-0.60	16756.40	-116.00	13165.90	65623.30	540.39	-239.72
107	6	17.79	15.35	16	-0.60	-66656.70	-663.35	2051.55	3308.59	505.27	396.80
107	6	17.79	15.35	±	-0.60	18742.00	-95.01	14763.50	73477.90	608.19	-256.94
107	6	17.79	15.35	17	-0.60	-104313.00	-1008.20	1994.98	-603.79	854.35	715.23
107	6	17.79	15.35	18	-0.60	-102551.00	-210.12	2568.02	-246.06	303.83	220.76
107	6	17.79	15.35	19	-0.60	-105608.00	-645.70	664.86	-8350.31	695.25	497.27
107	6	17.79	15.35	20	-0.60	-101255.00	-572.63	3898.13	7500.46	462.93	438.72
107	6	17.79	15.35	21	-0.60	-74150.30	-799.45	1464.99	-231.86	665.46	555.61
107	6	17.79	15.35	22	-0.60	-72388.60	-1.36	2038.02	125.86	114.94	61.14
107	6	17.79	15.35	23	-0.60	-75445.80	-436.94	134.87	-7978.38	506.36	337.65
107	6	17.79	15.35	24	-0.60	-71093.10	-363.87	3368.14	7872.39	274.05	279.10
107	6	17.79	15.35	25	-0.60	-69544.50	-827.56	1104.84	-641.86	674.71	574.74
107	6	17.79	15.35	26	-0.60	-67782.80	-29.47	1677.87	-284.13	124.19	80.28
107	6	17.79	15.35	27	-0.60	-70840.10	-465.05	-225.28	-8388.38	515.60	356.78
107	6	17.79	15.35	28	-0.60	-66487.30	-391.98	3007.99	7462.39	283.29	298.23
107	6	17.79	15.35	29	-0.60	-68122.70	-836.64	992.42	-767.01	677.83	580.93
107	6	17.79	15.35	30	-0.60	-66361.00	-38.56	1565.46	-409.28	127.31	86.47
107	6	17.79	15.35	31	-0.60	-69418.30	-474.13	-337.69	-8513.53	518.72	362.97
107	6	17.79	15.35	32	-0.60	-65065.50	-401.06	2895.58	7337.24	286.41	304.42
107	7	17.79	15.35	1	-0.60	-74790.80	-1439.60	1196.16	-4971.38	543.58	1334.26
107	7	17.79	15.35	±	-0.60	10658.90	5350.65	3226.88	32051.20	4725.77	3184.28
107	7	17.79	15.35	2	-0.60	-74839.90	-1408.63	1156.15	-5482.48	520.80	1323.16
107	7	17.79	15.35	±	-0.60	11802.60	5899.06	3596.79	35842.30	5205.21	3506.14
107	7	17.79	15.35	3	-0.60	-74790.80	-1439.60	1196.16	-4971.38	543.58	1334.26
107	7	17.79	15.35	±	-0.60	1315.09	4563.81	-512.99	-24083.10	3738.88	2825.39
107	7	17.79	15.35	4	-0.60	-74839.90	-1408.63	1156.15	-5482.48	520.80	1323.16
107	7	17.79	15.35	±	-0.60	1366.59	5004.29	-611.32	-27014.00	4103.72	3102.96
107	7	17.79	15.35	5	-0.60	-74790.80	-1439.60	1196.16	-4971.38	543.58	1334.26
107	7	17.79	15.35	±	-0.60	17369.20	2798.58	6640.21	94752.30	2914.51	1499.61
107	7	17.79	15.35	6	-0.60	-74839.90	-1408.63	1156.15	-5482.48	520.80	1323.16
107	7	17.79	15.35	±	-0.60	19368.80	3126.80	7461.33	106085.00	3232.15	1663.33
107	7	17.79	15.35	7	-0.60	-74790.80	-1439.60	1196.16	-4971.38	543.58	1334.26
107	7	17.79	15.35	±	-0.60	13777.00	-175.76	5826.04	92361.90	375.12	-303.29
107	7	17.79	15.35	8	-0.60	-74839.90	-1408.63	1156.15	-5482.48	520.80	1323.16
107	7	17.79	15.35	±	-0.60	15418.00	-144.21	6565.70	103436.00	439.48	-319.40
107	7	17.79	15.35	9	-0.60	-73808.00	-2060.38	1998.55	5276.50	1000.46	1556.79
107	7	17.79	15.35	±	-0.60	10658.90	5350.65	3226.88	32051.20	4725.77	3184.28
107	7	17.79	15.35	10	-0.60	-73759.00	-2091.34	2038.57	5787.60	1023.25	1567.89
107	7	17.79	15.35	±	-0.60	11802.60	5899.06	3596.79	35842.30	5205.21	3506.14
107	7	17.79	15.35	11	-0.60	-73808.00	-2060.38	1998.55	5276.50	1000.46	1556.79
107	7	17.79	15.35	±	-0.60	1315.09	4563.81	-512.99	-24083.10	3738.88	2825.39
107	7	17.79	15.35	12	-0.60	-73759.00	-2091.34	2038.57	5787.60	1023.25	1567.89
107	7	17.79	15.35	±	-0.60	1366.59	5004.29	-611.32	-27014.00	4103.72	3102.96
107	7	17.79	15.35	13	-0.60	-73808.00	-2060.38	1998.55	5276.50	1000.46	1556.79
107	7	17.79	15.35	±	-0.60	17369.20	2798.58	6640.21	94752.30	2914.51	1499.61
107	7	17.79	15.35	14	-0.60	-73759.00	-2091.34	2038.57	5787.60	1023.25	1567.89
107	7	17.79	15.35	±	-0.60	19368.80	3126.80	7461.33	106085.00	3232.15	1663.33
107	7	17.79	15.35	15	-0.60	-73808.00	-2060.38	1998.55	5276.50	1000.46	1556.79
107	7	17.79	15.35	±	-0.60	13777.00	-175.76	5826.04	92361.90	375.12	-303.29
107	7	17.79	15.35	16	-0.60	-73759.00	-2091.34	2038.57	5787.60	1023.25	1567.89
107	7	17.79	15.35	±	-0.60	15418.00	-144.21	6565.70	103436.00	439.48	-319.40
107	7	17.79	15.35	17	-0.60	-115169.00	-3142.63	2595.31	790.68	1616.62	2480.43
107	7	17.79	15.35	18	-0.60	-113780.00	-1939.66	2903.90	928.10	589.25	1740.47
107	7	17.79	15.35	19	-0.60	-116260.00	-2596.46	2049.70	-10269.70	1230.79	2152.01
107	7	17.79	15.35	20	-0.60	-112689.00	-2485.82	3449.51	11988.50	975.08	2068.89
107	7	17.79	15.35	21	-0.60	-81758.80	-2295.79	1916.37	879.22	1247.59	1779.68
107	7	17.79	15.35	22	-0.60	-80370.40	-1092.82	2224.96	1016.64	220.22	1039.73
107	7	17.79	15.35	23	-0.60	-82850.00	-1749.63	1370.76	-10181.10	861.75	1451.27

107	7	17.79	15.35	24	-0.60	-79279.10	-1638.98	2770.57	12077.00	606.05	1368.15
107	7	17.79	15.35	25	-0.60	-76587.50	-2337.87	1554.75	268.08	1276.33	1806.74
107	7	17.79	15.35	26	-0.60	-75199.10	-1134.90	1863.35	405.50	248.96	1066.79
107	7	17.79	15.35	27	-0.60	-77678.80	-1791.70	1009.15	-10792.30	890.49	1478.32
107	7	17.79	15.35	28	-0.60	-74107.90	-1681.06	2408.95	11465.90	634.79	1395.20
107	7	17.79	15.35	29	-0.60	-74993.60	-2351.47	1443.06	83.85	1285.71	1815.50
107	7	17.79	15.35	30	-0.60	-73605.20	-1148.50	1751.65	221.27	258.34	1075.55
107	7	17.79	15.35	31	-0.60	-76084.90	-1805.31	897.45	-10976.50	899.87	1487.09
107	7	17.79	15.35	32	-0.60	-72514.00	-1694.66	2297.26	11281.60	644.17	1403.97
107	7	17.79	15.35	1	-0.16	-74790.80	-1439.60	1196.16	-4971.53	543.58	1334.26
107	7	17.79	15.35	±	-0.16	10658.90	5350.65	3226.88	32051.20	4725.77	3184.29
107	7	17.79	15.35	2	-0.16	-74839.90	-1408.63	1156.15	-5482.62	520.80	1323.17
107	7	17.79	15.35	±	-0.16	11802.60	5899.06	3596.79	35842.30	5205.21	3506.15
107	7	17.79	15.35	3	-0.16	-74790.80	-1439.60	1196.16	-4971.53	543.58	1334.26
107	7	17.79	15.35	±	-0.16	1315.09	4563.81	-512.99	-24083.10	3738.88	2825.40
107	7	17.79	15.35	4	-0.16	-74839.90	-1408.63	1156.15	-5482.62	520.80	1323.17
107	7	17.79	15.35	±	-0.16	1366.59	5004.29	-611.32	-27014.00	4103.72	3102.97
107	7	17.79	15.35	5	-0.16	-74790.80	-1439.60	1196.16	-4971.53	543.58	1334.26
107	7	17.79	15.35	±	-0.16	17369.20	2798.58	6640.21	94752.40	2914.51	1499.62
107	7	17.79	15.35	6	-0.16	-74839.90	-1408.63	1156.15	-5482.62	520.80	1323.17
107	7	17.79	15.35	±	-0.16	19368.80	3126.80	7461.33	106085.00	3232.15	1663.34
107	7	17.79	15.35	7	-0.16	-74790.80	-1439.60	1196.16	-4971.53	543.58	1334.26
107	7	17.79	15.35	±	-0.16	13777.00	-175.76	5826.04	92361.90	375.12	-303.29
107	7	17.79	15.35	8	-0.16	-74839.90	-1408.63	1156.15	-5482.62	520.80	1323.17
107	7	17.79	15.35	±	-0.16	15418.00	-144.21	6565.70	103436.00	439.48	-319.40
107	7	17.79	15.35	9	-0.16	-73808.00	-2060.38	1998.55	5276.36	1000.46	1556.80
107	7	17.79	15.35	±	-0.16	10658.90	5350.65	3226.88	32051.20	4725.77	3184.29
107	7	17.79	15.35	10	-0.16	-73759.00	-2091.34	2038.57	5787.46	1023.25	1567.90
107	7	17.79	15.35	±	-0.16	11802.60	5899.06	3596.79	35842.30	5205.21	3506.15
107	7	17.79	15.35	11	-0.16	-73808.00	-2060.38	1998.55	5276.36	1000.46	1556.80
107	7	17.79	15.35	±	-0.16	1315.09	4563.81	-512.99	-24083.10	3738.88	2825.40
107	7	17.79	15.35	12	-0.16	-73759.00	-2091.34	2038.57	5787.46	1023.25	1567.90
107	7	17.79	15.35	±	-0.16	1366.59	5004.29	-611.32	-27014.00	4103.72	3102.97
107	7	17.79	15.35	13	-0.16	-73808.00	-2060.38	1998.55	5276.36	1000.46	1556.80
107	7	17.79	15.35	±	-0.16	17369.20	2798.58	6640.21	94752.40	2914.51	1499.62
107	7	17.79	15.35	14	-0.16	-73759.00	-2091.34	2038.57	5787.46	1023.25	1567.90
107	7	17.79	15.35	±	-0.16	19368.80	3126.80	7461.33	106085.00	3232.15	1663.34
107	7	17.79	15.35	15	-0.16	-73808.00	-2060.38	1998.55	5276.36	1000.46	1556.80
107	7	17.79	15.35	±	-0.16	13777.00	-175.76	5826.04	92361.90	375.12	-303.29
107	7	17.79	15.35	16	-0.16	-73759.00	-2091.34	2038.57	5787.46	1023.25	1567.90
107	7	17.79	15.35	±	-0.16	15418.00	-144.21	6565.70	103436.00	439.48	-319.40
107	7	17.79	15.35	17	-0.16	-115169.00	-3142.63	2595.31	790.46	1616.62	2480.43
107	7	17.79	15.35	18	-0.16	-113780.00	-1939.66	2903.90	927.88	589.25	1740.48
107	7	17.79	15.35	19	-0.16	-116260.00	-2596.46	2049.70	-10269.90	1230.79	2152.02
107	7	17.79	15.35	20	-0.16	-112689.00	-2485.82	3449.51	11988.20	975.08	2068.89
107	7	17.79	15.35	21	-0.16	-81758.80	-2295.79	1916.37	879.07	1247.59	1779.69
107	7	17.79	15.35	22	-0.16	-80370.40	-1092.82	2224.96	1016.49	220.22	1039.73
107	7	17.79	15.35	23	-0.16	-82850.00	-1749.63	1370.76	-10181.30	861.75	1451.27
107	7	17.79	15.35	24	-0.16	-79279.10	-1638.98	2770.57	12076.80	606.05	1368.15
107	7	17.79	15.35	25	-0.16	-76587.50	-2337.87	1554.75	267.93	1276.33	1806.74
107	7	17.79	15.35	26	-0.16	-75199.10	-1134.90	1863.35	405.35	248.96	1066.79
107	7	17.79	15.35	27	-0.16	-77678.80	-1791.70	1009.15	-10792.40	890.49	1478.33
107	7	17.79	15.35	28	-0.16	-74107.90	-1681.06	2408.95	11465.70	634.79	1395.20
107	7	17.79	15.35	29	-0.16	-74993.60	-2351.47	1443.06	83.71	1285.71	1815.51
107	7	17.79	15.35	30	-0.16	-73605.20	-1148.50	1751.65	221.13	258.34	1075.55
107	7	17.79	15.35	31	-0.16	-76084.90	-1805.31	897.45	-10976.70	899.87	1487.09
107	7	17.79	15.35	32	-0.16	-72514.00	-1694.66	2297.26	11281.50	644.17	1403.97
107	8	17.79	15.35	1	-0.16	-64647.60	-17.01	1173.46	-250.93	-1335.65	52.28
107	8	17.79	15.35	±	-0.16	4033.83	2392.98	16785.00	43335.50	8054.20	1607.28
107	8	17.79	15.35	2	-0.16	-64711.40	-36.93	1427.33	-999.91	-1391.46	77.41
107	8	17.79	15.35	±	-0.16	4507.54	2646.76	18762.70	48518.30	8901.81	1781.70
107	8	17.79	15.35	3	-0.16	-64647.60	-17.01	1173.46	-250.93	-1335.65	52.28
107	8	17.79	15.35	±	-0.16	-2115.16	2030.73	-13386.40	-34616.30	7107.41	1028.54
107	8	17.79	15.35	4	-0.16	-64711.40	-36.93	1427.33	-999.91	-1391.46	77.41
107	8	17.79	15.35	±	-0.16	-2394.16	2218.18	-14981.00	-38811.00	7772.07	1117.03
107	8	17.79	15.35	5	-0.16	-64647.60	-17.01	1173.46	-250.93	-1335.65	52.28
107	8	17.79	15.35	±	-0.16	10536.10	1267.31	50795.50	131227.00	3852.24	1359.94
107	8	17.79	15.35	6	-0.16	-64711.40	-36.93	1427.33	-999.91	-1391.46	77.41
107	8	17.79	15.35	±	-0.16	11819.80	1444.05	56806.80	147005.00	4383.98	1542.60
107	8	17.79	15.35	7	-0.16	-64647.60	-17.01	1173.46	-250.93	-1335.65	52.28
107	8	17.79	15.35	±	-0.16	9960.51	-59.80	49775.90	128612.00	-696.25	569.19
107	8	17.79	15.35	8	-0.16	-64711.40	-36.93	1427.33	-999.91	-1391.46	77.41
107	8	17.79	15.35	±	-0.16	11185.80	-15.43	55672.30	144093.00	-618.18	672.98
107	8	17.79	15.35	9	-0.16	-63366.90	382.33	-3916.75	14766.50	-216.67	-451.61
107	8	17.79	15.35	±	-0.16	4033.83	2392.98	16785.00	43335.50	8054.20	1607.28
107	8	17.79	15.35	10	-0.16	-63303.10	402.24	-4170.62	15515.50	-160.87	-476.74
107	8	17.79	15.35	±	-0.16	4507.54	2646.76	18762.70	48518.30	8901.81	1781.70
107	8	17.79	15.35	11	-0.16	-63366.90	382.33	-3916.75	14766.50	-216.67	-451.61
107	8	17.79	15.35	±	-0.16	-2115.16	2030.73	-13386.40	-34616.30	7107.41	1028.54
107	8	17.79	15.35	12	-0.16	-63303.10	402.24	-4170.62	15515.50	-160.87	-476.74
107	8	17.79	15.35	±	-0.16	-2394.16	2218.18	-14981.00	-38811.00	7772.07	1117.03
107	8	17.79	15.35	13	-0.16	-63366.90	382.33	-3916.75	14766.50	-216.67	-451.61

107	8	17.79	15.35	±	-0.16	10536.10	1267.31	50795.50	131227.00	3852.24	1359.94
107	8	17.79	15.35	14	-0.16	-63303.10	402.24	-4170.62	15515.50	-160.87	-476.74
107	8	17.79	15.35	±	-0.16	11819.80	1444.05	56806.80	147005.00	4383.98	1542.60
107	8	17.79	15.35	15	-0.16	-63366.90	382.33	-3916.75	14766.50	-216.67	-451.61
107	8	17.79	15.35	±	-0.16	9960.51	-59.80	49775.90	128612.00	-696.25	569.19
107	8	17.79	15.35	16	-0.16	-63303.10	402.24	-4170.62	15515.50	-160.87	-476.74
107	8	17.79	15.35	±	-0.16	11185.80	-15.43	55672.30	144093.00	-618.18	672.98
107	8	17.79	15.35	17	-0.16	-98573.90	529.59	-2051.53	12015.20	-336.71	-443.63
107	8	17.79	15.35	18	-0.16	-98409.00	-31.74	-1737.65	11213.80	-2185.42	-126.06
107	8	17.79	15.35	19	-0.16	-99693.30	232.71	4137.79	-3872.23	-1330.18	-302.06
107	8	17.79	15.35	20	-0.16	-97289.70	265.14	-7926.96	27101.20	-1191.96	-267.63
107	8	17.79	15.35	21	-0.16	-70329.80	439.44	-1448.28	8687.28	32.66	-346.50
107	8	17.79	15.35	22	-0.16	-70164.90	-121.89	-1134.41	7885.78	-1816.05	-28.93
107	8	17.79	15.35	23	-0.16	-71449.10	142.57	4741.03	-7200.20	-960.81	-204.92
107	8	17.79	15.35	24	-0.16	-69045.60	174.99	-7323.72	23773.30	-822.58	-170.50
107	8	17.79	15.35	25	-0.16	-65535.90	457.43	-1507.31	7894.80	120.19	-355.53
107	8	17.79	15.35	26	-0.16	-65371.00	-103.89	-1193.43	7093.31	-1728.52	-37.96
107	8	17.79	15.35	27	-0.16	-66655.20	160.56	4682.01	-7992.68	-873.28	-213.96
107	8	17.79	15.35	28	-0.16	-64251.60	192.98	-7382.74	22980.80	-735.05	-179.54
107	8	17.79	15.35	29	-0.16	-64089.70	463.32	-1528.58	7658.53	148.19	-358.45
107	8	17.79	15.35	30	-0.16	-63924.80	-98.01	-1214.70	6857.04	-1700.52	-40.88
107	8	17.79	15.35	31	-0.16	-65209.00	166.44	4660.73	-8228.95	-845.27	-216.87
107	8	17.79	15.35	32	-0.16	-62805.50	198.87	-7404.02	22744.50	-707.05	-182.45
107	8	17.79	15.35	1	0.34	-64647.60	-17.01	1173.46	-251.06	-1335.65	52.28
107	8	17.79	15.35	±	0.34	4033.83	2392.98	16785.00	43335.50	8054.20	1607.28
107	8	17.79	15.35	2	0.34	-64711.40	-36.93	1427.33	-1000.03	-1391.46	77.41
107	8	17.79	15.35	±	0.34	4507.54	2646.76	18762.70	48518.30	8901.81	1781.71
107	8	17.79	15.35	3	0.34	-64647.60	-17.01	1173.46	-251.06	-1335.65	52.28
107	8	17.79	15.35	±	0.34	-2115.16	2030.73	-13386.40	-34616.30	7107.41	1028.54
107	8	17.79	15.35	4	0.34	-64711.40	-36.93	1427.33	-1000.03	-1391.46	77.41
107	8	17.79	15.35	±	0.34	-2394.16	2218.18	-14981.00	-38811.00	7772.07	1117.03
107	8	17.79	15.35	5	0.34	-64647.60	-17.01	1173.46	-251.06	-1335.65	52.28
107	8	17.79	15.35	±	0.34	10536.10	1267.31	50795.50	131227.00	3852.24	1359.94
107	8	17.79	15.35	6	0.34	-64711.40	-36.93	1427.33	-1000.03	-1391.46	77.41
107	8	17.79	15.35	±	0.34	11819.80	1444.05	56806.80	147005.00	4383.98	1542.60
107	8	17.79	15.35	7	0.34	-64647.60	-17.01	1173.46	-251.06	-1335.65	52.28
107	8	17.79	15.35	±	0.34	9960.51	-59.80	49775.90	128612.00	-696.25	569.19
107	8	17.79	15.35	8	0.34	-64711.40	-36.93	1427.33	-1000.03	-1391.46	77.41
107	8	17.79	15.35	±	0.34	11185.80	-15.43	55672.30	144093.00	-618.18	672.98
107	8	17.79	15.35	9	0.34	-63366.90	382.33	-3916.75	14766.40	-216.67	-451.61
107	8	17.79	15.35	±	0.34	4033.83	2392.98	16785.00	43335.50	8054.20	1607.28
107	8	17.79	15.35	10	0.34	-63303.10	402.24	-4170.62	15515.40	-160.87	-476.74
107	8	17.79	15.35	±	0.34	4507.54	2646.76	18762.70	48518.30	8901.81	1781.71
107	8	17.79	15.35	11	0.34	-63366.90	382.33	-3916.75	14766.40	-216.67	-451.61
107	8	17.79	15.35	±	0.34	-2115.16	2030.73	-13386.40	-34616.30	7107.41	1028.54
107	8	17.79	15.35	12	0.34	-63303.10	402.24	-4170.62	15515.40	-160.87	-476.74
107	8	17.79	15.35	±	0.34	-2394.16	2218.18	-14981.00	-38811.00	7772.07	1117.03
107	8	17.79	15.35	13	0.34	-63366.90	382.33	-3916.75	14766.40	-216.67	-451.61
107	8	17.79	15.35	±	0.34	10536.10	1267.31	50795.50	131227.00	3852.24	1359.94
107	8	17.79	15.35	14	0.34	-63303.10	402.24	-4170.62	15515.40	-160.87	-476.74
107	8	17.79	15.35	±	0.34	11819.80	1444.05	56806.80	147005.00	4383.98	1542.60
107	8	17.79	15.35	15	0.34	-63366.90	382.33	-3916.75	14766.40	-216.67	-451.61
107	8	17.79	15.35	±	0.34	9960.51	-59.80	49775.90	128612.00	-696.25	569.19
107	8	17.79	15.35	16	0.34	-63303.10	402.24	-4170.62	15515.40	-160.87	-476.74
107	8	17.79	15.35	±	0.34	11185.80	-15.43	55672.30	144093.00	-618.18	672.98
107	8	17.79	15.35	17	0.34	-98573.90	529.59	-2051.53	12015.10	-336.71	-443.63
107	8	17.79	15.35	18	0.34	-98409.00	-31.74	-1737.65	11213.60	-2185.42	-126.06
107	8	17.79	15.35	19	0.34	-99693.30	232.71	4137.79	-3872.42	-1330.18	-302.06
107	8	17.79	15.35	20	0.34	-97289.70	265.14	-7926.96	27101.00	-1191.96	-267.63
107	8	17.79	15.35	21	0.34	-70329.80	439.44	-1448.28	8687.14	32.66	-346.50
107	8	17.79	15.35	22	0.34	-70164.90	-121.88	-1134.41	7885.65	-1816.05	-28.93
107	8	17.79	15.35	23	0.34	-71449.10	142.57	4741.03	-7200.34	-960.81	-204.92
107	8	17.79	15.35	24	0.34	-69045.60	174.99	-7323.72	23773.10	-822.58	-170.50
107	8	17.79	15.35	25	0.34	-65535.90	457.43	-1507.31	7894.67	120.19	-355.53
107	8	17.79	15.35	26	0.34	-65371.00	-103.89	-1193.43	7093.18	-1728.52	-37.96
107	8	17.79	15.35	27	0.34	-66655.20	160.56	4682.01	-7992.81	-873.28	-213.96
107	8	17.79	15.35	28	0.34	-64251.60	192.98	-7382.74	22980.70	-735.05	-179.54
107	8	17.79	15.35	29	0.34	-64089.70	463.32	-1528.58	7658.41	148.19	-358.45
107	8	17.79	15.35	30	0.34	-63924.80	-98.01	-1214.70	6856.91	-1700.52	-40.88
107	8	17.79	15.35	31	0.34	-65209.00	166.44	4660.73	-8229.07	-845.27	-216.87
107	8	17.79	15.35	32	0.34	-62805.50	198.87	-7404.02	22744.40	-707.05	-182.45
107	9	17.79	15.35	1	0.34	-64367.80	-17.01	1172.80	930.32	-1327.14	145.99
107	9	17.79	15.35	±	0.34	3305.33	2392.98	16784.00	37830.20	6859.33	1704.85
107	9	17.79	15.35	2	0.34	-64425.90	-36.93	1426.64	259.93	-1372.99	172.59
107	9	17.79	15.35	±	0.34	3699.06	2646.76	18761.50	42367.90	7580.13	1890.88
107	9	17.79	15.35	3	0.34	-64367.80	-17.01	1172.80	930.32	-1327.14	145.99
107	9	17.79	15.35	±	0.34	-1960.65	2030.73	-13385.60	-30166.20	6090.44	1129.38
107	9	17.79	15.35	4	0.34	-64425.90	-36.93	1426.64	259.93	-1372.99	172.59
107	9	17.79	15.35	±	0.34	-2216.67	2218.18	-14980.20	-33836.10	6661.30	1226.05
107	9	17.79	15.35	5	0.34	-64367.80	-17.01	1172.80	930.32	-1327.14	145.99
107	9	17.79	15.35	±	0.34	8978.33	1267.31	50792.40	114477.00	3223.95	1384.26
107	9	17.79	15.35	6	0.34	-64425.90	-36.93	1426.64	259.93	-1372.99	172.59

107	9	17.79	15.35	±	0.34	10081.90	1444.05	56803.30	128286.00	3667.61	1575.59
107	9	17.79	15.35	7	0.34	-64367.80	-17.01	1172.80	930.32	-1327.14	145.99
107	9	17.79	15.35	±	0.34	8574.92	-59.80	49772.90	112178.00	-660.98	533.99
107	9	17.79	15.35	8	0.34	-64425.90	-36.93	1426.64	259.93	-1372.99	172.59
107	9	17.79	15.35	±	0.34	9637.19	-15.43	55668.90	125727.00	-604.82	640.51
107	9	17.79	15.35	9	0.34	-63202.70	382.33	-3917.05	14372.10	-407.84	-387.40
107	9	17.79	15.35	±	0.34	3305.33	2392.98	16784.00	37830.20	6859.33	1704.85
107	9	17.79	15.35	10	0.34	-63144.60	402.24	-4170.89	15042.50	-361.99	-414.01
107	9	17.79	15.35	±	0.34	3699.06	2646.76	18761.50	42367.90	7580.13	1890.88
107	9	17.79	15.35	11	0.34	-63202.70	382.33	-3917.05	14372.10	-407.84	-387.40
107	9	17.79	15.35	±	0.34	-1960.65	2030.73	-13385.60	-30166.20	6090.44	1129.38
107	9	17.79	15.35	12	0.34	-63144.60	402.24	-4170.89	15042.50	-361.99	-414.01
107	9	17.79	15.35	±	0.34	-2216.67	2218.18	-14980.20	-33836.10	6661.30	1226.05
107	9	17.79	15.35	13	0.34	-63202.70	382.33	-3917.05	14372.10	-407.84	-387.40
107	9	17.79	15.35	±	0.34	8978.33	1267.31	50792.40	114477.00	3223.95	1384.26
107	9	17.79	15.35	14	0.34	-63144.60	402.24	-4170.89	15042.50	-361.99	-414.01
107	9	17.79	15.35	±	0.34	10081.90	1444.05	56803.30	128286.00	3667.61	1575.59
107	9	17.79	15.35	15	0.34	-63202.70	382.33	-3917.05	14372.10	-407.84	-387.40
107	9	17.79	15.35	±	0.34	8574.92	-59.80	49772.90	112178.00	-660.98	533.99
107	9	17.79	15.35	16	0.34	-63144.60	402.24	-4170.89	15042.50	-361.99	-414.01
107	9	17.79	15.35	±	0.34	9637.19	-15.43	55668.90	125727.00	-604.82	640.51
107	9	17.79	15.35	17	0.34	-98420.00	529.59	-2052.32	12669.70	-601.51	-336.21
107	9	17.79	15.35	18	0.34	-98319.10	-31.74	-1738.50	11920.50	-2169.55	5.91
107	9	17.79	15.35	19	0.34	-99398.40	232.71	4136.60	-1197.95	-1446.54	-173.22
107	9	17.79	15.35	20	0.34	-97340.70	265.14	-7927.42	25788.10	-1324.52	-157.09
107	9	17.79	15.35	21	0.34	-70200.40	439.44	-1448.85	9140.29	-187.06	-276.66
107	9	17.79	15.35	22	0.34	-70099.60	-121.88	-1135.03	8391.12	-1755.11	65.46
107	9	17.79	15.35	23	0.34	-71178.90	142.57	4740.07	-4727.33	-1032.09	-113.67
107	9	17.79	15.35	24	0.34	-69121.20	174.99	-7323.95	22258.70	-910.08	-97.54
107	9	17.79	15.35	25	0.34	-65311.00	457.43	-1507.78	8282.78	-108.53	-288.10
107	9	17.79	15.35	26	0.34	-65210.10	-103.89	-1193.97	7533.61	-1676.57	54.02
107	9	17.79	15.35	27	0.34	-66289.40	160.56	4681.13	-5584.84	-953.56	-125.10
107	9	17.79	15.35	28	0.34	-64231.70	192.98	-7382.88	21401.20	-831.54	-108.97
107	9	17.79	15.35	29	0.34	-63835.70	463.32	-1529.03	8025.81	-83.47	-291.77
107	9	17.79	15.35	30	0.34	-63734.90	-98.01	-1215.22	7276.64	-1651.51	50.35
107	9	17.79	15.35	31	0.34	-64814.10	166.44	4659.88	-5841.81	-928.50	-128.77
107	9	17.79	15.35	32	0.34	-62756.40	198.87	-7404.13	21144.30	-806.48	-112.65
107	9	17.79	15.35	1	0.84	-64367.80	-17.01	1172.80	930.20	-1327.14	145.99
107	9	17.79	15.35	±	0.84	3305.33	2392.98	16784.00	37830.20	6859.33	1704.85
107	9	17.79	15.35	2	0.84	-64425.90	-36.93	1426.64	259.81	-1372.99	172.59
107	9	17.79	15.35	±	0.84	3699.06	2646.76	18761.50	42367.90	7580.13	1890.88
107	9	17.79	15.35	3	0.84	-64367.80	-17.01	1172.80	930.20	-1327.14	145.99
107	9	17.79	15.35	±	0.84	-1960.65	2030.73	-13385.60	-30166.20	6090.44	1129.38
107	9	17.79	15.35	4	0.84	-64425.90	-36.93	1426.64	259.81	-1372.99	172.59
107	9	17.79	15.35	±	0.84	-2216.67	2218.18	-14980.20	-33836.20	6661.30	1226.05
107	9	17.79	15.35	5	0.84	-64367.80	-17.01	1172.80	930.20	-1327.14	145.99
107	9	17.79	15.35	±	0.84	8978.33	1267.31	50792.40	114477.00	3223.95	1384.26
107	9	17.79	15.35	6	0.84	-64425.90	-36.93	1426.64	259.81	-1372.99	172.59
107	9	17.79	15.35	±	0.84	10081.90	1444.05	56803.30	128286.00	3667.61	1575.59
107	9	17.79	15.35	7	0.84	-64367.80	-17.01	1172.80	930.20	-1327.14	145.99
107	9	17.79	15.35	±	0.84	8574.92	-59.80	49772.90	112178.00	-660.98	533.99
107	9	17.79	15.35	8	0.84	-64425.90	-36.93	1426.64	259.81	-1372.99	172.59
107	9	17.79	15.35	±	0.84	9637.19	-15.43	55668.90	125727.00	-604.82	640.51
107	9	17.79	15.35	9	0.84	-63202.70	382.33	-3917.05	14372.00	-407.84	-387.40
107	9	17.79	15.35	±	0.84	3305.33	2392.98	16784.00	37830.20	6859.33	1704.85
107	9	17.79	15.35	10	0.84	-63144.60	402.24	-4170.89	15042.40	-361.99	-414.01
107	9	17.79	15.35	±	0.84	3699.06	2646.76	18761.50	42367.90	7580.13	1890.88
107	9	17.79	15.35	11	0.84	-63202.70	382.33	-3917.05	14372.00	-407.84	-387.40
107	9	17.79	15.35	±	0.84	-1960.65	2030.73	-13385.60	-30166.20	6090.44	1129.38
107	9	17.79	15.35	12	0.84	-63144.60	402.24	-4170.89	15042.40	-361.99	-414.01
107	9	17.79	15.35	±	0.84	-2216.67	2218.18	-14980.20	-33836.20	6661.30	1226.05
107	9	17.79	15.35	13	0.84	-63202.70	382.33	-3917.05	14372.00	-407.84	-387.40
107	9	17.79	15.35	±	0.84	8978.33	1267.31	50792.40	114477.00	3223.95	1384.26
107	9	17.79	15.35	14	0.84	-63144.60	402.24	-4170.89	15042.40	-361.99	-414.01
107	9	17.79	15.35	±	0.84	10081.90	1444.05	56803.30	128286.00	3667.61	1575.59
107	9	17.79	15.35	15	0.84	-63202.70	382.33	-3917.05	14372.00	-407.84	-387.40
107	9	17.79	15.35	±	0.84	8574.92	-59.80	49772.90	112178.00	-660.98	533.99
107	9	17.79	15.35	16	0.84	-63144.60	402.24	-4170.89	15042.40	-361.99	-414.01
107	9	17.79	15.35	±	0.84	9637.19	-15.43	55668.90	125727.00	-604.82	640.51
107	9	17.79	15.35	17	0.84	-98420.00	529.59	-2052.32	12669.50	-601.51	-336.21
107	9	17.79	15.35	18	0.84	-98319.10	-31.74	-1738.50	11920.30	-2169.55	5.91
107	9	17.79	15.35	19	0.84	-99398.40	232.71	4136.60	-1198.14	-1446.54	-173.22
107	9	17.79	15.35	20	0.84	-97340.70	265.14	-7927.42	25787.90	-1324.52	-157.09
107	9	17.79	15.35	21	0.84	-70200.40	439.44	-1448.85	9140.16	-187.06	-276.66
107	9	17.79	15.35	22	0.84	-70099.60	-121.88	-1135.03	8390.99	-1755.11	65.46
107	9	17.79	15.35	23	0.84	-71178.90	142.57	4740.07	-4727.47	-1032.09	-113.67
107	9	17.79	15.35	24	0.84	-69121.20	174.99	-7323.95	22258.60	-910.08	-97.54
107	9	17.79	15.35	25	0.84	-65311.00	457.43	-1507.78	8282.66	-108.53	-288.10
107	9	17.79	15.35	26	0.84	-65210.10	-103.89	-1193.97	7533.49	-1676.57	54.02
107	9	17.79	15.35	27	0.84	-66289.40	160.56	4681.13	-5584.97	-953.56	-125.10
107	9	17.79	15.35	28	0.84	-64231.70	192.98	-7382.88	21401.10	-831.54	-108.97
107	9	17.79	15.35	29	0.84	-63835.70	463.32	-1529.03	8025.69	-83.47	-291.77

107	9	17.79	15.35	30	0.84	-63734.90	-98.01	-1215.22	7276.52	-1651.51	50.35
107	9	17.79	15.35	31	0.84	-64814.10	166.44	4659.88	-5841.94	-928.50	-128.77
107	9	17.79	15.35	32	0.84	-62756.40	198.87	-7404.13	21144.10	-806.48	-112.65
107	10	17.79	15.35	1	0.84	-63646.30	-17.01	1172.07	1495.46	-1318.64	137.85
107	10	17.79	15.35	±	0.84	3204.57	2392.98	16783.30	30376.70	5665.43	1683.38
107	10	17.79	15.35	2	0.84	-63702.40	-36.93	1425.90	937.59	-1354.53	164.25
107	10	17.79	15.35	±	0.84	3586.02	2646.76	18760.80	34037.80	6259.47	1867.01
107	10	17.79	15.35	3	0.84	-63646.30	-17.01	1172.07	1495.46	-1318.64	137.85
107	10	17.79	15.35	±	0.84	-1855.21	2030.73	-13385.10	-24229.30	5072.49	1108.01
107	10	17.79	15.35	4	0.84	-63702.40	-36.93	1425.90	937.59	-1354.53	164.25
107	10	17.79	15.35	±	0.84	-2098.76	2218.18	-14979.60	-27193.30	5549.50	1202.80
107	10	17.79	15.35	5	0.84	-63646.30	-17.01	1172.07	1495.46	-1318.64	137.85
107	10	17.79	15.35	±	0.84	8635.37	1267.31	50790.50	91932.10	2598.91	1377.66
107	10	17.79	15.35	6	0.84	-63702.40	-36.93	1425.90	937.59	-1354.53	164.25
107	10	17.79	15.35	±	0.84	9697.73	1444.05	56801.20	103079.00	2954.62	1567.50
107	10	17.79	15.35	7	0.84	-63646.30	-17.01	1172.07	1495.46	-1318.64	137.85
107	10	17.79	15.35	±	0.84	8230.56	-59.80	49771.00	90087.90	-622.46	540.24
107	10	17.79	15.35	8	0.84	-63702.40	-36.93	1425.90	937.59	-1354.53	164.25
107	10	17.79	15.35	±	0.84	9251.55	-15.43	55666.80	101025.00	-588.07	646.55
107	10	17.79	15.35	9	0.84	-62521.20	382.33	-3917.54	12681.20	-599.00	-391.49
107	10	17.79	15.35	±	0.84	3204.57	2392.98	16783.30	30376.70	5665.43	1683.38
107	10	17.79	15.35	10	0.84	-62465.10	402.24	-4171.37	13239.10	-563.11	-417.89
107	10	17.79	15.35	±	0.84	3586.02	2646.76	18760.80	34037.80	6259.47	1867.01
107	10	17.79	15.35	11	0.84	-62521.20	382.33	-3917.54	12681.20	-599.00	-391.49
107	10	17.79	15.35	±	0.84	-1855.21	2030.73	-13385.10	-24229.30	5072.49	1108.01
107	10	17.79	15.35	12	0.84	-62465.10	402.24	-4171.37	13239.10	-563.11	-417.89
107	10	17.79	15.35	±	0.84	-2098.76	2218.18	-14979.60	-27193.30	5549.50	1202.80
107	10	17.79	15.35	13	0.84	-62521.20	382.33	-3917.54	12681.20	-599.00	-391.49
107	10	17.79	15.35	±	0.84	8635.37	1267.31	50790.50	91932.10	2598.91	1377.66
107	10	17.79	15.35	14	0.84	-62465.10	402.24	-4171.37	13239.10	-563.11	-417.89
107	10	17.79	15.35	±	0.84	9697.73	1444.05	56801.20	103079.00	2954.62	1567.50
107	10	17.79	15.35	15	0.84	-62521.20	382.33	-3917.54	12681.20	-599.00	-391.49
107	10	17.79	15.35	±	0.84	8230.56	-59.80	49771.00	90087.90	-622.46	540.24
107	10	17.79	15.35	16	0.84	-62465.10	402.24	-4171.37	13239.10	-563.11	-417.89
107	10	17.79	15.35	±	0.84	9251.55	-15.43	55666.80	101025.00	-588.07	646.55
107	10	17.79	15.35	17	0.84	-97520.60	529.59	-2053.31	11832.60	-866.30	-342.98
107	10	17.79	15.35	18	0.84	-97416.10	-31.74	-1739.54	11229.90	-2153.68	-6.19
107	10	17.79	15.35	19	0.84	-98456.10	232.71	4135.36	719.36	-1562.89	-183.76
107	10	17.79	15.35	20	0.84	-96480.60	265.14	-7928.21	22343.20	-1457.09	-165.40
107	10	17.79	15.35	21	0.84	-69506.40	439.44	-1449.55	8550.89	-406.78	-280.53
107	10	17.79	15.35	22	0.84	-69401.80	-121.89	-1135.78	7948.14	-1694.17	56.26
107	10	17.79	15.35	23	0.84	-70441.80	142.57	4739.12	-2562.40	-1103.38	-121.32
107	10	17.79	15.35	24	0.84	-68466.40	174.99	-7324.45	19061.40	-997.57	-102.96
107	10	17.79	15.35	25	0.84	-64612.60	457.43	-1508.40	7658.72	-337.24	-291.64
107	10	17.79	15.35	26	0.84	-64508.10	-103.89	-1194.63	7055.96	-1624.63	45.15
107	10	17.79	15.35	27	0.84	-65548.10	160.56	4680.27	-3454.57	-1033.84	-132.43
107	10	17.79	15.35	28	0.84	-63572.60	192.98	-7383.30	18169.30	-928.03	-114.07
107	10	17.79	15.35	29	0.84	-63136.00	463.32	-1529.62	7389.71	-315.13	-295.21
107	10	17.79	15.35	30	0.84	-63031.50	-98.01	-1215.85	6786.96	-1602.51	41.58
107	10	17.79	15.35	31	0.84	-64071.50	166.44	4659.05	-3723.57	-1011.72	-136.00
107	10	17.79	15.35	32	0.84	-62096.00	198.87	-7404.52	17900.20	-905.92	-117.63
107	10	17.79	15.35	1	1.34	-63646.30	-17.01	1172.07	1495.34	-1318.64	137.85
107	10	17.79	15.35	±	1.34	3204.57	2392.98	16783.30	30376.70	5665.43	1683.38
107	10	17.79	15.35	2	1.34	-63702.40	-36.93	1425.90	937.47	-1354.53	164.25
107	10	17.79	15.35	±	1.34	3586.02	2646.76	18760.80	34037.80	6259.47	1867.02
107	10	17.79	15.35	3	1.34	-63646.30	-17.01	1172.07	1495.34	-1318.64	137.85
107	10	17.79	15.35	±	1.34	-1855.21	2030.73	-13385.10	-24229.30	5072.49	1108.01
107	10	17.79	15.35	4	1.34	-63702.40	-36.93	1425.90	937.47	-1354.53	164.25
107	10	17.79	15.35	±	1.34	-2098.76	2218.18	-14979.60	-27193.30	5549.50	1202.80
107	10	17.79	15.35	5	1.34	-63646.30	-17.01	1172.07	1495.34	-1318.64	137.85
107	10	17.79	15.35	±	1.34	8635.37	1267.31	50790.50	91932.20	2598.91	1377.66
107	10	17.79	15.35	6	1.34	-63702.40	-36.93	1425.90	937.47	-1354.53	164.25
107	10	17.79	15.35	±	1.34	9697.73	1444.05	56801.20	103079.00	2954.62	1567.50
107	10	17.79	15.35	7	1.34	-63646.30	-17.01	1172.07	1495.34	-1318.64	137.85
107	10	17.79	15.35	±	1.34	8230.56	-59.80	49771.00	90087.90	-622.46	540.24
107	10	17.79	15.35	8	1.34	-63702.40	-36.93	1425.90	937.47	-1354.53	164.25
107	10	17.79	15.35	±	1.34	9251.55	-15.43	55666.80	101025.00	-588.07	646.55
107	10	17.79	15.35	9	1.34	-62521.20	382.33	-3917.54	12681.10	-599.00	-391.49
107	10	17.79	15.35	±	1.34	3204.57	2392.98	16783.30	30376.70	5665.43	1683.38
107	10	17.79	15.35	10	1.34	-62465.10	402.24	-4171.37	13239.00	-563.11	-417.89
107	10	17.79	15.35	±	1.34	3586.02	2646.76	18760.80	34037.80	6259.47	1867.02
107	10	17.79	15.35	11	1.34	-62521.20	382.33	-3917.54	12681.10	-599.00	-391.49
107	10	17.79	15.35	±	1.34	-1855.21	2030.73	-13385.10	-24229.30	5072.49	1108.01
107	10	17.79	15.35	12	1.34	-62465.10	402.24	-4171.37	13239.00	-563.11	-417.89
107	10	17.79	15.35	±	1.34	-2098.76	2218.18	-14979.60	-27193.30	5549.50	1202.80
107	10	17.79	15.35	13	1.34	-62521.20	382.33	-3917.54	12681.10	-599.00	-391.49
107	10	17.79	15.35	±	1.34	8635.37	1267.31	50790.50	91932.20	2598.91	1377.66
107	10	17.79	15.35	14	1.34	-62465.10	402.24	-4171.37	13239.00	-563.11	-417.89
107	10	17.79	15.35	±	1.34	9697.73	1444.05	56801.20	103079.00	2954.62	1567.50
107	10	17.79	15.35	15	1.34	-62521.20	382.33	-3917.54	12681.10	-599.00	-391.49
107	10	17.79	15.35	±	1.34	8230.56	-59.80	49771.00	90087.90	-622.46	540.24
107	10	17.79	15.35	16	1.34	-62465.10	402.24	-4171.37	13239.00	-563.11	-417.89

107	10	17.79	15.35	±	1.34	9251.55	-15.43	55666.80	101025.00	-588.07	646.55
107	10	17.79	15.35	17	1.34	-97520.60	529.59	-2053.31	11832.50	-866.30	-342.98
107	10	17.79	15.35	18	1.34	-97416.10	-31.74	-1739.54	11229.70	-2153.68	-6.19
107	10	17.79	15.35	19	1.34	-98456.10	232.71	4135.36	719.17	-1562.89	-183.76
107	10	17.79	15.35	20	1.34	-96480.60	265.14	-7928.21	22343.00	-1457.09	-165.40
107	10	17.79	15.35	21	1.34	-69506.40	439.44	-1449.55	8550.76	-406.78	-280.53
107	10	17.79	15.35	22	1.34	-69401.80	-121.89	-1135.78	7948.00	-1694.17	56.26
107	10	17.79	15.35	23	1.34	-70441.80	142.57	4739.12	-2562.53	-1103.38	-121.32
107	10	17.79	15.35	24	1.34	-68466.40	174.99	-7324.45	19061.30	-997.57	-102.96
107	10	17.79	15.35	25	1.34	-64612.60	457.43	-1508.40	7658.59	-337.24	-291.64
107	10	17.79	15.35	26	1.34	-64508.10	-103.89	-1194.63	7055.84	-1624.63	45.15
107	10	17.79	15.35	27	1.34	-65548.10	160.56	4680.27	-3454.70	-1033.84	-132.43
107	10	17.79	15.35	28	1.34	-63572.60	192.98	-7383.30	18169.10	-928.03	-114.07
107	10	17.79	15.35	29	1.34	-63136.00	463.32	-1529.62	7389.59	-315.13	-295.21
107	10	17.79	15.35	30	1.34	-63031.50	-98.01	-1215.85	6786.84	-1602.51	41.58
107	10	17.79	15.35	31	1.34	-64071.50	166.44	4659.05	-3723.70	-1011.72	-136.00
107	10	17.79	15.35	32	1.34	-62096.00	198.87	-7404.52	17900.10	-905.92	-117.64
107	11	17.79	15.35	1	1.34	-62862.20	-17.01	1171.32	2034.58	-1310.13	135.88
107	11	17.79	15.35	±	1.34	3259.56	2392.98	16782.90	22525.70	4473.74	1681.76
107	11	17.79	15.35	2	1.34	-62918.50	-36.93	1425.14	1595.73	-1336.06	162.26
107	11	17.79	15.35	±	1.34	3646.74	2646.76	18760.30	25263.80	4941.08	1865.20
107	11	17.79	15.35	3	1.34	-62862.20	-17.01	1171.32	2034.58	-1310.13	135.88
107	11	17.79	15.35	±	1.34	-1848.36	2030.73	-13384.80	-17965.80	4052.35	1106.19
107	11	17.79	15.35	4	1.34	-62918.50	-36.93	1425.14	1595.73	-1336.06	162.26
107	11	17.79	15.35	±	1.34	-2091.57	2218.18	-14979.20	-20185.50	4435.43	1200.83
107	11	17.79	15.35	5	1.34	-62862.20	-17.01	1171.32	2034.58	-1310.13	135.88
107	11	17.79	15.35	±	1.34	8724.88	1267.31	50789.10	68169.70	1981.22	1377.49
107	11	17.79	15.35	6	1.34	-62918.50	-36.93	1425.14	1595.73	-1336.06	162.26
107	11	17.79	15.35	±	1.34	9797.12	1444.05	56799.60	76510.60	2249.23	1567.19
107	11	17.79	15.35	7	1.34	-62862.20	-17.01	1171.32	2034.58	-1310.13	135.88
107	11	17.79	15.35	±	1.34	8301.52	-59.80	49769.70	66801.80	-576.61	541.11
107	11	17.79	15.35	8	1.34	-62918.50	-36.93	1425.14	1595.73	-1336.06	162.26
107	11	17.79	15.35	±	1.34	9330.57	-15.43	55665.30	74987.20	-563.73	647.38
107	11	17.79	15.35	9	1.34	-61734.10	382.33	-3918.09	10833.70	-790.16	-392.98
107	11	17.79	15.35	±	1.34	3259.56	2392.98	16782.90	22525.70	4473.74	1681.76
107	11	17.79	15.35	10	1.34	-61677.90	402.24	-4171.92	11272.50	-764.23	-419.36
107	11	17.79	15.35	±	1.34	3646.74	2646.76	18760.30	25263.80	4941.08	1865.20
107	11	17.79	15.35	11	1.34	-61734.10	382.33	-3918.09	10833.70	-790.16	-392.98
107	11	17.79	15.35	±	1.34	-1848.36	2030.73	-13384.80	-17965.80	4052.35	1106.19
107	11	17.79	15.35	12	1.34	-61677.90	402.24	-4171.92	11272.50	-764.23	-419.36
107	11	17.79	15.35	±	1.34	-2091.57	2218.18	-14979.20	-20185.50	4435.43	1200.83
107	11	17.79	15.35	13	1.34	-61734.10	382.33	-3918.09	10833.70	-790.16	-392.98
107	11	17.79	15.35	±	1.34	8724.88	1267.31	50789.10	68169.70	1981.22	1377.49
107	11	17.79	15.35	14	1.34	-61677.90	402.24	-4171.92	11272.50	-764.23	-419.36
107	11	17.79	15.35	±	1.34	9797.12	1444.05	56799.60	76510.60	2249.23	1567.19
107	11	17.79	15.35	15	1.34	-61734.10	382.33	-3918.09	10833.70	-790.16	-392.98
107	11	17.79	15.35	±	1.34	8301.52	-59.80	49769.70	66801.80	-576.61	541.11
107	11	17.79	15.35	16	1.34	-61677.90	402.24	-4171.92	11272.50	-764.23	-419.36
107	11	17.79	15.35	±	1.34	9330.57	-15.43	55665.30	74987.20	-563.73	647.38
107	11	17.79	15.35	17	1.34	-96489.80	529.59	-2054.38	10853.70	-1131.09	-345.37
107	11	17.79	15.35	18	1.34	-96377.60	-31.74	-1740.64	10399.10	-2137.81	-9.01
107	11	17.79	15.35	19	1.34	-97430.80	232.71	4134.11	2641.80	-1679.25	-186.57
107	11	17.79	15.35	20	1.34	-95436.60	265.14	-7929.12	18611.00	-1589.66	-167.81
107	11	17.79	15.35	21	1.34	-68715.30	439.44	-1450.30	7860.16	-626.50	-282.10
107	11	17.79	15.35	22	1.34	-68603.20	-121.88	-1136.56	7405.61	-1633.22	54.26
107	11	17.79	15.35	23	1.34	-69656.40	142.57	4738.18	-351.73	-1174.66	-123.30
107	11	17.79	15.35	24	1.34	-67662.20	174.99	-7325.05	15617.50	-1085.07	-104.54
107	11	17.79	15.35	25	1.34	-63828.60	457.43	-1509.06	6940.37	-565.96	-293.17
107	11	17.79	15.35	26	1.34	-63716.50	-103.89	-1195.32	6485.83	-1572.68	43.19
107	11	17.79	15.35	27	1.34	-64769.70	160.56	4679.42	-1271.51	-1114.11	-134.37
107	11	17.79	15.35	28	1.34	-62775.50	192.98	-7383.81	14697.70	-1024.52	-115.61
107	11	17.79	15.35	29	1.34	-62354.30	463.32	-1530.26	6661.41	-546.79	-296.73
107	11	17.79	15.35	30	1.34	-62242.10	-98.01	-1216.52	6206.87	-1553.51	39.63
107	11	17.79	15.35	31	1.34	-63295.30	166.44	4658.23	-1550.48	-1094.94	-137.93
107	11	17.79	15.35	32	1.34	-61301.10	198.87	-7405.00	14418.80	-1005.35	-119.17
107	11	17.79	15.35	1	1.84	-62862.20	-17.01	1171.32	2034.46	-1310.13	135.88
107	11	17.79	15.35	±	1.84	3259.56	2392.98	16782.90	22525.70	4473.74	1681.77
107	11	17.79	15.35	2	1.84	-62918.50	-36.93	1425.14	1595.61	-1336.06	162.26
107	11	17.79	15.35	±	1.84	3646.74	2646.76	18760.30	25263.80	4941.08	1865.21
107	11	17.79	15.35	3	1.84	-62862.20	-17.01	1171.32	2034.46	-1310.13	135.88
107	11	17.79	15.35	±	1.84	-1848.36	2030.73	-13384.80	-17965.80	4052.35	1106.19
107	11	17.79	15.35	4	1.84	-62918.50	-36.93	1425.14	1595.61	-1336.06	162.26
107	11	17.79	15.35	±	1.84	-2091.57	2218.18	-14979.20	-20185.60	4435.43	1200.83
107	11	17.79	15.35	5	1.84	-62862.20	-17.01	1171.32	2034.46	-1310.13	135.88
107	11	17.79	15.35	±	1.84	8724.88	1267.31	50789.10	68169.80	1981.22	1377.49
107	11	17.79	15.35	6	1.84	-62918.50	-36.93	1425.14	1595.61	-1336.06	162.26
107	11	17.79	15.35	±	1.84	9797.12	1444.05	56799.60	76510.60	2249.23	1567.19
107	11	17.79	15.35	7	1.84	-62862.20	-17.01	1171.32	2034.46	-1310.13	135.88
107	11	17.79	15.35	±	1.84	8301.52	-59.80	49769.70	66801.80	-576.61	541.11
107	11	17.79	15.35	8	1.84	-62918.50	-36.93	1425.14	1595.61	-1336.06	162.26
107	11	17.79	15.35	±	1.84	9330.57	-15.43	55665.30	74987.20	-563.73	647.38
107	11	17.79	15.35	9	1.84	-61734.10	382.33	-3918.09	10833.60	-790.16	-392.98

107	11	17.79	15.35	±	1.84	3259.56	2392.98	16782.90	22525.70	4473.74	1681.77
107	11	17.79	15.35	10	1.84	-61677.90	402.24	-4171.92	11272.40	-764.23	-419.36
107	11	17.79	15.35	±	1.84	3646.74	2646.76	18760.30	25263.80	4941.08	1865.21
107	11	17.79	15.35	11	1.84	-61734.10	382.33	-3918.09	10833.60	-790.16	-392.98
107	11	17.79	15.35	±	1.84	-1848.36	2030.73	-13384.80	-17965.80	4052.35	1106.19
107	11	17.79	15.35	12	1.84	-61677.90	402.24	-4171.92	11272.40	-764.23	-419.36
107	11	17.79	15.35	±	1.84	-2091.57	2218.18	-14979.20	-20185.60	4435.43	1200.83
107	11	17.79	15.35	13	1.84	-61734.10	382.33	-3918.09	10833.60	-790.16	-392.98
107	11	17.79	15.35	±	1.84	8724.88	1267.31	50789.10	68169.80	1981.22	1377.49
107	11	17.79	15.35	14	1.84	-61677.90	402.24	-4171.92	11272.40	-764.23	-419.36
107	11	17.79	15.35	±	1.84	9797.12	1444.05	56799.60	76510.60	2249.23	1567.19
107	11	17.79	15.35	15	1.84	-61734.10	382.33	-3918.09	10833.60	-790.16	-392.98
107	11	17.79	15.35	±	1.84	8301.52	-59.80	49769.70	66801.80	-576.61	541.11
107	11	17.79	15.35	16	1.84	-61677.90	402.24	-4171.92	11272.40	-764.23	-419.36
107	11	17.79	15.35	±	1.84	9330.57	-15.43	55665.30	74987.20	-563.73	647.38
107	11	17.79	15.35	17	1.84	-96489.80	529.59	-2054.38	10853.50	-1131.09	-345.37
107	11	17.79	15.35	18	1.84	-96377.60	-31.74	-1740.64	10399.00	-2137.81	-9.01
107	11	17.79	15.35	19	1.84	-97430.80	232.71	4134.11	2641.61	-1679.25	-186.57
107	11	17.79	15.35	20	1.84	-95436.60	265.14	-7929.12	18610.80	-1589.66	-167.81
107	11	17.79	15.35	21	1.84	-68715.30	439.44	-1450.30	7860.03	-626.50	-282.10
107	11	17.79	15.35	22	1.84	-68603.20	-121.88	-1136.56	7405.48	-1633.22	54.26
107	11	17.79	15.35	23	1.84	-69656.40	142.57	4738.18	-351.86	-1174.66	-123.30
107	11	17.79	15.35	24	1.84	-67662.20	174.99	-7325.05	15617.40	-1085.07	-104.54
107	11	17.79	15.35	25	1.84	-63828.60	457.43	-1509.06	6940.25	-565.96	-293.17
107	11	17.79	15.35	26	1.84	-63716.50	-103.89	-1195.32	6485.70	-1572.68	43.19
107	11	17.79	15.35	27	1.84	-64769.70	160.56	4679.42	-1271.64	-1114.11	-134.37
107	11	17.79	15.35	28	1.84	-62775.50	192.98	-7383.81	14697.60	-1024.52	-115.61
107	11	17.79	15.35	29	1.84	-62354.30	463.32	-1530.26	6661.29	-546.79	-296.73
107	11	17.79	15.35	30	1.84	-62242.10	-98.01	-1216.52	6206.75	-1553.51	39.63
107	11	17.79	15.35	31	1.84	-63295.30	166.44	4658.23	-1550.60	-1094.94	-137.93
107	11	17.79	15.35	32	1.84	-61301.10	198.87	-7405.00	14418.60	-1005.35	-119.17
107	12	17.79	15.35	1	1.84	-62093.30	-17.01	1170.54	2591.10	-1301.62	135.92
107	12	17.79	15.35	±	1.84	3209.33	2392.98	16782.50	14724.90	3288.63	1681.67
107	12	17.79	15.35	2	1.84	-62148.70	-36.93	1424.36	2270.70	-1317.60	162.30
107	12	17.79	15.35	±	1.84	3590.52	2646.76	18759.90	16548.00	3629.49	1865.11
107	12	17.79	15.35	3	1.84	-62093.30	-17.01	1170.54	2591.10	-1301.62	135.92
107	12	17.79	15.35	±	1.84	-1805.53	2030.73	-13384.50	-11735.50	3025.63	1106.15
107	12	17.79	15.35	4	1.84	-62148.70	-36.93	1424.36	2270.70	-1317.60	162.30
107	12	17.79	15.35	±	1.84	-2043.58	2218.18	-14978.90	-13217.20	3314.59	1200.79
107	12	17.79	15.35	5	1.84	-62093.30	-17.01	1170.54	2591.10	-1301.62	135.92
107	12	17.79	15.35	±	1.84	8568.67	1267.31	50788.10	44549.10	1385.48	1377.38
107	12	17.79	15.35	6	1.84	-62148.70	-36.93	1424.36	2270.70	-1317.60	162.30
107	12	17.79	15.35	±	1.84	9622.21	1444.05	56798.40	50108.20	1566.43	1567.08
107	12	17.79	15.35	7	1.84	-62093.30	-17.01	1170.54	2591.10	-1301.62	135.92
107	12	17.79	15.35	±	1.84	8147.53	-59.80	49768.60	43652.20	-508.80	541.03
107	12	17.79	15.35	8	1.84	-62148.70	-36.93	1424.36	2270.70	-1317.60	162.30
107	12	17.79	15.35	±	1.84	9158.13	-15.43	55664.10	49109.00	-516.79	647.31
107	12	17.79	15.35	9	1.84	-60982.70	382.33	-3918.71	9015.43	-981.33	-392.97
107	12	17.79	15.35	±	1.84	3209.33	2392.98	16782.50	14724.90	3288.63	1681.67
107	12	17.79	15.35	10	1.84	-60927.30	402.24	-4172.53	9335.84	-965.35	-419.35
107	12	17.79	15.35	±	1.84	3590.52	2646.76	18759.90	16548.00	3629.49	1865.11
107	12	17.79	15.35	11	1.84	-60982.70	382.33	-3918.71	9015.43	-981.33	-392.97
107	12	17.79	15.35	±	1.84	-1805.53	2030.73	-13384.50	-11735.50	3025.63	1106.15
107	12	17.79	15.35	12	1.84	-60927.30	402.24	-4172.53	9335.84	-965.35	-419.35
107	12	17.79	15.35	±	1.84	-2043.58	2218.18	-14978.90	-13217.20	3314.59	1200.79
107	12	17.79	15.35	13	1.84	-60982.70	382.33	-3918.71	9015.43	-981.33	-392.97
107	12	17.79	15.35	±	1.84	8568.67	1267.31	50788.10	44549.10	1385.48	1377.38
107	12	17.79	15.35	14	1.84	-60927.30	402.24	-4172.53	9335.84	-965.35	-419.35
107	12	17.79	15.35	±	1.84	9622.21	1444.05	56798.40	50108.20	1566.43	1567.08
107	12	17.79	15.35	15	1.84	-60982.70	382.33	-3918.71	9015.43	-981.33	-392.97
107	12	17.79	15.35	±	1.84	8147.53	-59.80	49768.60	43652.20	-508.80	541.03
107	12	17.79	15.35	16	1.84	-60927.30	402.24	-4172.53	9335.84	-965.35	-419.35
107	12	17.79	15.35	±	1.84	9158.13	-15.43	55664.10	49109.00	-516.79	647.31
107	12	17.79	15.35	17	1.84	-95496.40	529.59	-2055.51	9910.93	-1395.89	-345.32
107	12	17.79	15.35	18	1.84	-95383.90	-31.74	-1741.80	9602.25	-2121.95	-8.98
107	12	17.79	15.35	19	1.84	-96418.80	232.71	4132.83	4588.14	-1795.61	-186.50
107	12	17.79	15.35	20	1.84	-94461.60	265.14	-7930.15	14925.00	-1722.23	-167.79
107	12	17.79	15.35	21	1.84	-67952.60	439.44	-1451.11	7194.49	-846.23	-282.06
107	12	17.79	15.35	22	1.84	-67840.20	-121.89	-1137.40	6885.82	-1572.28	54.28
107	12	17.79	15.35	23	1.84	-68875.00	142.57	4737.24	1871.71	-1245.94	-123.24
107	12	17.79	15.35	24	1.84	-66917.80	174.99	-7325.74	12208.60	-1172.56	-104.54
107	12	17.79	15.35	25	1.84	-63068.00	457.43	-1509.77	6246.65	-794.68	-293.13
107	12	17.79	15.35	26	1.84	-62955.50	-103.89	-1196.07	5937.98	-1520.73	43.20
107	12	17.79	15.35	27	1.84	-63990.40	160.56	4678.57	923.87	-1194.39	-134.32
107	12	17.79	15.35	28	1.84	-62033.10	192.98	-7384.41	11260.80	-1121.02	-115.61
107	12	17.79	15.35	29	1.84	-61594.30	463.32	-1530.94	5957.61	-778.45	-296.69
107	12	17.79	15.35	30	1.84	-61481.80	-98.01	-1217.23	5648.93	-1504.50	39.64
107	12	17.79	15.35	31	1.84	-62516.60	166.44	4657.41	634.82	-1178.16	-137.88
107	12	17.79	15.35	32	1.84	-60559.40	198.87	-7405.58	10971.70	-1104.79	-119.17
107	12	17.79	15.35	1	2.34	-62093.30	-17.01	1170.54	2590.99	-1301.62	135.92
107	12	17.79	15.35	±	2.34	3209.33	2392.98	16782.50	14724.90	3288.63	1681.68
107	12	17.79	15.35	2	2.34	-62148.70	-36.93	1424.36	2270.58	-1317.60	162.30

107	12	17.79	15.35	±	2.34	3590.52	2646.76	18759.90	16548.00	3629.49	1865.11
107	12	17.79	15.35	3	2.34	-62093.30	-17.01	1170.54	2590.99	-1301.62	135.92
107	12	17.79	15.35	±	2.34	-1805.53	2030.73	-13384.50	-11735.50	3025.63	1106.16
107	12	17.79	15.35	4	2.34	-62148.70	-36.93	1424.36	2270.58	-1317.60	162.30
107	12	17.79	15.35	±	2.34	-2043.58	2218.18	-14978.90	-13217.20	3314.59	1200.79
107	12	17.79	15.35	5	2.34	-62093.30	-17.01	1170.54	2590.99	-1301.62	135.92
107	12	17.79	15.35	±	2.34	8568.67	1267.31	50788.10	44549.10	1385.48	1377.38
107	12	17.79	15.35	6	2.34	-62148.70	-36.93	1424.36	2270.58	-1317.60	162.30
107	12	17.79	15.35	±	2.34	9622.21	1444.05	56798.40	50108.30	1566.43	1567.08
107	12	17.79	15.35	7	2.34	-62093.30	-17.01	1170.54	2590.99	-1301.62	135.92
107	12	17.79	15.35	±	2.34	8147.53	-59.80	49768.60	43652.30	-508.80	541.03
107	12	17.79	15.35	8	2.34	-62148.70	-36.93	1424.36	2270.58	-1317.60	162.30
107	12	17.79	15.35	±	2.34	9158.13	-15.43	55664.10	49109.00	-516.79	647.31
107	12	17.79	15.35	9	2.34	-60982.70	382.33	-3918.71	9015.32	-981.33	-392.97
107	12	17.79	15.35	±	2.34	3209.33	2392.98	16782.50	14724.90	3288.63	1681.68
107	12	17.79	15.35	10	2.34	-60927.30	402.24	-4172.53	9335.72	-965.35	-419.35
107	12	17.79	15.35	±	2.34	3590.52	2646.76	18759.90	16548.00	3629.49	1865.11
107	12	17.79	15.35	11	2.34	-60982.70	382.33	-3918.71	9015.32	-981.33	-392.97
107	12	17.79	15.35	±	2.34	-1805.53	2030.73	-13384.50	-11735.50	3025.63	1106.16
107	12	17.79	15.35	12	2.34	-60927.30	402.24	-4172.53	9335.72	-965.35	-419.35
107	12	17.79	15.35	±	2.34	-2043.58	2218.18	-14978.90	-13217.20	3314.59	1200.79
107	12	17.79	15.35	13	2.34	-60982.70	382.33	-3918.71	9015.32	-981.33	-392.97
107	12	17.79	15.35	±	2.34	8568.67	1267.31	50788.10	44549.10	1385.48	1377.38
107	12	17.79	15.35	14	2.34	-60927.30	402.24	-4172.53	9335.72	-965.35	-419.35
107	12	17.79	15.35	±	2.34	9622.21	1444.05	56798.40	50108.30	1566.43	1567.08
107	12	17.79	15.35	15	2.34	-60982.70	382.33	-3918.71	9015.32	-981.33	-392.97
107	12	17.79	15.35	±	2.34	8147.53	-59.80	49768.60	43652.30	-508.80	541.03
107	12	17.79	15.35	16	2.34	-60927.30	402.24	-4172.53	9335.72	-965.35	-419.35
107	12	17.79	15.35	±	2.34	9158.13	-15.43	55664.10	49109.00	-516.79	647.31
107	12	17.79	15.35	17	2.34	-95496.40	529.59	-2055.51	9910.75	-1395.89	-345.32
107	12	17.79	15.35	18	2.34	-95383.90	-31.74	-1741.80	9602.07	-2121.95	-8.98
107	12	17.79	15.35	19	2.34	-96418.80	232.71	4132.83	4587.96	-1795.61	-186.50
107	12	17.79	15.35	20	2.34	-94461.60	265.14	-7930.15	14924.90	-1722.23	-167.80
107	12	17.79	15.35	21	2.34	-67952.60	439.44	-1451.11	7194.36	-846.23	-282.06
107	12	17.79	15.35	22	2.34	-67840.20	-121.89	-1137.40	6885.69	-1572.28	54.28
107	12	17.79	15.35	23	2.34	-68875.00	142.57	4737.24	1871.58	-1245.94	-123.24
107	12	17.79	15.35	24	2.34	-66917.80	174.99	-7325.74	12208.50	-1172.56	-104.54
107	12	17.79	15.35	25	2.34	-63068.00	457.43	-1509.77	6246.53	-794.68	-293.14
107	12	17.79	15.35	26	2.34	-62955.50	-103.89	-1196.07	5937.86	-1520.73	43.20
107	12	17.79	15.35	27	2.34	-63990.40	160.56	4678.57	923.75	-1194.39	-134.32
107	12	17.79	15.35	28	2.34	-62033.10	192.98	-7384.41	11260.60	-1121.02	-115.61
107	12	17.79	15.35	29	2.34	-61594.30	463.32	-1530.94	5957.49	-778.45	-296.69
107	12	17.79	15.35	30	2.34	-61481.80	-98.01	-1217.23	5648.82	-1504.50	39.64
107	12	17.79	15.35	31	2.34	-62516.60	166.44	4657.41	634.70	-1178.16	-137.88
107	12	17.79	15.35	32	2.34	-60559.40	198.87	-7405.58	10971.60	-1104.79	-119.17
107	13	17.79	15.35	1	2.34	-61339.40	-17.01	1169.72	3129.31	-1293.12	135.81
107	13	17.79	15.35	±	2.34	3161.42	2392.98	16782.30	6982.39	2132.46	1680.98
107	13	17.79	15.35	2	2.34	-61394.10	-36.93	1423.54	2927.69	-1299.13	162.18
107	13	17.79	15.35	±	2.34	3537.02	2646.76	18759.60	7905.34	2348.67	1864.33
107	13	17.79	15.35	3	2.34	-61339.40	-17.01	1169.72	3129.31	-1293.12	135.81
107	13	17.79	15.35	±	2.34	-1773.79	2030.73	-13384.30	-5534.88	1970.01	1105.45
107	13	17.79	15.35	4	2.34	-61394.10	-36.93	1423.54	2927.69	-1299.13	162.18
107	13	17.79	15.35	±	2.34	-2007.92	2218.18	-14978.70	-6290.10	2163.00	1200.02
107	13	17.79	15.35	5	2.34	-61339.40	-17.01	1169.72	3129.31	-1293.12	135.81
107	13	17.79	15.35	±	2.34	8433.49	1267.31	50787.40	21079.20	886.13	1377.18
107	13	17.79	15.35	6	2.34	-61394.10	-36.93	1423.54	2927.69	-1299.13	162.18
107	13	17.79	15.35	±	2.34	9470.94	1444.05	56797.70	23901.30	986.20	1566.84
107	13	17.79	15.35	7	2.34	-61339.40	-17.01	1169.72	3129.31	-1293.12	135.81
107	13	17.79	15.35	±	2.34	8017.20	-59.80	49768.00	20645.00	-344.61	541.25
107	13	17.79	15.35	8	2.34	-61394.10	-36.93	1423.54	2927.69	-1299.13	162.18
107	13	17.79	15.35	±	2.34	9012.21	-15.43	55663.40	23416.80	-367.30	647.53
107	13	17.79	15.35	9	2.34	-60243.00	382.33	-3919.41	7172.08	-1172.49	-392.95
107	13	17.79	15.35	±	2.34	3161.42	2392.98	16782.30	6982.39	2132.46	1680.98
107	13	17.79	15.35	10	2.34	-60188.30	402.24	-4173.22	7373.71	-1166.47	-419.32
107	13	17.79	15.35	±	2.34	3537.02	2646.76	18759.60	7905.34	2348.67	1864.33
107	13	17.79	15.35	11	2.34	-60243.00	382.33	-3919.41	7172.08	-1172.49	-392.95
107	13	17.79	15.35	±	2.34	-1773.79	2030.73	-13384.30	-5534.88	1970.01	1105.45
107	13	17.79	15.35	12	2.34	-60188.30	402.24	-4173.22	7373.71	-1166.47	-419.32
107	13	17.79	15.35	±	2.34	-2007.92	2218.18	-14978.70	-6290.10	2163.00	1200.02
107	13	17.79	15.35	13	2.34	-60243.00	382.33	-3919.41	7172.08	-1172.49	-392.95
107	13	17.79	15.35	±	2.34	8433.49	1267.31	50787.40	21079.20	886.13	1377.18
107	13	17.79	15.35	14	2.34	-60188.30	402.24	-4173.22	7373.71	-1166.47	-419.32
107	13	17.79	15.35	±	2.34	9470.94	1444.05	56797.70	23901.30	986.20	1566.84
107	13	17.79	15.35	15	2.34	-60243.00	382.33	-3919.41	7172.08	-1172.49	-392.95
107	13	17.79	15.35	±	2.34	8017.20	-59.80	49768.00	20645.00	-344.61	541.25
107	13	17.79	15.35	16	2.34	-60188.30	402.24	-4173.22	7373.71	-1166.47	-419.32
107	13	17.79	15.35	±	2.34	9012.21	-15.43	55663.40	23416.80	-367.30	647.53
107	13	17.79	15.35	17	2.34	-94523.50	529.59	-2056.75	8932.11	-1660.68	-345.32
107	13	17.79	15.35	18	2.34	-94412.10	-31.74	-1743.07	8770.20	-2106.08	-9.15
107	13	17.79	15.35	19	2.34	-95430.70	232.71	4131.51	6505.77	-1911.96	-186.63
107	13	17.79	15.35	20	2.34	-93505.00	265.14	-7931.33	11196.50	-1854.80	-167.84
107	13	17.79	15.35	21	2.34	-67204.30	439.44	-1451.98	6503.21	-1065.95	-282.04

107	13	17.79	15.35	22	2.34	-67092.90	-121.88	-1138.30	6341.30	-1511.34	54.13
107	13	17.79	15.35	23	2.34	-68111.40	142.57	4736.28	4076.87	-1317.23	-123.35
107	13	17.79	15.35	24	2.34	-66185.70	174.99	-7326.56	8767.64	-1260.06	-104.56
107	13	17.79	15.35	25	2.34	-62320.40	457.43	-1510.55	5529.94	-1023.39	-293.10
107	13	17.79	15.35	26	2.34	-62208.90	-103.89	-1196.87	5368.03	-1468.79	43.06
107	13	17.79	15.35	27	2.34	-63227.50	160.56	4677.71	3103.60	-1274.67	-134.41
107	13	17.79	15.35	28	2.34	-61301.80	192.98	-7385.13	7794.37	-1217.51	-115.63
107	13	17.79	15.35	29	2.34	-60846.90	463.32	-1531.68	5231.66	-1010.11	-296.66
107	13	17.79	15.35	30	2.34	-60735.50	-98.01	-1218.00	5069.74	-1455.50	39.51
107	13	17.79	15.35	31	2.34	-61754.00	166.44	4656.58	2805.31	-1261.39	-137.97
107	13	17.79	15.35	32	2.34	-59828.30	198.87	-7406.26	7496.09	-1204.22	-119.18
107	13	17.79	15.35	1	2.84	-61339.40	-17.01	1169.72	3129.20	-1293.12	135.81
107	13	17.79	15.35	±	2.84	3161.42	2392.98	16782.30	6982.39	2132.46	1680.98
107	13	17.79	15.35	2	2.84	-61394.10	-36.93	1423.54	2927.57	-1299.13	162.18
107	13	17.79	15.35	±	2.84	3537.02	2646.76	18759.60	7905.35	2348.67	1864.34
107	13	17.79	15.35	3	2.84	-61339.40	-17.01	1169.72	3129.20	-1293.12	135.81
107	13	17.79	15.35	±	2.84	-1773.79	2030.73	-13384.30	-5534.89	1970.01	1105.45
107	13	17.79	15.35	4	2.84	-61394.10	-36.93	1423.54	2927.57	-1299.13	162.18
107	13	17.79	15.35	±	2.84	-2007.92	2218.18	-14978.70	-6290.10	2163.00	1200.03
107	13	17.79	15.35	5	2.84	-61339.40	-17.01	1169.72	3129.20	-1293.12	135.81
107	13	17.79	15.35	±	2.84	8433.49	1267.31	50787.40	21079.30	886.13	1377.18
107	13	17.79	15.35	6	2.84	-61394.10	-36.93	1423.54	2927.57	-1299.13	162.18
107	13	17.79	15.35	±	2.84	9470.94	1444.05	56797.70	23901.40	986.20	1566.84
107	13	17.79	15.35	7	2.84	-61339.40	-17.01	1169.72	3129.20	-1293.12	135.81
107	13	17.79	15.35	±	2.84	8017.20	-59.80	49768.00	20645.00	-344.61	541.25
107	13	17.79	15.35	8	2.84	-61394.10	-36.93	1423.54	2927.57	-1299.13	162.18
107	13	17.79	15.35	±	2.84	9012.21	-15.43	55663.40	23416.80	-367.30	647.53
107	13	17.79	15.35	9	2.84	-60243.00	382.33	-3919.41	7171.97	-1172.49	-392.95
107	13	17.79	15.35	±	2.84	3161.42	2392.98	16782.30	6982.39	2132.46	1680.98
107	13	17.79	15.35	10	2.84	-60188.30	402.24	-4173.22	7373.60	-1166.47	-419.32
107	13	17.79	15.35	±	2.84	3537.02	2646.76	18759.60	7905.35	2348.67	1864.34
107	13	17.79	15.35	11	2.84	-60243.00	382.33	-3919.41	7171.97	-1172.49	-392.95
107	13	17.79	15.35	±	2.84	-1773.79	2030.73	-13384.30	-5534.89	1970.01	1105.45
107	13	17.79	15.35	12	2.84	-60188.30	402.24	-4173.22	7373.60	-1166.47	-419.32
107	13	17.79	15.35	±	2.84	-2007.92	2218.18	-14978.70	-6290.10	2163.00	1200.03
107	13	17.79	15.35	13	2.84	-60243.00	382.33	-3919.41	7171.97	-1172.49	-392.95
107	13	17.79	15.35	±	2.84	8433.49	1267.31	50787.40	21079.30	886.13	1377.18
107	13	17.79	15.35	14	2.84	-60188.30	402.24	-4173.22	7373.60	-1166.47	-419.32
107	13	17.79	15.35	±	2.84	9470.94	1444.05	56797.70	23901.40	986.20	1566.84
107	13	17.79	15.35	15	2.84	-60243.00	382.33	-3919.41	7171.97	-1172.49	-392.95
107	13	17.79	15.35	±	2.84	8017.20	-59.80	49768.00	20645.00	-344.61	541.25
107	13	17.79	15.35	16	2.84	-60188.30	402.24	-4173.22	7373.60	-1166.47	-419.32
107	13	17.79	15.35	±	2.84	9012.21	-15.43	55663.40	23416.80	-367.30	647.53
107	13	17.79	15.35	17	2.84	-94523.50	529.59	-2056.75	8931.93	-1660.68	-345.32
107	13	17.79	15.35	18	2.84	-94412.10	-31.74	-1743.07	8770.01	-2106.08	-9.15
107	13	17.79	15.35	19	2.84	-95430.70	232.71	4131.51	6505.58	-1911.96	-186.63
107	13	17.79	15.35	20	2.84	-93505.00	265.14	-7931.33	11196.40	-1854.80	-167.84
107	13	17.79	15.35	21	2.84	-67204.30	439.44	-1451.98	6503.08	-1065.95	-282.04
107	13	17.79	15.35	22	2.84	-67092.90	-121.88	-1138.30	6341.17	-1511.34	54.13
107	13	17.79	15.35	23	2.84	-68111.40	142.57	4736.28	4076.74	-1317.23	-123.35
107	13	17.79	15.35	24	2.84	-66185.70	174.99	-7326.56	8767.52	-1260.06	-104.56
107	13	17.79	15.35	25	2.84	-62320.40	457.43	-1510.55	5529.82	-1023.39	-293.10
107	13	17.79	15.35	26	2.84	-62208.90	-103.89	-1196.87	5367.91	-1468.79	43.06
107	13	17.79	15.35	27	2.84	-63227.50	160.56	4677.71	3103.48	-1274.67	-134.41
107	13	17.79	15.35	28	2.84	-61301.80	192.98	-7385.13	7794.26	-1217.51	-115.63
107	13	17.79	15.35	29	2.84	-60846.90	463.32	-1531.68	5231.54	-1010.11	-296.66
107	13	17.79	15.35	30	2.84	-60735.50	-98.01	-1218.00	5069.62	-1455.50	39.51
107	13	17.79	15.35	31	2.84	-61754.00	166.44	4656.58	2805.19	-1261.39	-137.97
107	13	17.79	15.35	32	2.84	-59828.30	198.87	-7406.26	7495.97	-1204.22	-119.18
107	14	17.79	15.35	1	2.84	-60700.70	-17.01	1168.85	3690.01	-1284.61	133.83
107	14	17.79	15.35	±	2.84	3160.80	2392.98	16782.20	2019.24	1056.34	1684.15
107	14	17.79	15.35	2	2.84	-60755.50	-36.93	1422.66	3607.59	-1280.67	160.22
107	14	17.79	15.35	±	2.84	3536.42	2646.76	18759.50	2309.82	1163.85	1867.83
107	14	17.79	15.35	3	2.84	-60700.70	-17.01	1168.85	3690.01	-1284.61	133.83
107	14	17.79	15.35	±	2.84	-1776.65	2030.73	-13384.30	-1458.11	834.47	1108.25
107	14	17.79	15.35	4	2.84	-60755.50	-36.93	1422.66	3607.59	-1280.67	160.22
107	14	17.79	15.35	±	2.84	-2011.14	2218.18	-14978.70	-1685.71	915.59	1203.09
107	14	17.79	15.35	5	2.84	-60700.70	-17.01	1168.85	3690.01	-1284.61	133.83
107	14	17.79	15.35	±	2.84	8436.70	1267.31	50787.20	5879.76	653.40	1378.68
107	14	17.79	15.35	6	2.84	-60755.50	-36.93	1422.66	3607.59	-1280.67	160.22
107	14	17.79	15.35	±	2.84	9474.73	1444.05	56797.40	6752.82	725.68	1568.53
107	14	17.79	15.35	7	2.84	-60700.70	-17.01	1168.85	3690.01	-1284.61	133.83
107	14	17.79	15.35	±	2.84	8021.45	-59.80	49767.80	5711.42	86.16	540.96
107	14	17.79	15.35	8	2.84	-60755.50	-36.93	1422.66	3607.59	-1280.67	160.22
107	14	17.79	15.35	±	2.84	9017.14	-15.43	55663.20	6565.59	101.85	647.25
107	14	17.79	15.35	9	2.84	-59602.60	382.33	-3920.20	5342.42	-1363.65	-395.32
107	14	17.79	15.35	±	2.84	3160.80	2392.98	16782.20	2019.24	1056.34	1684.15
107	14	17.79	15.35	10	2.84	-59547.90	402.24	-4174.01	5424.83	-1367.59	-421.71
107	14	17.79	15.35	±	2.84	3536.42	2646.76	18759.50	2309.82	1163.85	1867.83
107	14	17.79	15.35	11	2.84	-59602.60	382.33	-3920.20	5342.42	-1363.65	-395.32
107	14	17.79	15.35	±	2.84	-1776.65	2030.73	-13384.30	-1458.11	834.47	1108.25
107	14	17.79	15.35	12	2.84	-59547.90	402.24	-4174.01	5424.83	-1367.59	-421.71

107	14	17.79	15.35	±	2.84	-2011.14	2218.18	-14978.70	-1685.71	915.59	1203.09
107	14	17.79	15.35	13	2.84	-59602.60	382.33	-3920.20	5342.42	-1363.65	-395.32
107	14	17.79	15.35	±	2.84	8436.70	1267.31	50787.20	5879.76	653.40	1378.68
107	14	17.79	15.35	14	2.84	-59547.90	402.24	-4174.01	5424.83	-1367.59	-421.71
107	14	17.79	15.35	±	2.84	9474.73	1444.05	56797.40	6752.82	725.68	1568.53
107	14	17.79	15.35	15	2.84	-59602.60	382.33	-3920.20	5342.42	-1363.65	-395.32
107	14	17.79	15.35	±	2.84	8021.45	-59.80	49767.80	5711.42	86.16	540.96
107	14	17.79	15.35	16	2.84	-59547.90	402.24	-4174.01	5424.83	-1367.59	-421.71
107	14	17.79	15.35	±	2.84	9017.14	-15.43	55663.20	6565.59	101.85	647.25
107	14	17.79	15.35	17	2.84	-93721.20	529.59	-2058.11	7985.53	-1925.48	-348.83
107	14	17.79	15.35	18	2.84	-93610.30	-31.74	-1744.44	7970.75	-2090.21	-11.96
107	14	17.79	15.35	19	2.84	-94629.00	232.71	4130.12	8464.10	-2028.32	-189.79
107	14	17.79	15.35	20	2.84	-92702.50	265.14	-7932.67	7492.18	-1987.36	-171.00
107	14	17.79	15.35	21	2.84	-66574.60	439.44	-1452.94	5835.12	-1285.67	-284.51
107	14	17.79	15.35	22	2.84	-66463.70	-121.89	-1139.28	5820.34	-1450.40	52.36
107	14	17.79	15.35	23	2.84	-67482.40	142.57	4735.28	6313.69	-1388.51	-125.47
107	14	17.79	15.35	24	2.84	-65555.90	174.99	-7327.50	5341.77	-1347.55	-106.68
107	14	17.79	15.35	25	2.84	-61683.10	457.43	-1511.41	4832.45	-1252.11	-295.61
107	14	17.79	15.35	26	2.84	-61572.20	-103.89	-1197.75	4817.66	-1416.84	41.26
107	14	17.79	15.35	27	2.84	-62590.90	160.56	4676.81	5311.01	-1354.95	-136.57
107	14	17.79	15.35	28	2.84	-60664.40	192.98	-7385.97	4339.10	-1314.00	-117.78
107	14	17.79	15.35	29	2.84	-60207.20	463.32	-1532.51	4523.60	-1241.77	-299.18
107	14	17.79	15.35	30	2.84	-60096.20	-98.01	-1218.85	4508.82	-1406.50	37.69
107	14	17.79	15.35	31	2.84	-61114.90	166.44	4655.71	5002.17	-1344.61	-140.14
107	14	17.79	15.35	32	2.84	-59188.40	198.87	-7407.07	4030.25	-1303.65	-121.35
107	14	17.79	15.35	1	3.34	-60700.70	-17.01	1168.85	3689.89	-1284.61	133.83
107	14	17.79	15.35	±	3.34	3160.80	2392.98	16782.20	2019.24	1056.34	1684.15
107	14	17.79	15.35	2	3.34	-60755.50	-36.93	1422.66	3607.48	-1280.67	160.22
107	14	17.79	15.35	±	3.34	3536.42	2646.76	18759.50	2309.81	1163.85	1867.83
107	14	17.79	15.35	3	3.34	-60700.70	-17.01	1168.85	3689.89	-1284.61	133.83
107	14	17.79	15.35	±	3.34	-1776.65	2030.73	-13384.30	-1458.11	834.47	1108.26
107	14	17.79	15.35	4	3.34	-60755.50	-36.93	1422.66	3607.48	-1280.67	160.22
107	14	17.79	15.35	±	3.34	-2011.14	2218.18	-14978.70	-1685.71	915.59	1203.10
107	14	17.79	15.35	5	3.34	-60700.70	-17.01	1168.85	3689.89	-1284.61	133.83
107	14	17.79	15.35	±	3.34	8436.70	1267.31	50787.20	5879.75	653.40	1378.68
107	14	17.79	15.35	6	3.34	-60755.50	-36.93	1422.66	3607.48	-1280.67	160.22
107	14	17.79	15.35	±	3.34	9474.73	1444.05	56797.40	6752.82	725.68	1568.53
107	14	17.79	15.35	7	3.34	-60700.70	-17.01	1168.85	3689.89	-1284.61	133.83
107	14	17.79	15.35	±	3.34	8021.45	-59.80	49767.80	5711.41	86.16	540.96
107	14	17.79	15.35	8	3.34	-60755.50	-36.93	1422.66	3607.48	-1280.67	160.22
107	14	17.79	15.35	±	3.34	9017.14	-15.43	55663.20	6565.58	101.85	647.25
107	14	17.79	15.35	9	3.34	-59602.60	382.33	-3920.20	5342.31	-1363.65	-395.32
107	14	17.79	15.35	±	3.34	3160.80	2392.98	16782.20	2019.24	1056.34	1684.15
107	14	17.79	15.35	10	3.34	-59547.90	402.24	-4174.01	5424.72	-1367.59	-421.71
107	14	17.79	15.35	±	3.34	3536.42	2646.76	18759.50	2309.81	1163.85	1867.83
107	14	17.79	15.35	11	3.34	-59602.60	382.33	-3920.20	5342.31	-1363.65	-395.32
107	14	17.79	15.35	±	3.34	-1776.65	2030.73	-13384.30	-1458.11	834.47	1108.26
107	14	17.79	15.35	12	3.34	-59547.90	402.24	-4174.01	5424.72	-1367.59	-421.71
107	14	17.79	15.35	±	3.34	-2011.14	2218.18	-14978.70	-1685.71	915.59	1203.10
107	14	17.79	15.35	13	3.34	-59602.60	382.33	-3920.20	5342.31	-1363.65	-395.32
107	14	17.79	15.35	±	3.34	8436.70	1267.31	50787.20	5879.75	653.40	1378.68
107	14	17.79	15.35	14	3.34	-59547.90	402.24	-4174.01	5424.72	-1367.59	-421.71
107	14	17.79	15.35	±	3.34	9474.73	1444.05	56797.40	6752.82	725.68	1568.53
107	14	17.79	15.35	15	3.34	-59602.60	382.33	-3920.20	5342.31	-1363.65	-395.32
107	14	17.79	15.35	±	3.34	8021.45	-59.80	49767.80	5711.41	86.16	540.96
107	14	17.79	15.35	16	3.34	-59547.90	402.24	-4174.01	5424.72	-1367.59	-421.71
107	14	17.79	15.35	±	3.34	9017.14	-15.43	55663.20	6565.58	101.85	647.25
107	14	17.79	15.35	17	3.34	-93721.20	529.59	-2058.11	7985.35	-1925.48	-348.83
107	14	17.79	15.35	18	3.34	-93610.30	-31.74	-1744.44	7970.57	-2090.21	-11.96
107	14	17.79	15.35	19	3.34	-94629.00	232.71	4130.12	8463.92	-2028.32	-189.79
107	14	17.79	15.35	20	3.34	-92702.50	265.14	-7932.67	7492.01	-1987.36	-171.00
107	14	17.79	15.35	21	3.34	-66574.60	439.44	-1452.94	5835.00	-1285.67	-284.51
107	14	17.79	15.35	22	3.34	-66463.70	-121.89	-1139.28	5820.22	-1450.40	52.36
107	14	17.79	15.35	23	3.34	-67482.40	142.57	4735.28	6313.56	-1388.51	-125.47
107	14	17.79	15.35	24	3.34	-65555.90	174.99	-7327.50	5341.65	-1347.55	-106.68
107	14	17.79	15.35	25	3.34	-61683.10	457.43	-1511.41	4832.33	-1252.11	-295.61
107	14	17.79	15.35	26	3.34	-61572.20	-103.89	-1197.75	4817.55	-1416.84	41.26
107	14	17.79	15.35	27	3.34	-62590.90	160.56	4676.81	5310.89	-1354.95	-136.57
107	14	17.79	15.35	28	3.34	-60664.40	192.98	-7385.97	4338.98	-1314.00	-117.78
107	14	17.79	15.35	29	3.34	-60207.20	463.32	-1532.51	4523.49	-1241.77	-299.18
107	14	17.79	15.35	30	3.34	-60096.20	-98.01	-1218.85	4508.71	-1406.50	37.69
107	14	17.79	15.35	31	3.34	-61114.90	166.44	4655.71	5002.06	-1344.61	-140.14
107	14	17.79	15.35	32	3.34	-59188.40	198.87	-7407.07	4030.14	-1303.65	-121.35
107	15	17.79	15.35	1	3.34	-59784.30	-17.01	1167.91	4094.03	-1276.11	125.60
107	15	17.79	15.35	±	3.34	3041.92	2392.98	16782.20	8945.57	347.29	1696.29
107	15	17.79	15.35	2	3.34	-59836.80	-36.93	1421.71	4127.55	-1262.21	152.06
107	15	17.79	15.35	±	3.34	3403.16	2646.76	18759.60	9945.46	390.46	1881.23
107	15	17.79	15.35	3	3.34	-59784.30	-17.01	1167.91	4094.03	-1276.11	125.60
107	15	17.79	15.35	±	3.34	-1679.60	2030.73	-13384.30	-7083.11	-23.75	1119.10
107	15	17.79	15.35	4	3.34	-59836.80	-36.93	1421.71	4127.55	-1262.21	152.06
107	15	17.79	15.35	±	3.34	-1902.11	2218.18	-14978.70	-7876.72	-34.55	1214.98
107	15	17.79	15.35	5	3.34	-59784.30	-17.01	1167.91	4094.03	-1276.11	125.60

107	15	17.79	15.35	±	3.34	8073.53	1267.31	50787.30	26993.80	666.93	1384.31
107	15	17.79	15.35	6	3.34	-59836.80	-36.93	1421.71	4127.55	-1262.21	152.06
107	15	17.79	15.35	±	3.34	9067.27	1444.05	56797.60	30013.90	761.74	1574.86
107	15	17.79	15.35	7	3.34	-59784.30	-17.01	1167.91	4094.03	-1276.11	125.60
107	15	17.79	15.35	±	3.34	7664.84	-59.80	49768.00	26435.10	569.87	539.69
107	15	17.79	15.35	8	3.34	-59836.80	-36.93	1421.71	4127.55	-1262.21	152.06
107	15	17.79	15.35	±	3.34	8616.95	-15.43	55663.30	29393.30	654.96	645.99
107	15	17.79	15.35	9	3.34	-58731.50	382.33	-3921.09	3422.00	-1554.82	-404.94
107	15	17.79	15.35	±	3.34	3041.92	2392.98	16782.20	8945.57	347.29	1696.29
107	15	17.79	15.35	10	3.34	-58679.00	402.24	-4174.90	3388.48	-1568.72	-431.40
107	15	17.79	15.35	±	3.34	3403.16	2646.76	18759.60	9945.46	390.46	1881.23
107	15	17.79	15.35	11	3.34	-58731.50	382.33	-3921.09	3422.00	-1554.82	-404.94
107	15	17.79	15.35	±	3.34	-1679.60	2030.73	-13384.30	-7083.11	-23.75	1119.10
107	15	17.79	15.35	12	3.34	-58679.00	402.24	-4174.90	3388.48	-1568.72	-431.40
107	15	17.79	15.35	±	3.34	-1902.11	2218.18	-14978.70	-7876.72	-34.55	1214.98
107	15	17.79	15.35	13	3.34	-58731.50	382.33	-3921.09	3422.00	-1554.82	-404.94
107	15	17.79	15.35	±	3.34	8073.53	1267.31	50787.30	26993.80	666.93	1384.31
107	15	17.79	15.35	14	3.34	-58679.00	402.24	-4174.90	3388.48	-1568.72	-431.40
107	15	17.79	15.35	±	3.34	9067.27	1444.05	56797.60	30013.90	761.74	1574.86
107	15	17.79	15.35	15	3.34	-58731.50	382.33	-3921.09	3422.00	-1554.82	-404.94
107	15	17.79	15.35	±	3.34	7664.84	-59.80	49768.00	26435.10	569.87	539.69
107	15	17.79	15.35	16	3.34	-58679.00	402.24	-4174.90	3388.48	-1568.72	-431.40
107	15	17.79	15.35	±	3.34	8616.95	-15.43	55663.30	29393.30	654.96	645.99
107	15	17.79	15.35	17	3.34	-92505.10	529.59	-2059.60	6834.16	-2190.27	-363.19
107	15	17.79	15.35	18	3.34	-92394.10	-31.74	-1745.96	6963.95	-2074.34	-23.62
107	15	17.79	15.35	19	3.34	-93370.40	232.71	4128.63	10143.20	-2144.68	-202.81
107	15	17.79	15.35	20	3.34	-91528.80	265.14	-7934.19	3654.91	-2119.93	-184.00
107	15	17.79	15.35	21	3.34	-65656.20	439.44	-1453.99	5023.02	-1505.39	-294.60
107	15	17.79	15.35	22	3.34	-65545.30	-121.88	-1140.35	5152.81	-1389.46	44.97
107	15	17.79	15.35	23	3.34	-66521.60	142.57	4734.24	8332.06	-1459.79	-134.22
107	15	17.79	15.35	24	3.34	-64679.90	174.99	-7328.58	1843.78	-1435.05	-115.41
107	15	17.79	15.35	25	3.34	-60783.20	457.43	-1512.35	4007.22	-1480.82	-305.85
107	15	17.79	15.35	26	3.34	-60672.30	-103.89	-1198.71	4137.02	-1364.89	33.72
107	15	17.79	15.35	27	3.34	-61648.60	160.56	4675.88	7316.26	-1435.23	-145.47
107	15	17.79	15.35	28	3.34	-59806.90	192.98	-7386.94	827.98	-1410.49	-126.66
107	15	17.79	15.35	29	3.34	-59313.40	463.32	-1533.42	3693.12	-1473.43	-309.46
107	15	17.79	15.35	30	3.34	-59202.40	-98.01	-1219.77	3822.91	-1357.49	30.11
107	15	17.79	15.35	31	3.34	-60178.70	166.44	4654.82	7002.15	-1427.83	-149.08
107	15	17.79	15.35	32	3.34	-58337.10	198.87	-7408.00	513.88	-1403.09	-130.27
107	15	17.79	15.35	1	3.84	-59784.30	-17.01	1167.91	4093.92	-1276.11	125.60
107	15	17.79	15.35	±	3.84	3041.92	2392.98	16782.20	8945.57	347.29	1696.30
107	15	17.79	15.35	2	3.84	-59836.80	-36.93	1421.71	4127.43	-1262.21	152.06
107	15	17.79	15.35	±	3.84	3403.16	2646.76	18759.60	9945.45	390.46	1881.24
107	15	17.79	15.35	3	3.84	-59784.30	-17.01	1167.91	4093.92	-1276.11	125.60
107	15	17.79	15.35	±	3.84	-1679.60	2030.73	-13384.30	-7083.11	-23.75	1119.10
107	15	17.79	15.35	4	3.84	-59836.80	-36.93	1421.71	4127.43	-1262.21	152.06
107	15	17.79	15.35	±	3.84	-1902.11	2218.18	-14978.70	-7876.72	-34.55	1214.98
107	15	17.79	15.35	5	3.84	-59784.30	-17.01	1167.91	4093.92	-1276.11	125.60
107	15	17.79	15.35	±	3.84	8073.53	1267.31	50787.30	26993.80	666.93	1384.31
107	15	17.79	15.35	6	3.84	-59836.80	-36.93	1421.71	4127.43	-1262.21	152.06
107	15	17.79	15.35	±	3.84	9067.27	1444.05	56797.60	30013.90	761.74	1574.86
107	15	17.79	15.35	7	3.84	-59784.30	-17.01	1167.91	4093.92	-1276.11	125.60
107	15	17.79	15.35	±	3.84	7664.84	-59.80	49768.00	26435.10	569.87	539.69
107	15	17.79	15.35	8	3.84	-59836.80	-36.93	1421.71	4127.43	-1262.21	152.06
107	15	17.79	15.35	±	3.84	8616.95	-15.43	55663.30	29393.30	654.96	645.99
107	15	17.79	15.35	9	3.84	-58731.50	382.33	-3921.09	3421.89	-1554.82	-404.94
107	15	17.79	15.35	±	3.84	3041.92	2392.98	16782.20	8945.57	347.29	1696.30
107	15	17.79	15.35	10	3.84	-58679.00	402.24	-4174.90	3388.37	-1568.72	-431.40
107	15	17.79	15.35	±	3.84	3403.16	2646.76	18759.60	9945.45	390.46	1881.24
107	15	17.79	15.35	11	3.84	-58731.50	382.33	-3921.09	3421.89	-1554.82	-404.94
107	15	17.79	15.35	±	3.84	-1679.60	2030.73	-13384.30	-7083.11	-23.75	1119.10
107	15	17.79	15.35	12	3.84	-58679.00	402.24	-4174.90	3388.37	-1568.72	-431.40
107	15	17.79	15.35	±	3.84	-1902.11	2218.18	-14978.70	-7876.72	-34.55	1214.98
107	15	17.79	15.35	13	3.84	-58731.50	382.33	-3921.09	3421.89	-1554.82	-404.94
107	15	17.79	15.35	±	3.84	8073.53	1267.31	50787.30	26993.80	666.93	1384.31
107	15	17.79	15.35	14	3.84	-58679.00	402.24	-4174.90	3388.37	-1568.72	-431.40
107	15	17.79	15.35	±	3.84	9067.27	1444.05	56797.60	30013.90	761.74	1574.86
107	15	17.79	15.35	15	3.84	-58731.50	382.33	-3921.09	3421.89	-1554.82	-404.94
107	15	17.79	15.35	±	3.84	7664.84	-59.80	49768.00	26435.10	569.87	539.69
107	15	17.79	15.35	16	3.84	-58679.00	402.24	-4174.90	3388.37	-1568.72	-431.40
107	15	17.79	15.35	±	3.84	8616.95	-15.43	55663.30	29393.30	654.96	645.99
107	15	17.79	15.35	17	3.84	-92505.10	529.59	-2059.60	6833.98	-2190.27	-363.19
107	15	17.79	15.35	18	3.84	-92394.10	-31.74	-1745.96	6963.77	-2074.34	-23.62
107	15	17.79	15.35	19	3.84	-93370.40	232.71	4128.63	10143.00	-2144.68	-202.81
107	15	17.79	15.35	20	3.84	-91528.80	265.14	-7934.19	3654.74	-2119.93	-184.00
107	15	17.79	15.35	21	3.84	-65656.20	439.44	-1453.99	5022.90	-1505.39	-294.60
107	15	17.79	15.35	22	3.84	-65545.30	-121.88	-1140.35	5152.69	-1389.46	44.97
107	15	17.79	15.35	23	3.84	-66521.60	142.57	4734.24	8331.93	-1459.79	-134.22
107	15	17.79	15.35	24	3.84	-64679.90	174.99	-7328.58	1843.66	-1435.05	-115.41
107	15	17.79	15.35	25	3.84	-60783.20	457.43	-1512.35	4007.11	-1480.82	-305.85
107	15	17.79	15.35	26	3.84	-60672.30	-103.89	-1198.71	4136.90	-1364.89	33.73
107	15	17.79	15.35	27	3.84	-61648.60	160.56	4675.88	7316.14	-1435.23	-145.47

107	15	17.79	15.35	28	3.84	-59806.90	192.98	-7386.94	827.87	-1410.49	-126.66
107	15	17.79	15.35	29	3.84	-59313.40	463.32	-1533.42	3693.01	-1473.43	-309.46
107	15	17.79	15.35	30	3.84	-59202.40	-98.01	-1219.77	3822.80	-1357.49	30.11
107	15	17.79	15.35	31	3.84	-60178.70	166.44	4654.82	7002.04	-1427.83	-149.08
107	15	17.79	15.35	32	3.84	-58337.10	198.87	-7408.00	513.77	-1403.09	-130.27
107	16	17.79	15.35	1	3.84	-56223.20	-17.01	1167.00	3020.67	-1267.60	221.55
107	16	17.79	15.35	±	3.84	1943.32	2392.98	16782.60	14873.30	1536.83	1563.73
107	16	17.79	15.35	2	3.84	-56254.60	-36.93	1420.80	3139.99	-1243.74	247.29
107	16	17.79	15.35	±	3.84	2171.62	2646.76	18759.90	16560.00	1705.96	1735.00
107	16	17.79	15.35	3	3.84	-56223.20	-17.01	1167.00	3020.67	-1267.60	221.55
107	16	17.79	15.35	±	3.84	-776.66	2030.73	-13384.60	-11822.80	996.71	999.70
107	16	17.79	15.35	4	3.84	-56254.60	-36.93	1420.80	3139.99	-1243.74	247.29
107	16	17.79	15.35	±	3.84	-887.49	2218.18	-14979.00	-13169.80	1080.28	1084.13
107	16	17.79	15.35	5	3.84	-56223.20	-17.01	1167.00	3020.67	-1267.60	221.55
107	16	17.79	15.35	±	3.84	4708.29	1267.31	50788.30	44951.10	1280.23	1324.56
107	16	17.79	15.35	6	3.84	-56254.60	-36.93	1420.80	3139.99	-1243.74	247.29
107	16	17.79	15.35	±	3.84	5291.14	1444.05	56798.70	50058.30	1460.74	1507.65
107	16	17.79	15.35	7	3.84	-56223.20	-17.01	1167.00	3020.67	-1267.60	221.55
107	16	17.79	15.35	±	3.84	4358.29	-59.80	49768.90	44036.00	520.17	555.53
107	16	17.79	15.35	8	3.84	-56254.60	-36.93	1420.80	3139.99	-1243.74	247.29
107	16	17.79	15.35	±	3.84	4905.89	-15.43	55664.40	49041.30	624.87	661.91
107	16	17.79	15.35	9	3.84	-55594.10	382.33	-3922.04	628.33	-1745.98	-294.53
107	16	17.79	15.35	±	3.84	1943.32	2392.98	16782.60	14873.30	1536.83	1563.73
107	16	17.79	15.35	10	3.84	-55562.70	402.24	-4175.85	509.01	-1769.84	-320.26
107	16	17.79	15.35	±	3.84	2171.62	2646.76	18759.90	16560.00	1705.96	1735.00
107	16	17.79	15.35	11	3.84	-55594.10	382.33	-3922.04	628.33	-1745.98	-294.53
107	16	17.79	15.35	±	3.84	-776.66	2030.73	-13384.60	-11822.80	996.71	999.70
107	16	17.79	15.35	12	3.84	-55562.70	402.24	-4175.85	509.01	-1769.84	-320.26
107	16	17.79	15.35	±	3.84	-887.49	2218.18	-14979.00	-13169.80	1080.28	1084.13
107	16	17.79	15.35	13	3.84	-55594.10	382.33	-3922.04	628.33	-1745.98	-294.53
107	16	17.79	15.35	±	3.84	4708.29	1267.31	50788.30	44951.10	1280.23	1324.56
107	16	17.79	15.35	14	3.84	-55562.70	402.24	-4175.85	509.01	-1769.84	-320.26
107	16	17.79	15.35	±	3.84	5291.14	1444.05	56798.70	50058.30	1460.74	1507.65
107	16	17.79	15.35	15	3.84	-55594.10	382.33	-3922.04	628.33	-1745.98	-294.53
107	16	17.79	15.35	±	3.84	4358.29	-59.80	49768.90	44036.00	520.17	555.53
107	16	17.79	15.35	16	3.84	-55562.70	402.24	-4175.85	509.01	-1769.84	-320.26
107	16	17.79	15.35	±	3.84	4905.89	-15.43	55664.40	49041.30	624.87	661.91
107	16	17.79	15.35	17	3.84	-87333.70	529.59	-2061.10	3648.20	-2455.06	-198.05
107	16	17.79	15.35	18	3.84	-87222.90	-31.74	-1747.47	3901.68	-2058.47	112.04
107	16	17.79	15.35	19	3.84	-87805.90	232.71	4127.24	9174.75	-2261.03	-52.32
107	16	17.79	15.35	20	3.84	-86750.70	265.14	-7935.81	-1624.87	-2252.50	-33.69
107	16	17.79	15.35	21	3.84	-61984.20	439.44	-1455.05	2761.15	-1725.11	-178.74
107	16	17.79	15.35	22	3.84	-61873.40	-121.88	-1141.42	3014.62	-1328.51	131.36
107	16	17.79	15.35	23	3.84	-62456.40	142.57	4733.30	8287.70	-1531.08	-33.00
107	16	17.79	15.35	24	3.84	-61401.20	174.99	-7329.76	-2511.92	-1522.55	-14.37
107	16	17.79	15.35	25	3.84	-57354.20	457.43	-1513.31	1946.45	-1709.54	-188.42
107	16	17.79	15.35	26	3.84	-57243.40	-103.89	-1199.68	2199.92	-1312.95	121.68
107	16	17.79	15.35	27	3.84	-57826.40	160.56	4675.04	7473.00	-1515.51	-42.69
107	16	17.79	15.35	28	3.84	-56771.20	192.98	-7388.02	-3326.62	-1506.98	-24.06
107	16	17.79	15.35	29	3.84	-55964.10	463.32	-1534.34	1697.76	-1705.09	-191.54
107	16	17.79	15.35	30	3.84	-55853.30	-98.01	-1220.71	1951.24	-1308.49	118.56
107	16	17.79	15.35	31	3.84	-56436.30	166.44	4654.01	7224.31	-1511.06	-45.80
107	16	17.79	15.35	32	3.84	-55381.00	198.87	-7409.05	-3575.31	-1502.52	-27.18
107	16	17.79	15.35	1	4.34	-56223.20	-17.01	1167.00	3020.57	-1267.60	221.55
107	16	17.79	15.35	±	4.34	1943.32	2392.98	16782.60	14873.30	1536.83	1563.73
107	16	17.79	15.35	2	4.34	-56254.60	-36.93	1420.80	3139.88	-1243.74	247.29
107	16	17.79	15.35	±	4.34	2171.62	2646.76	18759.90	16560.00	1705.96	1735.00
107	16	17.79	15.35	3	4.34	-56223.20	-17.01	1167.00	3020.57	-1267.60	221.55
107	16	17.79	15.35	±	4.34	-776.66	2030.73	-13384.60	-11822.80	996.71	999.71
107	16	17.79	15.35	4	4.34	-56254.60	-36.93	1420.80	3139.88	-1243.74	247.29
107	16	17.79	15.35	±	4.34	-887.49	2218.18	-14979.00	-13169.80	1080.28	1084.13
107	16	17.79	15.35	5	4.34	-56223.20	-17.01	1167.00	3020.57	-1267.60	221.55
107	16	17.79	15.35	±	4.34	4708.29	1267.31	50788.30	44951.10	1280.23	1324.56
107	16	17.79	15.35	6	4.34	-56254.60	-36.93	1420.80	3139.88	-1243.74	247.29
107	16	17.79	15.35	±	4.34	5291.14	1444.05	56798.70	50058.30	1460.74	1507.65
107	16	17.79	15.35	7	4.34	-56223.20	-17.01	1167.00	3020.57	-1267.60	221.55
107	16	17.79	15.35	±	4.34	4358.29	-59.80	49768.90	44036.00	520.17	555.53
107	16	17.79	15.35	8	4.34	-56254.60	-36.93	1420.80	3139.88	-1243.74	247.29
107	16	17.79	15.35	±	4.34	4905.89	-15.43	55664.40	49041.30	624.87	661.91
107	16	17.79	15.35	9	4.34	-55594.10	382.33	-3922.04	628.22	-1745.98	-294.53
107	16	17.79	15.35	±	4.34	1943.32	2392.98	16782.60	14873.30	1536.83	1563.73
107	16	17.79	15.35	10	4.34	-55562.70	402.24	-4175.85	508.90	-1769.84	-320.27
107	16	17.79	15.35	±	4.34	2171.62	2646.76	18759.90	16560.00	1705.96	1735.00
107	16	17.79	15.35	11	4.34	-55594.10	382.33	-3922.04	628.22	-1745.98	-294.53
107	16	17.79	15.35	±	4.34	-776.66	2030.73	-13384.60	-11822.80	996.71	999.71
107	16	17.79	15.35	12	4.34	-55562.70	402.24	-4175.85	508.90	-1769.84	-320.27
107	16	17.79	15.35	±	4.34	-887.49	2218.18	-14979.00	-13169.80	1080.28	1084.13
107	16	17.79	15.35	13	4.34	-55594.10	382.33	-3922.04	628.22	-1745.98	-294.53
107	16	17.79	15.35	±	4.34	4708.29	1267.31	50788.30	44951.10	1280.23	1324.56
107	16	17.79	15.35	14	4.34	-55562.70	402.24	-4175.85	508.90	-1769.84	-320.27
107	16	17.79	15.35	±	4.34	5291.14	1444.05	56798.70	50058.30	1460.74	1507.65
107	16	17.79	15.35	15	4.34	-55594.10	382.33	-3922.04	628.22	-1745.98	-294.53

107	16	17.79	15.35	±	4.34	4358.29	-59.80	49768.90	44036.00	520.17	555.53
107	16	17.79	15.35	16	4.34	-55562.70	402.24	-4175.85	508.90	-1769.84	-320.27
107	16	17.79	15.35	±	4.34	4905.89	-15.43	55664.40	49041.30	624.87	661.91
107	16	17.79	15.35	17	4.34	-87333.70	529.59	-2061.10	3648.03	-2455.06	-198.05
107	16	17.79	15.35	18	4.34	-87222.90	-31.74	-1747.47	3901.51	-2058.47	112.04
107	16	17.79	15.35	19	4.34	-87805.90	232.71	4127.24	9174.58	-2261.03	-52.32
107	16	17.79	15.35	20	4.34	-86750.70	265.14	-7935.81	-1625.04	-2252.50	-33.69
107	16	17.79	15.35	21	4.34	-61984.20	439.44	-1455.05	2761.03	-1725.11	-178.74
107	16	17.79	15.35	22	4.34	-61873.40	-121.88	-1141.42	3014.51	-1328.51	131.36
107	16	17.79	15.35	23	4.34	-62456.40	142.57	4733.30	8287.58	-1531.08	-33.00
107	16	17.79	15.35	24	4.34	-61401.20	174.99	-7329.76	-2512.04	-1522.54	-14.37
107	16	17.79	15.35	25	4.34	-57354.20	457.43	-1513.31	1946.34	-1709.54	-188.42
107	16	17.79	15.35	26	4.34	-57243.40	-103.89	-1199.68	2199.81	-1312.95	121.68
107	16	17.79	15.35	27	4.34	-57826.40	160.56	4675.04	7472.89	-1515.51	-42.69
107	16	17.79	15.35	28	4.34	-56771.20	192.98	-7388.02	-3326.73	-1506.98	-24.06
107	16	17.79	15.35	29	4.34	-55964.10	463.32	-1534.34	1697.66	-1705.09	-191.54
107	16	17.79	15.35	30	4.34	-55853.30	-98.01	-1220.71	1951.13	-1308.49	118.56
107	16	17.79	15.35	31	4.34	-56436.30	166.44	4654.01	7224.20	-1511.06	-45.80
107	16	17.79	15.35	32	4.34	-55381.00	198.87	-7409.05	-3575.42	-1502.52	-27.18
111	1	10.75	16.20	1	-3.25	-47825.60	3857.22	1475.21	-1083.94	-1939.72	-797.85
111	1	10.75	16.20	±	-3.25	41055.40	14124.90	317.08	1164.31	35182.40	356.64
111	1	10.75	16.20	2	-3.25	-47564.40	3926.70	1474.11	-1084.85	-2153.75	-794.41
111	1	10.75	16.20	±	-3.25	45297.50	15589.00	351.18	1285.99	38793.50	394.01
111	1	10.75	16.20	3	-3.25	-47825.60	3857.22	1475.21	-1083.94	-1939.72	-797.85
111	1	10.75	16.20	±	-3.25	35424.80	12886.70	-84.21	354.43	29607.50	39.20
111	1	10.75	16.20	4	-3.25	-47564.40	3926.70	1474.11	-1084.85	-2153.75	-794.41
111	1	10.75	16.20	±	-3.25	38811.10	14117.00	-94.96	384.34	32458.60	41.34
111	1	10.75	16.20	5	-3.25	-47825.60	3857.22	1475.21	-1083.94	-1939.72	-797.85
111	1	10.75	16.20	±	-3.25	20856.40	6115.51	703.76	1577.62	19010.00	588.43
111	1	10.75	16.20	6	-3.25	-47564.40	3926.70	1474.11	-1084.85	-2153.75	-794.41
111	1	10.75	16.20	±	-3.25	23426.90	6909.28	782.00	1753.29	21245.80	653.10
111	1	10.75	16.20	7	-3.25	-47825.60	3857.22	1475.21	-1083.94	-1939.72	-797.85
111	1	10.75	16.20	±	-3.25	-2087.67	-1987.98	633.90	1122.00	-426.94	469.68
111	1	10.75	16.20	8	-3.25	-47564.40	3926.70	1474.11	-1084.85	-2153.75	-794.41
111	1	10.75	16.20	±	-3.25	-1805.65	-2002.50	705.14	1252.19	-129.79	522.49
111	1	10.75	16.20	9	-3.25	-53062.90	2464.18	1497.16	-1065.65	2351.74	-866.88
111	1	10.75	16.20	±	-3.25	41055.40	14124.90	317.08	1164.31	35182.40	356.64
111	1	10.75	16.20	10	-3.25	-53324.10	2394.71	1498.26	-1064.74	2565.77	-870.32
111	1	10.75	16.20	±	-3.25	45297.50	15589.00	351.18	1285.99	38793.50	394.01
111	1	10.75	16.20	11	-3.25	-53062.90	2464.18	1497.16	-1065.65	2351.74	-866.88
111	1	10.75	16.20	±	-3.25	35424.80	12886.70	-84.21	354.43	29607.50	39.20
111	1	10.75	16.20	12	-3.25	-53324.10	2394.71	1498.26	-1064.74	2565.77	-870.32
111	1	10.75	16.20	±	-3.25	38811.10	14117.00	-94.96	384.34	32458.60	41.34
111	1	10.75	16.20	13	-3.25	-53062.90	2464.18	1497.16	-1065.65	2351.74	-866.88
111	1	10.75	16.20	±	-3.25	20856.40	6115.51	703.76	1577.62	19010.00	588.43
111	1	10.75	16.20	14	-3.25	-53324.10	2394.71	1498.26	-1064.74	2565.77	-870.32
111	1	10.75	16.20	±	-3.25	23426.90	6909.28	782.00	1753.29	21245.80	653.10
111	1	10.75	16.20	15	-3.25	-53062.90	2464.18	1497.16	-1065.65	2351.74	-866.88
111	1	10.75	16.20	±	-3.25	-2087.67	-1987.98	633.90	1122.00	-426.94	469.68
111	1	10.75	16.20	16	-3.25	-53324.10	2394.71	1498.26	-1064.74	2565.77	-870.32
111	1	10.75	16.20	±	-3.25	-1805.65	-2002.50	705.14	1252.19	-129.79	522.49
111	1	10.75	16.20	17	-3.25	-80858.30	3620.27	2278.09	-1579.97	4067.36	-1310.82
111	1	10.75	16.20	18	-3.25	-71425.70	6724.75	2314.93	-1777.87	-3885.44	-1263.81
111	1	10.75	16.20	19	-3.25	-76326.20	5379.64	2365.88	-1823.72	488.79	-1336.01
111	1	10.75	16.20	20	-3.25	-75957.80	4965.39	2227.14	-1534.12	-306.88	-1238.62
111	1	10.75	16.20	21	-3.25	-58988.10	2145.25	1576.72	-1065.17	4075.05	-923.77
111	1	10.75	16.20	22	-3.25	-49555.50	5249.73	1613.56	-1263.07	-3877.75	-876.75
111	1	10.75	16.20	23	-3.25	-54456.00	3904.61	1664.51	-1308.92	496.49	-948.95
111	1	10.75	16.20	24	-3.25	-54087.60	3490.36	1525.77	-1019.32	-299.18	-851.56
111	1	10.75	16.20	25	-3.25	-56088.00	1739.88	1494.94	-998.27	4155.03	-872.67
111	1	10.75	16.20	26	-3.25	-46655.40	4844.36	1531.79	-1196.18	-3797.77	-825.65
111	1	10.75	16.20	27	-3.25	-51555.90	3499.25	1582.73	-1242.02	576.47	-897.85
111	1	10.75	16.20	28	-3.25	-51187.50	3085.00	1443.99	-952.43	-219.20	-800.46
111	1	10.75	16.20	29	-3.25	-55160.50	1608.46	1467.76	-975.84	4182.41	-855.88
111	1	10.75	16.20	30	-3.25	-45727.90	4712.94	1504.61	-1173.74	-3770.40	-808.86
111	1	10.75	16.20	31	-3.25	-50628.50	3367.83	1555.55	-1219.59	603.84	-881.06
111	1	10.75	16.20	32	-3.25	-50260.00	2953.58	1416.81	-929.99	-191.83	-783.67
111	1	10.75	16.20	1	-2.81	-47825.60	3857.22	1475.21	-1083.94	-1939.72	-797.85
111	1	10.75	16.20	±	-2.81	41055.40	14124.90	317.08	1164.31	35182.40	356.64
111	1	10.75	16.20	2	-2.81	-47564.40	3926.70	1474.11	-1084.85	-2153.75	-794.41
111	1	10.75	16.20	±	-2.81	45297.50	15589.00	351.18	1285.99	38793.50	394.01
111	1	10.75	16.20	3	-2.81	-47825.60	3857.22	1475.21	-1083.94	-1939.72	-797.85
111	1	10.75	16.20	±	-2.81	35424.80	12886.70	-84.21	354.43	29607.50	39.20
111	1	10.75	16.20	4	-2.81	-47564.40	3926.70	1474.11	-1084.85	-2153.75	-794.41
111	1	10.75	16.20	±	-2.81	38811.10	14117.00	-94.96	384.34	32458.60	41.34
111	1	10.75	16.20	5	-2.81	-47825.60	3857.22	1475.21	-1083.94	-1939.72	-797.85
111	1	10.75	16.20	±	-2.81	20856.40	6115.51	703.76	1577.62	19010.00	588.43
111	1	10.75	16.20	6	-2.81	-47564.40	3926.70	1474.11	-1084.85	-2153.75	-794.41
111	1	10.75	16.20	±	-2.81	23426.90	6909.28	782.00	1753.29	21245.80	653.10
111	1	10.75	16.20	7	-2.81	-47825.60	3857.22	1475.21	-1083.94	-1939.72	-797.85
111	1	10.75	16.20	±	-2.81	-2087.67	-1987.98	633.90	1122.00	-426.94	469.68
111	1	10.75	16.20	8	-2.81	-47564.40	3926.70	1474.11	-1084.85	-2153.75	-794.41

111	1	10.75	16.20	±	-2.81	-1805.65	-2002.50	705.14	1252.19	-129.79	522.49
111	1	10.75	16.20	9	-2.81	-53062.90	2464.18	1497.16	-1065.65	2351.74	-866.88
111	1	10.75	16.20	±	-2.81	41055.40	14124.90	317.08	1164.31	35182.40	356.64
111	1	10.75	16.20	10	-2.81	-53324.10	2394.71	1498.26	-1064.74	2565.77	-870.32
111	1	10.75	16.20	±	-2.81	45297.50	15589.00	351.18	1285.99	38793.50	394.01
111	1	10.75	16.20	11	-2.81	-53062.90	2464.18	1497.16	-1065.65	2351.74	-866.88
111	1	10.75	16.20	±	-2.81	35424.80	12886.70	-84.21	354.43	29607.50	39.20
111	1	10.75	16.20	12	-2.81	-53324.10	2394.71	1498.26	-1064.74	2565.77	-870.32
111	1	10.75	16.20	±	-2.81	38811.10	14117.00	-94.96	384.34	32458.60	41.34
111	1	10.75	16.20	13	-2.81	-53062.90	2464.18	1497.16	-1065.65	2351.74	-866.88
111	1	10.75	16.20	±	-2.81	20856.40	6115.51	703.76	1577.62	19010.00	588.43
111	1	10.75	16.20	14	-2.81	-53324.10	2394.71	1498.26	-1064.74	2565.77	-870.32
111	1	10.75	16.20	±	-2.81	23426.90	6909.28	782.00	1753.29	21245.80	653.10
111	1	10.75	16.20	15	-2.81	-53062.90	2464.18	1497.16	-1065.65	2351.74	-866.88
111	1	10.75	16.20	±	-2.81	-2087.67	-1987.98	633.90	1122.00	-426.94	469.68
111	1	10.75	16.20	16	-2.81	-53324.10	2394.71	1498.26	-1064.74	2565.77	-870.32
111	1	10.75	16.20	±	-2.81	-1805.65	-2002.50	705.14	1252.19	-129.79	522.49
111	1	10.75	16.20	17	-2.81	-80858.30	3620.27	2278.09	-1579.97	4067.36	-1310.82
111	1	10.75	16.20	18	-2.81	-71425.70	6724.75	2314.93	-1777.87	-3885.44	-1263.81
111	1	10.75	16.20	19	-2.81	-76326.20	5379.64	2365.88	-1823.72	488.79	-1336.01
111	1	10.75	16.20	20	-2.81	-75957.80	4965.39	2227.14	-1534.12	-306.88	-1238.62
111	1	10.75	16.20	21	-2.81	-58988.10	2145.25	1576.72	-1065.17	4075.05	-923.77
111	1	10.75	16.20	22	-2.81	-49555.50	5249.73	1613.56	-1263.07	-3877.75	-876.75
111	1	10.75	16.20	23	-2.81	-54456.00	3904.61	1664.51	-1308.92	496.49	-948.95
111	1	10.75	16.20	24	-2.81	-54087.60	3490.36	1525.77	-1019.32	-299.18	-851.56
111	1	10.75	16.20	25	-2.81	-56088.00	1739.88	1494.94	-998.27	4155.03	-872.67
111	1	10.75	16.20	26	-2.81	-46655.40	4844.36	1531.79	-1196.18	-3797.77	-825.65
111	1	10.75	16.20	27	-2.81	-51555.90	3499.25	1582.73	-1242.02	576.47	-897.85
111	1	10.75	16.20	28	-2.81	-51187.50	3085.00	1443.99	-952.43	-219.20	-800.46
111	1	10.75	16.20	29	-2.81	-55160.50	1608.46	1467.76	-975.84	4182.41	-855.88
111	1	10.75	16.20	30	-2.81	-45727.90	4712.94	1504.61	-1173.74	-3770.40	-808.86
111	1	10.75	16.20	31	-2.81	-50628.50	3367.83	1555.55	-1219.59	603.84	-881.06
111	1	10.75	16.20	32	-2.81	-50260.00	2953.58	1416.81	-929.99	-191.83	-783.67
111	2	10.75	16.20	1	-2.81	-49195.00	4399.52	1465.56	-441.12	-2669.07	-941.81
111	2	10.75	16.20	±	-2.81	37460.70	16946.50	244.94	1086.59	39670.10	569.12
111	2	10.75	16.20	2	-2.81	-48955.50	4485.88	1464.53	-442.75	-2909.04	-936.82
111	2	10.75	16.20	±	-2.81	41330.00	18705.90	271.37	1199.64	43740.20	628.46
111	2	10.75	16.20	3	-2.81	-49195.00	4399.52	1465.56	-441.12	-2669.07	-941.81
111	2	10.75	16.20	±	-2.81	32232.30	15563.00	-82.26	438.72	33385.20	114.29
111	2	10.75	16.20	4	-2.81	-48955.50	4485.88	1464.53	-442.75	-2909.04	-936.82
111	2	10.75	16.20	±	-2.81	35314.40	17046.30	-92.35	477.88	36601.70	123.13
111	2	10.75	16.20	5	-2.81	-49195.00	4399.52	1465.56	-441.12	-2669.07	-941.81
111	2	10.75	16.20	±	-2.81	19168.10	7182.31	569.73	1308.59	21433.10	860.56
111	2	10.75	16.20	6	-2.81	-48955.50	4485.88	1464.53	-442.75	-2909.04	-936.82
111	2	10.75	16.20	±	-2.81	21522.70	8128.85	633.05	1454.55	23948.80	954.96
111	2	10.75	16.20	7	-2.81	-49195.00	4399.52	1465.56	-441.12	-2669.07	-941.81
111	2	10.75	16.20	±	-2.81	-1739.81	-2570.56	520.93	850.99	-483.45	655.53
111	2	10.75	16.20	8	-2.81	-48955.50	4485.88	1464.53	-442.75	-2909.04	-936.82
111	2	10.75	16.20	±	-2.81	-1470.64	-2596.82	579.35	951.29	-153.74	729.48
111	2	10.75	16.20	9	-2.81	-53998.30	2667.82	1486.30	-408.48	2142.61	-1041.89
111	2	10.75	16.20	±	-2.81	37460.70	16946.50	244.94	1086.59	39670.10	569.12
111	2	10.75	16.20	10	-2.81	-54237.80	2581.46	1487.34	-406.85	2382.58	-1046.88
111	2	10.75	16.20	±	-2.81	41330.00	18705.90	271.37	1199.64	43740.20	628.46
111	2	10.75	16.20	11	-2.81	-53998.30	2667.82	1486.30	-408.48	2142.61	-1041.89
111	2	10.75	16.20	±	-2.81	32232.30	15563.00	-82.26	438.72	33385.20	114.29
111	2	10.75	16.20	12	-2.81	-54237.80	2581.46	1487.34	-406.85	2382.58	-1046.88
111	2	10.75	16.20	±	-2.81	35314.40	17046.30	-92.35	477.88	36601.70	123.13
111	2	10.75	16.20	13	-2.81	-53998.30	2667.82	1486.30	-408.48	2142.61	-1041.89
111	2	10.75	16.20	±	-2.81	19168.10	7182.31	569.73	1308.59	21433.10	860.56
111	2	10.75	16.20	14	-2.81	-54237.80	2581.46	1487.34	-406.85	2382.58	-1046.88
111	2	10.75	16.20	±	-2.81	21522.70	8128.85	633.05	1454.55	23948.80	954.96
111	2	10.75	16.20	15	-2.81	-53998.30	2667.82	1486.30	-408.48	2142.61	-1041.89
111	2	10.75	16.20	±	-2.81	-1739.81	-2570.56	520.93	850.99	-483.45	655.53
111	2	10.75	16.20	16	-2.81	-54237.80	2581.46	1487.34	-406.85	2382.58	-1046.88
111	2	10.75	16.20	±	-2.81	-1470.64	-2596.82	579.35	951.29	-153.74	729.48
111	2	10.75	16.20	17	-2.81	-82385.80	3905.29	2266.15	-576.67	3799.62	-1575.06
111	2	10.75	16.20	18	-2.81	-73789.40	7666.81	2292.79	-772.21	-5147.34	-1494.30
111	2	10.75	16.20	19	-2.81	-78273.90	5959.40	2335.76	-791.58	-217.23	-1604.58
111	2	10.75	16.20	20	-2.81	-77901.30	5612.70	2223.19	-557.30	-1130.49	-1464.78
111	2	10.75	16.20	21	-2.81	-59898.50	2249.31	1571.02	-368.15	4030.96	-1113.18
111	2	10.75	16.20	22	-2.81	-51302.10	6010.83	1597.66	-563.69	-4916.01	-1032.42
111	2	10.75	16.20	23	-2.81	-55786.50	4303.42	1640.62	-583.06	14.11	-1142.70
111	2	10.75	16.20	24	-2.81	-55414.00	3956.72	1528.05	-348.78	-899.16	-1002.90
111	2	10.75	16.20	25	-2.81	-56865.30	1798.83	1489.62	-337.44	4165.34	-1052.27
111	2	10.75	16.20	26	-2.81	-48268.90	5560.36	1516.26	-532.99	-4781.62	-971.52
111	2	10.75	16.20	27	-2.81	-52753.40	3852.95	1559.23	-552.35	148.49	-1081.79
111	2	10.75	16.20	28	-2.81	-52380.80	3506.24	1446.66	-318.08	-764.77	-941.99
111	2	10.75	16.20	29	-2.81	-55894.80	1652.91	1462.61	-327.03	4210.25	-1032.23
111	2	10.75	16.20	30	-2.81	-47298.40	5414.43	1489.25	-522.57	-4736.71	-951.48
111	2	10.75	16.20	31	-2.81	-51782.90	3707.02	1532.22	-541.94	193.40	-1061.75
111	2	10.75	16.20	32	-2.81	-51410.40	3360.32	1419.65	-307.66	-719.86	-921.95
111	2	10.75	16.20	1	-2.37	-49195.00	4399.52	1465.56	-441.12	-2669.07	-941.81

111	2	10.75	16.20	±	-2.37	37460.70	16946.50	244.94	1086.59	39670.10	569.12
111	2	10.75	16.20	2	-2.37	-48955.50	4485.88	1464.53	-442.75	-2909.04	-936.82
111	2	10.75	16.20	±	-2.37	41330.00	18705.90	271.37	1199.64	43740.20	628.46
111	2	10.75	16.20	3	-2.37	-49195.00	4399.52	1465.56	-441.12	-2669.07	-941.81
111	2	10.75	16.20	±	-2.37	32232.30	15563.00	-82.26	438.72	33385.20	114.29
111	2	10.75	16.20	4	-2.37	-48955.50	4485.88	1464.53	-442.75	-2909.04	-936.82
111	2	10.75	16.20	±	-2.37	35314.40	17046.30	-92.35	477.88	36601.70	123.13
111	2	10.75	16.20	5	-2.37	-49195.00	4399.52	1465.56	-441.12	-2669.07	-941.81
111	2	10.75	16.20	±	-2.37	19168.10	7182.31	569.73	1308.59	21433.10	860.56
111	2	10.75	16.20	6	-2.37	-48955.50	4485.88	1464.53	-442.75	-2909.04	-936.82
111	2	10.75	16.20	±	-2.37	21522.70	8128.85	633.05	1454.55	23948.80	954.96
111	2	10.75	16.20	7	-2.37	-49195.00	4399.52	1465.56	-441.12	-2669.07	-941.81
111	2	10.75	16.20	±	-2.37	-1739.81	-2570.56	520.93	850.99	-483.45	655.53
111	2	10.75	16.20	8	-2.37	-48955.50	4485.88	1464.53	-442.75	-2909.04	-936.82
111	2	10.75	16.20	±	-2.37	-1470.64	-2596.82	579.35	951.29	-153.74	729.48
111	2	10.75	16.20	9	-2.37	-53998.30	2667.82	1486.30	-408.48	2142.61	-1041.89
111	2	10.75	16.20	±	-2.37	37460.70	16946.50	244.94	1086.59	39670.10	569.12
111	2	10.75	16.20	10	-2.37	-54237.80	2581.46	1487.34	-406.85	2382.58	-1046.88
111	2	10.75	16.20	±	-2.37	41330.00	18705.90	271.37	1199.64	43740.20	628.46
111	2	10.75	16.20	11	-2.37	-53998.30	2667.82	1486.30	-408.48	2142.61	-1041.89
111	2	10.75	16.20	±	-2.37	32232.30	15563.00	-82.26	438.72	33385.20	114.29
111	2	10.75	16.20	12	-2.37	-54237.80	2581.46	1487.34	-406.85	2382.58	-1046.88
111	2	10.75	16.20	±	-2.37	35314.40	17046.30	-92.35	477.88	36601.70	123.13
111	2	10.75	16.20	13	-2.37	-53998.30	2667.82	1486.30	-408.48	2142.61	-1041.89
111	2	10.75	16.20	±	-2.37	19168.10	7182.31	569.73	1308.59	21433.10	860.56
111	2	10.75	16.20	14	-2.37	-54237.80	2581.46	1487.34	-406.85	2382.58	-1046.88
111	2	10.75	16.20	±	-2.37	21522.70	8128.85	633.05	1454.55	23948.80	954.96
111	2	10.75	16.20	15	-2.37	-53998.30	2667.82	1486.30	-408.48	2142.61	-1041.89
111	2	10.75	16.20	±	-2.37	-1739.81	-2570.56	520.93	850.99	-483.45	655.53
111	2	10.75	16.20	16	-2.37	-54237.80	2581.46	1487.34	-406.85	2382.58	-1046.88
111	2	10.75	16.20	±	-2.37	-1470.64	-2596.82	579.35	951.29	-153.74	729.48
111	2	10.75	16.20	17	-2.37	-82385.80	3905.29	2266.15	-576.67	3799.62	-1575.06
111	2	10.75	16.20	18	-2.37	-73789.40	7666.81	2292.79	-772.21	-5147.34	-1494.30
111	2	10.75	16.20	19	-2.37	-78273.90	5959.40	2335.76	-791.58	-217.23	-1604.58
111	2	10.75	16.20	20	-2.37	-77901.30	5612.70	2223.19	-557.30	-1130.49	-1464.78
111	2	10.75	16.20	21	-2.37	-59898.50	2249.31	1571.02	-368.15	4030.96	-1113.18
111	2	10.75	16.20	22	-2.37	-51302.10	6010.83	1597.66	-563.69	-4916.01	-1032.42
111	2	10.75	16.20	23	-2.37	-55786.50	4303.42	1640.62	-583.06	14.11	-1142.70
111	2	10.75	16.20	24	-2.37	-55414.00	3956.72	1528.05	-348.78	-899.16	-1002.90
111	2	10.75	16.20	25	-2.37	-56865.30	1798.83	1489.62	-337.44	4165.34	-1052.27
111	2	10.75	16.20	26	-2.37	-48268.90	5560.36	1516.26	-532.99	-4781.62	-971.52
111	2	10.75	16.20	27	-2.37	-52753.40	3852.95	1559.23	-552.35	148.49	-1081.79
111	2	10.75	16.20	28	-2.37	-52380.80	3506.24	1446.66	-318.08	-764.77	-941.99
111	2	10.75	16.20	29	-2.37	-55894.80	1652.91	1462.61	-327.03	4210.25	-1032.23
111	2	10.75	16.20	30	-2.37	-47298.40	5414.43	1489.25	-522.57	-4736.71	-951.48
111	2	10.75	16.20	31	-2.37	-51782.90	3707.02	1532.22	-541.94	193.40	-1061.75
111	2	10.75	16.20	32	-2.37	-51410.40	3360.32	1419.65	-307.66	-719.86	-921.95
111	3	10.75	16.20	1	-2.37	-50687.70	5305.77	1515.44	197.26	-4087.17	-1056.37
111	3	10.75	16.20	±	-2.37	32763.60	22461.40	316.24	1040.03	46824.30	988.28
111	3	10.75	16.20	2	-2.37	-50476.80	5425.04	1515.71	195.24	-4368.39	-1048.52
111	3	10.75	16.20	±	-2.37	36145.20	24790.40	349.08	1148.00	51625.80	1090.73
111	3	10.75	16.20	3	-2.37	-50687.70	5305.77	1515.44	197.26	-4087.17	-1056.37
111	3	10.75	16.20	±	-2.37	28056.40	20531.90	127.14	478.39	39384.10	308.01
111	3	10.75	16.20	4	-2.37	-50476.80	5425.04	1515.71	195.24	-4368.39	-1048.52
111	3	10.75	16.20	±	-2.37	30741.10	22491.20	138.55	521.94	43181.20	334.88
111	3	10.75	16.20	5	-2.37	-50687.70	5305.77	1515.44	197.26	-4087.17	-1056.37
111	3	10.75	16.20	±	-2.37	16968.30	9664.94	381.67	1163.83	25331.60	1328.21
111	3	10.75	16.20	6	-2.37	-50476.80	5425.04	1515.71	195.24	-4368.39	-1048.52
111	3	10.75	16.20	±	-2.37	19039.80	10924.30	424.02	1293.92	28295.50	1473.58
111	3	10.75	16.20	7	-2.37	-50687.70	5305.77	1515.44	197.26	-4087.17	-1056.37
111	3	10.75	16.20	±	-2.37	-1277.74	-3233.05	248.66	708.30	-530.95	939.32
111	3	10.75	16.20	8	-2.37	-50476.80	5425.04	1515.71	195.24	-4368.39	-1048.52
111	3	10.75	16.20	±	-2.37	-1026.15	-3260.21	277.73	792.93	-146.58	1045.90
111	3	10.75	16.20	9	-2.37	-54916.60	2914.27	1510.10	237.87	1551.38	-1213.66
111	3	10.75	16.20	±	-2.37	32763.60	22461.40	316.24	1040.03	46824.30	988.28
111	3	10.75	16.20	10	-2.37	-55127.50	2794.99	1509.84	239.90	1832.60	-1221.51
111	3	10.75	16.20	±	-2.37	36145.20	24790.40	349.08	1148.00	51625.80	1090.73
111	3	10.75	16.20	11	-2.37	-54916.60	2914.27	1510.10	237.87	1551.38	-1213.66
111	3	10.75	16.20	±	-2.37	28056.40	20531.90	127.14	478.39	39384.10	308.01
111	3	10.75	16.20	12	-2.37	-55127.50	2794.99	1509.84	239.90	1832.60	-1221.51
111	3	10.75	16.20	±	-2.37	30741.10	22491.20	138.55	521.94	43181.20	334.88
111	3	10.75	16.20	13	-2.37	-54916.60	2914.27	1510.10	237.87	1551.38	-1213.66
111	3	10.75	16.20	±	-2.37	16968.30	9664.94	381.67	1163.83	25331.60	1328.21
111	3	10.75	16.20	14	-2.37	-55127.50	2794.99	1509.84	239.90	1832.60	-1221.51
111	3	10.75	16.20	±	-2.37	19039.80	10924.30	424.02	1293.92	28295.50	1473.58
111	3	10.75	16.20	15	-2.37	-54916.60	2914.27	1510.10	237.87	1551.38	-1213.66
111	3	10.75	16.20	±	-2.37	-1277.74	-3233.05	248.66	708.30	-530.95	939.32
111	3	10.75	16.20	16	-2.37	-55127.50	2794.99	1509.84	239.90	1832.60	-1221.51
111	3	10.75	16.20	±	-2.37	-1026.15	-3260.21	277.73	792.93	-146.58	1045.90
111	3	10.75	16.20	17	-2.37	-83881.10	4224.40	2303.75	413.18	2981.94	-1834.08
111	3	10.75	16.20	18	-2.37	-76382.70	9249.29	2363.26	220.61	-7545.17	-1680.31
111	3	10.75	16.20	19	-2.37	-80323.90	6858.97	2367.51	214.51	-1725.25	-1861.24

111	3	10.75	16.20	20	-2.37	-79940.00	6614.72	2299.50	419.28	-2837.98 -1653.15
111	3	10.75	16.20	21	-2.37	-60748.20	2283.88	1592.91	319.83	3683.23 -1305.31
111	3	10.75	16.20	22	-2.37	-53249.70	7308.78	1652.42	127.26	-6843.87 -1151.54
111	3	10.75	16.20	23	-2.37	-57190.90	4918.45	1656.67	121.16	-1023.96 -1332.47
111	3	10.75	16.20	24	-2.37	-56807.00	4674.21	1588.66	325.94	-2136.68 -1124.38
111	3	10.75	16.20	25	-2.37	-57568.90	1765.48	1510.36	315.16	3918.35 -1235.04
111	3	10.75	16.20	26	-2.37	-50070.50	6790.38	1569.86	122.60	-6608.76 -1081.27
111	3	10.75	16.20	27	-2.37	-54011.70	4400.05	1574.12	116.49	-788.84 -1262.20
111	3	10.75	16.20	28	-2.37	-53627.80	4155.81	1506.11	321.27	-1901.57 -1054.11
111	3	10.75	16.20	29	-2.37	-56551.40	1597.57	1483.02	313.85	3995.66 -1211.90
111	3	10.75	16.20	30	-2.37	-49052.90	6622.47	1542.52	121.28	-6531.45 -1058.13
111	3	10.75	16.20	31	-2.37	-52994.10	4232.14	1546.78	115.18	-711.53 -1239.06
111	3	10.75	16.20	32	-2.37	-52610.20	3987.89	1478.77	319.96	-1824.26 -1030.97
111	3	10.75	16.20	1	-1.93	-50687.70	5305.77	1515.44	197.26	-4087.17 -1056.37
111	3	10.75	16.20	±	-1.93	32763.60	22461.40	316.24	1040.03	46824.30 988.28
111	3	10.75	16.20	2	-1.93	-50476.80	5425.04	1515.71	195.24	-4368.39 -1048.52
111	3	10.75	16.20	±	-1.93	36145.20	24790.40	349.08	1148.00	51625.80 1090.73
111	3	10.75	16.20	3	-1.93	-50687.70	5305.77	1515.44	197.26	-4087.17 -1056.37
111	3	10.75	16.20	±	-1.93	28056.40	20531.90	127.14	478.39	39384.10 308.02
111	3	10.75	16.20	4	-1.93	-50476.80	5425.04	1515.71	195.24	-4368.39 -1048.52
111	3	10.75	16.20	±	-1.93	30741.10	22491.20	138.55	521.94	43181.20 334.88
111	3	10.75	16.20	5	-1.93	-50687.70	5305.77	1515.44	197.26	-4087.17 -1056.37
111	3	10.75	16.20	±	-1.93	16968.30	9664.94	381.67	1163.83	25331.60 1328.21
111	3	10.75	16.20	6	-1.93	-50476.80	5425.04	1515.71	195.24	-4368.39 -1048.52
111	3	10.75	16.20	±	-1.93	19039.80	10924.30	424.02	1293.92	28295.50 1473.58
111	3	10.75	16.20	7	-1.93	-50687.70	5305.77	1515.44	197.26	-4087.17 -1056.37
111	3	10.75	16.20	±	-1.93	-1277.74	-3233.05	248.66	708.30	-530.95 939.32
111	3	10.75	16.20	8	-1.93	-50476.80	5425.04	1515.71	195.24	-4368.39 -1048.52
111	3	10.75	16.20	±	-1.93	-1026.15	-3260.21	277.73	792.93	-146.58 1045.90
111	3	10.75	16.20	9	-1.93	-54916.60	2914.27	1510.10	237.87	1551.38 -1213.66
111	3	10.75	16.20	±	-1.93	32763.60	22461.40	316.24	1040.03	46824.30 988.28
111	3	10.75	16.20	10	-1.93	-55127.50	2794.99	1509.84	239.90	1832.60 -1221.51
111	3	10.75	16.20	±	-1.93	36145.20	24790.40	349.08	1148.00	51625.80 1090.73
111	3	10.75	16.20	11	-1.93	-54916.60	2914.27	1510.10	237.87	1551.38 -1213.66
111	3	10.75	16.20	±	-1.93	28056.40	20531.90	127.14	478.39	39384.10 308.02
111	3	10.75	16.20	12	-1.93	-55127.50	2794.99	1509.84	239.90	1832.60 -1221.51
111	3	10.75	16.20	±	-1.93	30741.10	22491.20	138.55	521.94	43181.20 334.88
111	3	10.75	16.20	13	-1.93	-54916.60	2914.27	1510.10	237.87	1551.38 -1213.66
111	3	10.75	16.20	±	-1.93	16968.30	9664.94	381.67	1163.83	25331.60 1328.21
111	3	10.75	16.20	14	-1.93	-55127.50	2794.99	1509.84	239.90	1832.60 -1221.51
111	3	10.75	16.20	±	-1.93	19039.80	10924.30	424.02	1293.92	28295.50 1473.58
111	3	10.75	16.20	15	-1.93	-54916.60	2914.27	1510.10	237.87	1551.38 -1213.66
111	3	10.75	16.20	±	-1.93	-1277.74	-3233.05	248.66	708.30	-530.95 939.32
111	3	10.75	16.20	16	-1.93	-55127.50	2794.99	1509.84	239.90	1832.60 -1221.51
111	3	10.75	16.20	±	-1.93	-1026.15	-3260.21	277.73	792.93	-146.58 1045.90
111	3	10.75	16.20	17	-1.93	-83881.10	4224.40	2303.75	413.18	2981.94 -1834.08
111	3	10.75	16.20	18	-1.93	-76382.70	9249.29	2363.26	220.61	-7545.17 -1680.31
111	3	10.75	16.20	19	-1.93	-80323.90	6858.97	2367.51	214.51	-1725.25 -1861.24
111	3	10.75	16.20	20	-1.93	-79940.00	6614.72	2299.50	419.28	-2837.98 -1653.15
111	3	10.75	16.20	21	-1.93	-60748.20	2283.88	1592.91	319.83	3683.23 -1305.31
111	3	10.75	16.20	22	-1.93	-53249.70	7308.78	1652.42	127.26	-6843.87 -1151.54
111	3	10.75	16.20	23	-1.93	-57190.90	4918.45	1656.67	121.16	-1023.96 -1332.47
111	3	10.75	16.20	24	-1.93	-56807.00	4674.21	1588.66	325.94	-2136.68 -1124.38
111	3	10.75	16.20	25	-1.93	-57568.90	1765.48	1510.36	315.16	3918.35 -1235.04
111	3	10.75	16.20	26	-1.93	-50070.50	6790.38	1569.86	122.60	-6608.76 -1081.27
111	3	10.75	16.20	27	-1.93	-54011.70	4400.05	1574.12	116.49	-788.84 -1262.20
111	3	10.75	16.20	28	-1.93	-53627.80	4155.81	1506.11	321.27	-1901.57 -1054.11
111	3	10.75	16.20	29	-1.93	-56551.40	1597.57	1483.02	313.85	3995.66 -1211.90
111	3	10.75	16.20	30	-1.93	-49052.90	6622.47	1542.52	121.28	-6531.45 -1058.13
111	3	10.75	16.20	31	-1.93	-52994.10	4232.14	1546.78	115.18	-711.53 -1239.06
111	3	10.75	16.20	32	-1.93	-52610.20	3987.89	1478.77	319.96	-1824.26 -1030.97
111	4	10.75	16.20	1	-1.93	-52716.90	6825.17	1650.34	890.94	-6351.91 -1129.84
111	4	10.75	16.20	±	-1.93	27163.10	29537.90	511.58	936.92	58336.10 1601.44
111	4	10.75	16.20	2	-1.93	-52540.00	6985.52	1652.63	889.50	-6699.98 -1117.88
111	4	10.75	16.20	±	-1.93	29963.50	32594.00	564.37	1034.52	64315.40 1766.84
111	4	10.75	16.20	3	-1.93	-52716.90	6825.17	1650.34	890.94	-6351.91 -1129.84
111	4	10.75	16.20	±	-1.93	23060.90	26781.50	457.69	363.64	49052.30 613.78
111	4	10.75	16.20	4	-1.93	-52540.00	6985.52	1652.63	889.50	-6699.98 -1117.88
111	4	10.75	16.20	±	-1.93	25270.00	29343.00	501.59	395.83	53784.30 669.36
111	4	10.75	16.20	5	-1.93	-52716.90	6825.17	1650.34	890.94	-6351.91 -1129.84
111	4	10.75	16.20	±	-1.93	14370.60	13041.80	235.21	1150.55	31581.30 1978.37
111	4	10.75	16.20	6	-1.93	-52540.00	6985.52	1652.63	889.50	-6699.98 -1117.88
111	4	10.75	16.20	±	-1.93	16107.40	14708.90	264.53	1279.03	35266.80 2194.56
111	4	10.75	16.20	7	-1.93	-52716.90	6825.17	1650.34	890.94	-6351.91 -1129.84
111	4	10.75	16.20	±	-1.93	-696.65	-3854.04	-55.57	760.39	-635.28 1313.80
111	4	10.75	16.20	8	-1.93	-52540.00	6985.52	1652.63	889.50	-6699.98 -1117.88
111	4	10.75	16.20	±	-1.93	-462.61	-3872.22	-55.26	849.92	-163.08 1463.71
111	4	10.75	16.20	9	-1.93	-56263.40	3609.95	1604.58	919.95	627.04 -1369.78
111	4	10.75	16.20	±	-1.93	27163.10	29537.90	511.58	936.92	58336.10 1601.44
111	4	10.75	16.20	10	-1.93	-56440.30	3449.60	1602.30	921.39	975.11 -1381.75
111	4	10.75	16.20	±	-1.93	29963.50	32594.00	564.37	1034.52	64315.40 1766.84
111	4	10.75	16.20	11	-1.93	-56263.40	3609.95	1604.58	919.95	627.04 -1369.78

111	4	10.75	16.20	±	-1.93	23060.90	26781.50	457.69	363.64	49052.30	613.78
111	4	10.75	16.20	12	-1.93	-56440.30	3449.60	1602.30	921.39	975.11	-1381.75
111	4	10.75	16.20	±	-1.93	25270.00	29343.00	501.59	395.83	53784.30	669.36
111	4	10.75	16.20	13	-1.93	-56263.40	3609.95	1604.58	919.95	627.04	-1369.78
111	4	10.75	16.20	±	-1.93	14370.60	13041.80	235.21	1150.55	31581.30	1978.37
111	4	10.75	16.20	14	-1.93	-56440.30	3449.60	1602.30	921.39	975.11	-1381.75
111	4	10.75	16.20	±	-1.93	16107.40	14708.90	264.53	1279.03	35266.80	2194.56
111	4	10.75	16.20	15	-1.93	-56263.40	3609.95	1604.58	919.95	627.04	-1369.78
111	4	10.75	16.20	±	-1.93	-696.65	-3854.04	-55.57	760.39	-635.28	1313.80
111	4	10.75	16.20	16	-1.93	-56440.30	3449.60	1602.30	921.39	975.11	-1381.75
111	4	10.75	16.20	±	-1.93	-462.61	-3872.22	-55.26	849.92	-163.08	1463.71
111	4	10.75	16.20	17	-1.93	-86027.80	5207.95	2445.27	1458.92	1710.56	-2067.86
111	4	10.75	16.20	18	-1.93	-79839.90	11831.70	2567.27	1294.06	-11366.20	-1804.20
111	4	10.75	16.20	19	-1.93	-83134.50	8592.51	2517.11	1272.96	-4117.42	-2086.10
111	4	10.75	16.20	20	-1.93	-82733.30	8447.16	2495.42	1480.02	-5538.17	-1785.96
111	4	10.75	16.20	21	-1.93	-62038.30	2735.56	1682.27	1043.05	3163.06	-1485.84
111	4	10.75	16.20	22	-1.93	-55850.40	9359.33	1804.27	878.19	-9913.65	-1222.18
111	4	10.75	16.20	23	-1.93	-59145.00	6120.12	1754.11	857.09	-2664.92	-1504.08
111	4	10.75	16.20	24	-1.93	-58743.80	5974.78	1732.42	1064.15	-4085.67	-1203.94
111	4	10.75	16.20	25	-1.93	-58664.40	2108.68	1595.22	1001.42	3549.80	-1407.47
111	4	10.75	16.20	26	-1.93	-52476.50	8732.45	1717.22	836.55	-9526.91	-1143.81
111	4	10.75	16.20	27	-1.93	-55771.10	5493.24	1667.07	815.45	-2278.18	-1425.71
111	4	10.75	16.20	28	-1.93	-55369.80	5347.89	1645.38	1022.52	-3698.93	-1125.57
111	4	10.75	16.20	29	-1.93	-57584.10	1905.67	1566.47	987.88	3675.92	-1381.64
111	4	10.75	16.20	30	-1.93	-51396.20	8529.44	1688.46	823.01	-9400.79	-1117.98
111	4	10.75	16.20	31	-1.93	-54690.80	5290.23	1638.31	801.91	-2152.06	-1399.88
111	4	10.75	16.20	32	-1.93	-54289.50	5144.89	1616.62	1008.98	-3572.81	-1099.74
111	4	10.75	16.20	1	-1.48	-52716.90	6825.17	1650.34	890.94	-6351.91	-1129.84
111	4	10.75	16.20	±	-1.48	27163.10	29537.90	511.58	936.92	58336.10	1601.44
111	4	10.75	16.20	2	-1.48	-52540.00	6985.52	1652.63	889.50	-6699.98	-1117.88
111	4	10.75	16.20	±	-1.48	29963.50	32594.00	564.37	1034.52	64315.40	1766.84
111	4	10.75	16.20	3	-1.48	-52716.90	6825.17	1650.34	890.94	-6351.91	-1129.84
111	4	10.75	16.20	±	-1.48	23060.90	26781.50	457.69	363.64	49052.30	613.78
111	4	10.75	16.20	4	-1.48	-52540.00	6985.52	1652.63	889.50	-6699.98	-1117.88
111	4	10.75	16.20	±	-1.48	25270.00	29343.00	501.59	395.83	53784.30	669.36
111	4	10.75	16.20	5	-1.48	-52716.90	6825.17	1650.34	890.94	-6351.91	-1129.84
111	4	10.75	16.20	±	-1.48	14370.60	13041.80	235.21	1150.55	31581.30	1978.37
111	4	10.75	16.20	6	-1.48	-52540.00	6985.52	1652.63	889.50	-6699.98	-1117.88
111	4	10.75	16.20	±	-1.48	16107.40	14708.90	264.53	1279.03	35266.80	2194.56
111	4	10.75	16.20	7	-1.48	-52716.90	6825.17	1650.34	890.94	-6351.91	-1129.84
111	4	10.75	16.20	±	-1.48	-696.65	-3854.04	-55.57	760.39	-635.28	1313.80
111	4	10.75	16.20	8	-1.48	-52540.00	6985.52	1652.63	889.50	-6699.98	-1117.88
111	4	10.75	16.20	±	-1.48	-462.61	-3872.22	-55.26	849.92	-163.08	1463.71
111	4	10.75	16.20	9	-1.48	-56263.40	3609.95	1604.58	919.95	627.04	-1369.78
111	4	10.75	16.20	±	-1.48	27163.10	29537.90	511.58	936.92	58336.10	1601.44
111	4	10.75	16.20	10	-1.48	-56440.30	3449.60	1602.30	921.39	975.11	-1381.75
111	4	10.75	16.20	±	-1.48	29963.50	32594.00	564.37	1034.52	64315.40	1766.84
111	4	10.75	16.20	11	-1.48	-56263.40	3609.95	1604.58	919.95	627.04	-1369.78
111	4	10.75	16.20	±	-1.48	23060.90	26781.50	457.69	363.64	49052.30	613.78
111	4	10.75	16.20	12	-1.48	-56440.30	3449.60	1602.30	921.39	975.11	-1381.75
111	4	10.75	16.20	±	-1.48	25270.00	29343.00	501.59	395.83	53784.30	669.36
111	4	10.75	16.20	13	-1.48	-56263.40	3609.95	1604.58	919.95	627.04	-1369.78
111	4	10.75	16.20	±	-1.48	14370.60	13041.80	235.21	1150.55	31581.30	1978.37
111	4	10.75	16.20	14	-1.48	-56440.30	3449.60	1602.30	921.39	975.11	-1381.75
111	4	10.75	16.20	±	-1.48	16107.40	14708.90	264.53	1279.03	35266.80	2194.56
111	4	10.75	16.20	15	-1.48	-56263.40	3609.95	1604.58	919.95	627.04	-1369.78
111	4	10.75	16.20	±	-1.48	-696.65	-3854.04	-55.57	760.39	-635.28	1313.80
111	4	10.75	16.20	16	-1.48	-56440.30	3449.60	1602.30	921.39	975.11	-1381.75
111	4	10.75	16.20	±	-1.48	-462.61	-3872.22	-55.26	849.92	-163.08	1463.71
111	4	10.75	16.20	17	-1.48	-86027.80	5207.95	2445.27	1458.92	1710.56	-2067.86
111	4	10.75	16.20	18	-1.48	-79839.90	11831.70	2567.27	1294.06	-11366.20	-1804.20
111	4	10.75	16.20	19	-1.48	-83134.50	8592.51	2517.11	1272.96	-4117.42	-2086.10
111	4	10.75	16.20	20	-1.48	-82733.30	8447.16	2495.42	1480.02	-5538.17	-1785.96
111	4	10.75	16.20	21	-1.48	-62038.30	2735.56	1682.27	1043.05	3163.06	-1485.84
111	4	10.75	16.20	22	-1.48	-55850.40	9359.33	1804.27	878.19	-9913.65	-1222.18
111	4	10.75	16.20	23	-1.48	-59145.00	6120.12	1754.11	857.09	-2664.92	-1504.08
111	4	10.75	16.20	24	-1.48	-58743.80	5974.78	1732.42	1064.15	-4085.67	-1203.94
111	4	10.75	16.20	25	-1.48	-58664.40	2108.68	1595.22	1001.42	3549.80	-1407.47
111	4	10.75	16.20	26	-1.48	-52476.50	8732.45	1717.22	836.55	-9526.91	-1143.81
111	4	10.75	16.20	27	-1.48	-55771.10	5493.24	1667.07	815.45	-2278.18	-1425.71
111	4	10.75	16.20	28	-1.48	-55369.80	5347.89	1645.38	1022.52	-3698.93	-1125.57
111	4	10.75	16.20	29	-1.48	-57584.10	1905.67	1566.47	987.88	3675.92	-1381.64
111	4	10.75	16.20	30	-1.48	-51396.20	8529.44	1688.46	823.01	-9400.79	-1117.98
111	4	10.75	16.20	31	-1.48	-54690.80	5290.23	1638.31	801.91	-2152.06	-1399.88
111	4	10.75	16.20	32	-1.48	-54289.50	5144.89	1616.62	1008.98	-3572.81	-1099.74
111	5	10.75	16.20	1	-1.48	-55343.50	8946.12	1846.51	1701.56	-10171.00	-1228.79
111	5	10.75	16.20	±	-1.48	21452.30	37796.40	931.25	704.79	77595.10	2502.87
111	5	10.75	16.20	2	-1.48	-55201.30	9153.15	1851.40	1702.21	-10631.40	-1210.79
111	5	10.75	16.20	±	-1.48	23659.00	41701.30	1026.03	779.66	85545.50	2760.88
111	5	10.75	16.20	3	-1.48	-55343.50	8946.12	1846.51	1701.56	-10171.00	-1228.79
111	5	10.75	16.20	±	-1.48	17872.80	34083.90	780.66	-3.48	65254.80	1050.64
111	5	10.75	16.20	4	-1.48	-55201.30	9153.15	1851.40	1702.21	-10631.40	-1210.79

111	5	10.75	16.20	±	-1.48	19588.40	37348.60	856.63	-8.26	71552.60	1147.09
111	5	10.75	16.20	5	-1.48	-55343.50	8946.12	1846.51	1701.56	-10171.00	-1228.79
111	5	10.75	16.20	±	-1.48	11864.60	16969.40	507.76	1285.64	41994.70	2953.41
111	5	10.75	16.20	6	-1.48	-55201.30	9153.15	1851.40	1702.21	-10631.40	-1210.79
111	5	10.75	16.20	±	-1.48	13271.30	19112.00	564.74	1428.90	46886.30	3275.84
111	5	10.75	16.20	7	-1.48	-55343.50	8946.12	1846.51	1701.56	-10171.00	-1228.79
111	5	10.75	16.20	±	-1.48	67.12	-4594.65	-5.82	1075.25	-860.26	1887.36
111	5	10.75	16.20	8	-1.48	-55201.30	9153.15	1851.40	1702.21	-10631.40	-1210.79
111	5	10.75	16.20	±	-1.48	297.08	-4602.99	-0.06	1197.48	-243.15	2103.45
111	5	10.75	16.20	9	-1.48	-58194.30	4795.01	1748.41	1688.59	-940.26	-1589.62
111	5	10.75	16.20	±	-1.48	21452.30	37796.40	931.25	704.79	77595.10	2502.87
111	5	10.75	16.20	10	-1.48	-58336.50	4587.98	1743.52	1687.94	-479.89	-1607.62
111	5	10.75	16.20	±	-1.48	23659.00	41701.30	1026.03	779.66	85545.50	2760.88
111	5	10.75	16.20	11	-1.48	-58194.30	4795.01	1748.41	1688.59	-940.26	-1589.62
111	5	10.75	16.20	±	-1.48	17872.80	34083.90	780.66	-3.48	65254.80	1050.64
111	5	10.75	16.20	12	-1.48	-58336.50	4587.98	1743.52	1687.94	-479.89	-1607.62
111	5	10.75	16.20	±	-1.48	19588.40	37348.60	856.63	-8.26	71552.60	1147.09
111	5	10.75	16.20	13	-1.48	-58194.30	4795.01	1748.41	1688.59	-940.26	-1589.62
111	5	10.75	16.20	±	-1.48	11864.60	16969.40	507.76	1285.64	41994.70	2953.41
111	5	10.75	16.20	14	-1.48	-58336.50	4587.98	1743.52	1687.94	-479.89	-1607.62
111	5	10.75	16.20	±	-1.48	13271.30	19112.00	564.74	1428.90	46886.30	3275.84
111	5	10.75	16.20	15	-1.48	-58194.30	4795.01	1748.41	1688.59	-940.26	-1589.62
111	5	10.75	16.20	±	-1.48	67.12	-4594.65	-5.82	1075.25	-860.26	1887.36
111	5	10.75	16.20	16	-1.48	-58336.50	4587.98	1743.52	1687.94	-479.89	-1607.62
111	5	10.75	16.20	±	-1.48	297.08	-4602.99	-0.06	1197.48	-243.15	2103.45
111	5	10.75	16.20	17	-1.48	-89084.00	6915.43	2655.95	2634.94	-434.61	-2398.39
111	5	10.75	16.20	18	-1.48	-84244.50	15392.60	2866.38	2543.40	-17785.00	-1975.22
111	5	10.75	16.20	19	-1.48	-86893.30	11186.00	2746.48	2465.13	-8150.80	-2406.91
111	5	10.75	16.20	20	-1.48	-86435.20	11122.00	2775.85	2713.20	-10068.80	-1966.69
111	5	10.75	16.20	21	-1.48	-63992.80	3653.00	1815.85	1849.97	2296.87	-1741.50
111	5	10.75	16.20	22	-1.48	-59153.20	12130.20	2026.27	1758.43	-15053.50	-1318.33
111	5	10.75	16.20	23	-1.48	-61802.00	7923.56	1906.38	1680.17	-5419.32	-1750.03
111	5	10.75	16.20	24	-1.48	-61344.00	7859.61	1935.75	1928.24	-7337.31	-1309.81
111	5	10.75	16.20	25	-1.48	-60354.10	2881.67	1722.86	1767.75	2917.96	-1650.76
111	5	10.75	16.20	26	-1.48	-55514.50	11358.80	1933.28	1676.21	-14432.40	-1227.58
111	5	10.75	16.20	27	-1.48	-58163.30	7152.23	1813.39	1597.94	-4798.24	-1659.28
111	5	10.75	16.20	28	-1.48	-57705.30	7088.28	1842.76	1846.01	-6716.23	-1219.06
111	5	10.75	16.20	29	-1.48	-59188.70	2631.98	1692.25	1740.84	3119.55	-1620.79
111	5	10.75	16.20	30	-1.48	-54349.10	11109.20	1902.67	1649.30	-14230.80	-1197.62
111	5	10.75	16.20	31	-1.48	-56997.90	6902.54	1782.78	1571.04	-4596.65	-1629.31
111	5	10.75	16.20	32	-1.48	-56539.90	6838.59	1812.14	1819.11	-6514.64	-1189.10
111	5	10.75	16.20	1	-1.04	-55343.50	8946.12	1846.51	1701.56	-10171.00	-1228.79
111	5	10.75	16.20	±	-1.04	21452.30	37796.40	931.25	704.79	77595.10	2502.87
111	5	10.75	16.20	2	-1.04	-55201.30	9153.15	1851.40	1702.21	-10631.40	-1210.79
111	5	10.75	16.20	±	-1.04	23659.00	41701.30	1026.03	779.66	85545.50	2760.88
111	5	10.75	16.20	3	-1.04	-55343.50	8946.12	1846.51	1701.56	-10171.00	-1228.79
111	5	10.75	16.20	±	-1.04	17872.80	34083.90	780.66	-3.48	65254.80	1050.64
111	5	10.75	16.20	4	-1.04	-55201.30	9153.15	1851.40	1702.21	-10631.40	-1210.79
111	5	10.75	16.20	±	-1.04	19588.40	37348.60	856.63	-8.26	71552.60	1147.09
111	5	10.75	16.20	5	-1.04	-55343.50	8946.12	1846.51	1701.56	-10171.00	-1228.79
111	5	10.75	16.20	±	-1.04	11864.60	16969.40	507.76	1285.64	41994.70	2953.41
111	5	10.75	16.20	6	-1.04	-55201.30	9153.15	1851.40	1702.21	-10631.40	-1210.79
111	5	10.75	16.20	±	-1.04	13271.30	19112.00	564.74	1428.90	46886.30	3275.84
111	5	10.75	16.20	7	-1.04	-55343.50	8946.12	1846.51	1701.56	-10171.00	-1228.79
111	5	10.75	16.20	±	-1.04	67.12	-4594.65	-5.82	1075.25	-860.26	1887.36
111	5	10.75	16.20	8	-1.04	-55201.30	9153.15	1851.40	1702.21	-10631.40	-1210.79
111	5	10.75	16.20	±	-1.04	297.08	-4602.99	-0.06	1197.48	-243.15	2103.45
111	5	10.75	16.20	9	-1.04	-58194.30	4795.01	1748.41	1688.59	-940.26	-1589.62
111	5	10.75	16.20	±	-1.04	21452.30	37796.40	931.25	704.79	77595.10	2502.87
111	5	10.75	16.20	10	-1.04	-58336.50	4587.98	1743.52	1687.94	-479.89	-1607.62
111	5	10.75	16.20	±	-1.04	23659.00	41701.30	1026.03	779.66	85545.50	2760.88
111	5	10.75	16.20	11	-1.04	-58194.30	4795.01	1748.41	1688.59	-940.26	-1589.62
111	5	10.75	16.20	±	-1.04	17872.80	34083.90	780.66	-3.48	65254.80	1050.64
111	5	10.75	16.20	12	-1.04	-58336.50	4587.98	1743.52	1687.94	-479.89	-1607.62
111	5	10.75	16.20	±	-1.04	19588.40	37348.60	856.63	-8.26	71552.60	1147.09
111	5	10.75	16.20	13	-1.04	-58194.30	4795.01	1748.41	1688.59	-940.26	-1589.62
111	5	10.75	16.20	±	-1.04	11864.60	16969.40	507.76	1285.64	41994.70	2953.41
111	5	10.75	16.20	14	-1.04	-58336.50	4587.98	1743.52	1687.94	-479.89	-1607.62
111	5	10.75	16.20	±	-1.04	13271.30	19112.00	564.74	1428.90	46886.30	3275.84
111	5	10.75	16.20	15	-1.04	-58194.30	4795.01	1748.41	1688.59	-940.26	-1589.62
111	5	10.75	16.20	±	-1.04	67.12	-4594.65	-5.82	1075.25	-860.26	1887.36
111	5	10.75	16.20	16	-1.04	-58336.50	4587.98	1743.52	1687.94	-479.89	-1607.62
111	5	10.75	16.20	±	-1.04	297.08	-4602.99	-0.06	1197.48	-243.15	2103.45
111	5	10.75	16.20	17	-1.04	-89084.00	6915.43	2655.95	2634.94	-434.61	-2398.39
111	5	10.75	16.20	18	-1.04	-84244.50	15392.60	2866.38	2543.40	-17785.00	-1975.22
111	5	10.75	16.20	19	-1.04	-86893.30	11186.00	2746.48	2465.13	-8150.80	-2406.91
111	5	10.75	16.20	20	-1.04	-86435.20	11122.00	2775.85	2713.20	-10068.80	-1966.69
111	5	10.75	16.20	21	-1.04	-63992.80	3653.00	1815.85	1849.97	2296.87	-1741.50
111	5	10.75	16.20	22	-1.04	-59153.20	12130.20	2026.27	1758.43	-15053.50	-1318.33
111	5	10.75	16.20	23	-1.04	-61802.00	7923.56	1906.38	1680.17	-5419.32	-1750.03
111	5	10.75	16.20	24	-1.04	-61344.00	7859.61	1935.75	1928.24	-7337.31	-1309.81
111	5	10.75	16.20	25	-1.04	-60354.10	2881.67	1722.86	1767.75	2917.96	-1650.76

111	5	10.75	16.20	26	-1.04	-55514.50	11358.80	1933.28	1676.21	-14432.40	-1227.58
111	5	10.75	16.20	27	-1.04	-58163.30	7152.23	1813.39	1597.94	-4798.24	-1659.28
111	5	10.75	16.20	28	-1.04	-57705.30	7088.28	1842.76	1846.01	-6716.23	-1219.06
111	5	10.75	16.20	29	-1.04	-59188.70	2631.98	1692.25	1740.84	3119.55	-1620.79
111	5	10.75	16.20	30	-1.04	-54349.10	11109.20	1902.67	1649.30	-14230.80	-1197.62
111	5	10.75	16.20	31	-1.04	-56997.90	6902.54	1782.78	1571.04	-4596.65	-1629.31
111	5	10.75	16.20	32	-1.04	-56539.90	6838.59	1812.14	1819.11	-6514.64	-1189.10
111	6	10.75	16.20	1	-1.04	-58540.30	11730.70	1976.07	2625.34	-16671.00	-1436.41
111	6	10.75	16.20	±	-1.04	16942.30	46215.90	1428.14	762.00	111183.00	3721.25
111	6	10.75	16.20	2	-1.04	-58426.20	11983.10	1983.81	2630.30	-17327.50	-1410.39
111	6	10.75	16.20	±	-1.04	18678.60	50988.40	1573.28	844.14	122572.00	4104.37
111	6	10.75	16.20	3	-1.04	-58540.30	11730.70	1976.07	2625.34	-16671.00	-1436.41
111	6	10.75	16.20	±	-1.04	13557.40	41659.70	1060.35	-275.53	93567.50	1651.62
111	6	10.75	16.20	4	-1.04	-58426.20	11983.10	1983.81	2630.30	-17327.50	-1410.39
111	6	10.75	16.20	±	-1.04	14863.20	45652.10	1163.41	-308.87	102601.00	1804.44
111	6	10.75	16.20	5	-1.04	-58540.30	11730.70	1976.07	2625.34	-16671.00	-1436.41
111	6	10.75	16.20	±	-1.04	10216.50	20775.00	986.27	1802.19	60072.30	4255.32
111	6	10.75	16.20	6	-1.04	-58426.20	11983.10	1983.81	2630.30	-17327.50	-1410.39
111	6	10.75	16.20	±	-1.04	11390.30	23389.90	1093.62	2001.97	67062.20	4719.54
111	6	10.75	16.20	7	-1.04	-58540.30	11730.70	1976.07	2625.34	-16671.00	-1436.41
111	6	10.75	16.20	±	-1.04	1066.58	-5587.63	239.72	1656.25	-1352.96	2643.46
111	6	10.75	16.20	8	-1.04	-58426.20	11983.10	1983.81	2630.30	-17327.50	-1410.39
111	6	10.75	16.20	±	-1.04	1327.76	-5602.24	272.61	1841.39	-489.75	2946.90
111	6	10.75	16.20	9	-1.04	-60827.90	6670.53	1820.76	2525.92	-3507.30	-1958.07
111	6	10.75	16.20	±	-1.04	16942.30	46215.90	1428.14	762.00	111183.00	3721.25
111	6	10.75	16.20	10	-1.04	-60941.90	6418.17	1813.01	2520.96	-2850.78	-1984.09
111	6	10.75	16.20	±	-1.04	18678.60	50988.40	1573.28	844.14	122572.00	4104.37
111	6	10.75	16.20	11	-1.04	-60827.90	6670.53	1820.76	2525.92	-3507.30	-1958.07
111	6	10.75	16.20	±	-1.04	13557.40	41659.70	1060.35	-275.53	93567.50	1651.62
111	6	10.75	16.20	12	-1.04	-60941.90	6418.17	1813.01	2520.96	-2850.78	-1984.09
111	6	10.75	16.20	±	-1.04	14863.20	45652.10	1163.41	-308.87	102601.00	1804.44
111	6	10.75	16.20	13	-1.04	-60827.90	6670.53	1820.76	2525.92	-3507.30	-1958.07
111	6	10.75	16.20	±	-1.04	10216.50	20775.00	986.27	1802.19	60072.30	4255.32
111	6	10.75	16.20	14	-1.04	-60941.90	6418.17	1813.01	2520.96	-2850.78	-1984.09
111	6	10.75	16.20	±	-1.04	11390.30	23389.90	1093.62	2001.97	67062.20	4719.54
111	6	10.75	16.20	15	-1.04	-60827.90	6670.53	1820.76	2525.92	-3507.30	-1958.07
111	6	10.75	16.20	±	-1.04	1066.58	-5587.63	239.72	1656.25	-1352.96	2643.46
111	6	10.75	16.20	16	-1.04	-60941.90	6418.17	1813.01	2520.96	-2850.78	-1984.09
111	6	10.75	16.20	±	-1.04	1327.76	-5602.24	272.61	1841.39	-489.75	2946.90
111	6	10.75	16.20	17	-1.04	-93260.80	9656.46	2749.70	3908.50	-3894.31	-2954.79
111	6	10.75	16.20	18	-1.04	-89517.00	20013.40	3051.11	3957.17	-28706.50	-2315.11
111	6	10.75	16.20	19	-1.04	-91685.90	14859.90	2851.79	3758.12	-14921.80	-2948.21
111	6	10.75	16.20	20	-1.04	-91091.90	14810.00	2949.01	4107.55	-17679.00	-2321.68
111	6	10.75	16.20	21	-1.04	-66821.70	5275.91	1867.84	2714.74	1004.79	-2163.57
111	6	10.75	16.20	22	-1.04	-63078.00	15632.90	2169.26	2763.42	-23807.40	-1523.89
111	6	10.75	16.20	23	-1.04	-65246.90	10479.30	1969.94	2564.37	-10022.70	-2157.00
111	6	10.75	16.20	24	-1.04	-64652.90	10429.50	2067.16	2913.79	-12779.90	-1530.47
111	6	10.75	16.20	25	-1.04	-62833.30	4328.71	1777.31	2591.57	1996.18	-2053.49
111	6	10.75	16.20	26	-1.04	-59089.60	14685.70	2078.72	2640.25	-22816.00	-1413.81
111	6	10.75	16.20	27	-1.04	-61258.40	9532.11	1879.41	2441.20	-9031.28	-2046.91
111	6	10.75	16.20	28	-1.04	-60664.50	9482.28	1976.62	2790.62	-11788.60	-1420.39
111	6	10.75	16.20	29	-1.04	-61555.90	4022.13	1747.71	2551.29	2316.96	-2017.08
111	6	10.75	16.20	30	-1.04	-57812.20	14379.10	2049.12	2599.97	-22495.20	-1377.40
111	6	10.75	16.20	31	-1.04	-59981.10	9225.53	1849.80	2400.91	-8710.50	-2010.50
111	6	10.75	16.20	32	-1.04	-59387.10	9175.70	1947.02	2750.34	-11467.80	-1383.98
111	6	10.75	16.20	1	-0.60	-58540.30	11730.70	1976.07	2625.34	-16671.00	-1436.41
111	6	10.75	16.20	±	-0.60	16942.30	46215.90	1428.14	762.00	111183.00	3721.25
111	6	10.75	16.20	2	-0.60	-58426.20	11983.10	1983.81	2630.30	-17327.50	-1410.39
111	6	10.75	16.20	±	-0.60	18678.60	50988.40	1573.28	844.14	122572.00	4104.37
111	6	10.75	16.20	3	-0.60	-58540.30	11730.70	1976.07	2625.34	-16671.00	-1436.41
111	6	10.75	16.20	±	-0.60	13557.40	41659.70	1060.35	-275.53	93567.50	1651.62
111	6	10.75	16.20	4	-0.60	-58426.20	11983.10	1983.81	2630.30	-17327.50	-1410.39
111	6	10.75	16.20	±	-0.60	14863.20	45652.10	1163.41	-308.87	102601.00	1804.44
111	6	10.75	16.20	5	-0.60	-58540.30	11730.70	1976.07	2625.34	-16671.00	-1436.41
111	6	10.75	16.20	±	-0.60	10216.50	20775.00	986.27	1802.19	60072.30	4255.32
111	6	10.75	16.20	6	-0.60	-58426.20	11983.10	1983.81	2630.30	-17327.50	-1410.39
111	6	10.75	16.20	±	-0.60	11390.30	23389.90	1093.62	2001.97	67062.20	4719.54
111	6	10.75	16.20	7	-0.60	-58540.30	11730.70	1976.07	2625.34	-16671.00	-1436.41
111	6	10.75	16.20	±	-0.60	1066.58	-5587.63	239.72	1656.25	-1352.96	2643.46
111	6	10.75	16.20	8	-0.60	-58426.20	11983.10	1983.81	2630.30	-17327.50	-1410.39
111	6	10.75	16.20	±	-0.60	1327.76	-5602.24	272.61	1841.39	-489.75	2946.90
111	6	10.75	16.20	9	-0.60	-60827.90	6670.53	1820.76	2525.92	-3507.30	-1958.07
111	6	10.75	16.20	±	-0.60	16942.30	46215.90	1428.14	762.00	111183.00	3721.25
111	6	10.75	16.20	10	-0.60	-60941.90	6418.17	1813.01	2520.96	-2850.78	-1984.09
111	6	10.75	16.20	±	-0.60	18678.60	50988.40	1573.28	844.14	122572.00	4104.37
111	6	10.75	16.20	11	-0.60	-60827.90	6670.53	1820.76	2525.92	-3507.30	-1958.07
111	6	10.75	16.20	±	-0.60	13557.40	41659.70	1060.35	-275.53	93567.50	1651.62
111	6	10.75	16.20	12	-0.60	-60941.90	6418.17	1813.01	2520.96	-2850.78	-1984.09
111	6	10.75	16.20	±	-0.60	14863.20	45652.10	1163.41	-308.87	102601.00	1804.44
111	6	10.75	16.20	13	-0.60	-60827.90	6670.53	1820.76	2525.92	-3507.30	-1958.07
111	6	10.75	16.20	±	-0.60	10216.50	20775.00	986.27	1802.19	60072.30	4255.32
111	6	10.75	16.20	14	-0.60	-60941.90	6418.17	1813.01	2520.96	-2850.78	-1984.09

111	6	10.75	16.20	±	-0.60	11390.30	23389.90	1093.62	2001.97	67062.20	4719.54
111	6	10.75	16.20	15	-0.60	-60827.90	6670.53	1820.76	2525.92	-3507.30	-1958.07
111	6	10.75	16.20	±	-0.60	1066.58	-5587.63	239.72	1656.25	-1352.96	2643.46
111	6	10.75	16.20	16	-0.60	-60941.90	6418.17	1813.01	2520.96	-2850.78	-1984.09
111	6	10.75	16.20	±	-0.60	1327.76	-5602.24	272.61	1841.39	-489.75	2946.90
111	6	10.75	16.20	17	-0.60	-93260.80	9656.46	2749.70	3908.50	-3894.31	-2954.79
111	6	10.75	16.20	18	-0.60	-89517.00	20013.40	3051.11	3957.17	-28706.50	-2315.11
111	6	10.75	16.20	19	-0.60	-91685.90	14859.90	2851.79	3758.12	-14921.80	-2948.21
111	6	10.75	16.20	20	-0.60	-91091.90	14810.00	2949.01	4107.55	-17679.00	-2321.68
111	6	10.75	16.20	21	-0.60	-66821.70	5275.91	1867.84	2714.74	1004.79	-2163.57
111	6	10.75	16.20	22	-0.60	-63078.00	15632.90	2169.26	2763.42	-23807.40	-1523.89
111	6	10.75	16.20	23	-0.60	-65246.90	10479.30	1969.94	2564.37	-10022.70	-2157.00
111	6	10.75	16.20	24	-0.60	-64652.90	10429.50	2067.16	2913.79	-12779.90	-1530.47
111	6	10.75	16.20	25	-0.60	-62833.30	4328.71	1777.31	2591.57	1996.18	-2053.49
111	6	10.75	16.20	26	-0.60	-59089.60	14685.70	2078.72	2640.25	-22816.00	-1413.81
111	6	10.75	16.20	27	-0.60	-61258.40	9532.11	1879.41	2441.20	-9031.28	-2046.91
111	6	10.75	16.20	28	-0.60	-60664.50	9482.28	1976.62	2790.62	-11788.60	-1420.39
111	6	10.75	16.20	29	-0.60	-61555.90	4022.13	1747.71	2551.29	2316.96	-2017.08
111	6	10.75	16.20	30	-0.60	-57812.20	14379.10	2049.12	2599.97	-22495.20	-1377.40
111	6	10.75	16.20	31	-0.60	-59981.10	9225.53	1849.80	2400.91	-8710.50	-2010.50
111	6	10.75	16.20	32	-0.60	-59387.10	9175.70	1947.02	2750.34	-11467.80	-1383.98
111	7	10.75	16.20	1	-0.60	-61554.80	15773.70	1402.86	3510.39	-27914.10	-1001.24
111	7	10.75	16.20	±	-0.60	15846.50	48036.30	481.42	1671.81	169316.00	3671.62
111	7	10.75	16.20	2	-0.60	-61453.10	16025.00	1405.31	3520.72	-28907.00	-974.09
111	7	10.75	16.20	±	-0.60	17462.50	52988.60	530.99	1846.84	186649.00	4049.71
111	7	10.75	16.20	3	-0.60	-61554.80	15773.70	1402.86	3510.39	-27914.10	-1001.24
111	7	10.75	16.20	±	-0.60	11500.10	43577.00	436.31	204.10	142296.00	1651.13
111	7	10.75	16.20	4	-0.60	-61453.10	16025.00	1405.31	3520.72	-28907.00	-974.09
111	7	10.75	16.20	±	-0.60	12611.70	47762.60	478.28	216.28	156043.00	1803.97
111	7	10.75	16.20	5	-0.60	-61554.80	15773.70	1402.86	3510.39	-27914.10	-1001.24
111	7	10.75	16.20	±	-0.60	11346.10	21174.20	212.83	2727.58	91773.80	4165.91
111	7	10.75	16.20	6	-0.60	-61453.10	16025.00	1405.31	3520.72	-28907.00	-974.09
111	7	10.75	16.20	±	-0.60	12595.80	23822.70	239.25	3027.08	102414.00	4620.95
111	7	10.75	16.20	7	-0.60	-61554.80	15773.70	1402.86	3510.39	-27914.10	-1001.24
111	7	10.75	16.20	±	-0.60	3142.10	-6309.80	-62.49	2164.80	-1709.81	2569.08
111	7	10.75	16.20	8	-0.60	-61453.10	16025.00	1405.31	3520.72	-28907.00	-974.09
111	7	10.75	16.20	±	-0.60	3573.52	-6402.63	-63.53	2408.14	-393.96	2864.84
111	7	10.75	16.20	9	-0.60	-63594.10	10735.00	1353.77	3303.32	-8006.40	-1545.71
111	7	10.75	16.20	±	-0.60	15846.50	48036.30	481.42	1671.81	169316.00	3671.62
111	7	10.75	16.20	10	-0.60	-63695.80	10483.70	1351.32	3293.00	-7013.53	-1572.86
111	7	10.75	16.20	±	-0.60	17462.50	52988.60	530.99	1846.84	186649.00	4049.71
111	7	10.75	16.20	11	-0.60	-63594.10	10735.00	1353.77	3303.32	-8006.40	-1545.71
111	7	10.75	16.20	±	-0.60	11500.10	43577.00	436.31	204.10	142296.00	1651.13
111	7	10.75	16.20	12	-0.60	-63695.80	10483.70	1351.32	3293.00	-7013.53	-1572.86
111	7	10.75	16.20	±	-0.60	12611.70	47762.60	478.28	216.28	156043.00	1803.97
111	7	10.75	16.20	13	-0.60	-63594.10	10735.00	1353.77	3303.32	-8006.40	-1545.71
111	7	10.75	16.20	±	-0.60	11346.10	21174.20	212.83	2727.58	91773.80	4165.91
111	7	10.75	16.20	14	-0.60	-63695.80	10483.70	1351.32	3293.00	-7013.53	-1572.86
111	7	10.75	16.20	±	-0.60	12595.80	23822.70	239.25	3027.08	102414.00	4620.95
111	7	10.75	16.20	15	-0.60	-63594.10	10735.00	1353.77	3303.32	-8006.40	-1545.71
111	7	10.75	16.20	±	-0.60	3142.10	-6309.80	-62.49	2164.80	-1709.81	2569.08
111	7	10.75	16.20	16	-0.60	-63695.80	10483.70	1351.32	3293.00	-7013.53	-1572.86
111	7	10.75	16.20	±	-0.60	3573.52	-6402.63	-63.53	2408.14	-393.96	2864.84
111	7	10.75	16.20	17	-0.60	-97783.90	15689.10	2029.88	5082.71	-9855.85	-2264.16
111	7	10.75	16.20	18	-0.60	-94448.10	26387.80	2139.18	5297.64	-47529.00	-1631.03
111	7	10.75	16.20	19	-0.60	-96649.40	21065.80	2094.80	4949.38	-26509.90	-2248.28
111	7	10.75	16.20	20	-0.60	-95582.60	21011.10	2074.26	5430.97	-30874.90	-1646.91
111	7	10.75	16.20	21	-0.60	-70101.40	9333.89	1402.78	3509.49	-1166.34	-1679.75
111	7	10.75	16.20	22	-0.60	-66765.70	20032.60	1512.08	3724.42	-38839.40	-1046.61
111	7	10.75	16.20	23	-0.60	-68967.00	14710.60	1467.70	3376.16	-17820.40	-1663.86
111	7	10.75	16.20	24	-0.60	-67900.10	14655.90	1447.16	3857.75	-22185.40	-1062.50
111	7	10.75	16.20	25	-0.60	-65663.10	8254.69	1342.99	3351.04	377.99	-1612.12
111	7	10.75	16.20	26	-0.60	-62327.30	18953.40	1452.29	3565.97	-37295.10	-978.99
111	7	10.75	16.20	27	-0.60	-64528.70	13631.40	1407.91	3217.71	-16276.00	-1596.24
111	7	10.75	16.20	28	-0.60	-63461.80	13576.70	1387.37	3699.30	-20641.10	-994.88
111	7	10.75	16.20	29	-0.60	-64242.30	7905.03	1323.67	3299.39	876.28	-1590.04
111	7	10.75	16.20	30	-0.60	-60906.60	18603.70	1432.97	3514.32	-36796.80	-956.91
111	7	10.75	16.20	31	-0.60	-63107.90	13281.70	1388.59	3166.06	-15777.70	-1574.15
111	7	10.75	16.20	32	-0.60	-62041.00	13227.00	1368.05	3647.65	-20142.80	-972.79
111	7	10.75	16.20	1	-0.16	-61554.80	15773.70	1402.86	3510.39	-27914.10	-1001.24
111	7	10.75	16.20	±	-0.16	15846.50	48036.30	481.42	1671.81	169316.00	3671.62
111	7	10.75	16.20	2	-0.16	-61453.10	16025.00	1405.31	3520.72	-28907.00	-974.09
111	7	10.75	16.20	±	-0.16	17462.50	52988.60	530.99	1846.84	186649.00	4049.71
111	7	10.75	16.20	3	-0.16	-61554.80	15773.70	1402.86	3510.39	-27914.10	-1001.24
111	7	10.75	16.20	±	-0.16	11500.10	43577.00	436.31	204.10	142296.00	1651.13
111	7	10.75	16.20	4	-0.16	-61453.10	16025.00	1405.31	3520.72	-28907.00	-974.09
111	7	10.75	16.20	±	-0.16	12611.70	47762.60	478.28	216.28	156043.00	1803.97
111	7	10.75	16.20	5	-0.16	-61554.80	15773.70	1402.86	3510.39	-27914.10	-1001.24
111	7	10.75	16.20	±	-0.16	11346.10	21174.20	212.83	2727.58	91773.80	4165.91
111	7	10.75	16.20	6	-0.16	-61453.10	16025.00	1405.31	3520.72	-28907.00	-974.09
111	7	10.75	16.20	±	-0.16	12595.80	23822.70	239.25	3027.08	102414.00	4620.95
111	7	10.75	16.20	7	-0.16	-61554.80	15773.70	1402.86	3510.39	-27914.10	-1001.24

111	7	10.75	16.20	±	-0.16	3142.10	-6309.80	-62.49	2164.80	-1709.81	2569.08
111	7	10.75	16.20	8	-0.16	-61453.10	16025.00	1405.31	3520.72	-28907.00	-974.09
111	7	10.75	16.20	±	-0.16	3573.52	-6402.63	-63.53	2408.14	-393.96	2864.84
111	7	10.75	16.20	9	-0.16	-63594.10	10735.00	1353.77	3303.32	-8006.40	-1545.71
111	7	10.75	16.20	±	-0.16	15846.50	48036.30	481.42	1671.81	169316.00	3671.62
111	7	10.75	16.20	10	-0.16	-63695.80	10483.70	1351.32	3293.00	-7013.53	-1572.86
111	7	10.75	16.20	±	-0.16	17462.50	52988.60	530.99	1846.84	186649.00	4049.71
111	7	10.75	16.20	11	-0.16	-63594.10	10735.00	1353.77	3303.32	-8006.40	-1545.71
111	7	10.75	16.20	±	-0.16	11500.10	43577.00	436.31	204.10	142296.00	1651.13
111	7	10.75	16.20	12	-0.16	-63695.80	10483.70	1351.32	3293.00	-7013.53	-1572.86
111	7	10.75	16.20	±	-0.16	12611.70	47762.60	478.28	216.28	156043.00	1803.97
111	7	10.75	16.20	13	-0.16	-63594.10	10735.00	1353.77	3303.32	-8006.40	-1545.71
111	7	10.75	16.20	±	-0.16	11346.10	21174.20	212.83	2727.58	91773.80	4165.91
111	7	10.75	16.20	14	-0.16	-63695.80	10483.70	1351.32	3293.00	-7013.53	-1572.86
111	7	10.75	16.20	±	-0.16	12595.80	23822.70	239.25	3027.08	102414.00	4620.95
111	7	10.75	16.20	15	-0.16	-63594.10	10735.00	1353.77	3303.32	-8006.40	-1545.71
111	7	10.75	16.20	±	-0.16	3142.10	-6309.80	-62.49	2164.80	-1709.81	2569.08
111	7	10.75	16.20	16	-0.16	-63695.80	10483.70	1351.32	3293.00	-7013.53	-1572.86
111	7	10.75	16.20	±	-0.16	3573.52	-6402.63	-63.53	2408.14	-393.96	2864.84
111	7	10.75	16.20	17	-0.16	-97783.90	15689.10	2029.88	5082.71	-9855.85	-2264.16
111	7	10.75	16.20	18	-0.16	-94448.10	26387.80	2139.18	5297.64	-47529.00	-1631.03
111	7	10.75	16.20	19	-0.16	-96649.40	21065.80	2094.80	4949.38	-26509.90	-2248.28
111	7	10.75	16.20	20	-0.16	-95582.60	21011.10	2074.26	5430.97	-30874.90	-1646.91
111	7	10.75	16.20	21	-0.16	-70101.40	9333.89	1402.78	3509.49	-1166.34	-1679.75
111	7	10.75	16.20	22	-0.16	-66765.70	20032.60	1512.08	3724.42	-38839.40	-1046.61
111	7	10.75	16.20	23	-0.16	-68967.00	14710.60	1467.70	3376.16	-17820.40	-1663.86
111	7	10.75	16.20	24	-0.16	-67900.10	14655.90	1447.16	3857.75	-22185.40	-1062.50
111	7	10.75	16.20	25	-0.16	-65663.10	8254.69	1342.99	3351.04	377.99	-1612.12
111	7	10.75	16.20	26	-0.16	-62327.30	18953.40	1452.29	3565.97	-37295.10	-978.99
111	7	10.75	16.20	27	-0.16	-64528.70	13631.40	1407.91	3217.71	-16276.00	-1596.24
111	7	10.75	16.20	28	-0.16	-63461.80	13576.70	1387.37	3699.30	-20641.10	-994.88
111	7	10.75	16.20	29	-0.16	-64242.30	7905.03	1323.67	3299.39	876.28	-1590.04
111	7	10.75	16.20	30	-0.16	-60906.60	18603.70	1432.97	3514.32	-36796.80	-956.91
111	7	10.75	16.20	31	-0.16	-63107.90	13281.70	1388.59	3166.06	-15777.70	-1574.15
111	7	10.75	16.20	32	-0.16	-62041.00	13227.00	1368.05	3647.65	-20142.80	-972.79
111	8	10.75	16.20	1	-0.16	-60310.80	-3824.11	3289.91	-5456.59	-27919.50	-1693.54
111	8	10.75	16.20	±	-0.16	1674.15	64652.20	1700.22	3961.14	240282.00	1102.24
111	8	10.75	16.20	2	-0.16	-60292.40	-4292.83	3277.91	-5428.25	-29306.40	-1682.88
111	8	10.75	16.20	±	-0.16	1854.49	71303.00	1879.38	4378.52	264867.00	1221.05
111	8	10.75	16.20	3	-0.16	-60310.80	-3824.11	3289.91	-5456.59	-27919.50	-1693.54
111	8	10.75	16.20	±	-0.16	-622.14	49532.50	0.50	16.06	202478.00	922.63
111	8	10.75	16.20	4	-0.16	-60292.40	-4292.83	3277.91	-5428.25	-29306.40	-1682.88
111	8	10.75	16.20	±	-0.16	-696.91	54270.60	-8.85	-4.22	222056.00	1005.81
111	8	10.75	16.20	5	-0.16	-60310.80	-3824.11	3289.91	-5456.59	-27919.50	-1693.54
111	8	10.75	16.20	±	-0.16	3984.96	42327.10	3087.97	7171.71	129421.00	603.09
111	8	10.75	16.20	6	-0.16	-60292.40	-4292.83	3277.91	-5428.25	-29306.40	-1682.88
111	8	10.75	16.20	±	-0.16	4425.98	47223.40	3427.64	7960.71	144389.00	692.76
111	8	10.75	16.20	7	-0.16	-60310.80	-3824.11	3289.91	-5456.59	-27919.50	-1693.54
111	8	10.75	16.20	±	-0.16	3669.36	8071.69	2577.76	5978.55	-3407.04	-4.37
111	8	10.75	16.20	8	-0.16	-60292.40	-4292.83	3277.91	-5428.25	-29306.40	-1682.88
111	8	10.75	16.20	±	-0.16	4078.71	9551.30	2866.48	6648.42	-1687.81	24.70
111	8	10.75	16.20	9	-0.16	-60680.00	5574.03	3530.44	-6024.88	-111.40	-1907.25
111	8	10.75	16.20	±	-0.16	1674.15	64652.20	1700.22	3961.14	240282.00	1102.24
111	8	10.75	16.20	10	-0.16	-60698.40	6042.75	3542.44	-6053.23	1275.48	-1917.90
111	8	10.75	16.20	±	-0.16	1854.49	71303.00	1879.38	4378.52	264867.00	1221.05
111	8	10.75	16.20	11	-0.16	-60680.00	5574.03	3530.44	-6024.88	-111.40	-1907.25
111	8	10.75	16.20	±	-0.16	-622.14	49532.50	0.50	16.06	202478.00	922.63
111	8	10.75	16.20	12	-0.16	-60698.40	6042.75	3542.44	-6053.23	1275.48	-1917.90
111	8	10.75	16.20	±	-0.16	-696.91	54270.60	-8.85	-4.22	222056.00	1005.81
111	8	10.75	16.20	13	-0.16	-60680.00	5574.03	3530.44	-6024.88	-111.40	-1907.25
111	8	10.75	16.20	±	-0.16	3984.96	42327.10	3087.97	7171.71	129421.00	603.09
111	8	10.75	16.20	14	-0.16	-60698.40	6042.75	3542.44	-6053.23	1275.48	-1917.90
111	8	10.75	16.20	±	-0.16	4425.98	47223.40	3427.64	7960.71	144389.00	692.76
111	8	10.75	16.20	15	-0.16	-60680.00	5574.03	3530.44	-6024.88	-111.40	-1907.25
111	8	10.75	16.20	±	-0.16	3669.36	8071.69	2577.76	5978.55	-3407.04	-4.37
111	8	10.75	16.20	16	-0.16	-60698.40	6042.75	3542.44	-6053.23	1275.48	-1917.90
111	8	10.75	16.20	±	-0.16	4078.71	9551.30	2866.48	6648.42	-1687.81	24.70
111	8	10.75	16.20	17	-0.16	-92975.60	8909.42	5622.48	-9348.14	3522.92	-2838.85
111	8	10.75	16.20	18	-0.16	-92882.00	-5675.83	5433.94	-8905.08	-49825.40	-3093.77
111	8	10.75	16.20	19	-0.16	-93289.60	3021.03	5807.34	-9770.41	-20055.40	-2939.30
111	8	10.75	16.20	20	-0.16	-92568.00	212.56	5249.08	-8482.81	-26247.00	-2993.31
111	8	10.75	16.20	21	-0.16	-66270.30	8497.44	3932.69	-6560.78	10409.20	-1932.18
111	8	10.75	16.20	22	-0.16	-66176.70	-6087.80	3744.15	-6117.73	-42939.10	-2187.10
111	8	10.75	16.20	23	-0.16	-66584.30	2609.05	4117.55	-6983.06	-13169.20	-2032.64
111	8	10.75	16.20	24	-0.16	-65862.70	-199.41	3559.29	-5695.45	-19360.80	-2086.65
111	8	10.75	16.20	25	-0.16	-61923.50	8249.40	3612.31	-6112.72	12115.60	-1737.72
111	8	10.75	16.20	26	-0.16	-61829.90	-6335.84	3423.77	-5669.66	-41232.70	-1992.64
111	8	10.75	16.20	27	-0.16	-62237.50	2361.01	3797.17	-6534.99	-11462.80	-1838.18
111	8	10.75	16.20	28	-0.16	-61515.90	-447.45	3238.91	-5247.39	-17654.40	-1892.19
111	8	10.75	16.20	29	-0.16	-60542.20	8167.58	3504.44	-5962.27	12658.70	-1672.93
111	8	10.75	16.20	30	-0.16	-60448.60	-6417.66	3315.91	-5519.21	-40689.60	-1927.85
111	8	10.75	16.20	31	-0.16	-60856.20	2279.19	3689.31	-6384.54	-10919.60	-1773.39

111	8	10.75	16.20	32	-0.16	-60134.60	-529.27	3131.04	-5096.94	-17111.20	-1827.40
111	8	10.75	16.20	1	0.34	-60310.80	-3824.11	3289.91	-5456.59	-27919.50	-1693.54
111	8	10.75	16.20	±	0.34	1674.15	64652.20	1700.22	3961.14	240282.00	1102.24
111	8	10.75	16.20	2	0.34	-60292.40	-4292.83	3277.91	-5428.25	-29306.40	-1682.88
111	8	10.75	16.20	±	0.34	1854.49	71303.00	1879.38	4378.52	264867.00	1221.05
111	8	10.75	16.20	3	0.34	-60310.80	-3824.11	3289.91	-5456.59	-27919.50	-1693.54
111	8	10.75	16.20	±	0.34	-622.14	49532.50	0.50	16.06	202478.00	922.63
111	8	10.75	16.20	4	0.34	-60292.40	-4292.83	3277.91	-5428.25	-29306.40	-1682.88
111	8	10.75	16.20	±	0.34	-696.91	54270.60	-8.85	-4.22	222056.00	1005.81
111	8	10.75	16.20	5	0.34	-60310.80	-3824.11	3289.91	-5456.59	-27919.50	-1693.54
111	8	10.75	16.20	±	0.34	3984.96	42327.10	3087.97	7171.71	129421.00	603.09
111	8	10.75	16.20	6	0.34	-60292.40	-4292.83	3277.91	-5428.25	-29306.40	-1682.88
111	8	10.75	16.20	±	0.34	4425.98	47223.40	3427.64	7960.71	144389.00	692.76
111	8	10.75	16.20	7	0.34	-60310.80	-3824.11	3289.91	-5456.59	-27919.50	-1693.54
111	8	10.75	16.20	±	0.34	3669.36	8071.69	2577.76	5978.55	-3407.04	-4.37
111	8	10.75	16.20	8	0.34	-60292.40	-4292.83	3277.91	-5428.25	-29306.40	-1682.88
111	8	10.75	16.20	±	0.34	4078.71	9551.30	2866.48	6648.42	-1687.81	24.70
111	8	10.75	16.20	9	0.34	-60680.00	5574.03	3530.44	-6024.88	-111.40	-1907.25
111	8	10.75	16.20	±	0.34	1674.15	64652.20	1700.22	3961.14	240282.00	1102.24
111	8	10.75	16.20	10	0.34	-60698.40	6042.75	3542.44	-6053.23	1275.48	-1917.90
111	8	10.75	16.20	±	0.34	1854.49	71303.00	1879.38	4378.52	264867.00	1221.05
111	8	10.75	16.20	11	0.34	-60680.00	5574.03	3530.44	-6024.88	-111.40	-1907.25
111	8	10.75	16.20	±	0.34	-622.14	49532.50	0.50	16.06	202478.00	922.63
111	8	10.75	16.20	12	0.34	-60698.40	6042.75	3542.44	-6053.23	1275.48	-1917.90
111	8	10.75	16.20	±	0.34	-696.91	54270.60	-8.85	-4.22	222056.00	1005.81
111	8	10.75	16.20	13	0.34	-60680.00	5574.03	3530.44	-6024.88	-111.40	-1907.25
111	8	10.75	16.20	±	0.34	3984.96	42327.10	3087.97	7171.71	129421.00	603.09
111	8	10.75	16.20	14	0.34	-60698.40	6042.75	3542.44	-6053.23	1275.48	-1917.90
111	8	10.75	16.20	±	0.34	4425.98	47223.40	3427.64	7960.71	144389.00	692.76
111	8	10.75	16.20	15	0.34	-60680.00	5574.03	3530.44	-6024.88	-111.40	-1907.25
111	8	10.75	16.20	±	0.34	3669.36	8071.69	2577.76	5978.55	-3407.04	-4.37
111	8	10.75	16.20	16	0.34	-60698.40	6042.75	3542.44	-6053.23	1275.48	-1917.90
111	8	10.75	16.20	±	0.34	4078.71	9551.30	2866.48	6648.42	-1687.81	24.70
111	8	10.75	16.20	17	0.34	-92975.60	8909.42	5622.48	-9348.14	3522.92	-2838.85
111	8	10.75	16.20	18	0.34	-92882.00	-5675.83	5433.94	-8905.08	-49825.40	-3093.77
111	8	10.75	16.20	19	0.34	-93289.60	3021.03	5807.34	-9770.41	-20055.40	-2939.30
111	8	10.75	16.20	20	0.34	-92568.00	212.56	5249.08	-8482.81	-26247.00	-2993.31
111	8	10.75	16.20	21	0.34	-66270.30	8497.44	3932.69	-6560.78	10409.20	-1932.18
111	8	10.75	16.20	22	0.34	-66176.70	-6087.80	3744.15	-6117.73	-42939.10	-2187.10
111	8	10.75	16.20	23	0.34	-66584.30	2609.05	4117.55	-6983.06	-13169.20	-2032.64
111	8	10.75	16.20	24	0.34	-65862.70	-199.41	3559.29	-5695.45	-19360.80	-2086.65
111	8	10.75	16.20	25	0.34	-61923.50	8249.40	3612.31	-6112.72	12115.60	-1737.72
111	8	10.75	16.20	26	0.34	-61829.90	-6335.84	3423.77	-5669.66	-41232.70	-1992.64
111	8	10.75	16.20	27	0.34	-62237.50	2361.01	3797.17	-6534.99	-11462.80	-1838.18
111	8	10.75	16.20	28	0.34	-61515.90	-447.45	3238.91	-5247.39	-17654.40	-1892.19
111	8	10.75	16.20	29	0.34	-60542.20	8167.58	3504.44	-5962.27	12658.70	-1672.93
111	8	10.75	16.20	30	0.34	-60448.60	-6417.66	3315.91	-5519.21	-40689.60	-1927.85
111	8	10.75	16.20	31	0.34	-60856.20	2279.19	3689.31	-6384.54	-10919.60	-1773.39
111	8	10.75	16.20	32	0.34	-60134.60	-529.27	3131.04	-5096.94	-17111.20	-1827.40
111	9	10.75	16.20	1	0.34	-59956.90	-3823.24	3289.91	-3811.64	-27617.30	-2302.51
111	9	10.75	16.20	±	0.34	1837.07	64650.00	1700.22	3111.04	224381.00	1157.87
111	9	10.75	16.20	2	0.34	-59938.60	-4291.94	3277.91	-3789.29	-28872.10	-2291.10
111	9	10.75	16.20	±	0.34	2034.68	71300.60	1879.38	3438.84	247323.00	1280.78
111	9	10.75	16.20	3	0.34	-59956.90	-3823.24	3289.91	-3811.64	-27617.30	-2302.51
111	9	10.75	16.20	±	0.34	-621.46	49530.80	0.50	15.80	191036.00	931.63
111	9	10.75	16.20	4	0.34	-59938.60	-4291.94	3277.91	-3789.29	-28872.10	-2291.10
111	9	10.75	16.20	±	0.34	-697.18	54268.70	-8.85	0.20	209529.00	1017.17
111	9	10.75	16.20	5	0.34	-59956.90	-3823.24	3289.91	-3811.64	-27617.30	-2302.51
111	9	10.75	16.20	±	0.34	4279.89	42325.80	3087.98	5627.76	117886.00	690.50
111	9	10.75	16.20	6	0.34	-59938.60	-4291.94	3277.91	-3789.29	-28872.10	-2291.10
111	9	10.75	16.20	±	0.34	4753.74	47221.90	3427.64	6246.93	131517.00	784.05
111	9	10.75	16.20	7	0.34	-59956.90	-3823.24	3289.91	-3811.64	-27617.30	-2302.51
111	9	10.75	16.20	±	0.34	3915.20	8071.56	2577.76	4689.70	-6738.66	63.65
111	9	10.75	16.20	8	0.34	-59938.60	-4291.94	3277.91	-3789.29	-28872.10	-2291.10
111	9	10.75	16.20	±	0.34	4352.49	9551.14	2866.48	5215.22	-5538.17	94.66
111	9	10.75	16.20	9	0.34	-60323.00	5574.61	3530.44	-4259.66	-2456.38	-2531.23
111	9	10.75	16.20	±	0.34	1837.07	64650.00	1700.22	3111.04	224381.00	1157.87
111	9	10.75	16.20	10	0.34	-60341.30	6043.31	3542.44	-4282.01	-1201.52	-2542.64
111	9	10.75	16.20	±	0.34	2034.68	71300.60	1879.38	3438.84	247323.00	1280.78
111	9	10.75	16.20	11	0.34	-60323.00	5574.61	3530.44	-4259.66	-2456.38	-2531.23
111	9	10.75	16.20	±	0.34	-621.46	49530.80	0.50	15.80	191036.00	931.63
111	9	10.75	16.20	12	0.34	-60341.30	6043.31	3542.44	-4282.01	-1201.52	-2542.64
111	9	10.75	16.20	±	0.34	-697.18	54268.70	-8.85	0.20	209529.00	1017.17
111	9	10.75	16.20	13	0.34	-60323.00	5574.61	3530.44	-4259.66	-2456.38	-2531.23
111	9	10.75	16.20	±	0.34	4279.89	42325.80	3087.98	5627.76	117886.00	690.50
111	9	10.75	16.20	14	0.34	-60341.30	6043.31	3542.44	-4282.01	-1201.52	-2542.64
111	9	10.75	16.20	±	0.34	4753.74	47221.90	3427.64	6246.93	131517.00	784.05
111	9	10.75	16.20	15	0.34	-60323.00	5574.61	3530.44	-4259.66	-2456.38	-2531.23
111	9	10.75	16.20	±	0.34	3915.20	8071.56	2577.76	4689.70	-6738.66	63.65
111	9	10.75	16.20	16	0.34	-60341.30	6043.31	3542.44	-4282.01	-1201.52	-2542.64
111	9	10.75	16.20	±	0.34	4352.49	9551.14	2866.48	5215.22	-5538.17	94.66
111	9	10.75	16.20	17	0.34	-92608.80	8910.32	5622.48	-6536.90	-32.10	-3802.49

111	9	10.75	16.20	18	0.34	-92495.30	-5674.43	5433.94	-6188.11	-49732.30	-4066.51
111	9	10.75	16.20	19	0.34	-92942.60	3022.14	5807.34	-6866.74	-22210.10	-3924.39
111	9	10.75	16.20	20	0.34	-92161.40	213.74	5249.08	-5858.27	-27554.30	-3944.60
111	9	10.75	16.20	21	0.34	-65994.40	8497.88	3932.69	-4594.44	7345.17	-2601.56
111	9	10.75	16.20	22	0.34	-65880.90	-6086.87	3744.15	-4245.65	-42355.00	-2865.58
111	9	10.75	16.20	23	0.34	-66328.30	2609.70	4117.55	-4924.28	-14832.80	-2723.46
111	9	10.75	16.20	24	0.34	-65547.00	-198.69	3559.29	-3915.81	-20177.00	-2743.67
111	9	10.75	16.20	25	0.34	-61594.50	8249.87	3612.31	-4306.57	9216.70	-2364.00
111	9	10.75	16.20	26	0.34	-61481.00	-6334.88	3423.77	-3957.78	-40483.50	-2628.01
111	9	10.75	16.20	27	0.34	-61928.40	2361.70	3797.17	-4636.41	-12961.30	-2485.90
111	9	10.75	16.20	28	0.34	-61147.10	-446.70	3238.91	-3627.94	-18305.50	-2506.11
111	9	10.75	16.20	29	0.34	-60196.70	8168.06	3504.44	-4210.04	9813.27	-2284.86
111	9	10.75	16.20	30	0.34	-60083.20	-6416.69	3315.91	-3861.26	-39886.90	-2548.88
111	9	10.75	16.20	31	0.34	-60530.60	2279.88	3689.31	-4539.89	-12364.70	-2406.77
111	9	10.75	16.20	32	0.34	-59749.30	-528.51	3131.04	-3531.41	-17708.90	-2426.98
111	9	10.75	16.20	1	0.84	-59956.90	-3823.24	3289.91	-3811.64	-27617.30	-2302.51
111	9	10.75	16.20	±	0.84	1837.07	64650.00	1700.22	3111.04	224381.00	1157.87
111	9	10.75	16.20	2	0.84	-59938.60	-4291.94	3277.91	-3789.29	-28872.10	-2291.10
111	9	10.75	16.20	±	0.84	2034.68	71300.60	1879.38	3438.84	247323.00	1280.78
111	9	10.75	16.20	3	0.84	-59956.90	-3823.24	3289.91	-3811.64	-27617.30	-2302.51
111	9	10.75	16.20	±	0.84	-621.46	49530.80	0.50	15.80	191036.00	931.63
111	9	10.75	16.20	4	0.84	-59938.60	-4291.94	3277.91	-3789.29	-28872.10	-2291.10
111	9	10.75	16.20	±	0.84	-697.18	54268.70	-8.85	0.20	209529.00	1017.17
111	9	10.75	16.20	5	0.84	-59956.90	-3823.24	3289.91	-3811.64	-27617.30	-2302.51
111	9	10.75	16.20	±	0.84	4279.89	42325.80	3087.98	5627.76	117886.00	690.50
111	9	10.75	16.20	6	0.84	-59938.60	-4291.94	3277.91	-3789.29	-28872.10	-2291.10
111	9	10.75	16.20	±	0.84	4753.74	47221.90	3427.64	6246.93	131517.00	784.05
111	9	10.75	16.20	7	0.84	-59956.90	-3823.24	3289.91	-3811.64	-27617.30	-2302.51
111	9	10.75	16.20	±	0.84	3915.20	8071.56	2577.76	4689.70	-6738.66	63.65
111	9	10.75	16.20	8	0.84	-59938.60	-4291.94	3277.91	-3789.29	-28872.10	-2291.10
111	9	10.75	16.20	±	0.84	4352.49	9551.14	2866.48	5215.22	-5538.17	94.66
111	9	10.75	16.20	9	0.84	-60323.00	5574.61	3530.44	-4259.66	-2456.38	-2531.23
111	9	10.75	16.20	±	0.84	1837.07	64650.00	1700.22	3111.04	224381.00	1157.87
111	9	10.75	16.20	10	0.84	-60341.30	6043.31	3542.44	-4282.01	-1201.52	-2542.64
111	9	10.75	16.20	±	0.84	2034.68	71300.60	1879.38	3438.84	247323.00	1280.78
111	9	10.75	16.20	11	0.84	-60323.00	5574.61	3530.44	-4259.66	-2456.38	-2531.23
111	9	10.75	16.20	±	0.84	-621.46	49530.80	0.50	15.80	191036.00	931.63
111	9	10.75	16.20	12	0.84	-60341.30	6043.31	3542.44	-4282.01	-1201.52	-2542.64
111	9	10.75	16.20	±	0.84	-697.18	54268.70	-8.85	0.20	209529.00	1017.17
111	9	10.75	16.20	13	0.84	-60323.00	5574.61	3530.44	-4259.66	-2456.38	-2531.23
111	9	10.75	16.20	±	0.84	4279.89	42325.80	3087.98	5627.76	117886.00	690.50
111	9	10.75	16.20	14	0.84	-60341.30	6043.31	3542.44	-4282.01	-1201.52	-2542.64
111	9	10.75	16.20	±	0.84	4753.74	47221.90	3427.64	6246.93	131517.00	784.05
111	9	10.75	16.20	15	0.84	-60323.00	5574.61	3530.44	-4259.66	-2456.38	-2531.23
111	9	10.75	16.20	±	0.84	3915.20	8071.56	2577.76	4689.70	-6738.66	63.65
111	9	10.75	16.20	16	0.84	-60341.30	6043.31	3542.44	-4282.01	-1201.52	-2542.64
111	9	10.75	16.20	±	0.84	4352.49	9551.14	2866.48	5215.22	-5538.17	94.66
111	9	10.75	16.20	17	0.84	-92608.80	8910.32	5622.48	-6536.90	-32.10	-3802.49
111	9	10.75	16.20	18	0.84	-92495.30	-5674.43	5433.94	-6188.11	-49732.30	-4066.51
111	9	10.75	16.20	19	0.84	-92942.60	3022.14	5807.34	-6866.74	-22210.10	-3924.39
111	9	10.75	16.20	20	0.84	-92161.40	213.74	5249.08	-5858.27	-27554.30	-3944.60
111	9	10.75	16.20	21	0.84	-65994.40	8497.88	3932.69	-4594.44	7345.17	-2601.56
111	9	10.75	16.20	22	0.84	-65880.90	-6086.87	3744.15	-4245.65	-42355.00	-2865.58
111	9	10.75	16.20	23	0.84	-66328.30	2609.70	4117.55	-4924.28	-14832.80	-2723.46
111	9	10.75	16.20	24	0.84	-65547.00	-198.69	3559.29	-3915.81	-20177.00	-2743.67
111	9	10.75	16.20	25	0.84	-61594.50	8249.87	3612.31	-4306.57	9216.70	-2364.00
111	9	10.75	16.20	26	0.84	-61481.00	-6334.88	3423.77	-3957.78	-40483.50	-2628.01
111	9	10.75	16.20	27	0.84	-61928.40	2361.70	3797.17	-4636.41	-12961.30	-2485.90
111	9	10.75	16.20	28	0.84	-61147.10	-446.70	3238.91	-3627.94	-18305.50	-2506.11
111	9	10.75	16.20	29	0.84	-60196.70	8168.06	3504.44	-4210.04	9813.27	-2284.86
111	9	10.75	16.20	30	0.84	-60083.20	-6416.69	3315.91	-3861.26	-39886.90	-2548.88
111	9	10.75	16.20	31	0.84	-60530.60	2279.88	3689.31	-4539.89	-12364.70	-2406.77
111	9	10.75	16.20	32	0.84	-59749.30	-528.51	3131.04	-3531.41	-17708.90	-2426.98
111	10	10.75	16.20	1	0.84	-59279.70	-3822.35	3289.91	-2166.69	-26285.50	-2251.40
111	10	10.75	16.20	±	0.84	1830.21	64649.50	1700.22	2260.95	196649.00	1139.98
111	10	10.75	16.20	2	0.84	-59261.50	-4291.05	3277.91	-2150.34	-27336.70	-2239.87
111	10	10.75	16.20	±	0.84	2027.16	71300.10	1879.38	2499.17	216740.00	1261.12
111	10	10.75	16.20	3	0.84	-59279.70	-3822.35	3289.91	-2166.69	-26285.50	-2251.40
111	10	10.75	16.20	±	0.84	-629.86	49530.40	0.50	15.54	169899.00	909.76
111	10	10.75	16.20	4	0.84	-59261.50	-4291.05	3277.91	-2150.34	-27336.70	-2239.87
111	10	10.75	16.20	±	0.84	-706.43	54268.20	-8.85	4.60	186369.00	993.10
111	10	10.75	16.20	5	0.84	-59279.70	-3822.35	3289.91	-2166.69	-26285.50	-2251.40
111	10	10.75	16.20	±	0.84	4280.17	42325.50	3087.98	4083.82	99564.70	691.17
111	10	10.75	16.20	6	0.84	-59261.50	-4291.05	3277.91	-2150.34	-27336.70	-2239.87
111	10	10.75	16.20	±	0.84	4754.09	47221.60	3427.64	4533.18	111084.00	784.84
111	10	10.75	16.20	7	0.84	-59279.70	-3822.35	3289.91	-2166.69	-26285.50	-2251.40
111	10	10.75	16.20	±	0.84	3920.06	8071.58	2577.76	3400.88	-10399.60	76.25
111	10	10.75	16.20	8	0.84	-59261.50	-4291.05	3277.91	-2150.34	-27336.70	-2239.87
111	10	10.75	16.20	±	0.84	4357.88	9551.15	2866.48	3782.05	-9848.02	108.57
111	10	10.75	16.20	9	0.84	-59644.60	5575.42	3530.44	-2494.44	-5207.78	-2482.58
111	10	10.75	16.20	±	0.84	1830.21	64649.50	1700.22	2260.95	196649.00	1139.98
111	10	10.75	16.20	10	0.84	-59662.70	6044.12	3542.44	-2510.79	-4156.56	-2494.11

111	10	10.75	16.20	±	0.84	2027.16	71300.10	1879.38	2499.17	216740.00	1261.12
111	10	10.75	16.20	11	0.84	-59644.60	5575.42	3530.44	-2494.44	-5207.78	-2482.58
111	10	10.75	16.20	±	0.84	-629.86	49530.40	0.50	15.54	169899.00	909.76
111	10	10.75	16.20	12	0.84	-59662.70	6044.12	3542.44	-2510.79	-4156.56	-2494.11
111	10	10.75	16.20	±	0.84	-706.43	54268.20	-8.85	4.60	186369.00	993.10
111	10	10.75	16.20	13	0.84	-59644.60	5575.42	3530.44	-2494.44	-5207.78	-2482.58
111	10	10.75	16.20	±	0.84	4280.17	42325.50	3087.98	4083.82	99564.70	691.17
111	10	10.75	16.20	14	0.84	-59662.70	6044.12	3542.44	-2510.79	-4156.56	-2494.11
111	10	10.75	16.20	±	0.84	4754.09	47221.60	3427.64	4533.18	111084.00	784.84
111	10	10.75	16.20	15	0.84	-59644.60	5575.42	3530.44	-2494.44	-5207.78	-2482.58
111	10	10.75	16.20	±	0.84	3920.06	8071.58	2577.76	3400.88	-10399.60	76.25
111	10	10.75	16.20	16	0.84	-59662.70	6044.12	3542.44	-2510.79	-4156.56	-2494.11
111	10	10.75	16.20	±	0.84	4357.88	9551.15	2866.48	3782.05	-9848.02	108.57
111	10	10.75	16.20	17	0.84	-91746.20	8911.60	5622.48	-3725.66	-4391.04	-3726.26
111	10	10.75	16.20	18	0.84	-91634.50	-5673.05	5433.94	-3471.14	-47824.40	-3985.39
111	10	10.75	16.20	19	0.84	-92081.40	3023.47	5807.34	-3963.07	-24058.60	-3846.28
111	10	10.75	16.20	20	0.84	-91299.30	215.08	5249.08	-3233.73	-28156.80	-3865.36
111	10	10.75	16.20	21	0.84	-65328.20	8498.64	3932.69	-2628.10	3322.97	-2549.34
111	10	10.75	16.20	22	0.84	-65216.50	-6086.01	3744.15	-2373.58	-40110.40	-2808.47
111	10	10.75	16.20	23	0.84	-65663.40	2610.51	4117.55	-2865.51	-16344.60	-2669.36
111	10	10.75	16.20	24	0.84	-64881.30	-197.88	3559.29	-2136.17	-20442.80	-2688.44
111	10	10.75	16.20	25	0.84	-60918.80	8250.66	3612.31	-2500.41	5329.17	-2315.36
111	10	10.75	16.20	26	0.84	-60807.20	-6333.99	3423.77	-2245.89	-38104.10	-2574.49
111	10	10.75	16.20	27	0.84	-61254.00	2362.53	3797.17	-2737.82	-14338.40	-2435.38
111	10	10.75	16.20	28	0.84	-60471.90	-445.86	3238.91	-2008.48	-18436.60	-2454.47
111	10	10.75	16.20	29	0.84	-59517.90	8168.86	3504.44	-2457.82	5970.03	-2237.42
111	10	10.75	16.20	30	0.84	-59406.30	-6415.79	3315.91	-2203.30	-37463.30	-2496.55
111	10	10.75	16.20	31	0.84	-59853.20	2280.73	3689.31	-2695.23	-13697.50	-2357.45
111	10	10.75	16.20	32	0.84	-59071.10	-527.66	3131.04	-1965.89	-17795.80	-2376.53
111	10	10.75	16.20	1	1.34	-59279.70	-3822.35	3289.91	-2166.69	-26285.50	-2251.40
111	10	10.75	16.20	±	1.34	1830.21	64649.50	1700.22	2260.95	196649.00	1139.98
111	10	10.75	16.20	2	1.34	-59261.50	-4291.05	3277.91	-2150.34	-27336.70	-2239.87
111	10	10.75	16.20	±	1.34	2027.16	71300.10	1879.38	2499.17	216740.00	1261.12
111	10	10.75	16.20	3	1.34	-59279.70	-3822.35	3289.91	-2166.69	-26285.50	-2251.40
111	10	10.75	16.20	±	1.34	-629.86	49530.40	0.50	15.54	169899.00	909.76
111	10	10.75	16.20	4	1.34	-59261.50	-4291.05	3277.91	-2150.34	-27336.70	-2239.87
111	10	10.75	16.20	±	1.34	-706.43	54268.20	-8.85	4.60	186369.00	993.10
111	10	10.75	16.20	5	1.34	-59279.70	-3822.35	3289.91	-2166.69	-26285.50	-2251.40
111	10	10.75	16.20	±	1.34	4280.17	42325.50	3087.98	4083.82	99564.70	691.17
111	10	10.75	16.20	6	1.34	-59261.50	-4291.05	3277.91	-2150.34	-27336.70	-2239.87
111	10	10.75	16.20	±	1.34	4754.09	47221.60	3427.64	4533.18	111084.00	784.84
111	10	10.75	16.20	7	1.34	-59279.70	-3822.35	3289.91	-2166.69	-26285.50	-2251.40
111	10	10.75	16.20	±	1.34	3920.06	8071.58	2577.76	3400.88	-10399.60	76.25
111	10	10.75	16.20	8	1.34	-59261.50	-4291.05	3277.91	-2150.34	-27336.70	-2239.87
111	10	10.75	16.20	±	1.34	4357.88	9551.15	2866.48	3782.05	-9848.02	108.57
111	10	10.75	16.20	9	1.34	-59644.60	5575.42	3530.44	-2494.44	-5207.78	-2482.58
111	10	10.75	16.20	±	1.34	1830.21	64649.50	1700.22	2260.95	196649.00	1139.98
111	10	10.75	16.20	10	1.34	-59662.70	6044.12	3542.44	-2510.79	-4156.56	-2494.11
111	10	10.75	16.20	±	1.34	2027.16	71300.10	1879.38	2499.17	216740.00	1261.12
111	10	10.75	16.20	11	1.34	-59644.60	5575.42	3530.44	-2494.44	-5207.78	-2482.58
111	10	10.75	16.20	±	1.34	-629.86	49530.40	0.50	15.54	169899.00	909.76
111	10	10.75	16.20	12	1.34	-59662.70	6044.12	3542.44	-2510.79	-4156.56	-2494.11
111	10	10.75	16.20	±	1.34	-706.43	54268.20	-8.85	4.60	186369.00	993.10
111	10	10.75	16.20	13	1.34	-59644.60	5575.42	3530.44	-2494.44	-5207.78	-2482.58
111	10	10.75	16.20	±	1.34	4280.17	42325.50	3087.98	4083.82	99564.70	691.17
111	10	10.75	16.20	14	1.34	-59662.70	6044.12	3542.44	-2510.79	-4156.56	-2494.11
111	10	10.75	16.20	±	1.34	4754.09	47221.60	3427.64	4533.18	111084.00	784.84
111	10	10.75	16.20	15	1.34	-59644.60	5575.42	3530.44	-2494.44	-5207.78	-2482.58
111	10	10.75	16.20	±	1.34	3920.06	8071.58	2577.76	3400.88	-10399.60	76.25
111	10	10.75	16.20	16	1.34	-59662.70	6044.12	3542.44	-2510.79	-4156.56	-2494.11
111	10	10.75	16.20	±	1.34	4357.88	9551.15	2866.48	3782.05	-9848.02	108.57
111	10	10.75	16.20	17	1.34	-91746.20	8911.60	5622.48	-3725.66	-4391.04	-3726.26
111	10	10.75	16.20	18	1.34	-91634.50	-5673.05	5433.94	-3471.14	-47824.40	-3985.39
111	10	10.75	16.20	19	1.34	-92081.40	3023.47	5807.34	-3963.07	-24058.60	-3846.28
111	10	10.75	16.20	20	1.34	-91299.30	215.08	5249.08	-3233.73	-28156.80	-3865.36
111	10	10.75	16.20	21	1.34	-65328.20	8498.64	3932.69	-2628.10	3322.97	-2549.34
111	10	10.75	16.20	22	1.34	-65216.50	-6086.01	3744.15	-2373.58	-40110.40	-2808.47
111	10	10.75	16.20	23	1.34	-65663.40	2610.51	4117.55	-2865.51	-16344.60	-2669.36
111	10	10.75	16.20	24	1.34	-64881.30	-197.88	3559.29	-2136.17	-20442.80	-2688.44
111	10	10.75	16.20	25	1.34	-60918.80	8250.66	3612.31	-2500.41	5329.17	-2315.36
111	10	10.75	16.20	26	1.34	-60807.20	-6333.99	3423.77	-2245.89	-38104.10	-2574.49
111	10	10.75	16.20	27	1.34	-61254.00	2362.53	3797.17	-2737.82	-14338.40	-2435.38
111	10	10.75	16.20	28	1.34	-60471.90	-445.86	3238.91	-2008.48	-18436.60	-2454.47
111	10	10.75	16.20	29	1.34	-59517.90	8168.86	3504.44	-2457.82	5970.03	-2237.42
111	10	10.75	16.20	30	1.34	-59406.30	-6415.79	3315.91	-2203.30	-37463.30	-2496.55
111	10	10.75	16.20	31	1.34	-59853.20	2280.73	3689.31	-2695.23	-13697.50	-2357.45
111	10	10.75	16.20	32	1.34	-59071.10	-527.66	3131.04	-1965.89	-17795.80	-2376.53
111	11	10.75	16.20	1	1.34	-58471.00	-3821.32	3289.91	-521.73	-24504.60	-2242.73
111	11	10.75	16.20	±	1.34	1947.37	64649.50	1700.22	1410.88	166378.00	1139.68
111	11	10.75	16.20	2	1.34	-58452.10	-4290.02	3277.91	-511.38	-25336.10	-2231.21
111	11	10.75	16.20	±	1.34	2155.98	71300.00	1879.38	1559.53	183359.00	1260.82
111	11	10.75	16.20	3	1.34	-58471.00	-3821.32	3289.91	-521.73	-24504.60	-2242.73

111	11	10.75	16.20	±	1.34	-527.32	49530.30	0.50	15.25	146634.00	910.69
111	11	10.75	16.20	4	1.34	-58452.10	-4290.02	3277.91	-511.38	-25336.10	-2231.21
111	11	10.75	16.20	±	1.34	-593.75	54268.10	-8.85	8.98	160874.00	994.10
111	11	10.75	16.20	5	1.34	-58471.00	-3821.32	3289.91	-521.73	-24504.60	-2242.73
111	11	10.75	16.20	±	1.34	4337.49	42325.60	3087.98	2539.96	79858.10	689.21
111	11	10.75	16.20	6	1.34	-58452.10	-4290.02	3277.91	-511.38	-25336.10	-2231.21
111	11	10.75	16.20	±	1.34	4817.22	47221.70	3427.64	2819.52	89109.30	782.77
111	11	10.75	16.20	7	1.34	-58471.00	-3821.32	3289.91	-521.73	-24504.60	-2242.73
111	11	10.75	16.20	±	1.34	3911.48	8071.68	2577.76	2112.12	-14045.50	74.09
111	11	10.75	16.20	8	1.34	-58452.10	-4290.02	3277.91	-511.38	-25336.10	-2231.21
111	11	10.75	16.20	±	1.34	4348.55	9551.26	2866.48	2348.97	-14160.60	106.29
111	11	10.75	16.20	9	1.34	-58849.20	5576.44	3530.44	-729.22	-7832.31	-2473.59
111	11	10.75	16.20	±	1.34	1947.37	64649.50	1700.22	1410.88	166378.00	1139.68
111	11	10.75	16.20	10	1.34	-58868.10	6045.14	3542.44	-739.57	-7000.80	-2485.10
111	11	10.75	16.20	±	1.34	2155.98	71300.00	1879.38	1559.53	183359.00	1260.82
111	11	10.75	16.20	11	1.34	-58849.20	5576.44	3530.44	-729.22	-7832.31	-2473.59
111	11	10.75	16.20	±	1.34	-527.32	49530.30	0.50	15.25	146634.00	910.69
111	11	10.75	16.20	12	1.34	-58868.10	6045.14	3542.44	-739.57	-7000.80	-2485.10
111	11	10.75	16.20	±	1.34	-593.75	54268.10	-8.85	8.98	160874.00	994.10
111	11	10.75	16.20	13	1.34	-58849.20	5576.44	3530.44	-729.22	-7832.31	-2473.59
111	11	10.75	16.20	±	1.34	4337.49	42325.60	3087.98	2539.96	79858.10	689.21
111	11	10.75	16.20	14	1.34	-58868.10	6045.14	3542.44	-739.57	-7000.80	-2485.10
111	11	10.75	16.20	±	1.34	4817.22	47221.70	3427.64	2819.52	89109.30	782.77
111	11	10.75	16.20	15	1.34	-58849.20	5576.44	3530.44	-729.22	-7832.31	-2473.59
111	11	10.75	16.20	±	1.34	3911.48	8071.68	2577.76	2112.12	-14045.50	74.09
111	11	10.75	16.20	16	1.34	-58868.10	6045.14	3542.44	-739.57	-7000.80	-2485.10
111	11	10.75	16.20	±	1.34	4348.55	9551.26	2866.48	2348.97	-14160.60	106.29
111	11	10.75	16.20	17	1.34	-90706.00	8913.21	5622.48	-914.42	-8586.06	-3712.38
111	11	10.75	16.20	18	1.34	-90566.70	-5671.43	5433.94	-754.17	-45181.30	-3971.57
111	11	10.75	16.20	19	1.34	-91028.70	3025.10	5807.34	-1059.40	-25493.30	-3832.13
111	11	10.75	16.20	20	1.34	-90243.90	216.68	5249.08	-609.19	-28274.10	-3851.82
111	11	10.75	16.20	21	1.34	-64535.80	8499.64	3932.69	-661.76	-673.42	-2539.67
111	11	10.75	16.20	22	1.34	-64396.60	-6085.00	3744.15	-501.51	-37268.60	-2798.86
111	11	10.75	16.20	23	1.34	-64858.60	2611.53	4117.55	-806.74	-17580.60	-2659.42
111	11	10.75	16.20	24	1.34	-64073.80	-196.88	3559.29	-356.53	-20361.40	-2679.10
111	11	10.75	16.20	25	1.34	-60129.60	8251.68	3612.31	-694.26	1449.71	-2306.30
111	11	10.75	16.20	26	1.34	-59990.40	-6332.96	3423.77	-534.01	-35145.50	-2565.49
111	11	10.75	16.20	27	1.34	-60452.40	2363.56	3797.17	-839.24	-15457.50	-2426.05
111	11	10.75	16.20	28	1.34	-59667.60	-444.85	3238.91	-389.03	-18238.30	-2445.73
111	11	10.75	16.20	29	1.34	-58729.70	8169.88	3504.44	-705.60	2129.13	-2228.56
111	11	10.75	16.20	30	1.34	-58590.50	-6414.76	3315.91	-545.35	-34466.10	-2487.75
111	11	10.75	16.20	31	1.34	-59052.50	2281.77	3689.31	-850.58	-14778.10	-2348.32
111	11	10.75	16.20	32	1.34	-58267.70	-526.65	3131.04	-400.37	-17558.90	-2368.00
111	11	10.75	16.20	1	1.84	-58471.00	-3821.32	3289.91	-521.73	-24504.60	-2242.73
111	11	10.75	16.20	±	1.84	1947.37	64649.50	1700.22	1410.88	166378.00	1139.68
111	11	10.75	16.20	2	1.84	-58452.10	-4290.02	3277.91	-511.38	-25336.10	-2231.21
111	11	10.75	16.20	±	1.84	2155.98	71300.00	1879.38	1559.53	183359.00	1260.82
111	11	10.75	16.20	3	1.84	-58471.00	-3821.32	3289.91	-521.73	-24504.60	-2242.73
111	11	10.75	16.20	±	1.84	-527.32	49530.30	0.50	15.25	146634.00	910.69
111	11	10.75	16.20	4	1.84	-58452.10	-4290.02	3277.91	-511.38	-25336.10	-2231.21
111	11	10.75	16.20	±	1.84	-593.75	54268.10	-8.85	8.98	160874.00	994.10
111	11	10.75	16.20	5	1.84	-58471.00	-3821.32	3289.91	-521.73	-24504.60	-2242.73
111	11	10.75	16.20	±	1.84	4337.49	42325.60	3087.98	2539.96	79858.10	689.21
111	11	10.75	16.20	6	1.84	-58452.10	-4290.02	3277.91	-511.38	-25336.10	-2231.21
111	11	10.75	16.20	±	1.84	4817.22	47221.70	3427.64	2819.52	89109.30	782.77
111	11	10.75	16.20	7	1.84	-58471.00	-3821.32	3289.91	-521.73	-24504.60	-2242.73
111	11	10.75	16.20	±	1.84	3911.48	8071.68	2577.76	2112.12	-14045.50	74.09
111	11	10.75	16.20	8	1.84	-58452.10	-4290.02	3277.91	-511.38	-25336.10	-2231.21
111	11	10.75	16.20	±	1.84	4348.55	9551.26	2866.48	2348.97	-14160.60	106.29
111	11	10.75	16.20	9	1.84	-58849.20	5576.44	3530.44	-729.22	-7832.31	-2473.59
111	11	10.75	16.20	±	1.84	1947.37	64649.50	1700.22	1410.88	166378.00	1139.68
111	11	10.75	16.20	10	1.84	-58868.10	6045.14	3542.44	-739.57	-7000.80	-2485.10
111	11	10.75	16.20	±	1.84	2155.98	71300.00	1879.38	1559.53	183359.00	1260.82
111	11	10.75	16.20	11	1.84	-58849.20	5576.44	3530.44	-729.22	-7832.31	-2473.59
111	11	10.75	16.20	±	1.84	-527.32	49530.30	0.50	15.25	146634.00	910.69
111	11	10.75	16.20	12	1.84	-58868.10	6045.14	3542.44	-739.57	-7000.80	-2485.10
111	11	10.75	16.20	±	1.84	-593.75	54268.10	-8.85	8.98	160874.00	994.10
111	11	10.75	16.20	13	1.84	-58849.20	5576.44	3530.44	-729.22	-7832.31	-2473.59
111	11	10.75	16.20	±	1.84	4337.49	42325.60	3087.98	2539.96	79858.10	689.21
111	11	10.75	16.20	14	1.84	-58868.10	6045.14	3542.44	-739.57	-7000.80	-2485.10
111	11	10.75	16.20	±	1.84	4817.22	47221.70	3427.64	2819.52	89109.30	782.77
111	11	10.75	16.20	15	1.84	-58849.20	5576.44	3530.44	-729.22	-7832.31	-2473.59
111	11	10.75	16.20	±	1.84	3911.48	8071.68	2577.76	2112.12	-14045.50	74.09
111	11	10.75	16.20	16	1.84	-58868.10	6045.14	3542.44	-739.57	-7000.80	-2485.10
111	11	10.75	16.20	±	1.84	4348.55	9551.26	2866.48	2348.97	-14160.60	106.29
111	11	10.75	16.20	17	1.84	-90706.00	8913.21	5622.48	-914.42	-8586.06	-3712.38
111	11	10.75	16.20	18	1.84	-90566.70	-5671.43	5433.94	-754.17	-45181.30	-3971.57
111	11	10.75	16.20	19	1.84	-91028.70	3025.10	5807.34	-1059.40	-25493.30	-3832.13
111	11	10.75	16.20	20	1.84	-90243.90	216.68	5249.08	-609.19	-28274.10	-3851.82
111	11	10.75	16.20	21	1.84	-64535.80	8499.64	3932.69	-661.76	-673.42	-2539.67
111	11	10.75	16.20	22	1.84	-64396.60	-6085.00	3744.15	-501.51	-37268.60	-2798.86
111	11	10.75	16.20	23	1.84	-64858.60	2611.53	4117.55	-806.74	-17580.60	-2659.42

111	11	10.75	16.20	24	1.84	-64073.80	-196.88	3559.29	-356.53	-20361.40	-2679.10
111	11	10.75	16.20	25	1.84	-60129.60	8251.68	3612.31	-694.26	1449.71	-2306.30
111	11	10.75	16.20	26	1.84	-59990.40	-6332.96	3423.77	-534.01	-35145.50	-2565.49
111	11	10.75	16.20	27	1.84	-60452.40	2363.56	3797.17	-839.24	-15457.50	-2426.05
111	11	10.75	16.20	28	1.84	-59667.60	-444.85	3238.91	-389.03	-18238.30	-2445.73
111	11	10.75	16.20	29	1.84	-58729.70	8169.88	3504.44	-705.60	2129.13	-2228.56
111	11	10.75	16.20	30	1.84	-58590.50	-6414.76	3315.91	-545.35	-34466.10	-2487.75
111	11	10.75	16.20	31	1.84	-59052.50	2281.77	3689.31	-850.58	-14778.10	-2348.32
111	11	10.75	16.20	32	1.84	-58267.70	-526.65	3131.04	-400.37	-17558.90	-2368.00
111	12	10.75	16.20	1	1.84	-57660.30	-3820.12	3289.91	1123.22	-22724.80	-2248.84
111	12	10.75	16.20	±	1.84	1879.10	64649.70	1700.22	560.92	136342.00	1138.89
111	12	10.75	16.20	2	1.84	-57641.80	-4288.82	3277.91	1127.57	-23337.70	-2237.30
111	12	10.75	16.20	±	1.84	2080.87	71300.30	1879.38	620.04	150240.00	1259.92
111	12	10.75	16.20	3	1.84	-57660.30	-3820.12	3289.91	1123.22	-22724.80	-2248.84
111	12	10.75	16.20	±	1.84	-580.37	49530.40	0.50	14.86	123480.00	908.57
111	12	10.75	16.20	4	1.84	-57641.80	-4288.82	3277.91	1127.57	-23337.70	-2237.30
111	12	10.75	16.20	±	1.84	-652.02	54268.20	-8.85	13.22	135497.00	991.80
111	12	10.75	16.20	5	1.84	-57660.30	-3820.12	3289.91	1123.22	-22724.80	-2248.84
111	12	10.75	16.20	±	1.84	4293.93	42325.90	3087.98	996.47	60410.60	690.98
111	12	10.75	16.20	6	1.84	-57641.80	-4288.82	3277.91	1127.57	-23337.70	-2237.30
111	12	10.75	16.20	±	1.84	4769.13	47222.00	3427.64	1106.36	67431.60	784.64
111	12	10.75	16.20	7	1.84	-57660.30	-3820.12	3289.91	1123.22	-22724.80	-2248.84
111	12	10.75	16.20	±	1.84	3904.31	8071.88	2577.76	823.74	-17535.80	76.75
111	12	10.75	16.20	8	1.84	-57641.80	-4288.82	3277.91	1127.57	-23337.70	-2237.30
111	12	10.75	16.20	±	1.84	4340.48	9551.48	2866.48	916.38	-18289.50	109.12
111	12	10.75	16.20	9	1.84	-58030.00	5577.69	3530.44	1036.00	-10435.90	-2480.09
111	12	10.75	16.20	±	1.84	1879.10	64649.70	1700.22	560.92	136342.00	1138.89
111	12	10.75	16.20	10	1.84	-58048.40	6046.39	3542.44	1031.65	-9823.01	-2491.62
111	12	10.75	16.20	±	1.84	2080.87	71300.30	1879.38	620.04	150240.00	1259.92
111	12	10.75	16.20	11	1.84	-58030.00	5577.69	3530.44	1036.00	-10435.90	-2480.09
111	12	10.75	16.20	±	1.84	-580.37	49530.40	0.50	14.86	123480.00	908.57
111	12	10.75	16.20	12	1.84	-58048.40	6046.39	3542.44	1031.65	-9823.01	-2491.62
111	12	10.75	16.20	±	1.84	-652.02	54268.20	-8.85	13.22	135497.00	991.80
111	12	10.75	16.20	13	1.84	-58030.00	5577.69	3530.44	1036.00	-10435.90	-2480.09
111	12	10.75	16.20	±	1.84	4293.93	42325.90	3087.98	996.47	60410.60	690.98
111	12	10.75	16.20	14	1.84	-58048.40	6046.39	3542.44	1031.65	-9823.01	-2491.62
111	12	10.75	16.20	±	1.84	4769.13	47222.00	3427.64	1106.36	67431.60	784.64
111	12	10.75	16.20	15	1.84	-58030.00	5577.69	3530.44	1036.00	-10435.90	-2480.09
111	12	10.75	16.20	±	1.84	3904.31	8071.88	2577.76	823.74	-17535.80	76.75
111	12	10.75	16.20	16	1.84	-58048.40	6046.39	3542.44	1031.65	-9823.01	-2491.62
111	12	10.75	16.20	±	1.84	4340.48	9551.48	2866.48	916.38	-18289.50	109.12
111	12	10.75	16.20	17	1.84	-89629.00	8915.17	5622.48	1896.82	-12745.40	-3722.70
111	12	10.75	16.20	18	1.84	-89505.10	-5669.53	5433.94	1962.80	-42544.10	-3981.56
111	12	10.75	16.20	19	1.84	-89957.60	3027.05	5807.34	1844.27	-26909.90	-3842.61
111	12	10.75	16.20	20	1.84	-89176.50	218.59	5249.08	2015.35	-28379.60	-3861.65
111	12	10.75	16.20	21	1.84	-63713.70	8500.88	3932.69	1304.59	-4638.84	-2546.91
111	12	10.75	16.20	22	1.84	-63589.80	-6083.81	3744.15	1370.57	-34437.50	-2805.76
111	12	10.75	16.20	23	1.84	-64042.30	2612.77	4117.55	1252.04	-18803.40	-2666.81
111	12	10.75	16.20	24	1.84	-63261.20	-195.69	3559.29	1423.12	-20273.00	-2685.86
111	12	10.75	16.20	25	1.84	-59307.10	8252.93	3612.31	1111.90	-2398.95	-2312.96
111	12	10.75	16.20	26	1.84	-59183.20	-6331.76	3423.77	1177.88	-32197.60	-2571.82
111	12	10.75	16.20	27	1.84	-59635.70	2364.81	3797.17	1059.35	-16563.50	-2432.86
111	12	10.75	16.20	28	1.84	-58854.60	-443.65	3238.91	1230.43	-18033.10	-2451.91
111	12	10.75	16.20	29	1.84	-57907.10	8171.13	3504.44	1046.62	-1681.01	-2235.04
111	12	10.75	16.20	30	1.84	-57783.20	-6413.56	3315.91	1112.60	-31479.70	-2493.89
111	12	10.75	16.20	31	1.84	-58235.70	2283.01	3689.31	994.07	-15845.60	-2354.94
111	12	10.75	16.20	32	1.84	-57454.60	-525.44	3131.04	1165.15	-17315.20	-2373.99
111	12	10.75	16.20	1	2.34	-57660.30	-3820.12	3289.91	1123.22	-22724.80	-2248.84
111	12	10.75	16.20	±	2.34	1879.10	64649.70	1700.22	560.92	136342.00	1138.89
111	12	10.75	16.20	2	2.34	-57641.80	-4288.82	3277.91	1127.57	-23337.70	-2237.30
111	12	10.75	16.20	±	2.34	2080.87	71300.30	1879.38	620.04	150240.00	1259.92
111	12	10.75	16.20	3	2.34	-57660.30	-3820.12	3289.91	1123.22	-22724.80	-2248.84
111	12	10.75	16.20	±	2.34	-580.37	49530.40	0.50	14.86	123480.00	908.57
111	12	10.75	16.20	4	2.34	-57641.80	-4288.82	3277.91	1127.57	-23337.70	-2237.30
111	12	10.75	16.20	±	2.34	-652.02	54268.20	-8.85	13.22	135497.00	991.80
111	12	10.75	16.20	5	2.34	-57660.30	-3820.12	3289.91	1123.22	-22724.80	-2248.84
111	12	10.75	16.20	±	2.34	4293.93	42325.90	3087.98	996.47	60410.60	690.98
111	12	10.75	16.20	6	2.34	-57641.80	-4288.82	3277.91	1127.57	-23337.70	-2237.30
111	12	10.75	16.20	±	2.34	4769.13	47222.00	3427.64	1106.36	67431.60	784.64
111	12	10.75	16.20	7	2.34	-57660.30	-3820.12	3289.91	1123.22	-22724.80	-2248.84
111	12	10.75	16.20	±	2.34	3904.31	8071.88	2577.76	823.74	-17535.80	76.75
111	12	10.75	16.20	8	2.34	-57641.80	-4288.82	3277.91	1127.57	-23337.70	-2237.30
111	12	10.75	16.20	±	2.34	4340.48	9551.48	2866.48	916.38	-18289.50	109.12
111	12	10.75	16.20	9	2.34	-58030.00	5577.69	3530.44	1036.00	-10435.90	-2480.09
111	12	10.75	16.20	±	2.34	1879.10	64649.70	1700.22	560.92	136342.00	1138.89
111	12	10.75	16.20	10	2.34	-58048.40	6046.39	3542.44	1031.65	-9823.01	-2491.62
111	12	10.75	16.20	±	2.34	2080.87	71300.30	1879.38	620.04	150240.00	1259.92
111	12	10.75	16.20	11	2.34	-58030.00	5577.69	3530.44	1036.00	-10435.90	-2480.09
111	12	10.75	16.20	±	2.34	-580.37	49530.40	0.50	14.86	123480.00	908.57
111	12	10.75	16.20	12	2.34	-58048.40	6046.39	3542.44	1031.65	-9823.01	-2491.62
111	12	10.75	16.20	±	2.34	-652.02	54268.20	-8.85	13.22	135497.00	991.80
111	12	10.75	16.20	13	2.34	-58030.00	5577.69	3530.44	1036.00	-10435.90	-2480.09

111	12	10.75	16.20	±	2.34	4293.93	42325.90	3087.98	996.47	60410.60	690.98
111	12	10.75	16.20	14	2.34	-58048.40	6046.39	3542.44	1031.65	-9823.01	-2491.62
111	12	10.75	16.20	±	2.34	4769.13	47222.00	3427.64	1106.36	67431.60	784.64
111	12	10.75	16.20	15	2.34	-58030.00	5577.69	3530.44	1036.00	-10435.90	-2480.09
111	12	10.75	16.20	±	2.34	3904.31	8071.88	2577.76	823.74	-17535.80	76.75
111	12	10.75	16.20	16	2.34	-58048.40	6046.39	3542.44	1031.65	-9823.01	-2491.62
111	12	10.75	16.20	±	2.34	4340.48	9551.48	2866.48	916.38	-18289.50	109.12
111	12	10.75	16.20	17	2.34	-89629.00	8915.17	5622.48	1896.82	-12745.40	-3722.70
111	12	10.75	16.20	18	2.34	-89505.10	-5669.53	5433.94	1962.80	-42544.10	-3981.56
111	12	10.75	16.20	19	2.34	-89957.60	3027.05	5807.34	1844.27	-26909.90	-3842.61
111	12	10.75	16.20	20	2.34	-89176.50	218.59	5249.08	2015.35	-28379.60	-3861.66
111	12	10.75	16.20	21	2.34	-63713.70	8500.88	3932.69	1304.59	-4638.84	-2546.91
111	12	10.75	16.20	22	2.34	-63589.80	-6083.81	3744.15	1370.57	-34437.50	-2805.76
111	12	10.75	16.20	23	2.34	-64042.30	2612.77	4117.55	1252.04	-18803.40	-2666.81
111	12	10.75	16.20	24	2.34	-63261.20	-195.69	3559.29	1423.12	-20273.00	-2685.86
111	12	10.75	16.20	25	2.34	-59307.10	8252.93	3612.31	1111.90	-2398.95	-2312.96
111	12	10.75	16.20	26	2.34	-59183.20	-6331.76	3423.77	1177.88	-32197.60	-2571.82
111	12	10.75	16.20	27	2.34	-59635.70	2364.81	3797.17	1059.35	-16563.50	-2432.86
111	12	10.75	16.20	28	2.34	-58854.60	-443.65	3238.91	1230.43	-18033.10	-2451.91
111	12	10.75	16.20	29	2.34	-57907.10	8171.13	3504.44	1046.62	-1681.01	-2235.04
111	12	10.75	16.20	30	2.34	-57783.20	-6413.56	3315.91	1112.60	-31479.70	-2493.89
111	12	10.75	16.20	31	2.34	-58235.70	2283.01	3689.31	994.07	-15845.60	-2354.94
111	12	10.75	16.20	32	2.34	-57454.60	-525.44	3131.04	1165.15	-17315.20	-2373.99
111	13	10.75	16.20	1	2.34	-56830.80	-3818.72	3289.91	2768.17	-20924.20	-2242.22
111	13	10.75	16.20	±	2.34	1825.34	64650.30	1700.22	289.90	106339.00	1138.98
111	13	10.75	16.20	2	2.34	-56812.70	-4287.43	3277.91	2766.52	-21317.60	-2230.70
111	13	10.75	16.20	±	2.34	2021.73	71300.90	1879.38	320.58	117164.00	1260.04
111	13	10.75	16.20	3	2.34	-56830.80	-3818.72	3289.91	2768.17	-20924.20	-2242.22
111	13	10.75	16.20	±	2.34	-621.85	49530.70	0.50	-15.28	99985.60	909.54
111	13	10.75	16.20	4	2.34	-56812.70	-4287.43	3277.91	2766.52	-21317.60	-2230.70
111	13	10.75	16.20	±	2.34	-697.57	54268.60	-8.85	-18.52	109740.00	992.85
111	13	10.75	16.20	5	2.34	-56830.80	-3818.72	3289.91	2768.17	-20924.20	-2242.22
111	13	10.75	16.20	±	2.34	4259.18	42326.50	3087.98	549.82	41537.00	689.66
111	13	10.75	16.20	6	2.34	-56812.70	-4287.43	3277.91	2766.52	-21317.60	-2230.70
111	13	10.75	16.20	±	2.34	4730.78	47222.70	3427.64	610.48	46409.20	783.26
111	13	10.75	16.20	7	2.34	-56830.80	-3818.72	3289.91	2768.17	-20924.20	-2242.22
111	13	10.75	16.20	±	2.34	3898.13	8072.18	2577.76	467.44	-20360.20	75.11
111	13	10.75	16.20	8	2.34	-56812.70	-4287.43	3277.91	2766.52	-21317.60	-2230.70
111	13	10.75	16.20	±	2.34	4333.53	9551.82	2866.48	519.86	-21661.90	107.39
111	13	10.75	16.20	9	2.34	-57193.50	5579.18	3530.44	2801.22	-13037.80	-2473.24
111	13	10.75	16.20	±	2.34	1825.34	64650.30	1700.22	289.90	106339.00	1138.98
111	13	10.75	16.20	10	2.34	-57211.50	6047.89	3542.44	2802.87	-12644.40	-2484.76
111	13	10.75	16.20	±	2.34	2021.73	71300.90	1879.38	320.58	117164.00	1260.04
111	13	10.75	16.20	11	2.34	-57193.50	5579.18	3530.44	2801.22	-13037.80	-2473.24
111	13	10.75	16.20	±	2.34	-621.85	49530.70	0.50	-15.28	99985.60	909.54
111	13	10.75	16.20	12	2.34	-57211.50	6047.89	3542.44	2802.87	-12644.40	-2484.76
111	13	10.75	16.20	±	2.34	-697.57	54268.60	-8.85	-18.52	109740.00	992.85
111	13	10.75	16.20	13	2.34	-57193.50	5579.18	3530.44	2801.22	-13037.80	-2473.24
111	13	10.75	16.20	±	2.34	4259.18	42326.50	3087.98	549.82	41537.00	689.66
111	13	10.75	16.20	14	2.34	-57211.50	6047.89	3542.44	2802.87	-12644.40	-2484.76
111	13	10.75	16.20	±	2.34	4730.78	47222.70	3427.64	610.48	46409.20	783.26
111	13	10.75	16.20	15	2.34	-57193.50	5579.18	3530.44	2801.22	-13037.80	-2473.24
111	13	10.75	16.20	±	2.34	3898.13	8072.18	2577.76	467.44	-20360.20	75.11
111	13	10.75	16.20	16	2.34	-57211.50	6047.89	3542.44	2802.87	-12644.40	-2484.76
111	13	10.75	16.20	±	2.34	4333.53	9551.82	2866.48	519.86	-21661.90	107.39
111	13	10.75	16.20	17	2.34	-88533.00	8917.51	5622.48	4708.06	-16902.20	-3711.73
111	13	10.75	16.20	18	2.34	-88421.30	-5667.32	5433.94	4679.77	-39867.30	-3970.69
111	13	10.75	16.20	19	2.34	-88866.20	3029.35	5807.34	4747.94	-28307.60	-3831.46
111	13	10.75	16.20	20	2.34	-88088.10	220.83	5249.08	4639.89	-28461.90	-3850.96
111	13	10.75	16.20	21	2.34	-62878.80	8502.40	3932.68	3270.93	-8606.46	-2539.25
111	13	10.75	16.20	22	2.34	-62767.20	-6082.43	3744.15	3242.64	-31571.50	-2798.21
111	13	10.75	16.20	23	2.34	-63212.00	2614.25	4117.55	3310.81	-20011.80	-2658.98
111	13	10.75	16.20	24	2.34	-62433.90	-194.28	3559.29	3202.76	-20166.20	-2678.47
111	13	10.75	16.20	25	2.34	-58469.00	8254.44	3612.31	2918.05	-6253.64	-2305.96
111	13	10.75	16.20	26	2.34	-58357.30	-6330.39	3423.77	2889.76	-29218.70	-2564.92
111	13	10.75	16.20	27	2.34	-58802.20	2366.29	3797.17	2957.93	-17659.00	-2425.69
111	13	10.75	16.20	28	2.34	-58024.10	-442.24	3238.91	2849.88	-17813.30	-2445.19
111	13	10.75	16.20	29	2.34	-57068.00	8172.65	3504.44	2798.84	-5498.48	-2228.25
111	13	10.75	16.20	30	2.34	-56956.30	-6412.18	3315.91	2770.55	-28463.50	-2487.21
111	13	10.75	16.20	31	2.34	-57401.20	2284.49	3689.31	2838.72	-16903.80	-2347.99
111	13	10.75	16.20	32	2.34	-56623.10	-524.03	3131.04	2730.67	-17058.20	-2367.48
111	13	10.75	16.20	1	2.84	-56830.80	-3818.72	3289.91	2768.17	-20924.20	-2242.22
111	13	10.75	16.20	±	2.84	1825.34	64650.30	1700.22	289.90	106339.00	1138.98
111	13	10.75	16.20	2	2.84	-56812.70	-4287.43	3277.91	2766.52	-21317.60	-2230.70
111	13	10.75	16.20	±	2.84	2021.73	71300.90	1879.38	320.58	117164.00	1260.04
111	13	10.75	16.20	3	2.84	-56830.80	-3818.72	3289.91	2768.17	-20924.20	-2242.22
111	13	10.75	16.20	±	2.84	-621.85	49530.70	0.50	-15.28	99985.60	909.54
111	13	10.75	16.20	4	2.84	-56812.70	-4287.43	3277.91	2766.52	-21317.60	-2230.70
111	13	10.75	16.20	±	2.84	-697.57	54268.60	-8.85	-18.52	109740.00	992.85
111	13	10.75	16.20	5	2.84	-56830.80	-3818.72	3289.91	2768.17	-20924.20	-2242.22
111	13	10.75	16.20	±	2.84	4259.18	42326.50	3087.98	549.82	41537.00	689.66
111	13	10.75	16.20	6	2.84	-56812.70	-4287.43	3277.91	2766.52	-21317.60	-2230.70

111	13	10.75	16.20	±	2.84	4730.78	47222.70	3427.64	610.48	46409.20	783.26
111	13	10.75	16.20	7	2.84	-56830.80	-3818.72	3289.91	2768.17	-20924.20	-2242.22
111	13	10.75	16.20	±	2.84	3898.13	8072.18	2577.76	467.44	-20360.20	75.11
111	13	10.75	16.20	8	2.84	-56812.70	-4287.43	3277.91	2766.52	-21317.60	-2230.70
111	13	10.75	16.20	±	2.84	4333.53	9551.82	2866.48	519.86	-21661.90	107.39
111	13	10.75	16.20	9	2.84	-57193.50	5579.18	3530.44	2801.22	-13037.80	-2473.24
111	13	10.75	16.20	±	2.84	1825.34	64650.30	1700.22	289.90	106339.00	1138.98
111	13	10.75	16.20	10	2.84	-57211.50	6047.89	3542.44	2802.87	-12644.40	-2484.76
111	13	10.75	16.20	±	2.84	2021.73	71300.90	1879.38	320.58	117164.00	1260.04
111	13	10.75	16.20	11	2.84	-57193.50	5579.18	3530.44	2801.22	-13037.80	-2473.24
111	13	10.75	16.20	±	2.84	-621.85	49530.70	0.50	-15.28	99985.60	909.54
111	13	10.75	16.20	12	2.84	-57211.50	6047.89	3542.44	2802.87	-12644.40	-2484.76
111	13	10.75	16.20	±	2.84	-697.57	54268.60	-8.85	-18.52	109740.00	992.85
111	13	10.75	16.20	13	2.84	-57193.50	5579.18	3530.44	2801.22	-13037.80	-2473.24
111	13	10.75	16.20	±	2.84	4259.18	42326.50	3087.98	549.82	41537.00	689.66
111	13	10.75	16.20	14	2.84	-57211.50	6047.89	3542.44	2802.87	-12644.40	-2484.76
111	13	10.75	16.20	±	2.84	4730.78	47222.70	3427.64	610.48	46409.20	783.26
111	13	10.75	16.20	15	2.84	-57193.50	5579.18	3530.44	2801.22	-13037.80	-2473.24
111	13	10.75	16.20	±	2.84	3898.13	8072.18	2577.76	467.44	-20360.20	75.11
111	13	10.75	16.20	16	2.84	-57211.50	6047.89	3542.44	2802.87	-12644.40	-2484.76
111	13	10.75	16.20	±	2.84	4333.53	9551.82	2866.48	519.86	-21661.90	107.39
111	13	10.75	16.20	17	2.84	-88533.00	8917.51	5622.48	4708.06	-16902.20	-3711.73
111	13	10.75	16.20	18	2.84	-88421.30	-5667.32	5433.94	4679.77	-39867.30	-3970.69
111	13	10.75	16.20	19	2.84	-88866.20	3029.35	5807.34	4747.94	-28307.60	-3831.46
111	13	10.75	16.20	20	2.84	-88088.10	220.83	5249.08	4639.89	-28461.90	-3850.96
111	13	10.75	16.20	21	2.84	-62878.80	8502.40	3932.68	3270.93	-8606.46	-2539.25
111	13	10.75	16.20	22	2.84	-62767.20	-6082.43	3744.15	3242.64	-31571.50	-2798.21
111	13	10.75	16.20	23	2.84	-63212.00	2614.25	4117.55	3310.81	-20011.80	-2658.98
111	13	10.75	16.20	24	2.84	-62433.90	-194.28	3559.29	3202.76	-20166.20	-2678.47
111	13	10.75	16.20	25	2.84	-58469.00	8254.44	3612.31	2918.05	-6253.64	-2305.96
111	13	10.75	16.20	26	2.84	-58357.30	-6330.39	3423.77	2889.76	-29218.70	-2564.92
111	13	10.75	16.20	27	2.84	-58802.20	2366.29	3797.17	2957.93	-17659.00	-2425.69
111	13	10.75	16.20	28	2.84	-58024.10	-442.24	3238.91	2849.88	-17813.30	-2445.19
111	13	10.75	16.20	29	2.84	-57068.00	8172.65	3504.44	2798.84	-5498.48	-2228.25
111	13	10.75	16.20	30	2.84	-56956.30	-6412.18	3315.91	2770.55	-28463.50	-2487.21
111	13	10.75	16.20	31	2.84	-57401.20	2284.49	3689.30	2838.72	-16903.80	-2347.99
111	13	10.75	16.20	32	2.84	-56623.10	-524.03	3131.04	2730.67	-17058.20	-2367.48
111	14	10.75	16.20	1	2.84	-56255.20	-3817.11	3289.91	4413.13	-19119.90	-2258.43
111	14	10.75	16.20	±	2.84	1806.20	64651.20	1700.22	1139.67	78316.40	1138.56
111	14	10.75	16.20	2	2.84	-56237.20	-4285.83	3277.91	4405.48	-19293.20	-2246.88
111	14	10.75	16.20	±	2.84	2000.72	71301.90	1879.38	1259.83	86203.30	1259.54
111	14	10.75	16.20	3	2.84	-56255.20	-3817.11	3289.91	4413.13	-19119.90	-2258.43
111	14	10.75	16.20	±	2.84	-644.12	49531.20	0.50	-14.71	74364.20	907.01
111	14	10.75	16.20	4	2.84	-56237.20	-4285.83	3277.91	4405.48	-19293.20	-2246.88
111	14	10.75	16.20	±	2.84	-722.07	54269.20	-8.85	-22.54	81706.70	990.10
111	14	10.75	16.20	5	2.84	-56255.20	-3817.11	3289.91	4413.13	-19119.90	-2258.43
111	14	10.75	16.20	±	2.84	4258.18	42327.30	3087.98	2092.72	29489.10	692.77
111	14	10.75	16.20	6	2.84	-56237.20	-4285.83	3277.91	4405.48	-19293.20	-2246.88
111	14	10.75	16.20	±	2.84	4729.79	47223.60	3427.64	2322.87	32680.90	786.50
111	14	10.75	16.20	7	2.84	-56255.20	-3817.11	3289.91	4413.13	-19119.90	-2258.43
111	14	10.75	16.20	±	2.84	3909.56	8072.59	2577.76	1755.23	-16315.10	79.10
111	14	10.75	16.20	8	2.84	-56237.20	-4285.83	3277.91	4405.48	-19293.20	-2246.88
111	14	10.75	16.20	±	2.84	4346.19	9552.28	2866.48	1951.68	-17692.10	111.61
111	14	10.75	16.20	9	2.84	-56615.80	5580.96	3530.44	4566.45	-15645.60	-2490.00
111	14	10.75	16.20	±	2.84	1806.20	64651.20	1700.22	1139.67	78316.40	1138.56
111	14	10.75	16.20	10	2.84	-56633.80	6049.67	3542.44	4574.09	-15472.40	-2501.55
111	14	10.75	16.20	±	2.84	2000.72	71301.90	1879.38	1259.83	86203.30	1259.54
111	14	10.75	16.20	11	2.84	-56615.80	5580.96	3530.44	4566.45	-15645.60	-2490.00
111	14	10.75	16.20	±	2.84	-644.12	49531.20	0.50	-14.71	74364.20	907.01
111	14	10.75	16.20	12	2.84	-56633.80	6049.67	3542.44	4574.09	-15472.40	-2501.55
111	14	10.75	16.20	±	2.84	-722.07	54269.20	-8.85	-22.54	81706.70	990.10
111	14	10.75	16.20	13	2.84	-56615.80	5580.96	3530.44	4566.45	-15645.60	-2490.00
111	14	10.75	16.20	±	2.84	4258.18	42327.30	3087.98	2092.72	29489.10	692.77
111	14	10.75	16.20	14	2.84	-56633.80	6049.67	3542.44	4574.09	-15472.40	-2501.55
111	14	10.75	16.20	±	2.84	4729.79	47223.60	3427.64	2322.87	32680.90	786.50
111	14	10.75	16.20	15	2.84	-56615.80	5580.96	3530.44	4566.45	-15645.60	-2490.00
111	14	10.75	16.20	±	2.84	3909.56	8072.59	2577.76	1755.23	-16315.10	79.10
111	14	10.75	16.20	16	2.84	-56633.80	6049.67	3542.44	4574.09	-15472.40	-2501.55
111	14	10.75	16.20	±	2.84	4346.19	9552.28	2866.48	1951.68	-17692.10	111.61
111	14	10.75	16.20	17	2.84	-87838.30	8920.27	5622.48	7519.29	-21076.20	-3739.03
111	14	10.75	16.20	18	2.84	-87732.10	-5664.77	5433.94	7396.74	-37190.10	-3997.69
111	14	10.75	16.20	19	2.84	-88175.00	3032.06	5807.34	7651.61	-29714.70	-3859.15
111	14	10.75	16.20	20	2.84	-87395.40	223.44	5249.08	7264.43	-28551.60	-3877.58
111	14	10.75	16.20	21	2.84	-62323.70	8504.21	3932.69	5237.27	-12592.50	-2558.29
111	14	10.75	16.20	22	2.84	-62217.40	-6080.84	3744.15	5114.72	-28706.40	-2816.95
111	14	10.75	16.20	23	2.84	-62660.30	2615.99	4117.55	5369.59	-21231.00	-2678.41
111	14	10.75	16.20	24	2.84	-61880.70	-192.63	3559.29	4982.40	-20067.90	-2696.83
111	14	10.75	16.20	25	2.84	-57895.70	8256.24	3612.31	4724.21	-10120.40	-2323.19
111	14	10.75	16.20	26	2.84	-57789.40	-6328.80	3423.77	4601.65	-26234.30	-2581.85
111	14	10.75	16.20	27	2.84	-58232.40	2368.03	3797.17	4856.52	-18758.90	-2443.31
111	14	10.75	16.20	28	2.84	-57452.80	-440.59	3238.91	4469.34	-17595.80	-2461.74
111	14	10.75	16.20	29	2.84	-56488.60	8174.45	3504.44	4551.06	-9325.86	-2244.88

111	14	10.75	16.20	30	2.84	-56382.30	-6410.60	3315.91	4428.51	-25439.70	-2503.54
111	14	10.75	16.20	31	2.84	-56825.30	2286.23	3689.31	4683.38	-17964.30	-2365.00
111	14	10.75	16.20	32	2.84	-56045.70	-522.39	3131.04	4296.19	-16801.20	-2383.43
111	14	10.75	16.20	1	3.34	-56255.20	-3817.11	3289.91	4413.13	-19119.90	-2258.43
111	14	10.75	16.20	±	3.34	1806.20	64651.20	1700.22	1139.67	78316.40	1138.56
111	14	10.75	16.20	2	3.34	-56237.20	-4285.83	3277.91	4405.48	-19293.20	-2246.88
111	14	10.75	16.20	±	3.34	2000.72	71301.90	1879.38	1259.83	86203.30	1259.54
111	14	10.75	16.20	3	3.34	-56255.20	-3817.11	3289.91	4413.13	-19119.90	-2258.43
111	14	10.75	16.20	±	3.34	-644.12	49531.20	0.50	-14.71	74364.20	907.01
111	14	10.75	16.20	4	3.34	-56237.20	-4285.83	3277.91	4405.48	-19293.20	-2246.88
111	14	10.75	16.20	±	3.34	-722.07	54269.20	-8.85	-22.54	81706.70	990.10
111	14	10.75	16.20	5	3.34	-56255.20	-3817.11	3289.91	4413.13	-19119.90	-2258.43
111	14	10.75	16.20	±	3.34	4258.18	42327.30	3087.98	2092.72	29489.10	692.77
111	14	10.75	16.20	6	3.34	-56237.20	-4285.83	3277.91	4405.48	-19293.20	-2246.88
111	14	10.75	16.20	±	3.34	4729.79	47223.60	3427.64	2322.87	32680.90	786.50
111	14	10.75	16.20	7	3.34	-56255.20	-3817.11	3289.91	4413.13	-19119.90	-2258.43
111	14	10.75	16.20	±	3.34	3909.56	8072.59	2577.76	1755.23	-16315.10	79.10
111	14	10.75	16.20	8	3.34	-56237.20	-4285.83	3277.91	4405.48	-19293.20	-2246.88
111	14	10.75	16.20	±	3.34	4346.19	9552.28	2866.48	1951.68	-17692.10	111.61
111	14	10.75	16.20	9	3.34	-56615.80	5580.96	3530.44	4566.45	-15645.60	-2490.00
111	14	10.75	16.20	±	3.34	1806.20	64651.20	1700.22	1139.67	78316.40	1138.56
111	14	10.75	16.20	10	3.34	-56633.80	6049.67	3542.44	4574.09	-15472.40	-2501.55
111	14	10.75	16.20	±	3.34	2000.72	71301.90	1879.38	1259.83	86203.30	1259.54
111	14	10.75	16.20	11	3.34	-56615.80	5580.96	3530.44	4566.45	-15645.60	-2490.00
111	14	10.75	16.20	±	3.34	-644.12	49531.20	0.50	-14.71	74364.20	907.01
111	14	10.75	16.20	12	3.34	-56633.80	6049.67	3542.44	4574.09	-15472.40	-2501.55
111	14	10.75	16.20	±	3.34	-722.07	54269.20	-8.85	-22.54	81706.70	990.10
111	14	10.75	16.20	13	3.34	-56615.80	5580.96	3530.44	4566.45	-15645.60	-2490.00
111	14	10.75	16.20	±	3.34	4258.18	42327.30	3087.98	2092.72	29489.10	692.77
111	14	10.75	16.20	14	3.34	-56633.80	6049.67	3542.44	4574.09	-15472.40	-2501.55
111	14	10.75	16.20	±	3.34	4729.79	47223.60	3427.64	2322.87	32680.90	786.50
111	14	10.75	16.20	15	3.34	-56615.80	5580.96	3530.44	4566.45	-15645.60	-2490.00
111	14	10.75	16.20	±	3.34	3909.56	8072.59	2577.76	1755.23	-16315.10	79.10
111	14	10.75	16.20	16	3.34	-56633.80	6049.67	3542.44	4574.09	-15472.40	-2501.55
111	14	10.75	16.20	±	3.34	4346.19	9552.28	2866.48	1951.68	-17692.10	111.61
111	14	10.75	16.20	17	3.34	-87838.30	8920.27	5622.48	7519.29	-21076.20	-3739.03
111	14	10.75	16.20	18	3.34	-87732.10	-5664.77	5433.94	7396.74	-37190.10	-3997.69
111	14	10.75	16.20	19	3.34	-88175.00	3032.06	5807.34	7651.61	-29714.70	-3859.15
111	14	10.75	16.20	20	3.34	-87395.40	223.44	5249.08	7264.43	-28551.60	-3877.58
111	14	10.75	16.20	21	3.34	-62323.70	8504.21	3932.69	5237.27	-12592.50	-2558.29
111	14	10.75	16.20	22	3.34	-62217.40	-6080.84	3744.15	5114.72	-28706.40	-2816.95
111	14	10.75	16.20	23	3.34	-62660.30	2615.99	4117.55	5369.59	-21231.00	-2678.41
111	14	10.75	16.20	24	3.34	-61880.70	-192.63	3559.29	4982.40	-20067.90	-2696.83
111	14	10.75	16.20	25	3.34	-57895.70	8256.24	3612.31	4724.21	-10120.40	-2323.19
111	14	10.75	16.20	26	3.34	-57789.40	-6328.80	3423.77	4601.65	-26234.30	-2581.85
111	14	10.75	16.20	27	3.34	-58232.40	2368.03	3797.17	4856.52	-18758.90	-2443.31
111	14	10.75	16.20	28	3.34	-57452.80	-440.59	3238.91	4469.34	-17595.80	-2461.74
111	14	10.75	16.20	29	3.34	-56488.60	8174.45	3504.44	4551.06	-9325.86	-2244.88
111	14	10.75	16.20	30	3.34	-56382.30	-6410.60	3315.91	4428.51	-25439.70	-2503.54
111	14	10.75	16.20	31	3.34	-56825.30	2286.23	3689.31	4683.38	-17964.30	-2365.00
111	14	10.75	16.20	32	3.34	-56045.70	-522.39	3131.04	4296.19	-16801.20	-2383.43
111	15	10.75	16.20	1	3.34	-54529.50	-3815.26	3289.91	6058.08	-17762.10	-2335.09
111	15	10.75	16.20	±	3.34	1896.98	64652.50	1700.22	1989.73	54914.80	1135.60
111	15	10.75	16.20	2	3.34	-54511.30	-4283.99	3277.91	6044.43	-17720.90	-2323.40
111	15	10.75	16.20	±	3.34	2100.37	71303.40	1879.38	2199.46	60447.00	1256.04
111	15	10.75	16.20	3	3.34	-54529.50	-3815.26	3289.91	6058.08	-17762.10	-2335.09
111	15	10.75	16.20	±	3.34	-535.54	49532.10	0.50	-14.41	45488.50	893.04
111	15	10.75	16.20	4	3.34	-54511.30	-4283.99	3277.91	6044.43	-17720.90	-2323.40
111	15	10.75	16.20	±	3.34	-602.59	54270.10	-8.85	-26.90	49971.80	974.99
111	15	10.75	16.20	5	3.34	-54529.50	-3815.26	3289.91	6058.08	-17762.10	-2335.09
111	15	10.75	16.20	±	3.34	4258.42	42328.50	3087.98	3636.54	30771.00	708.55
111	15	10.75	16.20	6	3.34	-54511.30	-4283.99	3277.91	6044.43	-17720.90	-2323.40
111	15	10.75	16.20	±	3.34	4729.60	47224.90	3427.64	4036.48	34021.50	803.08
111	15	10.75	16.20	7	3.34	-54529.50	-3815.26	3289.91	6058.08	-17762.10	-2335.09
111	15	10.75	16.20	±	3.34	3849.99	8073.10	2577.76	3043.95	650.04	99.96
111	15	10.75	16.20	8	3.34	-54511.30	-4283.99	3277.91	6044.43	-17720.90	-2323.40
111	15	10.75	16.20	±	3.34	4280.27	9552.86	2866.48	3384.71	895.89	133.77
111	15	10.75	16.20	9	3.34	-54894.90	5583.03	3530.44	6331.67	-18588.40	-2569.50
111	15	10.75	16.20	±	3.34	1896.98	64652.50	1700.22	1989.73	54914.80	1135.60
111	15	10.75	16.20	10	3.34	-54913.10	6051.76	3542.44	6345.31	-18629.60	-2581.19
111	15	10.75	16.20	±	3.34	2100.37	71303.40	1879.38	2199.46	60447.00	1256.04
111	15	10.75	16.20	11	3.34	-54894.90	5583.03	3530.44	6331.67	-18588.40	-2569.50
111	15	10.75	16.20	±	3.34	-535.54	49532.10	0.50	-14.41	45488.50	893.04
111	15	10.75	16.20	12	3.34	-54913.10	6051.76	3542.44	6345.31	-18629.60	-2581.19
111	15	10.75	16.20	±	3.34	-602.59	54270.10	-8.85	-26.90	49971.80	974.99
111	15	10.75	16.20	13	3.34	-54894.90	5583.03	3530.44	6331.67	-18588.40	-2569.50
111	15	10.75	16.20	±	3.34	4258.42	42328.50	3087.98	3636.54	30771.00	708.55
111	15	10.75	16.20	14	3.34	-54913.10	6051.76	3542.44	6345.31	-18629.60	-2581.19
111	15	10.75	16.20	±	3.34	4729.60	47224.90	3427.64	4036.48	34021.50	803.08
111	15	10.75	16.20	15	3.34	-54894.90	5583.03	3530.44	6331.67	-18588.40	-2569.50
111	15	10.75	16.20	±	3.34	3849.99	8073.10	2577.76	3043.95	650.04	99.96
111	15	10.75	16.20	16	3.34	-54913.10	6051.76	3542.44	6345.31	-18629.60	-2581.19

111	15	10.75	16.20	±	3.34	4280.27	9552.86	2866.48	3384.71	895.89	133.77
111	15	10.75	16.20	17	3.34	-85456.30	8923.51	5622.48	10330.50	-25757.10	-3868.61
111	15	10.75	16.20	18	3.34	-85326.00	-5661.84	5433.94	10113.70	-35189.80	-4125.46
111	15	10.75	16.20	19	3.34	-85777.60	3035.20	5807.34	10555.30	-31701.40	-3990.46
111	15	10.75	16.20	20	3.34	-85004.70	226.47	5249.08	9888.96	-29245.60	-4003.61
111	15	10.75	16.20	21	3.34	-60602.30	8506.34	3932.68	7203.61	-16870.10	-2648.75
111	15	10.75	16.20	22	3.34	-60472.10	-6079.01	3744.15	6986.79	-26302.90	-2905.60
111	15	10.75	16.20	23	3.34	-60923.70	2618.04	4117.55	7428.36	-22814.40	-2770.60
111	15	10.75	16.20	24	3.34	-60150.70	-190.70	3559.28	6762.04	-20358.60	-2783.75
111	15	10.75	16.20	25	3.34	-56181.90	8258.37	3612.31	6530.36	-14289.30	-2405.03
111	15	10.75	16.20	26	3.34	-56051.70	-6326.99	3423.77	6313.53	-23722.00	-2661.89
111	15	10.75	16.20	27	3.34	-56503.30	2370.06	3797.17	6755.10	-20233.50	-2526.89
111	15	10.75	16.20	28	3.34	-55730.30	-438.68	3238.91	6088.79	-17777.70	-2540.04
111	15	10.75	16.20	29	3.34	-54777.30	8176.56	3504.44	6303.29	-13458.90	-2323.86
111	15	10.75	16.20	30	3.34	-54647.10	-6408.79	3315.91	6086.46	-22891.60	-2580.72
111	15	10.75	16.20	31	3.34	-55098.70	2288.26	3689.30	6528.03	-19403.20	-2445.72
111	15	10.75	16.20	32	3.34	-54325.70	-520.48	3131.04	5861.72	-16947.30	-2458.87
111	15	10.75	16.20	1	3.84	-54529.50	-3815.26	3289.91	6058.08	-17762.10	-2335.09
111	15	10.75	16.20	±	3.84	1896.98	64652.50	1700.22	1989.73	54914.80	1135.60
111	15	10.75	16.20	2	3.84	-54511.30	-4283.99	3277.91	6044.43	-17720.90	-2323.40
111	15	10.75	16.20	±	3.84	2100.37	71303.40	1879.38	2199.46	60447.00	1256.04
111	15	10.75	16.20	3	3.84	-54529.50	-3815.26	3289.91	6058.08	-17762.10	-2335.09
111	15	10.75	16.20	±	3.84	-535.54	49532.10	0.50	-14.41	45488.50	893.04
111	15	10.75	16.20	4	3.84	-54511.30	-4283.99	3277.91	6044.43	-17720.90	-2323.40
111	15	10.75	16.20	±	3.84	-602.59	54270.10	-8.85	-26.90	49971.80	974.99
111	15	10.75	16.20	5	3.84	-54529.50	-3815.26	3289.91	6058.08	-17762.10	-2335.09
111	15	10.75	16.20	±	3.84	4258.42	42328.50	3087.98	3636.54	30771.00	708.55
111	15	10.75	16.20	6	3.84	-54511.30	-4283.99	3277.91	6044.43	-17720.90	-2323.40
111	15	10.75	16.20	±	3.84	4729.60	47224.90	3427.64	4036.48	34021.50	803.08
111	15	10.75	16.20	7	3.84	-54529.50	-3815.26	3289.91	6058.08	-17762.10	-2335.09
111	15	10.75	16.20	±	3.84	3849.99	8073.10	2577.76	3043.95	650.04	99.96
111	15	10.75	16.20	8	3.84	-54511.30	-4283.99	3277.91	6044.43	-17720.90	-2323.40
111	15	10.75	16.20	±	3.84	4280.27	9552.86	2866.48	3384.71	895.89	133.77
111	15	10.75	16.20	9	3.84	-54894.90	5583.03	3530.44	6331.67	-18588.40	-2569.50
111	15	10.75	16.20	±	3.84	1896.98	64652.50	1700.22	1989.73	54914.80	1135.60
111	15	10.75	16.20	10	3.84	-54913.10	6051.76	3542.44	6345.31	-18629.60	-2581.19
111	15	10.75	16.20	±	3.84	2100.37	71303.40	1879.38	2199.46	60447.00	1256.04
111	15	10.75	16.20	11	3.84	-54894.90	5583.03	3530.44	6331.67	-18588.40	-2569.50
111	15	10.75	16.20	±	3.84	-535.54	49532.10	0.50	-14.41	45488.50	893.04
111	15	10.75	16.20	12	3.84	-54913.10	6051.76	3542.44	6345.31	-18629.60	-2581.19
111	15	10.75	16.20	±	3.84	-602.59	54270.10	-8.85	-26.90	49971.80	974.99
111	15	10.75	16.20	13	3.84	-54894.90	5583.03	3530.44	6331.67	-18588.40	-2569.50
111	15	10.75	16.20	±	3.84	4258.42	42328.50	3087.98	3636.54	30771.00	708.55
111	15	10.75	16.20	14	3.84	-54913.10	6051.76	3542.44	6345.31	-18629.60	-2581.19
111	15	10.75	16.20	±	3.84	4729.60	47224.90	3427.64	4036.48	34021.50	803.08
111	15	10.75	16.20	15	3.84	-54894.90	5583.03	3530.44	6331.67	-18588.40	-2569.50
111	15	10.75	16.20	±	3.84	3849.99	8073.10	2577.76	3043.95	650.04	99.96
111	15	10.75	16.20	16	3.84	-54913.10	6051.76	3542.44	6345.31	-18629.60	-2581.19
111	15	10.75	16.20	±	3.84	4280.27	9552.86	2866.48	3384.71	895.89	133.77
111	15	10.75	16.20	17	3.84	-85456.30	8923.51	5622.48	10330.50	-25757.10	-3868.61
111	15	10.75	16.20	18	3.84	-85326.00	-5661.84	5433.94	10113.70	-35189.80	-4125.46
111	15	10.75	16.20	19	3.84	-85777.60	3035.20	5807.34	10555.30	-31701.40	-3990.46
111	15	10.75	16.20	20	3.84	-85004.70	226.47	5249.08	9888.96	-29245.60	-4003.61
111	15	10.75	16.20	21	3.84	-60602.30	8506.34	3932.68	7203.61	-16870.10	-2648.75
111	15	10.75	16.20	22	3.84	-60472.10	-6079.01	3744.15	6986.79	-26302.90	-2905.60
111	15	10.75	16.20	23	3.84	-60923.70	2618.04	4117.55	7428.36	-22814.40	-2770.60
111	15	10.75	16.20	24	3.84	-60150.70	-190.70	3559.28	6762.04	-20358.60	-2783.75
111	15	10.75	16.20	25	3.84	-56181.90	8258.37	3612.31	6530.36	-14289.30	-2405.03
111	15	10.75	16.20	26	3.84	-56051.70	-6326.99	3423.77	6313.53	-23722.00	-2661.89
111	15	10.75	16.20	27	3.84	-56503.30	2370.06	3797.17	6755.10	-20233.50	-2526.89
111	15	10.75	16.20	28	3.84	-55730.30	-438.68	3238.91	6088.79	-17777.70	-2540.04
111	15	10.75	16.20	29	3.84	-54777.30	8176.56	3504.44	6303.29	-13458.90	-2323.86
111	15	10.75	16.20	30	3.84	-54647.10	-6408.79	3315.91	6086.46	-22891.60	-2580.72
111	15	10.75	16.20	31	3.84	-55098.70	2288.26	3689.30	6528.03	-19403.20	-2445.72
111	15	10.75	16.20	32	3.84	-54325.70	-520.48	3131.04	5861.72	-16947.30	-2458.87
111	16	10.75	16.20	1	3.84	-44558.90	-3813.19	3289.91	7703.03	-18290.80	-1341.40
111	16	10.75	16.20	±	3.84	2487.46	64654.70	1700.22	2839.82	37119.00	1230.03
111	16	10.75	16.20	2	3.84	-44539.60	-4281.94	3277.91	7683.39	-18073.80	-1331.63
111	16	10.75	16.20	±	3.84	2748.10	71305.80	1879.38	3139.12	40934.00	1361.70
111	16	10.75	16.20	3	3.84	-44558.90	-3813.19	3289.91	7703.03	-18290.80	-1341.40
111	16	10.75	16.20	±	3.84	276.87	49533.50	0.50	-14.15	22034.60	1043.03
111	16	10.75	16.20	4	3.84	-44539.60	-4281.94	3277.91	7683.39	-18073.80	-1331.63
111	16	10.75	16.20	±	3.84	292.12	54271.60	-8.85	-31.30	24121.70	1138.11
111	16	10.75	16.20	5	3.84	-44558.90	-3813.19	3289.91	7703.03	-18290.80	-1341.40
111	16	10.75	16.20	±	3.84	4098.98	42330.20	3087.98	5180.46	34013.80	652.63
111	16	10.75	16.20	6	3.84	-44539.60	-4281.94	3277.91	7683.39	-18073.80	-1331.63
111	16	10.75	16.20	±	3.84	4549.34	47226.80	3427.64	5750.21	37778.90	747.61
111	16	10.75	16.20	7	3.84	-44558.90	-3813.19	3289.91	7703.03	-18290.80	-1341.40
111	16	10.75	16.20	±	3.84	3269.68	8073.78	2577.76	4332.76	16267.70	-29.29
111	16	10.75	16.20	8	3.84	-44539.60	-4281.94	3277.91	7683.39	-18073.80	-1331.63
111	16	10.75	16.20	±	3.84	3637.28	9553.63	2866.48	4817.86	18262.20	-2.33
111	16	10.75	16.20	9	3.84	-44947.40	5585.46	3530.44	8096.89	-22642.60	-1537.25

111	16	10.75	16.20	±	3.84	2487.46	64654.70	1700.22	2839.82	37119.00	1230.03
111	16	10.75	16.20	10	3.84	-44966.70	6054.20	3542.44	8116.53	-22859.70	-1547.02
111	16	10.75	16.20	±	3.84	2748.10	71305.80	1879.38	3139.12	40934.00	1361.70
111	16	10.75	16.20	11	3.84	-44947.40	5585.46	3530.44	8096.89	-22642.60	-1537.25
111	16	10.75	16.20	±	3.84	276.87	49533.50	0.50	-14.15	22034.60	1043.03
111	16	10.75	16.20	12	3.84	-44966.70	6054.20	3542.44	8116.53	-22859.70	-1547.02
111	16	10.75	16.20	±	3.84	292.12	54271.60	-8.85	-31.30	24121.70	1138.11
111	16	10.75	16.20	13	3.84	-44947.40	5585.46	3530.44	8096.89	-22642.60	-1537.25
111	16	10.75	16.20	±	3.84	4098.98	42330.20	3087.98	5180.46	34013.80	652.63
111	16	10.75	16.20	14	3.84	-44966.70	6054.20	3542.44	8116.53	-22859.70	-1547.02
111	16	10.75	16.20	±	3.84	4549.34	47226.80	3427.64	5750.21	37778.90	747.61
111	16	10.75	16.20	15	3.84	-44947.40	5585.46	3530.44	8096.89	-22642.60	-1537.25
111	16	10.75	16.20	±	3.84	3269.68	8073.78	2577.76	4332.76	16267.70	-29.29
111	16	10.75	16.20	16	3.84	-44966.70	6054.20	3542.44	8116.53	-22859.70	-1547.02
111	16	10.75	16.20	±	3.84	3637.28	9553.63	2866.48	4817.86	18262.20	-2.33
111	16	10.75	16.20	17	3.84	-70711.10	8927.31	5622.48	13141.80	-31834.90	-2186.31
111	16	10.75	16.20	18	3.84	-70413.40	-5658.53	5433.94	12830.70	-35915.80	-2469.45
111	16	10.75	16.20	19	3.84	-70909.40	3038.84	5807.34	13458.90	-35668.50	-2286.09
111	16	10.75	16.20	20	3.84	-70215.10	229.94	5249.08	12513.50	-32082.20	-2369.67
111	16	10.75	16.20	21	3.84	-50324.70	8508.90	3932.69	9169.96	-21668.00	-1473.59
111	16	10.75	16.20	22	3.84	-50027.00	-6076.94	3744.15	8858.86	-25748.90	-1756.74
111	16	10.75	16.20	23	3.84	-50523.00	2620.43	4117.55	9487.13	-25501.60	-1573.38
111	16	10.75	16.20	24	3.84	-49828.70	-188.47	3559.29	8541.69	-21915.30	-1656.95
111	16	10.75	16.20	25	3.84	-46206.20	8260.87	3612.31	8336.51	-19213.30	-1341.82
111	16	10.75	16.20	26	3.84	-45908.50	-6324.97	3423.77	8025.42	-23294.10	-1624.96
111	16	10.75	16.20	27	3.84	-46404.50	2372.40	3797.17	8653.69	-23046.80	-1441.60
111	16	10.75	16.20	28	3.84	-45710.20	-436.50	3238.91	7708.24	-19460.60	-1525.18
111	16	10.75	16.20	29	3.84	-44902.00	8179.05	3504.44	8055.51	-18426.30	-1297.75
111	16	10.75	16.20	30	3.84	-44604.30	-6406.79	3315.91	7744.41	-22507.10	-1580.90
111	16	10.75	16.20	31	3.84	-45100.30	2290.58	3689.30	8372.68	-22259.80	-1397.54
111	16	10.75	16.20	32	3.84	-44406.00	-518.32	3131.04	7427.24	-18673.60	-1481.11
111	16	10.75	16.20	1	4.34	-44558.90	-3813.19	3289.91	7703.03	-18290.80	-1341.40
111	16	10.75	16.20	±	4.34	2487.46	64654.70	1700.22	2839.82	37119.00	1230.03
111	16	10.75	16.20	2	4.34	-44539.60	-4281.94	3277.91	7683.39	-18073.80	-1331.63
111	16	10.75	16.20	±	4.34	2748.10	71305.80	1879.38	3139.12	40934.00	1361.70
111	16	10.75	16.20	3	4.34	-44558.90	-3813.19	3289.91	7703.03	-18290.80	-1341.40
111	16	10.75	16.20	±	4.34	276.87	49533.50	0.50	-14.15	22034.60	1043.03
111	16	10.75	16.20	4	4.34	-44539.60	-4281.94	3277.91	7683.39	-18073.80	-1331.63
111	16	10.75	16.20	±	4.34	292.12	54271.60	-8.85	-31.30	24121.70	1138.11
111	16	10.75	16.20	5	4.34	-44558.90	-3813.19	3289.91	7703.03	-18290.80	-1341.40
111	16	10.75	16.20	±	4.34	4098.98	42330.20	3087.98	5180.46	34013.80	652.63
111	16	10.75	16.20	6	4.34	-44539.60	-4281.94	3277.91	7683.39	-18073.80	-1331.63
111	16	10.75	16.20	±	4.34	4549.34	47226.80	3427.64	5750.21	37778.90	747.61
111	16	10.75	16.20	7	4.34	-44558.90	-3813.19	3289.91	7703.03	-18290.80	-1341.40
111	16	10.75	16.20	±	4.34	3269.68	8073.78	2577.76	4332.76	16267.70	-29.29
111	16	10.75	16.20	8	4.34	-44539.60	-4281.94	3277.91	7683.39	-18073.80	-1331.63
111	16	10.75	16.20	±	4.34	3637.28	9553.63	2866.48	4817.86	18262.20	-2.33
111	16	10.75	16.20	9	4.34	-44947.40	5585.46	3530.44	8096.89	-22642.60	-1537.25
111	16	10.75	16.20	±	4.34	2487.46	64654.70	1700.22	2839.82	37119.00	1230.03
111	16	10.75	16.20	10	4.34	-44966.70	6054.20	3542.44	8116.53	-22859.70	-1547.02
111	16	10.75	16.20	±	4.34	2748.10	71305.80	1879.38	3139.12	40934.00	1361.70
111	16	10.75	16.20	11	4.34	-44947.40	5585.46	3530.44	8096.89	-22642.60	-1537.25
111	16	10.75	16.20	±	4.34	276.87	49533.50	0.50	-14.15	22034.60	1043.03
111	16	10.75	16.20	12	4.34	-44966.70	6054.20	3542.44	8116.53	-22859.70	-1547.02
111	16	10.75	16.20	±	4.34	292.12	54271.60	-8.85	-31.30	24121.70	1138.11
111	16	10.75	16.20	13	4.34	-44947.40	5585.46	3530.44	8096.89	-22642.60	-1537.25
111	16	10.75	16.20	±	4.34	4098.98	42330.20	3087.98	5180.46	34013.80	652.63
111	16	10.75	16.20	14	4.34	-44966.70	6054.20	3542.44	8116.53	-22859.70	-1547.02
111	16	10.75	16.20	±	4.34	4549.34	47226.80	3427.64	5750.21	37778.90	747.61
111	16	10.75	16.20	15	4.34	-44947.40	5585.46	3530.44	8096.89	-22642.60	-1537.25
111	16	10.75	16.20	±	4.34	3269.68	8073.78	2577.76	4332.76	16267.70	-29.29
111	16	10.75	16.20	16	4.34	-44966.70	6054.20	3542.44	8116.53	-22859.70	-1547.02
111	16	10.75	16.20	±	4.34	3637.28	9553.63	2866.48	4817.86	18262.20	-2.33
111	16	10.75	16.20	17	4.34	-70711.10	8927.31	5622.48	13141.80	-31834.90	-2186.31
111	16	10.75	16.20	18	4.34	-70413.40	-5658.53	5433.94	12830.70	-35915.80	-2469.45
111	16	10.75	16.20	19	4.34	-70909.40	3038.84	5807.34	13458.90	-35668.50	-2286.09
111	16	10.75	16.20	20	4.34	-70215.10	229.94	5249.08	12513.50	-32082.20	-2369.67
111	16	10.75	16.20	21	4.34	-50324.70	8508.90	3932.69	9169.96	-21668.00	-1473.59
111	16	10.75	16.20	22	4.34	-50027.00	-6076.94	3744.15	8858.86	-25748.90	-1756.74
111	16	10.75	16.20	23	4.34	-50523.00	2620.43	4117.55	9487.13	-25501.60	-1573.38
111	16	10.75	16.20	24	4.34	-49828.70	-188.47	3559.29	8541.69	-21915.30	-1656.95
111	16	10.75	16.20	25	4.34	-46206.20	8260.87	3612.31	8336.51	-19213.30	-1341.82
111	16	10.75	16.20	26	4.34	-45908.50	-6324.97	3423.77	8025.42	-23294.10	-1624.96
111	16	10.75	16.20	27	4.34	-46404.50	2372.40	3797.17	8653.69	-23046.80	-1441.60
111	16	10.75	16.20	28	4.34	-45710.20	-436.50	3238.91	7708.24	-19460.60	-1525.18
111	16	10.75	16.20	29	4.34	-44902.00	8179.05	3504.44	8055.51	-18426.30	-1297.75
111	16	10.75	16.20	30	4.34	-44604.30	-6406.79	3315.91	7744.41	-22507.10	-1580.90
111	16	10.75	16.20	31	4.34	-45100.30	2290.58	3689.30	8372.68	-22259.80	-1397.54
111	16	10.75	16.20	32	4.34	-44406.00	-518.32	3131.04	7427.24	-18673.60	-1481.11
132	1	22.41	15.35	1	-3.25	-59146.00	1763.24	2981.41	-7506.47	1441.82	-917.22
132	1	22.41	15.35	±	-3.25	4474.89	2187.88	4518.28	24217.00	775.62	1535.96
132	1	22.41	15.35	2	-3.25	-59288.60	1779.30	3134.88	-8463.36	1451.98	-920.66

132	1	22.41	15.35	±	-3.25	5044.98	2419.20	5098.66	27459.20	861.21	1691.73
132	1	22.41	15.35	3	-3.25	-59146.00	1763.24	2981.41	-7506.47	1441.82	-917.22
132	1	22.41	15.35	±	-3.25	-1413.85	1918.89	-3573.77	-19457.40	459.79	1398.91
132	1	22.41	15.35	4	-3.25	-59288.60	1779.30	3134.88	-8463.36	1451.98	-920.66
132	1	22.41	15.35	±	-3.25	-1675.90	2097.21	-4046.05	-22136.70	497.45	1535.90
132	1	22.41	15.35	5	-3.25	-59146.00	1763.24	2981.41	-7506.47	1441.82	-917.22
132	1	22.41	15.35	±	-3.25	10273.70	1064.33	13628.40	73504.50	711.70	668.65
132	1	22.41	15.35	6	-3.25	-59288.60	1779.30	3134.88	-8463.36	1451.98	-920.66
132	1	22.41	15.35	±	-3.25	11706.80	1214.11	15399.10	83458.30	810.07	743.86
132	1	22.41	15.35	7	-3.25	-59146.00	1763.24	2981.41	-7506.47	1441.82	-917.22
132	1	22.41	15.35	±	-3.25	9355.41	-167.71	13345.10	72076.60	341.08	-211.82
132	1	22.41	15.35	8	-3.25	-59288.60	1779.30	3134.88	-8463.36	1451.98	-920.66
132	1	22.41	15.35	±	-3.25	10696.10	-140.81	15083.30	81861.60	402.47	-224.43
132	1	22.41	15.35	9	-3.25	-56286.90	1441.21	-95.91	11679.90	1238.02	-848.27
132	1	22.41	15.35	±	-3.25	4474.89	2187.88	4518.28	24217.00	775.62	1535.96
132	1	22.41	15.35	10	-3.25	-56144.30	1425.15	-249.38	12636.80	1227.86	-844.83
132	1	22.41	15.35	±	-3.25	5044.98	2419.20	5098.66	27459.20	861.21	1691.73
132	1	22.41	15.35	11	-3.25	-56286.90	1441.21	-95.91	11679.90	1238.02	-848.27
132	1	22.41	15.35	±	-3.25	-1413.85	1918.89	-3573.77	-19457.40	459.79	1398.91
132	1	22.41	15.35	12	-3.25	-56144.30	1425.15	-249.38	12636.80	1227.86	-844.83
132	1	22.41	15.35	±	-3.25	-1675.90	2097.21	-4046.05	-22136.70	497.45	1535.90
132	1	22.41	15.35	13	-3.25	-56286.90	1441.21	-95.91	11679.90	1238.02	-848.27
132	1	22.41	15.35	±	-3.25	10273.70	1064.33	13628.40	73504.50	711.70	668.65
132	1	22.41	15.35	14	-3.25	-56144.30	1425.15	-249.38	12636.80	1227.86	-844.83
132	1	22.41	15.35	±	-3.25	11706.80	1214.11	15399.10	83458.30	810.07	743.86
132	1	22.41	15.35	15	-3.25	-56286.90	1441.21	-95.91	11679.90	1238.02	-848.27
132	1	22.41	15.35	±	-3.25	9355.41	-167.71	13345.10	72076.60	341.08	-211.82
132	1	22.41	15.35	16	-3.25	-56144.30	1425.15	-249.38	12636.80	1227.86	-844.83
132	1	22.41	15.35	±	-3.25	10696.10	-140.81	15083.30	81861.60	402.47	-224.43
132	1	22.41	15.35	17	-3.25	-84824.70	2164.69	2258.78	3778.28	1940.87	-1152.24
132	1	22.41	15.35	18	-3.25	-84503.30	2663.02	2265.92	3707.34	2085.55	-1521.52
132	1	22.41	15.35	19	-3.25	-85918.60	2437.95	4066.79	-5847.07	2081.98	-1361.04
132	1	22.41	15.35	20	-3.25	-83409.40	2389.76	457.91	13332.70	1944.44	-1312.72
132	1	22.41	15.35	21	-3.25	-60622.50	1390.31	1592.19	2796.07	1297.95	-724.84
132	1	22.41	15.35	22	-3.25	-60301.00	1888.64	1599.32	2725.14	1442.63	-1094.11
132	1	22.41	15.35	23	-3.25	-61716.30	1663.58	3400.20	-6829.28	1439.06	-933.64
132	1	22.41	15.35	24	-3.25	-59207.10	1615.38	-208.68	12350.50	1301.52	-885.32
132	1	22.41	15.35	25	-3.25	-58524.10	1362.05	1474.58	2284.41	1274.82	-704.59
132	1	22.41	15.35	26	-3.25	-58202.70	1860.38	1481.71	2213.48	1419.50	-1073.87
132	1	22.41	15.35	27	-3.25	-59618.00	1635.31	3282.58	-7340.94	1415.93	-913.39
132	1	22.41	15.35	28	-3.25	-57108.80	1587.12	-326.30	11838.80	1278.39	-865.07
132	1	22.41	15.35	29	-3.25	-57877.10	1353.06	1439.18	2122.16	1267.58	-698.11
132	1	22.41	15.35	30	-3.25	-57555.70	1851.39	1446.32	2051.23	1412.26	-1067.38
132	1	22.41	15.35	31	-3.25	-58971.00	1626.32	3247.19	-7503.18	1408.69	-906.90
132	1	22.41	15.35	32	-3.25	-56461.80	1578.13	-361.69	11676.60	1271.15	-858.58
132	1	22.41	15.35	1	-2.81	-59146.00	1763.24	2981.41	-7506.59	1441.93	-917.22
132	1	22.41	15.35	±	-2.81	4474.89	2187.88	4518.28	24217.00	775.62	1535.96
132	1	22.41	15.35	2	-2.81	-59288.60	1779.30	3134.88	-8463.48	1452.09	-920.65
132	1	22.41	15.35	±	-2.81	5044.98	2419.20	5098.66	27459.20	861.21	1691.72
132	1	22.41	15.35	3	-2.81	-59146.00	1763.24	2981.41	-7506.59	1441.93	-917.22
132	1	22.41	15.35	±	-2.81	-1413.85	1918.89	-3573.77	-19457.40	459.78	1398.93
132	1	22.41	15.35	4	-2.81	-59288.60	1779.30	3134.88	-8463.48	1452.09	-920.65
132	1	22.41	15.35	±	-2.81	-1675.90	2097.21	-4046.05	-22136.70	497.44	1535.91
132	1	22.41	15.35	5	-2.81	-59146.00	1763.24	2981.41	-7506.59	1441.93	-917.22
132	1	22.41	15.35	±	-2.81	10273.70	1064.33	13628.40	73504.50	711.72	668.62
132	1	22.41	15.35	6	-2.81	-59288.60	1779.30	3134.88	-8463.48	1452.09	-920.65
132	1	22.41	15.35	±	-2.81	11706.80	1214.11	15399.10	83458.40	810.09	743.83
132	1	22.41	15.35	7	-2.81	-59146.00	1763.24	2981.41	-7506.59	1441.93	-917.22
132	1	22.41	15.35	±	-2.81	9355.41	-167.71	13345.10	72076.60	341.10	-211.84
132	1	22.41	15.35	8	-2.81	-59288.60	1779.30	3134.88	-8463.48	1452.09	-920.65
132	1	22.41	15.35	±	-2.81	10696.10	-140.81	15083.30	81861.60	402.49	-224.46
132	1	22.41	15.35	9	-2.81	-56286.90	1441.21	-95.91	11679.80	1238.13	-848.27
132	1	22.41	15.35	±	-2.81	4474.89	2187.88	4518.28	24217.00	775.62	1535.96
132	1	22.41	15.35	10	-2.81	-56144.30	1425.15	-249.38	12636.70	1227.97	-844.83
132	1	22.41	15.35	±	-2.81	5044.98	2419.20	5098.66	27459.20	861.21	1691.72
132	1	22.41	15.35	11	-2.81	-56286.90	1441.21	-95.91	11679.80	1238.13	-848.27
132	1	22.41	15.35	±	-2.81	-1413.85	1918.89	-3573.77	-19457.40	459.78	1398.93
132	1	22.41	15.35	12	-2.81	-56144.30	1425.15	-249.38	12636.70	1227.97	-844.83
132	1	22.41	15.35	±	-2.81	-1675.90	2097.21	-4046.05	-22136.70	497.44	1535.91
132	1	22.41	15.35	13	-2.81	-56286.90	1441.21	-95.91	11679.80	1238.13	-848.27
132	1	22.41	15.35	±	-2.81	10273.70	1064.33	13628.40	73504.50	711.72	668.62
132	1	22.41	15.35	14	-2.81	-56144.30	1425.15	-249.38	12636.70	1227.97	-844.83
132	1	22.41	15.35	±	-2.81	11706.80	1214.11	15399.10	83458.40	810.09	743.83
132	1	22.41	15.35	15	-2.81	-56286.90	1441.21	-95.91	11679.80	1238.13	-848.27
132	1	22.41	15.35	±	-2.81	9355.41	-167.71	13345.10	72076.60	341.10	-211.84
132	1	22.41	15.35	16	-2.81	-56144.30	1425.15	-249.38	12636.70	1227.97	-844.83
132	1	22.41	15.35	±	-2.81	10696.10	-140.81	15083.30	81861.60	402.49	-224.46
132	1	22.41	15.35	17	-2.81	-84824.70	2164.69	2258.78	3778.11	1941.03	-1152.24
132	1	22.41	15.35	18	-2.81	-84503.30	2663.02	2265.92	3707.18	2085.71	-1521.52
132	1	22.41	15.35	19	-2.81	-85918.60	2437.95	4066.79	-5847.23	2082.14	-1361.04
132	1	22.41	15.35	20	-2.81	-83409.40	2389.76	457.91	13332.50	1944.60	-1312.72
132	1	22.41	15.35	21	-2.81	-60622.50	1390.31	1592.19	2795.95	1298.06	-724.84

132	1	22.41	15.35	22	-2.81	-60301.00	1888.64	1599.32	2725.02	1442.74	-1094.11
132	1	22.41	15.35	23	-2.81	-61716.30	1663.58	3400.20	-6829.40	1439.17	-933.63
132	1	22.41	15.35	24	-2.81	-59207.10	1615.38	-208.68	12350.40	1301.63	-885.32
132	1	22.41	15.35	25	-2.81	-58524.10	1362.05	1474.58	2284.29	1274.93	-704.59
132	1	22.41	15.35	26	-2.81	-58202.70	1860.38	1481.71	2213.36	1419.61	-1073.87
132	1	22.41	15.35	27	-2.81	-59618.00	1635.31	3282.58	-7341.05	1416.04	-913.39
132	1	22.41	15.35	28	-2.81	-57108.80	1587.12	-326.30	11838.70	1278.50	-865.07
132	1	22.41	15.35	29	-2.81	-57877.10	1353.06	1439.18	2122.05	1267.69	-698.11
132	1	22.41	15.35	30	-2.81	-57555.70	1851.39	1446.32	2051.12	1412.37	-1067.38
132	1	22.41	15.35	31	-2.81	-58971.00	1626.32	3247.19	-7503.29	1408.80	-906.90
132	1	22.41	15.35	32	-2.81	-56461.80	1578.13	-361.69	11676.50	1271.26	-858.59
132	2	22.41	15.35	1	-2.81	-58520.20	1763.24	2980.58	-6457.65	663.47	-923.47
132	2	22.41	15.35	±	-2.81	4473.13	2187.88	4517.82	22575.00	430.80	1546.33
132	2	22.41	15.35	2	-2.81	-58662.70	1779.30	3134.04	-7358.01	666.55	-926.94
132	2	22.41	15.35	±	-2.81	5042.98	2419.20	5098.14	25606.10	476.82	1703.14
132	2	22.41	15.35	3	-2.81	-58520.20	1763.24	2980.58	-6457.65	663.47	-923.47
132	2	22.41	15.35	±	-2.81	-1412.15	1918.89	-3573.40	-18155.80	147.83	1408.36
132	2	22.41	15.35	4	-2.81	-58662.70	1779.30	3134.04	-7358.01	666.55	-926.94
132	2	22.41	15.35	±	-2.81	-1673.96	2097.21	-4045.63	-20663.00	159.55	1546.27
132	2	22.41	15.35	5	-2.81	-58520.20	1763.24	2980.58	-6457.65	663.47	-923.47
132	2	22.41	15.35	±	-2.81	10267.90	1064.33	13627.00	68547.50	558.41	673.16
132	2	22.41	15.35	6	-2.81	-58662.70	1779.30	3134.04	-7358.01	666.55	-926.94
132	2	22.41	15.35	±	-2.81	11700.30	1214.11	15397.50	77856.60	624.24	748.88
132	2	22.41	15.35	7	-2.81	-58520.20	1763.24	2980.58	-6457.65	663.47	-923.47
132	2	22.41	15.35	±	-2.81	9349.65	-167.71	13343.70	67221.70	384.82	-213.25
132	2	22.41	15.35	8	-2.81	-58662.70	1779.30	3134.04	-7358.01	666.55	-926.94
132	2	22.41	15.35	±	-2.81	10689.50	-140.81	15081.70	76373.70	433.33	-225.95
132	2	22.41	15.35	9	-2.81	-55662.60	1441.21	-96.38	11595.20	601.83	-854.05
132	2	22.41	15.35	±	-2.81	4473.13	2187.88	4517.82	22575.00	430.80	1546.33
132	2	22.41	15.35	10	-2.81	-55520.10	1425.15	-249.84	12495.50	598.76	-850.59
132	2	22.41	15.35	±	-2.81	5042.98	2419.20	5098.14	25606.10	476.82	1703.14
132	2	22.41	15.35	11	-2.81	-55662.60	1441.21	-96.38	11595.20	601.83	-854.05
132	2	22.41	15.35	±	-2.81	-1412.15	1918.89	-3573.40	-18155.80	147.83	1408.36
132	2	22.41	15.35	12	-2.81	-55520.10	1425.15	-249.84	12495.50	598.76	-850.59
132	2	22.41	15.35	±	-2.81	-1673.96	2097.21	-4045.63	-20663.00	159.55	1546.27
132	2	22.41	15.35	13	-2.81	-55662.60	1441.21	-96.38	11595.20	601.83	-854.05
132	2	22.41	15.35	±	-2.81	10267.90	1064.33	13627.00	68547.50	558.41	673.16
132	2	22.41	15.35	14	-2.81	-55520.10	1425.15	-249.84	12495.50	598.76	-850.59
132	2	22.41	15.35	±	-2.81	11700.30	1214.11	15397.50	77856.60	624.24	748.88
132	2	22.41	15.35	15	-2.81	-55662.60	1441.21	-96.38	11595.20	601.83	-854.05
132	2	22.41	15.35	±	-2.81	9349.65	-167.71	13343.70	67221.70	384.82	-213.25
132	2	22.41	15.35	16	-2.81	-55520.10	1425.15	-249.84	12495.50	598.76	-850.59
132	2	22.41	15.35	±	-2.81	10689.50	-140.81	15081.70	76373.70	433.33	-225.95
132	2	22.41	15.35	17	-2.81	-84010.90	2164.69	2257.79	4530.72	985.31	-1160.11
132	2	22.41	15.35	18	-2.81	-83689.50	2663.02	2264.93	4462.53	910.01	-1531.88
132	2	22.41	15.35	19	-2.81	-85104.10	2437.95	4065.62	-4435.98	1005.80	-1370.32
132	2	22.41	15.35	20	-2.81	-82596.40	2389.76	457.10	13429.20	889.53	-1321.67
132	2	22.41	15.35	21	-2.81	-59997.20	1390.31	1591.51	3325.86	684.22	-729.79
132	2	22.41	15.35	22	-2.81	-59675.70	1888.64	1598.64	3257.68	608.92	-1101.56
132	2	22.41	15.35	23	-2.81	-61090.30	1663.58	3399.33	-5640.83	704.70	-940.00
132	2	22.41	15.35	24	-2.81	-58582.60	1615.38	-209.18	12224.40	588.44	-891.35
132	2	22.41	15.35	25	-2.81	-57899.00	1362.05	1473.92	2776.43	673.57	-709.41
132	2	22.41	15.35	26	-2.81	-57577.60	1860.38	1481.05	2708.24	598.27	-1081.18
132	2	22.41	15.35	27	-2.81	-58992.10	1635.31	3281.74	-6190.27	694.05	-919.62
132	2	22.41	15.35	28	-2.81	-56484.40	1587.12	-326.77	11674.90	577.78	-870.97
132	2	22.41	15.35	29	-2.81	-57252.10	1353.06	1438.53	2602.85	670.30	-702.88
132	2	22.41	15.35	30	-2.81	-56930.70	1851.39	1445.67	2534.67	595.00	-1074.65
132	2	22.41	15.35	31	-2.81	-58345.20	1626.32	3246.36	-6363.84	690.78	-913.09
132	2	22.41	15.35	32	-2.81	-55837.50	1578.13	-362.15	11501.40	574.52	-864.44
132	2	22.41	15.35	1	-2.37	-58520.20	1763.24	2980.58	-6457.76	663.58	-923.47
132	2	22.41	15.35	±	-2.37	4473.13	2187.88	4517.82	22575.00	430.81	1546.33
132	2	22.41	15.35	2	-2.37	-58662.70	1779.30	3134.04	-7358.12	666.66	-926.93
132	2	22.41	15.35	±	-2.37	5042.98	2419.20	5098.14	25606.10	476.83	1703.14
132	2	22.41	15.35	3	-2.37	-58520.20	1763.24	2980.58	-6457.76	663.58	-923.47
132	2	22.41	15.35	±	-2.37	-1412.15	1918.89	-3573.40	-18155.80	147.83	1408.37
132	2	22.41	15.35	4	-2.37	-58662.70	1779.30	3134.04	-7358.12	666.66	-926.93
132	2	22.41	15.35	±	-2.37	-1673.96	2097.21	-4045.63	-20663.00	159.55	1546.28
132	2	22.41	15.35	5	-2.37	-58520.20	1763.24	2980.58	-6457.76	663.58	-923.47
132	2	22.41	15.35	±	-2.37	10267.90	1064.33	13627.00	68547.50	558.43	673.13
132	2	22.41	15.35	6	-2.37	-58662.70	1779.30	3134.04	-7358.12	666.66	-926.93
132	2	22.41	15.35	±	-2.37	11700.30	1214.11	15397.50	77856.60	624.26	748.85
132	2	22.41	15.35	7	-2.37	-58520.20	1763.24	2980.58	-6457.76	663.58	-923.47
132	2	22.41	15.35	±	-2.37	9349.65	-167.71	13343.70	67221.70	384.83	-213.27
132	2	22.41	15.35	8	-2.37	-58662.70	1779.30	3134.04	-7358.12	666.66	-926.93
132	2	22.41	15.35	±	-2.37	10689.50	-140.81	15081.70	76373.70	433.35	-225.97
132	2	22.41	15.35	9	-2.37	-55662.60	1441.21	-96.38	11595.10	601.94	-854.06
132	2	22.41	15.35	±	-2.37	4473.13	2187.88	4517.82	22575.00	430.81	1546.33
132	2	22.41	15.35	10	-2.37	-55520.10	1425.15	-249.84	12495.40	598.86	-850.60
132	2	22.41	15.35	±	-2.37	5042.98	2419.20	5098.14	25606.10	476.83	1703.14
132	2	22.41	15.35	11	-2.37	-55662.60	1441.21	-96.38	11595.10	601.94	-854.06
132	2	22.41	15.35	±	-2.37	-1412.15	1918.89	-3573.40	-18155.80	147.83	1408.37
132	2	22.41	15.35	12	-2.37	-55520.10	1425.15	-249.84	12495.40	598.86	-850.60

132	2	22.41	15.35	±	-2.37	-1673.96	2097.21	-4045.63	-20663.00	159.55	1546.28
132	2	22.41	15.35	13	-2.37	-55662.60	1441.21	-96.38	11595.10	601.94	-854.06
132	2	22.41	15.35	±	-2.37	10267.90	1064.33	13627.00	68547.50	558.43	673.13
132	2	22.41	15.35	14	-2.37	-55520.10	1425.15	-249.84	12495.40	598.86	-850.60
132	2	22.41	15.35	±	-2.37	11700.30	1214.11	15397.50	77856.60	624.26	748.85
132	2	22.41	15.35	15	-2.37	-55662.60	1441.21	-96.38	11595.10	601.94	-854.06
132	2	22.41	15.35	±	-2.37	9349.65	-167.71	13343.70	67221.70	384.83	-213.27
132	2	22.41	15.35	16	-2.37	-55520.10	1425.15	-249.84	12495.40	598.86	-850.60
132	2	22.41	15.35	±	-2.37	10689.50	-140.81	15081.70	76373.70	433.35	-225.97
132	2	22.41	15.35	17	-2.37	-84010.90	2164.69	2257.79	4530.56	985.47	-1160.11
132	2	22.41	15.35	18	-2.37	-83689.50	2663.02	2264.93	4462.37	910.17	-1531.88
132	2	22.41	15.35	19	-2.37	-85104.10	2437.95	4065.62	-4436.14	1005.96	-1370.32
132	2	22.41	15.35	20	-2.37	-82596.40	2389.76	457.10	13429.10	889.69	-1321.67
132	2	22.41	15.35	21	-2.37	-59997.20	1390.31	1591.51	3325.75	684.33	-729.79
132	2	22.41	15.35	22	-2.37	-59675.70	1888.64	1598.64	3257.56	609.03	-1101.56
132	2	22.41	15.35	23	-2.37	-61090.30	1663.58	3399.33	-5640.95	704.82	-940.00
132	2	22.41	15.35	24	-2.37	-58582.60	1615.38	-209.18	12224.30	588.55	-891.36
132	2	22.41	15.35	25	-2.37	-57899.00	1362.05	1473.92	2776.32	673.68	-709.41
132	2	22.41	15.35	26	-2.37	-57577.60	1860.38	1481.05	2708.13	598.38	-1081.18
132	2	22.41	15.35	27	-2.37	-58992.10	1635.31	3281.74	-6190.38	694.16	-919.62
132	2	22.41	15.35	28	-2.37	-56484.40	1587.12	-326.77	11674.80	577.89	-870.97
132	2	22.41	15.35	29	-2.37	-57252.10	1353.06	1438.53	2602.74	670.41	-702.88
132	2	22.41	15.35	30	-2.37	-56930.70	1851.39	1445.67	2534.56	595.11	-1074.65
132	2	22.41	15.35	31	-2.37	-58345.20	1626.32	3246.36	-6363.95	690.90	-913.09
132	2	22.41	15.35	32	-2.37	-55837.50	1578.13	-362.15	11501.30	574.62	-864.44
132	3	22.41	15.35	1	-2.37	-57830.50	1763.24	2979.79	-5245.45	-114.88	-923.27
132	3	22.41	15.35	±	-2.37	4467.09	2187.88	4517.43	20766.80	1344.26	1544.77
132	3	22.41	15.35	2	-2.37	-57972.80	1779.30	3133.23	-6084.41	-118.89	-926.73
132	3	22.41	15.35	±	-2.37	5036.13	2419.20	5097.70	23566.40	1480.05	1701.42
132	3	22.41	15.35	3	-2.37	-57830.50	1763.24	2979.79	-5245.45	-114.88	-923.27
132	3	22.41	15.35	±	-2.37	-1407.60	1918.90	-3573.09	-16724.00	1046.62	1406.93
132	3	22.41	15.35	4	-2.37	-57972.80	1779.30	3133.23	-6084.41	-118.89	-926.73
132	3	22.41	15.35	±	-2.37	-1668.76	2097.21	-4045.28	-19042.70	1149.29	1544.70
132	3	22.41	15.35	5	-2.37	-57830.50	1763.24	2979.79	-5245.45	-114.88	-923.27
132	3	22.41	15.35	±	-2.37	10250.10	1064.33	13625.90	63091.20	854.69	672.47
132	3	22.41	15.35	6	-2.37	-57972.80	1779.30	3133.23	-6084.41	-118.89	-926.73
132	3	22.41	15.35	±	-2.37	11679.90	1214.11	15396.20	71693.70	945.67	748.12
132	3	22.41	15.35	7	-2.37	-57830.50	1763.24	2979.79	-5245.45	-114.88	-923.27
132	3	22.41	15.35	±	-2.37	9332.23	-167.71	13342.60	61878.30	137.43	-213.04
132	3	22.41	15.35	8	-2.37	-57972.80	1779.30	3133.23	-6084.41	-118.89	-926.73
132	3	22.41	15.35	±	-2.37	10669.70	-140.81	15080.40	70336.60	156.86	-225.72
132	3	22.41	15.35	9	-2.37	-54977.90	1441.21	-96.86	11576.10	-34.36	-853.90
132	3	22.41	15.35	±	-2.37	4467.09	2187.88	4517.43	20766.80	1344.26	1544.77
132	3	22.41	15.35	10	-2.37	-54835.60	1425.15	-250.31	12415.10	-30.35	-850.44
132	3	22.41	15.35	±	-2.37	5036.13	2419.20	5097.70	23566.40	1480.05	1701.42
132	3	22.41	15.35	11	-2.37	-54977.90	1441.21	-96.86	11576.10	-34.36	-853.90
132	3	22.41	15.35	±	-2.37	-1407.60	1918.90	-3573.09	-16724.00	1046.62	1406.93
132	3	22.41	15.35	12	-2.37	-54835.60	1425.15	-250.31	12415.10	-30.35	-850.44
132	3	22.41	15.35	±	-2.37	-1668.76	2097.21	-4045.28	-19042.70	1149.29	1544.70
132	3	22.41	15.35	13	-2.37	-54977.90	1441.21	-96.86	11576.10	-34.36	-853.90
132	3	22.41	15.35	±	-2.37	10250.10	1064.33	13625.90	63091.20	854.69	672.47
132	3	22.41	15.35	14	-2.37	-54835.60	1425.15	-250.31	12415.10	-30.35	-850.44
132	3	22.41	15.35	±	-2.37	11679.90	1214.11	15396.20	71693.70	945.67	748.12
132	3	22.41	15.35	15	-2.37	-54977.90	1441.21	-96.86	11576.10	-34.36	-853.90
132	3	22.41	15.35	±	-2.37	9332.23	-167.71	13342.60	61878.30	137.43	-213.04
132	3	22.41	15.35	16	-2.37	-54835.60	1425.15	-250.31	12415.10	-30.35	-850.44
132	3	22.41	15.35	±	-2.37	10669.70	-140.81	15080.40	70336.60	156.86	-225.72
132	3	22.41	15.35	17	-2.37	-83110.90	2164.69	2256.81	5465.62	29.75	-1160.01
132	3	22.41	15.35	18	-2.37	-82789.50	2663.02	2263.95	5400.24	-265.52	-1531.40
132	3	22.41	15.35	19	-2.37	-84201.80	2437.95	4064.48	-2774.76	-70.39	-1370.00
132	3	22.41	15.35	20	-2.37	-81698.60	2389.76	456.27	13640.60	-165.38	-1321.40
132	3	22.41	15.35	21	-2.37	-59308.20	1390.32	1590.83	3985.10	70.49	-729.77
132	3	22.41	15.35	22	-2.37	-58986.90	1888.64	1597.97	3919.72	-224.78	-1101.17
132	3	22.41	15.35	23	-2.37	-60399.10	1663.58	3398.50	-4255.28	-29.65	-939.77
132	3	22.41	15.35	24	-2.37	-57896.00	1615.38	-209.71	12160.10	-124.64	-891.17
132	3	22.41	15.35	25	-2.37	-57211.40	1362.05	1473.27	3386.43	72.32	-709.41
132	3	22.41	15.35	26	-2.37	-56890.00	1860.38	1480.40	3321.05	-222.96	-1080.80
132	3	22.41	15.35	27	-2.37	-58302.30	1635.31	3280.94	-4853.95	-27.83	-919.41
132	3	22.41	15.35	28	-2.37	-55799.20	1587.12	-327.27	11561.40	-122.82	-870.81
132	3	22.41	15.35	29	-2.37	-56564.90	1353.06	1437.89	3198.02	73.02	-702.89
132	3	22.41	15.35	30	-2.37	-56243.60	1851.39	1445.03	3132.64	-222.26	-1074.28
132	3	22.41	15.35	31	-2.37	-57655.80	1626.32	3245.56	-5042.35	-27.12	-912.88
132	3	22.41	15.35	32	-2.37	-55152.70	1578.13	-362.64	11373.00	-122.12	-864.28
132	3	22.41	15.35	1	-1.93	-57830.50	1763.24	2979.79	-5245.57	-114.77	-923.27
132	3	22.41	15.35	±	-1.93	4467.09	2187.88	4517.43	20766.80	1344.26	1544.76
132	3	22.41	15.35	2	-1.93	-57972.80	1779.30	3133.23	-6084.52	-118.78	-926.73
132	3	22.41	15.35	±	-1.93	5036.13	2419.20	5097.70	23566.40	1480.06	1701.42
132	3	22.41	15.35	3	-1.93	-57830.50	1763.24	2979.79	-5245.57	-114.77	-923.27
132	3	22.41	15.35	±	-1.93	-1407.60	1918.90	-3573.09	-16724.00	1046.62	1406.95
132	3	22.41	15.35	4	-1.93	-57972.80	1779.30	3133.23	-6084.52	-118.78	-926.73
132	3	22.41	15.35	±	-1.93	-1668.76	2097.21	-4045.28	-19042.70	1149.29	1544.72
132	3	22.41	15.35	5	-1.93	-57830.50	1763.24	2979.79	-5245.57	-114.77	-923.27

132	3	22.41	15.35	±	-1.93	10250.10	1064.33	13625.90	63091.20	854.71	672.45
132	3	22.41	15.35	6	-1.93	-57972.80	1779.30	3133.23	-6084.52	-118.78	-926.73
132	3	22.41	15.35	±	-1.93	11679.90	1214.11	15396.20	71693.70	945.68	748.09
132	3	22.41	15.35	7	-1.93	-57830.50	1763.24	2979.79	-5245.57	-114.77	-923.27
132	3	22.41	15.35	±	-1.93	9332.23	-167.71	13342.60	61878.30	137.44	-213.06
132	3	22.41	15.35	8	-1.93	-57972.80	1779.30	3133.23	-6084.52	-118.78	-926.73
132	3	22.41	15.35	±	-1.93	10669.70	-140.81	15080.40	70336.60	156.88	-225.75
132	3	22.41	15.35	9	-1.93	-54977.90	1441.21	-96.86	11576.00	-34.26	-853.90
132	3	22.41	15.35	±	-1.93	4467.09	2187.88	4517.43	20766.80	1344.26	1544.76
132	3	22.41	15.35	10	-1.93	-54835.60	1425.15	-250.31	12415.00	-30.24	-850.44
132	3	22.41	15.35	±	-1.93	5036.13	2419.20	5097.70	23566.40	1480.06	1701.42
132	3	22.41	15.35	11	-1.93	-54977.90	1441.21	-96.86	11576.00	-34.26	-853.90
132	3	22.41	15.35	±	-1.93	-1407.60	1918.90	-3573.09	-16724.00	1046.62	1406.95
132	3	22.41	15.35	12	-1.93	-54835.60	1425.15	-250.31	12415.00	-30.24	-850.44
132	3	22.41	15.35	±	-1.93	-1668.76	2097.21	-4045.28	-19042.70	1149.29	1544.72
132	3	22.41	15.35	13	-1.93	-54977.90	1441.21	-96.86	11576.00	-34.26	-853.90
132	3	22.41	15.35	±	-1.93	10250.10	1064.33	13625.90	63091.20	854.71	672.45
132	3	22.41	15.35	14	-1.93	-54835.60	1425.15	-250.31	12415.00	-30.24	-850.44
132	3	22.41	15.35	±	-1.93	11679.90	1214.11	15396.20	71693.70	945.68	748.09
132	3	22.41	15.35	15	-1.93	-54977.90	1441.21	-96.86	11576.00	-34.26	-853.90
132	3	22.41	15.35	±	-1.93	9332.23	-167.71	13342.60	61878.30	137.44	-213.06
132	3	22.41	15.35	16	-1.93	-54835.60	1425.15	-250.31	12415.00	-30.24	-850.44
132	3	22.41	15.35	±	-1.93	10669.70	-140.81	15080.40	70336.60	156.88	-225.75
132	3	22.41	15.35	17	-1.93	-83110.90	2164.69	2256.81	5465.46	29.91	-1160.01
132	3	22.41	15.35	18	-1.93	-82789.50	2663.02	2263.95	5400.08	-265.37	-1531.40
132	3	22.41	15.35	19	-1.93	-84201.80	2437.95	4064.48	-2774.92	-70.23	-1370.00
132	3	22.41	15.35	20	-1.93	-81698.60	2389.76	456.27	13640.50	-165.23	-1321.41
132	3	22.41	15.35	21	-1.93	-59308.20	1390.32	1590.83	3984.98	70.61	-729.77
132	3	22.41	15.35	22	-1.93	-58986.90	1888.64	1597.97	3919.60	-224.67	-1101.17
132	3	22.41	15.35	23	-1.93	-60399.10	1663.58	3398.50	-4255.40	-29.53	-939.77
132	3	22.41	15.35	24	-1.93	-57896.00	1615.38	-209.71	12160.00	-124.53	-891.17
132	3	22.41	15.35	25	-1.93	-57211.40	1362.05	1473.27	3386.32	72.42	-709.41
132	3	22.41	15.35	26	-1.93	-56890.00	1860.38	1480.40	3320.94	-222.85	-1080.80
132	3	22.41	15.35	27	-1.93	-58302.30	1635.31	3280.94	-4854.06	-27.71	-919.40
132	3	22.41	15.35	28	-1.93	-55799.20	1587.12	-327.27	11561.30	-122.71	-870.81
132	3	22.41	15.35	29	-1.93	-56564.90	1353.06	1437.89	3197.92	73.13	-702.89
132	3	22.41	15.35	30	-1.93	-56243.60	1851.39	1445.03	3132.54	-222.15	-1074.28
132	3	22.41	15.35	31	-1.93	-57655.80	1626.32	3245.56	-5042.46	-27.01	-912.88
132	3	22.41	15.35	32	-1.93	-55152.70	1578.13	-362.64	11372.90	-122.01	-864.29
132	4	22.41	15.35	1	-1.93	-57154.80	1763.24	2978.99	-4022.01	-893.21	-922.39
132	4	22.41	15.35	±	-1.93	4460.82	2187.88	4517.08	18911.60	2278.80	1543.92
132	4	22.41	15.35	2	-1.93	-57296.80	1779.30	3132.42	-4797.72	-904.32	-925.85
132	4	22.41	15.35	±	-1.93	5029.00	2419.20	5097.30	21473.50	2510.54	1700.49
132	4	22.41	15.35	3	-1.93	-57154.80	1763.24	2978.99	-4022.01	-893.21	-922.39
132	4	22.41	15.35	±	-1.93	-1402.10	1918.89	-3572.81	-15254.20	1924.82	1406.17
132	4	22.41	15.35	4	-1.93	-57296.80	1779.30	3132.42	-4797.72	-904.32	-925.85
132	4	22.41	15.35	±	-1.93	-1662.48	2097.21	-4044.96	-17379.20	2112.36	1543.86
132	4	22.41	15.35	5	-1.93	-57154.80	1763.24	2978.99	-4022.01	-893.21	-922.39
132	4	22.41	15.35	±	-1.93	10230.30	1064.33	13624.80	57491.60	1220.51	672.09
132	4	22.41	15.35	6	-1.93	-57296.80	1779.30	3132.42	-4797.72	-904.32	-925.85
132	4	22.41	15.35	±	-1.93	11657.50	1214.11	15394.90	65368.60	1357.07	747.70
132	4	22.41	15.35	7	-1.93	-57154.80	1763.24	2978.99	-4022.01	-893.21	-922.39
132	4	22.41	15.35	±	-1.93	9312.71	-167.71	13341.50	56394.30	-40.57	-212.94
132	4	22.41	15.35	8	-1.93	-57296.80	1779.30	3132.42	-4797.72	-904.32	-925.85
132	4	22.41	15.35	±	-1.93	10647.50	-140.81	15079.20	64140.30	-29.80	-225.61
132	4	22.41	15.35	9	-1.93	-54307.60	1441.21	-97.37	11531.50	-670.55	-853.01
132	4	22.41	15.35	±	-1.93	4460.82	2187.88	4517.08	18911.60	2278.80	1543.92
132	4	22.41	15.35	10	-1.93	-54165.60	1425.15	-250.80	12307.20	-659.44	-849.54
132	4	22.41	15.35	±	-1.93	5029.00	2419.20	5097.30	21473.50	2510.54	1700.49
132	4	22.41	15.35	11	-1.93	-54307.60	1441.21	-97.37	11531.50	-670.55	-853.01
132	4	22.41	15.35	±	-1.93	-1402.10	1918.89	-3572.81	-15254.20	1924.82	1406.17
132	4	22.41	15.35	12	-1.93	-54165.60	1425.15	-250.80	12307.20	-659.44	-849.54
132	4	22.41	15.35	±	-1.93	-1662.48	2097.21	-4044.96	-17379.20	2112.36	1543.86
132	4	22.41	15.35	13	-1.93	-54307.60	1441.21	-97.37	11531.50	-670.55	-853.01
132	4	22.41	15.35	±	-1.93	10230.30	1064.33	13624.80	57491.60	1220.51	672.09
132	4	22.41	15.35	14	-1.93	-54165.60	1425.15	-250.80	12307.20	-659.44	-849.54
132	4	22.41	15.35	±	-1.93	11657.50	1214.11	15394.90	65368.60	1357.07	747.70
132	4	22.41	15.35	15	-1.93	-54307.60	1441.21	-97.37	11531.50	-670.55	-853.01
132	4	22.41	15.35	±	-1.93	9312.71	-167.71	13341.50	56394.30	-40.57	-212.94
132	4	22.41	15.35	16	-1.93	-54165.60	1425.15	-250.80	12307.20	-659.44	-849.54
132	4	22.41	15.35	±	-1.93	10647.50	-140.81	15079.20	64140.30	-29.80	-225.61
132	4	22.41	15.35	17	-1.93	-82232.90	2164.69	2255.81	6388.58	-925.79	-1158.77
132	4	22.41	15.35	18	-1.93	-81911.50	2663.02	2262.95	6326.12	-1441.05	-1529.96
132	4	22.41	15.35	19	-1.93	-83321.20	2437.95	4063.35	-1106.22	-1146.56	-1368.65
132	4	22.41	15.35	20	-1.93	-80823.20	2389.76	455.42	13820.90	-1220.28	-1320.08
132	4	22.41	15.35	21	-1.93	-58634.10	1390.32	1590.14	4635.82	-543.23	-728.97
132	4	22.41	15.35	22	-1.93	-58312.80	1888.65	1597.28	4573.36	-1058.48	-1100.16
132	4	22.41	15.35	23	-1.93	-59722.40	1663.58	3397.68	-2858.98	-763.99	-938.85
132	4	22.41	15.35	24	-1.93	-57224.50	1615.38	-210.25	12068.20	-837.71	-890.28
132	4	22.41	15.35	25	-1.93	-56538.10	1362.06	1472.61	3988.88	-528.93	-708.62
132	4	22.41	15.35	26	-1.93	-56216.80	1860.38	1479.74	3926.42	-1044.18	-1079.81
132	4	22.41	15.35	27	-1.93	-57626.40	1635.32	3280.14	-3505.92	-749.69	-918.50

132	4	22.41	15.35	28	-1.93	-55128.50	1587.12	-327.79	11421.20	-823.41	-869.93
132	4	22.41	15.35	29	-1.93	-55891.90	1353.06	1437.24	3785.96	-524.26	-702.10
132	4	22.41	15.35	30	-1.93	-55570.50	1851.39	1444.38	3723.50	-1039.51	-1073.29
132	4	22.41	15.35	31	-1.93	-56980.20	1626.32	3244.77	-3708.83	-745.02	-911.98
132	4	22.41	15.35	32	-1.93	-54482.20	1578.13	-363.15	11218.30	-818.74	-863.41
132	4	22.41	15.35	1	-1.48	-57154.80	1763.24	2978.99	-4022.12	-893.10	-922.38
132	4	22.41	15.35	±	-1.48	4460.82	2187.88	4517.08	18911.60	2278.81	1543.92
132	4	22.41	15.35	2	-1.48	-57296.80	1779.30	3132.42	-4797.83	-904.21	-925.85
132	4	22.41	15.35	±	-1.48	5029.00	2419.20	5097.30	21473.50	2510.55	1700.49
132	4	22.41	15.35	3	-1.48	-57154.80	1763.24	2978.99	-4022.12	-893.10	-922.38
132	4	22.41	15.35	±	-1.48	-1402.10	1918.89	-3572.81	-15254.20	1924.82	1406.18
132	4	22.41	15.35	4	-1.48	-57296.80	1779.30	3132.42	-4797.83	-904.21	-925.85
132	4	22.41	15.35	±	-1.48	-1662.48	2097.21	-4044.96	-17379.20	2112.36	1543.88
132	4	22.41	15.35	5	-1.48	-57154.80	1763.24	2978.99	-4022.12	-893.10	-922.38
132	4	22.41	15.35	±	-1.48	10230.30	1064.33	13624.80	57491.60	1220.52	672.07
132	4	22.41	15.35	6	-1.48	-57296.80	1779.30	3132.42	-4797.83	-904.21	-925.85
132	4	22.41	15.35	±	-1.48	11657.50	1214.11	15394.90	65368.60	1357.08	747.67
132	4	22.41	15.35	7	-1.48	-57154.80	1763.24	2978.99	-4022.12	-893.10	-922.38
132	4	22.41	15.35	±	-1.48	9312.71	-167.71	13341.50	56394.40	-40.57	-212.96
132	4	22.41	15.35	8	-1.48	-57296.80	1779.30	3132.42	-4797.83	-904.21	-925.85
132	4	22.41	15.35	±	-1.48	10647.50	-140.81	15079.20	64140.30	-29.79	-225.63
132	4	22.41	15.35	9	-1.48	-54307.60	1441.21	-97.37	11531.40	-670.45	-853.01
132	4	22.41	15.35	±	-1.48	4460.82	2187.88	4517.08	18911.60	2278.81	1543.92
132	4	22.41	15.35	10	-1.48	-54165.60	1425.15	-250.80	12307.10	-659.34	-849.55
132	4	22.41	15.35	±	-1.48	5029.00	2419.20	5097.30	21473.50	2510.55	1700.49
132	4	22.41	15.35	11	-1.48	-54307.60	1441.21	-97.37	11531.40	-670.45	-853.01
132	4	22.41	15.35	±	-1.48	-1402.10	1918.89	-3572.81	-15254.20	1924.82	1406.18
132	4	22.41	15.35	12	-1.48	-54165.60	1425.15	-250.80	12307.10	-659.34	-849.55
132	4	22.41	15.35	±	-1.48	-1662.48	2097.21	-4044.96	-17379.20	2112.36	1543.88
132	4	22.41	15.35	13	-1.48	-54307.60	1441.21	-97.37	11531.40	-670.45	-853.01
132	4	22.41	15.35	±	-1.48	10230.30	1064.33	13624.80	57491.60	1220.52	672.07
132	4	22.41	15.35	14	-1.48	-54165.60	1425.15	-250.80	12307.10	-659.34	-849.55
132	4	22.41	15.35	±	-1.48	11657.50	1214.11	15394.90	65368.60	1357.08	747.67
132	4	22.41	15.35	15	-1.48	-54307.60	1441.21	-97.37	11531.40	-670.45	-853.01
132	4	22.41	15.35	±	-1.48	9312.71	-167.71	13341.50	56394.40	-40.57	-212.96
132	4	22.41	15.35	16	-1.48	-54165.60	1425.15	-250.80	12307.10	-659.34	-849.55
132	4	22.41	15.35	±	-1.48	10647.50	-140.81	15079.20	64140.30	-29.79	-225.63
132	4	22.41	15.35	17	-1.48	-82232.90	2164.69	2255.81	6388.42	-925.64	-1158.77
132	4	22.41	15.35	18	-1.48	-81911.50	2663.02	2262.95	6325.96	-1440.89	-1529.96
132	4	22.41	15.35	19	-1.48	-83321.20	2437.95	4063.35	-1106.37	-1146.40	-1368.65
132	4	22.41	15.35	20	-1.48	-80823.20	2389.76	455.42	13820.80	-1220.13	-1320.08
132	4	22.41	15.35	21	-1.48	-58634.10	1390.32	1590.14	4635.71	-543.12	-728.97
132	4	22.41	15.35	22	-1.48	-58312.80	1888.65	1597.28	4573.25	-1058.37	-1100.16
132	4	22.41	15.35	23	-1.48	-59722.40	1663.58	3397.68	-2859.09	-763.88	-938.85
132	4	22.41	15.35	24	-1.48	-57224.50	1615.38	-210.25	12068.00	-837.60	-890.28
132	4	22.41	15.35	25	-1.48	-56538.10	1362.06	1472.61	3988.77	-528.82	-708.62
132	4	22.41	15.35	26	-1.48	-56216.80	1860.38	1479.74	3926.31	-1044.07	-1079.81
132	4	22.41	15.35	27	-1.48	-57626.40	1635.32	3280.14	-3506.03	-749.58	-918.50
132	4	22.41	15.35	28	-1.48	-55128.50	1587.12	-327.79	11421.10	-823.31	-869.93
132	4	22.41	15.35	29	-1.48	-55891.90	1353.06	1437.24	3785.85	-524.15	-702.10
132	4	22.41	15.35	30	-1.48	-55570.50	1851.39	1444.38	3723.40	-1039.40	-1073.29
132	4	22.41	15.35	31	-1.48	-56980.20	1626.32	3244.77	-3708.94	-744.91	-911.98
132	4	22.41	15.35	32	-1.48	-54482.20	1578.13	-363.15	11218.20	-818.64	-863.41
132	5	22.41	15.35	1	-1.48	-56559.10	1763.24	2978.17	-2781.27	-1671.55	-927.91
132	5	22.41	15.35	±	-1.48	4464.08	2187.88	4516.75	17050.20	3226.28	1543.59
132	5	22.41	15.35	2	-1.48	-56701.20	1779.30	3131.59	-3493.40	-1689.75	-931.37
132	5	22.41	15.35	±	-1.48	5032.70	2419.20	5096.93	19373.60	3557.31	1700.13
132	5	22.41	15.35	3	-1.48	-56559.10	1763.24	2978.17	-2781.27	-1671.55	-927.91
132	5	22.41	15.35	±	-1.48	-1404.42	1918.90	-3572.55	-13778.50	2790.15	1405.81
132	5	22.41	15.35	4	-1.48	-56701.20	1779.30	3131.59	-3493.40	-1689.75	-931.37
132	5	22.41	15.35	±	-1.48	-1665.15	2097.21	-4044.66	-15709.20	3059.21	1543.47
132	5	22.41	15.35	5	-1.48	-56559.10	1763.24	2978.17	-2781.27	-1671.55	-927.91
132	5	22.41	15.35	±	-1.48	10239.80	1064.33	13623.80	51872.00	1629.36	672.04
132	5	22.41	15.35	6	-1.48	-56701.20	1779.30	3131.59	-3493.40	-1689.75	-931.37
132	5	22.41	15.35	±	-1.48	11668.20	1214.11	15393.80	59021.00	1822.63	747.64
132	5	22.41	15.35	7	-1.48	-56559.10	1763.24	2978.17	-2781.27	-1671.55	-927.91
132	5	22.41	15.35	±	-1.48	9321.89	-167.71	13340.50	50890.50	-175.57	-212.78
132	5	22.41	15.35	8	-1.48	-56701.20	1779.30	3131.59	-3493.40	-1689.75	-931.37
132	5	22.41	15.35	±	-1.48	10657.90	-140.81	15078.10	57921.70	-162.32	-225.44
132	5	22.41	15.35	9	-1.48	-53709.30	1441.21	-97.92	11497.30	-1306.73	-858.53
132	5	22.41	15.35	±	-1.48	4464.08	2187.88	4516.75	17050.20	3226.28	1543.59
132	5	22.41	15.35	10	-1.48	-53567.20	1425.15	-251.33	12209.40	-1288.54	-855.07
132	5	22.41	15.35	±	-1.48	5032.70	2419.20	5096.93	19373.60	3557.31	1700.13
132	5	22.41	15.35	11	-1.48	-53709.30	1441.21	-97.92	11497.30	-1306.73	-858.53
132	5	22.41	15.35	±	-1.48	-1404.42	1918.90	-3572.55	-13778.50	2790.15	1405.81
132	5	22.41	15.35	12	-1.48	-53567.20	1425.15	-251.33	12209.40	-1288.54	-855.07
132	5	22.41	15.35	±	-1.48	-1665.15	2097.21	-4044.66	-15709.20	3059.21	1543.47
132	5	22.41	15.35	13	-1.48	-53709.30	1441.21	-97.92	11497.30	-1306.73	-858.53
132	5	22.41	15.35	±	-1.48	10239.80	1064.33	13623.80	51872.00	1629.36	672.04
132	5	22.41	15.35	14	-1.48	-53567.20	1425.15	-251.33	12209.40	-1288.54	-855.07
132	5	22.41	15.35	±	-1.48	11668.20	1214.11	15393.80	59021.00	1822.63	747.64
132	5	22.41	15.35	15	-1.48	-53709.30	1441.21	-97.92	11497.30	-1306.73	-858.53

132	5	22.41	15.35	±	-1.48	9321.89	-167.71	13340.50	50890.50	-175.57	-212.78
132	5	22.41	15.35	16	-1.48	-53567.20	1425.15	-251.33	12209.40	-1288.54	-855.07
132	5	22.41	15.35	±	-1.48	10657.90	-140.81	15078.10	57921.70	-162.32	-225.44
132	5	22.41	15.35	17	-1.48	-81468.80	2164.69	2254.78	7332.89	-1881.34	-1167.04
132	5	22.41	15.35	18	-1.48	-81147.40	2663.02	2261.91	7273.41	-2616.57	-1538.14
132	5	22.41	15.35	19	-1.48	-82558.30	2437.95	4062.18	586.88	-2222.73	-1376.88
132	5	22.41	15.35	20	-1.48	-80057.90	2389.76	454.51	14019.40	-2275.18	-1328.29
132	5	22.41	15.35	21	-1.48	-58039.20	1390.32	1589.43	5301.33	-1156.95	-734.54
132	5	22.41	15.35	22	-1.48	-57717.80	1888.64	1596.57	5241.84	-1892.17	-1105.64
132	5	22.41	15.35	23	-1.48	-59128.70	1663.58	3396.83	-1444.69	-1498.34	-944.38
132	5	22.41	15.35	24	-1.48	-56628.30	1615.38	-210.84	11987.90	-1550.78	-895.79
132	5	22.41	15.35	25	-1.48	-55941.70	1362.05	1471.92	4605.40	-1130.17	-714.19
132	5	22.41	15.35	26	-1.48	-55620.20	1860.38	1479.06	4545.92	-1865.40	-1085.29
132	5	22.41	15.35	27	-1.48	-57031.10	1635.32	3279.32	-2140.61	-1471.56	-924.03
132	5	22.41	15.35	28	-1.48	-54530.80	1587.12	-328.35	11291.90	-1524.01	-875.44
132	5	22.41	15.35	29	-1.48	-55294.90	1353.06	1436.56	4387.73	-1121.53	-707.67
132	5	22.41	15.35	30	-1.48	-54973.50	1851.39	1443.70	4328.25	-1856.76	-1078.77
132	5	22.41	15.35	31	-1.48	-56384.40	1626.32	3243.96	-2358.28	-1462.92	-917.51
132	5	22.41	15.35	32	-1.48	-53884.00	1578.13	-363.70	11074.30	-1515.37	-868.92
132	5	22.41	15.35	1	-1.04	-56559.10	1763.24	2978.17	-2781.38	-1671.44	-927.91
132	5	22.41	15.35	±	-1.04	4464.08	2187.88	4516.75	17050.20	3226.29	1543.58
132	5	22.41	15.35	2	-1.04	-56701.20	1779.30	3131.59	-3493.51	-1689.64	-931.37
132	5	22.41	15.35	±	-1.04	5032.70	2419.20	5096.93	19373.60	3557.31	1700.12
132	5	22.41	15.35	3	-1.04	-56559.10	1763.24	2978.17	-2781.38	-1671.44	-927.91
132	5	22.41	15.35	±	-1.04	-1404.42	1918.90	-3572.55	-13778.50	2790.15	1405.82
132	5	22.41	15.35	4	-1.04	-56701.20	1779.30	3131.59	-3493.51	-1689.64	-931.37
132	5	22.41	15.35	±	-1.04	-1665.15	2097.21	-4044.66	-15709.20	3059.21	1543.48
132	5	22.41	15.35	5	-1.04	-56559.10	1763.24	2978.17	-2781.38	-1671.44	-927.91
132	5	22.41	15.35	±	-1.04	10239.80	1064.33	13623.80	51872.00	1629.36	672.01
132	5	22.41	15.35	6	-1.04	-56701.20	1779.30	3131.59	-3493.51	-1689.64	-931.37
132	5	22.41	15.35	±	-1.04	11668.20	1214.11	15393.80	59021.10	1822.64	747.61
132	5	22.41	15.35	7	-1.04	-56559.10	1763.24	2978.17	-2781.38	-1671.44	-927.91
132	5	22.41	15.35	±	-1.04	9321.89	-167.71	13340.50	50890.50	-175.57	-212.81
132	5	22.41	15.35	8	-1.04	-56701.20	1779.30	3131.59	-3493.51	-1689.64	-931.37
132	5	22.41	15.35	±	-1.04	10657.90	-140.81	15078.10	57921.70	-162.32	-225.47
132	5	22.41	15.35	9	-1.04	-53709.30	1441.21	-97.92	11497.20	-1306.63	-858.53
132	5	22.41	15.35	±	-1.04	4464.08	2187.88	4516.75	17050.20	3226.29	1543.58
132	5	22.41	15.35	10	-1.04	-53567.20	1425.15	-251.33	12209.30	-1288.44	-855.07
132	5	22.41	15.35	±	-1.04	5032.70	2419.20	5096.93	19373.60	3557.31	1700.12
132	5	22.41	15.35	11	-1.04	-53709.30	1441.21	-97.92	11497.20	-1306.63	-858.53
132	5	22.41	15.35	±	-1.04	-1404.42	1918.90	-3572.55	-13778.50	2790.15	1405.82
132	5	22.41	15.35	12	-1.04	-53567.20	1425.15	-251.33	12209.30	-1288.44	-855.07
132	5	22.41	15.35	±	-1.04	-1665.15	2097.21	-4044.66	-15709.20	3059.21	1543.48
132	5	22.41	15.35	13	-1.04	-53709.30	1441.21	-97.92	11497.20	-1306.63	-858.53
132	5	22.41	15.35	±	-1.04	10239.80	1064.33	13623.80	51872.00	1629.36	672.01
132	5	22.41	15.35	14	-1.04	-53567.20	1425.15	-251.33	12209.30	-1288.44	-855.07
132	5	22.41	15.35	±	-1.04	11668.20	1214.11	15393.80	59021.10	1822.64	747.61
132	5	22.41	15.35	15	-1.04	-53709.30	1441.21	-97.92	11497.20	-1306.63	-858.53
132	5	22.41	15.35	±	-1.04	9321.89	-167.71	13340.50	50890.50	-175.57	-212.81
132	5	22.41	15.35	16	-1.04	-53567.20	1425.15	-251.33	12209.30	-1288.44	-855.07
132	5	22.41	15.35	±	-1.04	10657.90	-140.81	15078.10	57921.70	-162.32	-225.47
132	5	22.41	15.35	17	-1.04	-81468.80	2164.69	2254.78	7332.73	-1881.19	-1167.04
132	5	22.41	15.35	18	-1.04	-81147.40	2663.02	2261.91	7273.25	-2616.41	-1538.14
132	5	22.41	15.35	19	-1.04	-82558.30	2437.95	4062.18	586.72	-2222.57	-1376.88
132	5	22.41	15.35	20	-1.04	-80057.90	2389.76	454.51	14019.30	-2275.03	-1328.30
132	5	22.41	15.35	21	-1.04	-58039.20	1390.32	1589.43	5301.22	-1156.84	-734.54
132	5	22.41	15.35	22	-1.04	-57717.80	1888.64	1596.57	5241.73	-1892.06	-1105.64
132	5	22.41	15.35	23	-1.04	-59128.70	1663.58	3396.83	-1444.80	-1498.22	-944.38
132	5	22.41	15.35	24	-1.04	-56628.30	1615.38	-210.84	11987.80	-1550.68	-895.80
132	5	22.41	15.35	25	-1.04	-55941.70	1362.05	1471.92	4605.29	-1130.07	-714.19
132	5	22.41	15.35	26	-1.04	-55620.20	1860.38	1479.06	4545.81	-1865.29	-1085.29
132	5	22.41	15.35	27	-1.04	-57031.10	1635.32	3279.32	-2140.72	-1471.45	-924.03
132	5	22.41	15.35	28	-1.04	-54530.80	1587.12	-328.35	11291.80	-1523.91	-875.45
132	5	22.41	15.35	29	-1.04	-55294.90	1353.06	1436.56	4387.63	-1121.42	-707.67
132	5	22.41	15.35	30	-1.04	-54973.50	1851.39	1443.70	4328.15	-1856.65	-1078.77
132	5	22.41	15.35	31	-1.04	-56384.40	1626.32	3243.96	-2358.39	-1462.81	-917.51
132	5	22.41	15.35	32	-1.04	-53884.00	1578.13	-363.70	11074.20	-1515.26	-868.93
132	6	22.41	15.35	1	-1.04	-55784.30	1763.24	2977.33	-1614.66	-2449.90	-932.12
132	6	22.41	15.35	±	-1.04	4411.30	2187.88	4516.46	15215.60	4180.77	1549.61
132	6	22.41	15.35	2	-1.04	-55924.20	1779.30	3130.74	-2264.07	-2475.18	-935.61
132	6	22.41	15.35	±	-1.04	4972.79	2419.20	5096.59	17304.20	4612.52	1706.78
132	6	22.41	15.35	3	-1.04	-55784.30	1763.24	2977.33	-1614.66	-2449.90	-932.12
132	6	22.41	15.35	±	-1.04	-1358.04	1918.89	-3572.31	-12323.10	3648.49	1411.08
132	6	22.41	15.35	4	-1.04	-55924.20	1779.30	3130.74	-2264.07	-2475.18	-935.61
132	6	22.41	15.35	±	-1.04	-1612.35	2097.21	-4044.38	-14062.30	3997.66	1549.23
132	6	22.41	15.35	5	-1.04	-55784.30	1763.24	2977.33	-1614.66	-2449.90	-932.12
132	6	22.41	15.35	±	-1.04	10073.50	1064.33	13622.90	46331.70	2061.53	675.00
132	6	22.41	15.35	6	-1.04	-55924.20	1779.30	3130.74	-2264.07	-2475.18	-935.61
132	6	22.41	15.35	±	-1.04	11479.30	1214.11	15392.80	52763.70	2316.29	750.99
132	6	22.41	15.35	7	-1.04	-55784.30	1763.24	2977.33	-1614.66	-2449.90	-932.12
132	6	22.41	15.35	±	-1.04	9157.57	-167.71	13339.60	45463.90	-287.25	-213.21
132	6	22.41	15.35	8	-1.04	-55924.20	1779.30	3130.74	-2264.07	-2475.18	-935.61

132	6	22.41	15.35	±	-1.04	10471.20	-140.81	15077.10	51791.10	-266.76	-225.81
132	6	22.41	15.35	9	-1.04	-52979.10	1441.21	-98.50	11406.50	-1942.93	-861.99
132	6	22.41	15.35	±	-1.04	4411.30	2187.88	4516.46	15215.60	4180.77	1549.61
132	6	22.41	15.35	10	-1.04	-52839.20	1425.15	-251.90	12055.90	-1917.64	-858.50
132	6	22.41	15.35	±	-1.04	4972.79	2419.20	5096.59	17304.20	4612.52	1706.78
132	6	22.41	15.35	11	-1.04	-52979.10	1441.21	-98.50	11406.50	-1942.93	-861.99
132	6	22.41	15.35	±	-1.04	-1358.04	1918.89	-3572.31	-12323.10	3648.49	1411.08
132	6	22.41	15.35	12	-1.04	-52839.20	1425.15	-251.90	12055.90	-1917.64	-858.50
132	6	22.41	15.35	±	-1.04	-1612.35	2097.21	-4044.38	-14062.30	3997.66	1549.23
132	6	22.41	15.35	13	-1.04	-52979.10	1441.21	-98.50	11406.50	-1942.93	-861.99
132	6	22.41	15.35	±	-1.04	10073.50	1064.33	13622.90	46331.70	2061.53	675.00
132	6	22.41	15.35	14	-1.04	-52839.20	1425.15	-251.90	12055.90	-1917.64	-858.50
132	6	22.41	15.35	±	-1.04	11479.30	1214.11	15392.80	52763.70	2316.29	750.99
132	6	22.41	15.35	15	-1.04	-52979.10	1441.21	-98.50	11406.50	-1942.93	-861.99
132	6	22.41	15.35	±	-1.04	9157.57	-167.71	13339.60	45463.90	-287.25	-213.21
132	6	22.41	15.35	16	-1.04	-52839.20	1425.15	-251.90	12055.90	-1917.64	-858.50
132	6	22.41	15.35	±	-1.04	10471.20	-140.81	15077.10	51791.10	-266.76	-225.81
132	6	22.41	15.35	17	-1.04	-80467.20	2164.69	2253.69	8176.74	-2836.90	-1172.09
132	6	22.41	15.35	18	-1.04	-80145.80	2663.02	2260.83	8120.33	-3792.11	-1544.62
132	6	22.41	15.35	19	-1.04	-81535.00	2437.95	4060.98	2169.85	-3298.92	-1382.81
132	6	22.41	15.35	20	-1.04	-79078.10	2389.76	453.55	14127.20	-3330.09	-1333.90
132	6	22.41	15.35	21	-1.04	-57281.80	1390.31	1588.69	5897.43	-1770.67	-737.74
132	6	22.41	15.35	22	-1.04	-56960.40	1888.64	1595.82	5841.01	-2725.88	-1110.27
132	6	22.41	15.35	23	-1.04	-58349.60	1663.58	3395.97	-109.46	-2232.69	-948.46
132	6	22.41	15.35	24	-1.04	-55892.70	1615.38	-211.46	11847.90	-2263.86	-899.54
132	6	22.41	15.35	25	-1.04	-55187.90	1362.05	1471.20	5155.55	-1731.43	-717.33
132	6	22.41	15.35	26	-1.04	-54866.50	1860.38	1478.34	5099.14	-2686.63	-1089.85
132	6	22.41	15.35	27	-1.04	-56255.70	1635.31	3278.49	-851.34	-2193.44	-928.05
132	6	22.41	15.35	28	-1.04	-53798.80	1587.12	-328.95	11106.00	-2224.62	-879.13
132	6	22.41	15.35	29	-1.04	-54542.40	1353.06	1435.85	4924.12	-1718.81	-710.79
132	6	22.41	15.35	30	-1.04	-54221.00	1851.39	1442.98	4867.70	-2674.01	-1083.32
132	6	22.41	15.35	31	-1.04	-55610.20	1626.32	3243.13	-1082.78	-2180.82	-921.51
132	6	22.41	15.35	32	-1.04	-53153.20	1578.13	-364.30	10874.60	-2212.00	-872.60
132	6	22.41	15.35	1	-0.60	-55784.30	1763.24	2977.33	-1614.77	-2449.79	-932.11
132	6	22.41	15.35	±	-0.60	4411.30	2187.88	4516.46	15215.60	4180.78	1549.61
132	6	22.41	15.35	2	-0.60	-55924.20	1779.30	3130.74	-2264.18	-2475.08	-935.61
132	6	22.41	15.35	±	-0.60	4972.79	2419.20	5096.59	17304.20	4612.52	1706.78
132	6	22.41	15.35	3	-0.60	-55784.30	1763.24	2977.33	-1614.77	-2449.79	-932.11
132	6	22.41	15.35	±	-0.60	-1358.04	1918.89	-3572.31	-12323.10	3648.49	1411.09
132	6	22.41	15.35	4	-0.60	-55924.20	1779.30	3130.74	-2264.18	-2475.08	-935.61
132	6	22.41	15.35	±	-0.60	-1612.35	2097.21	-4044.38	-14062.30	3997.66	1549.24
132	6	22.41	15.35	5	-0.60	-55784.30	1763.24	2977.33	-1614.77	-2449.79	-932.11
132	6	22.41	15.35	±	-0.60	10073.50	1064.33	13622.90	46331.70	2061.53	674.97
132	6	22.41	15.35	6	-0.60	-55924.20	1779.30	3130.74	-2264.18	-2475.08	-935.61
132	6	22.41	15.35	±	-0.60	11479.30	1214.11	15392.80	52763.70	2316.30	750.97
132	6	22.41	15.35	7	-0.60	-55784.30	1763.24	2977.33	-1614.77	-2449.79	-932.11
132	6	22.41	15.35	±	-0.60	9157.57	-167.71	13339.60	45464.00	-287.25	-213.24
132	6	22.41	15.35	8	-0.60	-55924.20	1779.30	3130.74	-2264.18	-2475.08	-935.61
132	6	22.41	15.35	±	-0.60	10471.20	-140.81	15077.10	51791.20	-266.76	-225.84
132	6	22.41	15.35	9	-0.60	-52979.10	1441.21	-98.50	11406.40	-1942.83	-862.00
132	6	22.41	15.35	±	-0.60	4411.30	2187.88	4516.46	15215.60	4180.78	1549.61
132	6	22.41	15.35	10	-0.60	-52839.20	1425.15	-251.90	12055.80	-1917.54	-858.50
132	6	22.41	15.35	±	-0.60	4972.79	2419.20	5096.59	17304.20	4612.52	1706.78
132	6	22.41	15.35	11	-0.60	-52979.10	1441.21	-98.50	11406.40	-1942.83	-862.00
132	6	22.41	15.35	±	-0.60	-1358.04	1918.89	-3572.31	-12323.10	3648.49	1411.09
132	6	22.41	15.35	12	-0.60	-52839.20	1425.15	-251.90	12055.80	-1917.54	-858.50
132	6	22.41	15.35	±	-0.60	-1612.35	2097.21	-4044.38	-14062.30	3997.66	1549.24
132	6	22.41	15.35	13	-0.60	-52979.10	1441.21	-98.50	11406.40	-1942.83	-862.00
132	6	22.41	15.35	±	-0.60	10073.50	1064.33	13622.90	46331.70	2061.53	674.97
132	6	22.41	15.35	14	-0.60	-52839.20	1425.15	-251.90	12055.80	-1917.54	-858.50
132	6	22.41	15.35	±	-0.60	11479.30	1214.11	15392.80	52763.70	2316.30	750.97
132	6	22.41	15.35	15	-0.60	-52979.10	1441.21	-98.50	11406.40	-1942.83	-862.00
132	6	22.41	15.35	±	-0.60	9157.57	-167.71	13339.60	45464.00	-287.25	-213.24
132	6	22.41	15.35	16	-0.60	-52839.20	1425.15	-251.90	12055.80	-1917.54	-858.50
132	6	22.41	15.35	±	-0.60	10471.20	-140.81	15077.10	51791.20	-266.76	-225.84
132	6	22.41	15.35	17	-0.60	-80467.20	2164.69	2253.69	8176.59	-2836.75	-1172.09
132	6	22.41	15.35	18	-0.60	-80145.80	2663.02	2260.83	8120.18	-3791.95	-1544.62
132	6	22.41	15.35	19	-0.60	-81535.00	2437.95	4060.98	2169.70	-3298.76	-1382.81
132	6	22.41	15.35	20	-0.60	-79078.10	2389.76	453.55	14127.10	-3329.94	-1333.90
132	6	22.41	15.35	21	-0.60	-57281.80	1390.31	1588.69	5897.32	-1770.56	-737.74
132	6	22.41	15.35	22	-0.60	-56960.40	1888.64	1595.82	5840.90	-2725.77	-1110.27
132	6	22.41	15.35	23	-0.60	-58349.60	1663.58	3395.97	-109.58	-2232.58	-948.46
132	6	22.41	15.35	24	-0.60	-55892.70	1615.38	-211.46	11847.80	-2263.76	-899.55
132	6	22.41	15.35	25	-0.60	-55187.90	1362.05	1471.20	5155.45	-1731.32	-717.33
132	6	22.41	15.35	26	-0.60	-54866.50	1860.38	1478.34	5099.03	-2686.53	-1089.85
132	6	22.41	15.35	27	-0.60	-56255.70	1635.31	3278.49	-851.45	-2193.33	-928.05
132	6	22.41	15.35	28	-0.60	-53798.80	1587.12	-328.95	11105.90	-2224.51	-879.14
132	6	22.41	15.35	29	-0.60	-54542.40	1353.06	1435.85	4924.01	-1718.71	-710.79
132	6	22.41	15.35	30	-0.60	-54221.00	1851.39	1442.98	4867.60	-2673.91	-1083.32
132	6	22.41	15.35	31	-0.60	-55610.20	1626.32	3243.13	-1082.88	-2180.72	-921.51
132	6	22.41	15.35	32	-0.60	-53153.20	1578.13	-364.30	10874.50	-2211.90	-872.60
132	7	22.41	15.35	1	-0.60	-52615.80	1763.24	2976.58	-2196.25	-3228.24	-769.97

132	7	22.41	15.35	±	-0.60	3697.16	2187.88	4516.24	14312.00	5139.11	1544.20
132	7	22.41	15.35	2	-0.60	-52726.00	1779.30	3129.98	-2819.93	-3260.62	-773.33
132	7	22.41	15.35	±	-0.60	4162.61	2419.20	5096.35	16290.80	5672.19	1700.72
132	7	22.41	15.35	3	-0.60	-52615.80	1763.24	2976.58	-2196.25	-3228.24	-769.97
132	7	22.41	15.35	±	-0.60	-745.65	1918.89	-3572.13	-11616.80	4503.00	1405.19
132	7	22.41	15.35	4	-0.60	-52726.00	1779.30	3129.98	-2819.93	-3260.62	-773.33
132	7	22.41	15.35	±	-0.60	-915.05	2097.21	-4044.18	-13267.90	4931.64	1542.86
132	7	22.41	15.35	5	-0.60	-52615.80	1763.24	2976.58	-2196.25	-3228.24	-769.97
132	7	22.41	15.35	±	-0.60	7847.41	1064.33	13622.20	43619.10	2506.50	674.08
132	7	22.41	15.35	6	-0.60	-52726.00	1779.30	3129.98	-2819.93	-3260.62	-773.33
132	7	22.41	15.35	±	-0.60	8949.91	1214.11	15392.00	49717.90	2824.83	749.64
132	7	22.41	15.35	7	-0.60	-52615.80	1763.24	2976.58	-2196.25	-3228.24	-769.97
132	7	22.41	15.35	±	-0.60	6961.96	-167.71	13339.00	42810.50	-386.14	-210.73
132	7	22.41	15.35	8	-0.60	-52726.00	1779.30	3129.98	-2819.93	-3260.62	-773.33
132	7	22.41	15.35	±	-0.60	7975.65	-140.81	15076.40	48811.00	-356.33	-223.43
132	7	22.41	15.35	9	-0.60	-50406.50	1441.21	-99.05	10309.10	-2579.12	-702.57
132	7	22.41	15.35	±	-0.60	3697.16	2187.88	4516.24	14312.00	5139.11	1544.20
132	7	22.41	15.35	10	-0.60	-50296.30	1425.15	-252.45	10932.70	-2546.75	-699.21
132	7	22.41	15.35	±	-0.60	4162.61	2419.20	5096.35	16290.80	5672.19	1700.72
132	7	22.41	15.35	11	-0.60	-50406.50	1441.21	-99.05	10309.10	-2579.12	-702.57
132	7	22.41	15.35	±	-0.60	-745.65	1918.89	-3572.13	-11616.80	4503.00	1405.19
132	7	22.41	15.35	12	-0.60	-50296.30	1425.15	-252.45	10932.70	-2546.75	-699.21
132	7	22.41	15.35	±	-0.60	-915.05	2097.21	-4044.18	-13267.90	4931.64	1542.86
132	7	22.41	15.35	13	-0.60	-50406.50	1441.21	-99.05	10309.10	-2579.12	-702.57
132	7	22.41	15.35	±	-0.60	7847.41	1064.33	13622.20	43619.10	2506.50	674.08
132	7	22.41	15.35	14	-0.60	-50296.30	1425.15	-252.45	10932.70	-2546.75	-699.21
132	7	22.41	15.35	±	-0.60	8949.91	1214.11	15392.00	49717.90	2824.83	749.64
132	7	22.41	15.35	15	-0.60	-50406.50	1441.21	-99.05	10309.10	-2579.12	-702.57
132	7	22.41	15.35	±	-0.60	6961.96	-167.71	13339.00	42810.50	-386.14	-210.73
132	7	22.41	15.35	16	-0.60	-50296.30	1425.15	-252.45	10932.70	-2546.75	-699.21
132	7	22.41	15.35	±	-0.60	7975.65	-140.81	15076.40	48811.00	-356.33	-223.43
132	7	22.41	15.35	17	-0.60	-76237.70	2164.69	2252.70	6903.04	-3792.46	-933.27
132	7	22.41	15.35	18	-0.60	-75918.50	2663.02	2259.84	6845.93	-4967.64	-1304.40
132	7	22.41	15.35	19	-0.60	-77016.00	2437.95	4059.90	1264.83	-4375.10	-1143.28
132	7	22.41	15.35	20	-0.60	-75140.20	2389.76	452.64	12484.10	-4385.00	-1094.39
132	7	22.41	15.35	21	-0.60	-54316.20	1390.32	1588.01	5028.65	-2384.40	-577.40
132	7	22.41	15.35	22	-0.60	-53997.00	1888.64	1595.14	4971.54	-3559.58	-948.54
132	7	22.41	15.35	23	-0.60	-55094.50	1663.58	3395.21	-609.56	-2967.04	-787.42
132	7	22.41	15.35	24	-0.60	-53218.70	1615.38	-212.06	10609.80	-2976.94	-738.53
132	7	22.41	15.35	25	-0.60	-52292.80	1362.05	1470.54	4307.92	-2332.68	-557.18
132	7	22.41	15.35	26	-0.60	-51973.60	1860.38	1477.68	4250.82	-3507.86	-928.32
132	7	22.41	15.35	27	-0.60	-53071.10	1635.32	3277.74	-1330.29	-2915.32	-767.20
132	7	22.41	15.35	28	-0.60	-51195.30	1587.12	-329.52	9889.03	-2925.22	-718.30
132	7	22.41	15.35	29	-0.60	-51670.80	1353.06	1435.20	4084.95	-2316.09	-550.70
132	7	22.41	15.35	30	-0.60	-51351.60	1851.39	1442.33	4027.85	-3491.27	-921.84
132	7	22.41	15.35	31	-0.60	-52449.10	1626.32	3242.40	-1553.25	-2898.73	-760.72
132	7	22.41	15.35	32	-0.60	-50573.30	1578.13	-364.87	9666.06	-2908.63	-711.83
132	7	22.41	15.35	1	-0.16	-52615.80	1763.24	2976.58	-2196.35	-3228.14	-769.97
132	7	22.41	15.35	±	-0.16	3697.16	2187.88	4516.24	14312.00	5139.11	1544.19
132	7	22.41	15.35	2	-0.16	-52726.00	1779.30	3129.98	-2820.03	-3260.52	-773.33
132	7	22.41	15.35	±	-0.16	4162.61	2419.20	5096.35	16290.80	5672.20	1700.72
132	7	22.41	15.35	3	-0.16	-52615.80	1763.24	2976.58	-2196.35	-3228.14	-769.97
132	7	22.41	15.35	±	-0.16	-745.65	1918.89	-3572.13	-11616.80	4503.00	1405.20
132	7	22.41	15.35	4	-0.16	-52726.00	1779.30	3129.98	-2820.03	-3260.52	-773.33
132	7	22.41	15.35	±	-0.16	-915.05	2097.21	-4044.18	-13267.90	4931.65	1542.87
132	7	22.41	15.35	5	-0.16	-52615.80	1763.24	2976.58	-2196.35	-3228.14	-769.97
132	7	22.41	15.35	±	-0.16	7847.41	1064.33	13622.20	43619.10	2506.50	674.06
132	7	22.41	15.35	6	-0.16	-52726.00	1779.30	3129.98	-2820.03	-3260.52	-773.33
132	7	22.41	15.35	±	-0.16	8949.91	1214.11	15392.00	49717.90	2824.83	749.61
132	7	22.41	15.35	7	-0.16	-52615.80	1763.24	2976.58	-2196.35	-3228.14	-769.97
132	7	22.41	15.35	±	-0.16	6961.96	-167.71	13339.00	42810.50	-386.14	-210.76
132	7	22.41	15.35	8	-0.16	-52726.00	1779.30	3129.98	-2820.03	-3260.52	-773.33
132	7	22.41	15.35	±	-0.16	7975.65	-140.81	15076.40	48811.00	-356.33	-223.46
132	7	22.41	15.35	9	-0.16	-50406.50	1441.21	-99.05	10309.00	-2579.02	-702.57
132	7	22.41	15.35	±	-0.16	3697.16	2187.88	4516.24	14312.00	5139.11	1544.19
132	7	22.41	15.35	10	-0.16	-50296.30	1425.15	-252.45	10932.60	-2546.65	-699.21
132	7	22.41	15.35	±	-0.16	4162.61	2419.20	5096.35	16290.80	5672.20	1700.72
132	7	22.41	15.35	11	-0.16	-50406.50	1441.21	-99.05	10309.00	-2579.02	-702.57
132	7	22.41	15.35	±	-0.16	-745.65	1918.89	-3572.13	-11616.80	4503.00	1405.20
132	7	22.41	15.35	12	-0.16	-50296.30	1425.15	-252.45	10932.60	-2546.65	-699.21
132	7	22.41	15.35	±	-0.16	-915.05	2097.21	-4044.18	-13267.90	4931.65	1542.87
132	7	22.41	15.35	13	-0.16	-50406.50	1441.21	-99.05	10309.00	-2579.02	-702.57
132	7	22.41	15.35	±	-0.16	7847.41	1064.33	13622.20	43619.10	2506.50	674.06
132	7	22.41	15.35	14	-0.16	-50296.30	1425.15	-252.45	10932.60	-2546.65	-699.21
132	7	22.41	15.35	±	-0.16	8949.91	1214.11	15392.00	49717.90	2824.83	749.61
132	7	22.41	15.35	15	-0.16	-50406.50	1441.21	-99.05	10309.00	-2579.02	-702.57
132	7	22.41	15.35	±	-0.16	6961.96	-167.71	13339.00	42810.50	-386.14	-210.76
132	7	22.41	15.35	16	-0.16	-50296.30	1425.15	-252.45	10932.60	-2546.65	-699.21
132	7	22.41	15.35	±	-0.16	7975.65	-140.81	15076.40	48811.00	-356.33	-223.46
132	7	22.41	15.35	17	-0.16	-76237.70	2164.69	2252.70	6902.89	-3792.32	-933.27
132	7	22.41	15.35	18	-0.16	-75918.50	2663.02	2259.84	6845.78	-4967.50	-1304.40
132	7	22.41	15.35	19	-0.16	-77016.00	2437.95	4059.90	1264.68	-4374.95	-1143.28

132	7	22.41	15.35	20	-0.16	-75140.20	2389.76	452.64	12484.00	-4384.86	-1094.39
132	7	22.41	15.35	21	-0.16	-54316.20	1390.32	1588.01	5028.55	-2384.30	-577.40
132	7	22.41	15.35	22	-0.16	-53997.00	1888.64	1595.14	4971.44	-3559.48	-948.54
132	7	22.41	15.35	23	-0.16	-55094.50	1663.58	3395.21	-609.67	-2966.94	-787.41
132	7	22.41	15.35	24	-0.16	-53218.70	1615.38	-212.06	10609.70	-2976.84	-738.53
132	7	22.41	15.35	25	-0.16	-52292.80	1362.05	1470.54	4307.82	-2332.58	-557.18
132	7	22.41	15.35	26	-0.16	-51973.60	1860.38	1477.68	4250.72	-3507.76	-928.32
132	7	22.41	15.35	27	-0.16	-53071.10	1635.32	3277.74	-1330.39	-2915.22	-767.19
132	7	22.41	15.35	28	-0.16	-51195.30	1587.12	-329.52	9888.93	-2925.12	-718.31
132	7	22.41	15.35	29	-0.16	-51670.80	1353.06	1435.20	4084.86	-2315.99	-550.70
132	7	22.41	15.35	30	-0.16	-51351.60	1851.39	1442.33	4027.75	-3491.18	-921.84
132	7	22.41	15.35	31	-0.16	-52449.10	1626.32	3242.40	-1553.35	-2898.63	-760.71
132	7	22.41	15.35	32	-0.16	-50573.30	1578.13	-364.87	9665.96	-2908.54	-711.83
132	8	22.41	15.35	1	-0.16	-37730.60	910.80	3343.86	-3310.90	1443.58	-137.61
132	8	22.41	15.35	±	-0.16	4039.42	1499.24	4737.10	13122.30	5793.30	1401.16
132	8	22.41	15.35	2	-0.16	-37862.80	897.81	3504.23	-3904.63	1406.07	-114.74
132	8	22.41	15.35	±	-0.16	4557.46	1656.06	5345.32	14961.00	6393.08	1552.84
132	8	22.41	15.35	3	-0.16	-37730.60	910.80	3343.86	-3310.90	1443.58	-137.61
132	8	22.41	15.35	±	-0.16	-1305.21	1189.06	-3779.59	-10715.70	5005.79	831.75
132	8	22.41	15.35	4	-0.16	-37862.80	897.81	3504.23	-3904.63	1406.07	-114.74
132	8	22.41	15.35	±	-0.16	-1547.96	1300.37	-4277.18	-12257.10	5483.14	902.79
132	8	22.41	15.35	5	-0.16	-37730.60	910.80	3343.86	-3310.90	1443.58	-137.61
132	8	22.41	15.35	±	-0.16	9317.86	920.22	14338.10	40090.90	2932.37	1283.96
132	8	22.41	15.35	6	-0.16	-37862.80	897.81	3504.23	-3904.63	1406.07	-114.74
132	8	22.41	15.35	±	-0.16	10627.10	1036.28	16197.70	45769.20	3297.99	1451.76
132	8	22.41	15.35	7	-0.16	-37730.60	910.80	3343.86	-3310.90	1443.58	-137.61
132	8	22.41	15.35	±	-0.16	8497.59	113.73	14050.90	39368.90	-307.36	614.09
132	8	22.41	15.35	8	-0.16	-37862.80	897.81	3504.23	-3904.63	1406.07	-114.74
132	8	22.41	15.35	±	-0.16	9724.27	149.35	15877.30	44958.00	-264.87	715.07
132	8	22.41	15.35	9	-0.16	-35081.10	1171.18	128.33	8593.89	2195.72	-596.00
132	8	22.41	15.35	±	-0.16	4039.42	1499.24	4737.10	13122.30	5793.30	1401.16
132	8	22.41	15.35	10	-0.16	-34948.90	1184.17	-32.04	9187.63	2233.23	-618.86
132	8	22.41	15.35	±	-0.16	4557.46	1656.06	5345.32	14961.00	6393.08	1552.84
132	8	22.41	15.35	11	-0.16	-35081.10	1171.18	128.33	8593.89	2195.72	-596.00
132	8	22.41	15.35	±	-0.16	-1305.21	1189.06	-3779.59	-10715.70	5005.79	831.75
132	8	22.41	15.35	12	-0.16	-34948.90	1184.17	-32.04	9187.63	2233.23	-618.86
132	8	22.41	15.35	±	-0.16	-1547.96	1300.37	-4277.18	-12257.10	5483.14	902.79
132	8	22.41	15.35	13	-0.16	-35081.10	1171.18	128.33	8593.89	2195.72	-596.00
132	8	22.41	15.35	±	-0.16	9317.86	920.22	14338.10	40090.90	2932.37	1283.96
132	8	22.41	15.35	14	-0.16	-34948.90	1184.17	-32.04	9187.63	2233.23	-618.86
132	8	22.41	15.35	±	-0.16	10627.10	1036.28	16197.70	45769.20	3297.99	1451.76
132	8	22.41	15.35	15	-0.16	-35081.10	1171.18	128.33	8593.89	2195.72	-596.00
132	8	22.41	15.35	±	-0.16	8497.59	113.73	14050.90	39368.90	-307.36	614.09
132	8	22.41	15.35	16	-0.16	-34948.90	1184.17	-32.04	9187.63	2233.23	-618.86
132	8	22.41	15.35	±	-0.16	9724.27	149.35	15877.30	44958.00	-264.87	715.07
132	8	22.41	15.35	17	-0.16	-53260.50	1715.66	2705.48	4524.99	3290.44	-676.39
132	8	22.41	15.35	18	-0.16	-52975.40	1367.76	2725.84	4441.40	1980.87	-405.65
132	8	22.41	15.35	19	-0.16	-54254.40	1554.58	4616.07	-642.86	2656.85	-566.95
132	8	22.41	15.35	20	-0.16	-51981.60	1528.85	815.25	9609.26	2614.46	-515.09
132	8	22.41	15.35	21	-0.16	-38372.10	1206.85	1898.25	3288.82	2401.05	-495.96
132	8	22.41	15.35	22	-0.16	-38086.90	858.95	1918.60	3205.23	1091.48	-225.22
132	8	22.41	15.35	23	-0.16	-39365.90	1045.76	3808.84	-1879.03	1767.46	-386.52
132	8	22.41	15.35	24	-0.16	-37093.10	1020.04	8.01	8373.09	1725.07	-334.66
132	8	22.41	15.35	25	-0.16	-36965.00	1212.87	1765.72	2820.08	2456.61	-500.63
132	8	22.41	15.35	26	-0.16	-36679.80	864.98	1786.08	2736.49	1147.04	-229.89
132	8	22.41	15.35	27	-0.16	-37958.80	1051.79	3676.31	-2347.78	1823.02	-391.19
132	8	22.41	15.35	28	-0.16	-35686.00	1026.06	-124.51	7904.35	1780.63	-339.33
132	8	22.41	15.35	29	-0.16	-36548.40	1214.94	1725.92	2683.29	2474.43	-502.17
132	8	22.41	15.35	30	-0.16	-36263.30	867.04	1746.27	2599.70	1164.86	-231.43
132	8	22.41	15.35	31	-0.16	-37542.30	1053.85	3636.50	-2484.56	1840.84	-392.73
132	8	22.41	15.35	32	-0.16	-35269.50	1028.13	-164.32	7767.56	1798.45	-340.88
132	8	22.41	15.35	1	0.34	-37730.60	910.80	3343.86	-3310.97	1443.65	-137.60
132	8	22.41	15.35	±	0.34	4039.42	1499.24	4737.10	13122.30	5793.30	1401.16
132	8	22.41	15.35	2	0.34	-37862.80	897.81	3504.23	-3904.71	1406.14	-114.74
132	8	22.41	15.35	±	0.34	4557.46	1656.06	5345.32	14961.00	6393.08	1552.84
132	8	22.41	15.35	3	0.34	-37730.60	910.80	3343.86	-3310.97	1443.65	-137.60
132	8	22.41	15.35	±	0.34	-1305.21	1189.06	-3779.59	-10715.70	5005.80	831.75
132	8	22.41	15.35	4	0.34	-37862.80	897.81	3504.23	-3904.71	1406.14	-114.74
132	8	22.41	15.35	±	0.34	-1547.96	1300.37	-4277.18	-12257.10	5483.15	902.80
132	8	22.41	15.35	5	0.34	-37730.60	910.80	3343.86	-3310.97	1443.65	-137.60
132	8	22.41	15.35	±	0.34	9317.86	920.22	14338.10	40090.90	2932.37	1283.95
132	8	22.41	15.35	6	0.34	-37862.80	897.81	3504.23	-3904.71	1406.14	-114.74
132	8	22.41	15.35	±	0.34	10627.10	1036.28	16197.70	45769.20	3298.00	1451.75
132	8	22.41	15.35	7	0.34	-37730.60	910.80	3343.86	-3310.97	1443.65	-137.60
132	8	22.41	15.35	±	0.34	8497.59	113.73	14050.90	39368.90	-307.36	614.07
132	8	22.41	15.35	8	0.34	-37862.80	897.81	3504.23	-3904.71	1406.14	-114.74
132	8	22.41	15.35	±	0.34	9724.27	149.35	15877.30	44958.00	-264.87	715.06
132	8	22.41	15.35	9	0.34	-35081.10	1171.18	128.33	8593.83	2195.78	-596.00
132	8	22.41	15.35	±	0.34	4039.42	1499.24	4737.10	13122.30	5793.30	1401.16
132	8	22.41	15.35	10	0.34	-34948.90	1184.17	-32.04	9187.56	2233.29	-618.87
132	8	22.41	15.35	±	0.34	4557.46	1656.06	5345.32	14961.00	6393.08	1552.84
132	8	22.41	15.35	11	0.34	-35081.10	1171.18	128.33	8593.83	2195.78	-596.00

132	8	22.41	15.35	±	0.34	-1305.21	1189.06	-3779.59	-10715.70	5005.80	831.75
132	8	22.41	15.35	12	0.34	-34948.90	1184.17	-32.04	9187.56	2233.29	-618.87
132	8	22.41	15.35	±	0.34	-1547.96	1300.37	-4277.18	-12257.10	5483.15	902.80
132	8	22.41	15.35	13	0.34	-35081.10	1171.18	128.33	8593.83	2195.78	-596.00
132	8	22.41	15.35	±	0.34	9317.86	920.22	14338.10	40090.90	2932.37	1283.95
132	8	22.41	15.35	14	0.34	-34948.90	1184.17	-32.04	9187.56	2233.29	-618.87
132	8	22.41	15.35	±	0.34	10627.10	1036.28	16197.70	45769.20	3298.00	1451.75
132	8	22.41	15.35	15	0.34	-35081.10	1171.18	128.33	8593.83	2195.78	-596.00
132	8	22.41	15.35	±	0.34	8497.59	113.73	14050.90	39368.90	-307.36	614.07
132	8	22.41	15.35	16	0.34	-34948.90	1184.17	-32.04	9187.56	2233.29	-618.87
132	8	22.41	15.35	±	0.34	9724.27	149.35	15877.30	44958.00	-264.87	715.06
132	8	22.41	15.35	17	0.34	-53260.50	1715.66	2705.48	4524.89	3290.54	-676.39
132	8	22.41	15.35	18	0.34	-52975.40	1367.76	2725.84	4441.30	1980.97	-405.64
132	8	22.41	15.35	19	0.34	-54254.40	1554.58	4616.07	-642.97	2656.96	-566.94
132	8	22.41	15.35	20	0.34	-51981.60	1528.85	815.25	9609.16	2614.56	-515.09
132	8	22.41	15.35	21	0.34	-38372.10	1206.85	1898.25	3288.75	2401.12	-495.96
132	8	22.41	15.35	22	0.34	-38086.90	858.95	1918.60	3205.16	1091.55	-225.22
132	8	22.41	15.35	23	0.34	-39365.90	1045.76	3808.84	-1879.11	1767.54	-386.51
132	8	22.41	15.35	24	0.34	-37093.10	1020.04	8.01	8373.02	1725.14	-334.66
132	8	22.41	15.35	25	0.34	-36965.00	1212.87	1765.72	2820.01	2456.68	-500.63
132	8	22.41	15.35	26	0.34	-36679.80	864.98	1786.08	2736.42	1147.11	-229.89
132	8	22.41	15.35	27	0.34	-37958.80	1051.79	3676.31	-2347.85	1823.09	-391.19
132	8	22.41	15.35	28	0.34	-35686.00	1026.06	-124.51	7904.28	1780.70	-339.34
132	8	22.41	15.35	29	0.34	-36548.40	1214.94	1725.92	2683.22	2474.50	-502.17
132	8	22.41	15.35	30	0.34	-36263.30	867.04	1746.27	2599.63	1164.93	-231.43
132	8	22.41	15.35	31	0.34	-37542.30	1053.85	3636.50	-2484.64	1840.91	-392.73
132	8	22.41	15.35	32	0.34	-35269.50	1028.13	-164.32	7767.49	1798.52	-340.88
132	9	22.41	15.35	1	0.34	-34873.90	910.80	3343.92	-3220.23	988.18	-294.82
132	9	22.41	15.35	±	0.34	3460.61	1499.24	4736.92	11644.00	5044.27	1432.77
132	9	22.41	15.35	2	0.34	-34981.90	897.81	3504.28	-3766.64	957.16	-271.65
132	9	22.41	15.35	±	0.34	3900.70	1656.06	5345.12	13298.30	5565.73	1587.71
132	9	22.41	15.35	3	0.34	-34873.90	910.80	3343.92	-3220.23	988.18	-294.82
132	9	22.41	15.35	±	0.34	-806.40	1189.06	-3779.45	-9533.09	4410.69	853.06
132	9	22.41	15.35	4	0.34	-34981.90	897.81	3504.28	-3766.64	957.16	-271.65
132	9	22.41	15.35	±	0.34	-980.03	1300.37	-4277.02	-10923.70	4832.30	926.12
132	9	22.41	15.35	5	0.34	-34873.90	910.80	3343.92	-3220.23	988.18	-294.82
132	9	22.41	15.35	±	0.34	7509.82	920.22	14337.60	35611.80	2474.22	1309.05
132	9	22.41	15.35	6	0.34	-34981.90	897.81	3504.28	-3766.64	957.16	-271.65
132	9	22.41	15.35	±	0.34	8572.65	1036.28	16197.10	40726.20	2782.09	1479.73
132	9	22.41	15.35	7	0.34	-34873.90	910.80	3343.92	-3220.23	988.18	-294.82
132	9	22.41	15.35	±	0.34	6713.56	113.73	14050.30	34978.50	-362.27	623.31
132	9	22.41	15.35	8	0.34	-34981.90	897.81	3504.28	-3766.64	957.16	-271.65
132	9	22.41	15.35	±	0.34	7696.45	149.35	15876.70	40013.80	-337.32	725.58
132	9	22.41	15.35	9	0.34	-32709.70	1171.18	128.56	7735.84	1610.12	-759.55
132	9	22.41	15.35	±	0.34	3460.61	1499.24	4736.92	11644.00	5044.27	1432.77
132	9	22.41	15.35	10	0.34	-32601.80	1184.17	-31.80	8282.26	1641.14	-782.72
132	9	22.41	15.35	±	0.34	3900.70	1656.06	5345.12	13298.30	5565.73	1587.71
132	9	22.41	15.35	11	0.34	-32709.70	1171.18	128.56	7735.84	1610.12	-759.55
132	9	22.41	15.35	±	0.34	-806.40	1189.06	-3779.45	-9533.09	4410.69	853.06
132	9	22.41	15.35	12	0.34	-32601.80	1184.17	-31.80	8282.26	1641.14	-782.72
132	9	22.41	15.35	±	0.34	-980.03	1300.37	-4277.02	-10923.70	4832.30	926.12
132	9	22.41	15.35	13	0.34	-32709.70	1171.18	128.56	7735.84	1610.12	-759.55
132	9	22.41	15.35	±	0.34	7509.82	920.22	14337.60	35611.80	2474.22	1309.05
132	9	22.41	15.35	14	0.34	-32601.80	1184.17	-31.80	8282.26	1641.14	-782.72
132	9	22.41	15.35	±	0.34	8572.65	1036.28	16197.10	40726.20	2782.09	1479.73
132	9	22.41	15.35	15	0.34	-32709.70	1171.18	128.56	7735.84	1610.12	-759.55
132	9	22.41	15.35	±	0.34	6713.56	113.73	14050.30	34978.50	-362.27	623.31
132	9	22.41	15.35	16	0.34	-32601.80	1184.17	-31.80	8282.26	1641.14	-782.72
132	9	22.41	15.35	±	0.34	7696.45	149.35	15876.70	40013.80	-337.32	725.58
132	9	22.41	15.35	17	0.34	-49444.80	1715.66	2705.71	3948.31	2432.61	-918.16
132	9	22.41	15.35	18	0.34	-49161.00	1367.76	2726.07	3871.13	1296.99	-641.01
132	9	22.41	15.35	19	0.34	-50203.20	1554.58	4616.23	-609.41	1879.56	-806.54
132	9	22.41	15.35	20	0.34	-48402.70	1528.85	815.55	8428.86	1850.03	-752.64
132	9	22.41	15.35	21	0.34	-35678.60	1206.85	1898.40	2900.91	1797.62	-659.42
132	9	22.41	15.35	22	0.34	-35394.80	858.95	1918.75	2823.74	662.00	-382.27
132	9	22.41	15.35	23	0.34	-36436.90	1045.76	3808.92	-1656.81	1244.58	-547.79
132	9	22.41	15.35	24	0.34	-34636.40	1020.04	8.24	7381.46	1215.05	-493.89
132	9	22.41	15.35	25	0.34	-34330.60	1212.87	1765.87	2431.59	1850.17	-664.19
132	9	22.41	15.35	26	0.34	-34046.80	864.98	1786.23	2354.41	714.55	-387.04
132	9	22.41	15.35	27	0.34	-35089.00	1051.79	3676.39	-2126.14	1297.13	-552.56
132	9	22.41	15.35	28	0.34	-33288.40	1026.06	-124.29	6912.13	1267.60	-498.66
132	9	22.41	15.35	29	0.34	-33933.70	1214.94	1726.06	2296.40	1866.96	-665.76
132	9	22.41	15.35	30	0.34	-33649.90	867.04	1746.42	2219.22	731.34	-388.61
132	9	22.41	15.35	31	0.34	-34692.10	1053.85	3636.58	-2261.33	1313.92	-554.13
132	9	22.41	15.35	32	0.34	-32891.60	1028.13	-164.10	6776.94	1284.39	-500.24
132	9	22.41	15.35	1	0.84	-34873.90	910.80	3343.92	-3220.29	988.24	-294.82
132	9	22.41	15.35	±	0.84	3460.61	1499.24	4736.92	11644.00	5044.27	1432.76
132	9	22.41	15.35	2	0.84	-34981.90	897.81	3504.28	-3766.71	957.23	-271.64
132	9	22.41	15.35	±	0.84	3900.70	1656.06	5345.12	13298.30	5565.73	1587.71
132	9	22.41	15.35	3	0.84	-34873.90	910.80	3343.92	-3220.29	988.24	-294.82
132	9	22.41	15.35	±	0.84	-806.40	1189.06	-3779.45	-9533.09	4410.69	853.06
132	9	22.41	15.35	4	0.84	-34981.90	897.81	3504.28	-3766.71	957.23	-271.64

132	9	22.41	15.35	±	0.84	-980.03	1300.37	-4277.02	-10923.70	4832.30	926.12
132	9	22.41	15.35	5	0.84	-34873.90	910.80	3343.92	-3220.29	988.24	-294.82
132	9	22.41	15.35	±	0.84	7509.82	920.22	14337.60	35611.80	2474.22	1309.04
132	9	22.41	15.35	6	0.84	-34981.90	897.81	3504.28	-3766.71	957.23	-271.64
132	9	22.41	15.35	±	0.84	8572.65	1036.28	16197.10	40726.20	2782.09	1479.72
132	9	22.41	15.35	7	0.84	-34873.90	910.80	3343.92	-3220.29	988.24	-294.82
132	9	22.41	15.35	±	0.84	6713.56	113.73	14050.30	34978.50	-362.27	623.29
132	9	22.41	15.35	8	0.84	-34981.90	897.81	3504.28	-3766.71	957.23	-271.64
132	9	22.41	15.35	±	0.84	7696.45	149.35	15876.70	40013.80	-337.32	725.57
132	9	22.41	15.35	9	0.84	-32709.70	1171.18	128.56	7735.78	1610.19	-759.55
132	9	22.41	15.35	±	0.84	3460.61	1499.24	4736.92	11644.00	5044.27	1432.76
132	9	22.41	15.35	10	0.84	-32601.80	1184.17	-31.80	8282.20	1641.20	-782.73
132	9	22.41	15.35	±	0.84	3900.70	1656.06	5345.12	13298.30	5565.73	1587.71
132	9	22.41	15.35	11	0.84	-32709.70	1171.18	128.56	7735.78	1610.19	-759.55
132	9	22.41	15.35	±	0.84	-806.40	1189.06	-3779.45	-9533.09	4410.69	853.06
132	9	22.41	15.35	12	0.84	-32601.80	1184.17	-31.80	8282.20	1641.20	-782.73
132	9	22.41	15.35	±	0.84	-980.03	1300.37	-4277.02	-10923.70	4832.30	926.12
132	9	22.41	15.35	13	0.84	-32709.70	1171.18	128.56	7735.78	1610.19	-759.55
132	9	22.41	15.35	±	0.84	7509.82	920.22	14337.60	35611.80	2474.22	1309.04
132	9	22.41	15.35	14	0.84	-32601.80	1184.17	-31.80	8282.20	1641.20	-782.73
132	9	22.41	15.35	±	0.84	8572.65	1036.28	16197.10	40726.20	2782.09	1479.72
132	9	22.41	15.35	15	0.84	-32709.70	1171.18	128.56	7735.78	1610.19	-759.55
132	9	22.41	15.35	±	0.84	6713.56	113.73	14050.30	34978.50	-362.27	623.29
132	9	22.41	15.35	16	0.84	-32601.80	1184.17	-31.80	8282.20	1641.20	-782.73
132	9	22.41	15.35	±	0.84	7696.45	149.35	15876.70	40013.80	-337.32	725.57
132	9	22.41	15.35	17	0.84	-49444.80	1715.66	2705.71	3948.22	2432.70	-918.16
132	9	22.41	15.35	18	0.84	-49161.00	1367.76	2726.07	3871.04	1297.08	-641.01
132	9	22.41	15.35	19	0.84	-50203.20	1554.58	4616.23	-609.51	1879.66	-806.53
132	9	22.41	15.35	20	0.84	-48402.70	1528.85	815.55	8428.76	1850.13	-752.64
132	9	22.41	15.35	21	0.84	-35678.60	1206.85	1898.40	2900.85	1797.69	-659.42
132	9	22.41	15.35	22	0.84	-35394.80	858.95	1918.75	2823.67	662.07	-382.27
132	9	22.41	15.35	23	0.84	-36436.90	1045.76	3808.92	-1656.88	1244.65	-547.79
132	9	22.41	15.35	24	0.84	-34636.40	1020.04	8.24	7381.39	1215.11	-493.90
132	9	22.41	15.35	25	0.84	-34330.60	1212.87	1765.87	2431.52	1850.24	-664.19
132	9	22.41	15.35	26	0.84	-34046.80	864.98	1786.23	2354.34	714.62	-387.03
132	9	22.41	15.35	27	0.84	-35089.00	1051.79	3676.39	-2126.20	1297.19	-552.56
132	9	22.41	15.35	28	0.84	-33288.40	1026.06	-124.29	6912.07	1267.66	-498.67
132	9	22.41	15.35	29	0.84	-33933.70	1214.94	1726.06	2296.33	1867.02	-665.76
132	9	22.41	15.35	30	0.84	-33649.90	867.04	1746.42	2219.15	731.40	-388.61
132	9	22.41	15.35	31	0.84	-34692.10	1053.85	3636.58	-2261.39	1313.98	-554.13
132	9	22.41	15.35	32	0.84	-32891.60	1028.13	-164.10	6776.88	1284.45	-500.24
132	10	22.41	15.35	1	0.84	-33983.10	910.80	3344.04	-1774.05	532.78	-282.21
132	10	22.41	15.35	±	0.84	3400.17	1499.24	4736.81	9553.17	4295.63	1424.83
132	10	22.41	15.35	2	0.84	-34088.50	897.81	3504.40	-2248.62	508.25	-259.09
132	10	22.41	15.35	±	0.84	3832.10	1656.06	5344.99	10941.90	4738.81	1578.94
132	10	22.41	15.35	3	0.84	-33983.10	910.80	3344.04	-1774.05	532.78	-282.21
132	10	22.41	15.35	±	0.84	-753.21	1189.06	-3779.35	-7850.41	3815.21	846.05
132	10	22.41	15.35	4	0.84	-34088.50	897.81	3504.40	-2248.62	508.25	-259.09
132	10	22.41	15.35	±	0.84	-919.47	1300.37	-4276.91	-9022.65	4181.03	918.45
132	10	22.41	15.35	5	0.84	-33983.10	910.80	3344.04	-1774.05	532.78	-282.21
132	10	22.41	15.35	±	0.84	7319.35	920.22	14337.20	29261.40	2017.33	1305.28
132	10	22.41	15.35	6	0.84	-34088.50	897.81	3504.40	-2248.62	508.25	-259.09
132	10	22.41	15.35	±	0.84	8356.17	1036.28	16196.70	33562.20	2267.60	1475.43
132	10	22.41	15.35	7	0.84	-33983.10	910.80	3344.04	-1774.05	532.78	-282.21
132	10	22.41	15.35	±	0.84	6525.26	113.73	14050.00	28750.50	-415.93	624.01
132	10	22.41	15.35	8	0.84	-34088.50	897.81	3504.40	-2248.62	508.25	-259.09
132	10	22.41	15.35	±	0.84	7482.39	149.35	15876.30	32986.40	-408.35	726.21
132	10	22.41	15.35	9	0.84	-31870.50	1171.18	128.80	7741.48	1024.53	-745.70
132	10	22.41	15.35	±	0.84	3400.17	1499.24	4736.81	9553.17	4295.63	1424.83
132	10	22.41	15.35	10	0.84	-31765.10	1184.17	-31.56	8216.05	1049.06	-768.81
132	10	22.41	15.35	±	0.84	3832.10	1656.06	5344.99	10941.90	4738.81	1578.94
132	10	22.41	15.35	11	0.84	-31870.50	1171.18	128.80	7741.48	1024.53	-745.70
132	10	22.41	15.35	±	0.84	-753.21	1189.06	-3779.35	-7850.41	3815.21	846.05
132	10	22.41	15.35	12	0.84	-31765.10	1184.17	-31.56	8216.05	1049.06	-768.81
132	10	22.41	15.35	±	0.84	-919.47	1300.37	-4276.91	-9022.65	4181.03	918.45
132	10	22.41	15.35	13	0.84	-31870.50	1171.18	128.80	7741.48	1024.53	-745.70
132	10	22.41	15.35	±	0.84	7319.35	920.22	14337.20	29261.40	2017.33	1305.28
132	10	22.41	15.35	14	0.84	-31765.10	1184.17	-31.56	8216.05	1049.06	-768.81
132	10	22.41	15.35	±	0.84	8356.17	1036.28	16196.70	33562.20	2267.60	1475.43
132	10	22.41	15.35	15	0.84	-31870.50	1171.18	128.80	7741.48	1024.53	-745.70
132	10	22.41	15.35	±	0.84	6525.26	113.73	14050.00	28750.50	-415.93	624.01
132	10	22.41	15.35	16	0.84	-31765.10	1184.17	-31.56	8216.05	1049.06	-768.81
132	10	22.41	15.35	±	0.84	7482.39	149.35	15876.30	32986.40	-408.35	726.21
132	10	22.41	15.35	17	0.84	-48292.10	1715.66	2705.99	5083.08	1574.78	-897.60
132	10	22.41	15.35	18	0.84	-48008.30	1367.76	2726.35	5015.11	613.11	-622.31
132	10	22.41	15.35	19	0.84	-49025.50	1554.58	4616.47	1387.38	1102.28	-786.97
132	10	22.41	15.35	20	0.84	-47274.80	1528.85	815.87	8710.81	1085.61	-732.95
132	10	22.41	15.35	21	0.84	-34807.50	1206.85	1898.59	3699.16	1194.20	-645.34
132	10	22.41	15.35	22	0.84	-34523.70	858.95	1918.95	3631.19	232.53	-370.05
132	10	22.41	15.35	23	0.84	-35540.90	1045.76	3809.07	3.46	721.70	-534.70
132	10	22.41	15.35	24	0.84	-33790.20	1020.03	8.47	7326.89	705.03	-480.68
132	10	22.41	15.35	25	0.84	-33464.10	1212.87	1766.06	3170.59	1243.73	-650.04

132	10	22.41	15.35	26	0.84	-33180.30	864.97	1786.41	3102.63	282.07	-374.75
132	10	22.41	15.35	27	0.84	-34197.60	1051.79	3676.53	-525.10	771.23	-539.41
132	10	22.41	15.35	28	0.84	-32446.80	1026.06	-124.06	6798.32	754.57	-485.39
132	10	22.41	15.35	29	0.84	-33068.70	1214.94	1726.24	3017.70	1259.49	-651.60
132	10	22.41	15.35	30	0.84	-32784.90	867.04	1746.60	2949.73	297.82	-376.31
132	10	22.41	15.35	31	0.84	-33802.20	1053.85	3636.72	-678.00	786.99	-540.96
132	10	22.41	15.35	32	0.84	-32051.40	1028.13	-163.88	6645.43	770.32	-486.94
132	10	22.41	15.35	1	1.34	-33983.10	910.80	3344.04	-1774.11	532.84	-282.20
132	10	22.41	15.35	±	1.34	3400.17	1499.24	4736.81	9553.17	4295.63	1424.83
132	10	22.41	15.35	2	1.34	-34088.50	897.81	3504.40	-2248.69	508.32	-259.09
132	10	22.41	15.35	±	1.34	3832.10	1656.06	5344.99	10941.90	4738.81	1578.94
132	10	22.41	15.35	3	1.34	-33983.10	910.80	3344.04	-1774.11	532.84	-282.20
132	10	22.41	15.35	±	1.34	-753.21	1189.06	-3779.35	-7850.42	3815.21	846.05
132	10	22.41	15.35	4	1.34	-34088.50	897.81	3504.40	-2248.69	508.32	-259.09
132	10	22.41	15.35	±	1.34	-919.47	1300.37	-4276.91	-9022.66	4181.03	918.46
132	10	22.41	15.35	5	1.34	-33983.10	910.80	3344.04	-1774.11	532.84	-282.20
132	10	22.41	15.35	±	1.34	7319.35	920.22	14337.20	29261.40	2017.33	1305.26
132	10	22.41	15.35	6	1.34	-34088.50	897.81	3504.40	-2248.69	508.32	-259.09
132	10	22.41	15.35	±	1.34	8356.17	1036.28	16196.70	33562.20	2267.60	1475.41
132	10	22.41	15.35	7	1.34	-33983.10	910.80	3344.04	-1774.11	532.84	-282.20
132	10	22.41	15.35	±	1.34	6525.26	113.73	14050.00	28750.60	-415.92	624.00
132	10	22.41	15.35	8	1.34	-34088.50	897.81	3504.40	-2248.69	508.32	-259.09
132	10	22.41	15.35	±	1.34	7482.39	149.35	15876.30	32986.40	-408.35	726.20
132	10	22.41	15.35	9	1.34	-31870.50	1171.18	128.80	7741.42	1024.59	-745.70
132	10	22.41	15.35	±	1.34	3400.17	1499.24	4736.81	9553.17	4295.63	1424.83
132	10	22.41	15.35	10	1.34	-31765.10	1184.17	-31.56	8215.99	1049.12	-768.82
132	10	22.41	15.35	±	1.34	3832.10	1656.06	5344.99	10941.90	4738.81	1578.94
132	10	22.41	15.35	11	1.34	-31870.50	1171.18	128.80	7741.42	1024.59	-745.70
132	10	22.41	15.35	±	1.34	-753.21	1189.06	-3779.35	-7850.42	3815.21	846.05
132	10	22.41	15.35	12	1.34	-31765.10	1184.17	-31.56	8215.99	1049.12	-768.82
132	10	22.41	15.35	±	1.34	-919.47	1300.37	-4276.91	-9022.66	4181.03	918.46
132	10	22.41	15.35	13	1.34	-31870.50	1171.18	128.80	7741.42	1024.59	-745.70
132	10	22.41	15.35	±	1.34	7319.35	920.22	14337.20	29261.40	2017.33	1305.26
132	10	22.41	15.35	14	1.34	-31765.10	1184.17	-31.56	8215.99	1049.12	-768.82
132	10	22.41	15.35	±	1.34	8356.17	1036.28	16196.70	33562.20	2267.60	1475.41
132	10	22.41	15.35	15	1.34	-31870.50	1171.18	128.80	7741.42	1024.59	-745.70
132	10	22.41	15.35	±	1.34	6525.26	113.73	14050.00	28750.60	-415.92	624.00
132	10	22.41	15.35	16	1.34	-31765.10	1184.17	-31.56	8215.99	1049.12	-768.82
132	10	22.41	15.35	±	1.34	7482.39	149.35	15876.30	32986.40	-408.35	726.20
132	10	22.41	15.35	17	1.34	-48292.10	1715.66	2705.99	5082.99	1574.87	-897.60
132	10	22.41	15.35	18	1.34	-48008.30	1367.76	2726.35	5015.02	613.20	-622.31
132	10	22.41	15.35	19	1.34	-49025.50	1554.58	4616.47	1387.29	1102.37	-786.96
132	10	22.41	15.35	20	1.34	-47274.80	1528.85	815.87	8710.72	1085.70	-732.95
132	10	22.41	15.35	21	1.34	-34807.50	1206.85	1898.59	3699.09	1194.27	-645.34
132	10	22.41	15.35	22	1.34	-34523.70	858.95	1918.95	3631.12	232.60	-370.04
132	10	22.41	15.35	23	1.34	-35540.90	1045.76	3809.07	3.39	721.77	-534.70
132	10	22.41	15.35	24	1.34	-33790.20	1020.03	8.47	7326.82	705.10	-480.68
132	10	22.41	15.35	25	1.34	-33464.10	1212.87	1766.06	3170.53	1243.80	-650.04
132	10	22.41	15.35	26	1.34	-33180.30	864.98	1786.41	3102.56	282.13	-374.75
132	10	22.41	15.35	27	1.34	-34197.60	1051.79	3676.53	-525.17	771.30	-539.40
132	10	22.41	15.35	28	1.34	-32446.80	1026.06	-124.06	6798.26	754.63	-485.39
132	10	22.41	15.35	29	1.34	-33068.70	1214.94	1726.24	3017.64	1259.55	-651.60
132	10	22.41	15.35	30	1.34	-32784.90	867.04	1746.60	2949.67	297.88	-376.30
132	10	22.41	15.35	31	1.34	-33802.20	1053.85	3636.72	-678.06	787.05	-540.96
132	10	22.41	15.35	32	1.34	-32051.40	1028.13	-163.88	6645.37	770.38	-486.94
132	11	22.41	15.35	1	1.34	-33286.40	910.80	3344.12	-194.08	77.38	-278.67
132	11	22.41	15.35	±	1.34	3403.69	1499.24	4736.71	7402.79	3547.89	1424.49
132	11	22.41	15.35	2	1.34	-33391.80	897.81	3504.47	-593.32	59.35	-255.56
132	11	22.41	15.35	±	1.34	3836.03	1656.06	5344.88	8518.80	3912.90	1578.56
132	11	22.41	15.35	3	1.34	-33286.40	910.80	3344.12	-194.08	77.38	-278.67
132	11	22.41	15.35	±	1.34	-755.16	1189.06	-3779.27	-6108.10	3218.82	845.90
132	11	22.41	15.35	4	1.34	-33391.80	897.81	3504.47	-593.32	59.35	-255.56
132	11	22.41	15.35	±	1.34	-921.67	1300.37	-4276.81	-7055.01	3528.76	918.29
132	11	22.41	15.35	5	1.34	-33286.40	910.80	3344.12	-194.08	77.38	-278.67
132	11	22.41	15.35	±	1.34	7328.70	920.22	14336.90	22712.40	1563.46	1304.87
132	11	22.41	15.35	6	1.34	-33391.80	897.81	3504.47	-593.32	59.35	-255.56
132	11	22.41	15.35	±	1.34	8366.66	1036.28	16196.40	26175.90	1756.48	1474.98
132	11	22.41	15.35	7	1.34	-33286.40	910.80	3344.12	-194.08	77.38	-278.67
132	11	22.41	15.35	±	1.34	6534.14	113.73	14049.70	22323.90	-466.56	623.76
132	11	22.41	15.35	8	1.34	-33391.80	897.81	3504.47	-593.32	59.35	-255.56
132	11	22.41	15.35	±	1.34	7492.35	149.35	15875.90	25736.80	-476.02	725.92
132	11	22.41	15.35	9	1.34	-31172.00	1171.18	128.99	7810.98	438.94	-742.06
132	11	22.41	15.35	±	1.34	3403.69	1499.24	4736.71	7402.79	3547.89	1424.49
132	11	22.41	15.35	10	1.34	-31066.50	1184.17	-31.36	8210.22	456.97	-765.17
132	11	22.41	15.35	±	1.34	3836.03	1656.06	5344.88	8518.80	3912.90	1578.56
132	11	22.41	15.35	11	1.34	-31172.00	1171.18	128.99	7810.98	438.94	-742.06
132	11	22.41	15.35	±	1.34	-755.16	1189.06	-3779.27	-6108.10	3218.82	845.90
132	11	22.41	15.35	12	1.34	-31066.50	1184.17	-31.36	8210.22	456.97	-765.17
132	11	22.41	15.35	±	1.34	-921.67	1300.37	-4276.81	-7055.01	3528.76	918.29
132	11	22.41	15.35	13	1.34	-31172.00	1171.18	128.99	7810.98	438.94	-742.06
132	11	22.41	15.35	±	1.34	7328.70	920.22	14336.90	22712.40	1563.46	1304.87
132	11	22.41	15.35	14	1.34	-31066.50	1184.17	-31.36	8210.22	456.97	-765.17

132	11	22.41	15.35	±	1.34	8366.66	1036.28	16196.40	26175.90	1756.48	1474.98
132	11	22.41	15.35	15	1.34	-31172.00	1171.18	128.99	7810.98	438.94	-742.06
132	11	22.41	15.35	±	1.34	6534.14	113.73	14049.70	22323.90	-466.56	623.76
132	11	22.41	15.35	16	1.34	-31066.50	1184.17	-31.36	8210.22	456.97	-765.17
132	11	22.41	15.35	±	1.34	7492.35	149.35	15875.90	25736.80	-476.02	725.92
132	11	22.41	15.35	17	1.34	-47395.90	1715.66	2706.20	6368.22	716.95	-892.23
132	11	22.41	15.35	18	1.34	-47111.90	1367.76	2726.55	6309.81	-70.77	-616.99
132	11	22.41	15.35	19	1.34	-48130.50	1554.58	4616.64	3569.79	324.99	-781.60
132	11	22.41	15.35	20	1.34	-46377.30	1528.85	816.12	9108.25	321.18	-727.63
132	11	22.41	15.35	21	1.34	-34111.50	1206.85	1898.74	4600.73	590.77	-641.72
132	11	22.41	15.35	22	1.34	-33827.50	858.95	1919.09	4542.32	-196.94	-366.48
132	11	22.41	15.35	23	1.34	-34846.10	1045.76	3809.17	1802.30	198.82	-531.09
132	11	22.41	15.35	24	1.34	-33092.90	1020.03	8.65	7340.75	195.01	-477.11
132	11	22.41	15.35	25	1.34	-32766.90	1212.87	1766.19	4009.42	637.30	-646.43
132	11	22.41	15.35	26	1.34	-32483.00	864.98	1786.54	3951.00	-150.42	-371.19
132	11	22.41	15.35	27	1.34	-33501.60	1051.79	3676.63	1210.98	245.34	-535.79
132	11	22.41	15.35	28	1.34	-31748.30	1026.06	-123.89	6749.44	241.54	-481.82
132	11	22.41	15.35	29	1.34	-32371.20	1214.94	1726.38	3837.66	652.02	-647.98
132	11	22.41	15.35	30	1.34	-32087.20	867.04	1746.73	3779.24	-135.70	-372.75
132	11	22.41	15.35	31	1.34	-33105.80	1053.85	3636.81	1039.22	260.06	-537.35
132	11	22.41	15.35	32	1.34	-31352.60	1028.13	-163.71	6577.68	256.26	-483.38
132	11	22.41	15.35	1	1.84	-33286.40	910.80	3344.12	-194.14	77.44	-278.66
132	11	22.41	15.35	±	1.84	3403.69	1499.24	4736.71	7402.79	3547.90	1424.48
132	11	22.41	15.35	2	1.84	-33391.80	897.81	3504.47	-593.38	59.41	-255.55
132	11	22.41	15.35	±	1.84	3836.03	1656.06	5344.88	8518.80	3912.90	1578.56
132	11	22.41	15.35	3	1.84	-33286.40	910.80	3344.12	-194.14	77.44	-278.66
132	11	22.41	15.35	±	1.84	-755.16	1189.06	-3779.27	-6108.11	3218.83	845.90
132	11	22.41	15.35	4	1.84	-33391.80	897.81	3504.47	-593.38	59.41	-255.55
132	11	22.41	15.35	±	1.84	-921.67	1300.37	-4276.81	-7055.01	3528.76	918.29
132	11	22.41	15.35	5	1.84	-33286.40	910.80	3344.12	-194.14	77.44	-278.66
132	11	22.41	15.35	±	1.84	7328.70	920.22	14336.90	22712.40	1563.46	1304.86
132	11	22.41	15.35	6	1.84	-33391.80	897.81	3504.47	-593.38	59.41	-255.55
132	11	22.41	15.35	±	1.84	8366.66	1036.28	16196.40	26175.90	1756.48	1474.97
132	11	22.41	15.35	7	1.84	-33286.40	910.80	3344.12	-194.14	77.44	-278.66
132	11	22.41	15.35	±	1.84	6534.14	113.73	14049.70	22324.00	-466.56	623.74
132	11	22.41	15.35	8	1.84	-33391.80	897.81	3504.47	-593.38	59.41	-255.55
132	11	22.41	15.35	±	1.84	7492.35	149.35	15875.90	25736.80	-476.02	725.91
132	11	22.41	15.35	9	1.84	-31172.00	1171.18	128.99	7810.92	439.00	-742.06
132	11	22.41	15.35	±	1.84	3403.69	1499.24	4736.71	7402.79	3547.90	1424.48
132	11	22.41	15.35	10	1.84	-31066.50	1184.17	-31.36	8210.16	457.03	-765.17
132	11	22.41	15.35	±	1.84	3836.03	1656.06	5344.88	8518.80	3912.90	1578.56
132	11	22.41	15.35	11	1.84	-31172.00	1171.18	128.99	7810.92	439.00	-742.06
132	11	22.41	15.35	±	1.84	-755.16	1189.06	-3779.27	-6108.11	3218.83	845.90
132	11	22.41	15.35	12	1.84	-31066.50	1184.17	-31.36	8210.16	457.03	-765.17
132	11	22.41	15.35	±	1.84	-921.67	1300.37	-4276.81	-7055.01	3528.76	918.29
132	11	22.41	15.35	13	1.84	-31172.00	1171.18	128.99	7810.92	439.00	-742.06
132	11	22.41	15.35	±	1.84	7328.70	920.22	14336.90	22712.40	1563.46	1304.86
132	11	22.41	15.35	14	1.84	-31066.50	1184.17	-31.36	8210.16	457.03	-765.17
132	11	22.41	15.35	±	1.84	8366.66	1036.28	16196.40	26175.90	1756.48	1474.97
132	11	22.41	15.35	15	1.84	-31172.00	1171.18	128.99	7810.92	439.00	-742.06
132	11	22.41	15.35	±	1.84	6534.14	113.73	14049.70	22324.00	-466.56	623.74
132	11	22.41	15.35	16	1.84	-31066.50	1184.17	-31.36	8210.16	457.03	-765.17
132	11	22.41	15.35	±	1.84	7492.35	149.35	15875.90	25736.80	-476.02	725.91
132	11	22.41	15.35	17	1.84	-47395.90	1715.66	2706.20	6368.13	717.04	-892.23
132	11	22.41	15.35	18	1.84	-47111.90	1367.76	2726.55	6309.72	-70.68	-616.99
132	11	22.41	15.35	19	1.84	-48130.50	1554.58	4616.64	3569.70	325.08	-781.59
132	11	22.41	15.35	20	1.84	-46377.30	1528.85	816.12	9108.16	321.27	-727.63
132	11	22.41	15.35	21	1.84	-34111.50	1206.85	1898.74	4600.67	590.84	-641.72
132	11	22.41	15.35	22	1.84	-33827.50	858.95	1919.09	4542.25	-196.88	-366.48
132	11	22.41	15.35	23	1.84	-34846.10	1045.76	3809.17	1802.23	198.88	-531.08
132	11	22.41	15.35	24	1.84	-33092.90	1020.03	8.65	7340.69	195.08	-477.12
132	11	22.41	15.35	25	1.84	-32766.90	1212.87	1766.19	4009.36	637.36	-646.42
132	11	22.41	15.35	26	1.84	-32483.00	864.98	1786.54	3950.94	-150.36	-371.19
132	11	22.41	15.35	27	1.84	-33501.60	1051.79	3676.63	1210.92	245.40	-535.79
132	11	22.41	15.35	28	1.84	-31748.30	1026.06	-123.89	6749.38	241.60	-481.83
132	11	22.41	15.35	29	1.84	-32371.20	1214.94	1726.38	3837.60	652.08	-647.98
132	11	22.41	15.35	30	1.84	-32087.20	867.04	1746.73	3779.18	-135.64	-372.74
132	11	22.41	15.35	31	1.84	-33105.80	1053.85	3636.81	1039.16	260.12	-537.34
132	11	22.41	15.35	32	1.84	-31352.60	1028.13	-163.71	6577.62	256.32	-483.38
132	12	22.41	15.35	1	1.84	-32511.10	910.80	3344.14	1364.10	-378.02	-279.63
132	12	22.41	15.35	±	1.84	3388.58	1499.24	4736.62	5324.24	2803.34	1424.29
132	12	22.41	15.35	2	1.84	-32615.90	897.81	3504.48	1039.83	-389.56	-256.52
132	12	22.41	15.35	±	1.84	3818.83	1656.06	5344.77	6177.55	3090.45	1578.34
132	12	22.41	15.35	3	1.84	-32511.10	910.80	3344.14	1364.10	-378.02	-279.63
132	12	22.41	15.35	±	1.84	-742.42	1189.06	-3779.19	-4396.82	2619.28	845.70
132	12	22.41	15.35	4	1.84	-32615.90	897.81	3504.48	1039.83	-389.56	-256.52
132	12	22.41	15.35	±	1.84	-907.11	1300.37	-4276.73	-5124.75	2873.04	918.08
132	12	22.41	15.35	5	1.84	-32511.10	910.80	3344.14	1364.10	-378.02	-279.63
132	12	22.41	15.35	±	1.84	7281.92	920.22	14336.60	16340.90	1120.16	1304.81
132	12	22.41	15.35	6	1.84	-32615.90	897.81	3504.48	1039.83	-389.56	-256.52
132	12	22.41	15.35	±	1.84	8313.32	1036.28	16196.00	18995.10	1256.87	1474.90
132	12	22.41	15.35	7	1.84	-32511.10	910.80	3344.14	1364.10	-378.02	-279.63

132	12	22.41	15.35	±	1.84	6488.07	113.73	14049.40	16062.70	-506.62	623.81
132	12	22.41	15.35	8	1.84	-32615.90	897.81	3504.48	1039.83	-389.56	-256.52
132	12	22.41	15.35	±	1.84	7439.81	149.35	15875.60	18679.20	-532.18	725.98
132	12	22.41	15.35	9	1.84	-30410.30	1171.18	129.13	7865.83	-146.65	-742.97
132	12	22.41	15.35	±	1.84	3388.58	1499.24	4736.62	5324.24	2803.34	1424.29
132	12	22.41	15.35	10	1.84	-30305.50	1184.17	-31.22	8190.10	-135.11	-766.08
132	12	22.41	15.35	±	1.84	3818.83	1656.06	5344.77	6177.55	3090.45	1578.34
132	12	22.41	15.35	11	1.84	-30410.30	1171.18	129.13	7865.83	-146.65	-742.97
132	12	22.41	15.35	±	1.84	-742.42	1189.06	-3779.19	-4396.82	2619.28	845.70
132	12	22.41	15.35	12	1.84	-30305.50	1184.17	-31.22	8190.10	-135.11	-766.08
132	12	22.41	15.35	±	1.84	-907.11	1300.37	-4276.73	-5124.75	2873.04	918.08
132	12	22.41	15.35	13	1.84	-30410.30	1171.18	129.13	7865.83	-146.65	-742.97
132	12	22.41	15.35	±	1.84	7281.92	920.22	14336.60	16340.90	1120.16	1304.81
132	12	22.41	15.35	14	1.84	-30305.50	1184.17	-31.22	8190.10	-135.11	-766.08
132	12	22.41	15.35	±	1.84	8313.32	1036.28	16196.00	18995.10	1256.87	1474.90
132	12	22.41	15.35	15	1.84	-30410.30	1171.18	129.13	7865.83	-146.65	-742.97
132	12	22.41	15.35	±	1.84	6488.07	113.73	14049.40	16062.70	-506.62	623.81
132	12	22.41	15.35	16	1.84	-30305.50	1184.17	-31.22	8190.10	-135.11	-766.08
132	12	22.41	15.35	±	1.84	7439.81	149.35	15875.60	18679.20	-532.18	725.98
132	12	22.41	15.35	17	1.84	-46392.00	1715.66	2706.33	7625.13	-140.89	-893.60
132	12	22.41	15.35	18	1.84	-46108.20	1367.76	2726.69	7576.21	-754.66	-618.41
132	12	22.41	15.35	19	1.84	-47120.70	1554.58	4616.73	5720.38	-452.30	-783.00
132	12	22.41	15.35	20	1.84	-45379.50	1528.85	816.29	9480.96	-443.24	-729.01
132	12	22.41	15.35	21	1.84	-33341.80	1206.85	1898.83	5482.67	-12.65	-642.63
132	12	22.41	15.35	22	1.84	-33058.00	858.95	1919.18	5433.75	-626.42	-367.45
132	12	22.41	15.35	23	1.84	-34070.50	1045.76	3809.23	3577.92	-324.06	-532.03
132	12	22.41	15.35	24	1.84	-32329.30	1020.03	8.78	7338.50	-315.00	-478.04
132	12	22.41	15.35	25	1.84	-31998.10	1212.87	1766.28	4829.70	30.86	-647.34
132	12	22.41	15.35	26	1.84	-31714.30	864.98	1786.63	4780.77	-582.91	-372.15
132	12	22.41	15.35	27	1.84	-32726.80	1051.79	3676.68	2924.95	-280.56	-536.74
132	12	22.41	15.35	28	1.84	-30985.60	1026.06	-123.77	6685.52	-271.50	-482.75
132	12	22.41	15.35	29	1.84	-31602.60	1214.94	1726.46	4639.43	44.55	-648.89
132	12	22.41	15.35	30	1.84	-31318.80	867.04	1746.81	4590.50	-569.22	-373.71
132	12	22.41	15.35	31	1.84	-32331.30	1053.85	3636.86	2734.68	-266.87	-538.29
132	12	22.41	15.35	32	1.84	-30590.10	1028.13	-163.59	6495.25	-257.81	-484.30
132	12	22.41	15.35	1	2.34	-32511.10	910.80	3344.14	1364.04	-377.96	-279.62
132	12	22.41	15.35	±	2.34	3388.58	1499.24	4736.62	5324.25	2803.34	1424.29
132	12	22.41	15.35	2	2.34	-32615.90	897.81	3504.48	1039.77	-389.50	-256.51
132	12	22.41	15.35	±	2.34	3818.83	1656.06	5344.77	6177.55	3090.45	1578.34
132	12	22.41	15.35	3	2.34	-32511.10	910.80	3344.14	1364.04	-377.96	-279.62
132	12	22.41	15.35	±	2.34	-742.42	1189.06	-3779.19	-4396.83	2619.28	845.71
132	12	22.41	15.35	4	2.34	-32615.90	897.81	3504.48	1039.77	-389.50	-256.51
132	12	22.41	15.35	±	2.34	-907.11	1300.37	-4276.73	-5124.76	2873.05	918.08
132	12	22.41	15.35	5	2.34	-32511.10	910.80	3344.14	1364.04	-377.96	-279.62
132	12	22.41	15.35	±	2.34	7281.92	920.22	14336.60	16340.90	1120.16	1304.80
132	12	22.41	15.35	6	2.34	-32615.90	897.81	3504.48	1039.77	-389.50	-256.51
132	12	22.41	15.35	±	2.34	8313.32	1036.28	16196.00	18995.10	1256.87	1474.89
132	12	22.41	15.35	7	2.34	-32511.10	910.80	3344.14	1364.04	-377.96	-279.62
132	12	22.41	15.35	±	2.34	6488.07	113.73	14049.40	16062.70	-506.62	623.80
132	12	22.41	15.35	8	2.34	-32615.90	897.81	3504.48	1039.77	-389.50	-256.51
132	12	22.41	15.35	±	2.34	7439.81	149.35	15875.60	18679.30	-532.18	725.97
132	12	22.41	15.35	9	2.34	-30410.30	1171.18	129.13	7865.78	-146.59	-742.97
132	12	22.41	15.35	±	2.34	3388.58	1499.24	4736.62	5324.25	2803.34	1424.29
132	12	22.41	15.35	10	2.34	-30305.50	1184.17	-31.22	8190.04	-135.05	-766.08
132	12	22.41	15.35	±	2.34	3818.83	1656.06	5344.77	6177.55	3090.45	1578.34
132	12	22.41	15.35	11	2.34	-30410.30	1171.18	129.13	7865.78	-146.59	-742.97
132	12	22.41	15.35	±	2.34	-742.42	1189.06	-3779.19	-4396.83	2619.28	845.71
132	12	22.41	15.35	12	2.34	-30305.50	1184.17	-31.22	8190.04	-135.05	-766.08
132	12	22.41	15.35	±	2.34	-907.11	1300.37	-4276.73	-5124.76	2873.05	918.08
132	12	22.41	15.35	13	2.34	-30410.30	1171.18	129.13	7865.78	-146.59	-742.97
132	12	22.41	15.35	±	2.34	7281.92	920.22	14336.60	16340.90	1120.16	1304.80
132	12	22.41	15.35	14	2.34	-30305.50	1184.17	-31.22	8190.04	-135.05	-766.08
132	12	22.41	15.35	±	2.34	8313.32	1036.28	16196.00	18995.10	1256.87	1474.89
132	12	22.41	15.35	15	2.34	-30410.30	1171.18	129.13	7865.78	-146.59	-742.97
132	12	22.41	15.35	±	2.34	6488.07	113.73	14049.40	16062.70	-506.62	623.80
132	12	22.41	15.35	16	2.34	-30305.50	1184.17	-31.22	8190.04	-135.05	-766.08
132	12	22.41	15.35	±	2.34	7439.81	149.35	15875.60	18679.30	-532.18	725.97
132	12	22.41	15.35	17	2.34	-46392.00	1715.66	2706.33	7625.04	-140.80	-893.59
132	12	22.41	15.35	18	2.34	-46108.20	1367.76	2726.69	7576.12	-754.57	-618.41
132	12	22.41	15.35	19	2.34	-47120.70	1554.58	4616.73	5720.29	-452.21	-783.00
132	12	22.41	15.35	20	2.34	-45379.50	1528.85	816.29	9480.87	-443.15	-729.01
132	12	22.41	15.35	21	2.34	-33341.80	1206.85	1898.83	5482.61	-12.59	-642.63
132	12	22.41	15.35	22	2.34	-33058.00	858.95	1919.18	5433.69	-626.36	-367.44
132	12	22.41	15.35	23	2.34	-34070.50	1045.76	3809.23	3577.86	-324.00	-532.03
132	12	22.41	15.35	24	2.34	-32329.30	1020.03	8.78	7338.44	-314.94	-478.04
132	12	22.41	15.35	25	2.34	-31998.10	1212.87	1766.28	4829.64	30.92	-647.34
132	12	22.41	15.35	26	2.34	-31714.30	864.98	1786.63	4780.71	-582.85	-372.15
132	12	22.41	15.35	27	2.34	-32726.80	1051.79	3676.68	2924.88	-280.49	-536.74
132	12	22.41	15.35	28	2.34	-30985.60	1026.06	-123.77	6685.46	-271.44	-482.75
132	12	22.41	15.35	29	2.34	-31602.60	1214.94	1726.46	4639.37	44.61	-648.89
132	12	22.41	15.35	30	2.34	-31318.80	867.04	1746.81	4590.44	-569.16	-373.71
132	12	22.41	15.35	31	2.34	-32331.30	1053.85	3636.86	2734.62	-266.80	-538.29

132	12	22.41	15.35	32	2.34	-30590.10	1028.13	-163.59	6495.20	-257.75	-484.30
132	13	22.41	15.35	1	2.34	-31732.40	910.80	3344.11	2921.38	-833.42	-278.70
132	13	22.41	15.35	±	2.34	3373.66	1499.24	4736.54	3425.31	2082.80	1424.13
132	13	22.41	15.35	2	2.34	-31836.50	897.81	3504.45	2672.01	-838.47	-255.59
132	13	22.41	15.35	±	2.34	3801.83	1656.06	5344.68	4036.14	2293.26	1578.16
132	13	22.41	15.35	3	2.34	-31732.40	910.80	3344.11	2921.38	-833.42	-278.70
132	13	22.41	15.35	±	2.34	-728.93	1189.06	-3779.13	-2757.49	1995.75	845.57
132	13	22.41	15.35	4	2.34	-31836.50	897.81	3504.45	2672.01	-838.47	-255.59
132	13	22.41	15.35	±	2.34	-891.70	1300.37	-4276.65	-3278.32	2192.12	917.93
132	13	22.41	15.35	5	2.34	-31732.40	910.80	3344.11	2921.38	-833.42	-278.70
132	13	22.41	15.35	±	2.34	7234.36	920.22	14336.40	10404.80	756.88	1304.72
132	13	22.41	15.35	6	2.34	-31836.50	897.81	3504.45	2672.01	-838.47	-255.59
132	13	22.41	15.35	±	2.34	8259.07	1036.28	16195.70	12304.40	841.38	1474.80
132	13	22.41	15.35	7	2.34	-31732.40	910.80	3344.11	2921.38	-833.42	-278.70
132	13	22.41	15.35	±	2.34	6440.94	113.73	14049.20	10204.50	-466.69	623.81
132	13	22.41	15.35	8	2.34	-31836.50	897.81	3504.45	2672.01	-838.47	-255.59
132	13	22.41	15.35	±	2.34	7386.03	149.35	15875.30	12077.10	-504.24	725.97
132	13	22.41	15.35	9	2.34	-29645.50	1171.18	129.22	7921.35	-732.24	-742.02
132	13	22.41	15.35	±	2.34	3373.66	1499.24	4736.54	3425.31	2082.80	1424.13
132	13	22.41	15.35	10	2.34	-29541.40	1184.17	-31.11	8170.72	-727.20	-765.13
132	13	22.41	15.35	±	2.34	3801.83	1656.06	5344.68	4036.14	2293.26	1578.16
132	13	22.41	15.35	11	2.34	-29645.50	1171.18	129.22	7921.35	-732.24	-742.02
132	13	22.41	15.35	±	2.34	-728.93	1189.06	-3779.13	-2757.49	1995.75	845.57
132	13	22.41	15.35	12	2.34	-29541.40	1184.17	-31.11	8170.72	-727.20	-765.13
132	13	22.41	15.35	±	2.34	-891.70	1300.37	-4276.65	-3278.32	2192.12	917.93
132	13	22.41	15.35	13	2.34	-29645.50	1171.18	129.22	7921.35	-732.24	-742.02
132	13	22.41	15.35	±	2.34	7234.36	920.22	14336.40	10404.80	756.88	1304.72
132	13	22.41	15.35	14	2.34	-29541.40	1184.17	-31.11	8170.72	-727.20	-765.13
132	13	22.41	15.35	±	2.34	8259.07	1036.28	16195.70	12304.40	841.38	1474.80
132	13	22.41	15.35	15	2.34	-29645.50	1171.18	129.22	7921.35	-732.24	-742.02
132	13	22.41	15.35	±	2.34	6440.94	113.73	14049.20	10204.50	-466.69	623.81
132	13	22.41	15.35	16	2.34	-29541.40	1184.17	-31.11	8170.72	-727.20	-765.13
132	13	22.41	15.35	±	2.34	7386.03	149.35	15875.30	12077.10	-504.24	725.97
132	13	22.41	15.35	17	2.34	-45383.40	1715.66	2706.40	8881.94	-998.72	-892.18
132	13	22.41	15.35	18	2.34	-45099.60	1367.76	2726.75	8842.46	-1438.54	-617.03
132	13	22.41	15.35	19	2.34	-46106.00	1554.58	4616.77	7870.19	-1229.59	-781.60
132	13	22.41	15.35	20	2.34	-44377.00	1528.85	816.38	9854.20	-1207.67	-727.62
132	13	22.41	15.35	21	2.34	-32569.00	1206.85	1898.87	6364.53	-616.07	-641.67
132	13	22.41	15.35	22	2.34	-32285.10	858.95	1919.22	6325.05	-1055.89	-366.52
132	13	22.41	15.35	23	2.34	-33291.60	1045.76	3809.24	5352.78	-846.95	-531.09
132	13	22.41	15.35	24	2.34	-31562.60	1020.03	8.85	7336.80	-825.02	-477.11
132	13	22.41	15.35	25	2.34	-31226.10	1212.87	1766.31	5649.89	-575.58	-646.38
132	13	22.41	15.35	26	2.34	-30942.30	864.98	1786.67	5610.41	-1015.40	-371.23
132	13	22.41	15.35	27	2.34	-31948.70	1051.79	3676.68	4638.14	-806.45	-535.80
132	13	22.41	15.35	28	2.34	-30219.70	1026.06	-123.70	6622.15	-784.52	-481.81
132	13	22.41	15.35	29	2.34	-30830.90	1214.94	1726.49	5441.11	-562.92	-647.93
132	13	22.41	15.35	30	2.34	-30547.00	867.04	1746.84	5401.62	-1002.74	-372.79
132	13	22.41	15.35	31	2.34	-31553.50	1053.85	3636.86	4429.36	-793.79	-537.35
132	13	22.41	15.35	32	2.34	-29824.50	1028.13	-163.53	6413.37	-771.87	-483.37
132	13	22.41	15.35	1	2.84	-31732.40	910.80	3344.11	2921.32	-833.36	-278.69
132	13	22.41	15.35	±	2.84	3373.66	1499.24	4736.54	3425.31	2082.80	1424.13
132	13	22.41	15.35	2	2.84	-31836.50	897.81	3504.45	2671.95	-838.41	-255.59
132	13	22.41	15.35	±	2.84	3801.83	1656.06	5344.68	4036.14	2293.26	1578.16
132	13	22.41	15.35	3	2.84	-31732.40	910.80	3344.11	2921.32	-833.36	-278.69
132	13	22.41	15.35	±	2.84	-728.93	1189.06	-3779.13	-2757.50	1995.75	845.58
132	13	22.41	15.35	4	2.84	-31836.50	897.81	3504.45	2671.95	-838.41	-255.59
132	13	22.41	15.35	±	2.84	-891.70	1300.37	-4276.65	-3278.32	2192.12	917.93
132	13	22.41	15.35	5	2.84	-31732.40	910.80	3344.11	2921.32	-833.36	-278.69
132	13	22.41	15.35	±	2.84	7234.36	920.22	14336.40	10404.80	756.87	1304.70
132	13	22.41	15.35	6	2.84	-31836.50	897.81	3504.45	2671.95	-838.41	-255.59
132	13	22.41	15.35	±	2.84	8259.07	1036.28	16195.70	12304.40	841.36	1474.79
132	13	22.41	15.35	7	2.84	-31732.40	910.80	3344.11	2921.32	-833.36	-278.69
132	13	22.41	15.35	±	2.84	6440.94	113.73	14049.20	10204.50	-466.70	623.79
132	13	22.41	15.35	8	2.84	-31836.50	897.81	3504.45	2671.95	-838.41	-255.59
132	13	22.41	15.35	±	2.84	7386.03	149.35	15875.30	12077.10	-504.25	725.96
132	13	22.41	15.35	9	2.84	-29645.50	1171.18	129.22	7921.29	-732.18	-742.02
132	13	22.41	15.35	±	2.84	3373.66	1499.24	4736.54	3425.31	2082.80	1424.13
132	13	22.41	15.35	10	2.84	-29541.40	1184.17	-31.11	8170.66	-727.14	-765.13
132	13	22.41	15.35	±	2.84	3801.83	1656.06	5344.68	4036.14	2293.26	1578.16
132	13	22.41	15.35	11	2.84	-29645.50	1171.18	129.22	7921.29	-732.18	-742.02
132	13	22.41	15.35	±	2.84	-728.93	1189.06	-3779.13	-2757.50	1995.75	845.58
132	13	22.41	15.35	12	2.84	-29541.40	1184.17	-31.11	8170.66	-727.14	-765.13
132	13	22.41	15.35	±	2.84	-891.70	1300.37	-4276.65	-3278.32	2192.12	917.93
132	13	22.41	15.35	13	2.84	-29645.50	1171.18	129.22	7921.29	-732.18	-742.02
132	13	22.41	15.35	±	2.84	7234.36	920.22	14336.40	10404.80	756.87	1304.70
132	13	22.41	15.35	14	2.84	-29541.40	1184.17	-31.11	8170.66	-727.14	-765.13
132	13	22.41	15.35	±	2.84	8259.07	1036.28	16195.70	12304.40	841.36	1474.79
132	13	22.41	15.35	15	2.84	-29645.50	1171.18	129.22	7921.29	-732.18	-742.02
132	13	22.41	15.35	±	2.84	6440.94	113.73	14049.20	10204.50	-466.70	623.79
132	13	22.41	15.35	16	2.84	-29541.40	1184.17	-31.11	8170.66	-727.14	-765.13
132	13	22.41	15.35	±	2.84	7386.03	149.35	15875.30	12077.10	-504.25	725.96
132	13	22.41	15.35	17	2.84	-45383.40	1715.66	2706.40	8881.85	-998.63	-892.18

132	13	22.41	15.35	18	2.84	-45099.60	1367.76	2726.75	8842.37	-1438.45	-617.03
132	13	22.41	15.35	19	2.84	-46106.00	1554.58	4616.77	7870.10	-1229.50	-781.60
132	13	22.41	15.35	20	2.84	-44377.00	1528.85	816.38	9854.12	-1207.58	-727.62
132	13	22.41	15.35	21	2.84	-32569.00	1206.85	1898.87	6364.47	-616.01	-641.67
132	13	22.41	15.35	22	2.84	-32285.10	858.95	1919.22	6324.99	-1055.83	-366.52
132	13	22.41	15.35	23	2.84	-33291.60	1045.76	3809.24	5352.72	-846.88	-531.09
132	13	22.41	15.35	24	2.84	-31562.60	1020.03	8.85	7336.74	-824.96	-477.11
132	13	22.41	15.35	25	2.84	-31226.10	1212.87	1766.31	5649.83	-575.52	-646.38
132	13	22.41	15.35	26	2.84	-30942.30	864.98	1786.67	5610.35	-1015.34	-371.23
132	13	22.41	15.35	27	2.84	-31948.70	1051.79	3676.68	4638.08	-806.39	-535.79
132	13	22.41	15.35	28	2.84	-30219.70	1026.06	-123.70	6622.10	-784.47	-481.82
132	13	22.41	15.35	29	2.84	-30830.90	1214.94	1726.49	5441.05	-562.86	-647.93
132	13	22.41	15.35	30	2.84	-30547.00	867.04	1746.84	5401.57	-1002.68	-372.78
132	13	22.41	15.35	31	2.84	-31553.50	1053.85	3636.86	4429.30	-793.73	-537.35
132	13	22.41	15.35	32	2.84	-29824.50	1028.13	-163.53	6413.32	-771.81	-483.37
132	14	22.41	15.35	1	2.84	-31033.30	910.80	3344.04	4500.99	-1288.82	-281.17
132	14	22.41	15.35	±	2.84	3382.69	1499.24	4736.47	2169.94	1453.00	1425.61
132	14	22.41	15.35	2	2.84	-31137.70	897.81	3504.37	4327.18	-1287.37	-258.05
132	14	22.41	15.35	±	2.84	3812.06	1656.06	5344.59	2579.60	1599.13	1579.80
132	14	22.41	15.35	3	2.84	-31033.30	910.80	3344.04	4500.99	-1288.82	-281.17
132	14	22.41	15.35	±	2.84	-732.53	1189.06	-3779.06	-1512.78	1281.57	846.83
132	14	22.41	15.35	4	2.84	-31137.70	897.81	3504.37	4327.18	-1287.37	-258.05
132	14	22.41	15.35	±	2.84	-895.95	1300.37	-4276.57	-1846.18	1408.21	919.31
132	14	22.41	15.35	5	2.84	-31033.30	910.80	3344.04	4500.99	-1288.82	-281.17
132	14	22.41	15.35	±	2.84	7256.22	920.22	14336.20	6236.43	695.89	1305.51
132	14	22.41	15.35	6	2.84	-31137.70	897.81	3504.37	4327.18	-1287.37	-258.05
132	14	22.41	15.35	±	2.84	8284.09	1036.28	16195.50	7486.31	769.30	1475.69
132	14	22.41	15.35	7	2.84	-31033.30	910.80	3344.04	4500.99	-1288.82	-281.17
132	14	22.41	15.35	±	2.84	6461.17	113.73	14048.90	6039.29	-124.48	623.78
132	14	22.41	15.35	8	2.84	-31137.70	897.81	3504.37	4327.18	-1287.37	-258.05
132	14	22.41	15.35	±	2.84	7409.26	149.35	15875.10	7266.29	-132.91	725.95
132	14	22.41	15.35	9	2.84	-28939.70	1171.18	129.27	7986.16	-1317.83	-744.67
132	14	22.41	15.35	±	2.84	3382.69	1499.24	4736.47	2169.94	1453.00	1425.61
132	14	22.41	15.35	10	2.84	-28835.20	1184.17	-31.06	8159.98	-1319.28	-767.78
132	14	22.41	15.35	±	2.84	3812.06	1656.06	5344.59	2579.60	1599.13	1579.80
132	14	22.41	15.35	11	2.84	-28939.70	1171.18	129.27	7986.16	-1317.83	-744.67
132	14	22.41	15.35	±	2.84	-732.53	1189.06	-3779.06	-1512.78	1281.57	846.83
132	14	22.41	15.35	12	2.84	-28835.20	1184.17	-31.06	8159.98	-1319.28	-767.78
132	14	22.41	15.35	±	2.84	-895.95	1300.37	-4276.57	-1846.18	1408.21	919.31
132	14	22.41	15.35	13	2.84	-28939.70	1171.18	129.27	7986.16	-1317.83	-744.67
132	14	22.41	15.35	±	2.84	7256.22	920.22	14336.20	6236.43	695.89	1305.51
132	14	22.41	15.35	14	2.84	-28835.20	1184.17	-31.06	8159.98	-1319.28	-767.78
132	14	22.41	15.35	±	2.84	8284.09	1036.28	16195.50	7486.31	769.30	1475.69
132	14	22.41	15.35	15	2.84	-28939.70	1171.18	129.27	7986.16	-1317.83	-744.67
132	14	22.41	15.35	±	2.84	6461.17	113.73	14048.90	6039.29	-124.48	623.78
132	14	22.41	15.35	16	2.84	-28835.20	1184.17	-31.06	8159.98	-1319.28	-767.78
132	14	22.41	15.35	±	2.84	7409.26	149.35	15875.10	7266.29	-132.91	725.95
132	14	22.41	15.35	17	2.84	-44479.40	1715.66	2706.39	10162.80	-1856.55	-896.13
132	14	22.41	15.35	18	2.84	-44195.00	1367.76	2726.74	10133.00	-2122.42	-620.65
132	14	22.41	15.35	19	2.84	-45204.30	1554.58	4616.73	10049.50	-2006.88	-785.40
132	14	22.41	15.35	20	2.84	-43470.10	1528.85	816.40	10246.30	-1972.09	-731.38
132	14	22.41	15.35	21	2.84	-31868.30	1206.85	1898.86	7263.05	-1219.50	-644.37
132	14	22.41	15.35	22	2.84	-31583.90	858.95	1919.22	7233.21	-1485.37	-368.90
132	14	22.41	15.35	23	2.84	-32593.20	1045.76	3809.21	7149.75	-1369.83	-533.64
132	14	22.41	15.35	24	2.84	-30859.00	1020.03	8.87	7346.50	-1335.04	-479.63
132	14	22.41	15.35	25	2.84	-30524.30	1212.87	1766.30	6486.03	-1182.01	-649.10
132	14	22.41	15.35	26	2.84	-30239.90	864.98	1786.65	6456.19	-1447.88	-373.62
132	14	22.41	15.35	27	2.84	-31249.20	1051.79	3676.65	6372.74	-1332.34	-538.37
132	14	22.41	15.35	28	2.84	-29514.90	1026.06	-123.69	6569.49	-1297.56	-484.35
132	14	22.41	15.35	29	2.84	-30128.70	1214.94	1726.48	6258.49	-1170.39	-650.65
132	14	22.41	15.35	30	2.84	-29844.30	867.04	1746.83	6228.66	-1436.26	-375.18
132	14	22.41	15.35	31	2.84	-30853.60	1053.85	3636.82	6145.20	-1320.72	-539.92
132	14	22.41	15.35	32	2.84	-29119.30	1028.13	-163.51	6341.95	-1285.93	-485.91
132	14	22.41	15.35	1	3.34	-31033.30	910.80	3344.04	4500.93	-1288.76	-281.16
132	14	22.41	15.35	±	3.34	3382.69	1499.24	4736.47	2169.94	1453.00	1425.61
132	14	22.41	15.35	2	3.34	-31137.70	897.81	3504.37	4327.12	-1287.31	-258.04
132	14	22.41	15.35	±	3.34	3812.06	1656.06	5344.59	2579.60	1599.13	1579.80
132	14	22.41	15.35	3	3.34	-31033.30	910.80	3344.04	4500.93	-1288.76	-281.16
132	14	22.41	15.35	±	3.34	-732.53	1189.06	-3779.06	-1512.78	1281.58	846.83
132	14	22.41	15.35	4	3.34	-31137.70	897.81	3504.37	4327.12	-1287.31	-258.04
132	14	22.41	15.35	±	3.34	-895.95	1300.37	-4276.57	-1846.19	1408.22	919.31
132	14	22.41	15.35	5	3.34	-31033.30	910.80	3344.04	4500.93	-1288.76	-281.16
132	14	22.41	15.35	±	3.34	7256.22	920.22	14336.20	6236.44	695.88	1305.50
132	14	22.41	15.35	6	3.34	-31137.70	897.81	3504.37	4327.12	-1287.31	-258.04
132	14	22.41	15.35	±	3.34	8284.09	1036.28	16195.50	7486.32	769.29	1475.67
132	14	22.41	15.35	7	3.34	-31033.30	910.80	3344.04	4500.93	-1288.76	-281.16
132	14	22.41	15.35	±	3.34	6461.17	113.73	14048.90	6039.29	-124.49	623.76
132	14	22.41	15.35	8	3.34	-31137.70	897.81	3504.37	4327.12	-1287.31	-258.04
132	14	22.41	15.35	±	3.34	7409.26	149.35	15875.10	7266.30	-132.92	725.94
132	14	22.41	15.35	9	3.34	-28939.70	1171.18	129.27	7986.10	-1317.78	-744.67
132	14	22.41	15.35	±	3.34	3382.69	1499.24	4736.47	2169.94	1453.00	1425.61
132	14	22.41	15.35	10	3.34	-28835.20	1184.17	-31.06	8159.92	-1319.23	-767.78

132	14	22.41	15.35	±	3.34	3812.06	1656.06	5344.59	2579.60	1599.13	1579.80
132	14	22.41	15.35	11	3.34	-28939.70	1171.18	129.27	7986.10	-1317.78	-744.67
132	14	22.41	15.35	±	3.34	-732.53	1189.06	-3779.06	-1512.78	1281.58	846.83
132	14	22.41	15.35	12	3.34	-28835.20	1184.17	-31.06	8159.92	-1319.23	-767.78
132	14	22.41	15.35	±	3.34	-895.95	1300.37	-4276.57	-1846.19	1408.22	919.31
132	14	22.41	15.35	13	3.34	-28939.70	1171.18	129.27	7986.10	-1317.78	-744.67
132	14	22.41	15.35	±	3.34	7256.22	920.22	14336.20	6236.44	695.88	1305.50
132	14	22.41	15.35	14	3.34	-28835.20	1184.17	-31.06	8159.92	-1319.23	-767.78
132	14	22.41	15.35	±	3.34	8284.09	1036.28	16195.50	7486.32	769.29	1475.67
132	14	22.41	15.35	15	3.34	-28939.70	1171.18	129.27	7986.10	-1317.78	-744.67
132	14	22.41	15.35	±	3.34	6461.17	113.73	14048.90	6039.29	-124.49	623.76
132	14	22.41	15.35	16	3.34	-28835.20	1184.17	-31.06	8159.92	-1319.23	-767.78
132	14	22.41	15.35	±	3.34	7409.26	149.35	15875.10	7266.30	-132.92	725.94
132	14	22.41	15.35	17	3.34	-44479.40	1715.66	2706.39	10162.70	-1856.46	-896.12
132	14	22.41	15.35	18	3.34	-44195.00	1367.76	2726.74	10132.90	-2122.34	-620.65
132	14	22.41	15.35	19	3.34	-45204.30	1554.58	4616.73	10049.40	-2006.79	-785.39
132	14	22.41	15.35	20	3.34	-43470.10	1528.85	816.40	10246.20	-1972.01	-731.38
132	14	22.41	15.35	21	3.34	-31868.30	1206.85	1898.86	7262.98	-1219.44	-644.37
132	14	22.41	15.35	22	3.34	-31583.90	858.95	1919.22	7233.15	-1485.31	-368.89
132	14	22.41	15.35	23	3.34	-32593.20	1045.76	3809.21	7149.69	-1369.76	-533.64
132	14	22.41	15.35	24	3.34	-30859.00	1020.03	8.87	7346.44	-1334.98	-479.63
132	14	22.41	15.35	25	3.34	-30524.30	1212.87	1766.30	6485.97	-1181.96	-649.09
132	14	22.41	15.35	26	3.34	-30239.90	864.98	1786.65	6456.14	-1447.83	-373.62
132	14	22.41	15.35	27	3.34	-31249.20	1051.79	3676.65	6372.68	-1332.28	-538.36
132	14	22.41	15.35	28	3.34	-29514.90	1026.06	-123.69	6569.43	-1297.50	-484.35
132	14	22.41	15.35	29	3.34	-30128.70	1214.94	1726.48	6258.44	-1170.33	-650.65
132	14	22.41	15.35	30	3.34	-29844.30	867.04	1746.83	6228.60	-1436.21	-375.18
132	14	22.41	15.35	31	3.34	-30853.60	1053.85	3636.82	6145.14	-1320.66	-539.92
132	14	22.41	15.35	32	3.34	-29119.30	1028.13	-163.51	6341.89	-1285.88	-485.91
132	15	22.41	15.35	1	3.34	-30145.30	910.80	3343.91	5942.23	-1744.22	-290.97
132	15	22.41	15.35	±	3.34	3302.49	1499.24	4736.40	2689.92	853.01	1430.88
132	15	22.41	15.35	2	3.34	-30245.70	897.81	3504.24	5840.25	-1736.28	-267.82
132	15	22.41	15.35	±	3.34	3720.41	1656.06	5344.52	3026.26	942.27	1585.60
132	15	22.41	15.35	3	3.34	-30145.30	910.80	3343.91	5942.23	-1744.22	-290.97
132	15	22.41	15.35	±	3.34	-659.07	1189.06	-3779.01	-1796.74	537.89	851.36
132	15	22.41	15.35	4	3.34	-30245.70	897.81	3504.24	5840.25	-1736.28	-267.82
132	15	22.41	15.35	±	3.34	-811.83	1300.37	-4276.51	-2038.67	587.41	924.28
132	15	22.41	15.35	5	3.34	-30145.30	910.80	3343.91	5942.23	-1744.22	-290.97
132	15	22.41	15.35	±	3.34	6999.10	920.22	14336.00	7611.75	733.84	1308.20
132	15	22.41	15.35	6	3.34	-30245.70	897.81	3504.24	5840.25	-1736.28	-267.82
132	15	22.41	15.35	±	3.34	7990.01	1036.28	16195.20	8589.70	820.88	1478.69
132	15	22.41	15.35	7	3.34	-30145.30	910.80	3343.91	5942.23	-1744.22	-290.97
132	15	22.41	15.35	±	3.34	6206.08	113.73	14048.70	7343.79	316.57	623.53
132	15	22.41	15.35	8	3.34	-30245.70	897.81	3504.24	5840.25	-1736.28	-267.82
132	15	22.41	15.35	±	3.34	7117.43	149.35	15874.80	8293.42	361.98	725.73
132	15	22.41	15.35	9	3.34	-28131.10	1171.18	129.28	7987.05	-1903.42	-755.06
132	15	22.41	15.35	±	3.34	3302.49	1499.24	4736.40	2689.92	853.01	1430.88
132	15	22.41	15.35	10	3.34	-28030.60	1184.17	-31.04	8089.04	-1911.37	-778.21
132	15	22.41	15.35	±	3.34	3720.41	1656.06	5344.52	3026.26	942.27	1585.60
132	15	22.41	15.35	11	3.34	-28131.10	1171.18	129.28	7987.05	-1903.42	-755.06
132	15	22.41	15.35	±	3.34	-659.07	1189.06	-3779.01	-1796.74	537.89	851.36
132	15	22.41	15.35	12	3.34	-28030.60	1184.17	-31.04	8089.04	-1911.37	-778.21
132	15	22.41	15.35	±	3.34	-811.83	1300.37	-4276.51	-2038.67	587.41	924.28
132	15	22.41	15.35	13	3.34	-28131.10	1171.18	129.28	7987.05	-1903.42	-755.06
132	15	22.41	15.35	±	3.34	6999.10	920.22	14336.00	7611.75	733.84	1308.20
132	15	22.41	15.35	14	3.34	-28030.60	1184.17	-31.04	8089.04	-1911.37	-778.21
132	15	22.41	15.35	±	3.34	7990.01	1036.28	16195.20	8589.70	820.88	1478.69
132	15	22.41	15.35	15	3.34	-28131.10	1171.18	129.28	7987.05	-1903.42	-755.06
132	15	22.41	15.35	±	3.34	6206.08	113.73	14048.70	7343.79	316.57	623.53
132	15	22.41	15.35	16	3.34	-28030.60	1184.17	-31.04	8089.04	-1911.37	-778.21
132	15	22.41	15.35	±	3.34	7117.43	149.35	15874.80	8293.42	361.98	725.73
132	15	22.41	15.35	17	3.34	-43354.10	1715.66	2706.31	11289.50	-2714.38	-911.64
132	15	22.41	15.35	18	3.34	-43069.50	1367.76	2726.66	11269.20	-2806.30	-635.00
132	15	22.41	15.35	19	3.34	-44046.20	1554.58	4616.63	12038.00	-2784.17	-800.38
132	15	22.41	15.35	20	3.34	-42377.40	1528.85	816.34	10520.70	-2736.52	-746.26
132	15	22.41	15.35	21	3.34	-31016.40	1206.85	1898.81	8054.90	-1822.92	-654.98
132	15	22.41	15.35	22	3.34	-30731.80	858.95	1919.17	8034.61	-1914.84	-378.34
132	15	22.41	15.35	23	3.34	-31708.50	1045.76	3809.13	8803.43	-1892.71	-543.72
132	15	22.41	15.35	24	3.34	-30039.70	1020.04	8.85	7286.08	-1845.06	-489.60
132	15	22.41	15.35	25	3.34	-29675.10	1212.87	1766.25	7219.74	-1788.45	-659.76
132	15	22.41	15.35	26	3.34	-29390.50	864.98	1786.60	7199.45	-1880.37	-383.12
132	15	22.41	15.35	27	3.34	-30367.20	1051.79	3676.57	7968.27	-1858.24	-548.50
132	15	22.41	15.35	28	3.34	-28698.40	1026.06	-123.72	6450.92	-1810.59	-494.38
132	15	22.41	15.35	29	3.34	-29280.50	1214.94	1726.42	6974.79	-1777.86	-661.33
132	15	22.41	15.35	30	3.34	-28995.90	867.04	1746.77	6954.50	-1869.78	-384.70
132	15	22.41	15.35	31	3.34	-29972.60	1053.85	3636.74	7723.32	-1847.65	-550.08
132	15	22.41	15.35	32	3.34	-28303.80	1028.13	-163.55	6205.97	-1800.00	-495.96
132	15	22.41	15.35	1	3.84	-30145.30	910.80	3343.91	5942.17	-1744.16	-290.96
132	15	22.41	15.35	±	3.84	3302.49	1499.24	4736.40	2689.92	853.01	1430.88
132	15	22.41	15.35	2	3.84	-30245.70	897.81	3504.24	5840.19	-1736.22	-267.82
132	15	22.41	15.35	±	3.84	3720.41	1656.06	5344.52	3026.26	942.27	1585.60
132	15	22.41	15.35	3	3.84	-30145.30	910.80	3343.91	5942.17	-1744.16	-290.96

132	15	22.41	15.35	±	3.84	-659.07	1189.06	-3779.01	-1796.74	537.89	851.37
132	15	22.41	15.35	4	3.84	-30245.70	897.81	3504.24	5840.19	-1736.22	-267.82
132	15	22.41	15.35	±	3.84	-811.83	1300.37	-4276.51	-2038.67	587.41	924.28
132	15	22.41	15.35	5	3.84	-30145.30	910.80	3343.91	5942.17	-1744.16	-290.96
132	15	22.41	15.35	±	3.84	6999.10	920.22	14336.00	7611.74	733.83	1308.19
132	15	22.41	15.35	6	3.84	-30245.70	897.81	3504.24	5840.19	-1736.22	-267.82
132	15	22.41	15.35	±	3.84	7990.01	1036.28	16195.20	8589.69	820.88	1478.68
132	15	22.41	15.35	7	3.84	-30145.30	910.80	3343.91	5942.17	-1744.16	-290.96
132	15	22.41	15.35	±	3.84	6206.08	113.73	14048.70	7343.79	316.56	623.51
132	15	22.41	15.35	8	3.84	-30245.70	897.81	3504.24	5840.19	-1736.22	-267.82
132	15	22.41	15.35	±	3.84	7117.43	149.35	15874.80	8293.42	361.97	725.71
132	15	22.41	15.35	9	3.84	-28131.10	1171.18	129.28	7987.00	-1903.37	-755.07
132	15	22.41	15.35	±	3.84	3302.49	1499.24	4736.40	2689.92	853.01	1430.88
132	15	22.41	15.35	10	3.84	-28030.60	1184.17	-31.04	8088.98	-1911.31	-778.21
132	15	22.41	15.35	±	3.84	3720.41	1656.06	5344.52	3026.26	942.27	1585.60
132	15	22.41	15.35	11	3.84	-28131.10	1171.18	129.28	7987.00	-1903.37	-755.07
132	15	22.41	15.35	±	3.84	-659.07	1189.06	-3779.01	-1796.74	537.89	851.37
132	15	22.41	15.35	12	3.84	-28030.60	1184.17	-31.04	8088.98	-1911.31	-778.21
132	15	22.41	15.35	±	3.84	-811.83	1300.37	-4276.51	-2038.67	587.41	924.28
132	15	22.41	15.35	13	3.84	-28131.10	1171.18	129.28	7987.00	-1903.37	-755.07
132	15	22.41	15.35	±	3.84	6999.10	920.22	14336.00	7611.74	733.83	1308.19
132	15	22.41	15.35	14	3.84	-28030.60	1184.17	-31.04	8088.98	-1911.31	-778.21
132	15	22.41	15.35	±	3.84	7990.01	1036.28	16195.20	8589.69	820.88	1478.68
132	15	22.41	15.35	15	3.84	-28131.10	1171.18	129.28	7987.00	-1903.37	-755.07
132	15	22.41	15.35	±	3.84	6206.08	113.73	14048.70	7343.79	316.56	623.51
132	15	22.41	15.35	16	3.84	-28030.60	1184.17	-31.04	8088.98	-1911.31	-778.21
132	15	22.41	15.35	±	3.84	7117.43	149.35	15874.80	8293.42	361.97	725.71
132	15	22.41	15.35	17	3.84	-43354.10	1715.66	2706.31	11289.40	-2714.30	-911.63
132	15	22.41	15.35	18	3.84	-43069.50	1367.76	2726.66	11269.10	-2806.22	-635.00
132	15	22.41	15.35	19	3.84	-44046.20	1554.58	4616.63	12037.90	-2784.08	-800.37
132	15	22.41	15.35	20	3.84	-42377.40	1528.85	816.34	10520.60	-2736.44	-746.26
132	15	22.41	15.35	21	3.84	-31016.40	1206.85	1898.81	8054.84	-1822.86	-654.98
132	15	22.41	15.35	22	3.84	-30731.80	858.95	1919.17	8034.55	-1914.78	-378.34
132	15	22.41	15.35	23	3.84	-31708.50	1045.76	3809.13	8803.37	-1892.65	-543.72
132	15	22.41	15.35	24	3.84	-30039.70	1020.04	8.85	7286.02	-1845.00	-489.61
132	15	22.41	15.35	25	3.84	-29675.10	1212.87	1766.25	7219.68	-1788.39	-659.76
132	15	22.41	15.35	26	3.84	-29390.50	864.98	1786.60	7199.39	-1880.32	-383.12
132	15	22.41	15.35	27	3.84	-30367.20	1051.79	3676.57	7968.21	-1858.18	-548.49
132	15	22.41	15.35	28	3.84	-28698.40	1026.06	-123.72	6450.86	-1810.53	-494.38
132	15	22.41	15.35	29	3.84	-29280.50	1214.94	1726.42	6974.73	-1777.81	-661.33
132	15	22.41	15.35	30	3.84	-28995.90	867.04	1746.77	6954.44	-1869.73	-384.70
132	15	22.41	15.35	31	3.84	-29972.60	1053.85	3636.74	7723.26	-1847.59	-550.07
132	15	22.41	15.35	32	3.84	-28303.80	1028.13	-163.55	6205.91	-1799.94	-495.96
132	16	22.41	15.35	1	3.84	-27487.90	910.80	3343.85	6009.74	-2199.62	-179.23
132	16	22.41	15.35	±	3.84	2508.36	1499.24	4736.42	3705.73	267.75	1378.19
132	16	22.41	15.35	2	3.84	-27550.90	897.81	3504.17	5938.88	-2185.19	-156.36
132	16	22.41	15.35	±	3.84	2814.60	1656.06	5344.53	4123.71	302.48	1527.53
132	16	22.41	15.35	3	3.84	-27487.90	910.80	3343.85	6009.74	-2199.62	-179.23
132	16	22.41	15.35	±	3.84	2.17	1189.06	-3779.02	-2557.80	-198.43	805.10
132	16	22.41	15.35	4	3.84	-27550.90	897.81	3504.17	5938.88	-2185.19	-156.36
132	16	22.41	15.35	±	3.84	-53.03	1300.37	-4276.51	-2855.52	-225.40	873.54
132	16	22.41	15.35	5	3.84	-27487.90	910.80	3343.85	6009.74	-2199.62	-179.23
132	16	22.41	15.35	±	3.84	4553.57	920.22	14336.00	10611.40	787.37	1282.64
132	16	22.41	15.35	6	3.84	-27550.90	897.81	3504.17	5938.88	-2185.19	-156.36
132	16	22.41	15.35	±	3.84	5193.63	1036.28	16195.30	11822.30	891.37	1450.15
132	16	22.41	15.35	7	3.84	-27487.90	910.80	3343.85	6009.74	-2199.62	-179.23
132	16	22.41	15.35	±	3.84	3800.41	113.73	14048.80	10267.00	766.57	627.65
132	16	22.41	15.35	8	3.84	-27550.90	897.81	3504.17	5938.88	-2185.19	-156.36
132	16	22.41	15.35	±	3.84	4365.16	149.35	15874.90	11441.80	868.24	729.83
132	16	22.41	15.35	9	3.84	-26223.50	1171.18	129.30	7430.59	-2489.02	-637.88
132	16	22.41	15.35	±	3.84	2508.36	1499.24	4736.42	3705.73	267.75	1378.19
132	16	22.41	15.35	10	3.84	-26160.50	1184.17	-31.02	7501.46	-2503.45	-660.76
132	16	22.41	15.35	±	3.84	2814.60	1656.06	5344.53	4123.71	302.48	1527.53
132	16	22.41	15.35	11	3.84	-26223.50	1171.18	129.30	7430.59	-2489.02	-637.88
132	16	22.41	15.35	±	3.84	2.17	1189.06	-3779.02	-2557.80	-198.43	805.10
132	16	22.41	15.35	12	3.84	-26160.50	1184.17	-31.02	7501.46	-2503.45	-660.76
132	16	22.41	15.35	±	3.84	-53.03	1300.37	-4276.51	-2855.52	-225.40	873.54
132	16	22.41	15.35	13	3.84	-26223.50	1171.18	129.30	7430.59	-2489.02	-637.88
132	16	22.41	15.35	±	3.84	4553.57	920.22	14336.00	10611.40	787.37	1282.64
132	16	22.41	15.35	14	3.84	-26160.50	1184.17	-31.02	7501.46	-2503.45	-660.76
132	16	22.41	15.35	±	3.84	5193.63	1036.28	16195.30	11822.30	891.37	1450.15
132	16	22.41	15.35	15	3.84	-26223.50	1171.18	129.30	7430.59	-2489.02	-637.88
132	16	22.41	15.35	±	3.84	3800.41	113.73	14048.80	10267.00	766.57	627.65
132	16	22.41	15.35	16	3.84	-26160.50	1184.17	-31.02	7501.46	-2503.45	-660.76
132	16	22.41	15.35	±	3.84	4365.16	149.35	15874.90	11441.80	868.24	729.83
132	16	22.41	15.35	17	3.84	-40055.70	1715.66	2706.29	10950.00	-3572.21	-736.58
132	16	22.41	15.35	18	3.84	-39778.40	1367.76	2726.64	10930.60	-3490.18	-471.56
132	16	22.41	15.35	19	3.84	-40441.80	1554.58	4616.62	12205.50	-3561.45	-630.69
132	16	22.41	15.35	20	3.84	-39392.20	1528.85	816.31	9675.11	-3500.94	-577.44
132	16	22.41	15.35	21	3.84	-28676.00	1206.85	1898.80	7833.87	-2426.35	-535.44
132	16	22.41	15.35	22	3.84	-28398.70	858.95	1919.15	7814.50	-2344.32	-270.42
132	16	22.41	15.35	23	3.84	-29062.10	1045.76	3809.13	9089.37	-2415.59	-429.56

132	16	22.41	15.35	24	3.84	-28012.60	1020.04	8.83	6559.00	-2355.07	-376.31
132	16	22.41	15.35	25	3.84	-27375.30	1212.87	1766.23	6979.17	-2394.89	-539.67
132	16	22.41	15.35	26	3.84	-27098.00	864.98	1786.58	6959.79	-2312.86	-274.65
132	16	22.41	15.35	27	3.84	-27761.40	1051.79	3676.55	8234.66	-2384.13	-433.78
132	16	22.41	15.35	28	3.84	-26711.90	1026.06	-123.75	5704.30	-2323.62	-380.53
132	16	22.41	15.35	29	3.84	-26994.40	1214.94	1726.40	6729.85	-2385.33	-541.07
132	16	22.41	15.35	30	3.84	-26717.10	867.04	1746.75	6710.48	-2303.30	-276.05
132	16	22.41	15.35	31	3.84	-27380.50	1053.85	3636.73	7985.35	-2374.57	-435.18
132	16	22.41	15.35	32	3.84	-26330.90	1028.13	-163.58	5454.98	-2314.06	-381.93
132	16	22.41	15.35	1	4.34	-27487.90	910.80	3343.85	6009.69	-2199.57	-179.23
132	16	22.41	15.35	±	4.34	2508.36	1499.24	4736.42	3705.72	267.75	1378.19
132	16	22.41	15.35	2	4.34	-27550.90	897.81	3504.17	5938.82	-2185.13	-156.35
132	16	22.41	15.35	±	4.34	2814.60	1656.06	5344.53	4123.70	302.48	1527.53
132	16	22.41	15.35	3	4.34	-27487.90	910.80	3343.85	6009.69	-2199.57	-179.23
132	16	22.41	15.35	±	4.34	2.17	1189.06	-3779.02	-2557.80	-198.43	805.11
132	16	22.41	15.35	4	4.34	-27550.90	897.81	3504.17	5938.82	-2185.13	-156.35
132	16	22.41	15.35	±	4.34	-53.03	1300.37	-4276.51	-2855.52	-225.40	873.54
132	16	22.41	15.35	5	4.34	-27487.90	910.80	3343.85	6009.69	-2199.57	-179.23
132	16	22.41	15.35	±	4.34	4553.57	920.22	14336.00	10611.40	787.36	1282.63
132	16	22.41	15.35	6	4.34	-27550.90	897.81	3504.17	5938.82	-2185.13	-156.35
132	16	22.41	15.35	±	4.34	5193.63	1036.28	16195.30	11822.30	891.36	1450.14
132	16	22.41	15.35	7	4.34	-27487.90	910.80	3343.85	6009.69	-2199.57	-179.23
132	16	22.41	15.35	±	4.34	3800.41	113.73	14048.80	10267.00	766.57	627.64
132	16	22.41	15.35	8	4.34	-27550.90	897.81	3504.17	5938.82	-2185.13	-156.35
132	16	22.41	15.35	±	4.34	4365.16	149.35	15874.90	11441.80	868.24	729.82
132	16	22.41	15.35	9	4.34	-26223.50	1171.18	129.30	7430.54	-2488.97	-637.88
132	16	22.41	15.35	±	4.34	2508.36	1499.24	4736.42	3705.72	267.75	1378.19
132	16	22.41	15.35	10	4.34	-26160.50	1184.17	-31.02	7501.41	-2503.40	-660.76
132	16	22.41	15.35	±	4.34	2814.60	1656.06	5344.53	4123.70	302.48	1527.53
132	16	22.41	15.35	11	4.34	-26223.50	1171.18	129.30	7430.54	-2488.97	-637.88
132	16	22.41	15.35	±	4.34	2.17	1189.06	-3779.02	-2557.80	-198.43	805.11
132	16	22.41	15.35	12	4.34	-26160.50	1184.17	-31.02	7501.41	-2503.40	-660.76
132	16	22.41	15.35	±	4.34	-53.03	1300.37	-4276.51	-2855.52	-225.40	873.54
132	16	22.41	15.35	13	4.34	-26223.50	1171.18	129.30	7430.54	-2488.97	-637.88
132	16	22.41	15.35	±	4.34	4553.57	920.22	14336.00	10611.40	787.36	1282.63
132	16	22.41	15.35	14	4.34	-26160.50	1184.17	-31.02	7501.41	-2503.40	-660.76
132	16	22.41	15.35	±	4.34	5193.63	1036.28	16195.30	11822.30	891.36	1450.14
132	16	22.41	15.35	15	4.34	-26223.50	1171.18	129.30	7430.54	-2488.97	-637.88
132	16	22.41	15.35	±	4.34	3800.41	113.73	14048.80	10267.00	766.57	627.64
132	16	22.41	15.35	16	4.34	-26160.50	1184.17	-31.02	7501.41	-2503.40	-660.76
132	16	22.41	15.35	±	4.34	4365.16	149.35	15874.90	11441.80	868.24	729.82
132	16	22.41	15.35	17	4.34	-40055.70	1715.66	2706.29	10949.90	-3572.14	-736.58
132	16	22.41	15.35	18	4.34	-39778.40	1367.76	2726.64	10930.50	-3490.11	-471.56
132	16	22.41	15.35	19	4.34	-40441.80	1554.58	4616.62	12205.40	-3561.38	-630.69
132	16	22.41	15.35	20	4.34	-39392.20	1528.85	816.31	9675.03	-3500.87	-577.44
132	16	22.41	15.35	21	4.34	-28676.00	1206.85	1898.80	7833.82	-2426.29	-535.44
132	16	22.41	15.35	22	4.34	-28398.70	858.95	1919.15	7814.44	-2344.26	-270.42
132	16	22.41	15.35	23	4.34	-29062.10	1045.76	3809.13	9089.31	-2415.53	-429.55
132	16	22.41	15.35	24	4.34	-28012.60	1020.04	8.83	6558.95	-2355.02	-376.31
132	16	22.41	15.35	25	4.34	-27375.30	1212.87	1766.23	6979.11	-2394.84	-539.67
132	16	22.41	15.35	26	4.34	-27098.00	864.98	1786.58	6959.74	-2312.81	-274.65
132	16	22.41	15.35	27	4.34	-27761.40	1051.79	3676.55	8234.61	-2384.08	-433.78
132	16	22.41	15.35	28	4.34	-26711.90	1026.06	-123.75	5704.25	-2323.57	-380.54
132	16	22.41	15.35	29	4.34	-26994.40	1214.94	1726.40	6729.80	-2385.28	-541.07
132	16	22.41	15.35	30	4.34	-26717.10	867.04	1746.75	6710.43	-2303.25	-276.05
132	16	22.41	15.35	31	4.34	-27380.50	1053.85	3636.73	7985.30	-2374.52	-435.18
132	16	22.41	15.35	32	4.34	-26330.90	1028.13	-163.58	5454.93	-2314.01	-381.93
203	1	10.75	0.15	1	4.34	-23186.00	-2275.67	-2065.08	3602.52	-9110.28	1102.44
203	1	10.75	0.15	±	4.34	1348.48	9878.88	1513.85	1848.41	21257.20	1113.68
203	1	10.75	0.15	2	4.34	-23204.40	-2370.82	-2078.37	3620.30	-9450.05	1128.33
203	1	10.75	0.15	±	4.34	1492.83	10908.20	1670.61	2038.49	23528.10	1233.58
203	1	10.75	0.15	3	4.34	-23186.00	-2275.67	-2065.08	3602.52	-9110.28	1102.44
203	1	10.75	0.15	±	4.34	-369.18	5180.56	491.55	835.66	4863.26	-2.61
203	1	10.75	0.15	4	4.34	-23204.40	-2370.82	-2078.37	3620.30	-9450.05	1128.33
203	1	10.75	0.15	±	4.34	-415.30	5653.36	534.96	913.42	5198.64	-11.41
203	1	10.75	0.15	5	4.34	-23186.00	-2275.67	-2065.08	3602.52	-9110.28	1102.44
203	1	10.75	0.15	±	4.34	3009.67	10089.40	2004.65	2090.53	31241.20	2027.14
203	1	10.75	0.15	6	4.34	-23204.40	-2370.82	-2078.37	3620.30	-9450.05	1128.33
203	1	10.75	0.15	±	4.34	3341.84	11242.30	2223.59	2317.90	34858.10	2258.31
203	1	10.75	0.15	7	4.34	-23186.00	-2275.67	-2065.08	3602.52	-9110.28	1102.44
203	1	10.75	0.15	±	4.34	2715.88	5571.60	1403.03	1285.31	23405.10	1693.82
203	1	10.75	0.15	8	4.34	-23204.40	-2370.82	-2078.37	3620.30	-9450.05	1128.33
203	1	10.75	0.15	±	4.34	3018.59	6273.81	1561.92	1432.33	26240.10	1891.66
203	1	10.75	0.15	9	4.34	-22816.90	-367.82	-1798.69	3246.00	-2297.56	583.22
203	1	10.75	0.15	±	4.34	1348.48	9878.88	1513.85	1848.41	21257.20	1113.68
203	1	10.75	0.15	10	4.34	-22798.50	-272.67	-1785.40	3228.22	-1957.79	557.33
203	1	10.75	0.15	±	4.34	1492.83	10908.20	1670.61	2038.49	23528.10	1233.58
203	1	10.75	0.15	11	4.34	-22816.90	-367.82	-1798.69	3246.00	-2297.56	583.22
203	1	10.75	0.15	±	4.34	-369.18	5180.56	491.55	835.66	4863.26	-2.61
203	1	10.75	0.15	12	4.34	-22798.50	-272.67	-1785.40	3228.22	-1957.79	557.33
203	1	10.75	0.15	±	4.34	-415.30	5653.36	534.96	913.42	5198.64	-11.41
203	1	10.75	0.15	13	4.34	-22816.90	-367.82	-1798.69	3246.00	-2297.56	583.22

203	1	10.75	0.15	±	4.34	3009.67	10089.40	2004.65	2090.53	31241.20	2027.14
203	1	10.75	0.15	14	4.34	-22798.50	-272.67	-1785.40	3228.22	-1957.79	557.33
203	1	10.75	0.15	±	4.34	3341.84	11242.30	2223.59	2317.90	34858.10	2258.31
203	1	10.75	0.15	15	4.34	-22816.90	-367.82	-1798.69	3246.00	-2297.56	583.22
203	1	10.75	0.15	±	4.34	2715.88	5571.60	1403.03	1285.31	23405.10	1693.82
203	1	10.75	0.15	16	4.34	-22798.50	-272.67	-1785.40	3228.22	-1957.79	557.33
203	1	10.75	0.15	±	4.34	3018.59	6273.81	1561.92	1432.33	26240.10	1891.66
203	1	10.75	0.15	17	4.34	-33455.30	-1815.99	-3263.80	5769.62	-9173.30	1435.73
203	1	10.75	0.15	18	4.34	-33332.80	-2476.17	-3025.05	5451.19	-9003.10	1295.51
203	1	10.75	0.15	19	4.34	-33140.80	-1598.14	-3005.80	5491.95	-7228.25	1241.95
203	1	10.75	0.15	20	4.34	-33647.30	-2694.02	-3283.04	5728.86	-10948.20	1489.29
203	1	10.75	0.15	21	4.34	-24136.00	-1057.27	-2338.57	4092.79	-6707.68	1034.82
203	1	10.75	0.15	22	4.34	-24013.40	-1717.44	-2099.82	3774.36	-6537.48	894.60
203	1	10.75	0.15	23	4.34	-23821.50	-839.41	-2080.58	3815.12	-4762.63	841.05
203	1	10.75	0.15	24	4.34	-24327.90	-1935.29	-2357.82	4052.03	-8482.53	1088.38
203	1	10.75	0.15	25	4.34	-23299.50	-1006.23	-2119.27	3706.69	-5987.87	941.76
203	1	10.75	0.15	26	4.34	-23176.90	-1666.40	-1880.52	3388.26	-5817.67	801.55
203	1	10.75	0.15	27	4.34	-22984.90	-788.37	-1861.28	3429.02	-4042.82	747.99
203	1	10.75	0.15	28	4.34	-23491.40	-1884.25	-2138.52	3665.93	-7762.72	995.32
203	1	10.75	0.15	29	4.34	-23062.80	-991.66	-2051.26	3583.47	-5789.02	912.94
203	1	10.75	0.15	30	4.34	-22940.20	-1651.83	-1812.51	3265.04	-5618.82	772.72
203	1	10.75	0.15	31	4.34	-22748.20	-773.80	-1793.26	3305.80	-3843.97	719.16
203	1	10.75	0.15	32	4.34	-23254.70	-1869.69	-2070.51	3542.71	-7563.87	966.50
203	1	10.75	0.15	1	4.83	-23186.00	-2275.67	-2065.08	3602.52	-9110.28	1102.44
203	1	10.75	0.15	±	4.83	1348.48	9878.88	1513.85	1848.41	21257.20	1113.68
203	1	10.75	0.15	2	4.83	-23204.40	-2370.82	-2078.37	3620.30	-9450.05	1128.33
203	1	10.75	0.15	±	4.83	1492.83	10908.20	1670.61	2038.49	23528.10	1233.58
203	1	10.75	0.15	3	4.83	-23186.00	-2275.67	-2065.08	3602.52	-9110.28	1102.44
203	1	10.75	0.15	±	4.83	-369.18	5180.56	491.55	835.66	4863.26	-2.61
203	1	10.75	0.15	4	4.83	-23204.40	-2370.82	-2078.37	3620.30	-9450.05	1128.33
203	1	10.75	0.15	±	4.83	-415.30	5653.36	534.96	913.42	5198.64	-11.41
203	1	10.75	0.15	5	4.83	-23186.00	-2275.67	-2065.08	3602.52	-9110.28	1102.44
203	1	10.75	0.15	±	4.83	3009.67	10089.40	2004.65	2090.53	31241.20	2027.14
203	1	10.75	0.15	6	4.83	-23204.40	-2370.82	-2078.37	3620.30	-9450.05	1128.33
203	1	10.75	0.15	±	4.83	3341.84	11242.30	2223.59	2317.90	34858.10	2258.31
203	1	10.75	0.15	7	4.83	-23186.00	-2275.67	-2065.08	3602.52	-9110.28	1102.44
203	1	10.75	0.15	±	4.83	2715.88	5571.60	1403.03	1285.31	23405.10	1693.82
203	1	10.75	0.15	8	4.83	-23204.40	-2370.82	-2078.37	3620.30	-9450.05	1128.33
203	1	10.75	0.15	±	4.83	3018.59	6273.81	1561.92	1432.33	26240.10	1891.66
203	1	10.75	0.15	9	4.83	-22816.90	-367.82	-1798.69	3246.00	-2297.56	583.22
203	1	10.75	0.15	±	4.83	1348.48	9878.88	1513.85	1848.41	21257.20	1113.68
203	1	10.75	0.15	10	4.83	-22798.50	-272.67	-1785.40	3228.22	-1957.79	557.33
203	1	10.75	0.15	±	4.83	1492.83	10908.20	1670.61	2038.49	23528.10	1233.58
203	1	10.75	0.15	11	4.83	-22816.90	-367.82	-1798.69	3246.00	-2297.56	583.22
203	1	10.75	0.15	±	4.83	-369.18	5180.56	491.55	835.66	4863.26	-2.61
203	1	10.75	0.15	12	4.83	-22798.50	-272.67	-1785.40	3228.22	-1957.79	557.33
203	1	10.75	0.15	±	4.83	-415.30	5653.36	534.96	913.42	5198.64	-11.41
203	1	10.75	0.15	13	4.83	-22816.90	-367.82	-1798.69	3246.00	-2297.56	583.22
203	1	10.75	0.15	±	4.83	3009.67	10089.40	2004.65	2090.53	31241.20	2027.14
203	1	10.75	0.15	14	4.83	-22798.50	-272.67	-1785.40	3228.22	-1957.79	557.33
203	1	10.75	0.15	±	4.83	3341.84	11242.30	2223.59	2317.90	34858.10	2258.31
203	1	10.75	0.15	15	4.83	-22816.90	-367.82	-1798.69	3246.00	-2297.56	583.22
203	1	10.75	0.15	±	4.83	2715.88	5571.60	1403.03	1285.31	23405.10	1693.82
203	1	10.75	0.15	16	4.83	-22798.50	-272.67	-1785.40	3228.22	-1957.79	557.33
203	1	10.75	0.15	±	4.83	3018.59	6273.81	1561.92	1432.33	26240.10	1891.66
203	1	10.75	0.15	17	4.83	-33455.30	-1815.99	-3263.80	5769.62	-9173.30	1435.73
203	1	10.75	0.15	18	4.83	-33332.80	-2476.17	-3025.05	5451.19	-9003.10	1295.51
203	1	10.75	0.15	19	4.83	-33140.80	-1598.14	-3005.80	5491.95	-7228.25	1241.95
203	1	10.75	0.15	20	4.83	-33647.30	-2694.02	-3283.04	5728.86	-10948.20	1489.29
203	1	10.75	0.15	21	4.83	-24136.00	-1057.27	-2338.57	4092.79	-6707.68	1034.82
203	1	10.75	0.15	22	4.83	-24013.40	-1717.44	-2099.82	3774.36	-6537.48	894.60
203	1	10.75	0.15	23	4.83	-23821.50	-839.41	-2080.58	3815.12	-4762.63	841.05
203	1	10.75	0.15	24	4.83	-24327.90	-1935.29	-2357.82	4052.03	-8482.53	1088.38
203	1	10.75	0.15	25	4.83	-23299.50	-1006.23	-2119.27	3706.69	-5987.87	941.76
203	1	10.75	0.15	26	4.83	-23176.90	-1666.40	-1880.52	3388.26	-5817.67	801.55
203	1	10.75	0.15	27	4.83	-22984.90	-788.37	-1861.28	3429.02	-4042.82	747.99
203	1	10.75	0.15	28	4.83	-23491.40	-1884.25	-2138.52	3665.93	-7762.72	995.32
203	1	10.75	0.15	29	4.83	-23062.80	-991.66	-2051.26	3583.47	-5789.02	912.94
203	1	10.75	0.15	30	4.83	-22940.20	-1651.83	-1812.51	3265.04	-5618.82	772.72
203	1	10.75	0.15	31	4.83	-22748.20	-773.80	-1793.26	3305.80	-3843.97	719.16
203	1	10.75	0.15	32	4.83	-23254.70	-1869.69	-2070.51	3542.71	-7563.87	966.50
203	2	10.75	0.15	1	4.83	-13528.80	-2279.27	-2065.08	2584.73	-11510.70	1502.00
203	2	10.75	0.15	±	4.83	1749.55	9879.31	1513.85	1102.50	19459.00	1401.31
203	2	10.75	0.15	2	4.83	-13545.20	-2374.41	-2078.37	2595.96	-11793.50	1530.44
203	2	10.75	0.15	±	4.83	1932.36	10908.60	1670.61	1215.36	21525.20	1550.89
203	2	10.75	0.15	3	4.83	-13528.80	-2279.27	-2065.08	2584.73	-11510.70	1502.00
203	2	10.75	0.15	±	4.83	279.18	5181.43	491.55	593.39	5633.88	30.54
203	2	10.75	0.15	4	4.83	-13545.20	-2374.41	-2078.37	2595.96	-11793.50	1530.44
203	2	10.75	0.15	±	4.83	298.96	5654.31	534.96	649.74	6071.11	24.11
203	2	10.75	0.15	5	4.83	-13528.80	-2279.27	-2065.08	2584.73	-11510.70	1502.00
203	2	10.75	0.15	±	4.83	2754.93	10088.90	2004.65	1102.90	26805.80	2499.40
203	2	10.75	0.15	6	4.83	-13545.20	-2374.41	-2078.37	2595.96	-11793.50	1530.44

203	2	10.75	0.15	±	4.83	3057.04	11241.70	2223.59	1222.47	29896.30	2780.88
203	2	10.75	0.15	7	4.83	-13528.80	-2279.27	-2065.08	2584.73	-11510.70	1502.00
203	2	10.75	0.15	±	4.83	2146.31	5570.68	1403.03	594.13	19277.90	2069.84
203	2	10.75	0.15	8	4.83	-13545.20	-2374.41	-2078.37	2595.96	-11793.50	1530.44
203	2	10.75	0.15	±	4.83	2387.64	6272.78	1561.92	662.94	21617.40	2308.38
203	2	10.75	0.15	9	4.83	-13200.50	-371.64	-1798.69	2359.51	-5841.00	931.77
203	2	10.75	0.15	±	4.83	1749.55	9879.31	1513.85	1102.50	19459.00	1401.31
203	2	10.75	0.15	10	4.83	-13184.10	-276.51	-1785.40	2348.27	-5558.23	903.33
203	2	10.75	0.15	±	4.83	1932.36	10908.60	1670.61	1215.36	21525.20	1550.89
203	2	10.75	0.15	11	4.83	-13200.50	-371.64	-1798.69	2359.51	-5841.00	931.77
203	2	10.75	0.15	±	4.83	279.18	5181.43	491.55	593.39	5633.88	30.54
203	2	10.75	0.15	12	4.83	-13184.10	-276.51	-1785.40	2348.27	-5558.23	903.33
203	2	10.75	0.15	±	4.83	298.96	5654.31	534.96	649.74	6071.11	24.11
203	2	10.75	0.15	13	4.83	-13200.50	-371.64	-1798.69	2359.51	-5841.00	931.77
203	2	10.75	0.15	±	4.83	2754.93	10088.90	2004.65	1102.90	26805.80	2499.40
203	2	10.75	0.15	14	4.83	-13184.10	-276.51	-1785.40	2348.27	-5558.23	903.33
203	2	10.75	0.15	±	4.83	3057.04	11241.70	2223.59	1222.47	29896.30	2780.88
203	2	10.75	0.15	15	4.83	-13200.50	-371.64	-1798.69	2359.51	-5841.00	931.77
203	2	10.75	0.15	±	4.83	2146.31	5570.68	1403.03	594.13	19277.90	2069.84
203	2	10.75	0.15	16	4.83	-13184.10	-276.51	-1785.40	2348.27	-5558.23	903.33
203	2	10.75	0.15	±	4.83	2387.64	6272.78	1561.92	662.94	21617.40	2308.38
203	2	10.75	0.15	17	4.83	-19332.80	-1821.52	-3263.80	4161.04	-13383.00	2066.62
203	2	10.75	0.15	18	4.83	-19089.40	-2481.91	-3025.05	3960.28	-13552.70	1886.33
203	2	10.75	0.15	19	4.83	-18999.00	-1603.81	-3005.80	4010.53	-11881.60	1813.95
203	2	10.75	0.15	20	4.83	-19423.20	-2699.61	-3283.04	4110.79	-15054.20	2139.00
203	2	10.75	0.15	21	4.83	-14300.50	-1060.91	-2338.57	2940.21	-9336.19	1482.06
203	2	10.75	0.15	22	4.83	-14057.10	-1721.30	-2099.82	2739.45	-9505.92	1301.77
203	2	10.75	0.15	23	4.83	-13966.70	-843.21	-2080.58	2789.70	-7834.77	1229.39
203	2	10.75	0.15	24	4.83	-14390.90	-1939.01	-2357.82	2889.97	-11007.30	1554.44
203	2	10.75	0.15	25	4.83	-13658.90	-1009.84	-2119.27	2662.19	-8746.57	1348.87
203	2	10.75	0.15	26	4.83	-13415.50	-1670.23	-1880.52	2461.44	-8916.30	1168.58
203	2	10.75	0.15	27	4.83	-13325.10	-792.13	-1861.28	2511.68	-7245.15	1096.20
203	2	10.75	0.15	28	4.83	-13749.30	-1887.94	-2138.52	2611.95	-10417.70	1421.25
203	2	10.75	0.15	29	4.83	-13486.40	-995.26	-2051.26	2572.50	-8590.99	1307.03
203	2	10.75	0.15	30	4.83	-13242.90	-1655.65	-1812.51	2371.74	-8760.72	1126.74
203	2	10.75	0.15	31	4.83	-13152.50	-777.55	-1793.27	2421.98	-7089.56	1054.36
203	2	10.75	0.15	32	4.83	-13576.80	-1873.36	-2070.51	2522.25	-10262.10	1379.41
203	2	10.75	0.15	1	5.33	-13528.80	-2279.27	-2065.08	2584.73	-11510.70	1502.00
203	2	10.75	0.15	±	5.33	1749.55	9879.31	1513.85	1102.50	19459.00	1401.31
203	2	10.75	0.15	2	5.33	-13545.20	-2374.41	-2078.37	2595.96	-11793.50	1530.44
203	2	10.75	0.15	±	5.33	1932.36	10908.60	1670.61	1215.36	21525.20	1550.89
203	2	10.75	0.15	3	5.33	-13528.80	-2279.27	-2065.08	2584.73	-11510.70	1502.00
203	2	10.75	0.15	±	5.33	279.18	5181.43	491.55	593.39	5633.88	30.54
203	2	10.75	0.15	4	5.33	-13545.20	-2374.41	-2078.37	2595.96	-11793.50	1530.44
203	2	10.75	0.15	±	5.33	298.96	5654.31	534.96	649.74	6071.11	24.11
203	2	10.75	0.15	5	5.33	-13528.80	-2279.27	-2065.08	2584.73	-11510.70	1502.00
203	2	10.75	0.15	±	5.33	2754.93	10088.90	2004.65	1102.90	26805.80	2499.40
203	2	10.75	0.15	6	5.33	-13545.20	-2374.41	-2078.37	2595.96	-11793.50	1530.44
203	2	10.75	0.15	±	5.33	3057.04	11241.70	2223.59	1222.47	29896.30	2780.88
203	2	10.75	0.15	7	5.33	-13528.80	-2279.27	-2065.08	2584.73	-11510.70	1502.00
203	2	10.75	0.15	±	5.33	2146.31	5570.68	1403.03	594.13	19277.90	2069.84
203	2	10.75	0.15	8	5.33	-13545.20	-2374.41	-2078.37	2595.96	-11793.50	1530.44
203	2	10.75	0.15	±	5.33	2387.64	6272.78	1561.92	662.94	21617.40	2308.38
203	2	10.75	0.15	9	5.33	-13200.50	-371.64	-1798.69	2359.51	-5841.00	931.77
203	2	10.75	0.15	±	5.33	1749.55	9879.31	1513.85	1102.50	19459.00	1401.31
203	2	10.75	0.15	10	5.33	-13184.10	-276.51	-1785.40	2348.27	-5558.23	903.33
203	2	10.75	0.15	±	5.33	1932.36	10908.60	1670.61	1215.36	21525.20	1550.89
203	2	10.75	0.15	11	5.33	-13200.50	-371.64	-1798.69	2359.51	-5841.00	931.77
203	2	10.75	0.15	±	5.33	279.18	5181.43	491.55	593.39	5633.88	30.54
203	2	10.75	0.15	12	5.33	-13184.10	-276.51	-1785.40	2348.27	-5558.23	903.33
203	2	10.75	0.15	±	5.33	298.96	5654.31	534.96	649.74	6071.11	24.11
203	2	10.75	0.15	13	5.33	-13200.50	-371.64	-1798.69	2359.51	-5841.00	931.77
203	2	10.75	0.15	±	5.33	2754.93	10088.90	2004.65	1102.90	26805.80	2499.40
203	2	10.75	0.15	14	5.33	-13184.10	-276.51	-1785.40	2348.27	-5558.23	903.33
203	2	10.75	0.15	±	5.33	3057.04	11241.70	2223.59	1222.47	29896.30	2780.88
203	2	10.75	0.15	15	5.33	-13200.50	-371.64	-1798.69	2359.51	-5841.00	931.77
203	2	10.75	0.15	±	5.33	2146.31	5570.68	1403.03	594.13	19277.90	2069.84
203	2	10.75	0.15	16	5.33	-13184.10	-276.51	-1785.40	2348.27	-5558.23	903.33
203	2	10.75	0.15	±	5.33	2387.64	6272.78	1561.92	662.94	21617.40	2308.38
203	2	10.75	0.15	17	5.33	-19332.80	-1821.52	-3263.80	4161.04	-13383.00	2066.62
203	2	10.75	0.15	18	5.33	-19089.40	-2481.91	-3025.05	3960.28	-13552.70	1886.33
203	2	10.75	0.15	19	5.33	-18999.00	-1603.81	-3005.80	4010.53	-11881.60	1813.95
203	2	10.75	0.15	20	5.33	-19423.20	-2699.61	-3283.04	4110.79	-15054.20	2139.00
203	2	10.75	0.15	21	5.33	-14300.50	-1060.91	-2338.57	2940.21	-9336.19	1482.06
203	2	10.75	0.15	22	5.33	-14057.10	-1721.30	-2099.82	2739.45	-9505.92	1301.77
203	2	10.75	0.15	23	5.33	-13966.70	-843.21	-2080.58	2789.70	-7834.77	1229.39
203	2	10.75	0.15	24	5.33	-14390.90	-1939.01	-2357.82	2889.97	-11007.30	1554.44
203	2	10.75	0.15	25	5.33	-13658.90	-1009.84	-2119.27	2662.19	-8746.57	1348.87
203	2	10.75	0.15	26	5.33	-13415.50	-1670.23	-1880.52	2461.44	-8916.30	1168.58
203	2	10.75	0.15	27	5.33	-13325.10	-792.13	-1861.28	2511.68	-7245.15	1096.20
203	2	10.75	0.15	28	5.33	-13749.30	-1887.94	-2138.52	2611.95	-10417.70	1421.25
203	2	10.75	0.15	29	5.33	-13486.40	-995.26	-2051.26	2572.50	-8590.99	1307.03

203	2	10.75	0.15	30	5.33	-13242.90	-1655.65	-1812.51	2371.74	-8760.72	1126.74
203	2	10.75	0.15	31	5.33	-13152.50	-777.55	-1793.27	2421.98	-7089.56	1054.36
203	2	10.75	0.15	32	5.33	-13576.80	-1873.36	-2070.51	2522.25	-10262.10	1379.41
203	3	10.75	0.15	1	5.33	-11760.50	-2282.76	-2065.08	1566.94	-10977.40	1474.65
203	3	10.75	0.15	±	5.33	1841.34	9879.70	1513.85	364.65	15330.70	1381.11
203	3	10.75	0.15	2	5.33	-11776.90	-2377.89	-2078.37	1571.63	-11215.00	1502.91
203	3	10.75	0.15	±	5.33	2033.26	10909.10	1670.61	401.98	16964.50	1528.59
203	3	10.75	0.15	3	5.33	-11760.50	-2282.76	-2065.08	1566.94	-10977.40	1474.65
203	3	10.75	0.15	±	5.33	378.17	5182.16	491.55	343.56	3690.15	28.12
203	3	10.75	0.15	4	5.33	-11776.90	-2377.89	-2078.37	1571.63	-11215.00	1502.91
203	3	10.75	0.15	±	5.33	407.86	5655.12	534.96	376.88	3954.30	21.52
203	3	10.75	0.15	5	5.33	-11760.50	-2282.76	-2065.08	1566.94	-10977.40	1474.65
203	3	10.75	0.15	±	5.33	2771.54	10088.50	2004.65	141.38	22254.10	2466.36
203	3	10.75	0.15	6	5.33	-11776.90	-2377.89	-2078.37	1571.63	-11215.00	1502.91
203	3	10.75	0.15	±	5.33	3075.17	11241.20	2223.59	158.66	24821.40	2744.30
203	3	10.75	0.15	7	5.33	-11760.50	-2282.76	-2065.08	1566.94	-10977.40	1474.65
203	3	10.75	0.15	±	5.33	2105.69	5569.95	1403.03	-71.08	16547.90	2043.59
203	3	10.75	0.15	8	5.33	-11776.90	-2377.89	-2078.37	1571.63	-11215.00	1502.91
203	3	10.75	0.15	±	5.33	2342.83	6271.97	1561.92	-75.00	18545.80	2279.27
203	3	10.75	0.15	9	5.33	-11432.90	-375.31	-1798.69	1473.01	-6214.68	907.98
203	3	10.75	0.15	±	5.33	1841.34	9879.70	1513.85	364.65	15330.70	1381.11
203	3	10.75	0.15	10	5.33	-11416.60	-280.18	-1785.40	1468.33	-5977.14	879.72
203	3	10.75	0.15	±	5.33	2033.26	10909.10	1670.61	401.98	16964.50	1528.59
203	3	10.75	0.15	11	5.33	-11432.90	-375.31	-1798.69	1473.01	-6214.68	907.98
203	3	10.75	0.15	±	5.33	378.17	5182.16	491.55	343.56	3690.15	28.12
203	3	10.75	0.15	12	5.33	-11416.60	-280.18	-1785.40	1468.33	-5977.14	879.72
203	3	10.75	0.15	±	5.33	407.86	5655.12	534.96	376.88	3954.30	21.52
203	3	10.75	0.15	13	5.33	-11432.90	-375.31	-1798.69	1473.01	-6214.68	907.98
203	3	10.75	0.15	±	5.33	2771.54	10088.50	2004.65	141.38	22254.10	2466.36
203	3	10.75	0.15	14	5.33	-11416.60	-280.18	-1785.40	1468.33	-5977.14	879.72
203	3	10.75	0.15	±	5.33	3075.17	11241.20	2223.59	158.66	24821.40	2744.30
203	3	10.75	0.15	15	5.33	-11432.90	-375.31	-1798.69	1473.01	-6214.68	907.98
203	3	10.75	0.15	±	5.33	2105.69	5569.95	1403.03	-71.08	16547.90	2043.59
203	3	10.75	0.15	16	5.33	-11416.60	-280.18	-1785.40	1468.33	-5977.14	879.72
203	3	10.75	0.15	±	5.33	2342.83	6271.97	1561.92	-75.00	18545.80	2279.27
203	3	10.75	0.15	17	5.33	-16887.50	-1826.82	-3263.80	2552.46	-13317.40	2023.44
203	3	10.75	0.15	18	5.33	-16621.90	-2487.39	-3025.05	2469.37	-13275.00	1845.98
203	3	10.75	0.15	19	5.33	-16544.10	-1609.23	-3005.80	2529.10	-11959.90	1774.89
203	3	10.75	0.15	20	5.33	-16965.20	-2704.98	-3283.04	2492.73	-14632.50	2094.53
203	3	10.75	0.15	21	5.33	-12535.00	-1064.42	-2338.57	1787.64	-9341.24	1451.44
203	3	10.75	0.15	22	5.33	-12269.40	-1724.98	-2099.82	1704.54	-9298.79	1273.99
203	3	10.75	0.15	23	5.33	-12191.70	-846.83	-2080.58	1764.27	-7983.71	1202.89
203	3	10.75	0.15	24	5.33	-12612.70	-1942.57	-2357.82	1727.90	-10656.30	1522.54
203	3	10.75	0.15	25	5.33	-11900.00	-1013.33	-2119.27	1617.70	-8768.22	1320.99
203	3	10.75	0.15	26	5.33	-11634.40	-1673.90	-1880.52	1534.61	-8725.77	1143.53
203	3	10.75	0.15	27	5.33	-11556.70	-795.74	-1861.28	1594.34	-7410.69	1072.44
203	3	10.75	0.15	28	5.33	-11977.70	-1891.49	-2138.52	1557.97	-10083.30	1392.09
203	3	10.75	0.15	29	5.33	-11729.50	-998.75	-2051.26	1561.52	-8617.29	1280.04
203	3	10.75	0.15	30	5.33	-11463.90	-1659.32	-1812.51	1478.43	-8574.84	1102.58
203	3	10.75	0.15	31	5.33	-11386.20	-781.16	-1793.27	1538.16	-7259.76	1031.49
203	3	10.75	0.15	32	5.33	-11807.20	-1876.91	-2070.51	1501.79	-9932.37	1351.13
203	3	10.75	0.15	1	5.82	-11760.50	-2282.76	-2065.08	1566.94	-10977.40	1474.65
203	3	10.75	0.15	±	5.82	1841.34	9879.70	1513.85	364.65	15330.70	1381.11
203	3	10.75	0.15	2	5.82	-11776.90	-2377.89	-2078.37	1571.63	-11215.00	1502.91
203	3	10.75	0.15	±	5.82	2033.26	10909.10	1670.61	401.98	16964.50	1528.59
203	3	10.75	0.15	3	5.82	-11760.50	-2282.76	-2065.08	1566.94	-10977.40	1474.65
203	3	10.75	0.15	±	5.82	378.17	5182.16	491.55	343.56	3690.15	28.12
203	3	10.75	0.15	4	5.82	-11776.90	-2377.89	-2078.37	1571.63	-11215.00	1502.91
203	3	10.75	0.15	±	5.82	407.86	5655.12	534.96	376.88	3954.30	21.52
203	3	10.75	0.15	5	5.82	-11760.50	-2282.76	-2065.08	1566.94	-10977.40	1474.65
203	3	10.75	0.15	±	5.82	2771.54	10088.50	2004.65	141.38	22254.10	2466.36
203	3	10.75	0.15	6	5.82	-11776.90	-2377.89	-2078.37	1571.63	-11215.00	1502.91
203	3	10.75	0.15	±	5.82	3075.17	11241.20	2223.59	158.66	24821.40	2744.30
203	3	10.75	0.15	7	5.82	-11760.50	-2282.76	-2065.08	1566.94	-10977.40	1474.65
203	3	10.75	0.15	±	5.82	2105.69	5569.95	1403.03	-71.08	16547.90	2043.59
203	3	10.75	0.15	8	5.82	-11776.90	-2377.89	-2078.37	1571.63	-11215.00	1502.91
203	3	10.75	0.15	±	5.82	2342.83	6271.97	1561.92	-75.00	18545.80	2279.27
203	3	10.75	0.15	9	5.82	-11432.90	-375.31	-1798.69	1473.01	-6214.68	907.98
203	3	10.75	0.15	±	5.82	1841.34	9879.70	1513.85	364.65	15330.70	1381.11
203	3	10.75	0.15	10	5.82	-11416.60	-280.18	-1785.40	1468.33	-5977.14	879.72
203	3	10.75	0.15	±	5.82	2033.26	10909.10	1670.61	401.98	16964.50	1528.59
203	3	10.75	0.15	11	5.82	-11432.90	-375.31	-1798.69	1473.01	-6214.68	907.98
203	3	10.75	0.15	±	5.82	378.17	5182.16	491.55	343.56	3690.15	28.12
203	3	10.75	0.15	12	5.82	-11416.60	-280.18	-1785.40	1468.33	-5977.14	879.72
203	3	10.75	0.15	±	5.82	407.86	5655.12	534.96	376.88	3954.30	21.52
203	3	10.75	0.15	13	5.82	-11432.90	-375.31	-1798.69	1473.01	-6214.68	907.98
203	3	10.75	0.15	±	5.82	2771.54	10088.50	2004.65	141.38	22254.10	2466.36
203	3	10.75	0.15	14	5.82	-11416.60	-280.18	-1785.40	1468.33	-5977.14	879.72
203	3	10.75	0.15	±	5.82	3075.17	11241.20	2223.59	158.66	24821.40	2744.30
203	3	10.75	0.15	15	5.82	-11432.90	-375.31	-1798.69	1473.01	-6214.68	907.98
203	3	10.75	0.15	±	5.82	2105.69	5569.95	1403.03	-71.08	16547.90	2043.59
203	3	10.75	0.15	16	5.82	-11416.60	-280.18	-1785.40	1468.33	-5977.14	879.72

203	3	10.75	0.15	±	5.82	2342.83	6271.97	1561.92	-75.00	18545.80	2279.27
203	3	10.75	0.15	17	5.82	-16887.50	-1826.82	-3263.80	2552.46	-13317.40	2023.44
203	3	10.75	0.15	18	5.82	-16621.90	-2487.39	-3025.05	2469.37	-13275.00	1845.98
203	3	10.75	0.15	19	5.82	-16544.10	-1609.23	-3005.80	2529.10	-11959.90	1774.89
203	3	10.75	0.15	20	5.82	-16965.20	-2704.98	-3283.04	2492.73	-14632.50	2094.53
203	3	10.75	0.15	21	5.82	-12535.00	-1064.42	-2338.57	1787.64	-9341.24	1451.44
203	3	10.75	0.15	22	5.82	-12269.40	-1724.98	-2099.82	1704.54	-9298.79	1273.99
203	3	10.75	0.15	23	5.82	-12191.70	-846.83	-2080.58	1764.27	-7983.71	1202.89
203	3	10.75	0.15	24	5.82	-12612.70	-1942.57	-2357.82	1727.90	-10656.30	1522.54
203	3	10.75	0.15	25	5.82	-11900.00	-1013.33	-2119.27	1617.70	-8768.22	1320.99
203	3	10.75	0.15	26	5.82	-11634.40	-1673.90	-1880.52	1534.61	-8725.77	1143.53
203	3	10.75	0.15	27	5.82	-11556.70	-795.74	-1861.28	1594.34	-7410.69	1072.44
203	3	10.75	0.15	28	5.82	-11977.70	-1891.49	-2138.52	1557.97	-10083.30	1392.09
203	3	10.75	0.15	29	5.82	-11729.50	-998.75	-2051.26	1561.52	-8617.29	1280.04
203	3	10.75	0.15	30	5.82	-11463.90	-1659.32	-1812.51	1478.43	-8574.84	1102.58
203	3	10.75	0.15	31	5.82	-11386.20	-781.16	-1793.27	1538.16	-7259.76	1031.49
203	3	10.75	0.15	32	5.82	-11807.20	-1876.91	-2070.51	1501.79	-9932.37	1351.13
203	4	10.75	0.15	1	5.82	-11092.10	-2286.04	-2065.08	549.15	-9888.11	1466.26
203	4	10.75	0.15	±	5.82	1868.61	9879.92	1513.85	391.91	10778.10	1374.35
203	4	10.75	0.15	2	5.82	-11108.60	-2381.16	-2078.37	547.28	-10081.70	1494.46
203	4	10.75	0.15	±	5.82	2063.33	10909.30	1670.61	433.90	11937.60	1521.14
203	4	10.75	0.15	3	5.82	-11092.10	-2286.04	-2065.08	549.15	-9888.11	1466.26
203	4	10.75	0.15	±	5.82	390.67	5182.62	491.55	-107.52	1303.40	27.04
203	4	10.75	0.15	4	5.82	-11108.60	-2381.16	-2078.37	547.28	-10081.70	1494.46
203	4	10.75	0.15	±	5.82	421.53	5655.62	534.96	-120.98	1349.82	20.35
203	4	10.75	0.15	5	5.82	-11092.10	-2286.04	-2065.08	549.15	-9888.11	1466.26
203	4	10.75	0.15	±	5.82	2802.11	10088.20	2004.65	875.04	17603.50	2455.73
203	4	10.75	0.15	6	5.82	-11108.60	-2381.16	-2078.37	547.28	-10081.70	1494.46
203	4	10.75	0.15	±	5.82	3109.06	11240.90	2223.59	971.74	19639.40	2732.53
203	4	10.75	0.15	7	5.82	-11092.10	-2286.04	-2065.08	549.15	-9888.11	1466.26
203	4	10.75	0.15	±	5.82	2124.33	5569.45	1403.03	789.72	13979.00	2035.32
203	4	10.75	0.15	8	5.82	-11108.60	-2381.16	-2078.37	547.28	-10081.70	1494.46
203	4	10.75	0.15	±	5.82	2363.61	6271.41	1561.92	877.86	15653.20	2270.09
203	4	10.75	0.15	9	5.82	-10761.90	-378.71	-1798.69	586.51	-6005.43	900.76
203	4	10.75	0.15	±	5.82	1868.61	9879.92	1513.85	391.91	10778.10	1374.35
203	4	10.75	0.15	10	5.82	-10745.40	-283.58	-1785.40	588.38	-5811.79	872.56
203	4	10.75	0.15	±	5.82	2063.33	10909.30	1670.61	433.90	11937.60	1521.14
203	4	10.75	0.15	11	5.82	-10761.90	-378.71	-1798.69	586.51	-6005.43	900.76
203	4	10.75	0.15	±	5.82	390.67	5182.62	491.55	-107.52	1303.40	27.04
203	4	10.75	0.15	12	5.82	-10745.40	-283.58	-1785.40	588.38	-5811.79	872.56
203	4	10.75	0.15	±	5.82	421.53	5655.62	534.96	-120.98	1349.82	20.35
203	4	10.75	0.15	13	5.82	-10761.90	-378.71	-1798.69	586.51	-6005.43	900.76
203	4	10.75	0.15	±	5.82	2802.11	10088.20	2004.65	875.04	17603.50	2455.73
203	4	10.75	0.15	14	5.82	-10745.40	-283.58	-1785.40	588.38	-5811.79	872.56
203	4	10.75	0.15	±	5.82	3109.06	11240.90	2223.59	971.74	19639.40	2732.53
203	4	10.75	0.15	15	5.82	-10761.90	-378.71	-1798.69	586.51	-6005.43	900.76
203	4	10.75	0.15	±	5.82	2124.33	5569.45	1403.03	789.72	13979.00	2035.32
203	4	10.75	0.15	16	5.82	-10745.40	-283.58	-1785.40	588.38	-5811.79	872.56
203	4	10.75	0.15	±	5.82	2363.61	6271.41	1561.92	877.86	15653.20	2270.09
203	4	10.75	0.15	17	5.82	-16053.00	-1831.79	-3263.80	943.87	-12422.70	2010.23
203	4	10.75	0.15	18	5.82	-15782.60	-2492.47	-3025.05	978.45	-12075.90	1833.75
203	4	10.75	0.15	19	5.82	-15705.10	-1614.28	-3005.80	1047.66	-11165.60	1763.02
203	4	10.75	0.15	20	5.82	-16130.50	-2709.98	-3283.04	874.65	-13333.00	2080.96
203	4	10.75	0.15	21	5.82	-11881.60	-1067.71	-2338.57	635.05	-8816.04	1442.04
203	4	10.75	0.15	22	5.82	-11611.20	-1728.38	-2099.82	669.62	-8469.23	1265.56
203	4	10.75	0.15	23	5.82	-11533.70	-850.19	-2080.58	738.84	-7558.92	1194.83
203	4	10.75	0.15	24	5.82	-11959.10	-1945.90	-2357.82	565.83	-9726.35	1512.76
203	4	10.75	0.15	25	5.82	-11236.10	-1016.62	-2119.27	573.20	-8264.96	1312.43
203	4	10.75	0.15	26	5.82	-10965.70	-1677.30	-1880.52	607.77	-7918.16	1135.95
203	4	10.75	0.15	27	5.82	-10888.20	-799.11	-1861.28	676.99	-7007.85	1065.22
203	4	10.75	0.15	28	5.82	-11313.60	-1894.81	-2138.52	503.98	-9175.28	1383.16
203	4	10.75	0.15	29	5.82	-11062.20	-1002.03	-2051.26	550.54	-8120.17	1271.75
203	4	10.75	0.15	30	5.82	-10791.80	-1662.71	-1812.51	585.12	-7773.37	1095.27
203	4	10.75	0.15	31	5.82	-10714.30	-784.52	-1793.26	654.34	-6863.05	1024.54
203	4	10.75	0.15	32	5.82	-11139.70	-1880.22	-2070.51	481.32	-9030.48	1342.48
203	4	10.75	0.15	1	6.31	-11092.10	-2286.04	-2065.08	549.15	-9888.11	1466.26
203	4	10.75	0.15	±	6.31	1868.61	9879.92	1513.85	391.91	10778.10	1374.35
203	4	10.75	0.15	2	6.31	-11108.60	-2381.16	-2078.37	547.28	-10081.70	1494.46
203	4	10.75	0.15	±	6.31	2063.33	10909.30	1670.61	433.90	11937.60	1521.14
203	4	10.75	0.15	3	6.31	-11092.10	-2286.04	-2065.08	549.15	-9888.11	1466.26
203	4	10.75	0.15	±	6.31	390.67	5182.62	491.55	-107.52	1303.40	27.04
203	4	10.75	0.15	4	6.31	-11108.60	-2381.16	-2078.37	547.28	-10081.70	1494.46
203	4	10.75	0.15	±	6.31	421.53	5655.62	534.96	-120.98	1349.82	20.35
203	4	10.75	0.15	5	6.31	-11092.10	-2286.04	-2065.08	549.15	-9888.11	1466.26
203	4	10.75	0.15	±	6.31	2802.11	10088.20	2004.65	875.04	17603.50	2455.73
203	4	10.75	0.15	6	6.31	-11108.60	-2381.16	-2078.37	547.28	-10081.70	1494.46
203	4	10.75	0.15	±	6.31	3109.06	11240.90	2223.59	971.74	19639.40	2732.53
203	4	10.75	0.15	7	6.31	-11092.10	-2286.04	-2065.08	549.15	-9888.11	1466.26
203	4	10.75	0.15	±	6.31	2124.33	5569.45	1403.03	789.72	13979.00	2035.32
203	4	10.75	0.15	8	6.31	-11108.60	-2381.16	-2078.37	547.28	-10081.70	1494.46
203	4	10.75	0.15	±	6.31	2363.61	6271.41	1561.92	877.86	15653.20	2270.09
203	4	10.75	0.15	9	6.31	-10761.90	-378.71	-1798.69	586.51	-6005.43	900.76

203	4	10.75	0.15 ±	6.31	1868.61	9879.92	1513.85	391.91	10778.10	1374.35
203	4	10.75	0.15 10	6.31	-10745.40	-283.58	-1785.40	588.38	-5811.79	872.56
203	4	10.75	0.15 ±	6.31	2063.33	10909.30	1670.61	433.90	11937.60	1521.14
203	4	10.75	0.15 11	6.31	-10761.90	-378.71	-1798.69	586.51	-6005.43	900.76
203	4	10.75	0.15 ±	6.31	390.67	5182.62	491.55	-107.52	1303.40	27.04
203	4	10.75	0.15 12	6.31	-10745.40	-283.58	-1785.40	588.38	-5811.79	872.56
203	4	10.75	0.15 ±	6.31	421.53	5655.62	534.96	-120.98	1349.82	20.35
203	4	10.75	0.15 13	6.31	-10761.90	-378.71	-1798.69	586.51	-6005.43	900.76
203	4	10.75	0.15 ±	6.31	2802.11	10088.20	2004.65	875.04	17603.50	2455.73
203	4	10.75	0.15 14	6.31	-10745.40	-283.58	-1785.40	588.38	-5811.79	872.56
203	4	10.75	0.15 ±	6.31	3109.06	11240.90	2223.59	971.74	19639.40	2732.53
203	4	10.75	0.15 15	6.31	-10761.90	-378.71	-1798.69	586.51	-6005.43	900.76
203	4	10.75	0.15 ±	6.31	2124.33	5569.45	1403.03	789.72	13979.00	2035.32
203	4	10.75	0.15 16	6.31	-10745.40	-283.58	-1785.40	588.38	-5811.79	872.56
203	4	10.75	0.15 ±	6.31	2363.61	6271.41	1561.92	877.86	15653.20	2270.09
203	4	10.75	0.15 17	6.31	-16053.00	-1831.79	-3263.80	943.87	-12422.70	2010.23
203	4	10.75	0.15 18	6.31	-15782.60	-2492.47	-3025.05	978.45	-12075.90	1833.75
203	4	10.75	0.15 19	6.31	-15705.10	-1614.28	-3005.80	1047.66	-11165.60	1763.02
203	4	10.75	0.15 20	6.31	-16130.50	-2709.98	-3283.04	874.65	-13333.00	2080.96
203	4	10.75	0.15 21	6.31	-11881.60	-1067.71	-2338.57	635.05	-8816.04	1442.04
203	4	10.75	0.15 22	6.31	-11611.20	-1728.38	-2099.82	669.62	-8469.23	1265.56
203	4	10.75	0.15 23	6.31	-11533.70	-850.19	-2080.58	738.84	-7558.92	1194.83
203	4	10.75	0.15 24	6.31	-11959.10	-1945.90	-2357.82	565.83	-9726.35	1512.76
203	4	10.75	0.15 25	6.31	-11236.10	-1016.62	-2119.27	573.20	-8264.96	1312.43
203	4	10.75	0.15 26	6.31	-10965.70	-1677.30	-1880.52	607.77	-7918.16	1135.95
203	4	10.75	0.15 27	6.31	-10888.20	-799.11	-1861.28	676.99	-7007.85	1065.22
203	4	10.75	0.15 28	6.31	-11313.60	-1894.81	-2138.52	503.98	-9175.28	1383.16
203	4	10.75	0.15 29	6.31	-11062.20	-1002.03	-2051.26	550.54	-8120.17	1271.75
203	4	10.75	0.15 30	6.31	-10791.80	-1662.71	-1812.51	585.12	-7773.37	1095.27
203	4	10.75	0.15 31	6.31	-10714.30	-784.52	-1793.26	654.34	-6863.05	1024.54
203	4	10.75	0.15 32	6.31	-11139.70	-1880.22	-2070.51	481.32	-9030.48	1342.48
203	5	10.75	0.15 1	6.31	-10334.80	-2289.16	-2065.08	-468.65	-8852.24	1473.10
203	5	10.75	0.15 ±	6.31	1895.50	9879.96	1513.85	1136.75	6182.66	1380.67
203	5	10.75	0.15 2	6.31	-10351.50	-2384.28	-2078.37	-477.06	-9002.25	1501.36
203	5	10.75	0.15 ±	6.31	2092.99	10909.40	1670.61	1255.82	6864.00	1528.11
203	5	10.75	0.15 3	6.31	-10334.80	-2289.16	-2065.08	-468.65	-8852.24	1473.10
203	5	10.75	0.15 ±	6.31	402.67	5182.80	491.55	133.68	-1131.64	28.53
203	5	10.75	0.15 4	6.31	-10351.50	-2384.28	-2078.37	-477.06	-9002.25	1501.36
203	5	10.75	0.15 ±	6.31	434.64	5655.83	534.96	141.50	-1307.61	21.98
203	5	10.75	0.15 5	6.31	-10334.80	-2289.16	-2065.08	-468.65	-8852.24	1473.10
203	5	10.75	0.15 ±	6.31	2832.78	10088.00	2004.65	1862.35	12948.20	2464.94
203	5	10.75	0.15 6	6.31	-10351.50	-2384.28	-2078.37	-477.06	-9002.25	1501.36
203	5	10.75	0.15 ±	6.31	3143.07	11240.70	2223.59	2066.81	14452.80	2742.73
203	5	10.75	0.15 7	6.31	-10334.80	-2289.16	-2065.08	-468.65	-8852.24	1473.10
203	5	10.75	0.15 ±	6.31	2143.33	5569.19	1403.03	1481.22	11432.90	2042.18
203	5	10.75	0.15 8	6.31	-10351.50	-2384.28	-2078.37	-477.06	-9002.25	1501.36
203	5	10.75	0.15 ±	6.31	2384.78	6271.11	1561.92	1647.61	12785.90	2277.71
203	5	10.75	0.15 9	6.31	-10001.20	-381.89	-1798.69	-299.99	-5844.49	906.49
203	5	10.75	0.15 ±	6.31	1895.50	9879.96	1513.85	1136.75	6182.66	1380.67
203	5	10.75	0.15 10	6.31	-9984.51	-286.77	-1785.40	-291.58	-5694.48	878.23
203	5	10.75	0.15 ±	6.31	2092.99	10909.40	1670.61	1255.82	6864.00	1528.11
203	5	10.75	0.15 11	6.31	-10001.20	-381.89	-1798.69	-299.99	-5844.49	906.49
203	5	10.75	0.15 ±	6.31	402.67	5182.80	491.55	133.68	-1131.64	28.53
203	5	10.75	0.15 12	6.31	-9984.51	-286.77	-1785.40	-291.58	-5694.48	878.23
203	5	10.75	0.15 ±	6.31	434.64	5655.83	534.96	141.50	-1307.61	21.98
203	5	10.75	0.15 13	6.31	-10001.20	-381.89	-1798.69	-299.99	-5844.49	906.49
203	5	10.75	0.15 ±	6.31	2832.78	10088.00	2004.65	1862.35	12948.20	2464.94
203	5	10.75	0.15 14	6.31	-9984.51	-286.77	-1785.40	-291.58	-5694.48	878.23
203	5	10.75	0.15 ±	6.31	3143.07	11240.70	2223.59	2066.81	14452.80	2742.73
203	5	10.75	0.15 15	6.31	-10001.20	-381.89	-1798.69	-299.99	-5844.49	906.49
203	5	10.75	0.15 ±	6.31	2143.33	5569.19	1403.03	1481.22	11432.90	2042.18
203	5	10.75	0.15 16	6.31	-9984.51	-286.77	-1785.40	-291.58	-5694.48	878.23
203	5	10.75	0.15 ±	6.31	2384.78	6271.11	1561.92	1647.61	12785.90	2277.71
203	5	10.75	0.15 17	6.31	-15069.80	-1836.49	-3263.80	-664.73	-11603.50	2020.88
203	5	10.75	0.15 18	6.31	-14794.80	-2497.22	-3025.05	-512.48	-10939.80	1843.45
203	5	10.75	0.15 19	6.31	-14717.50	-1619.02	-3005.80	-433.78	-10440.70	1772.50
203	5	10.75	0.15 20	6.31	-15147.10	-2714.69	-3283.04	-743.43	-12102.60	2091.84
203	5	10.75	0.15 21	6.31	-11133.70	-1070.84	-2338.57	-517.54	-8343.22	1449.72
203	5	10.75	0.15 22	6.31	-10858.80	-1731.56	-2099.82	-365.30	-7679.46	1272.29
203	5	10.75	0.15 23	6.31	-10781.40	-853.36	-2080.58	-286.59	-7180.38	1201.33
203	5	10.75	0.15 24	6.31	-11211.00	-1949.03	-2357.82	-596.25	-8842.30	1520.67
203	5	10.75	0.15 25	6.31	-10481.30	-1019.75	-2119.27	-471.31	-7817.63	1319.40
203	5	10.75	0.15 26	6.31	-10206.40	-1680.47	-1880.52	-319.06	-7153.87	1141.98
203	5	10.75	0.15 27	6.31	-10129.00	-802.27	-1861.28	-240.36	-6654.79	1071.02
203	5	10.75	0.15 28	6.31	-10558.60	-1897.95	-2138.52	-550.01	-8316.71	1390.36
203	5	10.75	0.15 29	6.31	-10305.50	-1005.17	-2051.26	-460.44	-7680.25	1278.51
203	5	10.75	0.15 30	6.31	-10030.50	-1665.89	-1812.51	-308.20	-7016.48	1101.08
203	5	10.75	0.15 31	6.31	-9953.19	-787.69	-1793.27	-229.49	-6517.40	1030.13
203	5	10.75	0.15 32	6.31	-10382.80	-1883.36	-2070.51	-539.15	-8179.33	1349.46
203	5	10.75	0.15 1	6.80	-10334.80	-2289.16	-2065.08	-468.65	-8852.24	1473.10
203	5	10.75	0.15 ±	6.80	1895.50	9879.96	1513.85	1136.75	6182.66	1380.67
203	5	10.75	0.15 2	6.80	-10351.50	-2384.28	-2078.37	-477.06	-9002.25	1501.36

203	5	10.75	0.15	±	6.80	2092.99	10909.40	1670.61	1255.82	6864.00	1528.11
203	5	10.75	0.15	3	6.80	-10334.80	-2289.16	-2065.08	-468.65	-8852.24	1473.10
203	5	10.75	0.15	±	6.80	402.67	5182.80	491.55	133.68	-1131.64	28.53
203	5	10.75	0.15	4	6.80	-10351.50	-2384.28	-2078.37	-477.06	-9002.25	1501.36
203	5	10.75	0.15	±	6.80	434.64	5655.83	534.96	141.50	-1307.61	21.98
203	5	10.75	0.15	5	6.80	-10334.80	-2289.16	-2065.08	-468.65	-8852.24	1473.10
203	5	10.75	0.15	±	6.80	2832.78	10088.00	2004.65	1862.35	12948.20	2464.94
203	5	10.75	0.15	6	6.80	-10351.50	-2384.28	-2078.37	-477.06	-9002.25	1501.36
203	5	10.75	0.15	±	6.80	3143.07	11240.70	2223.59	2066.81	14452.80	2742.73
203	5	10.75	0.15	7	6.80	-10334.80	-2289.16	-2065.08	-468.65	-8852.24	1473.10
203	5	10.75	0.15	±	6.80	2143.33	5569.19	1403.03	1481.22	11432.90	2042.18
203	5	10.75	0.15	8	6.80	-10351.50	-2384.28	-2078.37	-477.06	-9002.25	1501.36
203	5	10.75	0.15	±	6.80	2384.78	6271.11	1561.92	1647.61	12785.90	2277.71
203	5	10.75	0.15	9	6.80	-10001.20	-381.89	-1798.69	-299.99	-5844.49	906.49
203	5	10.75	0.15	±	6.80	1895.50	9879.96	1513.85	1136.75	6182.66	1380.67
203	5	10.75	0.15	10	6.80	-9984.51	-286.77	-1785.40	-291.58	-5694.48	878.23
203	5	10.75	0.15	±	6.80	2092.99	10909.40	1670.61	1255.82	6864.00	1528.11
203	5	10.75	0.15	11	6.80	-10001.20	-381.89	-1798.69	-299.99	-5844.49	906.49
203	5	10.75	0.15	±	6.80	402.67	5182.80	491.55	133.68	-1131.64	28.53
203	5	10.75	0.15	12	6.80	-9984.51	-286.77	-1785.40	-291.58	-5694.48	878.23
203	5	10.75	0.15	±	6.80	434.64	5655.83	534.96	141.50	-1307.61	21.98
203	5	10.75	0.15	13	6.80	-10001.20	-381.89	-1798.69	-299.99	-5844.49	906.49
203	5	10.75	0.15	±	6.80	2832.78	10088.00	2004.65	1862.35	12948.20	2464.94
203	5	10.75	0.15	14	6.80	-9984.51	-286.77	-1785.40	-291.58	-5694.48	878.23
203	5	10.75	0.15	±	6.80	3143.07	11240.70	2223.59	2066.81	14452.80	2742.73
203	5	10.75	0.15	15	6.80	-10001.20	-381.89	-1798.69	-299.99	-5844.49	906.49
203	5	10.75	0.15	±	6.80	2143.33	5569.19	1403.03	1481.22	11432.90	2042.18
203	5	10.75	0.15	16	6.80	-9984.51	-286.77	-1785.40	-291.58	-5694.48	878.23
203	5	10.75	0.15	±	6.80	2384.78	6271.11	1561.92	1647.61	12785.90	2277.71
203	5	10.75	0.15	17	6.80	-15069.80	-1836.49	-3263.80	-664.73	-11603.50	2020.88
203	5	10.75	0.15	18	6.80	-14794.80	-2497.22	-3025.05	-512.48	-10939.80	1843.45
203	5	10.75	0.15	19	6.80	-14717.50	-1619.02	-3005.80	-433.78	-10440.70	1772.50
203	5	10.75	0.15	20	6.80	-15147.10	-2714.69	-3283.04	-743.43	-12102.60	2091.84
203	5	10.75	0.15	21	6.80	-11133.70	-1070.84	-2338.57	-517.54	-8343.22	1449.72
203	5	10.75	0.15	22	6.80	-10858.80	-1731.56	-2099.82	-365.30	-7679.46	1272.29
203	5	10.75	0.15	23	6.80	-10781.40	-853.36	-2080.58	-286.59	-7180.38	1201.33
203	5	10.75	0.15	24	6.80	-11211.00	-1949.03	-2357.82	-596.25	-8842.30	1520.67
203	5	10.75	0.15	25	6.80	-10481.30	-1019.75	-2119.27	-471.31	-7817.63	1319.40
203	5	10.75	0.15	26	6.80	-10206.40	-1680.47	-1880.52	-319.06	-7153.87	1141.98
203	5	10.75	0.15	27	6.80	-10129.00	-802.27	-1861.28	-240.36	-6654.79	1071.02
203	5	10.75	0.15	28	6.80	-10558.60	-1897.95	-2138.52	-550.01	-8316.71	1390.36
203	5	10.75	0.15	29	6.80	-10305.50	-1005.17	-2051.26	-460.44	-7680.25	1278.51
203	5	10.75	0.15	30	6.80	-10030.50	-1665.89	-1812.51	-308.20	-7016.48	1101.08
203	5	10.75	0.15	31	6.80	-9953.19	-787.69	-1793.27	-229.49	-6517.40	1030.13
203	5	10.75	0.15	32	6.80	-10382.80	-1883.36	-2070.51	-539.15	-8179.33	1349.46
203	6	10.75	0.15	1	6.80	-9201.42	-2292.18	-2065.08	-1486.44	-7745.78	1490.02
203	6	10.75	0.15	±	6.80	1972.96	9879.86	1513.85	1882.68	3093.05	1398.43
203	6	10.75	0.15	2	6.80	-9217.95	-2387.30	-2078.37	-1501.40	-7849.57	1518.43
203	6	10.75	0.15	±	6.80	2178.14	10909.20	1670.61	2078.98	3446.76	1547.69
203	6	10.75	0.15	3	6.80	-9201.42	-2292.18	-2065.08	-1486.44	-7745.78	1490.02
203	6	10.75	0.15	±	6.80	486.02	5182.74	491.55	375.83	-2005.70	33.59
203	6	10.75	0.15	4	6.80	-9217.95	-2387.30	-2078.37	-1501.40	-7849.57	1518.43
203	6	10.75	0.15	±	6.80	526.33	5655.76	534.96	405.04	-2246.12	27.49
203	6	10.75	0.15	5	6.80	-9201.42	-2292.18	-2065.08	-1486.44	-7745.78	1490.02
203	6	10.75	0.15	±	6.80	2847.08	10087.90	2004.65	2850.19	8661.02	2489.53
203	6	10.75	0.15	6	6.80	-9217.95	-2387.30	-2078.37	-1501.40	-7849.57	1518.43
203	6	10.75	0.15	±	6.80	3158.68	11240.60	2223.59	3162.52	9668.23	2769.95
203	6	10.75	0.15	7	6.80	-9201.42	-2292.18	-2065.08	-1486.44	-7745.78	1490.02
203	6	10.75	0.15	±	6.80	2109.39	5569.14	1403.03	2172.64	8334.82	2059.92
203	6	10.75	0.15	8	6.80	-9217.95	-2387.30	-2078.37	-1501.40	-7849.57	1518.43
203	6	10.75	0.15	±	6.80	2347.34	6271.06	1561.92	2417.31	9308.04	2297.39
203	6	10.75	0.15	9	6.80	-8870.13	-384.92	-1798.69	-1186.48	-5664.70	920.34
203	6	10.75	0.15	±	6.80	1972.96	9879.86	1513.85	1882.68	3093.05	1398.43
203	6	10.75	0.15	10	6.80	-8853.60	-289.80	-1785.40	-1171.52	-5560.91	891.92
203	6	10.75	0.15	±	6.80	2178.14	10909.20	1670.61	2078.98	3446.76	1547.69
203	6	10.75	0.15	11	6.80	-8870.13	-384.92	-1798.69	-1186.48	-5664.70	920.34
203	6	10.75	0.15	±	6.80	486.02	5182.74	491.55	375.83	-2005.70	33.59
203	6	10.75	0.15	12	6.80	-8853.60	-289.80	-1785.40	-1171.52	-5560.91	891.92
203	6	10.75	0.15	±	6.80	526.33	5655.76	534.96	405.04	-2246.12	27.49
203	6	10.75	0.15	13	6.80	-8870.13	-384.92	-1798.69	-1186.48	-5664.70	920.34
203	6	10.75	0.15	±	6.80	2847.08	10087.90	2004.65	2850.19	8661.02	2489.53
203	6	10.75	0.15	14	6.80	-8853.60	-289.80	-1785.40	-1171.52	-5560.91	891.92
203	6	10.75	0.15	±	6.80	3158.68	11240.60	2223.59	3162.52	9668.23	2769.95
203	6	10.75	0.15	15	6.80	-8870.13	-384.92	-1798.69	-1186.48	-5664.70	920.34
203	6	10.75	0.15	±	6.80	2109.39	5569.14	1403.03	2172.64	8334.82	2059.92
203	6	10.75	0.15	16	6.80	-8853.60	-289.80	-1785.40	-1171.52	-5560.91	891.92
203	6	10.75	0.15	±	6.80	2347.34	6271.06	1561.92	2417.31	9308.04	2297.39
203	6	10.75	0.15	17	6.80	-13587.90	-1841.02	-3263.80	-2273.31	-10690.70	2047.04
203	6	10.75	0.15	18	6.80	-13294.50	-2501.72	-3025.05	-2003.39	-9839.38	1866.90
203	6	10.75	0.15	19	6.80	-13227.50	-1623.54	-3005.80	-1915.20	-9686.35	1795.48
203	6	10.75	0.15	20	6.80	-13654.90	-2719.20	-3283.04	-2361.49	-10843.80	2118.45
203	6	10.75	0.15	21	6.80	-10005.20	-1073.86	-2338.57	-1670.12	-7777.85	1468.73

203	6	10.75	0.15	22	6.80	-9711.78	-1734.56	-2099.82	-1400.20	-6926.49	1288.59
203	6	10.75	0.15	23	6.80	-9644.79	-856.38	-2080.58	-1312.02	-6773.46	1217.18
203	6	10.75	0.15	24	6.80	-10072.20	-1952.04	-2357.82	-1758.31	-7930.88	1540.15
203	6	10.75	0.15	25	6.80	-9357.06	-1022.78	-2119.27	-1515.80	-7265.00	1336.67
203	6	10.75	0.15	26	6.80	-9063.64	-1683.49	-1880.52	-1245.89	-6413.63	1156.53
203	6	10.75	0.15	27	6.80	-8996.66	-805.30	-1861.28	-1157.70	-6260.60	1085.11
203	6	10.75	0.15	28	6.80	-9424.04	-1900.97	-2138.52	-1603.99	-7418.02	1408.09
203	6	10.75	0.15	29	6.80	-9182.48	-1008.20	-2051.26	-1471.42	-7130.92	1295.25
203	6	10.75	0.15	30	6.80	-8889.07	-1668.91	-1812.51	-1201.50	-6279.56	1115.11
203	6	10.75	0.15	31	6.80	-8822.08	-790.72	-1793.27	-1113.31	-6126.53	1043.69
203	6	10.75	0.15	32	6.80	-9249.47	-1886.38	-2070.51	-1559.60	-7283.95	1366.66
203	6	10.75	0.15	1	7.30	-9201.42	-2292.18	-2065.08	-1486.44	-7745.78	1490.02
203	6	10.75	0.15	±	7.30	1972.96	9879.86	1513.85	1882.68	3093.05	1398.43
203	6	10.75	0.15	2	7.30	-9217.95	-2387.30	-2078.37	-1501.40	-7849.57	1518.43
203	6	10.75	0.15	±	7.30	2178.14	10909.20	1670.61	2078.98	3446.76	1547.69
203	6	10.75	0.15	3	7.30	-9201.42	-2292.18	-2065.08	-1486.44	-7745.78	1490.02
203	6	10.75	0.15	±	7.30	486.02	5182.74	491.55	375.83	-2005.70	33.59
203	6	10.75	0.15	4	7.30	-9217.95	-2387.30	-2078.37	-1501.40	-7849.57	1518.43
203	6	10.75	0.15	±	7.30	526.33	5655.76	534.96	405.04	-2246.12	27.49
203	6	10.75	0.15	5	7.30	-9201.42	-2292.18	-2065.08	-1486.44	-7745.78	1490.02
203	6	10.75	0.15	±	7.30	2847.08	10087.90	2004.65	2850.19	8661.02	2489.53
203	6	10.75	0.15	6	7.30	-9217.95	-2387.30	-2078.37	-1501.40	-7849.57	1518.43
203	6	10.75	0.15	±	7.30	3158.68	11240.60	2223.59	3162.52	9668.23	2769.95
203	6	10.75	0.15	7	7.30	-9201.42	-2292.18	-2065.08	-1486.44	-7745.78	1490.02
203	6	10.75	0.15	±	7.30	2109.39	5569.14	1403.03	2172.64	8334.82	2059.92
203	6	10.75	0.15	8	7.30	-9217.95	-2387.30	-2078.37	-1501.40	-7849.57	1518.43
203	6	10.75	0.15	±	7.30	2347.34	6271.06	1561.92	2417.31	9308.04	2297.39
203	6	10.75	0.15	9	7.30	-8870.13	-384.92	-1798.69	-1186.48	-5664.70	920.34
203	6	10.75	0.15	±	7.30	1972.96	9879.86	1513.85	1882.68	3093.05	1398.43
203	6	10.75	0.15	10	7.30	-8853.60	-289.80	-1785.40	-1171.52	-5560.91	891.92
203	6	10.75	0.15	±	7.30	2178.14	10909.20	1670.61	2078.98	3446.76	1547.69
203	6	10.75	0.15	11	7.30	-8870.13	-384.92	-1798.69	-1186.48	-5664.70	920.34
203	6	10.75	0.15	±	7.30	486.02	5182.74	491.55	375.83	-2005.70	33.59
203	6	10.75	0.15	12	7.30	-8853.60	-289.80	-1785.40	-1171.52	-5560.91	891.92
203	6	10.75	0.15	±	7.30	526.33	5655.76	534.96	405.04	-2246.12	27.49
203	6	10.75	0.15	13	7.30	-8870.13	-384.92	-1798.69	-1186.48	-5664.70	920.34
203	6	10.75	0.15	±	7.30	2847.08	10087.90	2004.65	2850.19	8661.02	2489.53
203	6	10.75	0.15	14	7.30	-8853.60	-289.80	-1785.40	-1171.52	-5560.91	891.92
203	6	10.75	0.15	±	7.30	3158.68	11240.60	2223.59	3162.52	9668.23	2769.95
203	6	10.75	0.15	15	7.30	-8870.13	-384.92	-1798.69	-1186.48	-5664.70	920.34
203	6	10.75	0.15	±	7.30	2109.39	5569.14	1403.03	2172.64	8334.82	2059.92
203	6	10.75	0.15	16	7.30	-8853.60	-289.80	-1785.40	-1171.52	-5560.91	891.92
203	6	10.75	0.15	±	7.30	2347.34	6271.06	1561.92	2417.31	9308.04	2297.39
203	6	10.75	0.15	17	7.30	-13587.90	-1841.02	-3263.80	-2273.31	-10690.70	2047.04
203	6	10.75	0.15	18	7.30	-13294.50	-2501.72	-3025.05	-2003.39	-9839.38	1866.90
203	6	10.75	0.15	19	7.30	-13227.50	-1623.54	-3005.80	-1915.20	-9686.35	1795.48
203	6	10.75	0.15	20	7.30	-13654.90	-2719.20	-3283.04	-2361.49	-10843.80	2118.45
203	6	10.75	0.15	21	7.30	-10005.20	-1073.86	-2338.57	-1670.12	-7777.85	1468.73
203	6	10.75	0.15	22	7.30	-9711.78	-1734.56	-2099.82	-1400.20	-6926.49	1288.59
203	6	10.75	0.15	23	7.30	-9644.79	-856.38	-2080.58	-1312.02	-6773.46	1217.18
203	6	10.75	0.15	24	7.30	-10072.20	-1952.04	-2357.82	-1758.31	-7930.88	1540.15
203	6	10.75	0.15	25	7.30	-9357.06	-1022.78	-2119.27	-1515.80	-7265.00	1336.67
203	6	10.75	0.15	26	7.30	-9063.64	-1683.49	-1880.52	-1245.89	-6413.63	1156.53
203	6	10.75	0.15	27	7.30	-8996.66	-805.30	-1861.28	-1157.70	-6260.60	1085.11
203	6	10.75	0.15	28	7.30	-9424.04	-1900.97	-2138.52	-1603.99	-7418.02	1408.09
203	6	10.75	0.15	29	7.30	-9182.48	-1008.20	-2051.26	-1471.42	-7130.92	1295.25
203	6	10.75	0.15	30	7.30	-8889.07	-1668.91	-1812.51	-1201.50	-6279.56	1115.11
203	6	10.75	0.15	31	7.30	-8822.08	-790.72	-1793.27	-1113.31	-6126.53	1043.69
203	6	10.75	0.15	32	7.30	-9249.47	-1886.38	-2070.51	-1559.60	-7283.95	1366.66
203	7	10.75	0.15	1	7.30	-4747.21	-2295.05	-2065.08	-2504.22	-5505.10	1242.06
203	7	10.75	0.15	±	7.30	2328.10	9879.93	1513.85	2628.71	2957.50	1144.31
203	7	10.75	0.15	2	7.30	-4760.65	-2390.17	-2078.37	-2525.73	-5537.71	1268.30
203	7	10.75	0.15	±	7.30	2567.38	10909.30	1670.61	2902.26	3266.50	1267.50
203	7	10.75	0.15	3	7.30	-4747.21	-2295.05	-2065.08	-2504.22	-5505.10	1242.06
203	7	10.75	0.15	±	7.30	1073.65	5182.82	491.55	618.05	722.81	-37.14
203	7	10.75	0.15	4	7.30	-4760.65	-2390.17	-2078.37	-2525.73	-5537.71	1268.30
203	7	10.75	0.15	±	7.30	1173.82	5655.84	534.96	668.65	781.00	-49.58
203	7	10.75	0.15	5	7.30	-4747.21	-2295.05	-2065.08	-2504.22	-5505.10	1242.06
203	7	10.75	0.15	±	7.30	2601.02	10087.90	2004.65	3838.11	4276.54	2135.16
203	7	10.75	0.15	6	7.30	-4760.65	-2390.17	-2078.37	-2525.73	-5537.71	1268.30
203	7	10.75	0.15	±	7.30	2883.77	11240.60	2223.59	4258.33	4749.62	2377.82
203	7	10.75	0.15	7	7.30	-4747.21	-2295.05	-2065.08	-2504.22	-5505.10	1242.06
203	7	10.75	0.15	±	7.30	1580.50	5569.10	1403.03	2864.08	3172.44	1803.00
203	7	10.75	0.15	8	7.30	-4760.65	-2390.17	-2078.37	-2525.73	-5537.71	1268.30
203	7	10.75	0.15	±	7.30	1761.41	6271.02	1561.92	3187.05	3535.37	2012.45
203	7	10.75	0.15	9	7.30	-4477.59	-387.78	-1798.69	-2072.97	-4851.16	716.05
203	7	10.75	0.15	±	7.30	2328.10	9879.93	1513.85	2628.71	2957.50	1144.31
203	7	10.75	0.15	10	7.30	-4464.15	-292.66	-1785.40	-2051.47	-4818.54	689.81
203	7	10.75	0.15	±	7.30	2567.38	10909.30	1670.61	2902.26	3266.50	1267.50
203	7	10.75	0.15	11	7.30	-4477.59	-387.78	-1798.69	-2072.97	-4851.16	716.05
203	7	10.75	0.15	±	7.30	1073.65	5182.82	491.55	618.05	722.81	-37.14
203	7	10.75	0.15	12	7.30	-4464.15	-292.66	-1785.40	-2051.47	-4818.54	689.81

203	7	10.75	0.15	±	7.30	1173.82	5655.84	534.96	668.65	781.00	-49.58
203	7	10.75	0.15	13	7.30	-4477.59	-387.78	-1798.69	-2072.97	-4851.16	716.05
203	7	10.75	0.15	±	7.30	2601.02	10087.90	2004.65	3838.11	4276.54	2135.16
203	7	10.75	0.15	14	7.30	-4464.15	-292.66	-1785.40	-2051.47	-4818.54	689.81
203	7	10.75	0.15	±	7.30	2883.77	11240.60	2223.59	4258.33	4749.62	2377.82
203	7	10.75	0.15	15	7.30	-4477.59	-387.78	-1798.69	-2072.97	-4851.16	716.05
203	7	10.75	0.15	±	7.30	1580.50	5569.10	1403.03	2864.08	3172.44	1803.00
203	7	10.75	0.15	16	7.30	-4464.15	-292.66	-1785.40	-2051.47	-4818.54	689.81
203	7	10.75	0.15	±	7.30	1761.41	6271.02	1561.92	3187.05	3535.37	2012.45
203	7	10.75	0.15	17	7.30	-7621.59	-1845.28	-3263.80	-3881.88	-8144.13	1662.74
203	7	10.75	0.15	18	7.30	-7221.79	-2506.00	-3025.05	-3494.30	-8280.41	1521.36
203	7	10.75	0.15	19	7.30	-7243.24	-1627.81	-3005.80	-3396.63	-7906.52	1457.05
203	7	10.75	0.15	20	7.30	-7600.13	-2723.47	-3283.04	-3979.56	-8518.03	1727.04
203	7	10.75	0.15	21	7.30	-5492.30	-1076.69	-2338.57	-2822.70	-5791.80	1189.84
203	7	10.75	0.15	22	7.30	-5092.50	-1737.41	-2099.82	-2435.11	-5928.08	1048.46
203	7	10.75	0.15	23	7.30	-5113.95	-859.22	-2080.58	-2337.44	-5554.18	984.16
203	7	10.75	0.15	24	7.30	-5470.85	-1954.88	-2357.82	-2920.37	-6165.70	1254.15
203	7	10.75	0.15	25	7.30	-4956.08	-1025.63	-2119.27	-2560.29	-5255.43	1083.45
203	7	10.75	0.15	26	7.30	-4556.28	-1686.35	-1880.52	-2172.71	-5391.71	942.07
203	7	10.75	0.15	27	7.30	-4577.74	-808.16	-1861.28	-2075.04	-5017.81	877.76
203	7	10.75	0.15	28	7.30	-4934.63	-1903.82	-2138.52	-2657.97	-5629.33	1147.75
203	7	10.75	0.15	29	7.30	-4812.30	-1011.06	-2051.26	-2482.39	-5109.99	1049.75
203	7	10.75	0.15	30	7.30	-4412.50	-1671.77	-1812.51	-2094.81	-5246.27	908.37
203	7	10.75	0.15	31	7.30	-4433.95	-793.59	-1793.26	-1997.13	-4872.37	844.06
203	7	10.75	0.15	32	7.30	-4790.85	-1889.24	-2070.51	-2580.06	-5483.89	1114.05
203	7	10.75	0.15	1	7.79	-4747.21	-2295.05	-2065.08	-2504.22	-5505.10	1242.06
203	7	10.75	0.15	±	7.79	2328.10	9879.93	1513.85	2628.71	2957.50	1144.31
203	7	10.75	0.15	2	7.79	-4760.65	-2390.17	-2078.37	-2525.73	-5537.71	1268.30
203	7	10.75	0.15	±	7.79	2567.38	10909.30	1670.61	2902.26	3266.50	1267.50
203	7	10.75	0.15	3	7.79	-4747.21	-2295.05	-2065.08	-2504.22	-5505.10	1242.06
203	7	10.75	0.15	±	7.79	1073.65	5182.82	491.55	618.05	722.81	-37.14
203	7	10.75	0.15	4	7.79	-4760.65	-2390.17	-2078.37	-2525.73	-5537.71	1268.30
203	7	10.75	0.15	±	7.79	1173.82	5655.84	534.96	668.65	781.00	-49.58
203	7	10.75	0.15	5	7.79	-4747.21	-2295.05	-2065.08	-2504.22	-5505.10	1242.06
203	7	10.75	0.15	±	7.79	2601.02	10087.90	2004.65	3838.11	4276.54	2135.16
203	7	10.75	0.15	6	7.79	-4760.65	-2390.17	-2078.37	-2525.73	-5537.71	1268.30
203	7	10.75	0.15	±	7.79	2883.77	11240.60	2223.59	4258.33	4749.62	2377.82
203	7	10.75	0.15	7	7.79	-4747.21	-2295.05	-2065.08	-2504.22	-5505.10	1242.06
203	7	10.75	0.15	±	7.79	1580.50	5569.10	1403.03	2864.08	3172.44	1803.00
203	7	10.75	0.15	8	7.79	-4760.65	-2390.17	-2078.37	-2525.73	-5537.71	1268.30
203	7	10.75	0.15	±	7.79	1761.41	6271.02	1561.92	3187.05	3535.37	2012.45
203	7	10.75	0.15	9	7.79	-4477.59	-387.78	-1798.69	-2072.97	-4851.16	716.05
203	7	10.75	0.15	±	7.79	2328.10	9879.93	1513.85	2628.71	2957.50	1144.31
203	7	10.75	0.15	10	7.79	-4464.15	-292.66	-1785.40	-2051.47	-4818.54	689.81
203	7	10.75	0.15	±	7.79	2567.38	10909.30	1670.61	2902.26	3266.50	1267.50
203	7	10.75	0.15	11	7.79	-4477.59	-387.78	-1798.69	-2072.97	-4851.16	716.05
203	7	10.75	0.15	±	7.79	1073.65	5182.82	491.55	618.05	722.81	-37.14
203	7	10.75	0.15	12	7.79	-4464.15	-292.66	-1785.40	-2051.47	-4818.54	689.81
203	7	10.75	0.15	±	7.79	1173.82	5655.84	534.96	668.65	781.00	-49.58
203	7	10.75	0.15	13	7.79	-4477.59	-387.78	-1798.69	-2072.97	-4851.16	716.05
203	7	10.75	0.15	±	7.79	2601.02	10087.90	2004.65	3838.11	4276.54	2135.16
203	7	10.75	0.15	14	7.79	-4464.15	-292.66	-1785.40	-2051.47	-4818.54	689.81
203	7	10.75	0.15	±	7.79	2883.77	11240.60	2223.59	4258.33	4749.62	2377.82
203	7	10.75	0.15	15	7.79	-4477.59	-387.78	-1798.69	-2072.97	-4851.16	716.05
203	7	10.75	0.15	±	7.79	1580.50	5569.10	1403.03	2864.08	3172.44	1803.00
203	7	10.75	0.15	16	7.79	-4464.15	-292.66	-1785.40	-2051.47	-4818.54	689.81
203	7	10.75	0.15	±	7.79	1761.41	6271.02	1561.92	3187.05	3535.37	2012.45
203	7	10.75	0.15	17	7.79	-7621.59	-1845.28	-3263.80	-3881.88	-8144.13	1662.74
203	7	10.75	0.15	18	7.79	-7221.79	-2506.00	-3025.05	-3494.30	-8280.41	1521.36
203	7	10.75	0.15	19	7.79	-7243.24	-1627.81	-3005.80	-3396.63	-7906.52	1457.05
203	7	10.75	0.15	20	7.79	-7600.13	-2723.47	-3283.04	-3979.56	-8518.03	1727.04
203	7	10.75	0.15	21	7.79	-5492.30	-1076.69	-2338.57	-2822.70	-5791.80	1189.84
203	7	10.75	0.15	22	7.79	-5092.50	-1737.41	-2099.82	-2435.11	-5928.08	1048.46
203	7	10.75	0.15	23	7.79	-5113.95	-859.22	-2080.58	-2337.44	-5554.18	984.16
203	7	10.75	0.15	24	7.79	-5470.85	-1954.88	-2357.82	-2920.37	-6165.70	1254.15
203	7	10.75	0.15	25	7.79	-4956.08	-1025.63	-2119.27	-2560.29	-5255.43	1083.45
203	7	10.75	0.15	26	7.79	-4556.28	-1686.35	-1880.52	-2172.71	-5391.71	942.07
203	7	10.75	0.15	27	7.79	-4577.74	-808.16	-1861.28	-2075.04	-5017.81	877.76
203	7	10.75	0.15	28	7.79	-4934.63	-1903.82	-2138.52	-2657.97	-5629.33	1147.75
203	7	10.75	0.15	29	7.79	-4812.30	-1011.06	-2051.26	-2482.39	-5109.99	1049.75
203	7	10.75	0.15	30	7.79	-4412.50	-1671.77	-1812.51	-2094.81	-5246.27	908.37
203	7	10.75	0.15	31	7.79	-4433.95	-793.59	-1793.26	-1997.13	-4872.37	844.06
203	7	10.75	0.15	32	7.79	-4790.85	-1889.24	-2070.51	-2580.06	-5483.89	1114.05
207	1	17.79	15.35	1	4.34	-26002.20	579.19	3218.90	2577.19	1734.67	-142.52
207	1	17.79	15.35	±	4.34	2487.35	2087.60	4044.25	15774.60	2436.88	1014.21
207	1	17.79	15.35	2	4.34	-26049.00	573.05	3204.31	2710.51	1735.09	-120.95
207	1	17.79	15.35	±	4.34	2787.10	2298.67	4496.12	17566.70	2681.84	1126.67
207	1	17.79	15.35	3	4.34	-26002.20	579.19	3218.90	2577.19	1734.67	-142.52
207	1	17.79	15.35	±	4.34	-1626.10	1999.22	-3206.15	-12541.50	2341.51	545.91
207	1	17.79	15.35	4	4.34	-26049.00	573.05	3204.31	2710.51	1735.09	-120.95
207	1	17.79	15.35	±	4.34	-1836.47	2195.79	-3565.08	-13973.50	2573.19	589.07
207	1	17.79	15.35	5	4.34	-26002.20	579.19	3218.90	2577.19	1734.67	-142.52

207	1	17.79	15.35	±	4.34	6984.94	760.31	12209.70	47678.40	875.72	1014.51
207	1	17.79	15.35	6	4.34	-26049.00	573.05	3204.31	2710.51	1735.09	-120.95
207	1	17.79	15.35	±	4.34	7848.54	845.63	13575.00	53105.90	969.34	1153.35
207	1	17.79	15.35	7	4.34	-26002.20	579.19	3218.90	2577.19	1734.67	-142.52
207	1	17.79	15.35	±	4.34	6726.57	-465.74	11958.30	46708.50	-557.80	546.47
207	1	17.79	15.35	8	4.34	-26049.00	573.05	3204.31	2710.51	1735.09	-120.95
207	1	17.79	15.35	±	4.34	7563.35	-502.71	13295.70	52028.00	-607.17	638.63
207	1	17.79	15.35	9	4.34	-25063.30	702.36	3511.46	-96.06	1726.19	-574.91
207	1	17.79	15.35	±	4.34	2487.35	2087.60	4044.25	15774.60	2436.88	1014.21
207	1	17.79	15.35	10	4.34	-25016.50	708.50	3526.05	-229.39	1725.77	-596.48
207	1	17.79	15.35	±	4.34	2787.10	2298.67	4496.12	17566.70	2681.84	1126.67
207	1	17.79	15.35	11	4.34	-25063.30	702.36	3511.46	-96.06	1726.19	-574.91
207	1	17.79	15.35	±	4.34	-1626.10	1999.22	-3206.15	-12541.50	2341.51	545.91
207	1	17.79	15.35	12	4.34	-25016.50	708.50	3526.05	-229.39	1725.77	-596.48
207	1	17.79	15.35	±	4.34	-1836.47	2195.79	-3565.08	-13973.50	2573.19	589.07
207	1	17.79	15.35	13	4.34	-25063.30	702.36	3511.46	-96.06	1726.19	-574.91
207	1	17.79	15.35	±	4.34	6984.94	760.31	12209.70	47678.40	875.72	1014.51
207	1	17.79	15.35	14	4.34	-25016.50	708.50	3526.05	-229.39	1725.77	-596.48
207	1	17.79	15.35	±	4.34	7848.54	845.63	13575.00	53105.90	969.34	1153.35
207	1	17.79	15.35	15	4.34	-25063.30	702.36	3511.46	-96.06	1726.19	-574.91
207	1	17.79	15.35	±	4.34	6726.57	-465.74	11958.30	46708.50	-557.80	546.47
207	1	17.79	15.35	16	4.34	-25016.50	708.50	3526.05	-229.39	1725.77	-596.48
207	1	17.79	15.35	±	4.34	7563.35	-502.71	13295.70	52028.00	-607.17	638.63
207	1	17.79	15.35	17	4.34	-38907.50	1080.48	5791.09	1105.28	2684.12	-612.19
207	1	17.79	15.35	18	4.34	-38853.50	646.37	5722.81	1363.74	2228.66	-440.45
207	1	17.79	15.35	19	4.34	-39682.30	866.34	4287.71	6960.82	2462.10	-539.01
207	1	17.79	15.35	20	4.34	-38078.80	860.51	7226.19	-4491.80	2450.68	-513.64
207	1	17.79	15.35	21	4.34	-28285.50	812.91	4190.18	607.04	1885.21	-449.53
207	1	17.79	15.35	22	4.34	-28231.50	378.80	4121.90	865.50	1429.75	-277.80
207	1	17.79	15.35	23	4.34	-29060.20	598.77	2686.81	6462.59	1663.19	-376.35
207	1	17.79	15.35	24	4.34	-27456.70	592.94	5625.28	-4990.04	1651.77	-350.98
207	1	17.79	15.35	25	4.34	-26126.30	847.17	3581.07	967.15	1940.93	-445.75
207	1	17.79	15.35	26	4.34	-26072.30	413.06	3512.78	1225.60	1485.47	-274.01
207	1	17.79	15.35	27	4.34	-26901.10	633.03	2077.69	6822.69	1718.91	-372.57
207	1	17.79	15.35	28	4.34	-25297.50	627.20	5016.16	-4629.94	1707.49	-347.20
207	1	17.79	15.35	29	4.34	-25559.80	857.83	3399.32	1111.34	1958.16	-444.58
207	1	17.79	15.35	30	4.34	-25505.80	423.72	3331.04	1369.79	1502.70	-272.85
207	1	17.79	15.35	31	4.34	-26334.50	643.69	1895.94	6966.88	1736.14	-371.40
207	1	17.79	15.35	32	4.34	-24731.00	637.86	4834.42	-4485.75	1724.72	-346.03
207	1	17.79	15.35	1	4.83	-26002.20	579.19	3218.90	2577.14	1734.67	-142.52
207	1	17.79	15.35	±	4.83	2487.35	2087.60	4044.25	15774.50	2436.88	1014.21
207	1	17.79	15.35	2	4.83	-26049.00	573.05	3204.31	2710.46	1735.09	-120.95
207	1	17.79	15.35	±	4.83	2787.10	2298.67	4496.12	17566.70	2681.84	1126.67
207	1	17.79	15.35	3	4.83	-26002.20	579.19	3218.90	2577.14	1734.67	-142.52
207	1	17.79	15.35	±	4.83	-1626.10	1999.22	-3206.15	-12541.50	2341.51	545.92
207	1	17.79	15.35	4	4.83	-26049.00	573.05	3204.31	2710.46	1735.09	-120.95
207	1	17.79	15.35	±	4.83	-1836.47	2195.79	-3565.08	-13973.50	2573.19	589.08
207	1	17.79	15.35	5	4.83	-26002.20	579.19	3218.90	2577.14	1734.67	-142.52
207	1	17.79	15.35	±	4.83	6984.94	760.31	12209.70	47678.40	875.72	1014.51
207	1	17.79	15.35	6	4.83	-26049.00	573.05	3204.31	2710.46	1735.09	-120.95
207	1	17.79	15.35	±	4.83	7848.54	845.63	13575.00	53105.90	969.34	1153.36
207	1	17.79	15.35	7	4.83	-26002.20	579.19	3218.90	2577.14	1734.67	-142.52
207	1	17.79	15.35	±	4.83	6726.57	-465.74	11958.30	46708.50	-557.80	546.47
207	1	17.79	15.35	8	4.83	-26049.00	573.05	3204.31	2710.46	1735.09	-120.95
207	1	17.79	15.35	±	4.83	7563.35	-502.71	13295.70	52027.90	-607.17	638.63
207	1	17.79	15.35	9	4.83	-25063.30	702.36	3511.46	-96.11	1726.19	-574.92
207	1	17.79	15.35	±	4.83	2487.35	2087.60	4044.25	15774.50	2436.88	1014.21
207	1	17.79	15.35	10	4.83	-25016.50	708.50	3526.05	-229.43	1725.77	-596.48
207	1	17.79	15.35	±	4.83	2787.10	2298.67	4496.12	17566.70	2681.84	1126.67
207	1	17.79	15.35	11	4.83	-25063.30	702.36	3511.46	-96.11	1726.19	-574.92
207	1	17.79	15.35	±	4.83	-1626.10	1999.22	-3206.15	-12541.50	2341.51	545.92
207	1	17.79	15.35	12	4.83	-25016.50	708.50	3526.05	-229.43	1725.77	-596.48
207	1	17.79	15.35	±	4.83	-1836.47	2195.79	-3565.08	-13973.50	2573.19	589.08
207	1	17.79	15.35	13	4.83	-25063.30	702.36	3511.46	-96.11	1726.19	-574.92
207	1	17.79	15.35	±	4.83	6984.94	760.31	12209.70	47678.40	875.72	1014.51
207	1	17.79	15.35	14	4.83	-25016.50	708.50	3526.05	-229.43	1725.77	-596.48
207	1	17.79	15.35	±	4.83	7848.54	845.63	13575.00	53105.90	969.34	1153.36
207	1	17.79	15.35	15	4.83	-25063.30	702.36	3511.46	-96.11	1726.19	-574.92
207	1	17.79	15.35	±	4.83	6726.57	-465.74	11958.30	46708.50	-557.80	546.47
207	1	17.79	15.35	16	4.83	-25016.50	708.50	3526.05	-229.43	1725.77	-596.48
207	1	17.79	15.35	±	4.83	7563.35	-502.71	13295.70	52027.90	-607.17	638.63
207	1	17.79	15.35	17	4.83	-38907.50	1080.48	5791.09	1105.21	2684.12	-612.19
207	1	17.79	15.35	18	4.83	-38853.50	646.37	5722.81	1363.66	2228.66	-440.46
207	1	17.79	15.35	19	4.83	-39682.30	866.34	4287.71	6960.75	2462.10	-539.01
207	1	17.79	15.35	20	4.83	-38078.80	860.51	7226.19	-4491.88	2450.68	-513.64
207	1	17.79	15.35	21	4.83	-28285.50	812.91	4190.18	606.99	1885.21	-449.53
207	1	17.79	15.35	22	4.83	-28231.50	378.80	4121.90	865.45	1429.75	-277.80
207	1	17.79	15.35	23	4.83	-29060.20	598.77	2686.81	6462.53	1663.19	-376.35
207	1	17.79	15.35	24	4.83	-27456.70	592.94	5625.28	-4990.09	1651.77	-350.98
207	1	17.79	15.35	25	4.83	-26126.30	847.17	3581.07	967.10	1940.93	-445.75
207	1	17.79	15.35	26	4.83	-26072.30	413.06	3512.78	1225.55	1485.47	-274.02
207	1	17.79	15.35	27	4.83	-26901.10	633.03	2077.69	6822.64	1718.91	-372.57

207	1	17.79	15.35	28	4.83	-25297.50	627.20	5016.16	-4629.99	1707.49	-347.20
207	1	17.79	15.35	29	4.83	-25559.80	857.83	3399.32	1111.29	1958.16	-444.58
207	1	17.79	15.35	30	4.83	-25505.80	423.72	3331.04	1369.74	1502.70	-272.85
207	1	17.79	15.35	31	4.83	-26334.50	643.69	1895.94	6966.83	1736.14	-371.40
207	1	17.79	15.35	32	4.83	-24731.00	637.86	4834.42	-4485.80	1724.72	-346.03
207	2	17.79	15.35	1	4.83	-22320.00	579.19	3219.23	2240.25	1449.21	-240.69
207	2	17.79	15.35	±	4.83	1344.95	2087.59	4043.78	13160.90	1444.95	1142.85
207	2	17.79	15.35	2	4.83	-22345.00	573.05	3204.64	2348.62	1452.66	-218.43
207	2	17.79	15.35	±	4.83	1506.46	2298.67	4495.60	14654.70	1592.63	1268.56
207	2	17.79	15.35	3	4.83	-22320.00	579.19	3219.23	2240.25	1449.21	-240.69
207	2	17.79	15.35	±	4.83	-706.27	1999.22	-3205.77	-10462.90	1319.26	662.20
207	2	17.79	15.35	4	4.83	-22345.00	573.05	3204.64	2348.62	1452.66	-218.43
207	2	17.79	15.35	±	4.83	-802.88	2195.79	-3564.67	-11656.20	1447.32	716.54
207	2	17.79	15.35	5	4.83	-22320.00	579.19	3219.23	2240.25	1449.21	-240.69
207	2	17.79	15.35	±	4.83	3514.50	760.31	12208.30	39777.60	624.12	1071.84
207	2	17.79	15.35	6	4.83	-22345.00	573.05	3204.64	2348.62	1452.66	-218.43
207	2	17.79	15.35	±	4.83	3954.44	845.63	13573.40	44301.20	698.18	1217.80
207	2	17.79	15.35	7	4.83	-22320.00	579.19	3219.23	2240.25	1449.21	-240.69
207	2	17.79	15.35	±	4.83	3322.90	-465.74	11956.90	38968.20	-205.15	530.33
207	2	17.79	15.35	8	4.83	-22345.00	573.05	3204.64	2348.62	1452.66	-218.43
207	2	17.79	15.35	±	4.83	3743.36	-502.71	13294.10	43401.60	-213.81	622.27
207	2	17.79	15.35	9	4.83	-21818.30	702.36	3511.67	67.31	1380.03	-686.99
207	2	17.79	15.35	±	4.83	1344.95	2087.59	4043.78	13160.90	1444.95	1142.85
207	2	17.79	15.35	10	4.83	-21793.30	708.50	3526.26	-41.07	1376.58	-709.25
207	2	17.79	15.35	±	4.83	1506.46	2298.67	4495.60	14654.70	1592.63	1268.56
207	2	17.79	15.35	11	4.83	-21818.30	702.36	3511.67	67.31	1380.03	-686.99
207	2	17.79	15.35	±	4.83	-706.27	1999.22	-3205.77	-10462.90	1319.26	662.20
207	2	17.79	15.35	12	4.83	-21793.30	708.50	3526.26	-41.07	1376.58	-709.25
207	2	17.79	15.35	±	4.83	-802.88	2195.79	-3564.67	-11656.20	1447.32	716.54
207	2	17.79	15.35	13	4.83	-21818.30	702.36	3511.67	67.31	1380.03	-686.99
207	2	17.79	15.35	±	4.83	3514.50	760.31	12208.30	39777.60	624.12	1071.84
207	2	17.79	15.35	14	4.83	-21793.30	708.50	3526.26	-41.07	1376.58	-709.25
207	2	17.79	15.35	±	4.83	3954.44	845.63	13573.40	44301.20	698.18	1217.80
207	2	17.79	15.35	15	4.83	-21818.30	702.36	3511.67	67.31	1380.03	-686.99
207	2	17.79	15.35	±	4.83	3322.90	-465.74	11956.90	38968.20	-205.15	530.33
207	2	17.79	15.35	16	4.83	-21793.30	708.50	3526.26	-41.07	1376.58	-709.25
207	2	17.79	15.35	±	4.83	3743.36	-502.71	13294.10	43401.60	-213.81	622.27
207	2	17.79	15.35	17	4.83	-33551.50	1080.48	5791.55	975.56	2151.60	-779.76
207	2	17.79	15.35	18	4.83	-33497.70	646.37	5723.27	1200.23	1910.10	-579.51
207	2	17.79	15.35	19	4.83	-33921.20	866.34	4288.34	5866.33	2035.12	-692.44
207	2	17.79	15.35	20	4.83	-33128.10	860.51	7226.48	-3690.54	2026.58	-666.84
207	2	17.79	15.35	21	4.83	-24483.80	812.91	4190.49	543.10	1484.56	-566.97
207	2	17.79	15.35	22	4.83	-24429.90	378.80	4122.21	767.78	1243.06	-366.72
207	2	17.79	15.35	23	4.83	-24853.40	598.77	2687.28	5433.88	1368.08	-479.65
207	2	17.79	15.35	24	4.83	-24060.30	592.94	5625.42	-4122.99	1359.54	-454.05
207	2	17.79	15.35	25	4.83	-22579.40	847.17	3581.35	893.31	1523.40	-564.66
207	2	17.79	15.35	26	4.83	-22525.50	413.06	3513.07	1117.98	1281.90	-364.41
207	2	17.79	15.35	27	4.83	-22949.00	633.03	2078.14	5784.08	1406.92	-477.34
207	2	17.79	15.35	28	4.83	-22155.90	627.20	5016.28	-3772.79	1398.37	-451.74
207	2	17.79	15.35	29	4.83	-22096.10	857.83	3399.59	1041.44	1535.37	-563.96
207	2	17.79	15.35	30	4.83	-22042.30	423.72	3331.31	1266.11	1293.87	-363.71
207	2	17.79	15.35	31	4.83	-22465.70	643.69	1896.38	5932.21	1418.89	-476.64
207	2	17.79	15.35	32	4.83	-21672.60	637.86	4834.52	-3624.66	1410.35	-451.04
207	2	17.79	15.35	1	5.33	-22320.00	579.19	3219.23	2240.21	1449.21	-240.69
207	2	17.79	15.35	±	5.33	1344.95	2087.59	4043.78	13160.90	1444.95	1142.85
207	2	17.79	15.35	2	5.33	-22345.00	573.05	3204.64	2348.58	1452.66	-218.43
207	2	17.79	15.35	±	5.33	1506.46	2298.67	4495.60	14654.70	1592.63	1268.57
207	2	17.79	15.35	3	5.33	-22320.00	579.19	3219.23	2240.21	1449.21	-240.69
207	2	17.79	15.35	±	5.33	-706.27	1999.22	-3205.77	-10462.90	1319.26	662.20
207	2	17.79	15.35	4	5.33	-22345.00	573.05	3204.64	2348.58	1452.66	-218.43
207	2	17.79	15.35	±	5.33	-802.88	2195.79	-3564.67	-11656.20	1447.32	716.54
207	2	17.79	15.35	5	5.33	-22320.00	579.19	3219.23	2240.21	1449.21	-240.69
207	2	17.79	15.35	±	5.33	3514.50	760.31	12208.30	39777.60	624.12	1071.84
207	2	17.79	15.35	6	5.33	-22345.00	573.05	3204.64	2348.58	1452.66	-218.43
207	2	17.79	15.35	±	5.33	3954.44	845.63	13573.40	44301.20	698.18	1217.80
207	2	17.79	15.35	7	5.33	-22320.00	579.19	3219.23	2240.21	1449.21	-240.69
207	2	17.79	15.35	±	5.33	3322.90	-465.74	11956.90	38968.20	-205.15	530.33
207	2	17.79	15.35	8	5.33	-22345.00	573.05	3204.64	2348.58	1452.66	-218.43
207	2	17.79	15.35	±	5.33	3743.36	-502.71	13294.10	43401.60	-213.81	622.27
207	2	17.79	15.35	9	5.33	-21818.30	702.36	3511.67	67.26	1380.03	-686.99
207	2	17.79	15.35	±	5.33	1344.95	2087.59	4043.78	13160.90	1444.95	1142.85
207	2	17.79	15.35	10	5.33	-21793.30	708.50	3526.26	-41.11	1376.58	-709.25
207	2	17.79	15.35	±	5.33	1506.46	2298.67	4495.60	14654.70	1592.63	1268.57
207	2	17.79	15.35	11	5.33	-21818.30	702.36	3511.67	67.26	1380.03	-686.99
207	2	17.79	15.35	±	5.33	-706.27	1999.22	-3205.77	-10462.90	1319.26	662.20
207	2	17.79	15.35	12	5.33	-21793.30	708.50	3526.26	-41.11	1376.58	-709.25
207	2	17.79	15.35	±	5.33	-802.88	2195.79	-3564.67	-11656.20	1447.32	716.54
207	2	17.79	15.35	13	5.33	-21818.30	702.36	3511.67	67.26	1380.03	-686.99
207	2	17.79	15.35	±	5.33	3514.50	760.31	12208.30	39777.60	624.12	1071.84
207	2	17.79	15.35	14	5.33	-21793.30	708.50	3526.26	-41.11	1376.58	-709.25
207	2	17.79	15.35	±	5.33	3954.44	845.63	13573.40	44301.20	698.18	1217.80
207	2	17.79	15.35	15	5.33	-21818.30	702.36	3511.67	67.26	1380.03	-686.99

207	2	17.79	15.35	±	5.33	3322.90	-465.74	11956.90	38968.20	-205.15	530.33
207	2	17.79	15.35	16	5.33	-21793.30	708.50	3526.26	-41.11	1376.58	-709.25
207	2	17.79	15.35	±	5.33	3743.36	-502.71	13294.10	43401.60	-213.81	622.27
207	2	17.79	15.35	17	5.33	-33551.50	1080.48	5791.55	975.50	2151.60	-779.76
207	2	17.79	15.35	18	5.33	-33497.70	646.37	5723.27	1200.17	1910.10	-579.51
207	2	17.79	15.35	19	5.33	-33921.20	866.34	4288.34	5866.27	2035.12	-692.44
207	2	17.79	15.35	20	5.33	-33128.10	860.51	7226.48	-3690.60	2026.58	-666.84
207	2	17.79	15.35	21	5.33	-24483.80	812.91	4190.49	543.06	1484.56	-566.97
207	2	17.79	15.35	22	5.33	-24429.90	378.80	4122.21	767.73	1243.06	-366.72
207	2	17.79	15.35	23	5.33	-24853.40	598.77	2687.28	5433.83	1368.08	-479.65
207	2	17.79	15.35	24	5.33	-24060.30	592.94	5625.42	-4123.04	1359.54	-454.05
207	2	17.79	15.35	25	5.33	-22579.40	847.17	3581.35	893.27	1523.40	-564.66
207	2	17.79	15.35	26	5.33	-22525.50	413.06	3513.07	1117.94	1281.90	-364.41
207	2	17.79	15.35	27	5.33	-22949.00	633.03	2078.14	5784.04	1406.92	-477.34
207	2	17.79	15.35	28	5.33	-22155.90	627.20	5016.28	-3772.83	1398.37	-451.74
207	2	17.79	15.35	29	5.33	-22096.10	857.83	3399.59	1041.40	1535.37	-563.97
207	2	17.79	15.35	30	5.33	-22042.30	423.72	3331.31	1266.07	1293.87	-363.71
207	2	17.79	15.35	31	5.33	-22465.70	643.69	1896.38	5932.17	1418.89	-476.64
207	2	17.79	15.35	32	5.33	-21672.60	637.86	4834.52	-3624.70	1410.35	-451.04
207	3	17.79	15.35	1	5.33	-21376.00	579.19	3219.61	3591.20	1163.75	-232.63
207	3	17.79	15.35	±	5.33	1224.26	2087.60	4043.38	11273.10	456.15	1133.31
207	3	17.79	15.35	2	5.33	-21398.60	573.05	3205.03	3691.67	1170.23	-210.42
207	3	17.79	15.35	±	5.33	1371.11	2298.67	4495.16	12556.40	506.79	1258.04
207	3	17.79	15.35	3	5.33	-21376.00	579.19	3219.61	3591.20	1163.75	-232.63
207	3	17.79	15.35	±	5.33	-605.02	1999.22	-3205.46	-8965.65	293.99	653.63
207	3	17.79	15.35	4	5.33	-21398.60	573.05	3205.03	3691.67	1170.23	-210.42
207	3	17.79	15.35	±	5.33	-689.12	2195.79	-3564.32	-9991.72	318.20	707.15
207	3	17.79	15.35	5	5.33	-21376.00	579.19	3219.61	3591.20	1163.75	-232.63
207	3	17.79	15.35	±	5.33	3141.68	760.31	12207.10	34077.30	382.78	1067.51
207	3	17.79	15.35	6	5.33	-21398.60	573.05	3205.03	3691.67	1170.23	-210.42
207	3	17.79	15.35	±	5.33	3536.02	845.63	13572.10	37964.90	438.07	1212.93
207	3	17.79	15.35	7	5.33	-21376.00	579.19	3219.61	3591.20	1163.75	-232.63
207	3	17.79	15.35	±	5.33	2955.91	-465.74	11955.70	33385.10	157.74	531.42
207	3	17.79	15.35	8	5.33	-21398.60	573.05	3205.03	3691.67	1170.23	-210.42
207	3	17.79	15.35	±	5.33	3331.42	-502.71	13292.80	37195.50	190.57	623.37
207	3	17.79	15.35	9	5.33	-20922.10	702.36	3511.95	1576.65	1033.87	-677.85
207	3	17.79	15.35	±	5.33	1224.26	2087.60	4043.38	11273.10	456.15	1133.31
207	3	17.79	15.35	10	5.33	-20899.50	708.50	3526.53	1476.17	1027.39	-700.05
207	3	17.79	15.35	±	5.33	1371.11	2298.67	4495.16	12556.40	506.79	1258.04
207	3	17.79	15.35	11	5.33	-20922.10	702.36	3511.95	1576.65	1033.87	-677.85
207	3	17.79	15.35	±	5.33	-605.02	1999.22	-3205.46	-8965.65	293.99	653.63
207	3	17.79	15.35	12	5.33	-20899.50	708.50	3526.53	1476.17	1027.39	-700.05
207	3	17.79	15.35	±	5.33	-689.12	2195.79	-3564.32	-9991.72	318.20	707.15
207	3	17.79	15.35	13	5.33	-20922.10	702.36	3511.95	1576.65	1033.87	-677.85
207	3	17.79	15.35	±	5.33	3141.68	760.31	12207.10	34077.30	382.78	1067.51
207	3	17.79	15.35	14	5.33	-20899.50	708.50	3526.53	1476.17	1027.39	-700.05
207	3	17.79	15.35	±	5.33	3536.02	845.63	13572.10	37964.90	438.07	1212.93
207	3	17.79	15.35	15	5.33	-20922.10	702.36	3511.95	1576.65	1033.87	-677.85
207	3	17.79	15.35	±	5.33	2955.91	-465.74	11955.70	33385.10	157.74	531.42
207	3	17.79	15.35	16	5.33	-20899.50	708.50	3526.53	1476.17	1027.39	-700.05
207	3	17.79	15.35	±	5.33	3331.42	-502.71	13292.80	37195.50	190.57	623.37
207	3	17.79	15.35	17	5.33	-32291.40	1080.48	5792.12	3445.29	1619.08	-766.14
207	3	17.79	15.35	18	5.33	-32237.30	646.37	5723.85	3638.89	1591.53	-567.99
207	3	17.79	15.35	19	5.33	-32617.30	866.34	4289.06	7632.86	1608.15	-679.85
207	3	17.79	15.35	20	5.33	-31911.40	860.51	7226.91	-548.67	1602.47	-654.27
207	3	17.79	15.35	21	5.33	-23534.50	812.91	4190.88	2333.98	1083.91	-557.45
207	3	17.79	15.35	22	5.33	-23480.40	378.80	4122.61	2527.58	1056.36	-359.30
207	3	17.79	15.35	23	5.33	-23860.40	598.77	2687.82	6521.55	1072.98	-471.17
207	3	17.79	15.35	24	5.33	-23154.50	592.94	5625.67	-1659.98	1067.30	-445.59
207	3	17.79	15.35	25	5.33	-21652.30	847.17	3581.69	2418.02	1105.87	-555.04
207	3	17.79	15.35	26	5.33	-21598.20	413.06	3513.42	2611.62	1078.32	-356.89
207	3	17.79	15.35	27	5.33	-21978.20	633.03	2078.63	6605.58	1094.93	-468.75
207	3	17.79	15.35	28	5.33	-21272.30	627.20	5016.48	-1575.94	1089.25	-443.18
207	3	17.79	15.35	29	5.33	-21176.10	857.83	3399.92	2487.12	1112.59	-554.31
207	3	17.79	15.35	30	5.33	-21122.00	423.72	3331.64	2680.72	1085.04	-356.16
207	3	17.79	15.35	31	5.33	-21502.00	643.69	1896.86	6674.68	1101.65	-468.02
207	3	17.79	15.35	32	5.33	-20796.10	637.86	4834.70	-1506.84	1095.97	-442.45
207	3	17.79	15.35	1	5.82	-21376.00	579.19	3219.61	3591.16	1163.75	-232.63
207	3	17.79	15.35	±	5.82	1224.26	2087.60	4043.38	11273.10	456.15	1133.32
207	3	17.79	15.35	2	5.82	-21398.60	573.05	3205.03	3691.63	1170.23	-210.42
207	3	17.79	15.35	±	5.82	1371.11	2298.67	4495.16	12556.40	506.79	1258.04
207	3	17.79	15.35	3	5.82	-21376.00	579.19	3219.61	3591.16	1163.75	-232.63
207	3	17.79	15.35	±	5.82	-605.02	1999.22	-3205.46	-8965.65	293.99	653.64
207	3	17.79	15.35	4	5.82	-21398.60	573.05	3205.03	3691.63	1170.23	-210.42
207	3	17.79	15.35	±	5.82	-689.12	2195.79	-3564.32	-9991.72	318.20	707.15
207	3	17.79	15.35	5	5.82	-21376.00	579.19	3219.61	3591.16	1163.75	-232.63
207	3	17.79	15.35	±	5.82	3141.68	760.31	12207.10	34077.30	382.78	1067.51
207	3	17.79	15.35	6	5.82	-21398.60	573.05	3205.03	3691.63	1170.23	-210.42
207	3	17.79	15.35	±	5.82	3536.02	845.63	13572.10	37964.90	438.07	1212.93
207	3	17.79	15.35	7	5.82	-21376.00	579.19	3219.61	3591.16	1163.75	-232.63
207	3	17.79	15.35	±	5.82	2955.91	-465.74	11955.70	33385.10	157.74	531.42
207	3	17.79	15.35	8	5.82	-21398.60	573.05	3205.03	3691.63	1170.23	-210.42

207	3	17.79	15.35	±	5.82	3331.42	-502.71	13292.80	37195.50	190.57	623.37
207	3	17.79	15.35	9	5.82	-20922.10	702.36	3511.95	1576.61	1033.87	-677.85
207	3	17.79	15.35	±	5.82	1224.26	2087.60	4043.38	11273.10	456.15	1133.32
207	3	17.79	15.35	10	5.82	-20899.50	708.50	3526.53	1476.13	1027.39	-700.05
207	3	17.79	15.35	±	5.82	1371.11	2298.67	4495.16	12556.40	506.79	1258.04
207	3	17.79	15.35	11	5.82	-20922.10	702.36	3511.95	1576.61	1033.87	-677.85
207	3	17.79	15.35	±	5.82	-605.02	1999.22	-3205.46	-8965.65	293.99	653.64
207	3	17.79	15.35	12	5.82	-20899.50	708.50	3526.53	1476.13	1027.39	-700.05
207	3	17.79	15.35	±	5.82	-689.12	2195.79	-3564.32	-9991.72	318.20	707.15
207	3	17.79	15.35	13	5.82	-20922.10	702.36	3511.95	1576.61	1033.87	-677.85
207	3	17.79	15.35	±	5.82	3141.68	760.31	12207.10	34077.30	382.78	1067.51
207	3	17.79	15.35	14	5.82	-20899.50	708.50	3526.53	1476.13	1027.39	-700.05
207	3	17.79	15.35	±	5.82	3536.02	845.63	13572.10	37964.90	438.07	1212.93
207	3	17.79	15.35	15	5.82	-20922.10	702.36	3511.95	1576.61	1033.87	-677.85
207	3	17.79	15.35	±	5.82	2955.91	-465.74	11955.70	33385.10	157.74	531.42
207	3	17.79	15.35	16	5.82	-20899.50	708.50	3526.53	1476.13	1027.39	-700.05
207	3	17.79	15.35	±	5.82	3331.42	-502.71	13292.80	37195.50	190.57	623.37
207	3	17.79	15.35	17	5.82	-32291.40	1080.48	5792.12	3445.23	1619.08	-766.14
207	3	17.79	15.35	18	5.82	-32237.30	646.37	5723.85	3638.83	1591.53	-567.99
207	3	17.79	15.35	19	5.82	-32617.30	866.34	4289.06	7632.79	1608.15	-679.85
207	3	17.79	15.35	20	5.82	-31911.40	860.51	7226.91	-548.73	1602.47	-654.28
207	3	17.79	15.35	21	5.82	-23534.50	812.91	4190.88	2333.94	1083.91	-557.46
207	3	17.79	15.35	22	5.82	-23480.40	378.80	4122.61	2527.54	1056.36	-359.31
207	3	17.79	15.35	23	5.82	-23860.40	598.77	2687.82	6521.50	1072.98	-471.17
207	3	17.79	15.35	24	5.82	-23154.50	592.94	5625.67	-1660.02	1067.30	-445.59
207	3	17.79	15.35	25	5.82	-21652.30	847.17	3581.69	2417.98	1105.87	-555.04
207	3	17.79	15.35	26	5.82	-21598.20	413.06	3513.42	2611.58	1078.32	-356.89
207	3	17.79	15.35	27	5.82	-21978.20	633.03	2078.63	6605.54	1094.93	-468.75
207	3	17.79	15.35	28	5.82	-21272.30	627.20	5016.48	-1575.98	1089.25	-443.18
207	3	17.79	15.35	29	5.82	-21176.10	857.83	3399.92	2487.08	1112.59	-554.31
207	3	17.79	15.35	30	5.82	-21122.00	423.72	3331.64	2680.68	1085.04	-356.16
207	3	17.79	15.35	31	5.82	-21502.00	643.69	1896.86	6674.64	1101.65	-468.02
207	3	17.79	15.35	32	5.82	-20796.10	637.86	4834.70	-1506.88	1095.97	-442.45
207	4	17.79	15.35	1	5.82	-20727.10	579.19	3219.93	5073.63	878.29	-230.19
207	4	17.79	15.35	±	5.82	1232.53	2087.60	4043.10	9416.88	732.93	1130.30
207	4	17.79	15.35	2	5.82	-20749.90	573.05	3205.35	5167.38	887.79	-208.00
207	4	17.79	15.35	±	5.82	1380.33	2298.67	4494.83	10494.20	812.69	1254.72
207	4	17.79	15.35	3	5.82	-20727.10	579.19	3219.93	5073.63	878.29	-230.19
207	4	17.79	15.35	±	5.82	-609.97	1999.22	-3205.23	-7493.92	531.47	650.91
207	4	17.79	15.35	4	5.82	-20749.90	573.05	3205.35	5167.38	887.79	-208.00
207	4	17.79	15.35	±	5.82	-694.68	2195.79	-3564.06	-8356.49	577.83	704.17
207	4	17.79	15.35	5	5.82	-20727.10	579.19	3219.93	5073.63	878.29	-230.19
207	4	17.79	15.35	±	5.82	3164.21	760.31	12206.20	28473.10	525.42	1066.16
207	4	17.79	15.35	6	5.82	-20749.90	573.05	3205.35	5167.38	887.79	-208.00
207	4	17.79	15.35	±	5.82	3561.20	845.63	13571.10	31738.50	600.01	1211.42
207	4	17.79	15.35	7	5.82	-20727.10	579.19	3219.93	5073.63	878.29	-230.19
207	4	17.79	15.35	±	5.82	2977.44	-465.74	11954.90	27896.20	146.10	531.80
207	4	17.79	15.35	8	5.82	-20749.90	573.05	3205.35	5167.38	887.79	-208.00
207	4	17.79	15.35	±	5.82	3355.51	-502.71	13291.90	31097.20	182.86	623.75
207	4	17.79	15.35	9	5.82	-20271.00	702.36	3512.19	3193.90	687.71	-675.07
207	4	17.79	15.35	±	5.82	1232.53	2087.60	4043.10	9416.88	732.93	1130.30
207	4	17.79	15.35	10	5.82	-20248.20	708.50	3526.76	3100.16	678.20	-697.26
207	4	17.79	15.35	±	5.82	1380.33	2298.67	4494.83	10494.20	812.69	1254.72
207	4	17.79	15.35	11	5.82	-20271.00	702.36	3512.19	3193.90	687.71	-675.07
207	4	17.79	15.35	±	5.82	-609.97	1999.22	-3205.23	-7493.92	531.47	650.91
207	4	17.79	15.35	12	5.82	-20248.20	708.50	3526.76	3100.16	678.20	-697.26
207	4	17.79	15.35	±	5.82	-694.68	2195.79	-3564.06	-8356.49	577.83	704.17
207	4	17.79	15.35	13	5.82	-20271.00	702.36	3512.19	3193.90	687.71	-675.07
207	4	17.79	15.35	±	5.82	3164.21	760.31	12206.20	28473.10	525.42	1066.16
207	4	17.79	15.35	14	5.82	-20248.20	708.50	3526.76	3100.16	678.20	-697.26
207	4	17.79	15.35	±	5.82	3561.20	845.63	13571.10	31738.50	600.01	1211.42
207	4	17.79	15.35	15	5.82	-20271.00	702.36	3512.19	3193.90	687.71	-675.07
207	4	17.79	15.35	±	5.82	2977.44	-465.74	11954.90	27896.20	146.10	531.80
207	4	17.79	15.35	16	5.82	-20248.20	708.50	3526.76	3100.16	678.20	-697.26
207	4	17.79	15.35	±	5.82	3355.51	-502.71	13291.90	31097.20	182.86	623.75
207	4	17.79	15.35	17	5.82	-31469.30	1080.48	5792.62	6114.44	1086.56	-762.00
207	4	17.79	15.35	18	5.82	-31414.90	646.37	5724.35	6276.56	1272.96	-564.51
207	4	17.79	15.35	19	5.82	-31797.70	866.34	4289.66	9609.01	1181.16	-676.04
207	4	17.79	15.35	20	5.82	-31086.50	860.51	7227.30	2781.99	1178.36	-650.48
207	4	17.79	15.35	21	5.82	-22891.60	812.91	4191.21	4265.30	683.26	-554.56
207	4	17.79	15.35	22	5.82	-22837.20	378.80	4122.94	4427.41	869.67	-357.07
207	4	17.79	15.35	23	5.82	-23220.00	598.77	2688.26	7759.86	777.87	-468.60
207	4	17.79	15.35	24	5.82	-22508.80	592.94	5625.90	932.84	775.06	-443.03
207	4	17.79	15.35	25	5.82	-21004.20	847.17	3581.99	4067.76	688.33	-552.12
207	4	17.79	15.35	26	5.82	-20949.80	413.06	3513.72	4229.87	874.74	-354.63
207	4	17.79	15.35	27	5.82	-21332.60	633.03	2079.03	7562.33	782.94	-466.15
207	4	17.79	15.35	28	5.82	-20621.40	627.20	5016.67	735.31	780.13	-440.59
207	4	17.79	15.35	29	5.82	-20526.30	857.83	3400.19	4052.71	689.80	-551.38
207	4	17.79	15.35	30	5.82	-20471.90	423.72	3331.92	4214.82	876.20	-353.89
207	4	17.79	15.35	31	5.82	-20854.70	643.69	1897.24	7547.28	784.40	-465.41
207	4	17.79	15.35	32	5.82	-20143.50	637.86	4834.88	720.26	781.60	-439.85
207	4	17.79	15.35	1	6.31	-20727.10	579.19	3219.93	5073.59	878.29	-230.19

207	4	17.79	15.35	±	6.31	1232.53	2087.60	4043.10	9416.88	732.93	1130.30
207	4	17.79	15.35	2	6.31	-20749.90	573.05	3205.35	5167.34	887.79	-208.00
207	4	17.79	15.35	±	6.31	1380.33	2298.67	4494.83	10494.20	812.69	1254.72
207	4	17.79	15.35	3	6.31	-20727.10	579.19	3219.93	5073.59	878.29	-230.19
207	4	17.79	15.35	±	6.31	-609.97	1999.22	-3205.23	-7493.91	531.47	650.92
207	4	17.79	15.35	4	6.31	-20749.90	573.05	3205.35	5167.34	887.79	-208.00
207	4	17.79	15.35	±	6.31	-694.68	2195.79	-3564.06	-8356.49	577.83	704.17
207	4	17.79	15.35	5	6.31	-20727.10	579.19	3219.93	5073.59	878.29	-230.19
207	4	17.79	15.35	±	6.31	3164.21	760.31	12206.20	28473.10	525.42	1066.16
207	4	17.79	15.35	6	6.31	-20749.90	573.05	3205.35	5167.34	887.79	-208.00
207	4	17.79	15.35	±	6.31	3561.20	845.63	13571.10	31738.50	600.01	1211.42
207	4	17.79	15.35	7	6.31	-20727.10	579.19	3219.93	5073.59	878.29	-230.19
207	4	17.79	15.35	±	6.31	2977.44	-465.74	11954.90	27896.20	146.10	531.80
207	4	17.79	15.35	8	6.31	-20749.90	573.05	3205.35	5167.34	887.79	-208.00
207	4	17.79	15.35	±	6.31	3355.51	-502.71	13291.90	31097.20	182.86	623.75
207	4	17.79	15.35	9	6.31	-20271.00	702.36	3512.19	3193.87	687.71	-675.08
207	4	17.79	15.35	±	6.31	1232.53	2087.60	4043.10	9416.88	732.93	1130.30
207	4	17.79	15.35	10	6.31	-20248.20	708.50	3526.76	3100.12	678.20	-697.26
207	4	17.79	15.35	±	6.31	1380.33	2298.67	4494.83	10494.20	812.69	1254.72
207	4	17.79	15.35	11	6.31	-20271.00	702.36	3512.19	3193.87	687.71	-675.08
207	4	17.79	15.35	±	6.31	-609.97	1999.22	-3205.23	-7493.91	531.47	650.92
207	4	17.79	15.35	12	6.31	-20248.20	708.50	3526.76	3100.12	678.20	-697.26
207	4	17.79	15.35	±	6.31	-694.68	2195.79	-3564.06	-8356.49	577.83	704.17
207	4	17.79	15.35	13	6.31	-20271.00	702.36	3512.19	3193.87	687.71	-675.08
207	4	17.79	15.35	±	6.31	3164.21	760.31	12206.20	28473.10	525.42	1066.16
207	4	17.79	15.35	14	6.31	-20248.20	708.50	3526.76	3100.12	678.20	-697.26
207	4	17.79	15.35	±	6.31	3561.20	845.63	13571.10	31738.50	600.01	1211.42
207	4	17.79	15.35	15	6.31	-20271.00	702.36	3512.19	3193.87	687.71	-675.08
207	4	17.79	15.35	±	6.31	2977.44	-465.74	11954.90	27896.20	146.10	531.80
207	4	17.79	15.35	16	6.31	-20248.20	708.50	3526.76	3100.12	678.20	-697.26
207	4	17.79	15.35	±	6.31	3355.51	-502.71	13291.90	31097.20	182.86	623.75
207	4	17.79	15.35	17	6.31	-31469.30	1080.48	5792.62	6114.39	1086.56	-762.01
207	4	17.79	15.35	18	6.31	-31414.90	646.37	5724.35	6276.50	1272.96	-564.52
207	4	17.79	15.35	19	6.31	-31797.70	866.34	4289.66	9608.95	1181.16	-676.04
207	4	17.79	15.35	20	6.31	-31086.50	860.51	7227.30	2781.93	1178.36	-650.48
207	4	17.79	15.35	21	6.31	-22891.60	812.91	4191.21	4265.25	683.26	-554.56
207	4	17.79	15.35	22	6.31	-22837.20	378.80	4122.94	4427.37	869.67	-357.07
207	4	17.79	15.35	23	6.31	-23220.00	598.77	2688.26	7759.82	777.87	-468.60
207	4	17.79	15.35	24	6.31	-22508.80	592.94	5625.90	932.80	775.06	-443.04
207	4	17.79	15.35	25	6.31	-21004.20	847.17	3581.99	4067.72	688.33	-552.12
207	4	17.79	15.35	26	6.31	-20949.80	413.06	3513.72	4229.83	874.74	-354.63
207	4	17.79	15.35	27	6.31	-21332.60	633.03	2079.03	7562.29	782.94	-466.15
207	4	17.79	15.35	28	6.31	-20621.40	627.20	5016.67	735.27	780.13	-440.59
207	4	17.79	15.35	29	6.31	-20526.30	857.83	3400.19	4052.67	689.80	-551.38
207	4	17.79	15.35	30	6.31	-20471.90	423.72	3331.92	4214.79	876.20	-353.89
207	4	17.79	15.35	31	6.31	-20854.70	643.69	1897.24	7547.24	784.40	-465.42
207	4	17.79	15.35	32	6.31	-20143.50	637.86	4834.88	720.22	781.60	-439.85
207	5	17.79	15.35	1	6.31	-20080.20	579.19	3220.17	6566.63	592.83	-230.33
207	5	17.79	15.35	±	6.31	1244.29	2087.60	4042.91	7563.98	1760.39	1134.63
207	5	17.79	15.35	2	6.31	-20103.20	573.05	3205.60	6653.71	605.36	-208.12
207	5	17.79	15.35	±	6.31	1393.57	2298.67	4494.63	8436.31	1944.11	1259.50
207	5	17.79	15.35	3	6.31	-20080.20	579.19	3220.17	6566.63	592.83	-230.33
207	5	17.79	15.35	±	6.31	-616.62	1999.22	-3205.08	-6024.70	1518.17	654.86
207	5	17.79	15.35	4	6.31	-20103.20	573.05	3205.60	6653.71	605.36	-208.12
207	5	17.79	15.35	±	6.31	-702.28	2195.79	-3563.89	-6724.69	1661.46	708.50
207	5	17.79	15.35	5	6.31	-20080.20	579.19	3220.17	6566.63	592.83	-230.33
207	5	17.79	15.35	±	6.31	3195.66	760.31	12205.70	22878.70	895.48	1068.04
207	5	17.79	15.35	6	6.31	-20103.20	573.05	3205.60	6653.71	605.36	-208.12
207	5	17.79	15.35	±	6.31	3596.79	845.63	13570.50	25525.10	1011.93	1213.54
207	5	17.79	15.35	7	6.31	-20080.20	579.19	3220.17	6566.63	592.83	-230.33
207	5	17.79	15.35	±	6.31	3007.36	-465.74	11954.30	22416.90	-88.09	531.20
207	5	17.79	15.35	8	6.31	-20103.20	573.05	3205.60	6653.71	605.36	-208.12
207	5	17.79	15.35	±	6.31	3389.40	-502.71	13291.30	25011.60	-69.74	623.14
207	5	17.79	15.35	9	6.31	-19618.40	702.36	3512.39	4820.71	341.54	-675.68
207	5	17.79	15.35	±	6.31	1244.29	2087.60	4042.91	7563.98	1760.39	1134.63
207	5	17.79	15.35	10	6.31	-19595.40	708.50	3526.96	4733.64	329.01	-697.89
207	5	17.79	15.35	±	6.31	1393.57	2298.67	4494.63	8436.31	1944.11	1259.50
207	5	17.79	15.35	11	6.31	-19618.40	702.36	3512.39	4820.71	341.54	-675.68
207	5	17.79	15.35	±	6.31	-616.62	1999.22	-3205.08	-6024.70	1518.17	654.86
207	5	17.79	15.35	12	6.31	-19595.40	708.50	3526.96	4733.64	329.01	-697.89
207	5	17.79	15.35	±	6.31	-702.28	2195.79	-3563.89	-6724.69	1661.46	708.50
207	5	17.79	15.35	13	6.31	-19618.40	702.36	3512.39	4820.71	341.54	-675.68
207	5	17.79	15.35	±	6.31	3195.66	760.31	12205.70	22878.70	895.48	1068.04
207	5	17.79	15.35	14	6.31	-19595.40	708.50	3526.96	4733.64	329.01	-697.89
207	5	17.79	15.35	±	6.31	3596.79	845.63	13570.50	25525.10	1011.93	1213.54
207	5	17.79	15.35	15	6.31	-19618.40	702.36	3512.39	4820.71	341.54	-675.68
207	5	17.79	15.35	±	6.31	3007.36	-465.74	11954.30	22416.90	-88.09	531.20
207	5	17.79	15.35	16	6.31	-19595.40	708.50	3526.96	4733.64	329.01	-697.89
207	5	17.79	15.35	±	6.31	3389.40	-502.71	13291.30	25011.60	-69.74	623.14
207	5	17.79	15.35	17	6.31	-30645.20	1080.48	5793.02	8796.54	554.04	-762.89
207	5	17.79	15.35	18	6.31	-30590.30	646.37	5724.76	8927.14	954.40	-564.46
207	5	17.79	15.35	19	6.31	-30976.80	866.34	4290.14	11597.80	754.18	-676.46

207	5	17.79	15.35	20	6.31	-30258.70	860.51	7227.64	6125.86	754.25	-650.89
207	5	17.79	15.35	21	6.31	-22251.50	812.91	4191.48	6205.75	282.61	-555.33
207	5	17.79	15.35	22	6.31	-22196.70	378.80	4123.22	6336.35	682.97	-356.90
207	5	17.79	15.35	23	6.31	-22583.10	598.77	2688.60	9007.03	482.75	-468.90
207	5	17.79	15.35	24	6.31	-21865.00	592.94	5626.10	3535.06	482.82	-443.33
207	5	17.79	15.35	25	6.31	-20356.50	847.17	3582.22	5727.17	270.80	-552.94
207	5	17.79	15.35	26	6.31	-20301.70	413.06	3513.96	5857.77	671.16	-354.51
207	5	17.79	15.35	27	6.31	-20688.20	633.03	2079.34	8528.45	470.94	-466.51
207	5	17.79	15.35	28	6.31	-19970.10	627.20	5016.84	3056.48	471.01	-440.94
207	5	17.79	15.35	29	6.31	-19876.70	857.83	3400.41	5628.37	267.01	-552.22
207	5	17.79	15.35	30	6.31	-19821.90	423.72	3332.15	5758.97	667.37	-353.79
207	5	17.79	15.35	31	6.31	-20208.40	643.69	1897.53	8429.65	467.15	-465.79
207	5	17.79	15.35	32	6.31	-19490.30	637.86	4835.03	2957.69	467.22	-440.22
207	5	17.79	15.35	1	6.80	-20080.20	579.19	3220.17	6566.59	592.83	-230.33
207	5	17.79	15.35	±	6.80	1244.29	2087.60	4042.91	7563.98	1760.39	1134.64
207	5	17.79	15.35	2	6.80	-20103.20	573.05	3205.60	6653.67	605.36	-208.12
207	5	17.79	15.35	±	6.80	1393.57	2298.67	4494.63	8436.31	1944.11	1259.50
207	5	17.79	15.35	3	6.80	-20080.20	579.19	3220.17	6566.59	592.83	-230.33
207	5	17.79	15.35	±	6.80	-616.62	1999.22	-3205.08	-6024.70	1518.17	654.87
207	5	17.79	15.35	4	6.80	-20103.20	573.05	3205.60	6653.67	605.36	-208.12
207	5	17.79	15.35	±	6.80	-702.28	2195.79	-3563.89	-6724.69	1661.46	708.50
207	5	17.79	15.35	5	6.80	-20080.20	579.19	3220.17	6566.59	592.83	-230.33
207	5	17.79	15.35	±	6.80	3195.66	760.31	12205.70	22878.70	895.48	1068.04
207	5	17.79	15.35	6	6.80	-20103.20	573.05	3205.60	6653.67	605.36	-208.12
207	5	17.79	15.35	±	6.80	3596.79	845.63	13570.50	25525.10	1011.93	1213.54
207	5	17.79	15.35	7	6.80	-20080.20	579.19	3220.17	6566.59	592.83	-230.33
207	5	17.79	15.35	±	6.80	3007.36	-465.74	11954.30	22416.90	-88.09	531.19
207	5	17.79	15.35	8	6.80	-20103.20	573.05	3205.60	6653.67	605.36	-208.12
207	5	17.79	15.35	±	6.80	3389.40	-502.71	13291.30	25011.60	-69.74	623.14
207	5	17.79	15.35	9	6.80	-19618.40	702.36	3512.39	4820.67	341.54	-675.68
207	5	17.79	15.35	±	6.80	1244.29	2087.60	4042.91	7563.98	1760.39	1134.64
207	5	17.79	15.35	10	6.80	-19595.40	708.50	3526.96	4733.60	329.01	-697.89
207	5	17.79	15.35	±	6.80	1393.57	2298.67	4494.63	8436.31	1944.11	1259.50
207	5	17.79	15.35	11	6.80	-19618.40	702.36	3512.39	4820.67	341.54	-675.68
207	5	17.79	15.35	±	6.80	-616.62	1999.22	-3205.08	-6024.70	1518.17	654.87
207	5	17.79	15.35	12	6.80	-19595.40	708.50	3526.96	4733.60	329.01	-697.89
207	5	17.79	15.35	±	6.80	-702.28	2195.79	-3563.89	-6724.69	1661.46	708.50
207	5	17.79	15.35	13	6.80	-19618.40	702.36	3512.39	4820.67	341.54	-675.68
207	5	17.79	15.35	±	6.80	3195.66	760.31	12205.70	22878.70	895.48	1068.04
207	5	17.79	15.35	14	6.80	-19595.40	708.50	3526.96	4733.60	329.01	-697.89
207	5	17.79	15.35	±	6.80	3596.79	845.63	13570.50	25525.10	1011.93	1213.54
207	5	17.79	15.35	15	6.80	-19618.40	702.36	3512.39	4820.67	341.54	-675.68
207	5	17.79	15.35	±	6.80	3007.36	-465.74	11954.30	22416.90	-88.09	531.19
207	5	17.79	15.35	16	6.80	-19595.40	708.50	3526.96	4733.60	329.01	-697.89
207	5	17.79	15.35	±	6.80	3389.40	-502.71	13291.30	25011.60	-69.74	623.14
207	5	17.79	15.35	17	6.80	-30645.20	1080.48	5793.02	8796.48	554.04	-762.89
207	5	17.79	15.35	18	6.80	-30590.30	646.37	5724.76	8927.08	954.40	-564.46
207	5	17.79	15.35	19	6.80	-30976.80	866.34	4290.14	11597.80	754.18	-676.46
207	5	17.79	15.35	20	6.80	-30258.70	860.51	7227.64	6125.80	754.25	-650.89
207	5	17.79	15.35	21	6.80	-22251.50	812.91	4191.48	6205.71	282.61	-555.33
207	5	17.79	15.35	22	6.80	-22196.70	378.80	4123.22	6336.30	682.97	-356.90
207	5	17.79	15.35	23	6.80	-22583.10	598.77	2688.60	9006.99	482.75	-468.90
207	5	17.79	15.35	24	6.80	-21865.00	592.94	5626.10	3535.02	482.82	-443.33
207	5	17.79	15.35	25	6.80	-20356.50	847.17	3582.22	5727.13	270.80	-552.94
207	5	17.79	15.35	26	6.80	-20301.70	413.06	3513.96	5857.73	671.16	-354.51
207	5	17.79	15.35	27	6.80	-20688.20	633.03	2079.34	8528.41	470.94	-466.51
207	5	17.79	15.35	28	6.80	-19970.10	627.20	5016.84	3056.45	471.01	-440.94
207	5	17.79	15.35	29	6.80	-19876.70	857.83	3400.41	5628.33	267.01	-552.22
207	5	17.79	15.35	30	6.80	-19821.90	423.72	3332.15	5758.93	667.37	-353.79
207	5	17.79	15.35	31	6.80	-20208.40	643.69	1897.53	8429.62	467.15	-465.79
207	5	17.79	15.35	32	6.80	-19490.30	637.86	4835.03	2957.65	467.22	-440.22
207	6	17.79	15.35	1	6.80	-19193.90	579.19	3220.37	7961.88	307.37	-229.71
207	6	17.79	15.35	±	6.80	1162.20	2087.59	4042.82	5691.94	2788.28	1146.22
207	6	17.79	15.35	2	6.80	-19215.00	573.05	3205.80	8041.28	322.93	-207.44
207	6	17.79	15.35	±	6.80	1301.23	2298.67	4494.53	6357.80	3075.99	1272.27
207	6	17.79	15.35	3	6.80	-19193.90	579.19	3220.37	7961.88	307.37	-229.71
207	6	17.79	15.35	±	6.80	-547.59	1999.22	-3205.01	-4539.08	2504.47	665.48
207	6	17.79	15.35	4	6.80	-19215.00	573.05	3205.80	8041.28	322.93	-207.44
207	6	17.79	15.35	±	6.80	-624.45	2195.79	-3563.81	-5075.28	2744.67	720.14
207	6	17.79	15.35	5	6.80	-19193.90	579.19	3220.37	7961.88	307.37	-229.71
207	6	17.79	15.35	±	6.80	2941.83	760.31	12205.40	17224.60	1266.92	1072.98
207	6	17.79	15.35	6	6.80	-19215.00	573.05	3205.80	8041.28	322.93	-207.44
207	6	17.79	15.35	±	6.80	3310.97	845.63	13570.20	19247.50	1425.30	1219.08
207	6	17.79	15.35	7	6.80	-19193.90	579.19	3220.37	7961.88	307.37	-229.71
207	6	17.79	15.35	±	6.80	2757.45	-465.74	11954.00	16878.80	-320.90	529.47
207	6	17.79	15.35	8	6.80	-19215.00	573.05	3205.80	8041.28	322.93	-207.44
207	6	17.79	15.35	±	6.80	3107.94	-502.71	13291.00	18862.70	-320.90	621.36
207	6	17.79	15.35	9	6.80	-18770.00	702.36	3512.56	6369.84	-4.62	-676.25
207	6	17.79	15.35	±	6.80	1162.20	2087.59	4042.82	5691.94	2788.28	1146.22
207	6	17.79	15.35	10	6.80	-18748.90	708.50	3527.13	6290.44	-20.18	-698.52
207	6	17.79	15.35	±	6.80	1301.23	2298.67	4494.53	6357.80	3075.99	1272.27
207	6	17.79	15.35	11	6.80	-18770.00	702.36	3512.56	6369.84	-4.62	-676.25

207	6	17.79	15.35	±	6.80	-547.59	1999.22	-3205.01	-4539.08	2504.47	665.48
207	6	17.79	15.35	12	6.80	-18748.90	708.50	3527.13	6290.44	-20.18	-698.52
207	6	17.79	15.35	±	6.80	-624.45	2195.79	-3563.81	-5075.28	2744.67	720.14
207	6	17.79	15.35	13	6.80	-18770.00	702.36	3512.56	6369.84	-4.62	-676.25
207	6	17.79	15.35	±	6.80	2941.83	760.31	12205.40	17224.60	1266.92	1072.98
207	6	17.79	15.35	14	6.80	-18748.90	708.50	3527.13	6290.44	-20.18	-698.52
207	6	17.79	15.35	±	6.80	3310.97	845.63	13570.20	19247.50	1425.30	1219.08
207	6	17.79	15.35	15	6.80	-18770.00	702.36	3512.56	6369.84	-4.62	-676.25
207	6	17.79	15.35	±	6.80	2757.45	-465.74	11954.00	16878.80	-320.90	529.47
207	6	17.79	15.35	16	6.80	-18748.90	708.50	3527.13	6290.44	-20.18	-698.52
207	6	17.79	15.35	±	6.80	3107.94	-502.71	13291.00	18862.70	-320.90	621.36
207	6	17.79	15.35	17	6.80	-29475.90	1080.48	5793.37	11338.90	21.52	-763.70
207	6	17.79	15.35	18	6.80	-29421.00	646.37	5725.11	11438.30	635.83	-562.77
207	6	17.79	15.35	19	6.80	-29778.30	866.34	4290.52	13437.80	327.20	-676.02
207	6	17.79	15.35	20	6.80	-29118.60	860.51	7227.96	9339.47	330.14	-650.46
207	6	17.79	15.35	21	6.80	-21364.50	812.91	4191.71	8045.90	-118.04	-556.36
207	6	17.79	15.35	22	6.80	-21309.60	378.80	4123.45	8145.35	496.27	-355.43
207	6	17.79	15.35	23	6.80	-21666.90	598.77	2688.87	10144.80	187.65	-468.67
207	6	17.79	15.35	24	6.80	-21007.20	592.94	5626.30	6046.48	190.59	-443.11
207	6	17.79	15.35	25	6.80	-19484.90	847.17	3582.42	7296.08	-146.73	-554.12
207	6	17.79	15.35	26	6.80	-19430.00	413.06	3514.16	7395.52	467.58	-353.19
207	6	17.79	15.35	27	6.80	-19787.30	633.03	2079.57	9394.94	158.96	-466.44
207	6	17.79	15.35	28	6.80	-19127.60	627.20	5017.01	5296.66	161.90	-440.87
207	6	17.79	15.35	29	6.80	-19009.40	857.83	3400.60	7116.14	-155.78	-553.44
207	6	17.79	15.35	30	6.80	-18954.50	423.72	3332.33	7215.58	458.53	-352.51
207	6	17.79	15.35	31	6.80	-19311.80	643.69	1897.75	9215.00	149.91	-465.76
207	6	17.79	15.35	32	6.80	-18652.10	637.86	4835.18	5116.72	152.85	-440.20
207	6	17.79	15.35	1	7.30	-19193.90	579.19	3220.37	7961.84	307.37	-229.71
207	6	17.79	15.35	±	7.30	1162.20	2087.60	4042.82	5691.94	2788.28	1146.22
207	6	17.79	15.35	2	7.30	-19215.00	573.05	3205.80	8041.24	322.93	-207.44
207	6	17.79	15.35	±	7.30	1301.23	2298.67	4494.53	6357.80	3075.99	1272.28
207	6	17.79	15.35	3	7.30	-19193.90	579.19	3220.37	7961.84	307.37	-229.71
207	6	17.79	15.35	±	7.30	-547.59	1999.22	-3205.01	-4539.08	2504.47	665.49
207	6	17.79	15.35	4	7.30	-19215.00	573.05	3205.80	8041.24	322.93	-207.44
207	6	17.79	15.35	±	7.30	-624.45	2195.79	-3563.81	-5075.27	2744.67	720.14
207	6	17.79	15.35	5	7.30	-19193.90	579.19	3220.37	7961.84	307.37	-229.71
207	6	17.79	15.35	±	7.30	2941.83	760.31	12205.40	17224.60	1266.92	1072.98
207	6	17.79	15.35	6	7.30	-19215.00	573.05	3205.80	8041.24	322.93	-207.44
207	6	17.79	15.35	±	7.30	3310.97	845.63	13570.20	19247.50	1425.30	1219.09
207	6	17.79	15.35	7	7.30	-19193.90	579.19	3220.37	7961.84	307.37	-229.71
207	6	17.79	15.35	±	7.30	2757.45	-465.74	11954.00	16878.80	-320.90	529.47
207	6	17.79	15.35	8	7.30	-19215.00	573.05	3205.80	8041.24	322.93	-207.44
207	6	17.79	15.35	±	7.30	3107.94	-502.71	13291.00	18862.70	-320.90	621.36
207	6	17.79	15.35	9	7.30	-18770.00	702.36	3512.56	6369.81	-4.62	-676.25
207	6	17.79	15.35	±	7.30	1162.20	2087.60	4042.82	5691.94	2788.28	1146.22
207	6	17.79	15.35	10	7.30	-18748.90	708.50	3527.13	6290.41	-20.18	-698.52
207	6	17.79	15.35	±	7.30	1301.23	2298.67	4494.53	6357.80	3075.99	1272.28
207	6	17.79	15.35	11	7.30	-18770.00	702.36	3512.56	6369.81	-4.62	-676.25
207	6	17.79	15.35	±	7.30	-547.59	1999.22	-3205.01	-4539.08	2504.47	665.49
207	6	17.79	15.35	12	7.30	-18748.90	708.50	3527.13	6290.41	-20.18	-698.52
207	6	17.79	15.35	±	7.30	-624.45	2195.79	-3563.81	-5075.27	2744.67	720.14
207	6	17.79	15.35	13	7.30	-18770.00	702.36	3512.56	6369.81	-4.62	-676.25
207	6	17.79	15.35	±	7.30	2941.83	760.31	12205.40	17224.60	1266.92	1072.98
207	6	17.79	15.35	14	7.30	-18748.90	708.50	3527.13	6290.41	-20.18	-698.52
207	6	17.79	15.35	±	7.30	3310.97	845.63	13570.20	19247.50	1425.30	1219.09
207	6	17.79	15.35	15	7.30	-18770.00	702.36	3512.56	6369.81	-4.62	-676.25
207	6	17.79	15.35	±	7.30	2757.45	-465.74	11954.00	16878.80	-320.90	529.47
207	6	17.79	15.35	16	7.30	-18748.90	708.50	3527.13	6290.41	-20.18	-698.52
207	6	17.79	15.35	±	7.30	3107.94	-502.71	13291.00	18862.70	-320.90	621.36
207	6	17.79	15.35	17	7.30	-29475.90	1080.48	5793.37	11338.80	21.52	-763.70
207	6	17.79	15.35	18	7.30	-29421.00	646.37	5725.11	11438.30	635.83	-562.77
207	6	17.79	15.35	19	7.30	-29778.30	866.34	4290.52	13437.70	327.20	-676.02
207	6	17.79	15.35	20	7.30	-29118.60	860.51	7227.96	9339.42	330.14	-650.46
207	6	17.79	15.35	21	7.30	-21364.50	812.91	4191.71	8045.86	-118.04	-556.36
207	6	17.79	15.35	22	7.30	-21309.60	378.80	4123.45	8145.31	496.27	-355.43
207	6	17.79	15.35	23	7.30	-21666.90	598.77	2688.87	10144.70	187.65	-468.68
207	6	17.79	15.35	24	7.30	-21007.20	592.94	5626.30	6046.45	190.59	-443.11
207	6	17.79	15.35	25	7.30	-19484.90	847.17	3582.42	7296.04	-146.73	-554.12
207	6	17.79	15.35	26	7.30	-19430.00	413.06	3514.16	7395.49	467.58	-353.19
207	6	17.79	15.35	27	7.30	-19787.30	633.03	2079.57	9394.90	158.96	-466.44
207	6	17.79	15.35	28	7.30	-19127.60	627.20	5017.01	5296.63	161.90	-440.87
207	6	17.79	15.35	29	7.30	-19009.40	857.83	3400.60	7116.10	-155.78	-553.45
207	6	17.79	15.35	30	7.30	-18954.50	423.72	3332.33	7215.55	458.53	-352.51
207	6	17.79	15.35	31	7.30	-19311.80	643.69	1897.75	9214.96	149.91	-465.76
207	6	17.79	15.35	32	7.30	-18652.10	637.86	4835.18	5116.69	152.85	-440.20
207	7	17.79	15.35	1	7.30	-16082.40	579.19	3220.69	7387.75	21.91	-232.40
207	7	17.79	15.35	±	7.30	239.69	2087.59	4042.77	3215.33	3816.43	1013.43
207	7	17.79	15.35	2	7.30	-16082.10	573.05	3206.12	7441.39	40.50	-210.76
207	7	17.79	15.35	±	7.30	263.76	2298.67	4494.47	3598.16	4208.14	1125.86
207	7	17.79	15.35	3	7.30	-16082.40	579.19	3220.69	7387.75	21.91	-232.40
207	7	17.79	15.35	±	7.30	209.05	1999.22	-3204.97	-2548.18	3490.52	542.58
207	7	17.79	15.35	4	7.30	-16082.10	573.05	3206.12	7441.39	40.50	-210.76

207	7	17.79	15.35	±	7.30	229.74	2195.79	-3563.77	-2856.05	3827.63	585.37
207	7	17.79	15.35	5	7.30	-16082.40	579.19	3220.69	7387.75	21.91	-232.40
207	7	17.79	15.35	±	7.30	118.37	760.31	12205.20	9705.92	1639.23	1018.16
207	7	17.79	15.35	6	7.30	-16082.10	573.05	3206.12	7441.39	40.50	-210.76
207	7	17.79	15.35	±	7.30	130.74	845.63	13570.00	10868.30	1839.55	1157.51
207	7	17.79	15.35	7	7.30	-16082.40	579.19	3220.69	7387.75	21.91	-232.40
207	7	17.79	15.35	±	7.30	-16.25	-465.74	11953.90	9505.77	-552.86	551.35
207	7	17.79	15.35	8	7.30	-16082.10	573.05	3206.12	7441.39	40.50	-210.76
207	7	17.79	15.35	±	7.30	-17.31	-502.71	13290.80	10645.70	-571.18	644.14
207	7	17.79	15.35	9	7.30	-16088.60	702.36	3512.85	6312.24	-350.78	-666.35
207	7	17.79	15.35	±	7.30	239.69	2087.59	4042.77	3215.33	3816.43	1013.43
207	7	17.79	15.35	10	7.30	-16088.90	708.50	3527.43	6258.60	-369.36	-687.99
207	7	17.79	15.35	±	7.30	263.76	2298.67	4494.47	3598.16	4208.14	1125.86
207	7	17.79	15.35	11	7.30	-16088.60	702.36	3512.85	6312.24	-350.78	-666.35
207	7	17.79	15.35	±	7.30	209.05	1999.22	-3204.97	-2548.18	3490.52	542.58
207	7	17.79	15.35	12	7.30	-16088.90	708.50	3527.43	6258.60	-369.36	-687.99
207	7	17.79	15.35	±	7.30	229.74	2195.79	-3563.77	-2856.05	3827.63	585.37
207	7	17.79	15.35	13	7.30	-16088.60	702.36	3512.85	6312.24	-350.78	-666.35
207	7	17.79	15.35	±	7.30	118.37	760.31	12205.20	9705.92	1639.23	1018.16
207	7	17.79	15.35	14	7.30	-16088.90	708.50	3527.43	6258.60	-369.36	-687.99
207	7	17.79	15.35	±	7.30	130.74	845.63	13570.00	10868.30	1839.55	1157.51
207	7	17.79	15.35	15	7.30	-16088.60	702.36	3512.85	6312.24	-350.78	-666.35
207	7	17.79	15.35	±	7.30	-16.25	-465.74	11953.90	9505.77	-552.86	551.35
207	7	17.79	15.35	16	7.30	-16088.90	708.50	3527.43	6258.60	-369.36	-687.99
207	7	17.79	15.35	±	7.30	-17.31	-502.71	13290.80	10645.70	-571.18	644.14
207	7	17.79	15.35	17	7.30	-25098.50	1080.48	5793.92	11000.60	-511.00	-748.50
207	7	17.79	15.35	18	7.30	-25047.80	646.37	5725.66	11068.40	317.27	-576.44
207	7	17.79	15.35	19	7.30	-25078.80	866.34	4291.09	12179.80	-99.78	-675.29
207	7	17.79	15.35	20	7.30	-25067.50	860.51	7228.49	9889.18	-93.96	-649.65
207	7	17.79	15.35	21	7.30	-18171.20	812.91	4192.09	7823.72	-518.69	-540.66
207	7	17.79	15.35	22	7.30	-18120.50	378.80	4123.83	7891.61	309.58	-368.59
207	7	17.79	15.35	23	7.30	-18151.50	598.77	2689.26	9002.99	-107.46	-467.45
207	7	17.79	15.35	24	7.30	-18140.20	592.94	5626.66	6712.35	-101.65	-441.80
207	7	17.79	15.35	25	7.30	-16524.20	847.17	3582.75	7018.78	-564.26	-536.64
207	7	17.79	15.35	26	7.30	-16473.50	413.06	3514.49	7086.68	264.01	-364.57
207	7	17.79	15.35	27	7.30	-16504.50	633.03	2079.92	8198.05	-153.03	-463.43
207	7	17.79	15.35	28	7.30	-16493.20	627.20	5017.32	5907.41	-147.22	-437.78
207	7	17.79	15.35	29	7.30	-16110.80	857.83	3400.90	6816.05	-578.57	-535.41
207	7	17.79	15.35	30	7.30	-16060.10	423.72	3332.64	6883.94	249.70	-363.34
207	7	17.79	15.35	31	7.30	-16091.20	643.69	1898.07	7995.31	-167.34	-462.20
207	7	17.79	15.35	32	7.30	-16079.80	637.86	4835.47	5704.68	-161.52	-436.55
207	7	17.79	15.35	1	7.79	-16082.40	579.19	3220.69	7387.72	21.91	-232.40
207	7	17.79	15.35	±	7.79	239.69	2087.59	4042.77	3215.33	3816.43	1013.44
207	7	17.79	15.35	2	7.79	-16082.10	573.05	3206.12	7441.36	40.50	-210.76
207	7	17.79	15.35	±	7.79	263.76	2298.67	4494.47	3598.16	4208.14	1125.87
207	7	17.79	15.35	3	7.79	-16082.40	579.19	3220.69	7387.72	21.91	-232.40
207	7	17.79	15.35	±	7.79	209.05	1999.22	-3204.97	-2548.18	3490.52	542.58
207	7	17.79	15.35	4	7.79	-16082.10	573.05	3206.12	7441.36	40.50	-210.76
207	7	17.79	15.35	±	7.79	229.74	2195.79	-3563.77	-2856.05	3827.63	585.37
207	7	17.79	15.35	5	7.79	-16082.40	579.19	3220.69	7387.72	21.91	-232.40
207	7	17.79	15.35	±	7.79	118.37	760.31	12205.20	9705.92	1639.23	1018.16
207	7	17.79	15.35	6	7.79	-16082.10	573.05	3206.12	7441.36	40.50	-210.76
207	7	17.79	15.35	±	7.79	130.74	845.63	13570.00	10868.30	1839.55	1157.51
207	7	17.79	15.35	7	7.79	-16082.40	579.19	3220.69	7387.72	21.91	-232.40
207	7	17.79	15.35	±	7.79	-16.25	-465.74	11953.90	9505.77	-552.86	551.35
207	7	17.79	15.35	8	7.79	-16082.10	573.05	3206.12	7441.36	40.50	-210.76
207	7	17.79	15.35	±	7.79	-17.31	-502.71	13290.80	10645.70	-571.18	644.14
207	7	17.79	15.35	9	7.79	-16088.60	702.36	3512.85	6312.21	-350.78	-666.35
207	7	17.79	15.35	±	7.79	239.69	2087.59	4042.77	3215.33	3816.43	1013.44
207	7	17.79	15.35	10	7.79	-16088.90	708.50	3527.43	6258.57	-369.36	-687.99
207	7	17.79	15.35	±	7.79	263.76	2298.67	4494.47	3598.16	4208.14	1125.87
207	7	17.79	15.35	11	7.79	-16088.60	702.36	3512.85	6312.21	-350.78	-666.35
207	7	17.79	15.35	±	7.79	209.05	1999.22	-3204.97	-2548.18	3490.52	542.58
207	7	17.79	15.35	12	7.79	-16088.90	708.50	3527.43	6258.57	-369.36	-687.99
207	7	17.79	15.35	±	7.79	229.74	2195.79	-3563.77	-2856.05	3827.63	585.37
207	7	17.79	15.35	13	7.79	-16088.60	702.36	3512.85	6312.21	-350.78	-666.35
207	7	17.79	15.35	±	7.79	118.37	760.31	12205.20	9705.92	1639.23	1018.16
207	7	17.79	15.35	14	7.79	-16088.90	708.50	3527.43	6258.57	-369.36	-687.99
207	7	17.79	15.35	±	7.79	130.74	845.63	13570.00	10868.30	1839.55	1157.51
207	7	17.79	15.35	15	7.79	-16088.60	702.36	3512.85	6312.21	-350.78	-666.35
207	7	17.79	15.35	±	7.79	-16.25	-465.74	11953.90	9505.77	-552.86	551.35
207	7	17.79	15.35	16	7.79	-16088.90	708.50	3527.43	6258.57	-369.36	-687.99
207	7	17.79	15.35	±	7.79	-17.31	-502.71	13290.80	10645.70	-571.18	644.14
207	7	17.79	15.35	17	7.79	-25098.50	1080.48	5793.92	11000.50	-511.00	-748.51
207	7	17.79	15.35	18	7.79	-25047.80	646.37	5725.66	11068.40	317.27	-576.44
207	7	17.79	15.35	19	7.79	-25078.80	866.34	4291.09	12179.80	-99.78	-675.29
207	7	17.79	15.35	20	7.79	-25067.50	860.51	7228.49	9889.13	-93.96	-649.65
207	7	17.79	15.35	21	7.79	-18171.20	812.91	4192.09	7823.69	-518.69	-540.66
207	7	17.79	15.35	22	7.79	-18120.50	378.80	4123.83	7891.58	309.58	-368.59
207	7	17.79	15.35	23	7.79	-18151.50	598.77	2689.26	9002.95	-107.46	-467.45
207	7	17.79	15.35	24	7.79	-18140.20	592.94	5626.66	6712.32	-101.65	-441.80
207	7	17.79	15.35	25	7.79	-16524.20	847.17	3582.75	7018.75	-564.26	-536.64

207	7	17.79	15.35	26	7.79	-16473.50	413.06	3514.49	7086.65	264.01	-364.58
207	7	17.79	15.35	27	7.79	-16504.50	633.03	2079.92	8198.02	-153.03	-463.43
207	7	17.79	15.35	28	7.79	-16493.20	627.20	5017.32	5907.38	-147.22	-437.79
207	7	17.79	15.35	29	7.79	-16110.80	857.83	3400.90	6816.02	-578.57	-535.41
207	7	17.79	15.35	30	7.79	-16060.10	423.72	3332.64	6883.91	249.70	-363.34
207	7	17.79	15.35	31	7.79	-16091.20	643.69	1898.07	7995.28	-167.34	-462.20
207	7	17.79	15.35	32	7.79	-16079.80	637.86	4835.47	5704.65	-161.52	-436.55
211	1	10.75	16.20	1	4.34	-26334.10	3897.07	4211.83	-8338.15	5302.34	-2077.55
211	1	10.75	16.20	±	4.34	1276.03	9232.03	1055.64	937.12	19396.50	1110.67
211	1	10.75	16.20	2	4.34	-26328.80	3988.88	4201.44	-8326.02	5624.36	-2053.13
211	1	10.75	16.20	±	4.34	1410.20	10198.50	1165.61	1034.30	21483.60	1229.52
211	1	10.75	16.20	3	4.34	-26334.10	3897.07	4211.83	-8338.15	5302.34	-2077.55
211	1	10.75	16.20	±	4.34	168.02	4034.91	226.59	283.38	2681.88	64.68
211	1	10.75	16.20	4	4.34	-26328.80	3988.88	4201.44	-8326.02	5624.36	-2053.13
211	1	10.75	16.20	±	4.34	178.06	4392.56	244.56	307.96	2800.74	63.17
211	1	10.75	16.20	5	4.34	-26334.10	3897.07	4211.83	-8338.15	5302.34	-2077.55
211	1	10.75	16.20	±	4.34	2063.30	10651.90	1574.08	1272.64	31169.50	1919.61
211	1	10.75	16.20	6	4.34	-26328.80	3988.88	4201.44	-8326.02	5624.36	-2053.13
211	1	10.75	16.20	±	4.34	2291.81	11865.20	1746.61	1411.91	34780.70	2137.81
211	1	10.75	16.20	7	4.34	-26334.10	3897.07	4211.83	-8338.15	5302.34	-2077.55
211	1	10.75	16.20	±	4.34	1630.08	6671.83	1189.42	906.49	24545.90	1567.01
211	1	10.75	16.20	8	4.34	-26328.80	3988.88	4201.44	-8326.02	5624.36	-2053.13
211	1	10.75	16.20	±	4.34	1815.33	7487.86	1323.56	1009.23	27495.40	1750.00
211	1	10.75	16.20	9	4.34	-26441.40	2056.33	4420.13	-8581.43	-1154.49	-2567.29
211	1	10.75	16.20	±	4.34	1276.03	9232.03	1055.64	937.12	19396.50	1110.67
211	1	10.75	16.20	10	4.34	-26446.70	1964.52	4430.52	-8593.57	-1476.51	-2591.71
211	1	10.75	16.20	±	4.34	1410.20	10198.50	1165.61	1034.30	21483.60	1229.52
211	1	10.75	16.20	11	4.34	-26441.40	2056.33	4420.13	-8581.43	-1154.49	-2567.29
211	1	10.75	16.20	±	4.34	168.02	4034.91	226.59	283.38	2681.88	64.68
211	1	10.75	16.20	12	4.34	-26446.70	1964.52	4430.52	-8593.57	-1476.51	-2591.71
211	1	10.75	16.20	±	4.34	178.06	4392.56	244.56	307.96	2800.74	63.17
211	1	10.75	16.20	13	4.34	-26441.40	2056.33	4420.13	-8581.43	-1154.49	-2567.29
211	1	10.75	16.20	±	4.34	2063.30	10651.90	1574.08	1272.64	31169.50	1919.61
211	1	10.75	16.20	14	4.34	-26446.70	1964.52	4430.52	-8593.57	-1476.51	-2591.71
211	1	10.75	16.20	±	4.34	2291.81	11865.20	1746.61	1411.91	34780.70	2137.81
211	1	10.75	16.20	15	4.34	-26441.40	2056.33	4420.13	-8581.43	-1154.49	-2567.29
211	1	10.75	16.20	±	4.34	1630.08	6671.83	1189.42	906.49	24545.90	1567.01
211	1	10.75	16.20	16	4.34	-26446.70	1964.52	4430.52	-8593.57	-1476.51	-2591.71
211	1	10.75	16.20	±	4.34	1815.33	7487.86	1323.56	1009.23	27495.40	1750.00
211	1	10.75	16.20	17	4.34	-38625.60	5007.94	7108.26	-14072.20	3417.14	-3825.32
211	1	10.75	16.20	18	4.34	-38805.00	4466.21	6974.15	-13947.70	3747.18	-3702.43
211	1	10.75	16.20	19	4.34	-38892.70	4162.37	7160.36	-14088.20	1754.34	-3884.34
211	1	10.75	16.20	20	4.34	-38537.80	5311.78	6922.05	-13931.70	5409.97	-3643.42
211	1	10.75	16.20	21	4.34	-27828.30	3728.40	5017.72	-9835.33	2053.10	-2712.82
211	1	10.75	16.20	22	4.34	-28007.70	3186.68	4883.61	-9710.89	2383.14	-2589.93
211	1	10.75	16.20	23	4.34	-28095.50	2882.84	5069.82	-9851.32	390.31	-2771.83
211	1	10.75	16.20	24	4.34	-27740.60	4032.25	4831.51	-9694.90	4045.93	-2530.91
211	1	10.75	16.20	25	4.34	-26629.60	3360.73	4534.30	-8846.50	1969.29	-2461.50
211	1	10.75	16.20	26	4.34	-26809.00	2819.01	4400.19	-8722.07	2299.33	-2338.61
211	1	10.75	16.20	27	4.34	-26896.80	2515.17	4586.40	-8862.50	306.49	-2520.52
211	1	10.75	16.20	28	4.34	-26541.80	3664.58	4348.09	-8706.07	3962.12	-2279.59
211	1	10.75	16.20	29	4.34	-26298.00	3247.56	4383.03	-8522.01	1908.91	-2383.87
211	1	10.75	16.20	30	4.34	-26477.40	2705.84	4248.93	-8397.58	2238.95	-2260.98
211	1	10.75	16.20	31	4.34	-26565.20	2401.99	4435.13	-8538.00	246.11	-2442.88
211	1	10.75	16.20	32	4.34	-26210.30	3551.40	4196.83	-8381.58	3901.74	-2201.96
211	1	10.75	16.20	1	4.83	-26334.10	3897.07	4211.83	-8338.15	5302.34	-2077.55
211	1	10.75	16.20	±	4.83	1276.03	9232.03	1055.64	937.12	19396.50	1110.67
211	1	10.75	16.20	2	4.83	-26328.80	3988.88	4201.44	-8326.02	5624.36	-2053.13
211	1	10.75	16.20	±	4.83	1410.20	10198.50	1165.61	1034.30	21483.60	1229.52
211	1	10.75	16.20	3	4.83	-26334.10	3897.07	4211.83	-8338.15	5302.34	-2077.55
211	1	10.75	16.20	±	4.83	168.02	4034.91	226.59	283.38	2681.88	64.68
211	1	10.75	16.20	4	4.83	-26328.80	3988.88	4201.44	-8326.02	5624.36	-2053.13
211	1	10.75	16.20	±	4.83	178.06	4392.56	244.56	307.96	2800.74	63.17
211	1	10.75	16.20	5	4.83	-26334.10	3897.07	4211.83	-8338.15	5302.34	-2077.55
211	1	10.75	16.20	±	4.83	2063.30	10651.90	1574.08	1272.64	31169.50	1919.61
211	1	10.75	16.20	6	4.83	-26328.80	3988.88	4201.44	-8326.02	5624.36	-2053.13
211	1	10.75	16.20	±	4.83	2291.81	11865.20	1746.61	1411.91	34780.70	2137.81
211	1	10.75	16.20	7	4.83	-26334.10	3897.07	4211.83	-8338.15	5302.34	-2077.55
211	1	10.75	16.20	±	4.83	1630.08	6671.83	1189.42	906.49	24545.90	1567.01
211	1	10.75	16.20	8	4.83	-26328.80	3988.88	4201.44	-8326.02	5624.36	-2053.13
211	1	10.75	16.20	±	4.83	1815.33	7487.86	1323.56	1009.23	27495.40	1750.00
211	1	10.75	16.20	9	4.83	-26441.40	2056.33	4420.13	-8581.43	-1154.49	-2567.29
211	1	10.75	16.20	±	4.83	1276.03	9232.03	1055.64	937.12	19396.50	1110.67
211	1	10.75	16.20	10	4.83	-26446.70	1964.52	4430.52	-8593.57	-1476.51	-2591.71
211	1	10.75	16.20	±	4.83	1410.20	10198.50	1165.61	1034.30	21483.60	1229.52
211	1	10.75	16.20	11	4.83	-26441.40	2056.33	4420.13	-8581.43	-1154.49	-2567.29
211	1	10.75	16.20	±	4.83	168.02	4034.91	226.59	283.38	2681.88	64.68
211	1	10.75	16.20	12	4.83	-26446.70	1964.52	4430.52	-8593.57	-1476.51	-2591.71
211	1	10.75	16.20	±	4.83	178.06	4392.56	244.56	307.96	2800.74	63.17
211	1	10.75	16.20	13	4.83	-26441.40	2056.33	4420.13	-8581.43	-1154.49	-2567.29
211	1	10.75	16.20	±	4.83	2063.30	10651.90	1574.08	1272.64	31169.50	1919.61
211	1	10.75	16.20	14	4.83	-26446.70	1964.52	4430.52	-8593.57	-1476.51	-2591.71

211	1	10.75	16.20	±	4.83	2291.81	11865.20	1746.61	1411.91	34780.70	2137.81
211	1	10.75	16.20	15	4.83	-26441.40	2056.33	4420.13	-8581.43	-1154.49	-2567.29
211	1	10.75	16.20	±	4.83	1630.08	6671.83	1189.42	906.49	24545.90	1567.01
211	1	10.75	16.20	16	4.83	-26446.70	1964.52	4430.52	-8593.57	-1476.51	-2591.71
211	1	10.75	16.20	±	4.83	1815.33	7487.86	1323.56	1009.23	27495.40	1750.00
211	1	10.75	16.20	17	4.83	-38625.60	5007.94	7108.26	-14072.20	3417.14	-3825.32
211	1	10.75	16.20	18	4.83	-38805.00	4466.21	6974.15	-13947.70	3747.18	-3702.43
211	1	10.75	16.20	19	4.83	-38892.70	4162.37	7160.36	-14088.20	1754.34	-3884.34
211	1	10.75	16.20	20	4.83	-38537.80	5311.78	6922.05	-13931.70	5409.97	-3643.41
211	1	10.75	16.20	21	4.83	-27828.30	3728.40	5017.72	-9835.33	2053.10	-2712.82
211	1	10.75	16.20	22	4.83	-28007.70	3186.68	4883.61	-9710.89	2383.14	-2589.93
211	1	10.75	16.20	23	4.83	-28095.50	2882.84	5069.82	-9851.32	390.31	-2771.83
211	1	10.75	16.20	24	4.83	-27740.60	4032.25	4831.51	-9694.90	4045.93	-2530.91
211	1	10.75	16.20	25	4.83	-26629.60	3360.73	4534.30	-8846.50	1969.29	-2461.50
211	1	10.75	16.20	26	4.83	-26809.00	2819.01	4400.19	-8722.07	2299.33	-2338.61
211	1	10.75	16.20	27	4.83	-26896.80	2515.17	4586.40	-8862.50	306.49	-2520.52
211	1	10.75	16.20	28	4.83	-26541.80	3664.58	4348.09	-8706.07	3962.12	-2279.59
211	1	10.75	16.20	29	4.83	-26298.00	3247.56	4383.03	-8522.01	1908.91	-2383.87
211	1	10.75	16.20	30	4.83	-26477.40	2705.84	4248.93	-8397.58	2238.95	-2260.98
211	1	10.75	16.20	31	4.83	-26565.20	2401.99	4435.13	-8538.00	246.11	-2442.88
211	1	10.75	16.20	32	4.83	-26210.30	3551.40	4196.83	-8381.58	3901.74	-2201.96
211	2	10.75	16.20	1	4.83	-16057.00	3893.30	4211.83	-6262.33	1662.32	-3073.94
211	2	10.75	16.20	±	4.83	491.88	9232.53	1055.64	416.94	17934.00	1356.67
211	2	10.75	16.20	2	4.83	-16050.40	3985.09	4201.44	-6255.32	1929.77	-3047.50
211	2	10.75	16.20	±	4.83	546.58	10199.00	1165.61	459.94	19849.70	1500.83
211	2	10.75	16.20	3	4.83	-16057.00	3893.30	4211.83	-6262.33	1662.32	-3073.94
211	2	10.75	16.20	±	4.83	-383.97	4035.79	226.59	171.72	3691.35	86.51
211	2	10.75	16.20	4	4.83	-16050.40	3985.09	4201.44	-6255.32	1929.77	-3047.50
211	2	10.75	16.20	±	4.83	-426.86	4393.53	244.56	187.44	3935.48	86.41
211	2	10.75	16.20	5	4.83	-16057.00	3893.30	4211.83	-6262.33	1662.32	-3073.94
211	2	10.75	16.20	±	4.83	1475.93	10651.50	1574.08	497.00	26981.50	2333.42
211	2	10.75	16.20	6	4.83	-16050.40	3985.09	4201.44	-6255.32	1929.77	-3047.50
211	2	10.75	16.20	±	4.83	1640.36	11864.70	1746.61	551.29	30091.50	2595.45
211	2	10.75	16.20	7	4.83	-16057.00	3893.30	4211.83	-6262.33	1662.32	-3073.94
211	2	10.75	16.20	±	4.83	1443.56	6670.99	1189.42	320.40	20493.90	1900.47
211	2	10.75	16.20	8	4.83	-16050.40	3985.09	4201.44	-6255.32	1929.77	-3047.50
211	2	10.75	16.20	±	4.83	1604.44	7486.92	1323.56	357.07	22956.00	2119.27
211	2	10.75	16.20	9	4.83	-16188.10	2052.78	4420.13	-6402.95	-3700.29	-3604.06
211	2	10.75	16.20	±	4.83	491.88	9232.53	1055.64	416.94	17934.00	1356.67
211	2	10.75	16.20	10	4.83	-16194.70	1960.98	4430.52	-6409.96	-3967.75	-3630.50
211	2	10.75	16.20	±	4.83	546.58	10199.00	1165.61	459.94	19849.70	1500.83
211	2	10.75	16.20	11	4.83	-16188.10	2052.78	4420.13	-6402.95	-3700.29	-3604.06
211	2	10.75	16.20	±	4.83	-383.97	4035.79	226.59	171.72	3691.35	86.51
211	2	10.75	16.20	12	4.83	-16194.70	1960.98	4430.52	-6409.96	-3967.75	-3630.50
211	2	10.75	16.20	±	4.83	-426.86	4393.53	244.56	187.44	3935.48	86.41
211	2	10.75	16.20	13	4.83	-16188.10	2052.78	4420.13	-6402.95	-3700.29	-3604.06
211	2	10.75	16.20	±	4.83	1475.93	10651.50	1574.08	497.00	26981.50	2333.42
211	2	10.75	16.20	14	4.83	-16194.70	1960.98	4430.52	-6409.96	-3967.75	-3630.50
211	2	10.75	16.20	±	4.83	1640.36	11864.70	1746.61	551.29	30091.50	2595.45
211	2	10.75	16.20	15	4.83	-16188.10	2052.78	4420.13	-6402.95	-3700.29	-3604.06
211	2	10.75	16.20	±	4.83	1443.56	6670.99	1189.42	320.40	20493.90	1900.47
211	2	10.75	16.20	16	4.83	-16194.70	1960.98	4430.52	-6409.96	-3967.75	-3630.50
211	2	10.75	16.20	±	4.83	1604.44	7486.92	1323.56	357.07	22956.00	2119.27
211	2	10.75	16.20	17	4.83	-23424.20	5002.46	7108.26	-10568.80	-976.32	-5514.76
211	2	10.75	16.20	18	4.83	-23429.60	4460.52	6974.15	-10510.50	-1003.20	-5362.98
211	2	10.75	16.20	19	4.83	-23563.60	4156.82	7160.36	-10559.10	-2563.59	-5595.52
211	2	10.75	16.20	20	4.83	-23290.20	5306.17	6922.05	-10520.20	584.07	-5282.21
211	2	10.75	16.20	21	4.83	-17233.50	3724.77	5017.72	-7362.32	-726.27	-3893.57
211	2	10.75	16.20	22	4.83	-17238.90	3182.83	4883.61	-7303.98	-753.15	-3741.79
211	2	10.75	16.20	23	4.83	-17372.90	2879.13	5069.82	-7352.64	-2313.54	-3974.34
211	2	10.75	16.20	24	4.83	-17099.50	4028.48	4831.51	-7313.66	834.11	-3661.02
211	2	10.75	16.20	25	4.83	-16347.60	3357.16	4534.30	-6611.75	-908.07	-3529.77
211	2	10.75	16.20	26	4.83	-16352.90	2815.22	4400.19	-6553.41	-934.94	-3377.99
211	2	10.75	16.20	27	4.83	-16487.00	2511.52	4586.40	-6602.07	-2495.33	-3610.54
211	2	10.75	16.20	28	4.83	-16213.50	3660.86	4348.09	-6563.09	652.32	-3297.22
211	2	10.75	16.20	29	4.83	-16119.90	3244.01	4383.03	-6361.81	-1005.55	-3414.89
211	2	10.75	16.20	30	4.83	-16125.20	2702.07	4248.93	-6303.47	-1032.43	-3263.11
211	2	10.75	16.20	31	4.83	-16259.30	2398.36	4435.13	-6352.13	-2592.82	-3495.66
211	2	10.75	16.20	32	4.83	-15985.80	3547.71	4196.83	-6313.15	554.84	-3182.34
211	2	10.75	16.20	1	5.33	-16057.00	3893.30	4211.83	-6262.33	1662.32	-3073.94
211	2	10.75	16.20	±	5.33	491.88	9232.53	1055.64	416.94	17934.00	1356.67
211	2	10.75	16.20	2	5.33	-16050.40	3985.09	4201.44	-6255.32	1929.77	-3047.50
211	2	10.75	16.20	±	5.33	546.58	10199.00	1165.61	459.94	19849.70	1500.83
211	2	10.75	16.20	3	5.33	-16057.00	3893.30	4211.83	-6262.33	1662.32	-3073.94
211	2	10.75	16.20	±	5.33	-383.97	4035.79	226.59	171.72	3691.35	86.51
211	2	10.75	16.20	4	5.33	-16050.40	3985.09	4201.44	-6255.32	1929.77	-3047.50
211	2	10.75	16.20	±	5.33	-426.86	4393.53	244.56	187.44	3935.48	86.41
211	2	10.75	16.20	5	5.33	-16057.00	3893.30	4211.83	-6262.33	1662.32	-3073.94
211	2	10.75	16.20	±	5.33	1475.93	10651.50	1574.08	497.00	26981.50	2333.42
211	2	10.75	16.20	6	5.33	-16050.40	3985.09	4201.44	-6255.32	1929.77	-3047.50
211	2	10.75	16.20	±	5.33	1640.36	11864.70	1746.61	551.29	30091.50	2595.45
211	2	10.75	16.20	7	5.33	-16057.00	3893.30	4211.83	-6262.33	1662.32	-3073.94

211	2	10.75	16.20	±	5.33	1443.56	6670.99	1189.42	320.40	20493.90	1900.47
211	2	10.75	16.20	8	5.33	-16050.40	3985.09	4201.44	-6255.32	1929.77	-3047.50
211	2	10.75	16.20	±	5.33	1604.44	7486.92	1323.56	357.07	22956.00	2119.27
211	2	10.75	16.20	9	5.33	-16188.10	2052.78	4420.13	-6402.95	-3700.29	-3604.06
211	2	10.75	16.20	±	5.33	491.88	9232.53	1055.64	416.94	17934.00	1356.67
211	2	10.75	16.20	10	5.33	-16194.70	1960.98	4430.52	-6409.96	-3967.75	-3630.50
211	2	10.75	16.20	±	5.33	546.58	10199.00	1165.61	459.94	19849.70	1500.83
211	2	10.75	16.20	11	5.33	-16188.10	2052.78	4420.13	-6402.95	-3700.29	-3604.06
211	2	10.75	16.20	±	5.33	-383.97	4035.79	226.59	171.72	3691.35	86.51
211	2	10.75	16.20	12	5.33	-16194.70	1960.98	4430.52	-6409.96	-3967.75	-3630.50
211	2	10.75	16.20	±	5.33	-426.86	4393.53	244.56	187.44	3935.48	86.41
211	2	10.75	16.20	13	5.33	-16188.10	2052.78	4420.13	-6402.95	-3700.29	-3604.06
211	2	10.75	16.20	±	5.33	1475.93	10651.50	1574.08	497.00	26981.50	2333.42
211	2	10.75	16.20	14	5.33	-16194.70	1960.98	4430.52	-6409.96	-3967.75	-3630.50
211	2	10.75	16.20	±	5.33	1640.36	11864.70	1746.61	551.29	30091.50	2595.45
211	2	10.75	16.20	15	5.33	-16188.10	2052.78	4420.13	-6402.95	-3700.29	-3604.06
211	2	10.75	16.20	±	5.33	1443.56	6670.99	1189.42	320.40	20493.90	1900.47
211	2	10.75	16.20	16	5.33	-16194.70	1960.98	4430.52	-6409.96	-3967.75	-3630.50
211	2	10.75	16.20	±	5.33	1604.44	7486.92	1323.56	357.07	22956.00	2119.27
211	2	10.75	16.20	17	5.33	-23424.20	5002.46	7108.26	-10568.80	-976.32	-5514.76
211	2	10.75	16.20	18	5.33	-23429.60	4460.52	6974.15	-10510.50	-1003.20	-5362.98
211	2	10.75	16.20	19	5.33	-23563.60	4156.82	7160.36	-10559.10	-2563.59	-5595.52
211	2	10.75	16.20	20	5.33	-23290.20	5306.17	6922.05	-10520.20	584.07	-5282.21
211	2	10.75	16.20	21	5.33	-17233.50	3724.77	5017.72	-7362.32	-726.27	-3893.57
211	2	10.75	16.20	22	5.33	-17238.90	3182.83	4883.61	-7303.98	-753.15	-3741.79
211	2	10.75	16.20	23	5.33	-17372.90	2879.13	5069.82	-7352.64	-2313.54	-3974.34
211	2	10.75	16.20	24	5.33	-17099.50	4028.48	4831.51	-7313.66	834.11	-3661.02
211	2	10.75	16.20	25	5.33	-16347.60	3357.16	4534.30	-6611.75	-908.07	-3529.77
211	2	10.75	16.20	26	5.33	-16352.90	2815.22	4400.19	-6553.41	-934.94	-3377.99
211	2	10.75	16.20	27	5.33	-16487.00	2511.52	4586.40	-6602.07	-2495.33	-3610.54
211	2	10.75	16.20	28	5.33	-16213.50	3660.86	4348.09	-6563.09	652.32	-3297.22
211	2	10.75	16.20	29	5.33	-16119.90	3244.01	4383.03	-6361.81	-1005.55	-3414.89
211	2	10.75	16.20	30	5.33	-16125.20	2702.07	4248.93	-6303.47	-1032.43	-3263.11
211	2	10.75	16.20	31	5.33	-16259.30	2398.36	4435.13	-6352.13	-2592.82	-3495.66
211	2	10.75	16.20	32	5.33	-15985.80	3547.71	4196.83	-6313.15	554.84	-3182.34
211	3	10.75	16.20	1	5.33	-14308.80	3889.83	4211.83	-4186.51	-543.86	-3005.53
211	3	10.75	16.20	±	5.33	575.47	9232.96	1055.64	105.01	14114.50	1338.97
211	3	10.75	16.20	2	5.33	-14302.00	3981.62	4201.44	-4184.61	-320.13	-2979.23
211	3	10.75	16.20	±	5.33	638.01	10199.50	1165.61	116.44	15627.90	1481.30
211	3	10.75	16.20	3	5.33	-14308.80	3889.83	4211.83	-4186.51	-543.86	-3005.53
211	3	10.75	16.20	±	5.33	-281.93	4036.49	226.59	-58.71	2255.73	84.51
211	3	10.75	16.20	4	5.33	-14302.00	3981.62	4201.44	-4184.61	-320.13	-2979.23
211	3	10.75	16.20	±	5.33	-314.85	4394.31	244.56	-65.44	2377.78	84.28
211	3	10.75	16.20	5	5.33	-14308.80	3889.83	4211.83	-4186.51	-543.86	-3005.53
211	3	10.75	16.20	±	5.33	1473.04	10651.20	1574.08	279.81	22220.20	2304.28
211	3	10.75	16.20	6	5.33	-14302.00	3981.62	4201.44	-4184.61	-320.13	-2979.23
211	3	10.75	16.20	±	5.33	1636.56	11864.40	1746.61	310.77	24784.30	2563.20
211	3	10.75	16.20	7	5.33	-14308.80	3889.83	4211.83	-4186.51	-543.86	-3005.53
211	3	10.75	16.20	±	5.33	1384.97	6670.36	1189.42	265.92	17309.10	1877.24
211	3	10.75	16.20	8	5.33	-14302.00	3981.62	4201.44	-4184.61	-320.13	-2979.23
211	3	10.75	16.20	±	5.33	1539.61	7486.22	1323.56	295.47	19382.60	2093.53
211	3	10.75	16.20	9	5.33	-14445.90	2049.48	4420.13	-4224.46	-5029.75	-3532.78
211	3	10.75	16.20	±	5.33	575.47	9232.96	1055.64	105.01	14114.50	1338.97
211	3	10.75	16.20	10	5.33	-14452.70	1957.70	4430.52	-4226.36	-5253.48	-3559.08
211	3	10.75	16.20	±	5.33	638.01	10199.50	1165.61	116.44	15627.90	1481.30
211	3	10.75	16.20	11	5.33	-14445.90	2049.48	4420.13	-4224.46	-5029.75	-3532.78
211	3	10.75	16.20	±	5.33	-281.93	4036.49	226.59	-58.71	2255.73	84.51
211	3	10.75	16.20	12	5.33	-14452.70	1957.70	4430.52	-4226.36	-5253.48	-3559.08
211	3	10.75	16.20	±	5.33	-314.85	4394.31	244.56	-65.44	2377.78	84.28
211	3	10.75	16.20	13	5.33	-14445.90	2049.48	4420.13	-4224.46	-5029.75	-3532.78
211	3	10.75	16.20	±	5.33	1473.04	10651.20	1574.08	279.81	22220.20	2304.28
211	3	10.75	16.20	14	5.33	-14452.70	1957.70	4430.52	-4226.36	-5253.48	-3559.08
211	3	10.75	16.20	±	5.33	1636.56	11864.40	1746.61	310.77	24784.30	2563.20
211	3	10.75	16.20	15	5.33	-14445.90	2049.48	4420.13	-4224.46	-5029.75	-3532.78
211	3	10.75	16.20	±	5.33	1384.97	6670.36	1189.42	265.92	17309.10	1877.24
211	3	10.75	16.20	16	5.33	-14452.70	1957.70	4430.52	-4226.36	-5253.48	-3559.08
211	3	10.75	16.20	±	5.33	1539.61	7486.22	1323.56	295.47	19382.60	2093.53
211	3	10.75	16.20	17	5.33	-21012.70	4997.43	7108.25	-7065.49	-3847.59	-5398.51
211	3	10.75	16.20	18	5.33	-20990.10	4455.32	6974.15	-7073.24	-3715.25	-5248.88
211	3	10.75	16.20	19	5.33	-21134.70	4151.73	7160.36	-7030.13	-5094.78	-5477.83
211	3	10.75	16.20	20	5.33	-20868.10	5301.03	6922.05	-7108.60	-2468.06	-5169.56
211	3	10.75	16.20	21	5.33	-15489.90	3721.45	5017.72	-4889.31	-2792.21	-3812.33
211	3	10.75	16.20	22	5.33	-15467.30	3179.34	4883.61	-4897.07	-2659.87	-3662.69
211	3	10.75	16.20	23	5.33	-15611.80	2875.75	5069.82	-4853.96	-4039.40	-3891.65
211	3	10.75	16.20	24	5.33	-15345.30	4025.05	4831.51	-4932.43	-1412.68	-3583.37
211	3	10.75	16.20	25	5.33	-14613.30	3353.86	4534.30	-4377.00	-2806.79	-3456.28
211	3	10.75	16.20	26	5.33	-14590.70	2811.75	4400.19	-4384.76	-2674.45	-3306.64
211	3	10.75	16.20	27	5.33	-14735.30	2508.15	4586.40	-4341.64	-4053.99	-3535.60
211	3	10.75	16.20	28	5.33	-14468.80	3657.45	4348.09	-4420.12	-1427.26	-3227.32
211	3	10.75	16.20	29	5.33	-14388.70	3240.71	4383.03	-4201.61	-2852.97	-3343.97
211	3	10.75	16.20	30	5.33	-14366.10	2698.60	4248.93	-4209.36	-2720.64	-3194.34
211	3	10.75	16.20	31	5.33	-14510.60	2395.01	4435.13	-4166.25	-4100.17	-3423.29

211	3	10.75	16.20	32	5.33	-14244.10	3544.31	4196.83	-4244.72	-1473.44	-3115.02
211	3	10.75	16.20	1	5.82	-14308.80	3889.83	4211.83	-4186.51	-543.86	-3005.53
211	3	10.75	16.20	±	5.82	575.47	9232.96	1055.64	105.01	14114.50	1338.97
211	3	10.75	16.20	2	5.82	-14302.00	3981.62	4201.44	-4184.61	-320.13	-2979.23
211	3	10.75	16.20	±	5.82	638.01	10199.50	1165.61	116.44	15627.90	1481.30
211	3	10.75	16.20	3	5.82	-14308.80	3889.83	4211.83	-4186.51	-543.86	-3005.53
211	3	10.75	16.20	±	5.82	-281.93	4036.49	226.59	-58.71	2255.73	84.51
211	3	10.75	16.20	4	5.82	-14302.00	3981.62	4201.44	-4184.61	-320.13	-2979.23
211	3	10.75	16.20	±	5.82	-314.85	4394.31	244.56	-65.44	2377.78	84.28
211	3	10.75	16.20	5	5.82	-14308.80	3889.83	4211.83	-4186.51	-543.86	-3005.53
211	3	10.75	16.20	±	5.82	1473.04	10651.20	1574.08	279.81	22220.20	2304.28
211	3	10.75	16.20	6	5.82	-14302.00	3981.62	4201.44	-4184.61	-320.13	-2979.23
211	3	10.75	16.20	±	5.82	1636.56	11864.40	1746.61	310.77	24784.30	2563.20
211	3	10.75	16.20	7	5.82	-14308.80	3889.83	4211.83	-4186.51	-543.86	-3005.53
211	3	10.75	16.20	±	5.82	1384.97	6670.36	1189.42	265.92	17309.10	1877.24
211	3	10.75	16.20	8	5.82	-14302.00	3981.62	4201.44	-4184.61	-320.13	-2979.23
211	3	10.75	16.20	±	5.82	1539.61	7486.22	1323.56	295.47	19382.60	2093.53
211	3	10.75	16.20	9	5.82	-14445.90	2049.48	4420.13	-4224.46	-5029.75	-3532.78
211	3	10.75	16.20	±	5.82	575.47	9232.96	1055.64	105.01	14114.50	1338.97
211	3	10.75	16.20	10	5.82	-14452.70	1957.70	4430.52	-4226.36	-5253.48	-3559.08
211	3	10.75	16.20	±	5.82	638.01	10199.50	1165.61	116.44	15627.90	1481.30
211	3	10.75	16.20	11	5.82	-14445.90	2049.48	4420.13	-4224.46	-5029.75	-3532.78
211	3	10.75	16.20	±	5.82	-281.93	4036.49	226.59	-58.71	2255.73	84.51
211	3	10.75	16.20	12	5.82	-14452.70	1957.70	4430.52	-4226.36	-5253.48	-3559.08
211	3	10.75	16.20	±	5.82	-314.85	4394.31	244.56	-65.44	2377.78	84.28
211	3	10.75	16.20	13	5.82	-14445.90	2049.48	4420.13	-4224.46	-5029.75	-3532.78
211	3	10.75	16.20	±	5.82	1473.04	10651.20	1574.08	279.81	22220.20	2304.28
211	3	10.75	16.20	14	5.82	-14452.70	1957.70	4430.52	-4226.36	-5253.48	-3559.08
211	3	10.75	16.20	±	5.82	1636.56	11864.40	1746.61	310.77	24784.30	2563.20
211	3	10.75	16.20	15	5.82	-14445.90	2049.48	4420.13	-4224.46	-5029.75	-3532.78
211	3	10.75	16.20	±	5.82	1384.97	6670.36	1189.42	265.92	17309.10	1877.24
211	3	10.75	16.20	16	5.82	-14452.70	1957.70	4430.52	-4226.36	-5253.48	-3559.08
211	3	10.75	16.20	±	5.82	1539.61	7486.22	1323.56	295.47	19382.60	2093.53
211	3	10.75	16.20	17	5.82	-21012.70	4997.43	7108.25	-7065.49	-3847.59	-5398.51
211	3	10.75	16.20	18	5.82	-20990.10	4455.32	6974.15	-7073.24	-3715.25	-5248.88
211	3	10.75	16.20	19	5.82	-21134.70	4151.73	7160.36	-7030.13	-5094.78	-5477.83
211	3	10.75	16.20	20	5.82	-20868.10	5301.03	6922.05	-7108.60	-2468.06	-5169.56
211	3	10.75	16.20	21	5.82	-15489.90	3721.45	5017.72	-4889.31	-2792.21	-3812.33
211	3	10.75	16.20	22	5.82	-15467.30	3179.34	4883.61	-4897.07	-2659.87	-3662.69
211	3	10.75	16.20	23	5.82	-15611.80	2875.75	5069.82	-4853.96	-4039.40	-3891.65
211	3	10.75	16.20	24	5.82	-15345.30	4025.05	4831.51	-4932.43	-1412.68	-3583.37
211	3	10.75	16.20	25	5.82	-14613.30	3353.86	4534.30	-4377.00	-2806.79	-3456.28
211	3	10.75	16.20	26	5.82	-14590.70	2811.75	4400.19	-4384.76	-2674.45	-3306.64
211	3	10.75	16.20	27	5.82	-14735.30	2508.15	4586.40	-4341.64	-4053.99	-3535.60
211	3	10.75	16.20	28	5.82	-14468.80	3657.45	4348.09	-4420.12	-1427.26	-3227.32
211	3	10.75	16.20	29	5.82	-14388.70	3240.71	4383.03	-4201.61	-2852.97	-3343.97
211	3	10.75	16.20	30	5.82	-14366.10	2698.60	4248.93	-4209.36	-2720.64	-3194.34
211	3	10.75	16.20	31	5.82	-14510.60	2395.01	4435.13	-4166.25	-4100.17	-3423.29
211	3	10.75	16.20	32	5.82	-14244.10	3544.31	4196.83	-4244.72	-1473.44	-3115.02
211	4	10.75	16.20	1	5.82	-13692.50	3886.64	4211.83	-2110.67	-2316.30	-2985.51
211	4	10.75	16.20	±	5.82	598.81	9233.19	1055.64	623.91	9860.97	1333.00
211	4	10.75	16.20	2	5.82	-13685.50	3978.42	4201.44	-2113.89	-2134.93	-2959.26
211	4	10.75	16.20	±	5.82	663.68	10199.70	1165.61	689.36	10929.10	1474.71
211	4	10.75	16.20	3	5.82	-13692.50	3886.64	4211.83	-2110.67	-2316.30	-2985.51
211	4	10.75	16.20	±	5.82	-265.14	4036.91	226.59	51.74	399.83	83.60
211	4	10.75	16.20	4	5.82	-13685.50	3978.42	4201.44	-2113.89	-2134.93	-2959.26
211	4	10.75	16.20	±	5.82	-296.44	4394.78	244.56	53.73	357.54	83.29
211	4	10.75	16.20	5	5.82	-13692.50	3886.64	4211.83	-2110.67	-2316.30	-2985.51
211	4	10.75	16.20	±	5.82	1489.97	10651.00	1574.08	1054.98	17307.70	2294.82
211	4	10.75	16.20	6	5.82	-13685.50	3978.42	4201.44	-2113.89	-2134.93	-2959.26
211	4	10.75	16.20	±	5.82	1655.29	11864.10	1746.61	1170.85	19312.30	2552.74
211	4	10.75	16.20	7	5.82	-13692.50	3886.64	4211.83	-2110.67	-2316.30	-2985.51
211	4	10.75	16.20	±	5.82	1389.87	6669.95	1189.42	852.28	14229.40	1869.84
211	4	10.75	16.20	8	5.82	-13685.50	3978.42	4201.44	-2113.89	-2134.93	-2959.26
211	4	10.75	16.20	±	5.82	1545.11	7485.76	1323.56	947.93	15926.30	2085.33
211	4	10.75	16.20	9	5.82	-13831.50	2046.40	4420.13	-2045.96	-5952.89	-3511.80
211	4	10.75	16.20	±	5.82	598.81	9233.19	1055.64	623.91	9860.97	1333.00
211	4	10.75	16.20	10	5.82	-13838.40	1954.62	4430.52	-2042.73	-6134.26	-3538.05
211	4	10.75	16.20	±	5.82	663.68	10199.70	1165.61	689.36	10929.10	1474.71
211	4	10.75	16.20	11	5.82	-13831.50	2046.40	4420.13	-2045.96	-5952.89	-3511.80
211	4	10.75	16.20	±	5.82	-265.14	4036.91	226.59	51.74	399.83	83.60
211	4	10.75	16.20	12	5.82	-13838.40	1954.62	4430.52	-2042.73	-6134.26	-3538.05
211	4	10.75	16.20	±	5.82	-296.44	4394.78	244.56	53.73	357.54	83.29
211	4	10.75	16.20	13	5.82	-13831.50	2046.40	4420.13	-2045.96	-5952.89	-3511.80
211	4	10.75	16.20	±	5.82	1489.97	10651.00	1574.08	1054.98	17307.70	2294.82
211	4	10.75	16.20	14	5.82	-13838.40	1954.62	4430.52	-2042.73	-6134.26	-3538.05
211	4	10.75	16.20	±	5.82	1655.29	11864.10	1746.61	1170.85	19312.30	2552.74
211	4	10.75	16.20	15	5.82	-13831.50	2046.40	4420.13	-2045.96	-5952.89	-3511.80
211	4	10.75	16.20	±	5.82	1389.87	6669.95	1189.42	852.28	14229.40	1869.84
211	4	10.75	16.20	16	5.82	-13838.40	1954.62	4430.52	-2042.73	-6134.26	-3538.05
211	4	10.75	16.20	±	5.82	1545.11	7485.76	1323.56	947.93	15926.30	2085.33
211	4	10.75	16.20	17	5.82	-20269.30	4992.76	7108.26	-3562.11	-6124.19	-5364.46

211	4	10.75	16.20	18	5.82	-20241.90	4450.55	6974.15	-3635.96	-5742.44	-5215.58
211	4	10.75	16.20	19	5.82	-20389.90	4147.02	7160.36	-3501.08	-6981.51	-5443.35
211	4	10.75	16.20	20	5.82	-20121.30	5296.29	6922.05	-3697.00	-4885.12	-5136.69
211	4	10.75	16.20	21	5.82	-14899.70	3718.35	5017.72	-2416.28	-4490.49	-3788.45
211	4	10.75	16.20	22	5.82	-14872.30	3176.14	4883.61	-2490.13	-4108.75	-3639.57
211	4	10.75	16.20	23	5.82	-15020.30	2872.61	5069.82	-2355.24	-5347.81	-3867.34
211	4	10.75	16.20	24	5.82	-14751.70	4021.88	4831.51	-2551.17	-3251.42	-3560.68
211	4	10.75	16.20	25	5.82	-14006.00	3350.77	4534.30	-2142.23	-4332.56	-3434.67
211	4	10.75	16.20	26	5.82	-13978.60	2808.56	4400.19	-2216.08	-3950.81	-3285.78
211	4	10.75	16.20	27	5.82	-14126.60	2505.03	4586.40	-2081.19	-5189.88	-3513.55
211	4	10.75	16.20	28	5.82	-13858.00	3654.30	4348.09	-2277.11	-3093.49	-3206.89
211	4	10.75	16.20	29	5.82	-13775.60	3237.62	4383.03	-2041.39	-4325.47	-3323.10
211	4	10.75	16.20	30	5.82	-13748.30	2695.41	4248.93	-2115.23	-3943.72	-3174.21
211	4	10.75	16.20	31	5.82	-13896.30	2391.88	4435.13	-1980.35	-5182.79	-3401.99
211	4	10.75	16.20	32	5.82	-13627.70	3541.15	4196.83	-2176.27	-3086.40	-3095.33
211	4	10.75	16.20	1	6.31	-13692.50	3886.64	4211.83	-2110.67	-2316.30	-2985.51
211	4	10.75	16.20	±	6.31	598.81	9233.19	1055.64	623.91	9860.97	1333.00
211	4	10.75	16.20	2	6.31	-13685.50	3978.42	4201.44	-2113.89	-2134.93	-2959.26
211	4	10.75	16.20	±	6.31	663.68	10199.70	1165.61	689.36	10929.10	1474.71
211	4	10.75	16.20	3	6.31	-13692.50	3886.64	4211.83	-2110.67	-2316.30	-2985.51
211	4	10.75	16.20	±	6.31	-265.14	4036.91	226.59	51.74	399.83	83.60
211	4	10.75	16.20	4	6.31	-13685.50	3978.42	4201.44	-2113.89	-2134.93	-2959.26
211	4	10.75	16.20	±	6.31	-296.44	4394.78	244.56	53.73	357.54	83.29
211	4	10.75	16.20	5	6.31	-13692.50	3886.64	4211.83	-2110.67	-2316.30	-2985.51
211	4	10.75	16.20	±	6.31	1489.97	10651.00	1574.08	1054.98	17307.70	2294.82
211	4	10.75	16.20	6	6.31	-13685.50	3978.42	4201.44	-2113.89	-2134.93	-2959.26
211	4	10.75	16.20	±	6.31	1655.29	11864.10	1746.61	1170.85	19312.30	2552.74
211	4	10.75	16.20	7	6.31	-13692.50	3886.64	4211.83	-2110.67	-2316.30	-2985.51
211	4	10.75	16.20	±	6.31	1389.87	6669.95	1189.42	852.28	14229.40	1869.84
211	4	10.75	16.20	8	6.31	-13685.50	3978.42	4201.44	-2113.89	-2134.93	-2959.26
211	4	10.75	16.20	±	6.31	1545.11	7485.76	1323.56	947.93	15926.30	2085.33
211	4	10.75	16.20	9	6.31	-13831.50	2046.40	4420.13	-2045.96	-5952.89	-3511.80
211	4	10.75	16.20	±	6.31	598.81	9233.19	1055.64	623.91	9860.97	1333.00
211	4	10.75	16.20	10	6.31	-13838.40	1954.62	4430.52	-2042.73	-6134.26	-3538.05
211	4	10.75	16.20	±	6.31	663.68	10199.70	1165.61	689.36	10929.10	1474.71
211	4	10.75	16.20	11	6.31	-13831.50	2046.40	4420.13	-2045.96	-5952.89	-3511.80
211	4	10.75	16.20	±	6.31	-265.14	4036.91	226.59	51.74	399.83	83.60
211	4	10.75	16.20	12	6.31	-13838.40	1954.62	4430.52	-2042.73	-6134.26	-3538.05
211	4	10.75	16.20	±	6.31	-296.44	4394.78	244.56	53.73	357.54	83.29
211	4	10.75	16.20	13	6.31	-13831.50	2046.40	4420.13	-2045.96	-5952.89	-3511.80
211	4	10.75	16.20	±	6.31	1489.97	10651.00	1574.08	1054.98	17307.70	2294.82
211	4	10.75	16.20	14	6.31	-13838.40	1954.62	4430.52	-2042.73	-6134.26	-3538.05
211	4	10.75	16.20	±	6.31	1655.29	11864.10	1746.61	1170.85	19312.30	2552.74
211	4	10.75	16.20	15	6.31	-13831.50	2046.40	4420.13	-2045.96	-5952.89	-3511.80
211	4	10.75	16.20	±	6.31	1389.87	6669.95	1189.42	852.28	14229.40	1869.84
211	4	10.75	16.20	16	6.31	-13838.40	1954.62	4430.52	-2042.73	-6134.26	-3538.05
211	4	10.75	16.20	±	6.31	1545.11	7485.76	1323.56	947.93	15926.30	2085.33
211	4	10.75	16.20	17	6.31	-20269.30	4992.76	7108.26	-3562.11	-6124.19	-5364.46
211	4	10.75	16.20	18	6.31	-20241.90	4450.55	6974.15	-3635.96	-5742.44	-5215.58
211	4	10.75	16.20	19	6.31	-20389.90	4147.02	7160.36	-3501.08	-6981.51	-5443.35
211	4	10.75	16.20	20	6.31	-20121.30	5296.29	6922.05	-3697.00	-4885.12	-5136.69
211	4	10.75	16.20	21	6.31	-14899.70	3718.35	5017.72	-2416.28	-4490.49	-3788.45
211	4	10.75	16.20	22	6.31	-14872.30	3176.14	4883.61	-2490.13	-4108.75	-3639.57
211	4	10.75	16.20	23	6.31	-15020.30	2872.61	5069.82	-2355.24	-5347.81	-3867.34
211	4	10.75	16.20	24	6.31	-14751.70	4021.88	4831.51	-2551.17	-3251.42	-3560.68
211	4	10.75	16.20	25	6.31	-14006.00	3350.77	4534.30	-2142.23	-4332.56	-3434.67
211	4	10.75	16.20	26	6.31	-13978.60	2808.56	4400.19	-2216.08	-3950.81	-3285.78
211	4	10.75	16.20	27	6.31	-14126.60	2505.03	4586.40	-2081.19	-5189.88	-3513.55
211	4	10.75	16.20	28	6.31	-13858.00	3654.30	4348.09	-2277.11	-3093.49	-3206.89
211	4	10.75	16.20	29	6.31	-13775.60	3237.62	4383.03	-2041.39	-4325.47	-3323.10
211	4	10.75	16.20	30	6.31	-13748.30	2695.41	4248.93	-2115.23	-3943.72	-3174.21
211	4	10.75	16.20	31	6.31	-13896.30	2391.88	4435.13	-1980.35	-5182.79	-3401.99
211	4	10.75	16.20	32	6.31	-13627.70	3541.15	4196.83	-2176.27	-3086.40	-3095.33
211	5	10.75	16.20	1	6.31	-12972.90	3883.65	4211.83	-34.82	-4122.48	-2999.08
211	5	10.75	16.20	±	6.31	611.88	9233.23	1055.64	1144.14	5562.98	1338.17
211	5	10.75	16.20	2	6.31	-12965.80	3975.43	4201.44	-43.17	-3983.19	-2972.79
211	5	10.75	16.20	±	6.31	678.09	10199.80	1165.61	1263.78	6181.91	1480.42
211	5	10.75	16.20	3	6.31	-12972.90	3883.65	4211.83	-34.82	-4122.48	-2999.08
211	5	10.75	16.20	±	6.31	-259.40	4037.04	226.59	163.38	-1504.60	84.39
211	5	10.75	16.20	4	6.31	-12965.80	3975.43	4201.44	-43.17	-3983.19	-2972.79
211	5	10.75	16.20	±	6.31	-290.17	4394.92	244.56	174.23	-1715.84	84.15
211	5	10.75	16.20	5	6.31	-12972.90	3883.65	4211.83	-34.82	-4122.48	-2999.08
211	5	10.75	16.20	±	6.31	1505.01	10650.80	1574.08	1830.73	12388.10	2303.01
211	5	10.75	16.20	6	6.31	-12965.80	3975.43	4201.44	-43.17	-3983.19	-2972.79
211	5	10.75	16.20	±	6.31	1671.95	11864.00	1746.61	2031.62	13832.80	2561.80
211	5	10.75	16.20	7	6.31	-12972.90	3883.65	4211.83	-34.82	-4122.48	-2999.08
211	5	10.75	16.20	±	6.31	1399.27	6669.77	1189.42	1438.47	11170.60	1876.24
211	5	10.75	16.20	8	6.31	-12965.80	3975.43	4201.44	-43.17	-3983.19	-2972.79
211	5	10.75	16.20	±	6.31	1555.58	7485.55	1323.56	1600.22	12493.00	2092.43
211	5	10.75	16.20	9	6.31	-13113.80	2043.47	4420.13	132.55	-6915.28	-3526.26
211	5	10.75	16.20	±	6.31	611.88	9233.23	1055.64	1144.14	5562.98	1338.17
211	5	10.75	16.20	10	6.31	-13120.90	1951.70	4430.52	140.90	-7054.56	-3552.55

211	5	10.75	16.20	±	6.31	678.09	10199.80	1165.61	1263.78	6181.91	1480.42
211	5	10.75	16.20	11	6.31	-13113.80	2043.47	4420.13	132.55	-6915.28	-3526.26
211	5	10.75	16.20	±	6.31	-259.40	4037.04	226.59	163.38	-1504.60	84.39
211	5	10.75	16.20	12	6.31	-13120.90	1951.70	4430.52	140.90	-7054.56	-3552.55
211	5	10.75	16.20	±	6.31	-290.17	4394.92	244.56	174.23	-1715.84	84.15
211	5	10.75	16.20	13	6.31	-13113.80	2043.47	4420.13	132.55	-6915.28	-3526.26
211	5	10.75	16.20	±	6.31	1505.01	10650.80	1574.08	1830.73	12388.10	2303.01
211	5	10.75	16.20	14	6.31	-13120.90	1951.70	4430.52	140.90	-7054.56	-3552.55
211	5	10.75	16.20	±	6.31	1671.95	11864.00	1746.61	2031.62	13832.80	2561.80
211	5	10.75	16.20	15	6.31	-13113.80	2043.47	4420.13	132.55	-6915.28	-3526.26
211	5	10.75	16.20	±	6.31	1399.27	6669.77	1189.42	1438.47	11170.60	1876.24
211	5	10.75	16.20	16	6.31	-13120.90	1951.70	4430.52	140.90	-7054.56	-3552.55
211	5	10.75	16.20	±	6.31	1555.58	7485.55	1323.56	1600.22	12493.00	2092.43
211	5	10.75	16.20	17	6.31	-19347.40	4988.35	7108.26	-58.74	-8451.58	-5387.34
211	5	10.75	16.20	18	6.31	-19317.80	4446.10	6974.15	-198.68	-7807.23	-5237.83
211	5	10.75	16.20	19	6.31	-19467.90	4142.60	7160.36	27.98	-8912.55	-5466.60
211	5	10.75	16.20	20	6.31	-19197.20	5291.85	6922.05	-285.40	-7346.26	-5158.57
211	5	10.75	16.20	21	6.31	-14194.90	3715.42	5017.72	56.75	-6225.00	-3804.71
211	5	10.75	16.20	22	6.31	-14165.30	3173.17	4883.61	-83.19	-5580.65	-3655.20
211	5	10.75	16.20	23	6.31	-14315.40	2869.67	5069.82	143.47	-6685.97	-3883.97
211	5	10.75	16.20	24	6.31	-14044.70	4018.92	4831.51	-169.91	-5119.69	-3575.94
211	5	10.75	16.20	25	6.31	-13291.20	3347.83	4534.30	92.55	-5899.54	-3449.44
211	5	10.75	16.20	26	6.31	-13261.60	2805.58	4400.19	-47.40	-5255.20	-3299.93
211	5	10.75	16.20	27	6.31	-13411.70	2502.08	4586.40	179.26	-6360.51	-3528.70
211	5	10.75	16.20	28	6.31	-13141.00	3651.33	4348.09	-134.11	-4794.23	-3220.67
211	5	10.75	16.20	29	6.31	-13058.10	3234.69	4383.03	118.84	-5841.05	-3337.42
211	5	10.75	16.20	30	6.31	-13028.60	2692.44	4248.93	-21.11	-5196.70	-3187.91
211	5	10.75	16.20	31	6.31	-13178.70	2388.94	4435.13	205.55	-6302.02	-3416.68
211	5	10.75	16.20	32	6.31	-12908.00	3538.19	4196.83	-107.82	-4735.73	-3108.65
211	5	10.75	16.20	1	6.80	-12972.90	3883.65	4211.83	-34.82	-4122.48	-2999.08
211	5	10.75	16.20	±	6.80	611.88	9233.23	1055.64	1144.14	5562.98	1338.17
211	5	10.75	16.20	2	6.80	-12965.80	3975.43	4201.44	-43.17	-3983.19	-2972.79
211	5	10.75	16.20	±	6.80	678.09	10199.80	1165.61	1263.78	6181.91	1480.42
211	5	10.75	16.20	3	6.80	-12972.90	3883.65	4211.83	-34.82	-4122.48	-2999.08
211	5	10.75	16.20	±	6.80	-259.40	4037.04	226.59	163.38	-1504.60	84.39
211	5	10.75	16.20	4	6.80	-12965.80	3975.43	4201.44	-43.17	-3983.19	-2972.79
211	5	10.75	16.20	±	6.80	-290.17	4394.92	244.56	174.23	-1715.84	84.15
211	5	10.75	16.20	5	6.80	-12972.90	3883.65	4211.83	-34.82	-4122.48	-2999.08
211	5	10.75	16.20	±	6.80	1505.01	10650.80	1574.08	1830.73	12388.10	2303.01
211	5	10.75	16.20	6	6.80	-12965.80	3975.43	4201.44	-43.17	-3983.19	-2972.79
211	5	10.75	16.20	±	6.80	1671.95	11864.00	1746.61	2031.62	13832.80	2561.80
211	5	10.75	16.20	7	6.80	-12972.90	3883.65	4211.83	-34.82	-4122.48	-2999.08
211	5	10.75	16.20	±	6.80	1399.27	6669.77	1189.42	1438.47	11170.60	1876.24
211	5	10.75	16.20	8	6.80	-12965.80	3975.43	4201.44	-43.17	-3983.19	-2972.79
211	5	10.75	16.20	±	6.80	1555.58	7485.55	1323.56	1600.22	12493.00	2092.43
211	5	10.75	16.20	9	6.80	-13113.80	2043.47	4420.13	132.55	-6915.28	-3526.26
211	5	10.75	16.20	±	6.80	611.88	9233.23	1055.64	1144.14	5562.98	1338.17
211	5	10.75	16.20	10	6.80	-13120.90	1951.70	4430.52	140.90	-7054.56	-3552.55
211	5	10.75	16.20	±	6.80	678.09	10199.80	1165.61	1263.78	6181.91	1480.42
211	5	10.75	16.20	11	6.80	-13113.80	2043.47	4420.13	132.55	-6915.28	-3526.26
211	5	10.75	16.20	±	6.80	-259.40	4037.04	226.59	163.38	-1504.60	84.39
211	5	10.75	16.20	12	6.80	-13120.90	1951.70	4430.52	140.90	-7054.56	-3552.55
211	5	10.75	16.20	±	6.80	-290.17	4394.92	244.56	174.23	-1715.84	84.15
211	5	10.75	16.20	13	6.80	-13113.80	2043.47	4420.13	132.55	-6915.28	-3526.26
211	5	10.75	16.20	±	6.80	1505.01	10650.80	1574.08	1830.73	12388.10	2303.01
211	5	10.75	16.20	14	6.80	-13120.90	1951.70	4430.52	140.90	-7054.56	-3552.55
211	5	10.75	16.20	±	6.80	1671.95	11864.00	1746.61	2031.62	13832.80	2561.80
211	5	10.75	16.20	15	6.80	-13113.80	2043.47	4420.13	132.55	-6915.28	-3526.26
211	5	10.75	16.20	±	6.80	1399.27	6669.77	1189.42	1438.47	11170.60	1876.24
211	5	10.75	16.20	16	6.80	-13120.90	1951.70	4430.52	140.90	-7054.56	-3552.55
211	5	10.75	16.20	±	6.80	1555.58	7485.55	1323.56	1600.22	12493.00	2092.43
211	5	10.75	16.20	17	6.80	-19347.40	4988.35	7108.26	-58.74	-8451.58	-5387.34
211	5	10.75	16.20	18	6.80	-19317.80	4446.10	6974.15	-198.68	-7807.23	-5237.83
211	5	10.75	16.20	19	6.80	-19467.90	4142.60	7160.36	27.98	-8912.55	-5466.60
211	5	10.75	16.20	20	6.80	-19197.20	5291.85	6922.05	-285.40	-7346.26	-5158.57
211	5	10.75	16.20	21	6.80	-14194.90	3715.42	5017.72	56.75	-6225.00	-3804.71
211	5	10.75	16.20	22	6.80	-14165.30	3173.17	4883.61	-83.19	-5580.65	-3655.20
211	5	10.75	16.20	23	6.80	-14315.40	2869.67	5069.82	143.47	-6685.97	-3883.97
211	5	10.75	16.20	24	6.80	-14044.70	4018.92	4831.51	-169.91	-5119.69	-3575.94
211	5	10.75	16.20	25	6.80	-13291.20	3347.83	4534.30	92.55	-5899.54	-3449.44
211	5	10.75	16.20	26	6.80	-13261.60	2805.58	4400.19	-47.40	-5255.20	-3299.93
211	5	10.75	16.20	27	6.80	-13411.70	2502.08	4586.40	179.26	-6360.51	-3528.70
211	5	10.75	16.20	28	6.80	-13141.00	3651.33	4348.09	-134.11	-4794.23	-3220.67
211	5	10.75	16.20	29	6.80	-13058.10	3234.69	4383.03	118.84	-5841.05	-3337.42
211	5	10.75	16.20	30	6.80	-13028.60	2692.44	4248.93	-21.11	-5196.70	-3187.91
211	5	10.75	16.20	31	6.80	-13178.70	2388.94	4435.13	205.55	-6302.02	-3416.68
211	5	10.75	16.20	32	6.80	-12908.00	3538.19	4196.83	-107.82	-4735.73	-3108.65
211	6	10.75	16.20	1	6.80	-11800.90	3880.84	4211.83	2041.00	-5833.38	-3028.34
211	6	10.75	16.20	±	6.80	740.06	9233.08	1055.64	1664.40	2918.16	1352.77
211	6	10.75	16.20	2	6.80	-11793.60	3972.62	4201.44	2027.53	-5738.86	-3001.93
211	6	10.75	16.20	±	6.80	818.87	10199.60	1165.61	1838.23	3251.75	1496.51
211	6	10.75	16.20	3	6.80	-11800.90	3880.84	4211.83	2041.00	-5833.38	-3028.34

211	6	10.75	16.20	±	6.80	-116.87	4036.91	226.59	275.05	-1730.38	87.30
211	6	10.75	16.20	4	6.80	-11793.60	3972.62	4201.44	2027.53	-5738.86	-3001.93
211	6	10.75	16.20	±	6.80	-133.38	4394.78	244.56	294.75	-1942.25	87.31
211	6	10.75	16.20	5	6.80	-11800.90	3880.84	4211.83	2041.00	-5833.38	-3028.34
211	6	10.75	16.20	±	6.80	1521.70	10650.80	1574.08	2606.50	7925.74	2325.12
211	6	10.75	16.20	6	6.80	-11793.60	3972.62	4201.44	2027.53	-5738.86	-3001.93
211	6	10.75	16.20	±	6.80	1689.90	11863.90	1746.61	2892.42	8853.08	2586.25
211	6	10.75	16.20	7	6.80	-11800.90	3880.84	4211.83	2041.00	-5833.38	-3028.34
211	6	10.75	16.20	±	6.80	1334.74	6669.78	1189.41	2024.67	7569.41	1893.10
211	6	10.75	16.20	8	6.80	-11793.60	3972.62	4201.44	2027.53	-5738.86	-3001.93
211	6	10.75	16.20	±	6.80	1484.26	7485.56	1323.56	2252.52	8460.23	2111.10
211	6	10.75	16.20	9	6.80	-11946.80	2040.66	4420.13	2311.04	-7728.63	-3558.01
211	6	10.75	16.20	±	6.80	740.06	9233.08	1055.64	1664.40	2918.16	1352.77
211	6	10.75	16.20	10	6.80	-11954.00	1948.89	4430.52	2324.50	-7823.15	-3584.42
211	6	10.75	16.20	±	6.80	818.87	10199.60	1165.61	1838.23	3251.75	1496.51
211	6	10.75	16.20	11	6.80	-11946.80	2040.66	4420.13	2311.04	-7728.63	-3558.01
211	6	10.75	16.20	±	6.80	-116.87	4036.91	226.59	275.05	-1730.38	87.30
211	6	10.75	16.20	12	6.80	-11954.00	1948.89	4430.52	2324.50	-7823.15	-3584.42
211	6	10.75	16.20	±	6.80	-133.38	4394.78	244.56	294.75	-1942.25	87.31
211	6	10.75	16.20	13	6.80	-11946.80	2040.66	4420.13	2311.04	-7728.63	-3558.01
211	6	10.75	16.20	±	6.80	1521.70	10650.80	1574.08	2606.50	7925.74	2325.12
211	6	10.75	16.20	14	6.80	-11954.00	1948.89	4430.52	2324.50	-7823.15	-3584.42
211	6	10.75	16.20	±	6.80	1689.90	11863.90	1746.61	2892.42	8853.08	2586.25
211	6	10.75	16.20	15	6.80	-11946.80	2040.66	4420.13	2311.04	-7728.63	-3558.01
211	6	10.75	16.20	±	6.80	1334.74	6669.78	1189.41	2024.67	7569.41	1893.10
211	6	10.75	16.20	16	6.80	-11954.00	1948.89	4430.52	2324.50	-7823.15	-3584.42
211	6	10.75	16.20	±	6.80	1484.26	7485.56	1323.56	2252.52	8460.23	2111.10
211	6	10.75	16.20	17	6.80	-17817.80	4984.15	7108.26	3444.60	-10565.20	-5436.64
211	6	10.75	16.20	18	6.80	-17756.50	4441.92	6974.15	3238.56	-9790.14	-5285.27
211	6	10.75	16.20	19	6.80	-17920.00	4138.41	7160.36	3557.00	-10696.80	-5516.78
211	6	10.75	16.20	20	6.80	-17654.30	5287.66	6922.05	3126.17	-9658.53	-5205.13
211	6	10.75	16.20	21	6.80	-13033.90	3712.60	5017.72	2529.76	-7778.91	-3840.18
211	6	10.75	16.20	22	6.80	-12972.60	3170.38	4883.61	2323.72	-7003.82	-3688.81
211	6	10.75	16.20	23	6.80	-13136.10	2866.86	5069.82	2642.15	-7910.52	-3920.32
211	6	10.75	16.20	24	6.80	-12870.40	4016.11	4831.51	2211.33	-6872.21	-3608.67
211	6	10.75	16.20	25	6.80	-12135.80	3345.01	4534.30	2327.30	-7280.44	-3481.76
211	6	10.75	16.20	26	6.80	-12074.50	2802.79	4400.19	2121.26	-6505.35	-3330.39
211	6	10.75	16.20	27	6.80	-12238.00	2499.27	4586.40	2439.69	-7412.05	-3561.90
211	6	10.75	16.20	28	6.80	-11972.30	3648.52	4348.09	2008.87	-6373.74	-3250.24
211	6	10.75	16.20	29	6.80	-11904.40	3231.86	4383.03	2279.04	-7168.55	-3368.86
211	6	10.75	16.20	30	6.80	-11843.20	2689.64	4248.93	2073.00	-6393.46	-3217.49
211	6	10.75	16.20	31	6.80	-12006.70	2386.13	4435.13	2391.43	-7300.16	-3449.00
211	6	10.75	16.20	32	6.80	-11740.90	3535.38	4196.83	1960.61	-6261.85	-3137.35
211	6	10.75	16.20	1	7.30	-11800.90	3880.84	4211.83	2041.00	-5833.38	-3028.34
211	6	10.75	16.20	±	7.30	740.06	9233.08	1055.64	1664.40	2918.16	1352.77
211	6	10.75	16.20	2	7.30	-11793.60	3972.62	4201.44	2027.53	-5738.86	-3001.93
211	6	10.75	16.20	±	7.30	818.87	10199.60	1165.61	1838.23	3251.75	1496.51
211	6	10.75	16.20	3	7.30	-11800.90	3880.84	4211.83	2041.00	-5833.38	-3028.34
211	6	10.75	16.20	±	7.30	-116.87	4036.91	226.59	275.05	-1730.38	87.30
211	6	10.75	16.20	4	7.30	-11793.60	3972.62	4201.44	2027.53	-5738.86	-3001.93
211	6	10.75	16.20	±	7.30	-133.38	4394.78	244.56	294.75	-1942.25	87.31
211	6	10.75	16.20	5	7.30	-11800.90	3880.84	4211.83	2041.00	-5833.38	-3028.34
211	6	10.75	16.20	±	7.30	1521.70	10650.80	1574.08	2606.50	7925.74	2325.12
211	6	10.75	16.20	6	7.30	-11793.60	3972.62	4201.44	2027.53	-5738.86	-3001.93
211	6	10.75	16.20	±	7.30	1689.90	11863.90	1746.61	2892.42	8853.08	2586.25
211	6	10.75	16.20	7	7.30	-11800.90	3880.84	4211.83	2041.00	-5833.38	-3028.34
211	6	10.75	16.20	±	7.30	1334.74	6669.78	1189.41	2024.67	7569.41	1893.10
211	6	10.75	16.20	8	7.30	-11793.60	3972.62	4201.44	2027.53	-5738.86	-3001.93
211	6	10.75	16.20	±	7.30	1484.26	7485.56	1323.56	2252.52	8460.23	2111.10
211	6	10.75	16.20	9	7.30	-11946.80	2040.66	4420.13	2311.04	-7728.63	-3558.01
211	6	10.75	16.20	±	7.30	740.06	9233.08	1055.64	1664.40	2918.16	1352.77
211	6	10.75	16.20	10	7.30	-11954.00	1948.89	4430.52	2324.50	-7823.15	-3584.42
211	6	10.75	16.20	±	7.30	818.87	10199.60	1165.61	1838.23	3251.75	1496.51
211	6	10.75	16.20	11	7.30	-11946.80	2040.66	4420.13	2311.04	-7728.63	-3558.01
211	6	10.75	16.20	±	7.30	-116.87	4036.91	226.59	275.05	-1730.38	87.30
211	6	10.75	16.20	12	7.30	-11954.00	1948.89	4430.52	2324.50	-7823.15	-3584.42
211	6	10.75	16.20	±	7.30	-133.38	4394.78	244.56	294.75	-1942.25	87.31
211	6	10.75	16.20	13	7.30	-11946.80	2040.66	4420.13	2311.04	-7728.63	-3558.01
211	6	10.75	16.20	±	7.30	1521.70	10650.80	1574.08	2606.50	7925.74	2325.12
211	6	10.75	16.20	14	7.30	-11954.00	1948.89	4430.52	2324.50	-7823.15	-3584.42
211	6	10.75	16.20	±	7.30	1689.90	11863.90	1746.61	2892.42	8853.08	2586.25
211	6	10.75	16.20	15	7.30	-11946.80	2040.66	4420.13	2311.04	-7728.63	-3558.01
211	6	10.75	16.20	±	7.30	1334.74	6669.78	1189.41	2024.67	7569.41	1893.10
211	6	10.75	16.20	16	7.30	-11954.00	1948.89	4430.52	2324.50	-7823.15	-3584.42
211	6	10.75	16.20	±	7.30	1484.26	7485.56	1323.56	2252.52	8460.23	2111.10
211	6	10.75	16.20	17	7.30	-17817.80	4984.15	7108.26	3444.60	-10565.20	-5436.64
211	6	10.75	16.20	18	7.30	-17756.50	4441.92	6974.15	3238.56	-9790.14	-5285.27
211	6	10.75	16.20	19	7.30	-17920.00	4138.41	7160.36	3557.00	-10696.80	-5516.78
211	6	10.75	16.20	20	7.30	-17654.30	5287.66	6922.05	3126.17	-9658.53	-5205.13
211	6	10.75	16.20	21	7.30	-13033.90	3712.60	5017.72	2529.76	-7778.91	-3840.18
211	6	10.75	16.20	22	7.30	-12972.60	3170.38	4883.61	2323.72	-7003.82	-3688.81
211	6	10.75	16.20	23	7.30	-13136.10	2866.86	5069.82	2642.15	-7910.52	-3920.32

211	6	10.75	16.20	24	7.30	-12870.40	4016.11	4831.51	2211.33	-6872.21	-3608.67
211	6	10.75	16.20	25	7.30	-12135.80	3345.01	4534.30	2327.30	-7280.44	-3481.76
211	6	10.75	16.20	26	7.30	-12074.50	2802.79	4400.19	2121.26	-6505.35	-3330.39
211	6	10.75	16.20	27	7.30	-12238.00	2499.27	4586.40	2439.69	-7412.05	-3561.90
211	6	10.75	16.20	28	7.30	-11972.30	3648.52	4348.09	2008.87	-6373.74	-3250.24
211	6	10.75	16.20	29	7.30	-11904.40	3231.86	4383.03	2279.04	-7168.55	-3368.86
211	6	10.75	16.20	30	7.30	-11843.20	2689.64	4248.93	2073.00	-6393.46	-3217.49
211	6	10.75	16.20	31	7.30	-12006.70	2386.13	4435.13	2391.43	-7300.16	-3449.00
211	6	10.75	16.20	32	7.30	-11740.90	3535.38	4196.83	1960.61	-6261.85	-3137.35
211	7	10.75	16.20	1	7.30	-6689.91	3878.30	4211.83	4116.82	-5866.39	-2584.84
211	7	10.75	16.20	±	7.30	1699.07	9233.09	1055.64	2184.66	3215.16	1143.33
211	7	10.75	16.20	2	7.30	-6681.64	3970.08	4201.44	4098.23	-5841.52	-2560.18
211	7	10.75	16.20	±	7.30	1872.09	10199.60	1165.61	2412.69	3548.13	1265.63
211	7	10.75	16.20	3	7.30	-6689.91	3878.30	4211.83	4116.82	-5866.39	-2584.84
211	7	10.75	16.20	±	7.30	1059.24	4036.89	226.59	386.72	1295.81	46.02
211	7	10.75	16.20	4	7.30	-6681.64	3970.08	4201.44	4098.23	-5841.52	-2560.18
211	7	10.75	16.20	±	7.30	1161.34	4394.75	244.56	415.27	1413.05	42.46
211	7	10.75	16.20	5	7.30	-6689.91	3878.30	4211.83	4116.82	-5866.39	-2584.84
211	7	10.75	16.20	±	7.30	1480.13	10650.80	1574.08	3382.29	3875.55	2007.25
211	7	10.75	16.20	6	7.30	-6681.64	3970.08	4201.44	4098.23	-5841.52	-2560.18
211	7	10.75	16.20	±	7.30	1639.59	11863.90	1746.61	3753.22	4302.65	2234.82
211	7	10.75	16.20	7	7.30	-6689.91	3878.30	4211.83	4116.82	-5866.39	-2584.84
211	7	10.75	16.20	±	7.30	652.64	6669.84	1189.41	2610.87	2522.26	1650.45
211	7	10.75	16.20	8	7.30	-6681.64	3970.08	4201.44	4098.23	-5841.52	-2560.18
211	7	10.75	16.20	±	7.30	729.57	7485.63	1323.56	2904.83	2814.30	1842.40
211	7	10.75	16.20	9	7.30	-6855.74	2038.10	4420.13	4489.52	-6364.88	-3079.39
211	7	10.75	16.20	±	7.30	1699.07	9233.09	1055.64	2184.66	3215.16	1143.33
211	7	10.75	16.20	10	7.30	-6864.01	1946.33	4430.52	4508.11	-6389.74	-3104.06
211	7	10.75	16.20	±	7.30	1872.09	10199.60	1165.61	2412.69	3548.13	1265.63
211	7	10.75	16.20	11	7.30	-6855.74	2038.10	4420.13	4489.52	-6364.88	-3079.39
211	7	10.75	16.20	±	7.30	1059.24	4036.89	226.59	386.72	1295.81	46.02
211	7	10.75	16.20	12	7.30	-6864.01	1946.33	4430.52	4508.11	-6389.74	-3104.06
211	7	10.75	16.20	±	7.30	1161.34	4394.75	244.56	415.27	1413.05	42.46
211	7	10.75	16.20	13	7.30	-6855.74	2038.10	4420.13	4489.52	-6364.88	-3079.39
211	7	10.75	16.20	±	7.30	1480.13	10650.80	1574.08	3382.29	3875.55	2007.25
211	7	10.75	16.20	14	7.30	-6864.01	1946.33	4430.52	4508.11	-6389.74	-3104.06
211	7	10.75	16.20	±	7.30	1639.59	11863.90	1746.61	3753.22	4302.65	2234.82
211	7	10.75	16.20	15	7.30	-6855.74	2038.10	4420.13	4489.52	-6364.88	-3079.39
211	7	10.75	16.20	±	7.30	652.64	6669.84	1189.41	2610.87	2522.26	1650.45
211	7	10.75	16.20	16	7.30	-6864.01	1946.33	4430.52	4508.11	-6389.74	-3104.06
211	7	10.75	16.20	±	7.30	729.57	7485.63	1323.56	2904.83	2814.30	1842.40
211	7	10.75	16.20	17	7.30	-10913.10	4980.35	7108.25	6947.94	-9435.22	-4689.30
211	7	10.75	16.20	18	7.30	-10606.70	4438.14	6974.15	6675.81	-9704.31	-4564.50
211	7	10.75	16.20	19	7.30	-10857.00	4134.61	7160.36	7086.01	-9819.19	-4756.44
211	7	10.75	16.20	20	7.30	-10662.80	5283.87	6922.05	6537.74	-9320.34	-4497.36
211	7	10.75	16.20	21	7.30	-7864.08	3710.08	5017.72	5002.76	-6745.13	-3304.11
211	7	10.75	16.20	22	7.30	-7557.59	3167.86	4883.61	4730.63	-7014.22	-3179.32
211	7	10.75	16.20	23	7.30	-7807.95	2864.34	5069.82	5140.83	-7129.10	-3371.25
211	7	10.75	16.20	24	7.30	-7613.71	4013.60	4831.51	4592.56	-6630.25	-3112.18
211	7	10.75	16.20	25	7.30	-7117.25	3342.46	4534.30	4562.05	-6134.09	-2993.69
211	7	10.75	16.20	26	7.30	-6810.75	2800.25	4400.19	4289.92	-6403.18	-2868.90
211	7	10.75	16.20	27	7.30	-7061.12	2496.72	4586.40	4700.12	-6518.06	-3060.83
211	7	10.75	16.20	28	7.30	-6866.88	3645.98	4348.09	4151.84	-6019.21	-2801.76
211	7	10.75	16.20	29	7.30	-6926.07	3229.31	4383.03	4439.24	-5981.09	-2894.51
211	7	10.75	16.20	30	7.30	-6619.58	2687.09	4248.93	4167.11	-6250.18	-2769.72
211	7	10.75	16.20	31	7.30	-6869.94	2383.57	4435.13	4577.31	-6365.06	-2961.65
211	7	10.75	16.20	32	7.30	-6675.71	3532.83	4196.83	4029.03	-5866.21	-2702.58
211	7	10.75	16.20	1	7.79	-6689.91	3878.30	4211.83	4116.82	-5866.39	-2584.84
211	7	10.75	16.20	±	7.79	1699.07	9233.09	1055.64	2184.66	3215.16	1143.33
211	7	10.75	16.20	2	7.79	-6681.64	3970.08	4201.44	4098.23	-5841.52	-2560.18
211	7	10.75	16.20	±	7.79	1872.09	10199.60	1165.61	2412.69	3548.13	1265.63
211	7	10.75	16.20	3	7.79	-6689.91	3878.30	4211.83	4116.82	-5866.39	-2584.84
211	7	10.75	16.20	±	7.79	1059.24	4036.89	226.59	386.72	1295.81	46.02
211	7	10.75	16.20	4	7.79	-6681.64	3970.08	4201.44	4098.23	-5841.52	-2560.18
211	7	10.75	16.20	±	7.79	1161.34	4394.75	244.56	415.27	1413.05	42.46
211	7	10.75	16.20	5	7.79	-6689.91	3878.30	4211.83	4116.82	-5866.39	-2584.84
211	7	10.75	16.20	±	7.79	1480.13	10650.80	1574.08	3382.29	3875.55	2007.25
211	7	10.75	16.20	6	7.79	-6681.64	3970.08	4201.44	4098.23	-5841.52	-2560.18
211	7	10.75	16.20	±	7.79	1639.59	11863.90	1746.61	3753.22	4302.65	2234.82
211	7	10.75	16.20	7	7.79	-6689.91	3878.30	4211.83	4116.82	-5866.39	-2584.84
211	7	10.75	16.20	±	7.79	652.64	6669.84	1189.41	2610.87	2522.26	1650.45
211	7	10.75	16.20	8	7.79	-6681.64	3970.08	4201.44	4098.23	-5841.52	-2560.18
211	7	10.75	16.20	±	7.79	729.57	7485.63	1323.56	2904.83	2814.30	1842.40
211	7	10.75	16.20	9	7.79	-6855.74	2038.10	4420.13	4489.52	-6364.88	-3079.39
211	7	10.75	16.20	±	7.79	1699.07	9233.09	1055.64	2184.66	3215.16	1143.33
211	7	10.75	16.20	10	7.79	-6864.01	1946.33	4430.52	4508.11	-6389.74	-3104.06
211	7	10.75	16.20	±	7.79	1872.09	10199.60	1165.61	2412.69	3548.13	1265.63
211	7	10.75	16.20	11	7.79	-6855.74	2038.10	4420.13	4489.52	-6364.88	-3079.39
211	7	10.75	16.20	±	7.79	1059.24	4036.89	226.59	386.72	1295.81	46.02
211	7	10.75	16.20	12	7.79	-6864.01	1946.33	4430.52	4508.11	-6389.74	-3104.06
211	7	10.75	16.20	±	7.79	1161.34	4394.75	244.56	415.27	1413.05	42.46
211	7	10.75	16.20	13	7.79	-6855.74	2038.10	4420.13	4489.52	-6364.88	-3079.39

211	7	10.75	16.20	±	7.79	1480.13	10650.80	1574.08	3382.29	3875.55	2007.25
211	7	10.75	16.20	14	7.79	-6864.01	1946.33	4430.52	4508.11	-6389.74	-3104.06
211	7	10.75	16.20	±	7.79	1639.59	11863.90	1746.61	3753.22	4302.65	2234.82
211	7	10.75	16.20	15	7.79	-6855.74	2038.10	4420.13	4489.52	-6364.88	-3079.39
211	7	10.75	16.20	±	7.79	652.64	6669.84	1189.41	2610.87	2522.26	1650.45
211	7	10.75	16.20	16	7.79	-6864.01	1946.33	4430.52	4508.11	-6389.74	-3104.06
211	7	10.75	16.20	±	7.79	729.57	7485.63	1323.56	2904.83	2814.30	1842.40
211	7	10.75	16.20	17	7.79	-10913.10	4980.35	7108.25	6947.94	-9435.22	-4689.30
211	7	10.75	16.20	18	7.79	-10606.70	4438.14	6974.15	6675.81	-9704.31	-4564.50
211	7	10.75	16.20	19	7.79	-10857.00	4134.61	7160.36	7086.01	-9819.19	-4756.44
211	7	10.75	16.20	20	7.79	-10662.80	5283.87	6922.05	6537.74	-9320.34	-4497.36
211	7	10.75	16.20	21	7.79	-7864.08	3710.08	5017.72	5002.76	-6745.13	-3304.11
211	7	10.75	16.20	22	7.79	-7557.59	3167.86	4883.61	4730.63	-7014.22	-3179.32
211	7	10.75	16.20	23	7.79	-7807.95	2864.34	5069.82	5140.83	-7129.10	-3371.25
211	7	10.75	16.20	24	7.79	-7613.71	4013.60	4831.51	4592.56	-6630.25	-3112.18
211	7	10.75	16.20	25	7.79	-7117.25	3342.46	4534.30	4562.05	-6134.09	-2993.69
211	7	10.75	16.20	26	7.79	-6810.75	2800.25	4400.19	4289.92	-6403.18	-2868.90
211	7	10.75	16.20	27	7.79	-7061.12	2496.72	4586.40	4700.12	-6518.06	-3060.83
211	7	10.75	16.20	28	7.79	-6866.88	3645.98	4348.09	4151.84	-6019.21	-2801.76
211	7	10.75	16.20	29	7.79	-6926.07	3229.31	4383.03	4439.24	-5981.09	-2894.51
211	7	10.75	16.20	30	7.79	-6619.58	2687.09	4248.93	4167.11	-6250.18	-2769.72
211	7	10.75	16.20	31	7.79	-6869.94	2383.57	4435.13	4577.31	-6365.06	-2961.65
211	7	10.75	16.20	32	7.79	-6675.71	3532.83	4196.83	4029.03	-5866.21	-2702.58
232	1	22.41	15.35	1	4.34	-14273.80	432.03	1203.52	3536.82	1209.94	-191.01
232	1	22.41	15.35	±	4.34	2423.33	927.34	1473.63	3806.16	1385.94	522.03
232	1	22.41	15.35	2	4.34	-14365.10	430.14	1299.01	3443.42	1213.97	-171.78
232	1	22.41	15.35	±	4.34	2745.88	1020.28	1725.33	4242.66	1526.96	583.92
232	1	22.41	15.35	3	4.34	-14273.80	432.03	1203.52	3536.82	1209.94	-191.01
232	1	22.41	15.35	±	4.34	-1041.05	900.86	-522.11	-1946.28	1165.49	87.83
232	1	22.41	15.35	4	4.34	-14365.10	430.14	1299.01	3443.42	1213.97	-171.78
232	1	22.41	15.35	±	4.34	-1223.47	990.28	-676.79	-2194.04	1278.99	86.84
232	1	22.41	15.35	5	4.34	-14273.80	432.03	1203.52	3536.82	1209.94	-191.01
232	1	22.41	15.35	±	4.34	5981.32	318.37	3468.95	9866.38	750.12	815.15
232	1	22.41	15.35	6	4.34	-14365.10	430.14	1299.01	3443.42	1213.97	-171.78
232	1	22.41	15.35	±	4.34	6843.94	351.60	4160.82	11035.10	834.17	929.07
232	1	22.41	15.35	7	4.34	-14273.80	432.03	1203.52	3536.82	1209.94	-191.01
232	1	22.41	15.35	±	4.34	5566.63	-230.09	3183.50	9308.42	-15.31	632.19
232	1	22.41	15.35	8	4.34	-14365.10	430.14	1299.01	3443.42	1213.97	-171.78
232	1	22.41	15.35	±	4.34	6387.22	-251.57	3846.26	10420.50	-7.61	727.85
232	1	22.41	15.35	9	4.34	-12444.10	470.05	-711.19	5409.56	1129.04	-576.74
232	1	22.41	15.35	±	4.34	2423.33	927.34	1473.63	3806.16	1385.94	522.03
232	1	22.41	15.35	10	4.34	-12352.80	471.94	-806.68	5502.96	1125.00	-595.98
232	1	22.41	15.35	±	4.34	2745.88	1020.28	1725.33	4242.66	1526.96	583.92
232	1	22.41	15.35	11	4.34	-12444.10	470.05	-711.19	5409.56	1129.04	-576.74
232	1	22.41	15.35	±	4.34	-1041.05	900.86	-522.11	-1946.28	1165.49	87.83
232	1	22.41	15.35	12	4.34	-12352.80	471.94	-806.68	5502.96	1125.00	-595.98
232	1	22.41	15.35	±	4.34	-1223.47	990.28	-676.79	-2194.04	1278.99	86.84
232	1	22.41	15.35	13	4.34	-12444.10	470.05	-711.19	5409.56	1129.04	-576.74
232	1	22.41	15.35	±	4.34	5981.32	318.37	3468.95	9866.38	750.12	815.15
232	1	22.41	15.35	14	4.34	-12352.80	471.94	-806.68	5502.96	1125.00	-595.98
232	1	22.41	15.35	±	4.34	6843.94	351.60	4160.82	11035.10	834.17	929.07
232	1	22.41	15.35	15	4.34	-12444.10	470.05	-711.19	5409.56	1129.04	-576.74
232	1	22.41	15.35	±	4.34	5566.63	-230.09	3183.50	9308.42	-15.31	632.19
232	1	22.41	15.35	16	4.34	-12352.80	471.94	-806.68	5502.96	1125.00	-595.98
232	1	22.41	15.35	±	4.34	6387.22	-251.57	3846.26	10420.50	-7.61	727.85
232	1	22.41	15.35	17	4.34	-19432.10	713.40	193.88	7345.55	1773.66	-607.62
232	1	22.41	15.35	18	4.34	-19294.00	532.88	282.78	7222.73	1565.74	-544.49
232	1	22.41	15.35	19	4.34	-20091.80	621.14	334.31	8372.79	1654.56	-589.61
232	1	22.41	15.35	20	4.34	-18634.30	625.15	142.35	6195.48	1684.83	-562.50
232	1	22.41	15.35	21	4.34	-14270.30	517.18	98.89	5263.86	1218.84	-428.99
232	1	22.41	15.35	22	4.34	-14132.20	336.66	187.79	5141.04	1010.92	-365.86
232	1	22.41	15.35	23	4.34	-14930.10	424.91	239.32	6291.10	1099.75	-410.98
232	1	22.41	15.35	24	4.34	-13472.50	428.92	47.37	4113.80	1130.01	-383.87
232	1	22.41	15.35	25	4.34	-13599.40	535.57	178.78	4690.06	1260.59	-418.67
232	1	22.41	15.35	26	4.34	-13461.40	355.05	267.69	4567.24	1052.67	-355.54
232	1	22.41	15.35	27	4.34	-14259.20	443.31	319.21	5717.30	1141.50	-400.66
232	1	22.41	15.35	28	4.34	-12801.60	447.32	127.26	3540.00	1171.76	-373.55
232	1	22.41	15.35	29	4.34	-13428.00	541.30	201.71	4534.60	1273.45	-415.44
232	1	22.41	15.35	30	4.34	-13289.90	360.78	290.62	4411.78	1065.52	-352.31
232	1	22.41	15.35	31	4.34	-14087.80	449.04	342.14	5561.84	1154.35	-397.43
232	1	22.41	15.35	32	4.34	-12630.20	453.05	150.19	3384.54	1184.62	-370.32
232	1	22.41	15.35	1	4.83	-14273.80	432.03	1203.52	3536.79	1209.96	-191.01
232	1	22.41	15.35	±	4.83	2423.33	927.34	1473.63	3806.16	1385.94	522.04
232	1	22.41	15.35	2	4.83	-14365.10	430.14	1299.01	3443.39	1214.00	-171.78
232	1	22.41	15.35	±	4.83	2745.88	1020.28	1725.33	4242.65	1526.96	583.92
232	1	22.41	15.35	3	4.83	-14273.80	432.03	1203.52	3536.79	1209.96	-191.01
232	1	22.41	15.35	±	4.83	-1041.05	900.86	-522.11	-1946.28	1165.49	87.83
232	1	22.41	15.35	4	4.83	-14365.10	430.14	1299.01	3443.39	1214.00	-171.78
232	1	22.41	15.35	±	4.83	-1223.47	990.28	-676.79	-2194.04	1278.99	86.84
232	1	22.41	15.35	5	4.83	-14273.80	432.03	1203.52	3536.79	1209.96	-191.01
232	1	22.41	15.35	±	4.83	5981.32	318.37	3468.95	9866.38	750.12	815.16
232	1	22.41	15.35	6	4.83	-14365.10	430.14	1299.01	3443.39	1214.00	-171.78

232	1	22.41	15.35	±	4.83	6843.94	351.60	4160.82	11035.10	834.16	929.08
232	1	22.41	15.35	7	4.83	-14273.80	432.03	1203.52	3536.79	1209.96	-191.01
232	1	22.41	15.35	±	4.83	5566.63	-230.09	3183.50	9308.41	-15.31	632.20
232	1	22.41	15.35	8	4.83	-14365.10	430.14	1299.01	3443.39	1214.00	-171.78
232	1	22.41	15.35	±	4.83	6387.22	-251.57	3846.26	10420.50	-7.62	727.85
232	1	22.41	15.35	9	4.83	-12444.10	470.05	-711.19	5409.54	1129.06	-576.74
232	1	22.41	15.35	±	4.83	2423.33	927.34	1473.63	3806.16	1385.94	522.04
232	1	22.41	15.35	10	4.83	-12352.80	471.94	-806.68	5502.94	1125.03	-595.98
232	1	22.41	15.35	±	4.83	2745.88	1020.28	1725.33	4242.65	1526.96	583.92
232	1	22.41	15.35	11	4.83	-12444.10	470.05	-711.19	5409.54	1129.06	-576.74
232	1	22.41	15.35	±	4.83	-1041.05	900.86	-522.11	-1946.28	1165.49	87.83
232	1	22.41	15.35	12	4.83	-12352.80	471.94	-806.68	5502.94	1125.03	-595.98
232	1	22.41	15.35	±	4.83	-1223.47	990.28	-676.79	-2194.04	1278.99	86.84
232	1	22.41	15.35	13	4.83	-12444.10	470.05	-711.19	5409.54	1129.06	-576.74
232	1	22.41	15.35	±	4.83	5981.32	318.37	3468.95	9866.38	750.12	815.16
232	1	22.41	15.35	14	4.83	-12352.80	471.94	-806.68	5502.94	1125.03	-595.98
232	1	22.41	15.35	±	4.83	6843.94	351.60	4160.82	11035.10	834.16	929.08
232	1	22.41	15.35	15	4.83	-12444.10	470.05	-711.19	5409.54	1129.06	-576.74
232	1	22.41	15.35	±	4.83	5566.63	-230.09	3183.50	9308.41	-15.31	632.20
232	1	22.41	15.35	16	4.83	-12352.80	471.94	-806.68	5502.94	1125.03	-595.98
232	1	22.41	15.35	±	4.83	6387.22	-251.57	3846.26	10420.50	-7.62	727.85
232	1	22.41	15.35	17	4.83	-19432.10	713.40	193.88	7345.51	1773.70	-607.62
232	1	22.41	15.35	18	4.83	-19294.00	532.88	282.78	7222.69	1565.77	-544.49
232	1	22.41	15.35	19	4.83	-20091.80	621.14	334.31	8372.75	1654.60	-589.61
232	1	22.41	15.35	20	4.83	-18634.30	625.15	142.35	6195.45	1684.87	-562.50
232	1	22.41	15.35	21	4.83	-14270.30	517.18	98.89	5263.83	1218.87	-429.00
232	1	22.41	15.35	22	4.83	-14132.20	336.66	187.79	5141.01	1010.94	-365.86
232	1	22.41	15.35	23	4.83	-14930.10	424.91	239.32	6291.07	1099.77	-410.98
232	1	22.41	15.35	24	4.83	-13472.50	428.92	47.37	4113.77	1130.04	-383.87
232	1	22.41	15.35	25	4.83	-13599.40	535.57	178.78	4690.04	1260.62	-418.67
232	1	22.41	15.35	26	4.83	-13461.40	355.05	267.69	4567.21	1052.69	-355.54
232	1	22.41	15.35	27	4.83	-14259.20	443.31	319.21	5717.28	1141.52	-400.66
232	1	22.41	15.35	28	4.83	-12801.60	447.32	127.26	3539.97	1171.79	-373.55
232	1	22.41	15.35	29	4.83	-13428.00	541.30	201.71	4534.58	1273.47	-415.44
232	1	22.41	15.35	30	4.83	-13289.90	360.78	290.62	4411.75	1065.55	-352.31
232	1	22.41	15.35	31	4.83	-14087.80	449.04	342.14	5561.82	1154.38	-397.43
232	1	22.41	15.35	32	4.83	-12630.20	453.05	150.19	3384.51	1184.64	-370.32
232	2	22.41	15.35	1	4.83	-11549.70	432.03	1203.88	2640.09	997.01	-302.63
232	2	22.41	15.35	±	4.83	1597.59	927.34	1473.63	3065.53	933.01	568.93
232	2	22.41	15.35	2	4.83	-11602.30	430.14	1299.38	2550.70	1001.97	-283.15
232	2	22.41	15.35	±	4.83	1803.98	1020.28	1725.33	3426.62	1029.13	635.61
232	2	22.41	15.35	3	4.83	-11549.70	432.03	1203.88	2640.09	997.01	-302.63
232	2	22.41	15.35	±	4.83	-364.48	900.86	-522.15	-1596.33	717.44	129.24
232	2	22.41	15.35	4	4.83	-11602.30	430.14	1299.38	2550.70	1001.97	-283.15
232	2	22.41	15.35	±	4.83	-447.04	990.28	-676.85	-1807.92	785.97	132.26
232	2	22.41	15.35	5	4.83	-11549.70	432.03	1203.88	2640.09	997.01	-302.63
232	2	22.41	15.35	±	4.83	3455.07	318.37	3469.02	7990.15	606.85	837.55
232	2	22.41	15.35	6	4.83	-11602.30	430.14	1299.38	2550.70	1001.97	-283.15
232	2	22.41	15.35	±	4.83	3955.24	351.60	4160.90	8967.05	677.53	954.10
232	2	22.41	15.35	7	4.83	-11549.70	432.03	1203.88	2640.09	997.01	-302.63
232	2	22.41	15.35	±	4.83	3085.14	-230.09	3183.58	7549.39	111.71	628.10
232	2	22.41	15.35	8	4.83	-11602.30	430.14	1299.38	2550.70	1001.97	-283.15
232	2	22.41	15.35	±	4.83	3548.16	-251.57	3846.36	8481.44	133.01	723.74
232	2	22.41	15.35	9	4.83	-10494.80	470.05	-710.88	4432.36	897.37	-693.33
232	2	22.41	15.35	±	4.83	1597.59	927.34	1473.63	3065.53	933.01	568.93
232	2	22.41	15.35	10	4.83	-10442.20	471.94	-806.37	4521.75	892.40	-712.81
232	2	22.41	15.35	±	4.83	1803.98	1020.28	1725.33	3426.62	1029.13	635.61
232	2	22.41	15.35	11	4.83	-10494.80	470.05	-710.88	4432.36	897.37	-693.33
232	2	22.41	15.35	±	4.83	-364.48	900.86	-522.15	-1596.33	717.44	129.24
232	2	22.41	15.35	12	4.83	-10442.20	471.94	-806.37	4521.75	892.40	-712.81
232	2	22.41	15.35	±	4.83	-447.04	990.28	-676.85	-1807.92	785.97	132.26
232	2	22.41	15.35	13	4.83	-10494.80	470.05	-710.88	4432.36	897.37	-693.33
232	2	22.41	15.35	±	4.83	3455.07	318.37	3469.02	7990.15	606.85	837.55
232	2	22.41	15.35	14	4.83	-10442.20	471.94	-806.37	4521.75	892.40	-712.81
232	2	22.41	15.35	±	4.83	3955.24	351.60	4160.90	8967.05	677.53	954.10
232	2	22.41	15.35	15	4.83	-10494.80	470.05	-710.88	4432.36	897.37	-693.33
232	2	22.41	15.35	±	4.83	3085.14	-230.09	3183.58	7549.39	111.71	628.10
232	2	22.41	15.35	16	4.83	-10442.20	471.94	-806.37	4521.75	892.40	-712.81
232	2	22.41	15.35	±	4.83	3548.16	-251.57	3846.36	8481.44	133.01	723.74
232	2	22.41	15.35	17	4.83	-16050.10	713.41	194.40	5847.84	1422.05	-781.54
232	2	22.41	15.35	18	4.83	-15919.80	532.88	283.30	5753.70	1303.10	-708.13
232	2	22.41	15.35	19	4.83	-16394.00	621.14	334.88	6642.49	1348.43	-758.74
232	2	22.41	15.35	20	4.83	-15575.90	625.15	142.82	4959.05	1376.72	-730.93
232	2	22.41	15.35	21	4.83	-11872.30	517.18	99.24	4214.49	963.95	-547.63
232	2	22.41	15.35	22	4.83	-11741.90	336.66	188.14	4120.36	845.00	-474.23
232	2	22.41	15.35	23	4.83	-12216.20	424.91	239.73	5009.15	890.33	-524.83
232	2	22.41	15.35	24	4.83	-11398.10	428.92	47.66	3325.70	918.61	-497.03
232	2	22.41	15.35	25	4.83	-11244.40	535.57	179.13	3715.34	996.63	-537.76
232	2	22.41	15.35	26	4.83	-11114.00	355.05	268.02	3621.20	877.68	-464.36
232	2	22.41	15.35	27	4.83	-11588.30	443.31	319.61	4510.00	923.01	-514.96
232	2	22.41	15.35	28	4.83	-10770.20	447.32	127.54	2826.55	951.30	-487.16
232	2	22.41	15.35	29	4.83	-11087.40	541.30	202.05	3583.29	1006.66	-534.68

232	2	22.41	15.35	30	4.83	-10957.10	360.78	290.95	3489.16	887.71	-461.28
232	2	22.41	15.35	31	4.83	-11431.30	449.04	342.54	4377.95	933.04	-511.88
232	2	22.41	15.35	32	4.83	-10613.20	453.05	150.47	2694.50	961.33	-484.08
232	2	22.41	15.35	1	5.33	-11549.70	432.03	1203.88	2640.07	997.03	-302.63
232	2	22.41	15.35	±	5.33	1597.59	927.34	1473.63	3065.53	933.01	568.94
232	2	22.41	15.35	2	5.33	-11602.30	430.14	1299.38	2550.68	1002.00	-283.15
232	2	22.41	15.35	±	5.33	1803.98	1020.28	1725.33	3426.62	1029.13	635.61
232	2	22.41	15.35	3	5.33	-11549.70	432.03	1203.88	2640.07	997.03	-302.63
232	2	22.41	15.35	±	5.33	-364.48	900.86	-522.15	-1596.33	717.44	129.24
232	2	22.41	15.35	4	5.33	-11602.30	430.14	1299.38	2550.68	1002.00	-283.15
232	2	22.41	15.35	±	5.33	-447.04	990.28	-676.85	-1807.92	785.97	132.26
232	2	22.41	15.35	5	5.33	-11549.70	432.03	1203.88	2640.07	997.03	-302.63
232	2	22.41	15.35	±	5.33	3455.07	318.37	3469.02	7990.15	606.85	837.56
232	2	22.41	15.35	6	5.33	-11602.30	430.14	1299.38	2550.68	1002.00	-283.15
232	2	22.41	15.35	±	5.33	3955.24	351.60	4160.90	8967.04	677.53	954.10
232	2	22.41	15.35	7	5.33	-11549.70	432.03	1203.88	2640.07	997.03	-302.63
232	2	22.41	15.35	±	5.33	3085.14	-230.09	3183.58	7549.39	111.71	628.10
232	2	22.41	15.35	8	5.33	-11602.30	430.14	1299.38	2550.68	1002.00	-283.15
232	2	22.41	15.35	±	5.33	3548.16	-251.57	3846.36	8481.43	133.00	723.74
232	2	22.41	15.35	9	5.33	-10494.80	470.05	-710.88	4432.34	897.39	-693.33
232	2	22.41	15.35	±	5.33	1597.59	927.34	1473.63	3065.53	933.01	568.94
232	2	22.41	15.35	10	5.33	-10442.20	471.94	-806.37	4521.73	892.42	-712.81
232	2	22.41	15.35	±	5.33	1803.98	1020.28	1725.33	3426.62	1029.13	635.61
232	2	22.41	15.35	11	5.33	-10494.80	470.05	-710.88	4432.34	897.39	-693.33
232	2	22.41	15.35	±	5.33	-364.48	900.86	-522.15	-1596.33	717.44	129.24
232	2	22.41	15.35	12	5.33	-10442.20	471.94	-806.37	4521.73	892.42	-712.81
232	2	22.41	15.35	±	5.33	-447.04	990.28	-676.85	-1807.92	785.97	132.26
232	2	22.41	15.35	13	5.33	-10494.80	470.05	-710.88	4432.34	897.39	-693.33
232	2	22.41	15.35	±	5.33	3455.07	318.37	3469.02	7990.15	606.85	837.56
232	2	22.41	15.35	14	5.33	-10442.20	471.94	-806.37	4521.73	892.42	-712.81
232	2	22.41	15.35	±	5.33	3955.24	351.60	4160.90	8967.04	677.53	954.10
232	2	22.41	15.35	15	5.33	-10494.80	470.05	-710.88	4432.34	897.39	-693.33
232	2	22.41	15.35	±	5.33	3085.14	-230.09	3183.58	7549.39	111.71	628.10
232	2	22.41	15.35	16	5.33	-10442.20	471.94	-806.37	4521.73	892.42	-712.81
232	2	22.41	15.35	±	5.33	3548.16	-251.57	3846.36	8481.43	133.00	723.74
232	2	22.41	15.35	17	5.33	-16050.10	713.41	194.40	5847.81	1422.08	-781.54
232	2	22.41	15.35	18	5.33	-15919.80	532.88	283.30	5753.67	1303.13	-708.13
232	2	22.41	15.35	19	5.33	-16394.00	621.14	334.88	6642.46	1348.46	-758.74
232	2	22.41	15.35	20	5.33	-15575.90	625.15	142.81	4959.02	1376.75	-730.93
232	2	22.41	15.35	21	5.33	-11872.30	517.18	99.24	4214.47	963.97	-547.63
232	2	22.41	15.35	22	5.33	-11741.90	336.66	188.14	4120.33	845.02	-474.23
232	2	22.41	15.35	23	5.33	-12216.20	424.91	239.73	5009.12	890.35	-524.83
232	2	22.41	15.35	24	5.33	-11398.10	428.92	47.66	3325.68	918.64	-497.03
232	2	22.41	15.35	25	5.33	-11244.40	535.57	179.13	3715.32	996.65	-537.76
232	2	22.41	15.35	26	5.33	-11114.00	355.05	268.02	3621.18	877.70	-464.36
232	2	22.41	15.35	27	5.33	-11588.30	443.31	319.61	4509.97	923.03	-514.96
232	2	22.41	15.35	28	5.33	-10770.20	447.32	127.54	2826.53	951.32	-487.16
232	2	22.41	15.35	29	5.33	-11087.40	541.30	202.05	3583.27	1006.69	-534.68
232	2	22.41	15.35	30	5.33	-10957.10	360.78	290.95	3489.13	887.73	-461.28
232	2	22.41	15.35	31	5.33	-11431.30	449.04	342.54	4377.92	933.07	-511.88
232	2	22.41	15.35	32	5.33	-10613.20	453.05	150.47	2694.48	961.35	-484.08
232	3	22.41	15.35	1	5.33	-10658.80	432.03	1204.28	3104.10	784.08	-293.70
232	3	22.41	15.35	±	5.33	1511.00	927.34	1473.65	2681.61	480.49	565.75
232	3	22.41	15.35	2	5.33	-10707.10	430.14	1299.78	3055.62	789.98	-274.23
232	3	22.41	15.35	±	5.33	1705.00	1020.28	1725.36	2981.51	531.79	632.09
232	3	22.41	15.35	3	5.33	-10658.80	432.03	1204.28	3104.10	784.08	-293.70
232	3	22.41	15.35	±	5.33	-286.30	900.86	-522.21	-1617.69	269.11	126.47
232	3	22.41	15.35	4	5.33	-10707.10	430.14	1299.78	3055.62	789.98	-274.23
232	3	22.41	15.35	±	5.33	-357.45	990.28	-676.91	-1808.63	292.61	129.22
232	3	22.41	15.35	5	5.33	-10658.80	432.03	1204.28	3104.10	784.08	-293.70
232	3	22.41	15.35	±	5.33	3179.20	318.37	3469.14	7325.09	464.75	835.96
232	3	22.41	15.35	6	5.33	-10707.10	430.14	1299.78	3055.62	789.98	-274.23
232	3	22.41	15.35	±	5.33	3639.55	351.60	4161.06	8159.49	522.29	952.31
232	3	22.41	15.35	7	5.33	-10658.80	432.03	1204.28	3104.10	784.08	-293.70
232	3	22.41	15.35	±	5.33	2811.79	-230.09	3183.71	7005.91	239.87	628.29
232	3	22.41	15.35	8	5.33	-10707.10	430.14	1299.78	3055.62	789.98	-274.23
232	3	22.41	15.35	±	5.33	3235.28	-251.57	3846.52	7807.63	274.97	723.92
232	3	22.41	15.35	9	5.33	-9689.96	470.05	-710.56	4076.12	665.71	-683.99
232	3	22.41	15.35	±	5.33	1511.00	927.34	1473.65	2681.61	480.49	565.75
232	3	22.41	15.35	10	5.33	-9641.64	471.94	-806.06	4124.60	659.80	-703.45
232	3	22.41	15.35	±	5.33	1705.00	1020.28	1725.36	2981.51	531.79	632.09
232	3	22.41	15.35	11	5.33	-9689.96	470.05	-710.56	4076.12	665.71	-683.99
232	3	22.41	15.35	±	5.33	-286.30	900.86	-522.21	-1617.69	269.11	126.47
232	3	22.41	15.35	12	5.33	-9641.64	471.94	-806.06	4124.60	659.80	-703.45
232	3	22.41	15.35	±	5.33	-357.45	990.28	-676.91	-1808.63	292.61	129.22
232	3	22.41	15.35	13	5.33	-9689.96	470.05	-710.56	4076.12	665.71	-683.99
232	3	22.41	15.35	±	5.33	3179.20	318.37	3469.14	7325.09	464.75	835.96
232	3	22.41	15.35	14	5.33	-9641.64	471.94	-806.06	4124.60	659.80	-703.45
232	3	22.41	15.35	±	5.33	3639.55	351.60	4161.06	8159.49	522.29	952.31
232	3	22.41	15.35	15	5.33	-9689.96	470.05	-710.56	4076.12	665.71	-683.99
232	3	22.41	15.35	±	5.33	2811.79	-230.09	3183.71	7005.91	239.87	628.29
232	3	22.41	15.35	16	5.33	-9641.64	471.94	-806.06	4124.60	659.80	-703.45

232	3	22.41	15.35	±	5.33	3235.28	-251.57	3846.52	7807.63	274.97	723.92
232	3	22.41	15.35	17	5.33	-14923.50	713.41	194.95	5849.61	1070.45	-767.66
232	3	22.41	15.35	18	5.33	-14793.10	532.88	283.84	5795.94	1040.47	-694.94
232	3	22.41	15.35	19	5.33	-15232.40	621.14	335.49	6689.70	1042.30	-745.18
232	3	22.41	15.35	20	5.33	-14484.20	625.15	143.30	4955.86	1068.61	-717.42
232	3	22.41	15.35	21	5.33	-11019.90	517.18	99.62	4200.57	709.05	-538.19
232	3	22.41	15.35	22	5.33	-10889.60	336.66	188.51	4146.91	679.07	-465.46
232	3	22.41	15.35	23	5.33	-11328.80	424.91	240.16	5040.66	680.90	-515.71
232	3	22.41	15.35	24	5.33	-10580.70	428.92	47.97	3306.82	707.22	-487.95
232	3	22.41	15.35	25	5.33	-10395.40	535.57	179.49	3738.30	732.67	-528.29
232	3	22.41	15.35	26	5.33	-10265.10	355.05	268.38	3684.64	702.69	-455.57
232	3	22.41	15.35	27	5.33	-10704.30	443.31	320.03	4578.39	704.52	-505.81
232	3	22.41	15.35	28	5.33	-9956.19	447.32	127.84	2844.55	730.84	-478.05
232	3	22.41	15.35	29	5.33	-10239.60	541.30	202.41	3616.94	739.88	-525.21
232	3	22.41	15.35	30	5.33	-10109.20	360.78	291.31	3563.28	709.90	-452.48
232	3	22.41	15.35	31	5.33	-10548.40	449.04	342.95	4457.03	711.74	-502.72
232	3	22.41	15.35	32	5.33	-9800.32	453.05	150.76	2723.19	738.05	-474.97
232	3	22.41	15.35	1	5.82	-10658.80	432.03	1204.28	3104.08	784.10	-293.70
232	3	22.41	15.35	±	5.82	1511.00	927.34	1473.65	2681.61	480.49	565.75
232	3	22.41	15.35	2	5.82	-10707.10	430.14	1299.78	3055.60	790.00	-274.23
232	3	22.41	15.35	±	5.82	1705.00	1020.28	1725.36	2981.51	531.79	632.10
232	3	22.41	15.35	3	5.82	-10658.80	432.03	1204.28	3104.08	784.10	-293.70
232	3	22.41	15.35	±	5.82	-286.30	900.86	-522.21	-1617.69	269.11	126.47
232	3	22.41	15.35	4	5.82	-10707.10	430.14	1299.78	3055.60	790.00	-274.23
232	3	22.41	15.35	±	5.82	-357.45	990.28	-676.91	-1808.63	292.61	129.22
232	3	22.41	15.35	5	5.82	-10658.80	432.03	1204.28	3104.08	784.10	-293.70
232	3	22.41	15.35	±	5.82	3179.20	318.37	3469.14	7325.09	464.75	835.96
232	3	22.41	15.35	6	5.82	-10707.10	430.14	1299.78	3055.60	790.00	-274.23
232	3	22.41	15.35	±	5.82	3639.55	351.60	4161.06	8159.49	522.29	952.32
232	3	22.41	15.35	7	5.82	-10658.80	432.03	1204.28	3104.08	784.10	-293.70
232	3	22.41	15.35	±	5.82	2811.79	-230.09	3183.71	7005.91	239.87	628.30
232	3	22.41	15.35	8	5.82	-10707.10	430.14	1299.78	3055.60	790.00	-274.23
232	3	22.41	15.35	±	5.82	3235.28	-251.57	3846.52	7807.62	274.97	723.92
232	3	22.41	15.35	9	5.82	-9689.96	470.05	-710.56	4076.10	665.73	-683.99
232	3	22.41	15.35	±	5.82	1511.00	927.34	1473.65	2681.61	480.49	565.75
232	3	22.41	15.35	10	5.82	-9641.64	471.94	-806.06	4124.58	659.82	-703.46
232	3	22.41	15.35	±	5.82	1705.00	1020.28	1725.36	2981.51	531.79	632.10
232	3	22.41	15.35	11	5.82	-9689.96	470.05	-710.56	4076.10	665.73	-683.99
232	3	22.41	15.35	±	5.82	-286.30	900.86	-522.21	-1617.69	269.11	126.47
232	3	22.41	15.35	12	5.82	-9641.64	471.94	-806.06	4124.58	659.82	-703.46
232	3	22.41	15.35	±	5.82	-357.45	990.28	-676.91	-1808.63	292.61	129.22
232	3	22.41	15.35	13	5.82	-9689.96	470.05	-710.56	4076.10	665.73	-683.99
232	3	22.41	15.35	±	5.82	3179.20	318.37	3469.14	7325.09	464.75	835.96
232	3	22.41	15.35	14	5.82	-9641.64	471.94	-806.06	4124.58	659.82	-703.46
232	3	22.41	15.35	±	5.82	3639.55	351.60	4161.06	8159.49	522.29	952.32
232	3	22.41	15.35	15	5.82	-9689.96	470.05	-710.56	4076.10	665.73	-683.99
232	3	22.41	15.35	±	5.82	2811.79	-230.09	3183.71	7005.91	239.87	628.30
232	3	22.41	15.35	16	5.82	-9641.64	471.94	-806.06	4124.58	659.82	-703.46
232	3	22.41	15.35	±	5.82	3235.28	-251.57	3846.52	7807.62	274.97	723.92
232	3	22.41	15.35	17	5.82	-14923.50	713.41	194.95	5849.58	1070.48	-767.67
232	3	22.41	15.35	18	5.82	-14793.10	532.88	283.84	5795.92	1040.50	-694.94
232	3	22.41	15.35	19	5.82	-15232.40	621.14	335.49	6689.67	1042.33	-745.18
232	3	22.41	15.35	20	5.82	-14484.20	625.15	143.30	4955.83	1068.64	-717.43
232	3	22.41	15.35	21	5.82	-11019.90	517.18	99.62	4200.55	709.07	-538.19
232	3	22.41	15.35	22	5.82	-10889.60	336.66	188.51	4146.88	679.09	-465.46
232	3	22.41	15.35	23	5.82	-11328.80	424.91	240.16	5040.64	680.93	-515.71
232	3	22.41	15.35	24	5.82	-10580.70	428.92	47.97	3306.80	707.24	-487.95
232	3	22.41	15.35	25	5.82	-10395.40	535.57	179.49	3738.29	732.69	-528.29
232	3	22.41	15.35	26	5.82	-10265.10	355.05	268.38	3684.62	702.71	-455.57
232	3	22.41	15.35	27	5.82	-10704.30	443.31	320.03	4578.37	704.54	-505.81
232	3	22.41	15.35	28	5.82	-9956.19	447.32	127.84	2844.53	730.86	-478.05
232	3	22.41	15.35	29	5.82	-10239.60	541.30	202.41	3616.93	739.90	-525.21
232	3	22.41	15.35	30	5.82	-10109.20	360.78	291.31	3563.26	709.92	-452.48
232	3	22.41	15.35	31	5.82	-10548.40	449.04	342.95	4457.01	711.76	-502.72
232	3	22.41	15.35	32	5.82	-9800.32	453.05	150.76	2723.17	738.07	-474.97
232	4	22.41	15.35	1	5.82	-9971.45	432.03	1204.61	3661.75	571.14	-291.02
232	4	22.41	15.35	±	5.82	1517.97	927.34	1473.67	2428.19	180.73	564.81
232	4	22.41	15.35	2	5.82	-10019.90	430.14	1300.11	3657.30	577.98	-271.57
232	4	22.41	15.35	±	5.82	1712.80	1020.28	1725.39	2695.48	202.47	631.06
232	4	22.41	15.35	3	5.82	-9971.45	432.03	1204.61	3661.75	571.14	-291.02
232	4	22.41	15.35	±	5.82	-286.94	900.86	-522.24	-1729.09	-27.22	125.65
232	4	22.41	15.35	4	5.82	-10019.90	430.14	1300.11	3657.30	577.98	-271.57
232	4	22.41	15.35	±	5.82	-358.27	990.28	-676.96	-1923.08	-33.58	128.32
232	4	22.41	15.35	5	5.82	-9971.45	432.03	1204.61	3661.75	571.14	-291.02
232	4	22.41	15.35	±	5.82	3192.83	318.37	3469.23	7033.66	369.60	835.51
232	4	22.41	15.35	6	5.82	-10019.90	430.14	1300.11	3657.30	577.98	-271.57
232	4	22.41	15.35	±	5.82	3654.97	351.60	4161.17	7813.46	418.76	951.81
232	4	22.41	15.35	7	5.82	-9971.45	432.03	1204.61	3661.75	571.14	-291.02
232	4	22.41	15.35	±	5.82	2823.52	-230.09	3183.80	6823.93	323.54	628.37
232	4	22.41	15.35	8	5.82	-10019.90	430.14	1300.11	3657.30	577.98	-271.57
232	4	22.41	15.35	±	5.82	3248.61	-251.57	3846.64	7581.74	368.09	723.99
232	4	22.41	15.35	9	5.82	-8999.47	470.05	-710.28	3750.87	434.04	-681.20

232	4	22.41	15.35	±	5.82	1517.97	927.34	1473.67	2428.19	180.73	564.81
232	4	22.41	15.35	10	5.82	-8950.99	471.94	-805.79	3755.32	427.20	-700.66
232	4	22.41	15.35	±	5.82	1712.80	1020.28	1725.39	2695.48	202.47	631.06
232	4	22.41	15.35	11	5.82	-8999.47	470.05	-710.28	3750.87	434.04	-681.20
232	4	22.41	15.35	±	5.82	-286.94	900.86	-522.24	-1729.09	-27.22	125.65
232	4	22.41	15.35	12	5.82	-8950.99	471.94	-805.79	3755.32	427.20	-700.66
232	4	22.41	15.35	±	5.82	-358.27	990.28	-676.96	-1923.08	-33.58	128.32
232	4	22.41	15.35	13	5.82	-8999.47	470.05	-710.28	3750.87	434.04	-681.20
232	4	22.41	15.35	±	5.82	3192.83	318.37	3469.23	7033.66	369.60	835.51
232	4	22.41	15.35	14	5.82	-8950.99	471.94	-805.79	3755.32	427.20	-700.66
232	4	22.41	15.35	±	5.82	3654.97	351.60	4161.17	7813.46	418.76	951.81
232	4	22.41	15.35	15	5.82	-8999.47	470.05	-710.28	3750.87	434.04	-681.20
232	4	22.41	15.35	±	5.82	2823.52	-230.09	3183.80	6823.93	323.54	628.37
232	4	22.41	15.35	16	5.82	-8950.99	471.94	-805.79	3755.32	427.20	-700.66
232	4	22.41	15.35	±	5.82	3248.61	-251.57	3846.64	7581.74	368.09	723.99
232	4	22.41	15.35	17	5.82	-14037.90	713.41	195.42	5943.20	718.84	-763.52
232	4	22.41	15.35	18	5.82	-13906.90	532.88	284.31	5930.52	777.83	-691.00
232	4	22.41	15.35	19	5.82	-14348.10	621.14	336.00	6848.15	736.17	-741.13
232	4	22.41	15.35	20	5.82	-13596.70	625.15	143.73	5025.57	760.50	-713.39
232	4	22.41	15.35	21	5.82	-10333.00	517.18	99.93	4248.95	454.15	-535.37
232	4	22.41	15.35	22	5.82	-10201.90	336.66	188.83	4236.27	513.15	-462.84
232	4	22.41	15.35	23	5.82	-10643.20	424.91	240.52	5153.90	471.48	-512.98
232	4	22.41	15.35	24	5.82	-9891.73	428.92	48.25	3331.32	495.82	-485.23
232	4	22.41	15.35	25	5.82	-9707.27	535.57	179.80	3823.48	468.71	-525.46
232	4	22.41	15.35	26	5.82	-9576.21	355.05	268.69	3810.81	527.70	-452.94
232	4	22.41	15.35	27	5.82	-10017.50	443.31	320.38	4728.44	486.04	-503.07
232	4	22.41	15.35	28	5.82	-9266.01	447.32	128.11	2905.85	510.37	-475.33
232	4	22.41	15.35	29	5.82	-9550.99	541.30	202.72	3712.65	473.10	-522.37
232	4	22.41	15.35	30	5.82	-9419.93	360.78	291.61	3699.97	532.09	-449.85
232	4	22.41	15.35	31	5.82	-9861.18	449.04	343.30	4617.60	490.42	-499.99
232	4	22.41	15.35	32	5.82	-9109.73	453.05	151.03	2795.02	514.76	-472.24
232	4	22.41	15.35	1	6.31	-9971.45	432.03	1204.61	3661.73	571.16	-291.02
232	4	22.41	15.35	±	6.31	1517.97	927.34	1473.67	2428.19	180.73	564.82
232	4	22.41	15.35	2	6.31	-10019.90	430.14	1300.11	3657.28	578.00	-271.56
232	4	22.41	15.35	±	6.31	1712.80	1020.28	1725.39	2695.48	202.47	631.07
232	4	22.41	15.35	3	6.31	-9971.45	432.03	1204.61	3661.73	571.16	-291.02
232	4	22.41	15.35	±	6.31	-286.94	900.86	-522.24	-1729.09	-27.22	125.65
232	4	22.41	15.35	4	6.31	-10019.90	430.14	1300.11	3657.28	578.00	-271.56
232	4	22.41	15.35	±	6.31	-358.27	990.28	-676.96	-1923.08	-33.58	128.32
232	4	22.41	15.35	5	6.31	-9971.45	432.03	1204.61	3661.73	571.16	-291.02
232	4	22.41	15.35	±	6.31	3192.83	318.37	3469.23	7033.66	369.60	835.51
232	4	22.41	15.35	6	6.31	-10019.90	430.14	1300.11	3657.28	578.00	-271.56
232	4	22.41	15.35	±	6.31	3654.97	351.60	4161.17	7813.46	418.75	951.81
232	4	22.41	15.35	7	6.31	-9971.45	432.03	1204.61	3661.73	571.16	-291.02
232	4	22.41	15.35	±	6.31	2823.52	-230.09	3183.80	6823.93	323.54	628.37
232	4	22.41	15.35	8	6.31	-10019.90	430.14	1300.11	3657.28	578.00	-271.56
232	4	22.41	15.35	±	6.31	3248.61	-251.57	3846.64	7581.74	368.09	724.00
232	4	22.41	15.35	9	6.31	-8999.47	470.05	-710.28	3750.86	434.06	-681.20
232	4	22.41	15.35	±	6.31	1517.97	927.34	1473.67	2428.19	180.73	564.82
232	4	22.41	15.35	10	6.31	-8950.99	471.94	-805.79	3755.30	427.22	-700.66
232	4	22.41	15.35	±	6.31	1712.80	1020.28	1725.39	2695.48	202.47	631.07
232	4	22.41	15.35	11	6.31	-8999.47	470.05	-710.28	3750.86	434.06	-681.20
232	4	22.41	15.35	±	6.31	-286.94	900.86	-522.24	-1729.09	-27.22	125.65
232	4	22.41	15.35	12	6.31	-8950.99	471.94	-805.79	3755.30	427.22	-700.66
232	4	22.41	15.35	±	6.31	-358.27	990.28	-676.96	-1923.08	-33.58	128.32
232	4	22.41	15.35	13	6.31	-8999.47	470.05	-710.28	3750.86	434.06	-681.20
232	4	22.41	15.35	±	6.31	3192.83	318.37	3469.23	7033.66	369.60	835.51
232	4	22.41	15.35	14	6.31	-8950.99	471.94	-805.79	3755.30	427.22	-700.66
232	4	22.41	15.35	±	6.31	3654.97	351.60	4161.17	7813.46	418.75	951.81
232	4	22.41	15.35	15	6.31	-8999.47	470.05	-710.28	3750.86	434.06	-681.20
232	4	22.41	15.35	±	6.31	2823.52	-230.09	3183.80	6823.93	323.54	628.37
232	4	22.41	15.35	16	6.31	-8950.99	471.94	-805.79	3755.30	427.22	-700.66
232	4	22.41	15.35	±	6.31	3248.61	-251.57	3846.64	7581.74	368.09	724.00
232	4	22.41	15.35	17	6.31	-14037.90	713.41	195.42	5943.17	718.87	-763.52
232	4	22.41	15.35	18	6.31	-13906.90	532.88	284.31	5930.49	777.86	-691.00
232	4	22.41	15.35	19	6.31	-14348.10	621.14	336.00	6848.12	736.20	-741.13
232	4	22.41	15.35	20	6.31	-13596.70	625.15	143.73	5025.54	760.53	-713.39
232	4	22.41	15.35	21	6.31	-10333.00	517.18	99.93	4248.93	454.17	-535.37
232	4	22.41	15.35	22	6.31	-10201.90	336.66	188.83	4236.25	513.16	-462.84
232	4	22.41	15.35	23	6.31	-10643.20	424.91	240.52	5153.88	471.50	-512.98
232	4	22.41	15.35	24	6.31	-9891.73	428.92	48.25	3331.30	495.84	-485.23
232	4	22.41	15.35	25	6.31	-9707.27	535.57	179.80	3823.46	468.73	-525.46
232	4	22.41	15.35	26	6.31	-9576.21	355.05	268.69	3810.79	527.72	-452.94
232	4	22.41	15.35	27	6.31	-10017.50	443.31	320.38	4728.42	486.06	-503.07
232	4	22.41	15.35	28	6.31	-9266.01	447.32	128.11	2905.84	510.39	-475.33
232	4	22.41	15.35	29	6.31	-9550.99	541.30	202.72	3712.63	473.11	-522.37
232	4	22.41	15.35	30	6.31	-9419.93	360.78	291.61	3699.96	532.11	-449.85
232	4	22.41	15.35	31	6.31	-9861.18	449.04	343.30	4617.58	490.44	-499.99
232	4	22.41	15.35	32	6.31	-9109.73	453.05	151.03	2795.00	514.78	-472.24
232	5	22.41	15.35	1	6.31	-9276.90	432.03	1204.88	4218.69	358.21	-291.52
232	5	22.41	15.35	±	6.31	1534.30	927.34	1473.68	2349.73	629.18	566.53
232	5	22.41	15.35	2	6.31	-9326.06	430.14	1300.38	4258.46	365.99	-272.05

232	5	22.41	15.35	±	6.31	1731.39	1020.28	1725.40	2623.10	695.98	632.96
232	5	22.41	15.35	3	6.31	-9276.90	432.03	1204.88	4218.69	358.21	-291.52
232	5	22.41	15.35	±	6.31	-293.84	900.86	-522.26	-1869.56	423.91	127.15
232	5	22.41	15.35	4	6.31	-9326.06	430.14	1300.38	4258.46	365.99	-272.05
232	5	22.41	15.35	±	6.31	-366.47	990.28	-676.98	-2089.15	462.15	129.96
232	5	22.41	15.35	5	6.31	-9276.90	432.03	1204.88	4218.69	358.21	-291.52
232	5	22.41	15.35	±	6.31	3232.98	318.37	3469.27	7104.16	500.08	836.37
232	5	22.41	15.35	6	6.31	-9326.06	430.14	1300.38	4258.46	365.99	-272.05
232	5	22.41	15.35	±	6.31	3701.17	351.60	4161.22	7933.84	563.43	952.77
232	5	22.41	15.35	7	6.31	-9276.90	432.03	1204.88	4218.69	358.21	-291.52
232	5	22.41	15.35	±	6.31	2860.84	-230.09	3183.85	6960.11	184.16	628.26
232	5	22.41	15.35	8	6.31	-9326.06	430.14	1300.38	4258.46	365.99	-272.05
232	5	22.41	15.35	±	6.31	3291.70	-251.57	3846.69	7773.65	215.99	723.89
232	5	22.41	15.35	9	6.31	-8291.29	470.05	-710.04	3421.28	202.37	-681.90
232	5	22.41	15.35	±	6.31	1534.30	927.34	1473.68	2349.73	629.18	566.53
232	5	22.41	15.35	10	6.31	-8242.13	471.94	-805.54	3381.51	194.60	-701.37
232	5	22.41	15.35	±	6.31	1731.39	1020.28	1725.40	2623.10	695.98	632.96
232	5	22.41	15.35	11	6.31	-8291.29	470.05	-710.04	3421.28	202.37	-681.90
232	5	22.41	15.35	±	6.31	-293.84	900.86	-522.26	-1869.56	423.91	127.15
232	5	22.41	15.35	12	6.31	-8242.13	471.94	-805.54	3381.51	194.60	-701.37
232	5	22.41	15.35	±	6.31	-366.47	990.28	-676.98	-2089.15	462.15	129.96
232	5	22.41	15.35	13	6.31	-8291.29	470.05	-710.04	3421.28	202.37	-681.90
232	5	22.41	15.35	±	6.31	3232.98	318.37	3469.27	7104.16	500.08	836.37
232	5	22.41	15.35	14	6.31	-8242.13	471.94	-805.54	3381.51	194.60	-701.37
232	5	22.41	15.35	±	6.31	3701.17	351.60	4161.22	7933.84	563.43	952.77
232	5	22.41	15.35	15	6.31	-8291.29	470.05	-710.04	3421.28	202.37	-681.90
232	5	22.41	15.35	±	6.31	2860.84	-230.09	3183.85	6960.11	184.16	628.26
232	5	22.41	15.35	16	6.31	-8242.13	471.94	-805.54	3381.51	194.60	-701.37
232	5	22.41	15.35	±	6.31	3291.70	-251.57	3846.69	7773.65	215.99	723.89
232	5	22.41	15.35	17	6.31	-13133.00	713.41	195.81	6032.55	367.23	-764.52
232	5	22.41	15.35	18	6.31	-13000.90	532.88	284.71	6060.92	515.20	-691.63
232	5	22.41	15.35	19	6.31	-13447.40	621.14	336.42	7003.14	430.03	-741.96
232	5	22.41	15.35	20	6.31	-12686.50	625.15	144.10	5090.33	452.39	-714.19
232	5	22.41	15.35	21	6.31	-9634.58	517.18	100.20	4294.56	199.26	-536.12
232	5	22.41	15.35	22	6.31	-9502.55	336.66	189.10	4322.94	347.22	-463.23
232	5	22.41	15.35	23	6.31	-9949.03	424.91	240.81	5265.16	262.06	-513.56
232	5	22.41	15.35	24	6.31	-9188.10	428.92	48.49	3352.35	284.42	-485.79
232	5	22.41	15.35	25	6.31	-9006.87	535.57	180.06	3906.01	204.74	-526.24
232	5	22.41	15.35	26	6.31	-8874.83	355.05	268.95	3934.38	352.71	-453.35
232	5	22.41	15.35	27	6.31	-9321.32	443.31	320.67	4876.60	267.55	-503.68
232	5	22.41	15.35	28	6.31	-8560.39	447.32	128.34	2963.79	289.91	-475.91
232	5	22.41	15.35	29	6.31	-8850.11	541.30	202.97	3805.80	206.31	-523.15
232	5	22.41	15.35	30	6.31	-8718.08	360.78	291.87	3834.17	354.27	-450.26
232	5	22.41	15.35	31	6.31	-9164.56	449.04	343.58	4776.39	269.11	-500.59
232	5	22.41	15.35	32	6.31	-8403.63	453.05	151.26	2863.58	291.47	-472.83
232	5	22.41	15.35	1	6.80	-9276.90	432.03	1204.88	4218.67	358.23	-291.51
232	5	22.41	15.35	±	6.80	1534.30	927.34	1473.68	2349.72	629.18	566.54
232	5	22.41	15.35	2	6.80	-9326.06	430.14	1300.38	4258.44	366.00	-272.05
232	5	22.41	15.35	±	6.80	1731.39	1020.28	1725.40	2623.10	695.98	632.97
232	5	22.41	15.35	3	6.80	-9276.90	432.03	1204.88	4218.67	358.23	-291.51
232	5	22.41	15.35	±	6.80	-293.84	900.86	-522.26	-1869.56	423.91	127.15
232	5	22.41	15.35	4	6.80	-9326.06	430.14	1300.38	4258.44	366.00	-272.05
232	5	22.41	15.35	±	6.80	-366.47	990.28	-676.98	-2089.15	462.15	129.97
232	5	22.41	15.35	5	6.80	-9276.90	432.03	1204.88	4218.67	358.23	-291.51
232	5	22.41	15.35	±	6.80	3232.98	318.37	3469.27	7104.16	500.08	836.37
232	5	22.41	15.35	6	6.80	-9326.06	430.14	1300.38	4258.44	366.00	-272.05
232	5	22.41	15.35	±	6.80	3701.17	351.60	4161.22	7933.83	563.42	952.77
232	5	22.41	15.35	7	6.80	-9276.90	432.03	1204.88	4218.67	358.23	-291.51
232	5	22.41	15.35	±	6.80	2860.84	-230.09	3183.85	6960.11	184.15	628.26
232	5	22.41	15.35	8	6.80	-9326.06	430.14	1300.38	4258.44	366.00	-272.05
232	5	22.41	15.35	±	6.80	3291.70	-251.57	3846.69	7773.65	215.99	723.89
232	5	22.41	15.35	9	6.80	-8291.29	470.05	-710.04	3421.27	202.39	-681.90
232	5	22.41	15.35	±	6.80	1534.30	927.34	1473.68	2349.72	629.18	566.54
232	5	22.41	15.35	10	6.80	-8242.13	471.94	-805.54	3381.50	194.62	-701.38
232	5	22.41	15.35	±	6.80	1731.39	1020.28	1725.40	2623.10	695.98	632.97
232	5	22.41	15.35	11	6.80	-8291.29	470.05	-710.04	3421.27	202.39	-681.90
232	5	22.41	15.35	±	6.80	-293.84	900.86	-522.26	-1869.56	423.91	127.15
232	5	22.41	15.35	12	6.80	-8242.13	471.94	-805.54	3381.50	194.62	-701.38
232	5	22.41	15.35	±	6.80	-366.47	990.28	-676.98	-2089.15	462.15	129.97
232	5	22.41	15.35	13	6.80	-8291.29	470.05	-710.04	3421.27	202.39	-681.90
232	5	22.41	15.35	±	6.80	3232.98	318.37	3469.27	7104.16	500.08	836.37
232	5	22.41	15.35	14	6.80	-8242.13	471.94	-805.54	3381.50	194.62	-701.38
232	5	22.41	15.35	±	6.80	3701.17	351.60	4161.22	7933.83	563.42	952.77
232	5	22.41	15.35	15	6.80	-8291.29	470.05	-710.04	3421.27	202.39	-681.90
232	5	22.41	15.35	±	6.80	2860.84	-230.09	3183.85	6960.11	184.15	628.26
232	5	22.41	15.35	16	6.80	-8242.13	471.94	-805.54	3381.50	194.62	-701.38
232	5	22.41	15.35	±	6.80	3291.70	-251.57	3846.69	7773.65	215.99	723.89
232	5	22.41	15.35	17	6.80	-13133.00	713.41	195.81	6032.52	367.26	-764.52
232	5	22.41	15.35	18	6.80	-13000.90	532.88	284.71	6060.90	515.22	-691.63
232	5	22.41	15.35	19	6.80	-13447.40	621.14	336.42	7003.11	430.06	-741.96
232	5	22.41	15.35	20	6.80	-12686.50	625.15	144.10	5090.31	452.42	-714.19
232	5	22.41	15.35	21	6.80	-9634.58	517.18	100.20	4294.55	199.27	-536.12

232	5	22.41	15.35	22	6.80	-9502.55	336.66	189.10	4322.92	347.24	-463.23
232	5	22.41	15.35	23	6.80	-9949.03	424.91	240.81	5265.14	262.08	-513.56
232	5	22.41	15.35	24	6.80	-9188.10	428.92	48.49	3352.33	284.44	-485.79
232	5	22.41	15.35	25	6.80	-9006.87	535.57	180.06	3905.99	204.76	-526.24
232	5	22.41	15.35	26	6.80	-8874.83	355.05	268.95	3934.37	352.73	-453.35
232	5	22.41	15.35	27	6.80	-9321.32	443.31	320.67	4876.58	267.57	-503.68
232	5	22.41	15.35	28	6.80	-8560.39	447.32	128.34	2963.78	289.92	-475.91
232	5	22.41	15.35	29	6.80	-8850.11	541.30	202.97	3805.78	206.33	-523.16
232	5	22.41	15.35	30	6.80	-8718.08	360.78	291.87	3834.16	354.29	-450.26
232	5	22.41	15.35	31	6.80	-9164.56	449.04	343.58	4776.37	269.13	-500.59
232	5	22.41	15.35	32	6.80	-8403.63	453.05	151.26	2863.57	291.49	-472.83
232	6	22.41	15.35	1	6.80	-8442.81	432.03	1205.10	4717.05	145.28	-291.71
232	6	22.41	15.35	±	6.80	1461.49	927.34	1473.68	2493.91	1078.71	571.00
232	6	22.41	15.35	2	6.80	-8488.02	430.14	1300.60	4798.35	153.99	-272.22
232	6	22.41	15.35	±	6.80	1647.79	1020.28	1725.41	2810.33	1190.72	637.89
232	6	22.41	15.35	3	6.80	-8442.81	432.03	1205.10	4717.05	145.28	-291.71
232	6	22.41	15.35	±	6.80	-226.41	900.86	-522.26	-1902.35	875.31	131.07
232	6	22.41	15.35	4	6.80	-8488.02	430.14	1300.60	4798.35	153.99	-272.22
232	6	22.41	15.35	±	6.80	-288.90	990.28	-676.98	-2153.25	958.20	134.26
232	6	22.41	15.35	5	6.80	-8442.81	432.03	1205.10	4717.05	145.28	-291.71
232	6	22.41	15.35	±	6.80	2998.44	318.37	3469.28	7415.83	632.11	838.53
232	6	22.41	15.35	6	6.80	-8488.02	430.14	1300.60	4798.35	153.99	-272.22
232	6	22.41	15.35	±	6.80	3431.65	351.60	4161.24	8371.19	709.87	955.20
232	6	22.41	15.35	7	6.80	-8442.81	432.03	1205.10	4717.05	145.28	-291.71
232	6	22.41	15.35	±	6.80	2627.91	-230.09	3183.86	7238.37	45.90	627.91
232	6	22.41	15.35	8	6.80	-8488.02	430.14	1300.60	4798.35	153.99	-272.22
232	6	22.41	15.35	±	6.80	3023.98	-251.57	3846.71	8174.07	65.19	723.55
232	6	22.41	15.35	9	6.80	-7536.21	470.05	-709.83	3086.84	-29.29	-682.63
232	6	22.41	15.35	±	6.80	1461.49	927.34	1473.68	2493.91	1078.71	571.00
232	6	22.41	15.35	10	6.80	-7490.99	471.94	-805.33	3005.53	-38.00	-702.13
232	6	22.41	15.35	±	6.80	1647.79	1020.28	1725.41	2810.33	1190.72	637.89
232	6	22.41	15.35	11	6.80	-7536.21	470.05	-709.83	3086.84	-29.29	-682.63
232	6	22.41	15.35	±	6.80	-226.41	900.86	-522.26	-1902.35	875.31	131.07
232	6	22.41	15.35	12	6.80	-7490.99	471.94	-805.33	3005.53	-38.00	-702.13
232	6	22.41	15.35	±	6.80	-288.90	990.28	-676.98	-2153.25	958.20	134.26
232	6	22.41	15.35	13	6.80	-7536.21	470.05	-709.83	3086.84	-29.29	-682.63
232	6	22.41	15.35	±	6.80	2998.44	318.37	3469.28	7415.83	632.11	838.53
232	6	22.41	15.35	14	6.80	-7490.99	471.94	-805.33	3005.53	-38.00	-702.13
232	6	22.41	15.35	±	6.80	3431.65	351.60	4161.24	8371.19	709.87	955.20
232	6	22.41	15.35	15	6.80	-7536.21	470.05	-709.83	3086.84	-29.29	-682.63
232	6	22.41	15.35	±	6.80	2627.91	-230.09	3183.86	7238.37	45.90	627.91
232	6	22.41	15.35	16	6.80	-7490.99	471.94	-805.33	3005.53	-38.00	-702.13
232	6	22.41	15.35	±	6.80	3023.98	-251.57	3846.71	8174.07	65.19	723.55
232	6	22.41	15.35	17	6.80	-12087.70	713.41	196.14	6076.16	15.62	-765.46
232	6	22.41	15.35	18	6.80	-11955.60	532.88	285.04	6145.19	252.56	-691.62
232	6	22.41	15.35	19	6.80	-12373.00	621.14	336.76	7095.52	123.90	-742.45
232	6	22.41	15.35	20	6.80	-11670.40	625.15	144.42	5125.83	144.28	-714.63
232	6	22.41	15.35	21	6.80	-8837.79	517.18	100.42	4308.27	-55.64	-536.99
232	6	22.41	15.35	22	6.80	-8705.68	336.66	189.32	4377.30	181.30	-463.16
232	6	22.41	15.35	23	6.80	-9123.02	424.91	241.04	5327.63	52.64	-513.98
232	6	22.41	15.35	24	6.80	-8420.45	428.92	48.70	3357.94	73.02	-486.16
232	6	22.41	15.35	25	6.80	-8211.88	535.57	180.27	3956.99	-59.22	-527.16
232	6	22.41	15.35	26	6.80	-8079.76	355.05	269.17	4026.02	177.72	-453.32
232	6	22.41	15.35	27	6.80	-8497.11	443.31	320.89	4976.35	49.06	-504.15
232	6	22.41	15.35	28	6.80	-7794.53	447.32	128.55	3006.66	69.44	-476.33
232	6	22.41	15.35	29	6.80	-8055.57	541.30	203.19	3867.43	-60.47	-524.09
232	6	22.41	15.35	30	6.80	-7923.45	360.78	292.08	3936.46	176.46	-450.26
232	6	22.41	15.35	31	6.80	-8340.79	449.04	343.81	4886.79	47.80	-501.08
232	6	22.41	15.35	32	6.80	-7638.22	453.05	151.46	2917.10	68.19	-473.26
232	6	22.41	15.35	1	7.30	-8442.81	432.03	1205.10	4717.03	145.30	-291.71
232	6	22.41	15.35	±	7.30	1461.49	927.34	1473.68	2493.91	1078.71	571.01
232	6	22.41	15.35	2	7.30	-8488.02	430.14	1300.60	4798.34	154.01	-272.21
232	6	22.41	15.35	±	7.30	1647.79	1020.28	1725.41	2810.33	1190.72	637.89
232	6	22.41	15.35	3	7.30	-8442.81	432.03	1205.10	4717.03	145.30	-291.71
232	6	22.41	15.35	±	7.30	-226.41	900.86	-522.26	-1902.35	875.31	131.07
232	6	22.41	15.35	4	7.30	-8488.02	430.14	1300.60	4798.34	154.01	-272.21
232	6	22.41	15.35	±	7.30	-288.90	990.28	-676.98	-2153.24	958.20	134.26
232	6	22.41	15.35	5	7.30	-8442.81	432.03	1205.10	4717.03	145.30	-291.71
232	6	22.41	15.35	±	7.30	2998.44	318.37	3469.28	7415.83	632.11	838.54
232	6	22.41	15.35	6	7.30	-8488.02	430.14	1300.60	4798.34	154.01	-272.21
232	6	22.41	15.35	±	7.30	3431.65	351.60	4161.24	8371.19	709.86	955.20
232	6	22.41	15.35	7	7.30	-8442.81	432.03	1205.10	4717.03	145.30	-291.71
232	6	22.41	15.35	±	7.30	2627.91	-230.09	3183.86	7238.36	45.90	627.91
232	6	22.41	15.35	8	7.30	-8488.02	430.14	1300.60	4798.34	154.01	-272.21
232	6	22.41	15.35	±	7.30	3023.98	-251.57	3846.71	8174.06	65.19	723.56
232	6	22.41	15.35	9	7.30	-7536.21	470.05	-709.83	3086.82	-29.28	-682.63
232	6	22.41	15.35	±	7.30	1461.49	927.34	1473.68	2493.91	1078.71	571.01
232	6	22.41	15.35	10	7.30	-7490.99	471.94	-805.33	3005.52	-37.99	-702.13
232	6	22.41	15.35	±	7.30	1647.79	1020.28	1725.41	2810.33	1190.72	637.89
232	6	22.41	15.35	11	7.30	-7536.21	470.05	-709.83	3086.82	-29.28	-682.63
232	6	22.41	15.35	±	7.30	-226.41	900.86	-522.26	-1902.35	875.31	131.07
232	6	22.41	15.35	12	7.30	-7490.99	471.94	-805.33	3005.52	-37.99	-702.13

232	6	22.41	15.35	±	7.30	-288.90	990.28	-676.98	-2153.24	958.20	134.26
232	6	22.41	15.35	13	7.30	-7536.21	470.05	-709.83	3086.82	-29.28	-682.63
232	6	22.41	15.35	±	7.30	2998.44	318.37	3469.28	7415.83	632.11	838.54
232	6	22.41	15.35	14	7.30	-7490.99	471.94	-805.33	3005.52	-37.99	-702.13
232	6	22.41	15.35	±	7.30	3431.65	351.60	4161.24	8371.19	709.86	955.20
232	6	22.41	15.35	15	7.30	-7536.21	470.05	-709.83	3086.82	-29.28	-682.63
232	6	22.41	15.35	±	7.30	2627.91	-230.09	3183.86	7238.36	45.90	627.91
232	6	22.41	15.35	16	7.30	-7490.99	471.94	-805.33	3005.52	-37.99	-702.13
232	6	22.41	15.35	±	7.30	3023.98	-251.57	3846.71	8174.06	65.19	723.56
232	6	22.41	15.35	17	7.30	-12087.70	713.41	196.14	6076.13	15.65	-765.46
232	6	22.41	15.35	18	7.30	-11955.60	532.88	285.04	6145.17	252.58	-691.63
232	6	22.41	15.35	19	7.30	-12373.00	621.14	336.76	7095.50	123.93	-742.45
232	6	22.41	15.35	20	7.30	-11670.40	625.15	144.42	5125.80	144.31	-714.63
232	6	22.41	15.35	21	7.30	-8837.79	517.18	100.42	4308.25	-55.62	-536.99
232	6	22.41	15.35	22	7.30	-8705.68	336.66	189.32	4377.28	181.31	-463.16
232	6	22.41	15.35	23	7.30	-9123.02	424.91	241.04	5327.61	52.66	-513.98
232	6	22.41	15.35	24	7.30	-8420.45	428.92	48.70	3357.92	73.04	-486.17
232	6	22.41	15.35	25	7.30	-8211.88	535.57	180.27	3956.97	-59.20	-527.16
232	6	22.41	15.35	26	7.30	-8079.76	355.05	269.17	4026.01	177.74	-453.32
232	6	22.41	15.35	27	7.30	-8497.11	443.31	320.89	4976.34	49.08	-504.15
232	6	22.41	15.35	28	7.30	-7794.53	447.32	128.55	3006.65	69.46	-476.33
232	6	22.41	15.35	29	7.30	-8055.57	541.30	203.19	3867.41	-60.46	-524.09
232	6	22.41	15.35	30	7.30	-7923.45	360.78	292.08	3936.44	176.48	-450.26
232	6	22.41	15.35	31	7.30	-8340.79	449.04	343.81	4886.77	47.82	-501.08
232	6	22.41	15.35	32	7.30	-7638.22	453.05	151.46	2917.08	68.20	-473.26
232	7	22.41	15.35	1	7.30	-6329.93	432.03	1205.38	4031.36	-67.65	-284.90
232	7	22.41	15.35	±	7.30	582.59	927.34	1473.73	2046.18	1528.69	520.56
232	7	22.41	15.35	2	7.30	-6329.62	430.14	1300.88	4110.42	-58.01	-265.65
232	7	22.41	15.35	±	7.30	641.28	1020.28	1725.46	2317.12	1685.96	582.30
232	7	22.41	15.35	3	7.30	-6329.93	432.03	1205.38	4031.36	-67.65	-284.90
232	7	22.41	15.35	±	7.30	498.62	900.86	-522.27	-1268.75	1326.33	85.60
232	7	22.41	15.35	4	7.30	-6329.62	430.14	1300.88	4110.42	-58.01	-265.65
232	7	22.41	15.35	±	7.30	547.76	990.28	-677.00	-1458.80	1453.82	84.39
232	7	22.41	15.35	5	7.30	-6329.93	432.03	1205.38	4031.36	-67.65	-284.90
232	7	22.41	15.35	±	7.30	302.14	318.37	3469.39	5641.51	765.52	815.86
232	7	22.41	15.35	6	7.30	-6329.62	430.14	1300.88	4110.42	-58.01	-265.65
232	7	22.41	15.35	±	7.30	334.22	351.60	4161.36	6421.94	857.88	929.85
232	7	22.41	15.35	7	7.30	-6329.93	432.03	1205.38	4031.36	-67.65	-284.90
232	7	22.41	15.35	±	7.30	-22.22	-230.09	3183.95	5408.28	-90.98	634.01
232	7	22.41	15.35	8	7.30	-6329.62	430.14	1300.88	4110.42	-58.01	-265.65
232	7	22.41	15.35	±	7.30	-22.49	-251.57	3846.82	6164.45	-84.06	729.85
232	7	22.41	15.35	9	7.30	-6336.22	470.05	-709.61	2446.18	-260.96	-670.82
232	7	22.41	15.35	±	7.30	582.59	927.34	1473.73	2046.18	1528.69	520.56
232	7	22.41	15.35	10	7.30	-6336.53	471.94	-805.12	2367.12	-270.60	-690.07
232	7	22.41	15.35	±	7.30	641.28	1020.28	1725.46	2317.12	1685.96	582.30
232	7	22.41	15.35	11	7.30	-6336.22	470.05	-709.61	2446.18	-260.96	-670.82
232	7	22.41	15.35	±	7.30	498.62	900.86	-522.27	-1268.75	1326.33	85.60
232	7	22.41	15.35	12	7.30	-6336.53	471.94	-805.12	2367.12	-270.60	-690.07
232	7	22.41	15.35	±	7.30	547.76	990.28	-677.00	-1458.80	1453.82	84.39
232	7	22.41	15.35	13	7.30	-6336.22	470.05	-709.61	2446.18	-260.96	-670.82
232	7	22.41	15.35	±	7.30	302.14	318.37	3469.39	5641.51	765.52	815.86
232	7	22.41	15.35	14	7.30	-6336.53	471.94	-805.12	2367.12	-270.60	-690.07
232	7	22.41	15.35	±	7.30	334.22	351.60	4161.36	6421.94	857.88	929.85
232	7	22.41	15.35	15	7.30	-6336.22	470.05	-709.61	2446.18	-260.96	-670.82
232	7	22.41	15.35	±	7.30	-22.22	-230.09	3183.95	5408.28	-90.98	634.01
232	7	22.41	15.35	16	7.30	-6336.53	471.94	-805.12	2367.12	-270.60	-690.07
232	7	22.41	15.35	±	7.30	-22.49	-251.57	3846.82	6164.45	-84.06	729.85
232	7	22.41	15.35	17	7.30	-9748.67	713.41	196.52	5012.51	-335.98	-748.74
232	7	22.41	15.35	18	7.30	-9627.25	532.88	285.42	5107.93	-10.07	-685.73
232	7	22.41	15.35	19	7.30	-9704.16	621.14	337.16	5783.07	-182.23	-730.89
232	7	22.41	15.35	20	7.30	-9671.76	625.15	144.78	4337.37	-163.82	-703.58
232	7	22.41	15.35	21	7.30	-7125.30	517.18	100.68	3546.77	-310.53	-523.08
232	7	22.41	15.35	22	7.30	-7003.88	336.66	189.58	3642.19	15.37	-460.06
232	7	22.41	15.35	23	7.30	-7080.79	424.91	241.32	4317.33	-156.78	-505.23
232	7	22.41	15.35	24	7.30	-7048.40	428.92	48.93	2871.63	-138.38	-477.91
232	7	22.41	15.35	25	7.30	-6540.28	535.57	180.52	3262.90	-323.18	-512.63
232	7	22.41	15.35	26	7.30	-6418.86	355.05	269.42	3358.32	2.73	-449.62
232	7	22.41	15.35	27	7.30	-6495.77	443.31	321.17	4033.46	-169.43	-494.78
232	7	22.41	15.35	28	7.30	-6463.37	447.32	128.78	2587.76	-151.02	-467.46
232	7	22.41	15.35	29	7.30	-6393.79	541.30	203.43	3191.06	-327.26	-509.37
232	7	22.41	15.35	30	7.30	-6272.36	360.78	292.33	3286.48	-1.35	-446.36
232	7	22.41	15.35	31	7.30	-6349.27	449.04	344.07	3961.62	-173.51	-491.52
232	7	22.41	15.35	32	7.30	-6316.88	453.05	151.69	2515.92	-155.10	-464.20
232	7	22.41	15.35	1	7.79	-6329.93	432.03	1205.38	4031.35	-67.64	-284.90
232	7	22.41	15.35	±	7.79	582.59	927.34	1473.73	2046.18	1528.69	520.56
232	7	22.41	15.35	2	7.79	-6329.62	430.14	1300.88	4110.41	-57.99	-265.65
232	7	22.41	15.35	±	7.79	641.28	1020.28	1725.46	2317.12	1685.96	582.30
232	7	22.41	15.35	3	7.79	-6329.93	432.03	1205.38	4031.35	-67.64	-284.90
232	7	22.41	15.35	±	7.79	498.62	900.86	-522.27	-1268.75	1326.33	85.60
232	7	22.41	15.35	4	7.79	-6329.62	430.14	1300.88	4110.41	-57.99	-265.65
232	7	22.41	15.35	±	7.79	547.76	990.28	-677.00	-1458.80	1453.82	84.39
232	7	22.41	15.35	5	7.79	-6329.93	432.03	1205.38	4031.35	-67.64	-284.90

232	7	22.41	15.35	±	7.79	302.14	318.37	3469.39	5641.51	765.52	815.86
232	7	22.41	15.35	6	7.79	-6329.62	430.14	1300.88	4110.41	-57.99	-265.65
232	7	22.41	15.35	±	7.79	334.22	351.60	4161.36	6421.94	857.88	929.86
232	7	22.41	15.35	7	7.79	-6329.93	432.03	1205.38	4031.35	-67.64	-284.90
232	7	22.41	15.35	±	7.79	-22.22	-230.09	3183.95	5408.28	-90.98	634.01
232	7	22.41	15.35	8	7.79	-6329.62	430.14	1300.88	4110.41	-57.99	-265.65
232	7	22.41	15.35	±	7.79	-22.49	-251.57	3846.82	6164.45	-84.06	729.85
232	7	22.41	15.35	9	7.79	-6336.22	470.05	-709.61	2446.17	-260.95	-670.83
232	7	22.41	15.35	±	7.79	582.59	927.34	1473.73	2046.18	1528.69	520.56
232	7	22.41	15.35	10	7.79	-6336.53	471.94	-805.12	2367.11	-270.59	-690.07
232	7	22.41	15.35	±	7.79	641.28	1020.28	1725.46	2317.12	1685.96	582.30
232	7	22.41	15.35	11	7.79	-6336.22	470.05	-709.61	2446.17	-260.95	-670.83
232	7	22.41	15.35	±	7.79	498.62	900.86	-522.27	-1268.75	1326.33	85.60
232	7	22.41	15.35	12	7.79	-6336.53	471.94	-805.12	2367.11	-270.59	-690.07
232	7	22.41	15.35	±	7.79	547.76	990.28	-677.00	-1458.80	1453.82	84.39
232	7	22.41	15.35	13	7.79	-6336.22	470.05	-709.61	2446.17	-260.95	-670.83
232	7	22.41	15.35	±	7.79	302.14	318.37	3469.39	5641.51	765.52	815.86
232	7	22.41	15.35	14	7.79	-6336.53	471.94	-805.12	2367.11	-270.59	-690.07
232	7	22.41	15.35	±	7.79	334.22	351.60	4161.36	6421.94	857.88	929.86
232	7	22.41	15.35	15	7.79	-6336.22	470.05	-709.61	2446.17	-260.95	-670.83
232	7	22.41	15.35	±	7.79	-22.22	-230.09	3183.95	5408.28	-90.98	634.01
232	7	22.41	15.35	16	7.79	-6336.53	471.94	-805.12	2367.11	-270.59	-690.07
232	7	22.41	15.35	±	7.79	-22.49	-251.57	3846.82	6164.45	-84.06	729.85
232	7	22.41	15.35	17	7.79	-9748.67	713.41	196.52	5012.49	-335.96	-748.74
232	7	22.41	15.35	18	7.79	-9627.25	532.88	285.42	5107.91	-10.05	-685.73
232	7	22.41	15.35	19	7.79	-9704.16	621.14	337.16	5783.05	-182.21	-730.89
232	7	22.41	15.35	20	7.79	-9671.76	625.15	144.78	4337.35	-163.81	-703.58
232	7	22.41	15.35	21	7.79	-7125.30	517.18	100.68	3546.76	-310.52	-523.08
232	7	22.41	15.35	22	7.79	-7003.88	336.66	189.58	3642.17	15.39	-460.06
232	7	22.41	15.35	23	7.79	-7080.79	424.91	241.32	4317.31	-156.77	-505.23
232	7	22.41	15.35	24	7.79	-7048.40	428.92	48.93	2871.62	-138.36	-477.91
232	7	22.41	15.35	25	7.79	-6540.28	535.57	180.52	3262.89	-323.16	-512.63
232	7	22.41	15.35	26	7.79	-6418.86	355.05	269.42	3358.30	2.74	-449.62
232	7	22.41	15.35	27	7.79	-6495.77	443.31	321.17	4033.45	-169.41	-494.78
232	7	22.41	15.35	28	7.79	-6463.37	447.32	128.78	2587.75	-151.01	-467.46
232	7	22.41	15.35	29	7.79	-6393.79	541.30	203.43	3191.05	-327.25	-509.37
232	7	22.41	15.35	30	7.79	-6272.36	360.78	292.33	3286.47	-1.34	-446.36
232	7	22.41	15.35	31	7.79	-6349.27	449.04	344.07	3961.61	-173.49	-491.52
232	7	22.41	15.35	32	7.79	-6316.88	453.05	151.69	2515.91	-155.09	-464.20

Criteri di progetto utilizzati

Pilastri in c.a.

Generali

Parametri di progetto

Pilastro prefabbricato	No	
Progettazione dell'armatura con sollecitazioni più gravose	Si	
Disaccoppia sovraresistenza	No	
Limita fattore di sovraresistenza al massimo valore di struttura	No	
Tipo verifica di stabilità		
-Per N*Ω-M e per N-c*M (standard)	Si	
-Per N*Ω-c*M (doppia)	No	
-Per N*Ω (sforzo normale e momento nullo)	No	
-Per c*M (momento e sforzo normale nullo)	No	
Max angolo di piegatura ferri <grad>		20.00
Progettazione armatura di ripresa	Si	
Minimizzazione armatura di ripresa	No	
Minimizzazione area di ferro totale nella sezione	No	
Non progettare riprese ma estendi solo i ferri	Si	
Verifiche in relazione	Minimizzate	

Ancoraggi

Lunghezza ancoraggi		
-Lunghezza imposta come multiplo del diametro		40.00
Ancoraggi tutti uguali	Si	
Piegatura ancoraggi per discontinuità	Si	
Piegatura ancoraggi ferri di ripresa	Si	

Armatura a taglio

Staffatura a spirale pilastri circolari	Si	
Cambiare le staffe nei nodi appartenenti all'impalcato 0 se sul nodo incidono elementi	Si	
Zone critiche e relative limitazioni del D.M. 08	Interpretazione della normativa Italiana	
Considera solo la zona critica alla base della pilastrata (strutture pendolari)	No	

Interpretazione di Ast e bst della formula 7.4.28 del D.M. 08	Considera tutti i bracci della staffa esterna (bst= dimensione max della staffa)
Progetta a taglio con traliccio ad inclinazione variabile	Si
-Classe A	
-In zona critica limita ctg θ a	1.00
-In zona non critica limita ctg θ a	2.50
-Classe B	
-In zona critica limita ctg θ a	2.50
-In zona non critica limita ctg θ a	2.50
Verifiche a taglio per edifici esistenti come per edifici nuovi	Si
Estendi nel nodo staffe sottostanti anche se non richiesto dalla normativa	No

Prefabbricati

Parametri di disegno

Scala disegno sezioni pilastri	25.00
Scala disegno viste pilastri	50.00
Creazione tabelle pilastri	Si
-Tipo di tabella	Armature disposte dal basso verso l'alto
-Max lunghezza tavole <cm>	70.00
-Max altezza tavole <cm>	50.00
Creazione viste pilastri	
-Disegno ferri dentro pilastro in vista	Si
-Disegno staffe dentro pilastro in vista	Si
-Modalità di individuazione ferri	
-Modalità di indicazione ferri	Mediante una tabella
-Minimizzazione riferimenti	Si
-Modalità di individuazione ferri	Per posizione
-Modalità di indicazione ferri	Mediante una tabella
-Minimizzazione riferimenti	Si

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Specifici

Materiali

-Considera come elemento esistente	No
-Calcestruzzo	
-Livello di conoscenza	LC2
-Fattore di confidenza	1.20
-Tipo di calcestruzzo	C32/40
-Rck calcestruzzo	400.00
-Modulo elastico <daN/cmq>	336428.00
-Resistenza caratteristica cilindrica (Fck)	332.00
-Resistenza caratteristica a trazione (Fctk)	21.69
-Resistenza media (Fcm) <daN/cmq>	412.00
-Resistenza media a trazione (Fctm) <daN/cmq>	30.99
-σ amm. calcestruzzo <daN/cmq>	122.50
-τc0 <daN/cmq>	7.30
-τc1 <daN/cmq>	21.10
-Riduci Fcd per tutte le verifiche secondo il D.M. 08	Si
-γ_c per stati limite ultimi	
-Automatico	x
-Pari a	
-Acciaio	
-Livello di conoscenza	LC2
-Fattore di confidenza	1.20
-Tipo di acciaio	B450C
-Modulo elastico <daN/cmq>	2060000.00
-Tensione caratteristica di snervamento (Fyk) <daN/cmq>	4500.00
-Tensione media di snervamento (Fym) <daN/cmq>	4500.00
-Sigma amm. acciaio <daN/cmq>	2600.00
-Sigma amm. reti e tralicci <daN/cmq>	2600.00
-Allungamento per verifiche di duttilità (Agt) <%>	4.00
-γ_s per stati limite ultimi	
-Automatico	x
-Pari a	
-Coeff. di omogeneizzazione	15.00

Parametri per analisi pushover

Numero fibre	200.00
Fattore di confinamento nucleo interno	1.00
Fattore di incrudimento acciaio <%>	0.10

Parametri per verifiche di duttilità

Considera formulazione per pareti	No
Considera rotazione massima di esercizio per determinare SLO e SLD	No
Modalità di calcolo luce di taglio Lv	
-Lv=L/2	x

-Lv=M/V	
-Lv=Punto di nullo del momento flettente	
Capacità di rotazione alla corda al collasso	
-Formula C8A.6.1 con fattore di riduzione pari a	
-Formula C8A.6.5	x
Sforzo normale di verifica per analisi pushover	
-Gravitazionale	
-Dal calcolo	x

Parametri di calcolo

Strategia di progetto	RETTANG
Copriferro reale al bordo staffa <cm>	2.00
Diametro staffa teorica <mm>	9.00
Continuità dei ferri nei nodi appartenenti all'impalcato 0	Si
Coeff. β in direzione Z locale	1.00
Coeff. β in direzione Y locale	1.00
Armatura secondo Circ. 65 del 10/04/97	No
-Raffittimento staffe in testa e al piede del pilastro	No
-Passo <cm>	
Parametri di progetto secondo il D.M. 08	
Non progettare in gerarchia delle resistenze	No
Non effettuare verifiche per CC sismiche (elemento secondario)	No
Rispetta i disposti del punto 7.4.4.2.2.1 solo per stati limite sismici	No
Incremento percentuale per piano debole	No
Non effettuare verifiche dei nodi fra trave e pilastro	Si
Verifiche a pressoflessione deviata	Si
Per calcoli secondo il D.M. 08 usa espressione 4.1.10 con esponente	No

Verifiche a taglio

Verifiche a taglio per sezioni circolari	
-Usa formulazione sezioni generiche	
-Considera rettangolo inscritto con B/H pari a	1.00
Verifiche a taglio per sezioni generiche	
-Considera Vrdu minimo	
-Considera Vrdu calcolato in corrispondenza di bw minimo	
-Considera Vrdu in corrispondenza di bw medio	x
-Considera Vrdu in corrispondenza di bw massimo	
-Considera sempre Af Staffe non proiettata in direzione del taglio	Si

Armatura a pressoflessione

Elenco diametri ferri longitudinali 1 <mm>	20
Elenco diametri ferri longitudinali 2 <mm>	22
Elenco diametri ferri longitudinali 3 <mm>	24
Elenco diametri ferri longitudinali 4 <mm>	
Elenco diametri ferri longitudinali 5 <mm>	
Elenco diametri ferri longitudinali 6 <mm>	
Elenco diametri ferri longitudinali 7 <mm>	
Max distanza fra i ferri su un lato <cm>	25.00
Min. interferro ammissibile <cm>	7.00
Distanza fra i ferri di spigolo <cm>	3.00
Min. numero ferri per pilastri circolari	8.00
Reggistaffe aggiuntivi sezioni non rettangolari	Si
Fattore di riduzione τc0 per ancoraggio ferri	1.00

Armatura a taglio

Elenco diametri staffe 1 <mm>	6
Elenco diametri staffe 2 <mm>	8
Elenco diametri staffe 3 <mm>	
Elenco diametri staffe 4 <mm>	
Elenco diametri staffe 5 <mm>	
Elenco diametri staffe 6 <mm>	
Elenco diametri staffe 7 <mm>	
Mantieni diametro costante nell'interpiano	
Passi staffe	4.00
-Minimo <cm>	Si
-Massimo <cm>	30.00
-Incremento <cm>	2.00
Tipo di minimizzazione staffatura	
-Minimizza il numero delle staffe	
-Minimizza il peso delle staffe	x
Max distanza fra ferri non collegati <cm>	20.00
Max numero ferri non collegati	1.00
Collegamento ferri con staffe anziché con spilli	Si
Ferri orizzontali pareti realizzati con staffe	No

Quote di alleggerimento armature pilastri prefabbricati

Quota di alleggerimento n. 1 <m>	0.00
Quota di alleggerimento n. 2 <m>	0.00
Quota di alleggerimento n. 3 <m>	0.00
Quota di alleggerimento n. 4 <m>	0.00

Quota di alleggerimento n. 5 <m>	0.00
Quota di alleggerimento n. 6 <m>	0.00
Quota di alleggerimento n. 7 <m>	0.00

Dati per progettazione interattiva sezioni

Distanza fra ferri su più strati <cm>	1.00
Integrare lo scorrimento lungo il tratto	Si
-Lunghezza del tratto <m>	1.00

Dati per progettazione agli stati limite

Gruppo di esigenza	
-Ambiente poco aggressivo	x
-Ambiente moderatamente aggressivo	
-Ambiente molto aggressivo	
Usa dominio N-M per flessioni rette	No
-Ricerca della sicurezza con sforzo normale costante	
-Ricerca della sicurezza con eccentricità costante	
Controllo rapporto X/D	No
Barre da considerare tese per verifiche a taglio	
-Solo le barre con deformazione percentuale rispetto alla barra più tesa non inferiore al <%>	30.00
-Tutte le barre in trazione	

Dati per verifiche di resistenza al fuoco

-Tempo di verifica (REI) <minuti>	120.00
Dimensione MESH <cm>	2.00
-Passo di calcolo <secondi>	10.00
-Temperatura ambiente <C°>	20.00
-Coeff. di convezione a temperatura ambiente <W/mq K>	9.00
Calcestruzzo	
-Tipo di aggregati	SILICEI
Massa volumica a secco <daN/mc>	2300.00
-Umidità iniziale <%>	3.00
-Fattore di interpolazione conducibilità	0.50

Dati per verifiche FRP

Rinforzo longitudinale	
Tipo di fibra/resina	
-Vetro/Epossidica	
-Arammidica/Epossidica	
-Carbonio/Epossidica	x
Resistenza caratteristica(f_{fk}) <daN/cmq>	49000.00
Modulo elastico(E_c) <daN/cmq>	2500000.00
Deformazione caratteristica a rottura per trazione(ε_{fk}) <%>	2.00
Spessore equivalente(t_f) <mm>	0.17
Sistemi di rinforzo	
-Preformati	
-Impregnati in situ	x
Rinforzo trasversale	
Tipo di fibra/resina	
-Vetro/Epossidica	
-Arammidica/Epossidica	
-Carbonio/Epossidica	x
Resistenza caratteristica(f_{fk}) <daN/cmq>	49000.00
Modulo elastico(E_c) <daN/cmq>	2500000.00
Deformazione caratteristica a rottura per trazione(ε_{fk}) <%>	2.00
Spessore equivalente(t_f) <mm>	0.17
Sistemi di rinforzo	
-Preformati	
-Impregnati in situ	x
Trascura resistenza a taglio dei rinforzi	No
Modalità di carico	
-Lungo termine	x
-Ciclico	
Coeff. parziale di sicurezza per SLU di distacco(γ_{fd})	1.50
Fattore di conversione ambientale(η_a)	0.95
Raggio di arrotondamento spigoli(r_c) <cm>	2.00
Coeff. condizione di carico(K_q)	1.25

Travi in c.a.

Generali

Parametri di progetto

Passo di progettazione <m>		0.30
Tipo di sollecitazioni zone rigide	Costanti	
Min. angolo per spinte a vuoto <grad>		10.00
Invertire i ferri anche in presenza di pilastro sottostante	Si	
Max differenza larghezza travi continue <cm>		5.00

Progetta a taglio con traliccio ad inclinazione variabile	Si	
-Classe A		
-In zona critica limita ctg θ a		1.00
-In zona non critica limita ctg θ a		2.50
-Classe B		
-In zona critica limita ctg θ a		2.50
-In zona non critica limita ctg θ a		2.50
Verifiche a taglio per edifici esistenti come per edifici nuovi	Si	

Lunghezze e arrotondamenti

Max lunghezza barre <m>		12.00
Arrotondamento lunghezza ferri <cm>		50.00
Lunghezza ferri nei muri d'estremità <m>		1.20
Min. interferro ammissibile <cm>		2.00
Elenco diametri minimizzazione interferri <mm>	16 20 24	
Riduzione ancoraggi		
-Nella zona compressa per flessione	No	
-Nei punti inferiori della travata	Si	
Considerare nel calcolo degli ancoraggi i risvolti specificati nei criteri generali di disegno	Si	
Considera indicazione formula 4.1.22 come aggiuntive all'ancoraggio	Si	

Reggistaffe

Interruzione reggistaffe in campata	No
Modalità di sovrapposizione reggistaffe	Per garantire la copertura del momento negativo
Modalità di unificazione reggistaffe	Solo se la geometria della travata e la lunghezza totale delle barre lo consentono

Minimi di regolamento

Min. percentuale di regolamento	
-Per le travi di fondazione	No
-Per le travi di elevazione	Si
Per le travi di fondazione ai sensi del D.M. 08 considerare 0.2% anzichè 1.4/fyk	Si
Min. di armatura a taglio	
-Per le travi di fondazione	Si
-Per le travi di elevazione	Si
Tipo di armatura per taglio (T.A.)	Mista
Controllo passo e 12Fi	Si
Min. di regolamento a torsione nell'ala	No
Min. di regolamento nell'ala	No

Stampe

Verifiche a flessione in relazione	Minimizzate
Verifiche a taglio in relazione	Max scorrimento per taglio e torsione

Parametri di disegno

Scala disegno travi		50.00
Scala disegno sezioni		25.00
Campitura sezioni	Fitta	
Disegno sezione travi in falso	Si	
Disegna sezioni	Si	
Campitura travi in falso	Fitta	
Campitura muri	Rada	
Tipo di quotatura luci nette trave	Con riferimento ai pilastri superiori	
Lunghezza monconi di pilastro	Minimizzata	
Linee di riferimento quote	Si	
Quotatura zone di staffatura	No	
Quotatura zone di staffatura	No	
Indicazione numero bracci staffe	Solo se il numero è maggiore di due	

Disegno ferri longitudinali

Disegno ferri dentro la trave	Si	
Disegno esploso ferri di parete	No	
Distanza fra ferri esplosi <cm>		0.10
Disegno reggistaffe aggiuntivi per travi a T e L	Reggistaffe aggiuntivi tipo 3	

Disegno staffe

Posizione staffe esterne	In automatico
Disegno staffe dentro la sezione	Si

	1	**2**	**3**
Specifici			
Materiali			
-Considera come elemento esistente	No	No	No
-Calcestruzzo			

-Livello di conoscenza	LC2	LC2	LC2
-Fattore di confidenza	1.20	1.20	1.20
-Tipo di calcestruzzo	C28/35	C28/35	C28/35
-Rck calcestruzzo	350.00	350.00	350.00
-Modulo elastico <daN/cmq>	325881.00	325881.00	325881.00
-Resistenza caratteristica cilindrica (Fck)	290.50	290.50	290.50
-Resistenza caratteristica a trazione (Fctk)	19.84	19.84	19.84
-Resistenza media (Fcm) <daN/cmq>	370.50	370.50	370.50
-Resistenza media a trazione (Fctm) <daN/cmq>	28.35	28.35	28.35
-σ amm. calcestruzzo <daN/cmq>	110.00	110.00	110.00
-τc0 <daN/cmq>	6.70	6.70	6.70
-τc1 <daN/cmq>	19.70	19.70	19.70
-Riduci Fcd per tutte le verifiche secondo il D.M. 08	Si	Si	Si
-γ_c per stati limite ultimi			
-Automatico	x	x	x
-Pari a			
-Acciaio			
-Livello di conoscenza	LC2	LC2	LC2
-Fattore di confidenza	1.20	1.20	1.20
-Tipo di acciaio	B450C	B450C	B450C
-Modulo elastico <daN/cmq>	2060000.00	2060000.00	2060000.00
-Tensione caratteristica di snervamento (Fyk) <daN/cmq>	4500.00	4500.00	4500.00
-Tensione media di snervamento (Fym) <daN/cmq>	4500.00	4500.00	4500.00
-Sigma amm. acciaio <daN/cmq>	2600.00	2600.00	2600.00
-Sigma amm. reti e tralicci <daN/cmq>	2600.00	2600.00	2600.00
-Allungamento per verifiche di duttilità (Agt) <%>	4.00	4.00	4.00
-γ_s per stati limite ultimi			
-Automatico	x	x	x
-Pari a			
-Coeff. di omogeneizzazione	15.00	15.00	15.00
Parametri per analisi pushover			
Numero fibre	200.00	200.00	200.00
Fattore di confinamento nucleo interno	1.00	1.00	1.00
Fattore di incrudimento acciaio <%>	0.10	0.10	0.10
Parametri per verifiche di duttilità			
Considera rotazione massima di esercizio per determinare SLO e SLD	No	No	No
Modalità di calcolo luce di taglio Lv			
-Lv=L/2	x	x	x
-Lv=M/V			
-Lv=Punto di nullo del momento flettente			
Capacità di rotazione alla corda al collasso			
-Formula C8A.6.1 con fattore di riduzione pari a			
-Formula C8A.6.5	x	x	x
Sforzo normale di verifica per analisi pushover			
-Gravitazionale			
-Dal calcolo	x	x	x
Parametri di calcolo			
Progetto a pressoflessione	Si	Si	Si
-Per tutte le travi			
-Solo per travi inclinate	x	x	x
-Min. angolo per pressoflessione <grad>	10.00	10.00	10.00
-Compressione massima senza progetto a pressoflessione <%>	10.00	10.00	10.00
Progetto a torsione	No	No	No
-Trazione senza progetto a torsione<%>			
Armatura secondo Circ. 65 del 10/04/97	No	No	No
Non progettare in gerarchia delle resistenze	Si	Si	Si
Non effettuare verifiche per CC sismiche (elemento secondario)	No	Si	No
Escludi dal calcolo sovraresistenza per pilastri incidenti	No	Si	Si
Rispetta limitazioni geometriche e d'armatura per zone sismiche	Si	Si	Si
Sollecitazioni complanari ad eventuali elementi bidimensionali	No	No	No
Copriferro teorico superiore <cm>	3.50	3.50	3.50
Copriferro teorico inferiore <cm>	3.50	3.50	3.50
Min. momento fittizio agli appoggi	No	No	No
-Denominatore			
Min. momento fittizio in campata	No	No	No
-Denominatore			
Incremento percentuale momento in campata <%>	10.00	10.00	10.00
Usa taglio max per traslazione momento (S.L.)	Si	Si	Si
Limitare momento traslato al valore max di appoggio (S.L.)	No	No	No
Limitare momento traslato al valore max di campata (S.L.)	No	No	No
Taglio da momento resistente in fondazione (S.L.)	No	No	No
Tipo di progetto in doppia armatura (T.A.)			
-Tensioni pari ai valori amm.			
-Tensioni pari ai valori amm. con AfComp/AfTesa minore o pari a	1.00	1.00	1.00
-Con AfComp/AfTesa pari a			
Parametri di progettazione armatura			

Max differenza fra diametri per unificazioni	2.00	2.00	2.00
Max distanza fra barre per unificazioni <m>	1.00	1.00	1.00
Denominatore per individuazione zona di campata	32.00	32.00	32.00
Fattore di copertura appoggi (0÷1)	0.00	0.00	0.00
Fattore di riduzione per ancoraggio ferri	1.00	1.00	1.00
Minimizzazione momenti resistenti di appoggio (stati limite D.M. 08)	Si	Si	Si
-Arretramento reggistaffe dall'appoggio <m>	2.00	2.00	2.00
-Tolleranza di copertura da sovrapposizione <%>	10.00	10.00	10.00
Tipo di distribuzione armatura eccedente in fase di verifica			
-Ripartita proporzionalmente per flessione, torsione e taglio	x	x	x
-Tutta agente per flessione			
-Tutta agente per taglio			

Armatura a flessione

Elenco diametri ferri longitudinali 1 <mm>	16	16	16
Elenco diametri ferri longitudinali 2 <mm>	20	20	20
Elenco diametri ferri longitudinali 3 <mm>	24	24	24
Elenco diametri ferri longitudinali 4 <mm>			
Elenco diametri ferri longitudinali 5 <mm>			
Elenco diametri ferri longitudinali 6 <mm>			
Elenco diametri ferri longitudinali 7 <mm>			
Max differenza fra diametri nella trave	8.00	8.00	8.00
Max differenza fra diametri ferri accoppiati	4.00	4.00	4.00
Reggistaffe superiori			
-Numero			
-Pari a	2.00	2.00	2.00
-Max mutua distanza <cm>			
-Diametro			
-Automatico	x	x	x
-Pari a <mm>			
-Minimo <mm>			
Reggistaffe inferiori			
-Numero			
-Pari a	2.00	2.00	2.00
-Max mutua distanza <cm>			
-Diametro			
-Automatico	x	x	x
-Pari a <mm>			
-Minimo <mm>			

Armatura a taglio

Scorrimento (T.A.)			
-Percentuale assorbita dalle staffe <%>	100.00	100.00	100.00
-Percentuale assorbita dai ferri piegati <%>	0.00	0.00	0.00
-Percentuale assorbita dai ferri di parete <%>	0	0	0
-Considerare il valore relativo alle staffe come minimo percentuale da adottare	No	No	No
Variabilità staffe			
-Staffe uguali a passo costante			
-Staffe diverse in tre parti della trave in funzione delle zone critiche	x	x	x
-Staffe diverse in tre parti della trave in funzione di un multiplo dell'altezza pari a			
Variabilità staffe ala			
-Passi uguali a passi anima	x	x	x
-Passi multipli di passi anima			
-Passi indipendenti da passi anima			
Min. lunghezza tratto centrale come multiplo dell'altezza della trave	1.10	1.10	1.10
Elenco diametri staffe 1 <mm>	10	10	10
Elenco diametri staffe 2 <mm>			
Elenco diametri staffe 3 <mm>			
Elenco diametri staffe 4 <mm>			
Elenco diametri staffe 5 <mm>			
Elenco diametri staffe 6 <mm>			
Elenco diametri staffe 7 <mm>			
Elenco numero bracci staffe 1	2	2	2
Elenco numero bracci staffe 2	4	4	4
Elenco numero bracci staffe 3			
Elenco numero bracci staffe 4			
Elenco numero bracci staffe 5			
Passi staffe			
-Minimo <cm>	4.00	4.00	4.00
-Massimo <cm>	32.00	32.00	32.00
-Incremento <cm>	4.00	4.00	4.00
Elementi costanti			
-Diametro	Si	Si	Si
-Passo	No	No	No
-Bracci	Si	Si	Si
Tipo di minimizzazione staffatura			
-Minimizza il numero delle staffe	x	x	x
-Minimizza il peso delle staffe			
Raffittimento staffe all'estremità della trave	No	No	No
-Passo non superiore a			

Lunghezza max del tratto di calcolo scorrimento				
-Pari al tratto in cui τ > τc0	x	x	x	
-Pari a <cm>				
-Come multiplo dell'altezza pari a				
Armatura a taglio e torsione				
Elenco diametri ferri piegati 1 <mm>	12	12	12	
Elenco diametri ferri piegati 2 <mm>				
Elenco diametri ferri piegati 3 <mm>				
Elenco diametri ferri piegati 4 <mm>				
Elenco diametri ferri piegati 5 <mm>				
Elenco diametri ferri piegati 6 <mm>				
Elenco diametri ferri piegati 7 <mm>				
Angolo di piegatura <grad>		45.00	45.00	45.00
Posizione primo punto di piegatura				
-Pari al multiplo dell'altezza				
-Distanza <cm>		5.00	5.00	5.00
Interasse punti di piegatura				
-Pari al multiplo dell'altezza				
-Distanza <cm>		25.00	25.00	25.00
Tipo di ferri piegati				
-Solo sagomati				
-Solo cavallotti				
-Sia sagomati che cavallotti	x	x	x	
Ferri di parete	Si	Si	Si	
-Max distanza fra le barre <cm>		30.00	30.00	30.00
Elenco diametri ferri di parete 1 <mm>	12	12	12	
Elenco diametri ferri di parete 2 <mm>				
Elenco diametri ferri di parete 3 <mm>				
Elenco diametri ferri di parete 4 <mm>				
Elenco diametri ferri di parete 5 <mm>				
Elenco diametri ferri di parete 6 <mm>				
Elenco diametri ferri di parete 7 <mm>				
Elenco diametri staffe orizzontali 1 <mm>	10	10	10	
Elenco diametri staffe orizzontali 2 <mm>				
Elenco diametri staffe orizzontali 3 <mm>				
Elenco diametri staffe orizzontali 4 <mm>				
Elenco diametri staffe orizzontali 5 <mm>				
Elenco diametri staffe orizzontali 6 <mm>				
Elenco diametri staffe orizzontali 7 <mm>				
Parametri di disegno				
Risvolto ferri superiori	Si	Si	Si	
-Pari a <cm>		25.00	25.00	25.00
-Pari all'altezza della trave				
Risvolto ferri inferiori	Si	Si	Si	
-Pari a <cm>				
-Pari all'altezza della trave	x	x	x	
Risvolto ferri laterali	Si	Si	Si	
-Pari a <cm>		10.00	10.00	10.00
-Pari alla larghezza della trave				
Magrone	No	No	No	
-Allargamento laterale <cm>				
-Altezza <cm>				
Dati per progettazione interattiva sezioni				
Copriferro reale al bordo staffa <cm>		3.00	3.00	3.00
Diametro staffa teorica <mm>		8.00	8.00	8.00
Distanza fra ferri su più strati <cm>		1.00	1.00	1.00
Integrare lo scorrimento lungo il tratto	Si	Si	Si	
-Lunghezza del tratto <m>		1.00	1.00	1.00
Dati per progettazione agli stati limite				
Gruppo di esigenza				
-Ambiente poco aggressivo	x	x	x	
-Ambiente moderatamente aggressivo				
-Ambiente molto aggressivo				
Usa dominio N-M per flessioni rette	Si	Si	Si	
-Ricerca della sicurezza con sforzo normale costante				
-Ricerca della sicurezza con eccentricità costante	x	x	x	
Controllo rapporto X/D	Si	Si	Si	
Barre da considerare tese per verifiche a taglio				
-Solo le barre con deformazione percentuale rispetto				
alla barra più tesa non inferiore al <%>		30.00	30.00	30.00
-Tutte le barre in trazione				
Dati per verifiche di resistenza al fuoco				
-Tempo di verifica (REI) <minuti>		120.00	120.00	120.00
Dimensione MESH <cm>		2.00	2.00	2.00
-Passo di calcolo <secondi>		10.00	10.00	10.00

-Temperatura ambiente <C°>	20.00	20.00	20.00
-Coeff. di convezione a temperatura ambiente <W/mq K>	9.00	9.00	9.00
Calcestruzzo			
-Tipo di aggregati	SILICEI	SILICEI	SILICEI
Massa volumica a secco <daN/mc>	2300.00	2300.00	2300.00
-Umidità iniziale <%>	3.00	3.00	3.00
-Fattore di interpolazione conducibilità	0.50	0.50	0.50

Dati per verifiche FRP

Rinforzo longitudinale			
Tipo di fibra/resina			
-Vetro/Epossidica			
-Arammidica/Epossidica			
-Carbonio/Epossidica	x	x	x
Resistenza caratteristica(f_{fk}) <daN/cmq>	49000.00	49000.00	49000.00
Modulo elastico(E_c) <daN/cmq>	2500000.00	2500000.00	2500000.00
Deformazione caratteristica a rottura per trazione(ε_{fk}) <%>	2.00	2.00	2.00
Spessore equivalente(t_f) <mm>	0.17	0.17	0.17
Sistemi di rinforzo			
-Preformati			
-Impregnati in situ	x	x	x
Rinforzo trasversale			
Tipo di fibra/resina			
-Vetro/Epossidica			
-Arammidica/Epossidica			
-Carbonio/Epossidica	x	x	x
Resistenza caratteristica(f_{fk}) <daN/cmq>	49000.00	49000.00	49000.00
Modulo elastico(E_c) <daN/cmq>	2500000.00	2500000.00	2500000.00
Deformazione caratteristica a rottura per trazione(ε_{fk}) <%>	2.00	2.00	2.00
Spessore equivalente(t_f) <mm>	0.17	0.17	0.17
Sistemi di rinforzo			
-Preformati			
-Impregnati in situ	x	x	x
Modalità di carico			
-Lungo termine	x	x	x
-Ciclico			
Coeff. parziale SLU di distacco(γ_{fd})	1.50	1.50	1.50
Fattore di conversione ambientale(η_a)	0.95	0.95	0.95
Raggio di arrotondamento spigoli(r_c) <cm>	2.00	2.00	2.00
Coeff. condizione di carico(K_q)	1.25	1.25	1.25

Verifiche e armature travi

Simbologia

Caso = Caso di verifica
Xg = Coordinata progressiva (dal primo nodo) in cui viene effettuato il progetto/verifica
CC = Combinazione delle condizioni di carico elementari
  c = momento fittizio in campata
  a = momento fittizio agli appoggi
  TG = taglio da gerarchia delle resistenze
  T = momento traslato per taglio
  e = eccentricità aggiuntiva in caso di compressione o pressoflessione
TCC = Tipo di combinazione di carico
  SLU = Stato limite ultimo
  SLU S = Stato limite ultimo (azione sismica)
  SLE R = Stato limite d'esercizio, combinazione rara
  SLE F = Stato limite d'esercizio, combinazione frequente
  SLE Q = Stato limite d'esercizio, combinazione quasi permanente
  SLD = Stato limite di danno
  SLV = Stato limite di salvaguardia della vita
  SLC = Stato limite di prevenzione del collasso
  SLO = Stato limite di operatività
  SLU I = Stato limite di resistenza al fuoco
El = Elemento (asta) in cui viene effettuato il progetto/verifica (progressivo sul numero di aste)
Sez. = Numero della sezione
Crit. = Numero del criterio di progetto
X = Coordinata progressiva rispetto al nodo iniziale
AfE S = Area di ferro effettiva totale presente nel punto di verifica, superiore
AfE I = Area di ferro effettiva totale presente nel punto di verifica, inferiore
AfEP S = Area di ferro effettiva parziale presente nella CC considerata, per la sollecitazione indicata, superiore
AfEP I = Area di ferro effettiva parziale presente nella CC considerata, per la sollecitazione indicata, inferiore
My = Momento flettente intorno all'asse Y
Myu = Momento ultimo intorno all'asse Y
Sic. = Sicurezza a rottura
σ_f sup = Tensione nel ferro - superiore
σ_f inf = Tensione nel ferro - inferiore
σ_c = Tensione nel calcestruzzo
Tz = Taglio in dir. Z
X0 = Coordinata progressiva (dal nodo iniziale) dell'inizio del tratto
X1 = Coordinata progressiva (dal nodo iniziale) della fine del tratto
Lung. = Lunghezza del tratto di progettazione
Staff. = Staffatura adottata
AfE St. = Area di ferro effettiva della staffatura (d'anima per travi a T o L)
bw = Larghezza membratura resistente al taglio
Vsdu = Taglio agente nella direzione del momento ultimo
ctgθ = Cotangente dell'angolo di inclinazione dei puntoni di calcestruzzo
VRsd = Taglio ultimo lato armatura
VRcd = Taglio ultimo lato calcestruzzo
Sic.T = Sicurezza a rottura per taglio

c = Ricoprimento dell'armatura
s = Distanza minima tra le barre
K3 = Coefficiente di forma del diagramma delle tensioni prima della fessurazione
s_{rm} = Distanza media tra le fessure
Φ = Diametro della barra
A_s = Area complessiva dei ferri nell'area di calcestruzzo efficace
$A_{c\ eff}$ = Area di calcestruzzo efficace
σ_s = Tensione nell'acciaio nella sezione fessurata
σ_{sr} = Tensione nell'acciaio corrispondente al raggiungimento della resistenza a trazione nel calcestruzzo
ε_{sm} = Deformazione unitaria media dell'armatura (*1000)
Wk = Apertura delle fessure
Tipo = Tipologia
- 2C = Doppia C lato labbri
- 2Cdx = Doppia C lato costola
- 2I = Doppia I
- 2L = Doppia L lato labbri
- 2Ldx = Doppia L lato costole
- C = C
- Cdx = C destra
- Cir. = Circolare
- Cir.c = Circolare cava
- I = I
- L = L
- Ldx = L destra
- Om. = Omega
- Pg = Pi greco
- Pr = Poligono regolare
- Prc = Poligono regolare cavo
- Pc = Per coordinate
- Ia = Inerzie assegnate
- R = Rettangolare
- Rc = Rettangolare cava
- T = T
- U = U
- Ur = U rovescia
- V = V
- Vr = V rovescia
- Z = Z
- Zdx = Z destra
- Ts = T stondata
- Ls = L stondata
- Cs = C stondata
- Is = I stondata
- Dis. = Disegnata

B = Base
H = Altezza
Cf sup = Copriferro superiore
Cf inf = Copriferro inferiore
Cls = Tipo di calcestruzzo
Fck = Resistenza caratteristica cilindrica a compressione del calcestruzzo
Fctk = Resistenza caratteristica a trazione del calcestruzzo
Fcd = Resistenza di calcolo a compressione del calcestruzzo
Fctd = Resistenza di calcolo a trazione del calcestruzzo
Acc. = Tipo di acciaio
Fyk = Tensione caratteristica di snervamento dell'acciaio
Fyd = Resistenza di calcolo dell'acciaio

Travata n. 101 Nodi: 101 113 -4113 -4114 -4115 114 102

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf sup <cm>	Cf inf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Acc.	Fyk <daN/cmq>	Fyd <daN/cmq>
7	R	30.00	29.00	3.50	3.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	AfEP S <cmq>	AfEP I <cmq>	My <daNm>	Myu <daNm>	Sic.
0.30	18	SLU	1	30.00	4.02	4.02	4.02	3.58	-2695.85	-3750.72	1.391
5.54	18	SLU	1	554.18	4.02	4.02	4.02	3.99	1295.47	3725.00	2.875
9.75	17	SLU	1	975.00	8.04	8.04	8.04	7.27	-1737.61	-7214.29	4.152
11.75	18	SLU	6	0.00	14.33	13.07	14.33	10.50	-10568.50	-12569.60	1.189
14.95	18	SLU	6	319.67	4.02	9.05	4.02	8.97	5954.57	7974.13	1.339
17.64	17	SLU	6	589.00	8.04	9.05	8.04	6.08	-6549.76	-7210.77	1.101

Stato limite ultimo - Ferri longitudinali - Verifiche armatura a taglio

Xg <m>	CC	TCC	El	X <cm>	AfE I <cmq>	Tz <daN>	AfEP I <cmq>	σ_f inf <daN/cmq>
0.30	18	SLU	1	30.00	4.02	1480.03	0.44	3363.98
5.54	17	SLU	1	554.18	4.02	-88.60	0.03	3017.96
9.75	17	SLU	1	975.00	8.04	-1278.48	0.77	1656.93
11.75	18	SLU	6	0.00	13.07	10000.70	2.57	3889.77
14.95	17	SLU	6	319.67	9.05	-212.44	0.07	2902.02
17.64	17	SLU	6	589.00	9.05	-8639.74	2.97	2913.76

Stato limite d'esercizio - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	My <daNm>	σ_f sup <daN/cmq>	σ_f inf <daN/cmq>	σ_c <daN/cmq>
0.30	22	SLE R	1	30.00	4.02	4.02	-2090.29	2282.17	-507.47	63.42
0.30	30	SLE Q	1	30.00	4.02	4.02	-2043.11	2230.66	-496.01	61.99
5.54	22	SLE R	1	554.18	4.02	4.02	995.54	-241.69	1086.93	30.20
5.54	30	SLE Q	1	554.18	4.02	4.02	986.53	-239.50	1077.09	29.93
9.75	21	SLE R	1	975.00	8.04	8.04	-1417.92	791.40	-277.91	29.87
9.75	29	SLE Q	1	975.00	8.04	8.04	-1470.56	820.78	-288.23	30.98

11.75	22	SLE	R	6	0.00	14.33	13.07	-7269.16	2311.67	-1140.98	112.69		
11.75	30	SLE	Q	6	0.00	14.33	13.07	-7193.48	2287.60	-1129.11	111.51		
14.95	22	SLE	R	6	319.67	4.02	9.05	4033.86	-929.28	2024.62	93.28		
14.95	30	SLE	Q	6	319.67	4.02	9.05	4028.67	-928.09	2022.01	93.16		
17.64	21	SLE	R	6	589.00	8.04	9.05	-4503.99	2511.48	-848.39	92.19		
17.64	29	SLE	Q	6	589.00	8.04	9.05	-4576.45	2551.89	-862.04	93.68		

Verifiche stato limite di formazione delle fessure

Caso	Xg <m>	CC	TCC	El	Sez.	Crit.	X <cm>	My <daNm>	c <mm>	s <mm>	K3	s_{rm} <mm>	Φ	A_s <cmq>	$A_{c\ eff}$ <cmq>	σ_s <daN/cmq>	σ_{sr} <daN/cmq>	ε_{sm}	Wk <mm>
10	0.30	30	SLE Q	1	7	2	30.00	-2043.11	27.00	224.00	0.13	172.57	16.00	2.01	185.40	2230.66	1935.77	0.68	0.20
14	0.30	26	SLE F	1	7	2	30.00	-2054.49	27.00	224.00	0.13	172.57	16.00	2.01	185.40	2243.08	1935.77	0.68	0.20
26	5.54	30	SLE Q	1	7	2	554.18	986.53	27.00	224.00	0.13	172.57	16.00	2.01	185.40	1077.09	1935.77	0.21	0.06
30	5.54	26	SLE F	1	7	2	554.18	988.74	27.00	224.00	0.13	172.57	16.00	2.01	185.40	1079.50	1935.77	0.21	0.06
41	9.75	29	SLE Q	1	7	2	975.00	-1470.56	27.00	76.67	0.13	112.25	16.00	8.04	431.45	820.78	1180.75	0.16	0.03
45	9.75	25	SLE F	1	7	2	975.00	-1457.82	27.00	76.67	0.13	112.25	16.00	8.04	431.45	813.67	1180.75	0.16	0.03
58	11.75	30	SLE Q	6	7	2	0.00	-7193.48	25.00	46.00	0.13	94.06	20.00	14.33	499.44	2287.60	834.98	1.04	0.17
62	11.75	26	SLE F	6	7	2	0.00	-7211.57	25.00	46.00	0.13	94.06	20.00	14.33	499.44	2293.35	834.98	1.04	0.17
74	14.95	30	SLE Q	6	7	2	319.67	4028.67	23.00	230.00	0.13	167.66	24.00	9.05	570.42	2022.01	1045.83	0.85	0.24
78	14.95	26	SLE F	6	7	2	319.67	4029.90	23.00	230.00	0.13	167.66	24.00	9.05	570.42	2022.63	1045.83	0.85	0.24
89	17.64	29	SLE Q	6	7	2	589.00	-4576.45	27.00	76.67	0.13	112.25	16.00	8.04	431.45	2551.89	1191.08	1.10	0.21
93	17.64	25	SLE F	6	7	2	589.00	-4559.15	27.00	76.67	0.13	112.25	16.00	8.04	431.45	2542.24	1191.08	1.10	0.21

Staffe - Verifiche armatura

CC	X0 <m>	X1 <m>	Lung. <m>	Staff.	AfE St. <cmq/m>	bw <m>	Vsdu <daN>	ctgθ	VRsd <daN>	VRcd <daN>	Sic.T
18 SLU	0.30	0.56	0.26	ø10/ 4 2 br.	39.27	0.30	1480.03	1.00	35266.10	28334.60	19.14
18 SLU	0.56	9.49	8.94	ø10/20 2 br.	7.85	0.30	1407.93	2.50	17633.00	19541.10	12.52
18 SLU	11.75	12.01	0.26	ø10/ 4 2 br.	39.27	0.30	10000.70	1.00	35266.10	28334.60	2.83
18 SLU	12.01	17.39	5.38	ø10/20 2 br.	7.85	0.30	9202.80	2.50	17633.00	19541.10	1.92
17 SLU	17.39	17.64	0.26	ø10/ 4 2 br.	39.27	0.30	8639.74	1.00	35266.10	28334.60	3.28

Travata n. 102 Nodi: 104 105 106 107

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf sup <cm>	Cf inf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Acc.	Fyk <daN/cmq>	Fyd <daN/cmq>
7	R	30.00	29.00	3.50	3.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04
10	R	30.00	22.00	3.50	3.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	AfEP S <cmq>	AfEP I <cmq>	My <daNm>	Myu <daNm>	Sic.
0.30	18	SLU	1	30.00	4.02	4.02	4.02	3.58	-2682.89	-3750.70	1.398
5.49	18	SLU	1	549.37	4.02	4.02	4.02	4.00	1244.96	3729.33	2.996
9.75	17	SLU	1	975.00	4.02	4.02	4.02	3.64	-1768.36	-3750.68	2.121
10.05	18	SLU	2	30.00	4.02	4.02	4.02	3.66	-1813.94	-3750.68	2.068
14.25	18	SLU	2	450.13	4.02	4.02	4.02	3.99	749.57	3720.42	4.963
17.64	17	SLU	2	789.00	4.02	4.02	4.02	3.70	-1339.92	-3750.65	2.799
17.94	18	SLU	3	0.00	10.30	9.42	10.30	7.65	-5385.82	-6320.89	1.174
20.21	18	SLU	3	227.13	4.02	6.28	4.02	6.22	2759.73	3945.00	1.429
22.16	17	SLU	3	422.00	6.03	6.28	6.03	4.52	-3633.35	-3833.97	1.055

Stato limite ultimo - Ferri longitudinali - Verifiche armatura a taglio

Xg <m>	CC	TCC	El	X <cm>	AfE I <cmq>	Tz <daN>	AfEP I <cmq>	σ_f inf <daN/cmq>
0.30	18	SLU	1	30.00	4.02	1468.74	0.44	3361.17
5.49	17	SLU	1	549.37	4.02	-73.45	0.02	3014.19
9.75	17	SLU	1	975.00	4.02	-1276.93	0.39	3313.47
10.05	18	SLU	2	30.00	4.02	1187.91	0.36	3291.33
14.25	17	SLU	2	450.13	4.02	-104.62	0.03	3021.94
17.64	17	SLU	2	789.00	4.02	-1062.78	0.33	3260.22
17.94	18	SLU	3	0.00	9.42	6951.78	1.78	3913.04
20.21	17	SLU	3	227.13	6.28	-157.23	0.06	2633.11
22.16	17	SLU	3	422.00	6.28	-6121.82	1.76	3478.21

Stato limite d'esercizio - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	My <daNm>	σ_f sup <daN/cmq>	σ_f inf <daN/cmq>	σ_c <daN/cmq>
0.30	22	SLE R	1	30.00	4.02	4.02	-2070.56	2260.63	-502.68	62.82
0.30	30	SLE Q	1	30.00	4.02	4.02	-2020.85	2206.35	-490.61	61.31
5.49	22	SLE R	1	549.37	4.02	4.02	957.00	-232.33	1044.85	29.03
5.49	30	SLE Q	1	549.37	4.02	4.02	951.72	-231.05	1039.08	28.87
9.75	21	SLE R	1	975.00	4.02	4.02	-1434.25	1565.90	-348.20	43.51
9.75	29	SLE Q	1	975.00	4.02	4.02	-1483.72	1619.92	-360.21	45.02
10.05	22	SLE R	2	30.00	4.02	4.02	-1433.03	1564.58	-347.90	43.48
10.05	30	SLE Q	2	30.00	4.02	4.02	-1406.45	1535.55	-341.45	42.67
14.25	22	SLE R	2	450.13	4.02	4.02	587.06	-142.52	640.95	17.81
14.25	30	SLE Q	2	450.13	4.02	4.02	583.82	-141.74	637.41	17.71
17.64	21	SLE R	2	789.00	4.02	4.02	-1074.93	1173.60	-260.96	32.61
17.64	29	SLE Q	2	789.00	4.02	4.02	-1101.70	1202.83	-267.46	33.42
17.94	22	SLE R	3	0.00	10.30	9.42	-3697.24	2316.12	-1008.42	118.94

17.94	30	SLE	Q	3	0.00	10.30	9.42	-3674.30	2301.75	-1002.16	118.21							
20.21	22	SLE	R	3	227.13	4.02	6.28	1862.35	-652.34	1874.73	82.80							
20.21	30	SLE	Q	3	227.13	4.02	6.28	1860.66	-651.74	1873.02	82.72							
22.16	21	SLE	R	3	422.00	6.03	6.28	-2493.27	2612.91	-776.99	104.53							
22.16	29	SLE	Q	3	422.00	6.03	6.28	-2515.82	2636.54	-784.02	105.48							

Verifiche stato limite di formazione delle fessure

Caso	Xg <m>	CC	TCC	El	Sez.	Crit.	X <cm>	My <daNm>	c <mm>	s <mm>	K3	s_{rm} <mm>	Φ	A_s <cmq>	$A_{c\ eff}$ <cmq>	σ_s <daN/cmq>	σ_{sr} <daN/cmq>	ε_{sm}	Wk <mm>
10	0.30	30	SLE Q	1	7	2	30.00	-2020.85	27.00	224.00	0.13	172.57	16.00	2.01	185.40	2206.35	1935.77	0.66	0.19
14	0.30	26	SLE F	1	7	2	30.00	-2032.79	27.00	224.00	0.13	172.57	16.00	2.01	185.40	2219.40	1935.77	0.67	0.20
26	5.49	30	SLE Q	1	7	2	549.37	951.72	27.00	224.00	0.13	172.57	16.00	2.01	185.40	1039.08	1935.77	0.20	0.06
30	5.49	26	SLE F	1	7	2	549.37	952.99	27.00	224.00	0.13	172.57	16.00	2.01	185.40	1040.47	1935.77	0.20	0.06
41	9.75	29	SLE Q	1	7	2	975.00	-1483.72	27.00	224.00	0.13	172.57	16.00	2.01	185.40	1619.92	1935.77	0.31	0.09
45	9.75	25	SLE F	1	7	2	975.00	-1471.82	27.00	224.00	0.13	172.57	16.00	2.01	185.40	1606.93	1935.77	0.31	0.09
58	10.05	30	SLE Q	2	7	2	30.00	-1406.45	27.00	224.00	0.13	172.57	16.00	2.01	185.40	1535.55	1935.77	0.30	0.09
62	10.05	26	SLE F	2	7	2	30.00	-1412.68	27.00	224.00	0.13	172.57	16.00	2.01	185.40	1542.36	1935.77	0.30	0.09
74	14.25	30	SLE Q	2	7	2	450.13	583.82	27.00	224.00	0.13	172.57	16.00	2.01	185.40	637.41	1935.77	0.12	0.04
78	14.25	26	SLE F	2	7	2	450.13	584.57	27.00	224.00	0.13	172.57	16.00	2.01	185.40	638.23	1935.77	0.12	0.04
89	17.64	29	SLE Q	2	7	2	789.00	-1101.70	27.00	224.00	0.13	172.57	16.00	2.01	185.40	1202.83	1935.77	0.23	0.07
93	17.64	25	SLE F	2	7	2	789.00	-1095.43	27.00	224.00	0.13	172.57	16.00	2.01	185.40	1195.99	1935.77	0.23	0.07
106	17.94	30	SLE Q	3	10	2	0.00	-3674.30	25.00	76.67	0.13	112.70	20.00	10.30	488.06	2301.75	846.02	1.04	0.20
110	17.94	26	SLE F	3	10	2	0.00	-3679.85	25.00	76.67	0.13	112.70	20.00	10.30	488.06	2305.23	846.02	1.04	0.20
122	20.21	30	SLE Q	3	10	2	227.13	1860.66	25.00	230.00	0.13	172.14	20.00	6.28	478.38	1873.02	1129.02	0.74	0.22
126	20.21	26	SLE F	3	10	2	227.13	1861.07	25.00	230.00	0.13	172.14	20.00	6.28	478.38	1873.43	1129.02	0.74	0.22
137	22.16	29	SLE Q	3	10	2	422.00	-2515.82	27.00	115.00	0.13	133.33	16.00	6.03	424.69	2636.54	1195.90	1.15	0.26
141	22.16	25	SLE F	3	10	2	422.00	-2510.36	27.00	115.00	0.13	133.33	16.00	6.03	424.69	2630.82	1195.90	1.15	0.26

Staffe - Verifiche armatura

CC	X0 <m>	X1 <m>	Lung. <m>	Staff.	AfE St. <cmq/m>	bw <m>	Vsdu <daN>	ctgθ	VRsd <daN>	VRcd <daN>	Sic.T
18 SLU	0.30	0.56	0.26	ø10/ 4 2 br.	39.27	0.30	1468.74	1.00	35266.10	28334.60	19.29
18 SLU	0.56	9.49	8.94	ø10/20 2 br.	7.85	0.30	1396.64	2.50	17633.00	19541.10	12.63
17 SLU	9.49	9.75	0.26	ø10/ 4 2 br.	39.27	0.30	1276.93	1.00	35266.10	28334.60	22.19
18 SLU	10.05	10.31	0.26	ø10/ 4 2 br.	39.27	0.30	1187.91	1.00	35266.10	28334.60	23.85
18 SLU	10.31	17.39	7.08	ø10/20 2 br.	7.85	0.30	1115.81	2.50	17633.00	19541.10	15.80
17 SLU	17.39	17.64	0.26	ø10/ 4 2 br.	39.27	0.30	1062.78	1.00	35266.10	28334.60	26.66
18 SLU	17.94	18.13	0.19	ø10/ 4 2 br.	39.27	0.30	6951.78	1.00	25585.20	20556.50	2.96
18 SLU	18.13	21.98	3.85	ø10/12 2 br.	13.09	0.30	6385.53	1.95	16670.20	16670.20	2.61
17 SLU	21.98	22.16	0.19	ø10/ 4 2 br.	39.27	0.30	6121.82	1.00	25585.20	20556.50	3.36

Travata n. 103 Nodi: 108 109 110 111

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf sup <cm>	Cf inf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Acc.	Fyk <daN/cmq>	Fyd <daN/cmq>
7	R	30.00	29.00	3.50	3.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04
10	R	30.00	22.00	3.50	3.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	AfEP S <cmq>	AfEP I <cmq>	My <daNm>	Myu <daNm>	Sic.
0.30	18	SLU	1	30.00	4.02	4.02	4.02	3.59	-2581.90	-3750.73	1.453
5.42	18	SLU	1	542.11	4.02	4.02	4.02	4.00	1238.32	3729.18	3.011
9.75	17	SLU	1	975.00	4.02	4.02	4.02	3.63	-1866.70	-3750.69	2.009
10.05	18	SLU	2	30.00	4.02	4.02	4.02	3.66	-1838.01	-3750.67	2.041
14.32	18	SLU	2	456.64	4.02	4.02	4.02	3.99	806.21	3719.64	4.614
17.64	17	SLU	2	789.00	4.02	4.02	4.02	3.70	-1234.97	-3750.64	3.037
17.94	18	SLU	3	0.00	4.02	4.02	4.02	3.80	-857.56	-2649.12	3.089
21.24	18	SLU	3	329.68	4.02	4.02	4.02	3.97	338.92	2620.13	7.731
22.26	18	SLU	3	432.00	4.02	4.02	4.02	3.90	215.40	2578.37	11.970

Stato limite ultimo - Ferri longitudinali - Verifiche armatura a taglio

Xg <m>	CC	TCC	El	X <cm>	AfE I <cmq>	Tz <daN>	AfEP I <cmq>	σ_f inf <daN/cmq>
0.30	18	SLU	1	30.00	4.02	1447.99	0.43	3356.01
5.42	17	SLU	1	542.11	4.02	-73.91	0.02	3014.30
9.75	17	SLU	1	975.00	4.02	-1297.91	0.39	3318.69
10.05	18	SLU	2	30.00	4.02	1205.76	0.37	3295.77
14.32	17	SLU	2	456.64	4.02	-107.34	0.04	3022.62
17.64	17	SLU	2	789.00	4.02	-1047.09	0.32	3256.32
17.94	18	SLU	3	0.00	4.02	707.16	0.22	3171.78
21.24	17	SLU	3	329.68	4.02	-147.41	0.05	3032.58
22.26	17	SLU	3	432.00	4.02	-366.89	0.12	3087.16

Stato limite d'esercizio - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	My <daNm>	σ_f sup <daN/cmq>	σ_f inf <daN/cmq>	σ_c <daN/cmq>
0.30	22	SLE R	1	30.00	4.02	4.02	-1998.58	2182.04	-485.20	60.64
0.30	30	SLE Q	1	30.00	4.02	4.02	-1956.22	2135.79	-474.92	59.35
5.42	22	SLE R	1	542.11	4.02	4.02	952.58	-231.26	1040.02	28.90
5.42	30	SLE Q	1	542.11	4.02	4.02	948.40	-230.25	1035.46	28.77
9.75	21	SLE R	1	975.00	4.02	4.02	-1504.51	1642.62	-365.26	45.65

9.75	29	SLE	Q	1	975.00	4.02	4.02	-1547.32	1689.36	-375.65	46.94								
10.05	22	SLE	R	2	30.00	4.02	4.02	-1447.94	1580.86	-351.52	43.93								
10.05	30	SLE	Q	2	30.00	4.02	4.02	-1424.49	1555.25	-345.83	43.22								
14.32	22	SLE	R	2	456.64	4.02	4.02	624.89	-151.71	682.25	18.96								
14.32	30	SLE	Q	2	456.64	4.02	4.02	621.78	-150.95	678.85	18.86								
17.64	21	SLE	R	2	789.00	4.02	4.02	-1009.09	1101.72	-244.98	30.62								
17.64	29	SLE	Q	2	789.00	4.02	4.02	-1032.39	1127.16	-250.64	31.32								
17.94	22	SLE	R	3	0.00	4.02	4.02	-673.75	1039.67	-229.05	35.01								
17.94	30	SLE	Q	3	0.00	4.02	4.02	-657.25	1014.20	-223.44	34.15								
21.24	22	SLE	R	3	329.68	4.02	4.02	267.31	-90.87	412.49	13.89								
21.24	30	SLE	Q	3	329.68	4.02	4.02	257.85	-87.66	397.89	13.40								
22.26	22	SLE	R	3	432.00	4.02	4.02	179.15	-60.90	276.45	9.31								
22.26	29	SLE	Q	3	432.00	4.02	4.02	-171.33	264.38	-58.24	8.90								

Verifiche stato limite di formazione delle fessure

Caso	Xg	CC	TCC	El	Sez.	Crit.	X	My	c	s	K3	s_{rm}	Φ	A_s	$A_{c\ eff}$	σ_s	σ_{sr}	ε_{sm}	Wk
	<m>						<cm>	<daNm>	<mm>	<mm>		<mm>		<cmq>	<cmq>	<daN/cmq>	<daN/cmq>		<mm>
10	0.30	30	SLE Q	1	7	2	30.00	-1956.22	27.00	224.00	0.13	172.57	16.00	2.01	185.40	2135.79	1935.77	0.61	0.18
14	0.30	26	SLE F	1	7	2	30.00	-1966.38	27.00	224.00	0.13	172.57	16.00	2.01	185.40	2146.89	1935.77	0.62	0.18
26	5.42	30	SLE Q	1	7	2	542.11	948.40	27.00	224.00	0.13	172.57	16.00	2.01	185.40	1035.46	1935.77	0.20	0.06
30	5.42	26	SLE F	1	7	2	542.11	949.41	27.00	224.00	0.13	172.57	16.00	2.01	185.40	1036.56	1935.77	0.20	0.06
41	9.75	29	SLE Q	1	7	2	975.00	-1547.32	27.00	224.00	0.13	172.57	16.00	2.01	185.40	1689.36	1935.77	0.33	0.10
45	9.75	25	SLE F	1	7	2	975.00	-1537.04	27.00	224.00	0.13	172.57	16.00	2.01	185.40	1678.13	1935.77	0.33	0.10
58	10.05	30	SLE Q	2	7	2	30.00	-1424.49	27.00	224.00	0.13	172.57	16.00	2.01	185.40	1555.25	1935.77	0.30	0.09
62	10.05	26	SLE F	2	7	2	30.00	-1429.99	27.00	224.00	0.13	172.57	16.00	2.01	185.40	1561.25	1935.77	0.30	0.09
74	14.32	30	SLE Q	2	7	2	456.64	621.78	27.00	224.00	0.13	172.57	16.00	2.01	185.40	678.85	1935.77	0.13	0.04
78	14.32	26	SLE F	2	7	2	456.64	622.50	27.00	224.00	0.13	172.57	16.00	2.01	185.40	679.64	1935.77	0.13	0.04
89	17.64	29	SLE Q	2	7	2	789.00	-1032.39	27.00	224.00	0.13	172.57	16.00	2.01	185.40	1127.16	1935.77	0.22	0.06
93	17.64	25	SLE F	2	7	2	789.00	-1026.94	27.00	224.00	0.13	172.57	16.00	2.01	185.40	1121.21	1935.77	0.22	0.06
106	17.94	30	SLE Q	3	10	2	0.00	-657.25	27.00	224.00	0.13	172.57	16.00	2.01	185.40	1014.20	1594.26	0.20	0.06
110	17.94	26	SLE F	3	10	2	0.00	-661.31	27.00	224.00	0.13	172.57	16.00	2.01	185.40	1020.47	1594.26	0.20	0.06
122	21.24	30	SLE Q	3	10	2	329.68	257.85	27.00	224.00	0.13	172.57	16.00	2.01	185.40	397.89	1594.26	0.08	0.02
126	21.24	26	SLE F	3	10	2	329.68	260.18	27.00	224.00	0.13	172.57	16.00	2.01	185.40	401.48	1594.26	0.08	0.02
137	22.26	29	SLE Q	3	10	2	432.00	-171.33	27.00	224.00	0.13	172.57	16.00	2.01	185.40	264.38	1594.26	0.05	0.02
141	22.26	25	SLE F	3	10	2	432.00	-167.30	27.00	224.00	0.13	172.57	16.00	2.01	185.40	258.16	1594.26	0.05	0.01

Staffe - Verifiche armatura

CC	X0	X1	Lung.	Staff.	AfE St.	bw	Vsdu	ctgθ	VRsd	VRcd	Sic.T
	<m>	<m>	<m>		<cmq/m>	<m>	<daN>		<daN>	<daN>	
18 SLU	0.30	0.56	0.26	ø10/ 4 2 br.	39.27	0.30	1447.99	1.00	35266.10	28334.60	19.57
18 SLU	0.56	9.49	8.94	ø10/20 2 br.	7.85	0.30	1375.89	2.50	17633.00	19541.10	12.82
17 SLU	9.49	9.75	0.26	ø10/ 4 2 br.	39.27	0.30	1297.91	1.00	35266.10	28334.60	21.83
18 SLU	10.05	10.31	0.26	ø10/ 4 2 br.	39.27	0.30	1205.76	1.00	35266.10	28334.60	23.50
18 SLU	10.31	17.39	7.08	ø10/20 2 br.	7.85	0.30	1133.66	2.50	17633.00	19541.10	15.55
17 SLU	17.39	17.64	0.26	ø10/ 4 2 br.	39.27	0.30	1047.09	1.00	35266.10	28334.60	27.06
18 SLU	17.94	18.13	0.19	ø10/ 4 2 br.	39.27	0.30	707.16	1.00	25585.20	20556.50	29.07
18 SLU	18.13	22.07	3.95	ø10/12 2 br.	13.09	0.30	667.47	1.95	16670.20	16670.20	24.98
17 SLU	22.07	22.26	0.19	ø10/ 4 2 br.	39.27	0.30	366.89	1.00	25585.20	20556.50	56.03

Travata n. 104 Nodi: 112 117 -4123 -4124 -4125 118 119 120

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B	H	Cf sup	Cf inf	Cls	Fck	Fctk	Fcd	Fctd	Acc.	Fyk	Fyd
		<cm>	<cm>	<cm>	<cm>		<daN/cmq>	<daN/cmq>	<daN/cmq>	<daN/cmq>		<daN/cmq>	<daN/cmq>
7	R	30.00	29.00	3.50	3.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04
10	R	30.00	22.00	3.50	3.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Ferri longitudinali - Verifiche armatura

Xg	CC	TCC	El	X	AfE S	AfE I	AfEP S	AfEP I	My	Myu	Sic.
<m>				<cm>	<cmq>	<cmq>	<cmq>	<cmq>	<daNm>	<daNm>	
0.30	18	SLU	1	30.00	4.02	4.02	4.02	3.59	-2403.00	-3750.72	1.561
5.36	18	SLU	1	536.31	4.02	4.02	4.02	3.99	1343.25	3726.10	2.774
9.75	17	SLU	1	975.00	10.30	8.04	10.30	7.25	-1901.00	-9139.10	4.808
11.75	18	SLU	6	0.00	14.58	10.30	14.58	7.87	-9566.25	-12704.40	1.328
14.80	18	SLU	6	305.02	6.28	10.30	6.28	10.21	5488.79	9049.48	1.649
17.64	17	SLU	6	589.00	13.45	8.29	13.45	5.97	-8253.82	-11693.50	1.417
17.94	18	SLU	7	0.00	13.45	10.30	13.45	8.48	-5846.94	-8111.54	1.387
20.27	18	SLU	7	233.13	4.02	6.28	4.02	6.22	2717.78	3945.03	1.452
22.26	17	SLU	7	432.00	7.16	6.28	7.16	4.68	-3916.70	-4493.43	1.147

Stato limite ultimo - Ferri longitudinali - Verifiche armatura a taglio

Xg	CC	TCC	El	X	AfE I	Tz	AfEP I	σ_f inf
<m>				<cm>	<cmq>	<daN>	<cmq>	<daN/cmq>
0.30	18	SLU	1	30.00	4.02	1431.59	0.43	3351.93
5.36	17	SLU	1	536.31	4.02	-84.77	0.03	3017.00
9.75	17	SLU	1	975.00	8.04	-1325.16	0.80	1662.73
11.75	18	SLU	6	0.00	10.30	9544.20	2.44	3913.04
14.80	17	SLU	6	305.02	10.30	-216.41	0.09	2327.54
17.64	17	SLU	6	589.00	8.29	-9102.03	2.33	3913.04
17.94	18	SLU	7	0.00	10.30	7135.58	1.82	3913.04
20.27	17	SLU	7	233.13	6.28	-154.57	0.06	2588.79
22.26	17	SLU	7	432.00	6.28	-6241.43	1.60	3893.17

Stato limite d'esercizio - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	My <daNm>	σ_f sup <daN/cmq>	σ_f inf <daN/cmq>	σ_c <daN/cmq>
0.30	22	SLE R	1	30.00	4.02	4.02	-1873.13	2045.07	-454.75	56.83
0.30	30	SLE Q	1	30.00	4.02	4.02	-1839.86	2008.76	-446.67	55.82
5.36	22	SLE R	1	536.31	4.02	4.02	1030.87	-250.27	1125.50	31.28
5.36	30	SLE Q	1	536.31	4.02	4.02	1021.88	-248.09	1115.69	31.00
9.75	21	SLE R	1	975.00	10.30	8.04	-1537.64	676.21	-295.68	30.02
9.75	29	SLE Q	1	975.00	10.30	8.04	-1581.71	695.59	-304.15	30.88
11.75	22	SLE R	6	0.00	14.58	10.30	-6584.52	2068.15	-1130.94	109.33
11.75	30	SLE Q	6	0.00	14.58	10.30	-6537.33	2053.33	-1122.84	108.54
14.80	22	SLE R	6	305.02	6.28	10.30	3712.41	-765.71	1637.76	76.54
14.80	30	SLE Q	6	305.02	6.28	10.30	3711.98	-765.63	1637.58	76.53
17.64	21	SLE R	6	589.00	13.45	8.29	-5667.97	1930.96	-1053.80	101.91
17.64	29	SLE Q	6	589.00	13.45	8.29	-5712.65	1946.18	-1062.11	102.71
17.94	22	SLE R	7	0.00	13.45	10.30	-4001.13	1939.85	-1047.79	116.33
17.94	30	SLE Q	7	0.00	13.45	10.30	-3981.28	1930.23	-1042.59	115.75
20.27	22	SLE R	7	233.13	4.02	6.28	1836.59	-643.31	1848.79	81.65
20.27	30	SLE Q	7	233.13	4.02	6.28	1834.75	-642.67	1846.94	81.57
22.26	21	SLE R	7	432.00	7.16	6.28	-2687.63	2388.12	-841.57	106.34
22.26	29	SLE Q	7	432.00	7.16	6.28	-2707.65	2405.91	-847.84	107.14

Verifiche stato limite di formazione delle fessure

Caso	Xg <m>	CC	TCC	El	Sez.	Crit.	X <cm>	My <daNm>	c <mm>	s <mm>	K3	s_{rm} <mm>	Φ	A_s <cmq>	$A_{c\ eff}$ <cmq>	σ_s <daN/cmq>	σ_{sr} <daN/cmq>	ε_{sm}	Wk <mm>
10	0.30	30	SLE Q	1	7	2	30.00	-1839.86	27.00	224.00	0.13	172.57	16.00	2.01	185.40	2008.76	1935.77	0.52	0.15
14	0.30	26	SLE F	1	7	2	30.00	-1847.91	27.00	224.00	0.13	172.57	16.00	2.01	185.40	2017.54	1935.77	0.53	0.16
26	5.36	30	SLE Q	1	7	2	536.31	1021.88	27.00	224.00	0.13	172.57	16.00	2.01	185.40	1115.69	1935.77	0.22	0.06
30	5.36	26	SLE F	1	7	2	536.31	1024.11	27.00	224.00	0.13	172.57	16.00	2.01	185.40	1118.12	1935.77	0.22	0.06
41	9.75	29	SLE Q	1	7	2	975.00	-1581.71	25.00	76.67	0.13	112.51	20.00	10.30	486.10	695.59	993.77	0.14	0.03
45	9.75	25	SLE F	1	7	2	975.00	-1570.96	25.00	76.67	0.13	112.51	20.00	10.30	486.10	690.86	993.77	0.13	0.03
58	11.75	30	SLE Q	6	7	2	0.00	-6537.33	25.00	57.50	0.13	96.78	20.00	14.58	514.32	2053.33	810.88	0.92	0.15
62	11.75	26	SLE F	6	7	2	0.00	-6548.73	25.00	57.50	0.13	96.78	20.00	14.58	514.32	2056.91	810.88	0.92	0.15
74	14.80	30	SLE Q	6	7	2	305.02	3711.98	25.00	76.67	0.13	112.51	20.00	10.30	486.10	1637.58	978.66	0.65	0.12
78	14.80	26	SLE F	6	7	2	305.02	3712.07	25.00	76.67	0.13	112.51	20.00	10.30	486.10	1637.61	978.66	0.65	0.12
89	17.64	29	SLE Q	6	7	2	589.00	-5712.65	25.00	57.50	0.13	99.49	20.00	13.45	510.80	1946.18	839.04	0.86	0.14
93	17.64	25	SLE F	6	7	2	589.00	-5701.89	25.00	57.50	0.13	99.49	20.00	13.45	510.80	1942.52	839.04	0.86	0.14
106	17.94	30	SLE Q	7	10	2	0.00	-3981.28	25.00	57.50	0.13	99.49	20.00	13.45	510.80	1930.23	720.57	0.87	0.15
110	17.94	26	SLE F	7	10	2	0.00	-3986.09	25.00	57.50	0.13	99.49	20.00	13.45	510.80	1932.56	720.57	0.87	0.15
122	20.27	30	SLE Q	7	10	2	233.13	1834.75	25.00	230.00	0.13	172.14	20.00	6.28	478.38	1846.94	1129.02	0.73	0.21
126	20.27	26	SLE F	7	10	2	233.13	1835.20	25.00	230.00	0.13	172.14	20.00	6.28	478.38	1847.39	1129.02	0.73	0.21
137	22.26	29	SLE Q	7	10	2	432.00	-2707.65	25.00	115.00	0.13	138.24	20.00	7.16	467.32	2405.91	1053.99	1.06	0.25
141	22.26	25	SLE F	7	10	2	432.00	-2702.81	25.00	115.00	0.13	138.24	20.00	7.16	467.32	2401.60	1053.99	1.05	0.25

Staffe - Verifiche armatura

CC	X0 <m>	X1 <m>	Lung. <m>	Staff.	AfE St. <cmq/m>	bw <m>	Vsdu <daN>	ctgθ	VRsd <daN>	VRcd <daN>	Sic.T
18 SLU	0.30	0.56	0.26	ø10/ 4 2 br.	39.27	0.30	1431.59	1.00	35266.10	28334.60	19.79
18 SLU	0.56	9.49	8.94	ø10/20 2 br.	7.85	0.30	1359.49	2.50	17633.00	19541.10	12.97
18 SLU	11.75	12.01	0.26	ø10/ 4 2 br.	39.27	0.30	9544.20	1.00	35266.10	28334.60	2.97
18 SLU	12.01	17.39	5.38	ø10/20 2 br.	7.85	0.30	8746.30	2.50	17633.00	19541.10	2.02
17 SLU	17.39	17.64	0.26	ø10/ 4 2 br.	39.27	0.30	9102.03	1.00	35266.10	28334.60	3.11
18 SLU	17.94	18.13	0.19	ø10/ 4 2 br.	39.27	0.30	7135.58	1.00	25585.20	20556.50	2.88
18 SLU	18.13	22.07	3.95	ø10/12 2 br.	13.09	0.30	6569.34	1.95	16670.20	16670.20	2.54
17 SLU	22.07	22.26	0.19	ø10/ 4 2 br.	39.27	0.30	6241.43	1.00	25585.20	20556.50	3.29

Travata n. 105 Nodi: 101 104 108 112

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf sup <cm>	Cf inf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Acc.	Fyk <daN/cmq>	Fyd <daN/cmq>
6	R	30.00	60.00	3.50	3.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	AfEP S <cmq>	AfEP I <cmq>	My <daNm>	Myu <daNm>	Sic.
0.80	5	SLV	1	80.00	13.57	22.49	13.57	15.49	-26480.70	-28429.90	1.074
3.52	5	SLV	1	352.00	19.85	19.35	19.85	10.47	20795.00	22001.60	1.058
4.32	5	SLV	2	40.00	19.85	19.35	19.85	9.70	-32754.70	-40924.90	1.249
7.04	20	SLU	2	311.89	6.28	12.19	6.28	10.29	18671.30	21591.20	1.156
9.91	13	SLV	2	599.00	21.61	15.33	21.61	6.29	-39026.10	-43180.80	1.106
10.71	20	SLU	3	40.00	21.61	15.33	21.61	5.29	-39953.50	-42816.10	1.072
13.93	19	SLU	3	361.89	6.28	15.33	6.28	14.28	26874.60	29683.90	1.105
16.05	13	SLV	3	574.00	6.28	15.33	6.28	7.10	-7725.34	-13324.60	1.725
0.80	6	SLD	1	80.00	13.57	22.49	13.57	15.49	-29456.30	-32797.20	1.113
3.52	6	SLD	1	352.00	19.85	19.35	19.85	10.47	24215.40	25404.20	1.049
4.32	6	SLD	2	40.00	19.85	19.35	19.85	9.70	-34604.90	-47396.50	1.370
7.04	6	SLD	2	311.89	6.28	12.19	6.28	10.29	11820.70	24949.80	2.111
9.91	14	SLD	2	599.00	21.61	15.33	21.61	6.29	-41052.10	-50662.10	1.234
10.71	6	SLD	3	40.00	21.61	15.33	21.61	5.29	-38561.80	-50378.30	1.306
13.93	14	SLD	3	361.89	6.28	15.33	6.28	14.28	18035.70	34299.90	1.902
16.05	14	SLD	3	574.00	6.28	15.33	6.28	7.10	-8443.82	-15423.30	1.827

Stato limite ultimo - Ferri longitudinali - Verifiche armatura a taglio

Xg <m>	CC	TCC	El	X <cm>	AfE I <cmq>	Tz <daN>	AfEP I <cmq>	σ_f inf <daN/cmq>
0.80	5	SLV	1	80.00	22.49	26707.30	7.01	3811.80
0.80	6	SLD	1	80.00	22.49	28944.40	7.01	4131.09
3.52	13	SLV	1	352.00	19.35	-33631.80	8.89	3785.08
3.52	14	SLD	1	352.00	19.35	-35869.00	8.89	4036.86
4.32	20	SLU	2	40.00	19.35	32671.20	9.65	3385.99
4.32	6	SLD	2	40.00	19.35	26697.20	9.65	2766.85
7.04	13	SLV	2	311.89	12.19	-6524.87	1.90	3429.32
7.04	14	SLD	2	311.89	12.19	-7218.28	1.90	3793.76
9.91	19	SLU	2	599.00	15.33	-35395.20	9.05	3913.04
9.91	14	SLD	2	599.00	15.33	-28374.40	9.05	3136.87
10.71	20	SLU	3	40.00	15.33	39280.70	10.04	3913.04
10.71	6	SLD	3	40.00	15.33	28007.40	10.04	2790.02
13.93	5	SLV	3	361.89	15.33	3879.43	1.05	3677.86
13.93	6	SLD	3	361.89	15.33	4288.31	1.05	4065.50
16.05	19	SLU	3	574.00	15.33	-25412.30	8.23	3086.91
16.05	14	SLD	3	574.00	15.33	-19525.70	8.23	2371.85

Stato limite d'esercizio - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	My <daNm>	σ_f sup <daN/cmq>	σ_f inf <daN/cmq>	σ_c <daN/cmq>
0.80	23	SLE R	1	80.00	13.57	22.49	2462.44	-121.59	217.43	9.60
0.80	24	SLE R	1	80.00	13.57	22.49	-1587.17	224.50	-70.62	6.01
0.80	31	SLE Q	1	80.00	13.57	22.49	2452.80	-121.11	216.58	9.56
3.52	23	SLE R	1	352.00	19.85	19.35	-12275.70	1206.98	-548.89	44.32
3.52	31	SLE Q	1	352.00	19.85	19.35	-11103.80	1091.76	-496.49	40.09
4.32	24	SLE R	2	40.00	19.85	19.35	-19432.20	1910.64	-868.89	70.16
4.32	32	SLE Q	2	40.00	19.85	19.35	-17282.20	1699.24	-772.76	62.40
7.04	24	SLE R	2	311.89	6.28	12.19	12972.50	-864.54	2095.99	70.67
7.04	32	SLE Q	2	311.89	6.28	12.19	11459.00	-763.68	1851.46	62.43
9.91	23	SLE R	2	599.00	21.61	15.33	-24809.50	2266.25	-1188.01	94.41
9.91	31	SLE Q	2	599.00	21.61	15.33	-22084.50	2017.34	-1057.53	84.04
10.71	24	SLE R	3	40.00	21.61	15.33	-28036.80	2561.06	-1342.56	106.69
10.71	32	SLE Q	3	40.00	21.61	15.33	-24846.00	2269.59	-1189.76	94.55
13.93	23	SLE R	3	361.89	6.28	15.33	18686.40	-1185.48	2426.62	94.93
13.93	31	SLE Q	3	361.89	6.28	15.33	16504.30	-1047.04	2143.25	83.85
16.05	23	SLE R	3	574.00	6.28	15.33	-1843.46	556.55	-108.04	10.13
16.05	31	SLE Q	3	574.00	6.28	15.33	-1715.16	517.82	-100.52	9.42

Verifiche stato limite di formazione delle fessure

Caso	Xg <m>	CC	TCC	El	Sez.	Crit.	X <cm>	My <daNm>	c <mm>	s <mm>	K3	s_{rm} <mm>	Φ	A_s <cmq>	$A_{c\ eff}$ <cmq>	σ_s <daN/cmq>	σ_{sr} <daN/cmq>	ε_{sm}	Wk <mm>
44	0.80	32	SLE Q	1	6	1	80.00	-1595.93	23.00	115.00	0.17	140.52	24.00	13.57	595.75	225.74	1400.53	0.04	0.01
48	0.80	28	SLE F	1	6	1	80.00	-1592.64	23.00	115.00	0.17	140.52	24.00	13.57	595.75	225.27	1400.53	0.04	0.01
91	3.52	31	SLE Q	1	6	1	352.00	-11103.80	23.00	57.50	0.17	104.66	24.00	19.85	589.61	1091.76	1049.83	0.28	0.05
95	3.52	27	SLE F	1	6	1	352.00	-11397.80	23.00	57.50	0.17	104.66	24.00	19.85	589.61	1120.67	1049.83	0.31	0.05
140	4.32	32	SLE Q	2	6	1	40.00	-17282.20	23.00	57.50	0.17	104.66	24.00	19.85	589.61	1699.24	1049.83	0.67	0.12
144	4.32	28	SLE F	2	6	1	40.00	-17819.00	23.00	57.50	0.17	104.66	24.00	19.85	589.61	1752.03	1049.83	0.70	0.12
188	7.04	32	SLE Q	2	6	1	311.89	11459.00	23.00	115.00	0.16	142.41	24.00	12.19	574.14	1851.46	1393.57	0.64	0.16
192	7.04	28	SLE F	2	6	1	311.89	11837.40	23.00	115.00	0.16	142.41	24.00	12.19	574.14	1912.59	1393.57	0.68	0.17
235	9.91	31	SLE Q	2	6	1	599.00	-22084.50	23.00	46.00	0.16	97.56	24.00	21.61	586.62	2017.34	994.93	0.86	0.14
239	9.91	27	SLE F	2	6	1	599.00	-22766.50	23.00	46.00	0.16	97.56	24.00	21.61	586.62	2079.63	994.93	0.89	0.15
284	10.71	32	SLE Q	3	6	1	40.00	-24846.00	23.00	46.00	0.16	97.56	24.00	21.61	586.62	2269.59	994.93	1.00	0.17
288	10.71	28	SLE F	3	6	1	40.00	-25643.20	23.00	46.00	0.16	97.56	24.00	21.61	586.62	2342.42	994.93	1.03	0.17
331	13.93	31	SLE Q	3	6	1	361.89	16504.30	23.00	76.67	0.16	118.98	24.00	15.33	573.16	2143.25	1188.60	0.88	0.18
335	13.93	27	SLE F	3	6	1	361.89	17049.90	23.00	76.67	0.16	118.98	24.00	15.33	573.16	2214.11	1188.60	0.92	0.19
379	16.05	31	SLE Q	3	6	1	574.00	-1715.16	25.00	230.00	0.18	206.35	20.00	6.28	478.38	517.82	2468.10	0.10	0.04
383	16.05	27	SLE F	3	6	1	574.00	-1747.39	25.00	230.00	0.18	206.35	20.00	6.28	478.38	527.55	2468.10	0.10	0.04

Staffe - Verifiche armatura

CC	X0 <m>	X1 <m>	Lung. <m>	Staff.	AfE St. <cmq/m>	bw <m>	Vsdu <daN>	ctgθ	VRsd <daN>	VRcd <daN>	Sic.T
5 SLV	0.80	1.37	0.57	ø10/12 2 br.	13.09	0.30	26707.30	1.95	50911.60	50911.60	1.91
13 SLV	1.37	2.95	1.59	ø10/24 2 br.	6.54	0.30	29468.40	2.50	32557.70	43297.00	1.10
13 SLV	2.95	3.52	0.57	ø10/12 2 br.	13.09	0.30	33631.80	1.95	50911.60	50911.60	1.51
20 SLU	4.32	4.89	0.57	ø10/12 2 br.	13.09	0.30	32671.20	1.95	50911.60	50911.60	1.56
19 SLU	4.89	9.35	4.46	ø10/24 2 br.	6.54	0.30	28606.00	2.50	32557.70	43297.00	1.14
19 SLU	9.35	9.91	0.57	ø10/12 2 br.	13.09	0.30	35395.20	1.95	50911.60	50911.60	1.44
20 SLU	10.71	11.28	0.57	ø10/12 2 br.	13.09	0.30	39280.70	1.95	50911.60	50911.60	1.30
20 SLU	11.28	15.48	4.21	ø10/24 2 br.	6.54	0.30	32491.50	2.50	32557.70	43297.00	1.00
19 SLU	15.48	16.05	0.57	ø10/12 2 br.	13.09	0.30	25412.30	1.95	50911.60	50911.60	2.00

Travata n. 108 Nodi: 113 105 109 117

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf sup <cm>	Cf inf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Acc.	Fyk <daN/cmq>	Fyd <daN/cmq>
6	R	30.00	60.00	3.50	3.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	AfEP S <cmq>	AfEP I <cmq>	My <daNm>	Myu <daNm>	Sic.

0.30	5	SLV	1	30.00	6.28	13.57	6.28	6.20	-9241.01	-13325.20	1.442
1.65	17	SLU	1	164.61	6.28	13.57	6.28	11.36	15934.00	23784.00	1.493
3.62	13	SLV	1	362.00	21.61	13.57	21.61	3.70	-25455.80	-42165.10	1.656
4.22	20	SLU	2	30.00	21.61	13.57	21.61	2.26	-37423.10	-41509.50	1.109
6.92	20	SLU	2	300.12	6.28	13.57	6.28	12.52	24571.20	26158.70	1.065
9.66	19	SLU	2	574.00	39.71	13.57	39.71	1.93	-41064.60	-64506.50	1.571
10.46	20	SLU	3	15.00	39.71	27.14	39.71	11.12	-65423.50	-73247.20	1.120
13.69	19	SLU	3	338.46	12.19	27.14	12.19	26.16	40507.50	53056.80	1.310
16.05	13	SLV	3	574.00	12.19	27.14	12.19	8.85	-16700.50	-25536.10	1.529
0.30	6	SLD	1	30.00	6.28	13.57	6.28	6.20	-10068.60	-15423.80	1.532
1.65	2	SLD	1	164.61	6.28	13.57	6.28	11.36	10081.40	27477.50	2.726
3.62	14	SLD	1	362.00	21.61	13.57	21.61	3.70	-26719.20	-49861.80	1.866
4.22	6	SLD	2	30.00	21.61	13.57	21.61	2.26	-32399.70	-49336.40	1.523
6.92	6	SLD	2	300.12	6.28	13.57	6.28	12.52	15196.70	30217.30	1.988
9.66	14	SLD	2	574.00	39.71	13.57	39.71	1.93	-35730.20	-80608.30	2.256
10.46	6	SLD	3	15.00	39.71	27.14	39.71	11.12	-50075.40	-87728.20	1.752
13.69	14	SLD	3	338.46	12.19	27.14	12.19	26.16	24726.50	61848.90	2.501
16.05	14	SLD	3	574.00	12.19	27.14	12.19	8.85	-17464.80	-29476.40	1.688

Stato limite ultimo - Ferri longitudinali - Verifiche armatura a taglio

Xg <m>	CC	TCC	El	X <cm>	AfE I <cmq>	Tz <daN>	AfEP I <cmq>	σ_f inf <daN/cmq>
0.30	20	SLU	1	30.00	13.57	26080.00	7.38	3536.26
0.30	6	SLD	1	30.00	13.57	21954.10	7.38	2976.82
1.65	13	SLV	1	164.61	13.57	-5807.07	2.21	2623.06
1.65	14	SLD	1	164.61	13.57	-6436.88	2.21	2907.55
3.62	19	SLU	1	362.00	13.57	-38631.30	9.87	3913.04
3.62	14	SLD	1	362.00	13.57	-29307.80	9.87	2968.65
4.22	20	SLU	2	30.00	13.57	44248.10	11.31	3913.04
4.22	6	SLD	2	30.00	13.57	30122.80	11.31	2663.88
6.92	13	SLV	2	300.12	13.57	-3976.13	1.05	3795.74
6.92	14	SLD	2	300.12	13.57	-4391.39	1.05	4192.17
9.66	19	SLU	2	574.00	13.57	-45549.70	11.64	3913.04
9.66	14	SLD	2	574.00	13.57	-30928.30	11.64	2656.96
10.46	20	SLU	3	15.00	27.14	62695.30	16.02	3913.04
10.46	6	SLD	3	15.00	27.14	40991.00	16.02	2558.40
13.69	5	SLV	3	338.46	27.14	3176.08	0.98	3229.56
13.69	6	SLD	3	338.46	27.14	3512.57	0.98	3571.72
16.05	19	SLU	3	574.00	27.14	-45287.60	18.29	2475.77
16.05	14	SLD	3	574.00	27.14	-30603.50	18.29	1673.02

Stato limite d'esercizio - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	My <daNm>	σ_f sup <daN/cmq>	σ_f inf <daN/cmq>	σ_c <daN/cmq>
0.30	24	SLE R	1	30.00	6.28	13.57	-2465.71	745.58	-151.62	14.06
0.30	32	SLE Q	1	30.00	6.28	13.57	-2259.00	683.08	-138.91	12.88
1.65	21	SLE R	1	164.61	6.28	13.57	11078.50	-721.45	1615.63	58.39
1.65	29	SLE Q	1	164.61	6.28	13.57	9689.82	-631.02	1413.12	51.07
3.62	23	SLE R	1	362.00	21.61	13.57	-17206.00	1578.14	-855.69	67.76
3.62	31	SLE Q	1	362.00	21.61	13.57	-14744.30	1352.36	-733.27	58.07
4.22	24	SLE R	2	30.00	21.61	13.57	-26498.00	2430.41	-1317.80	104.36
4.22	32	SLE Q	2	30.00	21.61	13.57	-22501.10	2063.81	-1119.03	88.61
6.92	24	SLE R	2	300.12	6.28	13.57	17266.40	-1124.41	2518.04	91.00
6.92	32	SLE Q	2	300.12	6.28	13.57	14492.80	-943.80	2113.56	76.38
9.66	23	SLE R	2	574.00	39.71	13.57	-29027.50	1495.91	-1299.60	98.95
9.66	31	SLE Q	2	574.00	39.71	13.57	-24793.40	1277.71	-1110.03	84.51
10.46	24	SLE R	3	15.00	39.71	27.14	-45807.10	2287.72	-1606.04	124.21
10.46	32	SLE Q	3	15.00	39.71	27.14	-39578.90	1976.67	-1387.67	107.32
13.69	23	SLE R	3	338.46	12.19	27.14	28177.20	-1386.13	2089.08	107.71
13.69	31	SLE Q	3	338.46	12.19	27.14	24429.90	-1201.79	1811.25	93.38
16.05	23	SLE R	3	574.00	12.19	27.14	-11674.00	1826.25	-480.82	42.21
16.05	31	SLE Q	3	574.00	12.19	27.14	-10286.10	1609.13	-423.65	37.19

Verifiche stato limite di formazione delle fessure

Caso	Xg <m>	CC	TCC	El	Sez.	Crit.	X <cm>	My <daNm>	c <mm>	s <mm>	K3	s_{rm} <mm>	Φ	A_s <cmq>	$A_{c\ eff}$ <cmq>	σ_s <daN/cmq>	σ_{sr} <daN/cmq>	ε_{sm}	Wk <mm>
44	0.30	32	SLE Q	1	6	1	30.00	-2259.00	25.00	230.00	0.18	205.93	20.00	6.28	478.38	683.08	2442.63	0.13	0.05
48	0.30	28	SLE F	1	6	1	30.00	-2306.72	25.00	230.00	0.18	205.93	20.00	6.28	478.38	697.50	2442.63	0.14	0.05
89	1.65	29	SLE Q	1	6	1	164.61	9689.82	23.00	115.00	0.16	137.09	24.00	13.57	595.75	1413.12	1291.76	0.40	0.09
93	1.65	25	SLE F	1	6	1	164.61	10036.50	23.00	115.00	0.16	137.09	24.00	13.57	595.75	1463.67	1291.76	0.43	0.10
139	3.62	31	SLE Q	1	6	1	362.00	-14744.30	23.00	46.00	0.16	97.31	24.00	21.61	586.62	1352.36	987.82	0.48	0.08
143	3.62	27	SLE F	1	6	1	362.00	-15366.70	23.00	46.00	0.16	97.31	24.00	21.61	586.62	1409.44	987.82	0.52	0.09
188	4.22	32	SLE Q	2	6	1	30.00	-22501.10	23.00	46.00	0.16	97.31	24.00	21.61	586.62	2063.81	987.82	0.89	0.15
192	4.22	28	SLE F	2	6	1	30.00	-23498.50	23.00	46.00	0.16	97.31	24.00	21.61	586.62	2155.29	987.82	0.94	0.15
236	6.92	32	SLE Q	2	6	1	300.12	14492.80	23.00	115.00	0.16	137.09	24.00	13.57	595.75	2113.56	1291.76	0.83	0.19
240	6.92	28	SLE F	2	6	1	300.12	15186.20	23.00	115.00	0.16	137.09	24.00	13.57	595.75	2214.68	1291.76	0.89	0.21
283	9.66	31	SLE Q	2	6	1	574.00	-24793.40	25.00	25.56	0.15	73.59	20.00	39.71	600.62	1277.71	712.11	0.52	0.07
287	9.66	27	SLE F	2	6	1	574.00	-25853.80	25.00	25.56	0.15	73.59	20.00	39.71	600.62	1332.35	712.11	0.55	0.07
332	10.46	32	SLE Q	3	6	1	15.00	-39578.90	25.00	25.56	0.16	74.51	20.00	39.71	600.62	1976.67	741.34	0.89	0.11
336	10.46	28	SLE F	3	6	1	15.00	-41137.80	25.00	25.56	0.16	74.51	20.00	39.71	600.62	2054.52	741.34	0.93	0.12
379	13.69	31	SLE Q	3	6	1	338.46	24429.90	23.00	46.00	0.16	88.87	24.00	27.14	602.42	1811.25	861.33	0.78	0.12
383	13.69	27	SLE F	3	6	1	338.46	25367.60	23.00	46.00	0.16	88.87	24.00	27.14	602.42	1880.77	861.33	0.82	0.12
427	16.05	31	SLE Q	3	6	1	574.00	-10286.10	23.00	115.00	0.17	146.83	24.00	12.19	574.14	1609.13	1539.13	0.42	0.11
431	16.05	27	SLE F	3	6	1	574.00	-10630.40	23.00	115.00	0.17	146.83	24.00	12.19	574.14	1662.98	1539.13	0.46	0.12

Staffe - Verifiche armatura

CC	X0 <m>	X1 <m>	Lung. <m>	Staff.	AfE St. <cmq/m>	bw <m>	Vsdu <daN>	ctgθ	VRsd <daN>	VRcd <daN>	Sic.T
20 SLU	0.30	0.87	0.57	ø10/12 2 br.	13.09	0.30	26080.00	1.95	50911.60	50911.60	1.95
19 SLU	0.87	3.05	2.19	ø10/28 2 br.	5.61	0.30	27767.70	2.50	27906.60	43297.00	1.00
19 SLU	3.05	3.62	0.57	ø10/12 2 br.	13.09	0.30	38631.30	1.95	50911.60	50911.60	1.32
20 SLU	4.22	4.79	0.57	ø10/12 2 br.	13.09	0.30	44248.10	1.95	50911.60	50911.60	1.15
19 SLU	4.79	9.10	4.31	ø10/20 2 br.	7.85	0.30	36294.30	2.50	39069.30	43297.00	1.08
19 SLU	9.10	9.66	0.57	ø10/12 2 br.	13.09	0.30	45549.70	1.95	50911.60	50911.60	1.12
20 SLU	10.46	11.03	0.57	ø10/ 8 4 br.	39.27	0.30	62695.30	1.00	78138.60	62780.70	1.00
20 SLU	11.03	15.48	4.46	ø10/20 4 br.	15.71	0.30	51831.70	1.74	54291.60	54291.60	1.05
19 SLU	15.48	16.05	0.57	ø10/12 4 br.	26.18	0.30	45287.60	1.19	61864.20	61864.20	1.37

Travata n. 109 Nodi: 102 106 110 115 -4117 -4119 -4121 119

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf sup <cm>	Cf inf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Acc.	Fyk <daN/cmq>	Fyd <daN/cmq>
6	R	30.00	60.00	3.50	3.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	AfEP S <cmq>	AfEP I <cmq>	My <daNm>	Myu <daNm>	Sic.
0.30	5	SLV	1	30.00	6.28	9.05	6.28	6.42	3939.64	13618.60	3.457
1.45	20	SLU	1	144.75	6.28	9.05	6.28	7.85	5566.56	16561.90	2.975
3.62	5	SLV	1	362.00	13.95	9.05	13.95	4.54	-15504.10	-28807.00	1.858
4.22	20	SLU	2	30.00	13.95	12.19	13.95	4.30	-27458.90	-28765.10	1.048
7.05	19	SLU	2	313.50	6.28	12.19	6.28	11.40	18886.90	23876.90	1.264
9.86	19	SLU	2	594.00	12.57	12.19	12.57	4.54	-24752.30	-26133.40	1.056
10.46	13	SLV	3	15.00	12.57	12.19	12.57	5.79	-22208.00	-26220.90	1.181
13.66	13	SLV	3	334.58	6.28	12.19	6.28	7.86	9233.28	16588.90	1.797
14.35	5	SLV	3	404.00	8.29	18.47	8.29	9.99	-16543.20	-17493.60	1.057
0.30	6	SLD	1	30.00	6.28	9.05	6.28	6.42	4391.23	15761.90	3.589
1.45	14	SLD	1	144.75	6.28	9.05	6.28	7.85	3574.80	19152.50	5.358
3.62	6	SLD	1	362.00	13.95	9.05	13.95	4.54	-16355.90	-33430.60	2.044
4.22	14	SLD	2	30.00	13.95	12.19	13.95	4.30	-23578.30	-33411.00	1.417
7.05	6	SLD	2	313.50	6.28	12.19	6.28	11.40	11635.70	27584.40	2.371
9.86	6	SLD	2	594.00	12.57	12.19	12.57	4.54	-21375.00	-30246.00	1.415
10.46	14	SLD	3	15.00	12.57	12.19	12.57	5.79	-23501.20	-30300.10	1.289
13.66	14	SLD	3	334.58	6.28	12.19	6.28	7.86	10231.60	19183.40	1.875
14.35	6	SLD	3	404.00	8.29	18.47	8.29	9.99	-17928.80	-20222.10	1.128

Stato limite ultimo - Ferri longitudinali - Verifiche armatura a taglio

Xg <m>	CC	TCC	El	X <cm>	AfE I <cmq>	Tz <daN>	AfEP I <cmq>	σ_f inf <daN/cmq>
0.30	20	SLU	1	30.00	9.05	8946.48	2.62	3410.73
0.30	14	SLD	1	30.00	9.05	8680.79	2.62	3309.44
1.45	5	SLV	1	144.75	9.05	-3356.54	1.20	2792.90
1.45	6	SLD	1	144.75	9.05	-3736.75	1.20	3109.27
3.62	19	SLU	1	362.00	9.05	-17624.90	4.50	3913.04
3.62	6	SLD	1	362.00	9.05	-13877.50	4.50	3081.06
4.22	20	SLU	2	30.00	12.19	30885.80	7.89	3913.04
4.22	14	SLD	2	30.00	12.19	20948.40	7.89	2654.04
7.05	13	SLV	2	313.50	12.19	2462.41	0.79	3131.92
7.05	14	SLD	2	313.50	12.19	2738.20	0.79	3482.69
9.86	19	SLU	2	594.00	12.19	-29949.00	7.65	3913.04
9.86	6	SLD	2	594.00	12.19	-20399.30	7.65	2665.31
10.46	20	SLU	3	15.00	12.19	24237.20	6.40	3786.10
10.46	14	SLD	3	15.00	12.19	20528.30	6.40	3206.74
13.66	5	SLV	3	334.58	12.19	-12074.20	4.33	2788.27
13.66	6	SLD	3	334.58	12.19	-12762.90	4.33	2947.30
14.35	19	SLU	3	404.00	18.47	-18625.30	8.49	2194.52
14.35	6	SLD	3	404.00	18.47	-17221.80	8.49	2029.15

Stato limite d'esercizio - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	My <daNm>	σ_f sup <daN/cmq>	σ_f inf <daN/cmq>	σ_c <daN/cmq>
0.30	23	SLE R	1	30.00	6.28	9.05	613.32	-43.57	131.84	3.68
0.30	31	SLE Q	1	30.00	6.28	9.05	602.50	-42.80	129.51	3.61
1.45	24	SLE R	1	144.75	6.28	9.05	3931.75	-279.30	845.16	23.57
1.45	32	SLE Q	1	144.75	6.28	9.05	3340.80	-237.32	718.13	20.03
3.62	23	SLE R	1	362.00	13.95	9.05	-10638.20	1499.39	-640.05	52.09
3.62	31	SLE Q	1	362.00	13.95	9.05	-9220.35	1299.55	-554.74	45.15
4.22	24	SLE R	2	30.00	13.95	12.19	-19546.40	2734.64	-1087.35	89.32
4.22	32	SLE Q	2	30.00	13.95	12.19	-16769.90	2346.19	-932.90	76.63
7.05	23	SLE R	2	313.50	6.28	12.19	13280.90	-885.10	2145.82	72.35
7.05	31	SLE Q	2	313.50	6.28	12.19	11346.40	-756.17	1833.26	61.81
9.86	23	SLE R	2	594.00	12.57	12.19	-17581.80	2719.39	-997.15	82.84

9.86	31	SLE	Q	2	594.00	12.57	12.19	-15156.50	2344.27	-859.60	71.41							
10.46	24	SLE	R	3	15.00	12.57	12.19	-14716.00	2276.14	-834.62	69.34							
10.46	32	SLE	Q	3	15.00	12.57	12.19	-12690.60	1962.87	-719.74	59.79							
13.66	24	SLE	R	3	334.58	6.28	12.19	2094.53	-139.59	338.42	11.41							
13.66	32	SLE	Q	3	334.58	6.28	12.19	1884.55	-125.60	304.49	10.27							
14.35	23	SLE	R	3	404.00	8.29	18.47	-7151.97	1641.35	-372.67	33.71							
14.35	31	SLE	Q	3	404.00	8.29	18.47	-6344.22	1455.98	-330.58	29.90							

Verifiche stato limite di formazione delle fessure

Caso	Xg	CC	TCC	El	Sez.	Crit.	X	My	c	s	K3	s_{rm}	Φ	A_s	$A_{c\ eff}$	σ_s	σ_{sr}	ε_{sm}	Wk
	<m>						<cm>	<daNm>	<mm>	<mm>		<mm>		<cmq>	<cmq>	<daN/cmq>	<daN/cmq>		<mm>
43	0.30	31	SLE Q	1	6	1	30.00	602.50	23.00	230.00	0.16	191.32	24.00	9.05	570.42	129.51	1739.91	0.03	0.01
47	0.30	27	SLE F	1	6	1	30.00	609.31	23.00	230.00	0.16	191.32	24.00	9.05	570.42	130.98	1739.91	0.03	0.01
92	1.45	32	SLE Q	1	6	1	144.75	3340.80	23.00	230.00	0.16	191.32	24.00	9.05	570.42	718.13	1739.91	0.14	0.05
96	1.45	28	SLE F	1	6	1	144.75	3487.90	23.00	230.00	0.16	191.32	24.00	9.05	570.42	749.75	1739.91	0.15	0.05
139	3.62	31	SLE Q	1	6	1	362.00	-9220.35	23.00	76.67	0.16	123.44	24.00	13.95	553.59	1299.55	1281.73	0.32	0.07
143	3.62	27	SLE F	1	6	1	362.00	-9583.58	23.00	76.67	0.16	123.44	24.00	13.95	553.59	1350.74	1281.73	0.36	0.08
188	4.22	32	SLE Q	2	6	1	30.00	-16769.90	23.00	76.67	0.16	124.10	24.00	13.95	553.59	2346.19	1302.27	0.96	0.20
192	4.22	28	SLE F	2	6	1	30.00	-17461.50	23.00	76.67	0.16	124.10	24.00	13.95	553.59	2442.95	1302.27	1.02	0.21
235	7.05	31	SLE Q	2	6	1	313.50	11346.40	23.00	115.00	0.16	142.41	24.00	12.19	574.14	1833.26	1393.57	0.63	0.15
239	7.05	27	SLE F	2	6	1	313.50	11831.10	23.00	115.00	0.16	142.41	24.00	12.19	574.14	1911.58	1393.57	0.68	0.16
283	9.86	31	SLE Q	2	6	1	594.00	-15156.50	25.00	76.67	0.18	123.53	20.00	12.57	516.10	2344.27	1407.75	0.93	0.20
287	9.86	27	SLE F	2	6	1	594.00	-15763.30	25.00	76.67	0.18	123.53	20.00	12.57	516.10	2438.13	1407.75	0.99	0.21
332	10.46	32	SLE Q	3	6	1	15.00	-12690.60	25.00	76.67	0.18	123.53	20.00	12.57	516.10	1962.87	1407.75	0.71	0.15
336	10.46	28	SLE F	3	6	1	15.00	-13203.00	25.00	76.67	0.18	123.53	20.00	12.57	516.10	2042.13	1407.75	0.76	0.16
380	13.66	32	SLE Q	3	6	1	334.58	1884.55	23.00	115.00	0.16	142.41	24.00	12.19	574.14	304.49	1393.57	0.06	0.01
384	13.66	28	SLE F	3	6	1	334.58	1938.76	23.00	115.00	0.16	142.41	24.00	12.19	574.14	313.25	1393.57	0.06	0.01
427	14.35	31	SLE Q	3	6	1	404.00	-6344.22	25.00	115.00	0.18	158.25	20.00	8.29	487.01	1455.98	1997.40	0.28	0.08
431	14.35	27	SLE F	3	6	1	404.00	-6542.94	25.00	115.00	0.18	158.25	20.00	8.29	487.01	1501.58	1997.40	0.29	0.08

Staffe - Verifiche armatura

CC	X0	X1	Lung.	Staff.	AfE St.	bw	Vsdu	ctgθ	VRsd	VRcd	Sic.T
	<m>	<m>	<m>		<cmq/m>	<m>	<daN>		<daN>	<daN>	
20 SLU	0.30	0.87	0.57	ø10/12 2 br.	13.09	0.30	8946.48	1.95	50911.60	50911.60	5.69
19 SLU	0.87	3.05	2.19	ø10/32 2 br.	4.91	0.30	13219.90	2.50	24418.30	43297.00	1.85
19 SLU	3.05	3.62	0.57	ø10/12 2 br.	13.09	0.30	17624.90	1.95	50911.60	50911.60	2.89
20 SLU	4.22	4.79	0.57	ø10/12 2 br.	13.09	0.30	30885.80	1.95	50911.60	50911.60	1.65
20 SLU	4.79	9.29	4.51	ø10/28 2 br.	5.61	0.30	24841.60	2.50	27906.60	43297.00	1.12
19 SLU	9.29	9.86	0.57	ø10/12 2 br.	13.09	0.30	29949.00	1.95	50911.60	50911.60	1.70
20 SLU	10.46	11.03	0.57	ø10/12 2 br.	13.09	0.30	24237.20	1.95	50911.60	50911.60	2.10
20 SLU	11.03	13.79	2.76	ø10/32 2 br.	4.91	0.30	18193.00	2.50	24418.30	43297.00	1.34

Travata n. 110 Nodi: 107 111 116 -4118 -4120 -4122 120

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B	H	Cf sup	Cf inf	Cls	Fck	Fctk	Fcd	Fctd	Acc.	Fyk	Fyd
		<cm>	<cm>	<cm>	<cm>		<daN/cmq>	<daN/cmq>	<daN/cmq>	<daN/cmq>		<daN/cmq>	<daN/cmq>
6	R	30.00	60.00	3.50	3.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Ferri longitudinali - Verifiche armatura

Xg	CC	TCC	El	X	AfE S	AfE I	AfEP S	AfEP I	My	Myu	Sic.
<m>				<cm>	<cmq>	<cmq>	<cmq>	<cmq>	<daNm>	<daNm>	
0.17	13	SLV	1	17.50	6.28	9.05	6.28	4.71	-10338.00	-13323.80	1.289
2.80	19	SLU	1	280.09	6.28	9.05	6.28	8.53	14470.40	17973.10	1.242
5.94	19	SLU	1	594.00	9.42	9.05	9.42	3.97	-18045.00	-19777.70	1.096
6.54	13	SLV	2	15.00	9.42	9.05	9.42	5.31	-16233.90	-19806.80	1.220
10.01	5	SLV	2	362.14	6.28	9.05	6.28	6.29	-7867.01	-13325.10	1.694
10.43	5	SLV	2	404.00	12.57	15.33	12.57	10.11	-12250.00	-26324.70	2.149
0.17	14	SLD	1	17.50	6.28	9.05	6.28	4.71	-10951.20	-15424.70	1.409
2.80	6	SLD	1	280.09	6.28	9.05	6.28	8.53	9840.96	20779.90	2.112
5.94	6	SLD	1	594.00	9.42	9.05	9.42	3.97	-16462.60	-22883.20	1.390
6.54	14	SLD	2	15.00	9.42	9.05	9.42	5.31	-17410.00	-22899.40	1.315
10.01	6	SLD	2	362.14	6.28	9.05	6.28	6.29	-8848.10	-15423.70	1.743
10.43	6	SLD	2	404.00	12.57	15.33	12.57	10.11	-13491.10	-30382.20	2.252

Stato limite ultimo - Ferri longitudinali - Verifiche armatura a taglio

Xg	CC	TCC	El	X	AfE I	Tz	AfEP I	σ_f inf
<m>				<cm>	<cmq>	<daN>	<cmq>	<daN/cmq>
0.17	20	SLU	1	17.50	9.05	16965.60	4.34	3913.04
0.17	14	SLD	1	17.50	9.05	12622.00	4.34	2911.21
2.80	13	SLV	1	280.09	9.05	1634.68	0.52	3154.74
2.80	14	SLD	1	280.09	9.05	1847.49	0.52	3565.45
5.94	19	SLU	1	594.00	9.05	-19878.50	5.08	3913.04
5.94	6	SLD	1	594.00	9.05	-14534.40	5.08	2861.07
6.54	20	SLU	2	15.00	9.05	14637.40	3.74	3913.04
6.54	14	SLD	2	15.00	9.05	14243.70	3.74	3807.79
10.01	5	SLV	2	362.14	9.05	-9612.82	2.76	3484.37
10.01	6	SLD	2	362.14	9.05	-10234.20	2.76	3709.61
10.43	5	SLV	2	404.00	15.33	-11330.20	5.23	2168.37
10.43	6	SLD	2	404.00	15.33	-11951.60	5.23	2287.30

Stato limite d'esercizio - Ferri longitudinali - Verifiche armatura

Xg	CC	TCC	El	X	AfE S	AfE I	My	σ_f sup	σ_f inf	σ_c

<m>					<cm>	<cmq>	<cmq>	<daNm>	<daN/cmq>	<daN/cmq>	<daN/cmq>
0.17	24	SLE	R	1	17.50	6.28	9.05	-6846.20	2081.55	-480.49	43.31
0.17	32	SLE	Q	1	17.50	6.28	9.05	-6388.74	1942.46	-448.38	40.42
2.80	23	SLE	R	1	280.09	6.28	9.05	10020.20	-711.81	2153.92	60.07
2.80	31	SLE	Q	1	280.09	6.28	9.05	9393.96	-667.33	2019.31	56.32
5.94	23	SLE	R	1	594.00	9.42	9.05	-12612.20	2590.07	-820.33	69.70
5.94	31	SLE	Q	1	594.00	9.42	9.05	-11900.70	2443.95	-774.05	65.77
6.54	24	SLE	R	2	15.00	9.42	9.05	-9270.24	1903.76	-602.96	51.23
6.54	32	SLE	Q	2	15.00	9.42	9.05	-8658.29	1778.09	-563.16	47.85
10.01	23	SLE	R	2	362.14	6.28	9.05	-1514.51	460.48	-106.29	9.58
10.01	31	SLE	Q	2	362.14	6.28	9.05	-1545.30	469.84	-108.45	9.78
10.43	23	SLE	R	2	404.00	12.57	15.33	-4370.00	672.17	-229.88	19.30
10.43	31	SLE	Q	2	404.00	12.57	15.33	-4252.62	654.11	-223.70	18.78

Verifiche stato limite di formazione delle fessure

Caso	Xg <m>	CC	TCC	El	Sez.	Crit.	X <cm>	My <daNm>	c <mm>	s <mm>	K3	s_{rm} <mm>	Φ	A_s <cmq>	$A_{c\ eff}$ <cmq>	σ_s <daN/cmq>	σ_{sr} <daN/cmq>	ε_{sm}	Wk <mm>
44	0.17	32	SLE Q	1	6	1	17.50	-6388.74	25.00	230.00	0.18	204.77	20.00	6.28	478.38	1942.46	2373.76	0.38	0.13
48	0.17	28	SLE F	1	6	1	17.50	-6500.49	25.00	230.00	0.18	204.77	20.00	6.28	478.38	1976.44	2373.76	0.38	0.13
91	2.80	31	SLE Q	1	6	1	280.09	9393.96	23.00	230.00	0.16	191.32	24.00	9.05	570.42	2019.31	1739.91	0.62	0.20
95	2.80	27	SLE F	1	6	1	280.09	9551.41	23.00	230.00	0.16	191.32	24.00	9.05	570.42	2053.15	1739.91	0.64	0.21
139	5.94	31	SLE Q	1	6	1	594.00	-11900.70	25.00	115.00	0.18	149.79	20.00	9.42	510.80	2443.95	1714.80	0.89	0.23
143	5.94	27	SLE F	1	6	1	594.00	-12079.90	25.00	115.00	0.18	149.79	20.00	9.42	510.80	2480.76	1714.80	0.92	0.23
188	6.54	32	SLE Q	2	6	1	15.00	-8658.29	25.00	115.00	0.18	149.79	20.00	9.42	510.80	1778.09	1714.80	0.46	0.12
192	6.54	28	SLE F	2	6	1	15.00	-8812.12	25.00	115.00	0.18	149.79	20.00	9.42	510.80	1809.68	1714.80	0.48	0.12
235	10.01	31	SLE Q	2	6	1	362.14	-1545.30	25.00	230.00	0.18	204.77	20.00	6.28	478.38	469.84	2373.76	0.09	0.03
239	10.01	27	SLE F	2	6	1	362.14	-1538.13	25.00	230.00	0.18	204.77	20.00	6.28	478.38	467.66	2373.76	0.09	0.03
283	10.43	31	SLE Q	2	6	1	404.00	-4252.62	25.00	76.67	0.18	123.97	20.00	12.57	516.10	654.11	1429.91	0.13	0.03
287	10.43	27	SLE F	2	6	1	404.00	-4282.46	25.00	76.67	0.18	123.97	20.00	12.57	516.10	658.70	1429.91	0.13	0.03

Staffe - Verifiche armatura

CC	X0 <m>	X1 <m>	Lung. <m>	Staff.	AfE St. <cmq/m>	bw <m>	Vsdu <daN>	ctgθ	VRsd <daN>	VRcd <daN>	Sic.T
20 SLU	0.17	0.74	0.57	ø10/12 2 br.	13.09	0.30	16965.60	1.95	50911.60	50911.60	3.00
19 SLU	0.74	5.38	4.63	ø10/32 2 br.	4.91	0.30	16300.50	2.50	24418.30	43297.00	1.50
19 SLU	5.38	5.94	0.57	ø10/12 2 br.	13.09	0.30	19878.50	1.95	50911.60	50911.60	2.56
20 SLU	6.54	7.11	0.57	ø10/12 2 br.	13.09	0.30	14637.40	1.95	50911.60	50911.60	3.48
13 SLV	7.11	9.87	2.76	ø10/32 2 br.	4.91	0.30	11304.00	2.50	24418.30	43297.00	2.16

Travata n. 201 Nodi: 201 213 -4246 -4247 -4248 214 202 203

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf sup <cm>	Cf inf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Acc.	Fyk <daN/cmq>	Fyd <daN/cmq>
7	R	30.00	29.00	3.50	3.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04
10	R	30.00	22.00	3.50	3.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	AfEP S <cmq>	AfEP I <cmq>	My <daNm>	Myu <daNm>	Sic.
0.30	18	SLU	1	30.00	4.02	4.02	4.02	3.58	-2641.68	-3750.74	1.420
5.52	18	SLU	1	551.59	4.02	4.02	4.02	4.00	1318.56	3728.50	2.828
9.75	17	SLU	1	975.00	8.04	8.04	8.04	7.27	-1699.61	-7214.30	4.245
11.75	18	SLU	6	0.00	4.02	4.02	4.02	3.69	-1710.59	-3750.65	2.193
15.63	18	SLU	6	388.08	4.02	4.02	4.02	3.97	460.52	3703.79	8.043
17.64	17	SLU	6	589.00	4.02	4.02	4.02	3.79	-590.34	-3750.60	6.353
17.94	18	SLU	7	0.00	8.04	4.02	8.04	3.84	-469.79	-4989.59	10.621
20.58	18	SLU	7	263.98	4.02	4.02	4.02	3.99	311.24	2629.69	8.449
22.26	17	SLU	7	432.00	4.02	4.02	4.02	3.87	-245.64	-2649.09	10.785

Stato limite ultimo - Ferri longitudinali - Verifiche armatura a taglio

Xg <m>	CC	TCC	El	X <cm>	AfE I <cmq>	Tz <daN>	AfEP I <cmq>	σ_f inf <daN/cmq>
0.30	18	SLU	1	30.00	4.02	1473.68	0.44	3362.40
5.52	17	SLU	1	551.59	4.02	-76.30	0.03	3014.90
9.75	17	SLU	1	975.00	8.04	-1273.50	0.77	1656.31
11.75	18	SLU	6	0.00	4.02	1097.31	0.34	3268.80
15.63	17	SLU	6	388.08	4.02	-163.34	0.05	3036.54
17.64	17	SLU	6	589.00	4.02	-731.43	0.23	3177.81
17.94	18	SLU	7	0.00	4.02	568.27	0.18	3137.24
20.58	17	SLU	7	263.98	4.02	-98.09	0.03	3020.32
22.26	17	SLU	7	432.00	4.02	-458.49	0.15	3109.94

Stato limite d'esercizio - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	My <daNm>	σ_f sup <daN/cmq>	σ_f inf <daN/cmq>	σ_c <daN/cmq>
0.30	22	SLE R	1	30.00	4.02	4.02	-2039.96	2227.22	-495.25	61.89
0.30	30	SLE Q	1	30.00	4.02	4.02	-1991.15	2173.93	-483.40	60.41
5.52	22	SLE R	1	551.59	4.02	4.02	1014.69	-246.34	1107.83	30.79
5.52	30	SLE Q	1	551.59	4.02	4.02	1007.52	-244.60	1100.01	30.57
9.75	21	SLE R	1	975.00	8.04	8.04	-1383.17	772.01	-271.10	29.14
9.75	29	SLE Q	1	975.00	8.04	8.04	-1434.60	800.71	-281.18	30.22

11.75	22	SLE	R	6	0.00	4.02	4.02	-1343.00	1466.28	-326.04	40.75							
11.75	30	SLE	Q	6	0.00	4.02	4.02	-1266.96	1383.27	-307.58	38.44							
15.63	22	SLE	R	6	388.08	4.02	4.02	377.08	-91.55	411.70	11.44							
15.63	30	SLE	Q	6	388.08	4.02	4.02	358.20	-86.96	391.08	10.87							
17.64	21	SLE	R	6	589.00	4.02	4.02	-509.69	556.48	-123.74	15.46							
17.64	29	SLE	Q	6	589.00	4.02	4.02	-575.11	627.91	-139.62	17.45							
17.94	22	SLE	R	7	0.00	8.04	4.02	-401.80	319.68	-140.67	16.54							
17.94	30	SLE	Q	7	0.00	8.04	4.02	-383.86	305.40	-134.38	15.80							
20.58	22	SLE	R	7	263.98	4.02	4.02	241.43	-82.08	372.55	12.54							
20.58	30	SLE	Q	7	263.98	4.02	4.02	234.02	-79.56	361.12	12.16							
22.26	21	SLE	R	7	432.00	4.02	4.02	-213.12	328.87	-72.45	11.07							
22.26	29	SLE	Q	7	432.00	4.02	4.02	-235.57	363.51	-80.08	12.24							

Verifiche stato limite di formazione delle fessure

Caso	Xg <m>	CC	TCC	El	Sez.	Crit.	X <cm>	My <daNm>	c <mm>	s <mm>	K3	s_{rm} <mm>	Φ	A_s <cmq>	$A_{c\ eff}$ <cmq>	σ_s <daN/cmq>	σ_{sr} <daN/cmq>	ε_{sm}	Wk <mm>
10	0.30	30	SLE	Q	1	7	2	30.00	-1991.15	27.00	224.00	0.13	172.57	16.00	2.01	185.40	2173.93	1935.77	0.64	0.19
14	0.30	26	SLE	F	1	7	2	30.00	-2002.73	27.00	224.00	0.13	172.57	16.00	2.01	185.40	2186.57	1935.77	0.65	0.19
26	5.52	30	SLE	Q	1	7	2	551.59	1007.52	27.00	224.00	0.13	172.57	16.00	2.01	185.40	1100.01	1935.77	0.21	0.06
30	5.52	26	SLE	F	1	7	2	551.59	1009.17	27.00	224.00	0.13	172.57	16.00	2.01	185.40	1101.81	1935.77	0.21	0.06
41	9.75	29	SLE	Q	1	7	2	975.00	-1434.60	27.00	76.67	0.13	112.25	16.00	8.04	431.45	800.71	1180.75	0.16	0.03
45	9.75	25	SLE	F	1	7	2	975.00	-1422.48	27.00	76.67	0.13	112.25	16.00	8.04	431.45	793.95	1180.75	0.15	0.03
58	11.75	30	SLE	Q	6	7	2	0.00	-1266.96	27.00	224.00	0.13	172.57	16.00	2.01	185.40	1383.27	1935.77	0.27	0.08
62	11.75	26	SLE	F	6	7	2	0.00	-1284.88	27.00	224.00	0.13	172.57	16.00	2.01	185.40	1402.83	1935.77	0.27	0.08
74	15.63	30	SLE	Q	6	7	2	388.08	358.20	27.00	224.00	0.13	172.57	16.00	2.01	185.40	391.08	1935.77	0.08	0.02
78	15.63	26	SLE	F	6	7	2	388.08	362.65	27.00	224.00	0.13	172.57	16.00	2.01	185.40	395.94	1935.77	0.08	0.02
89	17.64	29	SLE	Q	6	7	2	589.00	-575.11	27.00	224.00	0.13	172.57	16.00	2.01	185.40	627.91	1935.77	0.12	0.04
93	17.64	25	SLE	F	6	7	2	589.00	-559.70	27.00	224.00	0.13	172.57	16.00	2.01	185.40	611.07	1935.77	0.12	0.03
106	17.94	30	SLE	Q	7	10	2	0.00	-383.86	27.00	76.67	0.13	112.25	16.00	8.04	431.45	305.40	945.73	0.06	0.01
110	17.94	26	SLE	F	7	10	2	0.00	-388.26	27.00	76.67	0.13	112.25	16.00	8.04	431.45	308.90	945.73	0.06	0.01
122	20.58	30	SLE	Q	7	10	2	263.98	234.02	27.00	224.00	0.13	172.57	16.00	2.01	185.40	361.12	1594.26	0.07	0.02
126	20.58	26	SLE	F	7	10	2	263.98	235.80	27.00	224.00	0.13	172.57	16.00	2.01	185.40	363.86	1594.26	0.07	0.02
137	22.26	29	SLE	Q	7	10	2	432.00	-235.57	27.00	224.00	0.13	172.57	16.00	2.01	185.40	363.51	1594.26	0.07	0.02
141	22.26	25	SLE	F	7	10	2	432.00	-230.12	27.00	224.00	0.13	172.57	16.00	2.01	185.40	355.10	1594.26	0.07	0.02

Staffe - Verifiche armatura

CC	X0 <m>	X1 <m>	Lung. <m>	Staff.	AfE St. <cmq/m>	bw <m>	Vsdu <daN>	ctgθ	VRsd <daN>	VRcd <daN>	Sic.T
18 SLU	0.30	0.56	0.26	ø10/ 4 2 br.	39.27	0.30	1473.68	1.00	35266.10	28334.60	19.23
18 SLU	0.56	9.49	8.94	ø10/20 2 br.	7.85	0.30	1401.58	2.50	17633.00	19541.10	12.58
17 SLU	9.75	11.75	2.00	ø10/20 2 br.	7.85	0.30	1600.64	2.50	17633.00	19541.10	11.02
18 SLU	11.75	12.01	0.26	ø10/ 4 2 br.	39.27	0.30	1097.31	1.00	35266.10	28334.60	25.82
18 SLU	12.01	17.39	5.38	ø10/20 2 br.	7.85	0.30	1025.21	2.50	17633.00	19541.10	17.20
17 SLU	17.39	17.64	0.26	ø10/ 4 2 br.	39.27	0.30	731.43	1.00	35266.10	28334.60	38.74
18 SLU	17.94	18.13	0.19	ø10/ 4 2 br.	39.27	0.30	568.27	1.00	25585.20	20556.50	36.17
18 SLU	18.13	22.07	3.95	ø10/12 2 br.	13.09	0.30	528.58	1.95	16670.20	16670.20	31.54
17 SLU	22.07	22.26	0.19	ø10/ 4 2 br.	39.27	0.30	458.49	1.00	25585.20	20556.50	44.84

Travata n. 202 Nodi: 204 205 206 207

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf sup <cm>	Cf inf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Acc.	Fyk <daN/cmq>	Fyd <daN/cmq>
7	R	30.00	29.00	3.50	3.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04
10	R	30.00	22.00	3.50	3.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	AfEP S <cmq>	AfEP I <cmq>	My <daNm>	Myu <daNm>	Sic.
0.30	18	SLU	1	30.00	4.02	4.02	4.02	3.59	-2627.06	-3750.71	1.428
5.46	18	SLU	1	546.21	4.02	4.02	4.02	4.00	1254.14	3731.37	2.975
9.75	17	SLU	1	975.00	8.04	4.02	8.04	3.64	-1768.05	-7189.39	4.066
10.05	18	SLU	2	30.00	4.02	4.02	4.02	3.65	-1920.73	-3750.67	1.953
14.40	18	SLU	2	464.75	4.02	4.02	4.02	3.99	834.26	3724.92	4.465
17.64	17	SLU	2	789.00	4.02	4.02	4.02	3.71	-1059.33	-3750.63	3.541
17.94	18	SLU	3	0.00	8.04	4.02	8.04	3.81	-825.91	-4989.13	6.041
21.08	18	SLU	3	313.83	4.02	4.02	4.02	3.98	260.07	2622.14	10.083
22.16	17	SLU	3	422.00	4.02	4.02	4.02	3.90	-186.16	-2649.07	14.230

Stato limite ultimo - Ferri longitudinali - Verifiche armatura a taglio

Xg <m>	CC	TCC	El	X <cm>	AfE I <cmq>	Tz <daN>	AfEP I <cmq>	σ_f inf <daN/cmq>
0.30	18	SLU	1	30.00	4.02	1459.57	0.43	3358.89
5.46	17	SLU	1	546.21	4.02	-66.35	0.02	3012.42
9.75	17	SLU	1	975.00	4.02	-1278.76	0.39	3313.93
10.05	18	SLU	2	30.00	4.02	1230.88	0.37	3302.02
14.40	17	SLU	2	464.75	4.02	-88.86	0.03	3018.02
17.64	17	SLU	2	789.00	4.02	-1005.68	0.31	3246.02
17.94	18	SLU	3	0.00	4.02	675.09	0.21	3163.80
21.08	17	SLU	3	313.83	4.02	-136.97	0.05	3029.99
22.16	17	SLU	3	422.00	4.02	-369.00	0.12	3087.69

Stato limite d'esercizio - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	My <daNm>	σ_f sup <daN/cmq>	σ_f inf <daN/cmq>	σ_c <daN/cmq>
0.30	22	SLE R	1	30.00	4.02	4.02	-2022.25	2207.89	-490.95	61.35
0.30	30	SLE Q	1	30.00	4.02	4.02	-1968.71	2149.43	-477.95	59.73
5.46	22	SLE R	1	546.21	4.02	4.02	964.51	-234.16	1053.05	29.26
5.46	30	SLE Q	1	546.21	4.02	4.02	959.44	-232.93	1047.51	29.11
9.75	21	SLE R	1	975.00	8.04	4.02	-1430.46	803.20	-333.44	34.28
9.75	29	SLE Q	1	975.00	8.04	4.02	-1483.38	832.92	-345.77	35.55
10.05	22	SLE R	2	30.00	4.02	4.02	-1500.64	1638.40	-364.32	45.53
10.05	30	SLE Q	2	30.00	4.02	4.02	-1471.09	1606.13	-357.14	44.63
14.40	22	SLE R	2	464.75	4.02	4.02	644.33	-156.43	703.48	19.55
14.40	30	SLE Q	2	464.75	4.02	4.02	639.89	-155.35	698.63	19.41
17.64	21	SLE R	2	789.00	4.02	4.02	-871.16	951.13	-211.50	26.43
17.64	29	SLE Q	2	789.00	4.02	4.02	-900.25	982.89	-218.56	27.31
17.94	22	SLE R	3	0.00	8.04	4.02	-654.92	521.06	-229.28	26.96
17.94	30	SLE Q	3	0.00	8.04	4.02	-632.59	503.29	-221.46	26.04
21.08	22	SLE R	3	313.83	4.02	4.02	217.25	-73.85	335.23	11.29
21.08	30	SLE Q	3	313.83	4.02	4.02	203.89	-69.31	314.63	10.59
22.16	21	SLE R	3	422.00	4.02	4.02	-184.46	284.65	-62.71	9.58
22.16	29	SLE Q	3	422.00	4.02	4.02	-208.48	321.71	-70.88	10.83

Verifiche stato limite di formazione delle fessure

Caso	Xg <m>	CC	TCC	El	Sez.	Crit.	X <cm>	My <daNm>	c <mm>	s <mm>	K3	s_{rm} <mm>	Φ	A_s <cmq>	$A_{c\ eff}$ <cmq>	σ_s <daN/cmq>	σ_{sr} <daN/cmq>	ε_{sm}	Wk <mm>
10	0.30	30	SLE Q	1	7	2	30.00	-1968.71	27.00	224.00	0.13	172.57	16.00	2.01	185.40	2149.43	1935.77	0.62	0.18
14	0.30	26	SLE F	1	7	2	30.00	-1981.45	27.00	224.00	0.13	172.57	16.00	2.01	185.40	2163.34	1935.77	0.63	0.18
26	5.46	30	SLE Q	1	7	2	546.21	959.44	27.00	224.00	0.13	172.57	16.00	2.01	185.40	1047.51	1935.77	0.20	0.06
30	5.46	26	SLE F	1	7	2	546.21	960.64	27.00	224.00	0.13	172.57	16.00	2.01	185.40	1048.82	1935.77	0.20	0.06
41	9.75	29	SLE Q	1	7	2	975.00	-1483.38	27.00	76.67	0.13	112.25	16.00	8.04	431.45	832.92	1135.62	0.16	0.03
45	9.75	25	SLE F	1	7	2	975.00	-1470.80	27.00	76.67	0.13	112.25	16.00	8.04	431.45	825.85	1135.62	0.16	0.03
58	10.05	30	SLE Q	2	7	2	30.00	-1471.09	27.00	224.00	0.13	172.57	16.00	2.01	185.40	1606.13	1935.77	0.31	0.09
62	10.05	26	SLE F	2	7	2	30.00	-1477.89	27.00	224.00	0.13	172.57	16.00	2.01	185.40	1613.55	1935.77	0.31	0.09
74	14.40	30	SLE Q	2	7	2	464.75	639.89	27.00	224.00	0.13	172.57	16.00	2.01	185.40	698.63	1935.77	0.14	0.04
78	14.40	26	SLE F	2	7	2	464.75	640.92	27.00	224.00	0.13	172.57	16.00	2.01	185.40	699.75	1935.77	0.14	0.04
89	17.64	29	SLE Q	2	7	2	789.00	-900.25	27.00	224.00	0.13	172.57	16.00	2.01	185.40	982.89	1935.77	0.19	0.06
93	17.64	25	SLE F	2	7	2	789.00	-893.55	27.00	224.00	0.13	172.57	16.00	2.01	185.40	975.58	1935.77	0.19	0.06
106	17.94	30	SLE Q	3	10	2	0.00	-632.59	27.00	76.67	0.13	112.25	16.00	8.04	431.45	503.29	945.73	0.10	0.02
110	17.94	26	SLE F	3	10	2	0.00	-638.09	27.00	76.67	0.13	112.25	16.00	8.04	431.45	507.67	945.73	0.10	0.02
122	21.08	30	SLE Q	3	10	2	313.83	203.89	27.00	224.00	0.13	172.57	16.00	2.01	185.40	314.63	1594.26	0.06	0.02
126	21.08	26	SLE F	3	10	2	313.83	207.15	27.00	224.00	0.13	172.57	16.00	2.01	185.40	319.65	1594.26	0.06	0.02
137	22.16	29	SLE Q	3	10	2	422.00	-208.48	27.00	224.00	0.13	172.57	16.00	2.01	185.40	321.71	1594.26	0.06	0.02
141	22.16	25	SLE F	3	10	2	422.00	-202.61	27.00	224.00	0.13	172.57	16.00	2.01	185.40	312.65	1594.26	0.06	0.02

Staffe - Verifiche armatura

CC	X0 <m>	X1 <m>	Lung. <m>	Staff.	AfE St. <cmq/m>	bw <m>	Vsdu <daN>	ctgθ	VRsd <daN>	VRcd <daN>	Sic.T
18 SLU	0.30	0.56	0.26	ø10/ 4 2 br.	39.27	0.30	1459.57	1.00	35266.10	28334.60	19.41
18 SLU	0.56	9.49	8.94	ø10/20 2 br.	7.85	0.30	1387.47	2.50	17633.00	19541.10	12.71
17 SLU	9.49	9.75	0.26	ø10/ 4 2 br.	39.27	0.30	1278.76	1.00	35266.10	28334.60	22.16
18 SLU	10.05	10.31	0.26	ø10/ 4 2 br.	39.27	0.30	1230.88	1.00	35266.10	28334.60	23.02
18 SLU	10.31	17.39	7.08	ø10/20 2 br.	7.85	0.30	1158.78	2.50	17633.00	19541.10	15.22
17 SLU	17.39	17.64	0.26	ø10/ 4 2 br.	39.27	0.30	1005.68	1.00	35266.10	28334.60	28.17
18 SLU	17.94	18.13	0.19	ø10/ 4 2 br.	39.27	0.30	675.09	1.00	25585.20	20556.50	30.45
18 SLU	18.13	21.98	3.85	ø10/12 2 br.	13.09	0.30	635.41	1.95	16670.20	16670.20	26.24
17 SLU	21.98	22.16	0.19	ø10/ 4 2 br.	39.27	0.30	369.00	1.00	25585.20	20556.50	55.71

Travata n. 203 Nodi: 208 209 210 211

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf sup <cm>	Cf inf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Acc.	Fyk <daN/cmq>	Fyd <daN/cmq>
7	R	30.00	29.00	3.50	3.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04
10	R	30.00	22.00	3.50	3.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	AfEP S <cmq>	AfEP I <cmq>	My <daNm>	Myu <daNm>	Sic.
0.30	18	SLU	1	30.00	4.02	4.02	4.02	3.59	-2555.98	-3750.72	1.467
5.41	18	SLU	1	540.98	4.02	4.02	4.02	4.00	1248.88	3730.80	2.987
9.75	17	SLU	1	975.00	8.04	4.02	8.04	3.63	-1848.02	-7189.30	3.890
10.05	18	SLU	2	30.00	4.02	4.02	4.02	3.65	-1882.45	-3750.69	1.992
14.36	18	SLU	2	461.35	4.02	4.02	4.02	3.99	829.03	3722.62	4.490
17.64	17	SLU	2	789.00	4.02	4.02	4.02	3.71	-1127.02	-3750.62	3.328
17.94	18	SLU	3	0.00	8.04	4.02	8.04	3.80	-844.16	-4989.04	5.910
21.16	18	SLU	3	322.39	4.02	4.02	4.02	3.98	304.88	2622.31	8.601
22.26	18	SLU	3	432.00	4.02	4.02	4.02	3.90	165.62	2577.58	15.564

Stato limite ultimo - Ferri longitudinali - Verifiche armatura a taglio

Xg <m>	CC	TCC	El	X <cm>	AfE I <cmq>	Tz <daN>	AfEP I <cmq>	σ_f inf <daN/cmq>
0.30	18	SLU	1	30.00	4.02	1444.80	0.43	3355.22
5.41	17	SLU	1	540.98	4.02	-68.29	0.02	3012.91
9.75	17	SLU	1	975.00	4.02	-1295.48	0.39	3318.08
10.05	18	SLU	2	30.00	4.02	1220.95	0.37	3299.55

14.36	17	SLU	2	461.35	4.02	-96.88	0.03	3020.02
17.64	17	SLU	2	789.00	4.02	-1023.31	0.31	3250.40
17.94	18	SLU	3	0.00	4.02	693.58	0.22	3168.40
21.16	17	SLU	3	322.39	4.02	-136.10	0.04	3029.77
22.26	17	SLU	3	432.00	4.02	-371.22	0.12	3088.24

Stato limite d'esercizio - Ferri longitudinali - Verifiche armatura

Xg	CC	TCC	El	X	AfE S	AfE I	My	σ_f sup	σ_f inf	σ_c
<m>				<cm>	<cmq>	<cmq>	<daNm>	<daN/cmq>	<daN/cmq>	<daN/cmq>
0.30	22	SLE R	1	30.00	4.02	4.02	-1972.51	2153.58	-478.87	59.84
0.30	30	SLE Q	1	30.00	4.02	4.02	-1925.02	2101.73	-467.34	58.40
5.41	22	SLE R	1	540.98	4.02	4.02	960.93	-233.29	1049.15	29.15
5.41	30	SLE Q	1	540.98	4.02	4.02	956.80	-232.29	1044.63	29.03
9.75	21	SLE R	1	975.00	8.04	4.02	-1489.60	836.41	-347.22	35.70
9.75	29	SLE Q	1	975.00	8.04	4.02	-1536.90	862.97	-358.25	36.84
10.05	22	SLE R	2	30.00	4.02	4.02	-1477.52	1613.15	-358.70	44.83
10.05	30	SLE Q	2	30.00	4.02	4.02	-1449.22	1582.25	-351.83	43.97
14.36	22	SLE R	2	461.35	4.02	4.02	641.76	-155.80	700.67	19.47
14.36	30	SLE Q	2	461.35	4.02	4.02	637.37	-154.74	695.87	19.34
17.64	21	SLE R	2	789.00	4.02	4.02	-922.83	1007.54	-224.04	28.00
17.64	29	SLE Q	2	789.00	4.02	4.02	-951.35	1038.68	-230.96	28.86
17.94	22	SLE R	3	0.00	8.04	4.02	-666.26	530.08	-233.25	27.42
17.94	30	SLE Q	3	0.00	8.04	4.02	-648.58	516.02	-227.06	26.70
21.16	22	SLE R	3	322.39	4.02	4.02	245.51	-83.46	378.85	12.76
21.16	30	SLE Q	3	322.39	4.02	4.02	235.07	-79.92	362.75	12.21
22.26	21	SLE R	3	432.00	4.02	4.02	-167.99	259.23	-57.11	8.73
22.26	29	SLE Q	3	432.00	4.02	4.02	-186.71	288.12	-63.47	9.70

Verifiche stato limite di formazione delle fessure

Caso	Xg	CC	TCC	El	Sez.	Crit.	X	My	c	s	K3	s_{rm}	Φ	A_s	$A_{c\ eff}$	σ_s	σ_{sr}	ε_{sm}	Wk
	<m>						<cm>	<daNm>	<mm>	<mm>		<mm>		<cmq>	<cmq>	<daN/cmq>	<daN/cmq>		<mm>
10	0.30	30	SLE Q	1	7	2	30.00	-1925.02	27.00	224.00	0.13	172.57	16.00	2.01	185.40	2101.73	1935.77	0.59	0.17
14	0.30	26	SLE F	1	7	2	30.00	-1936.30	27.00	224.00	0.13	172.57	16.00	2.01	185.40	2114.05	1935.77	0.60	0.17
26	5.41	30	SLE Q	1	7	2	540.98	956.80	27.00	224.00	0.13	172.57	16.00	2.01	185.40	1044.63	1935.77	0.20	0.06
30	5.41	26	SLE F	1	7	2	540.98	957.77	27.00	224.00	0.13	172.57	16.00	2.01	185.40	1045.70	1935.77	0.20	0.06
41	9.75	29	SLE Q	1	7	2	975.00	-1536.90	27.00	76.67	0.13	112.25	16.00	8.04	431.45	862.97	1135.62	0.17	0.03
45	9.75	25	SLE F	1	7	2	975.00	-1525.67	27.00	76.67	0.13	112.25	16.00	8.04	431.45	856.66	1135.62	0.17	0.03
58	10.05	30	SLE Q	2	7	2	30.00	-1449.22	27.00	224.00	0.13	172.57	16.00	2.01	185.40	1582.25	1935.77	0.31	0.09
62	10.05	26	SLE F	2	7	2	30.00	-1455.73	27.00	224.00	0.13	172.57	16.00	2.01	185.40	1589.36	1935.77	0.31	0.09
74	14.36	30	SLE Q	2	7	2	461.35	637.37	27.00	224.00	0.13	172.57	16.00	2.01	185.40	695.87	1935.77	0.14	0.04
78	14.36	26	SLE F	2	7	2	461.35	638.38	27.00	224.00	0.13	172.57	16.00	2.01	185.40	696.98	1935.77	0.14	0.04
89	17.64	29	SLE Q	2	7	2	789.00	-951.35	27.00	224.00	0.13	172.57	16.00	2.01	185.40	1038.68	1935.77	0.20	0.06
93	17.64	25	SLE F	2	7	2	789.00	-944.78	27.00	224.00	0.13	172.57	16.00	2.01	185.40	1031.51	1935.77	0.20	0.06
106	17.94	30	SLE Q	3	10	2	0.00	-648.58	27.00	76.67	0.13	112.25	16.00	8.04	431.45	516.02	945.73	0.10	0.02
110	17.94	26	SLE F	3	10	2	0.00	-653.02	27.00	76.67	0.13	112.25	16.00	8.04	431.45	519.54	945.73	0.10	0.02
122	21.16	30	SLE Q	3	10	2	322.39	235.07	27.00	224.00	0.13	172.57	16.00	2.01	185.40	362.75	1594.26	0.07	0.02
126	21.16	26	SLE F	3	10	2	322.39	237.66	27.00	224.00	0.13	172.57	16.00	2.01	185.40	366.74	1594.26	0.07	0.02
137	22.26	29	SLE Q	3	10	2	432.00	-186.71	27.00	224.00	0.13	172.57	16.00	2.01	185.40	288.12	1594.26	0.06	0.02
141	22.26	25	SLE F	3	10	2	432.00	-182.05	27.00	224.00	0.13	172.57	16.00	2.01	185.40	280.92	1594.26	0.05	0.02

Staffe - Verifiche armatura

CC	X0	X1	Lung.	Staff.	AfE St.	bw	Vsdu	ctgθ	VRsd	VRcd	Sic.T
	<m>	<m>	<m>		<cmq/m>	<m>	<daN>		<daN>	<daN>	
18 SLU	0.30	0.56	0.26	ø10/ 4 2 br.	39.27	0.30	1444.80	1.00	35266.10	28334.60	19.61
18 SLU	0.56	9.49	8.94	ø10/20 2 br.	7.85	0.30	1372.70	2.50	17633.00	19541.10	12.85
17 SLU	9.49	9.75	0.26	ø10/ 4 2 br.	39.27	0.30	1295.48	1.00	35266.10	28334.60	21.87
18 SLU	10.05	10.31	0.26	ø10/ 4 2 br.	39.27	0.30	1220.95	1.00	35266.10	28334.60	23.21
18 SLU	10.31	17.39	7.08	ø10/20 2 br.	7.85	0.30	1148.85	2.50	17633.00	19541.10	15.35
17 SLU	17.39	17.64	0.26	ø10/ 4 2 br.	39.27	0.30	1023.31	1.00	35266.10	28334.60	27.69
18 SLU	17.94	18.13	0.19	ø10/ 4 2 br.	39.27	0.30	693.58	1.00	25585.20	20556.50	29.64
18 SLU	18.13	22.07	3.95	ø10/12 2 br.	13.09	0.30	653.90	1.95	16670.20	16670.20	25.49
17 SLU	22.07	22.26	0.19	ø10/ 4 2 br.	39.27	0.30	371.22	1.00	25585.20	20556.50	55.38

Travata n. 204 Nodi: 212 217 -4255 -4256 -4257 218 219 220

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B	H	Cf sup	Cf inf	Cls	Fck	Fctk	Fcd	Fctd	Acc.	Fyk	Fyd
		<cm>	<cm>	<cm>	<cm>		<daN/cmq>	<daN/cmq>	<daN/cmq>	<daN/cmq>		<daN/cmq>	<daN/cmq>
7	R	30.00	29.00	3.50	3.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04
10	R	30.00	22.00	3.50	3.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Ferri longitudinali - Verifiche armatura

Xg	CC	TCC	El	X	AfE S	AfE I	AfEP S	AfEP I	My	Myu	Sic.
<m>				<cm>	<cmq>	<cmq>	<cmq>	<cmq>	<daNm>	<daNm>	
0.30	18	SLU	1	30.00	4.02	4.02	4.02	3.60	-2190.75	-3750.70	1.712
5.23	18	SLU	1	522.62	4.02	4.02	4.02	4.00	1377.10	3730.53	2.709
9.75	17	SLU	1	975.00	8.04	8.04	8.04	7.23	-1982.77	-7214.20	3.638
11.75	18	SLU	6	0.00	4.02	4.02	4.02	3.69	-1515.21	-3750.67	2.475
15.54	18	SLU	6	379.15	4.02	4.02	4.02	3.96	557.18	3695.79	6.633
17.64	17	SLU	6	589.00	4.02	4.02	4.02	3.78	-656.67	-3750.61	5.712
17.94	18	SLU	7	0.00	8.04	4.02	8.04	3.82	-657.76	-4989.36	7.585
20.83	18	SLU	7	289.41	4.02	4.02	4.02	3.98	264.32	2622.84	9.923
22.26	17	SLU	7	432.00	4.02	4.02	4.02	3.88	-274.39	-2649.07	9.654

Stato limite ultimo - Ferri longitudinali - Verifiche armatura a taglio

Xg <m>	CC	TCC	El	X <cm>	AfE I <cmq>	Tz <daN>	AfEP I <cmq>	σ_f inf <daN/cmq>
0.30	18	SLU	1	30.00	4.02	1395.29	0.42	3342.90
5.23	17	SLU	1	522.62	4.02	-69.26	0.02	3013.15
9.75	17	SLU	1	975.00	8.04	-1348.36	0.81	1665.62
11.75	18	SLU	6	0.00	4.02	1069.25	0.33	3261.83
15.54	17	SLU	6	379.15	4.02	-191.68	0.06	3043.59
17.64	17	SLU	6	589.00	4.02	-785.04	0.25	3191.15
17.94	18	SLU	7	0.00	4.02	620.69	0.20	3150.28
20.83	17	SLU	7	289.41	4.02	-133.34	0.04	3029.08
22.26	17	SLU	7	432.00	4.02	-439.19	0.14	3105.14

Stato limite d'esercizio - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	My <daNm>	σ_f sup <daN/cmq>	σ_f inf <daN/cmq>	σ_c <daN/cmq>
0.30	22	SLE R	1	30.00	4.02	4.02	-1703.57	1859.95	-413.58	51.69
0.30	30	SLE Q	1	30.00	4.02	4.02	-1673.16	1826.75	-406.20	50.76
5.23	22	SLE R	1	522.62	4.02	4.02	1060.12	-257.37	1157.44	32.16
5.23	30	SLE Q	1	522.62	4.02	4.02	1055.67	-256.29	1152.58	32.03
9.75	21	SLE R	1	975.00	8.04	8.04	-1588.22	886.45	-311.29	33.46
9.75	29	SLE Q	1	975.00	8.04	8.04	-1623.91	906.38	-318.28	34.21
11.75	22	SLE R	6	0.00	4.02	4.02	-1206.22	1316.95	-292.84	36.60
11.75	30	SLE Q	6	0.00	4.02	4.02	-1158.31	1264.64	-281.21	35.14
15.54	22	SLE R	6	379.15	4.02	4.02	443.60	-107.69	484.32	13.46
15.54	30	SLE Q	6	379.15	4.02	4.02	430.25	-104.45	469.75	13.05
17.64	21	SLE R	6	589.00	4.02	4.02	-584.84	638.53	-141.99	17.74
17.64	29	SLE Q	6	589.00	4.02	4.02	-630.21	688.06	-153.00	19.12
17.94	22	SLE R	7	0.00	8.04	4.02	-535.69	426.20	-187.54	22.05
17.94	30	SLE Q	7	0.00	8.04	4.02	-515.54	410.17	-180.48	21.22
20.83	22	SLE R	7	289.41	4.02	4.02	214.59	-72.95	331.13	11.15
20.83	30	SLE Q	7	289.41	4.02	4.02	205.85	-69.98	317.65	10.70
22.26	21	SLE R	7	432.00	4.02	4.02	-249.56	385.10	-84.84	12.97
22.26	29	SLE Q	7	432.00	4.02	4.02	-271.35	418.72	-92.25	14.10

Verifiche stato limite di formazione delle fessure

Caso	Xg <m>	CC	TCC	El	Sez.	Crit.	X <cm>	My <daNm>	c <mm>	s <mm>	K3	s_{rm} <mm>	Φ	A_s <cmq>	$A_{c\ eff}$ <cmq>	σ_s <daN/cmq>	σ_{sr} <daN/cmq>	ε_{sm}	Wk <mm>
10	0.30	30	SLE Q	1	7	2	30.00	-1673.16	27.00	224.00	0.13	172.57	16.00	2.01	185.40	1826.75	1935.77	0.39	0.11
14	0.30	26	SLE F	1	7	2	30.00	-1680.28	27.00	224.00	0.13	172.57	16.00	2.01	185.40	1834.52	1935.77	0.39	0.12
26	5.23	30	SLE Q	1	7	2	522.62	1055.67	27.00	224.00	0.13	172.57	16.00	2.01	185.40	1152.58	1935.77	0.22	0.07
30	5.23	26	SLE F	1	7	2	522.62	1056.63	27.00	224.00	0.13	172.57	16.00	2.01	185.40	1153.63	1935.77	0.22	0.07
41	9.75	29	SLE Q	1	7	2	975.00	-1623.91	27.00	76.67	0.13	112.25	16.00	8.04	431.45	906.38	1180.75	0.18	0.03
45	9.75	25	SLE F	1	7	2	975.00	-1615.69	27.00	76.67	0.13	112.25	16.00	8.04	431.45	901.79	1180.75	0.18	0.03
58	11.75	30	SLE Q	6	7	2	0.00	-1158.31	27.00	224.00	0.13	172.57	16.00	2.01	185.40	1264.64	1935.77	0.25	0.07
62	11.75	26	SLE F	6	7	2	0.00	-1169.67	27.00	224.00	0.13	172.57	16.00	2.01	185.40	1277.04	1935.77	0.25	0.07
74	15.54	30	SLE Q	6	7	2	379.15	430.25	27.00	224.00	0.13	172.57	16.00	2.01	185.40	469.75	1935.77	0.09	0.03
78	15.54	26	SLE F	6	7	2	379.15	433.44	27.00	224.00	0.13	172.57	16.00	2.01	185.40	473.23	1935.77	0.09	0.03
89	17.64	29	SLE Q	6	7	2	589.00	-630.21	27.00	224.00	0.13	172.57	16.00	2.01	185.40	688.06	1935.77	0.13	0.04
93	17.64	25	SLE F	6	7	2	589.00	-619.41	27.00	224.00	0.13	172.57	16.00	2.01	185.40	676.27	1935.77	0.13	0.04
106	17.94	30	SLE Q	7	10	2	0.00	-515.54	27.00	76.67	0.13	112.25	16.00	8.04	431.45	410.17	945.73	0.08	0.02
110	17.94	26	SLE F	7	10	2	0.00	-520.39	27.00	76.67	0.13	112.25	16.00	8.04	431.45	414.03	945.73	0.08	0.02
122	20.83	30	SLE Q	7	10	2	289.41	205.85	27.00	224.00	0.13	172.57	16.00	2.01	185.40	317.65	1594.26	0.06	0.02
126	20.83	26	SLE F	7	10	2	289.41	207.95	27.00	224.00	0.13	172.57	16.00	2.01	185.40	320.89	1594.26	0.06	0.02
137	22.26	29	SLE Q	7	10	2	432.00	-271.35	27.00	224.00	0.13	172.57	16.00	2.01	185.40	418.72	1594.26	0.08	0.02
141	22.26	25	SLE F	7	10	2	432.00	-266.11	27.00	224.00	0.13	172.57	16.00	2.01	185.40	410.63	1594.26	0.08	0.02

Staffe - Verifiche armatura

CC	X0 <m>	X1 <m>	Lung. <m>	Staff.	AfE St. <cmq/m>	bw <m>	Vsdu <daN>	ctgθ	VRsd <daN>	VRcd <daN>	Sic.T
18 SLU	0.30	0.56	0.26	ø10/ 4 2 br.	39.27	0.30	1395.29	1.00	35266.10	28334.60	20.31
18 SLU	0.56	9.49	8.94	ø10/20 2 br.	7.85	0.30	1323.19	2.50	17633.00	19541.10	13.33
17 SLU	9.75	11.75	2.00	ø10/20 2 br.	7.85	0.30	2203.81	2.50	17633.00	19541.10	8.00
18 SLU	11.75	12.01	0.26	ø10/ 4 2 br.	39.27	0.30	1069.25	1.00	35266.10	28334.60	26.50
18 SLU	12.01	17.39	5.38	ø10/20 2 br.	7.85	0.30	997.15	2.50	17633.00	19541.10	17.68
17 SLU	17.39	17.64	0.26	ø10/ 4 2 br.	39.27	0.30	785.04	1.00	35266.10	28334.60	36.09
18 SLU	17.94	18.13	0.19	ø10/ 4 2 br.	39.27	0.30	620.69	1.00	25585.20	20556.50	33.12
18 SLU	18.13	22.07	3.95	ø10/12 2 br.	13.09	0.30	581.01	1.95	16670.20	16670.20	28.69
17 SLU	22.07	22.26	0.19	ø10/ 4 2 br.	39.27	0.30	439.19	1.00	25585.20	20556.50	46.81

Travata n. 205 Nodi: 201 204 208 212

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf sup <cm>	Cf inf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Acc.	Fyk <daN/cmq>	Fyd <daN/cmq>
7	R	30.00	29.00	3.50	3.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	AfEP S <cmq>	AfEP I <cmq>	My <daNm>	Myu <daNm>	Sic.
0.80	20	SLU	1	80.00	4.02	4.02	4.02	3.77	-684.39	-3750.60	5.480
3.52	20	SLU	1	352.00	4.02	4.02	4.02	3.92	462.00	3658.87	7.920

4.32	20	SLU	2	40.00	4.02	4.02	4.02	3.76	-880.08	-3750.62	4.262
7.31	20	SLU	2	339.48	4.02	4.02	4.02	3.99	426.70	3725.94	8.732
9.91	19	SLU	2	599.00	4.02	4.02	4.02	3.77	-799.08	-3750.60	4.694
10.71	20	SLU	3	40.00	4.02	4.02	4.02	3.84	-330.86	-3750.56	11.336
12.40	19	SLU	3	208.81	4.02	4.02	4.02	3.99	333.42	3725.27	11.173
16.05	19	SLU	3	574.00	4.02	4.02	4.02	3.70	-1576.60	-3750.63	2.379

Stato limite ultimo - Ferri longitudinali - Verifiche armatura a taglio

Xg <m>	CC	TCC	El	X <cm>	AfE I <cmq>	Tz <daN>	AfEP I <cmq>	σ_f inf <daN/cmq>
0.80	20	SLU	1	80.00	4.02	790.57	0.25	3192.52
3.52	19	SLU	1	352.00	4.02	-324.61	0.11	3076.65
4.32	20	SLU	2	40.00	4.02	846.79	0.26	3206.50
7.31	19	SLU	2	339.48	4.02	-85.28	0.03	3017.13
9.91	19	SLU	2	599.00	4.02	-819.06	0.26	3199.61
10.71	20	SLU	3	40.00	4.02	564.89	0.18	3136.40
12.40	20	SLU	3	208.81	4.02	87.59	0.03	3017.70
16.05	19	SLU	3	574.00	4.02	-1031.01	0.32	3252.31

Stato limite d'esercizio - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	My <daNm>	σ_f sup <daN/cmq>	σ_f inf <daN/cmq>	σ_c <daN/cmq>
0.80	24	SLE R	1	80.00	4.02	4.02	-556.94	608.06	-135.21	16.90
0.80	32	SLE Q	1	80.00	4.02	4.02	-519.21	566.87	-126.05	15.75
3.52	24	SLE R	1	352.00	4.02	4.02	388.69	-94.36	424.37	11.79
3.52	32	SLE Q	1	352.00	4.02	4.02	342.45	-83.14	373.88	10.39
4.32	24	SLE R	2	40.00	4.02	4.02	-702.41	766.89	-170.53	21.31
4.32	32	SLE Q	2	40.00	4.02	4.02	-692.38	755.94	-168.09	21.01
7.31	24	SLE R	2	339.48	4.02	4.02	330.55	-80.25	360.89	10.03
7.31	32	SLE Q	2	339.48	4.02	4.02	330.61	-80.26	360.96	10.03
9.91	23	SLE R	2	599.00	4.02	4.02	-642.92	701.94	-156.08	19.51
9.91	31	SLE Q	2	599.00	4.02	4.02	-651.51	711.31	-158.17	19.77
10.71	24	SLE R	3	40.00	4.02	4.02	-326.99	357.00	-79.38	9.92
10.71	32	SLE Q	3	40.00	4.02	4.02	-369.61	403.54	-89.73	11.21
12.40	23	SLE R	3	208.81	4.02	4.02	261.64	-63.52	285.66	7.94
12.40	31	SLE Q	3	208.81	4.02	4.02	258.81	-62.83	282.57	7.85
16.05	23	SLE R	3	574.00	4.02	4.02	-1155.17	1261.21	-280.44	35.05
16.05	31	SLE Q	3	574.00	4.02	4.02	-1071.09	1169.41	-260.03	32.50

Verifiche stato limite di formazione delle fessure

Caso	Xg <m>	CC	TCC	El	Sez.	Crit.	X <cm>	My <daNm>	c <mm>	s <mm>	K3	s_{rm} <mm>	Φ	A_s <cmq>	$A_{c\ eff}$ <cmq>	σ_s <daN/cmq>	σ_{sr} <daN/cmq>	ε_{sm}	Wk <mm>
12	0.80	32	SLE Q	1	7	2	80.00	-519.21	27.00	224.00	0.13	172.57	16.00	2.01	185.40	566.87	1935.77	0.11	0.03
16	0.80	28	SLE F	1	7	2	80.00	-528.18	27.00	224.00	0.13	172.57	16.00	2.01	185.40	576.66	1935.77	0.11	0.03
28	3.52	32	SLE Q	1	7	2	352.00	342.45	27.00	224.00	0.13	172.57	16.00	2.01	185.40	373.88	1935.77	0.07	0.02
32	3.52	28	SLE F	1	7	2	352.00	353.46	27.00	224.00	0.13	172.57	16.00	2.01	185.40	385.91	1935.77	0.07	0.02
44	4.32	32	SLE Q	2	7	2	40.00	-692.38	27.00	224.00	0.13	172.57	16.00	2.01	185.40	755.94	1935.77	0.15	0.04
48	4.32	28	SLE F	2	7	2	40.00	-694.65	27.00	224.00	0.13	172.57	16.00	2.01	185.40	758.42	1935.77	0.15	0.04
60	7.31	32	SLE Q	2	7	2	339.48	330.61	27.00	224.00	0.13	172.57	16.00	2.01	185.40	360.96	1935.77	0.07	0.02
64	7.31	28	SLE F	2	7	2	339.48	330.57	27.00	224.00	0.13	172.57	16.00	2.01	185.40	360.92	1935.77	0.07	0.02
75	9.91	31	SLE Q	2	7	2	599.00	-651.51	27.00	224.00	0.13	172.57	16.00	2.01	185.40	711.31	1935.77	0.14	0.04
79	9.91	27	SLE F	2	7	2	599.00	-649.60	27.00	224.00	0.13	172.57	16.00	2.01	185.40	709.23	1935.77	0.14	0.04
92	10.71	32	SLE Q	3	7	2	40.00	-369.61	27.00	224.00	0.13	172.57	16.00	2.01	185.40	403.54	1935.77	0.08	0.02
96	10.71	28	SLE F	3	7	2	40.00	-358.65	27.00	224.00	0.13	172.57	16.00	2.01	185.40	391.57	1935.77	0.08	0.02
107	12.40	31	SLE Q	3	7	2	208.81	258.81	27.00	224.00	0.13	172.57	16.00	2.01	185.40	282.57	1935.77	0.05	0.02
111	12.40	27	SLE F	3	7	2	208.81	259.62	27.00	224.00	0.13	172.57	16.00	2.01	185.40	283.46	1935.77	0.06	0.02
123	16.05	31	SLE Q	3	7	2	574.00	-1071.09	27.00	224.00	0.13	172.57	16.00	2.01	185.40	1169.41	1935.77	0.23	0.07
127	16.05	27	SLE F	3	7	2	574.00	-1092.47	27.00	224.00	0.13	172.57	16.00	2.01	185.40	1192.76	1935.77	0.23	0.07

Staffe - Verifiche armatura

CC	X0 <m>	X1 <m>	Lung. <m>	Staff.	AfE St. <cmq/m>	bw <m>	Vsdu <daN>	ctgθ	VRsd <daN>	VRcd <daN>	Sic.T
20 SLU	0.80	1.05	0.26	ø10/ 4 2 br.	39.27	0.30	790.57	1.00	35266.10	28334.60	35.84
20 SLU	1.05	3.27	2.21	ø10/20 2 br.	7.85	0.30	718.47	2.50	17633.00	19541.10	24.54
19 SLU	3.27	3.52	0.26	ø10/ 4 2 br.	39.27	0.30	324.61	1.00	35266.10	28334.60	87.29
20 SLU	4.32	4.58	0.26	ø10/ 4 2 br.	39.27	0.30	846.79	1.00	35266.10	28334.60	33.46
20 SLU	4.58	9.65	5.08	ø10/20 2 br.	7.85	0.30	774.69	2.50	17633.00	19541.10	22.76
19 SLU	9.65	9.91	0.26	ø10/ 4 2 br.	39.27	0.30	819.06	1.00	35266.10	28334.60	34.59
20 SLU	10.71	10.97	0.26	ø10/ 4 2 br.	39.27	0.30	564.89	1.00	35266.10	28334.60	50.16
19 SLU	10.97	15.80	4.83	ø10/20 2 br.	7.85	0.30	958.91	2.50	17633.00	19541.10	18.39
19 SLU	15.80	16.05	0.26	ø10/ 4 2 br.	39.27	0.30	1031.01	1.00	35266.10	28334.60	27.48

Travata n. 208 Nodi: 213 205 209 217

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf sup <cm>	Cf inf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Acc.	Fyk <daN/cmq>	Fyd <daN/cmq>
8	R	30.00	60.00	3.50	3.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	AfEP S <cmq>	AfEP I <cmq>	My <daNm>	Myu <daNm>	Sic.
0.30	5	SLV	1	30.00	6.28	9.05	6.28	6.59	-4773.05	-13324.90	2.792

2.88	5	SLV	1	287.63	6.28	9.05	6.28	6.94	5856.27	14685.90	2.508
3.62	13	SLV	1	362.00	6.28	9.05	6.28	6.34	-9438.20	-13325.10	1.412
4.22	5	SLV	2	30.00	6.28	9.05	6.28	5.47	-12972.80	-13324.70	1.027
6.90	17	SLU	2	297.53	6.28	9.05	6.28	8.17	8540.49	17228.40	2.017
9.66	13	SLV	2	574.00	12.57	9.05	12.57	5.37	-14361.00	-26199.60	1.824
10.46	20	SLU	3	15.00	8.29	9.05	8.29	4.80	-17034.80	-17477.70	1.026
13.63	19	SLU	3	332.42	6.28	9.05	6.28	8.33	10863.80	17565.50	1.617
16.05	13	SLV	3	574.00	6.28	9.05	6.28	5.78	-6518.82	-13325.00	2.044
0.30	6	SLD	1	30.00	6.28	9.05	6.28	6.59	-5174.23	-15423.60	2.981
2.88	6	SLD	1	287.63	6.28	9.05	6.28	6.94	6386.92	16992.50	2.661
3.62	14	SLD	1	362.00	6.28	9.05	6.28	6.34	-10175.60	-15423.60	1.516
4.22	6	SLD	2	30.00	6.28	9.05	6.28	5.47	-13644.40	-15424.20	1.130
6.90	2	SLD	2	297.53	6.28	9.05	6.28	8.17	6097.83	19920.80	3.267
9.66	14	SLD	2	574.00	12.57	9.05	12.57	5.37	-15103.80	-30283.30	2.005
10.46	6	SLD	3	15.00	8.29	9.05	8.29	4.80	-17618.00	-20215.80	1.147
13.63	14	SLD	3	332.42	6.28	9.05	6.28	8.33	7773.83	20309.70	2.613
16.05	14	SLD	3	574.00	6.28	9.05	6.28	5.78	-6906.75	-15424.10	2.233

Stato limite ultimo - Ferri longitudinali - Verifiche armatura a taglio

Xg <m>	CC	TCC	El	X <cm>	AfE I <cmq>	Tz <daN>	AfEP I <cmq>	σ_f inf <daN/cmq>
0.30	5	SLV	1	30.00	9.05	8180.47	2.46	3326.06
0.30	6	SLD	1	30.00	9.05	8523.37	2.46	3465.48
2.88	13	SLV	1	287.63	9.05	-6654.90	2.11	3157.45
2.88	14	SLD	1	287.63	9.05	-6997.79	2.11	3320.14
3.62	19	SLU	1	362.00	9.05	-9348.59	2.71	3455.17
3.62	14	SLD	1	362.00	9.05	-9458.33	2.71	3495.73
4.22	20	SLU	2	30.00	9.05	13989.00	3.57	3913.04
4.22	6	SLD	2	30.00	9.05	11468.70	3.57	3208.06
6.90	5	SLV	2	297.53	9.05	2358.08	0.88	2682.55
6.90	6	SLD	2	297.53	9.05	2617.94	0.88	2978.16
9.66	19	SLU	2	574.00	9.05	-14396.90	3.68	3913.04
9.66	14	SLD	2	574.00	9.05	-11748.80	3.68	3193.30
10.46	20	SLU	3	15.00	9.05	16611.60	4.25	3913.04
10.46	6	SLD	3	15.00	9.05	12573.20	4.25	2961.74
13.63	5	SLV	3	332.42	9.05	1882.16	0.72	2629.95
13.63	6	SLD	3	332.42	9.05	2071.90	0.72	2895.07
16.05	19	SLU	3	574.00	9.05	-12398.60	3.27	3792.27
16.05	14	SLD	3	574.00	9.05	-9780.32	3.27	2991.44

Stato limite d'esercizio - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	My <daNm>	σ_f sup <daN/cmq>	σ_f inf <daN/cmq>	σ_c <daN/cmq>
0.30	24	SLE R	1	30.00	6.28	9.05	-1534.24	466.48	-107.68	9.71
0.30	32	SLE Q	1	30.00	6.28	9.05	-1350.38	410.58	-94.77	8.54
2.88	21	SLE R	1	287.63	6.28	9.05	1518.09	-107.84	326.33	9.10
2.88	29	SLE Q	1	287.63	6.28	9.05	1279.46	-90.89	275.03	7.67
3.62	23	SLE R	1	362.00	6.28	9.05	-3259.76	991.12	-228.78	20.62
3.62	31	SLE Q	1	362.00	6.28	9.05	-3086.83	938.54	-216.64	19.53
4.22	24	SLE R	2	30.00	6.28	9.05	-8317.76	2528.97	-583.76	52.62
4.22	32	SLE Q	2	30.00	6.28	9.05	-7414.10	2254.22	-520.34	46.90
6.90	21	SLE R	2	297.53	6.28	9.05	6172.14	-438.46	1326.75	37.00
6.90	29	SLE Q	2	297.53	6.28	9.05	5518.20	-392.00	1186.18	33.08
9.66	23	SLE R	2	574.00	12.57	9.05	-9178.21	1429.52	-563.89	46.37
9.66	31	SLE Q	2	574.00	12.57	9.05	-8241.48	1283.63	-506.34	41.64
10.46	24	SLE R	3	15.00	8.29	9.05	-12503.20	2904.88	-833.59	72.03
10.46	32	SLE Q	3	15.00	8.29	9.05	-11232.40	2609.63	-748.87	64.71
13.63	23	SLE R	3	332.42	6.28	9.05	7892.45	-560.66	1696.54	47.31
13.63	31	SLE Q	3	332.42	6.28	9.05	7030.29	-499.42	1511.21	42.15
16.05	23	SLE R	3	574.00	6.28	9.05	-3654.17	1111.03	-256.46	23.12
16.05	31	SLE Q	3	574.00	6.28	9.05	-3236.65	984.09	-227.16	20.48

Verifiche stato limite di formazione delle fessure

Caso	Xg <m>	CC	TCC	El	Sez.	Crit.	X <cm>	My <daNm>	c <mm>	s <mm>	K3	s_{rm} <mm>	Φ	A_s <cmq>	$A_{c\ eff}$ <cmq>	σ_s <daN/cmq>	σ_{sr} <daN/cmq>	ε_{sm}	Wk <mm>
44	0.30	32	SLE Q	1	8	3	30.00	-1350.38	25.00	230.00	0.18	204.77	20.00	6.28	478.38	410.58	2373.76	0.08	0.03
48	0.30	28	SLE F	1	8	3	30.00	-1396.73	25.00	230.00	0.18	204.77	20.00	6.28	478.38	424.67	2373.76	0.08	0.03
89	2.88	29	SLE Q	1	8	3	287.63	1279.46	23.00	230.00	0.16	191.32	24.00	9.05	570.42	275.03	1739.91	0.05	0.02
93	2.88	25	SLE F	1	8	3	287.63	1343.59	23.00	230.00	0.16	191.32	24.00	9.05	570.42	288.82	1739.91	0.06	0.02
139	3.62	31	SLE Q	1	8	3	362.00	-3086.83	25.00	230.00	0.18	204.77	20.00	6.28	478.38	938.54	2373.76	0.18	0.06
143	3.62	27	SLE F	1	8	3	362.00	-3099.44	25.00	230.00	0.18	204.77	20.00	6.28	478.38	942.37	2373.76	0.18	0.06
188	4.22	32	SLE Q	2	8	3	30.00	-7414.10	25.00	230.00	0.18	204.77	20.00	6.28	478.38	2254.22	2373.76	0.49	0.17
192	4.22	28	SLE F	2	8	3	30.00	-7594.61	25.00	230.00	0.18	204.77	20.00	6.28	478.38	2309.10	2373.76	0.53	0.18
233	6.90	29	SLE Q	2	8	3	297.53	5518.20	23.00	230.00	0.16	191.32	24.00	9.05	570.42	1186.18	1739.91	0.23	0.07
237	6.90	25	SLE F	2	8	3	297.53	5649.40	23.00	230.00	0.16	191.32	24.00	9.05	570.42	1214.38	1739.91	0.24	0.08
283	9.66	31	SLE Q	2	8	3	574.00	-8241.48	25.00	76.67	0.18	123.05	20.00	12.57	516.10	1283.63	1384.65	0.26	0.05
287	9.66	27	SLE F	2	8	3	574.00	-8428.29	25.00	76.67	0.18	123.05	20.00	12.57	516.10	1312.72	1384.65	0.28	0.06
332	10.46	32	SLE Q	3	8	3	15.00	-11232.40	25.00	115.00	0.18	156.44	20.00	8.29	487.01	2609.63	1894.66	0.93	0.25
336	10.46	28	SLE F	3	8	3	15.00	-11473.10	25.00	115.00	0.18	156.44	20.00	8.29	487.01	2665.54	1894.66	0.97	0.26
379	13.63	31	SLE Q	3	8	3	332.42	7030.29	23.00	230.00	0.16	191.32	24.00	9.05	570.42	1511.21	1739.91	0.29	0.10
383	13.63	27	SLE F	3	8	3	332.42	7200.01	23.00	230.00	0.16	191.32	24.00	9.05	570.42	1547.70	1739.91	0.30	0.10
427	16.05	31	SLE Q	3	8	3	574.00	-3236.65	25.00	230.00	0.18	204.77	20.00	6.28	478.38	984.09	2373.76	0.19	0.07
431	16.05	27	SLE F	3	8	3	574.00	-3334.77	25.00	230.00	0.18	204.77	20.00	6.28	478.38	1013.92	2373.76	0.20	0.07

Staffe - Verifiche armatura

CC	X0 <m>	X1 <m>	Lung. <m>	Staff.	AfE St. <cmq/m>	bw <m>	Vsdu <daN>	ctgθ	VRsd <daN>	VRcd <daN>	Sic.T
5 SLV	0.30	0.87	0.57	ø10/12 2 br.	13.09	0.30	8180.47	1.95	50911.60	50911.60	6.22
13 SLV	0.87	3.05	2.19	ø10/32 2 br.	4.91	0.30	7246.22	2.50	24418.30	43297.00	3.37
19 SLU	3.05	3.62	0.57	ø10/12 2 br.	13.09	0.30	9348.59	1.95	50911.60	50911.60	5.45
20 SLU	4.22	4.79	0.57	ø10/12 2 br.	13.09	0.30	13989.00	1.95	50911.60	50911.60	3.64
19 SLU	4.79	9.10	4.31	ø10/32 2 br.	4.91	0.30	11491.20	2.50	24418.30	43297.00	2.12
19 SLU	9.10	9.66	0.57	ø10/12 2 br.	13.09	0.30	14396.90	1.95	50911.60	50911.60	3.54
20 SLU	10.46	11.03	0.57	ø10/12 2 br.	13.09	0.30	16611.60	1.95	50911.60	50911.60	3.06
20 SLU	11.03	15.48	4.46	ø10/32 2 br.	4.91	0.30	13706.00	2.50	24418.30	43297.00	1.78
19 SLU	15.48	16.05	0.57	ø10/12 2 br.	13.09	0.30	12398.60	1.95	50911.60	50911.60	4.11

Travata n. 209 Nodi: 202 206 210 215 -4249 -4251 -4253 219

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf sup <cm>	Cf inf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Acc.	Fyk <daN/cmq>	Fyd <daN/cmq>
8	R	30.00	60.00	3.50	3.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	AfEP S <cmq>	AfEP I <cmq>	My <daNm>	Myu <daNm>	Sic.
0.30	5	SLV	1	30.00	6.28	9.05	6.28	6.47	2376.63	13703.90	5.766
1.51	20	SLU	1	150.87	6.28	9.05	6.28	8.40	6311.80	17695.40	2.804
3.62	19	SLU	1	362.00	6.28	9.05	6.28	5.06	-11127.80	-13324.10	1.197
4.22	20	SLU	2	30.00	10.30	9.05	10.30	3.63	-19430.70	-21545.90	1.109
7.11	19	SLU	2	318.84	6.28	9.05	6.28	8.58	12812.50	18067.90	1.410
9.86	19	SLU	2	594.00	12.57	9.05	12.57	3.97	-15659.00	-26060.30	1.664
10.46	13	SLV	3	15.00	8.29	9.05	8.29	4.89	-14107.90	-17478.20	1.239
13.48	13	SLV	3	317.44	6.28	9.05	6.28	6.83	6103.52	14455.30	2.368
14.35	5	SLV	3	404.00	6.28	15.33	6.28	9.73	-10602.10	-13323.70	1.257
0.30	6	SLD	1	30.00	6.28	9.05	6.28	6.47	2610.21	15860.20	6.076
1.51	14	SLD	1	150.87	6.28	9.05	6.28	8.40	4160.38	20459.50	4.918
3.62	6	SLD	1	362.00	6.28	9.05	6.28	5.06	-10779.70	-15424.50	1.431
4.22	14	SLD	2	30.00	10.30	9.05	10.30	3.63	-16049.30	-24941.30	1.554
7.11	6	SLD	2	318.84	6.28	9.05	6.28	8.58	8246.21	20889.10	2.533
9.86	6	SLD	2	594.00	12.57	9.05	12.57	3.97	-13290.70	-30211.60	2.273
10.46	14	SLD	3	15.00	8.29	9.05	8.29	4.89	-14855.70	-20215.90	1.361
13.48	14	SLD	3	317.44	6.28	9.05	6.28	6.83	6671.56	16726.80	2.507
14.35	6	SLD	3	404.00	6.28	15.33	6.28	9.73	-11480.30	-15422.10	1.343

Stato limite ultimo - Ferri longitudinali - Verifiche armatura a taglio

Xg <m>	CC	TCC	El	X <cm>	AfE I <cmq>	Tz <daN>	AfEP I <cmq>	σ_f inf <daN/cmq>
0.30	20	SLU	1	30.00	9.05	8749.81	2.58	3388.99
0.30	14	SLD	1	30.00	9.05	7132.48	2.58	2762.56
1.51	5	SLV	1	150.87	9.05	-1703.84	0.65	2610.24
1.51	6	SLD	1	150.87	9.05	-1897.19	0.65	2906.45
3.62	19	SLU	1	362.00	9.05	-15617.00	3.99	3913.04
3.62	6	SLD	1	362.00	9.05	-11554.60	3.99	2895.16
4.22	20	SLU	2	30.00	9.05	21207.70	5.42	3913.04
4.22	14	SLD	2	30.00	9.05	14665.80	5.42	2705.99
7.11	13	SLV	2	318.84	9.05	1304.22	0.47	2761.58
7.11	14	SLD	2	318.84	9.05	1453.58	0.47	3077.84
9.86	19	SLU	2	594.00	9.05	-19885.00	5.08	3913.04
9.86	6	SLD	2	594.00	9.05	-13845.50	5.08	2724.57
10.46	20	SLU	3	15.00	9.05	16255.80	4.15	3913.04
10.46	14	SLD	3	15.00	9.05	13834.40	4.15	3330.17
13.48	5	SLV	3	317.44	9.05	-7120.56	2.22	3208.92
13.48	6	SLD	3	317.44	9.05	-7538.58	2.22	3397.30
14.35	19	SLU	3	404.00	15.33	-12621.70	5.60	2252.61
14.35	6	SLD	3	404.00	15.33	-11497.80	5.60	2052.03

Stato limite d'esercizio - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	My <daNm>	σ_f sup <daN/cmq>	σ_f inf <daN/cmq>	σ_c <daN/cmq>
0.30	23	SLE R	1	30.00	6.28	9.05	707.25	-50.24	152.03	4.24
0.30	31	SLE Q	1	30.00	6.28	9.05	680.37	-48.33	146.25	4.08
1.51	24	SLE R	1	150.87	6.28	9.05	4542.51	-322.69	976.45	27.23
1.51	32	SLE Q	1	150.87	6.28	9.05	3975.69	-282.42	854.61	23.83
3.62	23	SLE R	1	362.00	6.28	9.05	-8140.80	2475.17	-571.35	51.50
3.62	31	SLE Q	1	362.00	6.28	9.05	-7268.70	2210.01	-510.14	45.98
4.22	24	SLE R	2	30.00	10.30	9.05	-14101.30	2657.40	-901.26	75.75
4.22	32	SLE Q	2	30.00	10.30	9.05	-12385.70	2334.10	-791.61	66.53
7.11	23	SLE R	2	318.84	6.28	9.05	9241.41	-656.49	1986.51	55.40
7.11	31	SLE Q	2	318.84	6.28	9.05	8109.94	-576.11	1743.30	48.62
9.86	23	SLE R	2	594.00	12.57	9.05	-11358.10	1769.04	-697.81	57.38
9.86	31	SLE Q	2	594.00	12.57	9.05	-10030.90	1562.33	-616.27	50.68

10.46	24	SLE R	3	15.00	8.29	9.05	-9856.70	2290.01	-657.14	56.78	
10.46	32	SLE Q	3	15.00	8.29	9.05	-8747.69	2032.35	-583.21	50.40	
13.48	24	SLE R	3	317.44	6.28	9.05	2258.17	-160.42	485.41	13.54	
13.48	32	SLE Q	3	317.44	6.28	9.05	2036.39	-144.66	437.74	12.21	
14.35	23	SLE R	3	404.00	6.28	15.33	-4814.14	1453.42	-282.13	26.45	
14.35	31	SLE Q	3	404.00	6.28	15.33	-4312.56	1301.99	-252.74	23.69	

Verifiche stato limite di formazione delle fessure

Caso	Xg <m>	CC	TCC	El	Sez.	Crit.	X <cm>	My <daNm>	c <mm>	s <mm>	K3	s_{rm} <mm>	Φ	A_s <cmq>	$A_{c\ eff}$ <cmq>	σ_s <daN/cmq>	σ_{sr} <daN/cmq>	ε_{sm}	Wk <mm>
43	0.30	31	SLE Q	1	8	3	30.00	680.37	23.00	230.00	0.16	191.32	24.00	9.05	570.42	146.25	1739.91	0.03	0.01
47	0.30	27	SLE F	1	8	3	30.00	681.60	23.00	230.00	0.16	191.32	24.00	9.05	570.42	146.51	1739.91	0.03	0.01
92	1.51	32	SLE Q	1	8	3	150.87	3975.69	23.00	230.00	0.16	191.32	24.00	9.05	570.42	854.61	1739.91	0.17	0.05
96	1.51	28	SLE F	1	8	3	150.87	4091.70	23.00	230.00	0.16	191.32	24.00	9.05	570.42	879.54	1739.91	0.17	0.06
139	3.62	31	SLE Q	1	8	3	362.00	-7268.70	25.00	230.00	0.18	204.77	20.00	6.28	478.38	2210.01	2373.76	0.45	0.16
143	3.62	27	SLE F	1	8	3	362.00	-7429.92	25.00	230.00	0.18	204.77	20.00	6.28	478.38	2259.03	2373.76	0.49	0.17
188	4.22	32	SLE Q	2	8	3	30.00	-12385.70	25.00	76.67	0.18	132.02	20.00	10.30	486.10	2334.10	1602.13	0.87	0.19
192	4.22	28	SLE F	2	8	3	30.00	-12733.00	25.00	76.67	0.18	132.02	20.00	10.30	486.10	2399.53	1602.13	0.91	0.20
235	7.11	31	SLE Q	2	8	3	318.84	8109.94	23.00	230.00	0.16	191.32	24.00	9.05	570.42	1743.30	1739.91	0.42	0.14
239	7.11	27	SLE F	2	8	3	318.84	8334.31	23.00	230.00	0.16	191.32	24.00	9.05	570.42	1791.52	1739.91	0.46	0.15
283	9.86	31	SLE Q	2	8	3	594.00	-10030.90	25.00	76.67	0.18	123.05	20.00	12.57	516.10	1562.33	1384.65	0.46	0.10
287	9.86	27	SLE F	2	8	3	594.00	-10295.80	25.00	76.67	0.18	123.05	20.00	12.57	516.10	1603.60	1384.65	0.49	0.10
332	10.46	32	SLE Q	3	8	3	15.00	-8747.69	25.00	115.00	0.18	156.44	20.00	8.29	487.01	2032.35	1894.66	0.56	0.15
336	10.46	28	SLE F	3	8	3	15.00	-8957.64	25.00	115.00	0.18	156.44	20.00	8.29	487.01	2081.13	1894.66	0.59	0.16
380	13.48	32	SLE Q	3	8	3	317.44	2036.39	23.00	230.00	0.16	191.32	24.00	9.05	570.42	437.74	1739.91	0.08	0.03
384	13.48	28	SLE F	3	8	3	317.44	2077.93	23.00	230.00	0.16	191.32	24.00	9.05	570.42	446.67	1739.91	0.09	0.03
427	14.35	31	SLE Q	3	8	3	404.00	-4312.56	25.00	230.00	0.18	206.35	20.00	6.28	478.38	1301.99	2468.10	0.25	0.09
431	14.35	27	SLE F	3	8	3	404.00	-4419.56	25.00	230.00	0.18	206.35	20.00	6.28	478.38	1334.30	2468.10	0.26	0.09

Staffe - Verifiche armatura

CC	X0 <m>	X1 <m>	Lung. <m>	Staff.	AfE St. <cmq/m>	bw <m>	Vsdu <daN>	ctgθ	VRsd <daN>	VRcd <daN>	Sic.T
20 SLU	0.30	0.87	0.57	ø10/12 2 br.	13.09	0.30	8749.81	1.95	50911.60	50911.60	5.82
19 SLU	0.87	3.05	2.19	ø10/32 2 br.	4.91	0.30	11526.20	2.50	24418.30	43297.00	2.12
19 SLU	3.05	3.62	0.57	ø10/12 2 br.	13.09	0.30	15617.00	1.95	50911.60	50911.60	3.26
20 SLU	4.22	4.79	0.57	ø10/12 2 br.	13.09	0.30	21207.70	1.95	50911.60	50911.60	2.40
20 SLU	4.79	9.29	4.51	ø10/32 2 br.	4.91	0.30	17117.00	2.50	24418.30	43297.00	1.43
19 SLU	9.29	9.86	0.57	ø10/12 2 br.	13.09	0.30	19885.00	1.95	50911.60	50911.60	2.56
20 SLU	10.46	11.03	0.57	ø10/12 2 br.	13.09	0.30	16255.80	1.95	50911.60	50911.60	3.13
20 SLU	11.03	13.79	2.76	ø10/32 2 br.	4.91	0.30	12165.00	2.50	24418.30	43297.00	2.01

Travata n. 210 Nodi: 203 207 211 216 -4250 -4252 -4254 220

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf sup <cm>	Cf inf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Acc.	Fyk <daN/cmq>	Fyd <daN/cmq>
8	R	30.00	60.00	3.50	3.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	AfEP S <cmq>	AfEP I <cmq>	My <daNm>	Myu <daNm>	Sic.
0.30	5	SLV	1	30.00	6.28	9.05	6.28	7.72	994.67	16295.50	16.383
1.71	20	SLU	1	170.75	6.28	9.05	6.28	8.79	2941.20	18509.30	6.293
3.75	5	SLV	1	374.50	6.28	9.05	6.28	7.21	-3177.66	-13324.60	4.193
4.09	20	SLU	2	17.50	6.28	9.05	6.28	6.61	-7428.40	-13324.90	1.794
7.11	20	SLU	2	319.36	6.28	9.05	6.28	8.72	5272.20	18372.90	3.485
9.86	5	SLV	2	594.00	6.28	9.05	6.28	6.73	-6042.75	-13324.80	2.205
10.46	13	SLV	3	15.00	6.28	9.05	6.28	6.84	-8904.99	-13324.80	1.496
14.35	5	SLV	3	404.00	6.28	15.33	6.28	11.77	-8942.74	-13323.00	1.490
0.30	6	SLD	1	30.00	6.28	9.05	6.28	7.72	1127.60	18846.10	16.714
1.71	14	SLD	1	170.75	6.28	9.05	6.28	8.79	1915.44	21398.30	11.172
3.75	6	SLD	1	374.50	6.28	9.05	6.28	7.21	-3356.84	-15423.30	4.595
4.09	14	SLD	2	17.50	6.28	9.05	6.28	6.61	-6785.73	-15423.50	2.273
7.11	14	SLD	2	319.36	6.28	9.05	6.28	8.72	3808.76	21240.80	5.577
9.86	6	SLD	2	594.00	6.28	9.05	6.28	6.73	-6390.06	-15423.50	2.414
10.46	14	SLD	3	15.00	6.28	9.05	6.28	6.84	-9815.74	-15423.40	1.571
14.35	6	SLD	3	404.00	6.28	15.33	6.28	11.77	-9986.67	-15421.50	1.544

Stato limite ultimo - Ferri longitudinali - Verifiche armatura a taglio

Xg <m>	CC	TCC	El	X <cm>	AfE I <cmq>	Tz <daN>	AfEP I <cmq>	σ_f inf <daN/cmq>
0.30	20	SLU	1	30.00	9.05	3777.88	1.33	2839.47
0.30	14	SLD	1	30.00	9.05	3075.14	1.33	2311.29
1.71	5	SLV	1	170.75	9.05	-644.27	0.26	2493.13
1.71	6	SLD	1	170.75	9.05	-731.35	0.26	2830.09
3.75	19	SLU	1	374.50	9.05	-5590.58	1.84	3039.82
3.75	6	SLD	1	374.50	9.05	-4227.49	1.84	2298.65
4.09	20	SLU	2	17.50	9.05	8097.33	2.44	3316.88
4.09	14	SLD	2	17.50	9.05	5984.27	2.44	2451.31
7.11	5	SLV	2	319.36	9.05	-815.23	0.32	2512.03
7.11	6	SLD	2	319.36	9.05	-922.55	0.32	2842.73
9.86	19	SLU	2	594.00	9.05	-7527.96	2.31	3253.95
9.86	6	SLD	2	594.00	9.05	-5635.05	2.31	2435.74
10.46	13	SLV	3	15.00	9.05	7088.82	2.21	3205.41

10.46	14	SLD	3	15.00	9.05	7591.31	2.21	3432.62
14.35	5	SLV	3	404.00	15.33	-6631.64	3.56	1861.90
14.35	6	SLD	3	404.00	15.33	-7134.13	3.56	2002.97

Stato limite d'esercizio - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	My <daNm>	σ_f sup <daN/cmq>	σ_f inf <daN/cmq>	σ_c <daN/cmq>
0.30	23	SLE R	1	30.00	6.28	9.05	190.24	-13.51	40.89	1.14
0.30	31	SLE Q	1	30.00	6.28	9.05	168.73	-11.99	36.27	1.01
1.71	24	SLE R	1	170.75	6.28	9.05	2103.01	-149.39	452.06	12.61
1.71	32	SLE Q	1	170.75	6.28	9.05	1890.51	-134.30	406.38	11.33
3.75	23	SLE R	1	374.50	6.28	9.05	-2417.03	734.88	-169.63	15.29
3.75	31	SLE Q	1	374.50	6.28	9.05	-2050.82	623.54	-143.93	12.97
4.09	24	SLE R	2	17.50	6.28	9.05	-5439.45	1653.84	-381.76	34.41
4.09	32	SLE Q	2	17.50	6.28	9.05	-4804.79	1460.87	-337.21	30.40
7.11	24	SLE R	2	319.36	6.28	9.05	3841.14	-272.87	825.68	23.03
7.11	32	SLE Q	2	319.36	6.28	9.05	3385.31	-240.49	727.70	20.29
9.86	23	SLE R	2	594.00	6.28	9.05	-4315.02	1311.96	-302.84	27.30
9.86	31	SLE Q	2	594.00	6.28	9.05	-3855.15	1172.14	-270.57	24.39
10.46	24	SLE R	3	15.00	6.28	9.05	-3712.50	1128.77	-260.55	23.49
10.46	32	SLE Q	3	15.00	6.28	9.05	-3191.08	970.23	-223.96	20.19
14.35	23	SLE R	3	404.00	6.28	15.33	-2455.13	741.22	-143.88	13.49
14.35	31	SLE Q	3	404.00	6.28	15.33	-2398.90	724.24	-140.59	13.18

Verifiche stato limite di formazione delle fessure

Caso	Xg <m>	CC	TCC	El	Sez.	Crit.	X <cm>	My <daNm>	c <mm>	s <mm>	K3	s_{rm} <mm>	Φ	A_s <cmq>	$A_{c\ eff}$ <cmq>	σ_s <daN/cmq>	σ_{sr} <daN/cmq>	ε_{sm}	Wk <mm>
43	0.30	31	SLE Q	1	8	3	30.00	168.73	23.00	230.00	0.16	191.32	24.00	9.05	570.42	36.27	1739.91	0.01	0.00
47	0.30	27	SLE F	1	8	3	30.00	172.02	23.00	230.00	0.16	191.32	24.00	9.05	570.42	36.98	1739.91	0.01	0.00
92	1.71	32	SLE Q	1	8	3	170.75	1890.51	23.00	230.00	0.16	191.32	24.00	9.05	570.42	406.38	1739.91	0.08	0.03
96	1.71	28	SLE F	1	8	3	170.75	1934.94	23.00	230.00	0.16	191.32	24.00	9.05	570.42	415.93	1739.91	0.08	0.03
139	3.75	31	SLE Q	1	8	3	374.50	-2050.82	25.00	230.00	0.18	204.77	20.00	6.28	478.38	623.54	2373.76	0.12	0.04
143	3.75	27	SLE F	1	8	3	374.50	-2118.43	25.00	230.00	0.18	204.77	20.00	6.28	478.38	644.10	2373.76	0.13	0.04
188	4.09	32	SLE Q	2	8	3	17.50	-4804.79	25.00	230.00	0.18	204.77	20.00	6.28	478.38	1460.87	2373.76	0.28	0.10
192	4.09	28	SLE F	2	8	3	17.50	-4934.67	25.00	230.00	0.18	204.77	20.00	6.28	478.38	1500.36	2373.76	0.29	0.10
236	7.11	32	SLE Q	2	8	3	319.36	3385.31	23.00	230.00	0.16	191.32	24.00	9.05	570.42	727.70	1739.91	0.14	0.05
240	7.11	28	SLE F	2	8	3	319.36	3476.27	23.00	230.00	0.16	191.32	24.00	9.05	570.42	747.25	1739.91	0.15	0.05
283	9.86	31	SLE Q	2	8	3	594.00	-3855.15	25.00	230.00	0.18	204.77	20.00	6.28	478.38	1172.14	2373.76	0.23	0.08
287	9.86	27	SLE F	2	8	3	594.00	-3944.78	25.00	230.00	0.18	204.77	20.00	6.28	478.38	1199.39	2373.76	0.23	0.08
332	10.46	32	SLE Q	3	8	3	15.00	-3191.08	25.00	230.00	0.18	204.77	20.00	6.28	478.38	970.23	2373.76	0.19	0.07
336	10.46	28	SLE F	3	8	3	15.00	-3293.72	25.00	230.00	0.18	204.77	20.00	6.28	478.38	1001.44	2373.76	0.19	0.07
379	14.35	31	SLE Q	3	8	3	404.00	-2398.90	25.00	230.00	0.18	206.35	20.00	6.28	478.38	724.24	2468.10	0.14	0.05
383	14.35	27	SLE F	3	8	3	404.00	-2409.28	25.00	230.00	0.18	206.35	20.00	6.28	478.38	727.38	2468.10	0.14	0.05

Staffe - Verifiche armatura

CC	X0 <m>	X1 <m>	Lung. <m>	Staff.	AfE St. <cmq/m>	bw <m>	Vsdu <daN>	ctgθ	VRsd <daN>	VRcd <daN>	Sic.T
20 SLU	0.30	0.87	0.57	ø10/12 2 br.	13.09	0.30	3777.88	1.95	50911.60	50911.60	13.48
19 SLU	0.87	3.18	2.31	ø10/32 2 br.	4.91	0.30	4074.96	2.50	24418.30	43297.00	5.99
19 SLU	3.18	3.75	0.57	ø10/12 2 br.	13.09	0.30	5590.58	1.95	50911.60	50911.60	9.11
20 SLU	4.09	4.66	0.57	ø10/12 2 br.	13.09	0.30	8097.33	1.95	50911.60	50911.60	6.29
20 SLU	4.66	9.29	4.63	ø10/32 2 br.	4.91	0.30	6581.72	2.50	24418.30	43297.00	3.71
19 SLU	9.29	9.86	0.57	ø10/12 2 br.	13.09	0.30	7527.96	1.95	50911.60	50911.60	6.76
13 SLV	10.46	11.03	0.57	ø10/12 2 br.	13.09	0.30	7088.82	1.95	50911.60	50911.60	7.18
13 SLV	11.03	13.79	2.76	ø10/32 2 br.	4.91	0.30	6119.34	2.50	24418.30	43297.00	3.99

Travata n. 501 Nodi: 13 -3672 -3673 -3674 14 -3675 -3676 -3677 -3678 -3679 -3680 -3681 -3682 -3683 -3684 -3685 -3686 15 -3687 -3688 -3689 16 -3690 -3691 -3692 17

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf sup <cm>	Cf inf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Acc.	Fyk <daN/cmq>	Fyd <daN/cmq>
9	R	25.00	29.00	3.50	3.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Ferri longitudinali - Verifiche armatura

Travata priva di sollecitazioni perché adiacente ad un muro o per altri motivi

Stato limite ultimo - Ferri longitudinali - Verifiche armatura a taglio

Travata priva di sollecitazioni perché adiacente ad un muro o per altri motivi

Stato limite d'esercizio - Ferri longitudinali - Verifiche armatura

Travata priva di sollecitazioni perché adiacente ad un muro o per altri motivi

Staffe - Verifiche armatura

Travata priva di sollecitazioni perché adiacente ad un muro o per altri motivi

Travata n. 502 Nodi: 27 28 29

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf sup <cm>	Cf inf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Acc.	Fyk <daN/cmq>	Fyd <daN/cmq>
7	R	30.00	29.00	3.50	3.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04
10	R	30.00	22.00	3.50	3.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	AfEP S <cmq>	AfEP I <cmq>	My <daNm>	Myu <daNm>	Sic.
0.30	18	SLU	1	30.00	4.02	4.02	4.02	3.70	-1242.30	-3750.65	3.019
3.93	17	SLU	1	392.72	4.02	4.02	4.02	4.01	837.51	3739.79	4.465
7.89	17	SLU	1	789.00	4.02	4.02	4.02	3.68	-1458.71	-3750.67	2.571
8.19	18	SLU	2	0.00	4.02	4.02	4.02	3.84	-548.98	-2649.08	4.825
10.77	18	SLU	2	257.64	4.02	4.02	4.02	4.00	180.07	2637.82	14.648
12.41	17	SLU	2	422.00	4.02	4.02	4.02	3.89	-247.27	-2649.05	10.713

Stato limite ultimo - Ferri longitudinali - Verifiche armatura a taglio

Xg <m>	CC	TCC	El	X <cm>	AfE I <cmq>	Tz <daN>	AfEP I <cmq>	σ_f inf <daN/cmq>
0.30	18	SLU	1	30.00	4.02	1062.61	0.33	3260.17
3.93	18	SLU	1	392.72	4.02	37.01	0.01	3005.13
7.89	17	SLU	1	789.00	4.02	-1120.47	0.34	3274.56
8.19	18	SLU	2	0.00	4.02	552.94	0.18	3133.43
10.77	17	SLU	2	257.64	4.02	-56.57	0.02	3009.99
12.41	17	SLU	2	422.00	4.02	-409.11	0.13	3097.66

Stato limite d'esercizio - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	My <daNm>	σ_f sup <daN/cmq>	σ_f inf <daN/cmq>	σ_c <daN/cmq>
0.30	22	SLE R	1	30.00	4.02	4.02	-976.92	1066.60	-237.17	29.64
0.30	30	SLE Q	1	30.00	4.02	4.02	-979.25	1069.14	-237.74	29.71
3.93	21	SLE R	1	392.72	4.02	4.02	645.03	-156.60	704.25	19.57
3.93	29	SLE Q	1	392.72	4.02	4.02	645.14	-156.62	704.36	19.57
7.89	21	SLE R	1	789.00	4.02	4.02	-1133.51	1237.56	-275.19	34.39
7.89	29	SLE Q	1	789.00	4.02	4.02	-1130.77	1234.57	-274.52	34.31
8.19	22	SLE R	2	0.00	4.02	4.02	-430.33	664.04	-146.29	22.36
8.19	30	SLE Q	2	0.00	4.02	4.02	-421.15	649.88	-143.17	21.88
10.77	22	SLE R	2	257.64	4.02	4.02	143.46	-48.77	221.37	7.45
10.77	30	SLE Q	2	257.64	4.02	4.02	141.22	-48.01	217.91	7.34
12.41	21	SLE R	2	422.00	4.02	4.02	-205.83	317.61	-69.97	10.69
12.41	29	SLE Q	2	422.00	4.02	4.02	-215.02	331.80	-73.10	11.17

Verifiche stato limite di formazione delle fessure

Caso	Xg <m>	CC	TCC	El	Sez.	Crit.	X <cm>	My <daNm>	c <mm>	s <mm>	K3	s_{rm} <mm>	Φ	A_s <cmq>	$A_{c\ eff}$ <cmq>	σ_s <daN/cmq>	σ_{sr} <daN/cmq>	ε_{sm}	Wk <mm>
10	0.30	30	SLE Q	1	7	2	30.00	-979.25	27.00	224.00	0.13	172.57	16.00	2.01	185.40	1069.14	1935.77	0.21	0.06
14	0.30	26	SLE F	1	7	2	30.00	-978.67	27.00	224.00	0.13	172.57	16.00	2.01	185.40	1068.51	1935.77	0.21	0.06
25	3.93	29	SLE Q	1	7	2	392.72	645.14	27.00	224.00	0.13	172.57	16.00	2.01	185.40	704.36	1935.77	0.14	0.04
29	3.93	25	SLE F	1	7	2	392.72	645.12	27.00	224.00	0.13	172.57	16.00	2.01	185.40	704.34	1935.77	0.14	0.04
41	7.89	29	SLE Q	1	7	2	789.00	-1130.77	27.00	224.00	0.13	172.57	16.00	2.01	185.40	1234.57	1935.77	0.24	0.07
45	7.89	25	SLE F	1	7	2	789.00	-1131.44	27.00	224.00	0.13	172.57	16.00	2.01	185.40	1235.31	1935.77	0.24	0.07
58	8.19	30	SLE Q	2	10	2	0.00	-421.15	27.00	224.00	0.13	172.57	16.00	2.01	185.40	649.88	1594.26	0.13	0.04
62	8.19	26	SLE F	2	10	2	0.00	-423.36	27.00	224.00	0.13	172.57	16.00	2.01	185.40	653.29	1594.26	0.13	0.04
74	10.77	30	SLE Q	2	10	2	257.64	141.22	27.00	224.00	0.13	172.57	16.00	2.01	185.40	217.91	1594.26	0.04	0.01
78	10.77	26	SLE F	2	10	2	257.64	141.76	27.00	224.00	0.13	172.57	16.00	2.01	185.40	218.75	1594.26	0.04	0.01
89	12.41	29	SLE Q	2	10	2	422.00	-215.02	27.00	224.00	0.13	172.57	16.00	2.01	185.40	331.80	1594.26	0.06	0.02
93	12.41	25	SLE F	2	10	2	422.00	-212.81	27.00	224.00	0.13	172.57	16.00	2.01	185.40	328.38	1594.26	0.06	0.02

Staffe - Verifiche armatura

CC	X0 <m>	X1 <m>	Lung. <m>	Staff.	AfE St. <cmq/m>	bw <m>	Vsdu <daN>	ctgθ	VRsd <daN>	VRcd <daN>	Sic.T
18 SLU	0.30	0.56	0.26	ø10/ 4 2 br.	39.27	0.30	1062.61	1.00	35266.10	28341.50	26.67
17 SLU	0.56	7.63	7.08	ø10/20 2 br.	7.85	0.30	1048.37	2.50	17633.00	19559.40	16.82
17 SLU	7.63	7.89	0.26	ø10/ 4 2 br.	39.27	0.30	1120.47	1.00	35266.10	28361.10	25.31
18 SLU	8.19	8.38	0.19	ø10/ 4 2 br.	39.27	0.30	552.94	1.00	25585.20	20556.50	37.18
18 SLU	8.38	12.23	3.85	ø10/12 2 br.	13.09	0.30	513.26	1.95	16670.20	16670.20	32.48
17 SLU	12.23	12.41	0.19	ø10/ 4 2 br.	39.27	0.30	409.11	1.00	25585.20	20556.50	50.25

Travata n. 503 Nodi: 31 32 33

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf sup <cm>	Cf inf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Acc.	Fyk <daN/cmq>	Fyd <daN/cmq>
7	R	30.00	29.00	3.50	3.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04
10	R	30.00	22.00	3.50	3.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	AfEP S <cmq>	AfEP I <cmq>	My <daNm>	Myu <daNm>	Sic.
0.30	18	SLU	1	30.00	4.02	4.02	4.02	3.69	-1278.46	-3750.67	2.934
3.94	17	SLU	1	393.75	4.02	4.02	4.02	4.01	828.52	3738.53	4.512

7.89	17	SLU	1	789.00	4.02	4.02	4.02	3.68	-1455.42	-3750.66	2.577
8.19	18	SLU	2	0.00	4.02	4.02	4.02	3.84	-591.06	-2649.08	4.482
10.90	18	SLU	2	270.93	4.02	4.02	4.02	4.00	215.81	2637.60	12.222
12.51	17	SLU	2	432.00	4.02	4.02	4.02	3.89	-208.25	-2649.06	12.721

Stato limite ultimo - Ferri longitudinali - Verifiche armatura a taglio

Xg <m>	CC	TCC	El	X <cm>	AfE I <cmq>	Tz <daN>	AfEP I <cmq>	σ_f inf <daN/cmq>
0.30	18	SLU	1	30.00	4.02	1069.89	0.33	3261.98
3.94	18	SLU	1	393.75	4.02	41.39	0.01	3006.22
7.89	17	SLU	1	789.00	4.02	-1117.57	0.34	3273.84
8.19	18	SLU	2	0.00	4.02	581.15	0.19	3140.44
10.90	17	SLU	2	270.93	4.02	-57.68	0.02	3010.27
12.51	17	SLU	2	432.00	4.02	-403.17	0.13	3096.18

Stato limite d'esercizio - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	My <daNm>	σ_f sup <daN/cmq>	σ_f inf <daN/cmq>	σ_c <daN/cmq>
0.30	22	SLE R	1	30.00	4.02	4.02	-1006.44	1098.83	-244.34	30.53
0.30	30	SLE Q	1	30.00	4.02	4.02	-1008.74	1101.33	-244.90	30.60
3.94	21	SLE R	1	393.75	4.02	4.02	638.66	-155.05	697.28	19.38
3.94	29	SLE Q	1	393.75	4.02	4.02	638.74	-155.07	697.37	19.38
7.89	21	SLE R	1	789.00	4.02	4.02	-1132.41	1236.36	-274.92	34.36
7.89	29	SLE Q	1	789.00	4.02	4.02	-1129.77	1233.47	-274.28	34.28
8.19	22	SLE R	2	0.00	4.02	4.02	-459.55	709.14	-156.23	23.88
8.19	30	SLE Q	2	0.00	4.02	4.02	-451.93	697.37	-153.64	23.48
10.90	22	SLE R	2	270.93	4.02	4.02	167.93	-57.09	259.14	8.73
10.90	30	SLE Q	2	270.93	4.02	4.02	165.84	-56.38	255.91	8.62
12.51	21	SLE R	2	432.00	4.02	4.02	-183.62	283.35	-62.42	9.54
12.51	29	SLE Q	2	432.00	4.02	4.02	-191.19	295.03	-65.00	9.93

Verifiche stato limite di formazione delle fessure

Caso	Xg <m>	CC	TCC	El	Sez.	Crit.	X <cm>	My <daNm>	c <mm>	s <mm>	K3	s_{rm} <mm>	Φ	A_s <cmq>	$A_{c\ eff}$ <cmq>	σ_s <daN/cmq>	σ_{sr} <daN/cmq>	ε_{sm}	Wk <mm>
10	0.30	30	SLE Q	1	7	2	30.00	-1008.74	27.00	224.00	0.13	172.57	16.00	2.01	185.40	1101.33	1935.77	0.21	0.06
14	0.30	26	SLE F	1	7	2	30.00	-1008.16	27.00	224.00	0.13	172.57	16.00	2.01	185.40	1100.71	1935.77	0.21	0.06
25	3.94	29	SLE Q	1	7	2	393.75	638.74	27.00	224.00	0.13	172.57	16.00	2.01	185.40	697.37	1935.77	0.14	0.04
29	3.94	25	SLE F	1	7	2	393.75	638.72	27.00	224.00	0.13	172.57	16.00	2.01	185.40	697.35	1935.77	0.14	0.04
41	7.89	29	SLE Q	1	7	2	789.00	-1129.77	27.00	224.00	0.13	172.57	16.00	2.01	185.40	1233.47	1935.77	0.24	0.07
45	7.89	25	SLE F	1	7	2	789.00	-1130.42	27.00	224.00	0.13	172.57	16.00	2.01	185.40	1234.19	1935.77	0.24	0.07
58	8.19	30	SLE Q	2	10	2	0.00	-451.93	27.00	224.00	0.13	172.57	16.00	2.01	185.40	697.37	1594.26	0.14	0.04
62	8.19	26	SLE F	2	10	2	0.00	-453.78	27.00	224.00	0.13	172.57	16.00	2.01	185.40	700.24	1594.26	0.14	0.04
74	10.90	30	SLE Q	2	10	2	270.93	165.84	27.00	224.00	0.13	172.57	16.00	2.01	185.40	255.91	1594.26	0.05	0.01
78	10.90	26	SLE F	2	10	2	270.93	166.35	27.00	224.00	0.13	172.57	16.00	2.01	185.40	256.69	1594.26	0.05	0.01
89	12.51	29	SLE Q	2	10	2	432.00	-191.19	27.00	224.00	0.13	172.57	16.00	2.01	185.40	295.03	1594.26	0.06	0.02
93	12.51	25	SLE F	2	10	2	432.00	-189.35	27.00	224.00	0.13	172.57	16.00	2.01	185.40	292.18	1594.26	0.06	0.02

Staffe - Verifiche armatura

CC	X0 <m>	X1 <m>	Lung. <m>	Staff.	AfE St. <cmq/m>	bw <m>	Vsdu <daN>	ctgθ	VRsd <daN>	VRcd <daN>	Sic.T
18 SLU	0.30	0.56	0.26	ø10/ 4 2 br.	39.27	0.30	1069.89	1.00	35266.10	28377.10	26.52
17 SLU	0.56	7.63	7.08	ø10/20 2 br.	7.85	0.30	1045.47	2.50	17633.00	19588.80	16.87
17 SLU	7.63	7.89	0.26	ø10/ 4 2 br.	39.27	0.30	1117.57	1.00	35266.10	28403.80	25.42
18 SLU	8.19	8.38	0.19	ø10/ 4 2 br.	39.27	0.30	581.15	1.00	25585.20	20578.70	35.41
18 SLU	8.38	12.32	3.95	ø10/12 2 br.	13.09	0.30	541.47	1.96	16681.50	16681.50	30.81
17 SLU	12.32	12.51	0.19	ø10/ 4 2 br.	39.27	0.30	403.17	1.00	25585.20	20556.50	50.99

Travata n. 504 Nodi: 41 -3918 -3919 -3920 42 -3921 -3922 -3923 -3924 -3925 -3926 -3927 -3928 -3929 -3930 -3931 -3932 43 -3933 -3934 -3935 44 -3936 -3937 -3938 45 46 47 -3939 -3940 -3941 -3942 -3943 48 49

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf sup <cm>	Cf inf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Acc.	Fyk <daN/cmq>	Fyd <daN/cmq>
9	R	25.00	29.00	3.50	3.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04
10	R	30.00	22.00	3.50	3.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	AfEP S <cmq>	AfEP I <cmq>	My <daNm>	Myu <daNm>	Sic.
12.07	18	SLU	27	0.00	4.02	6.03	4.02	4.04	-2833.48	-3705.00	1.308
13.57	18	SLU	27	150.50	4.02	4.02	4.02	4.01	1801.69	3693.25	2.050
15.07	17	SLU	27	300.00	8.04	8.04	8.04	5.39	-2853.42	-7149.24	2.506
17.94	18	SLU	34	0.00	16.34	6.28	16.34	4.05	-6375.75	-8858.29	1.389
20.16	18	SLU	34	222.13	4.02	6.28	4.02	6.27	3649.96	3974.01	1.089
22.26	17	SLU	34	432.00	10.30	9.42	10.30	7.31	-5421.98	-6317.27	1.165

Stato limite ultimo - Ferri longitudinali - Verifiche armatura a taglio

Xg <m>	CC	TCC	El	X <cm>	AfE I <cmq>	Tz <daN>	AfEP I <cmq>	σ_f inf <daN/cmq>

12.07	18	SLU	27	0.00	6.03	5941.98	1.99	2982.38	
13.57	17	SLU	27	150.50	4.02	-40.98	0.01	3006.12	
15.07	17	SLU	27	300.00	8.04	-5943.38	2.66	2236.96	
17.94	18	SLU	34	0.00	6.28	8725.59	2.23	3913.04	
20.16	17	SLU	34	222.13	6.28	-35.86	0.01	3586.71	
22.26	17	SLU	34	432.00	9.42	-8277.50	2.12	3913.04	

Stato limite d'esercizio - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	My <daNm>	σ_f sup <daN/cmq>	σ_f inf <daN/cmq>	σ_c <daN/cmq>
12.07	22	SLE R	27	0.00	4.02	6.03	-1913.11	2100.72	-475.56	59.03
12.07	30	SLE Q	27	0.00	4.02	6.03	-1912.61	2100.18	-475.44	59.01
13.57	22	SLE R	27	150.50	4.02	4.02	1214.13	-338.28	1333.95	40.29
13.57	30	SLE Q	27	150.50	4.02	4.02	1215.90	-338.77	1335.89	40.35
15.07	21	SLE R	27	300.00	8.04	8.04	-1935.39	1085.43	-422.37	44.15
15.07	29	SLE Q	27	300.00	8.04	8.04	-1932.68	1083.91	-421.78	44.09
17.94	22	SLE R	34	0.00	16.34	6.28	-4295.34	1737.91	-1312.28	134.93
17.94	30	SLE Q	34	0.00	16.34	6.28	-4298.51	1739.19	-1313.25	135.03
20.16	22	SLE R	34	222.13	4.02	6.28	2457.58	-860.83	2473.91	109.26
20.16	30	SLE Q	34	222.13	4.02	6.28	2455.89	-860.24	2472.21	109.19
22.26	21	SLE R	34	432.00	10.30	9.42	-3661.49	2293.73	-998.67	117.79
22.26	29	SLE Q	34	432.00	10.30	9.42	-3661.49	2293.73	-998.67	117.79

Verifiche stato limite di formazione delle fessure

Caso	Xg <m>	CC	TCC	El	Sez.	Crit.	X <cm>	My <daNm>	c <mm>	s <mm>	K3	s_{rm} <mm>	Φ	A_s <cmq>	$A_{c\ eff}$ <cmq>	σ_s <daN/cmq>	σ_{sr} <daN/cmq>	ε_{sm}	Wk <mm>
10	12.07	30	SLE Q	27	9	2	0.00	-1912.61	27.00	180.00	0.13	158.39	16.00	4.02	338.82	2100.18	1730.65	0.67	0.18
14	12.07	26	SLE F	27	9	2	0.00	-1912.77	27.00	180.00	0.13	158.39	16.00	4.02	338.82	2100.35	1730.65	0.67	0.18
26	13.57	30	SLE Q	27	9	2	150.50	1215.90	27.00	180.00	0.13	157.41	16.00	4.02	338.82	1335.89	1686.03	0.26	0.07
30	13.57	26	SLE F	27	9	2	150.50	1215.47	27.00	180.00	0.13	157.41	16.00	4.02	338.82	1335.41	1686.03	0.26	0.07
41	15.07	29	SLE Q	27	9	2	300.00	-1932.68	27.00	60.00	0.13	101.93	16.00	8.04	361.24	1083.91	1052.72	0.28	0.05
45	15.07	25	SLE F	27	9	2	300.00	-1933.30	27.00	60.00	0.13	101.93	16.00	8.04	361.24	1084.26	1052.72	0.28	0.05
58	17.94	30	SLE Q	34	10	2	0.00	-4298.51	25.00	38.33	0.13	87.54	20.00	16.34	488.06	1739.19	619.66	0.79	0.12
62	17.94	26	SLE F	34	10	2	0.00	-4297.78	25.00	38.33	0.13	87.54	20.00	16.34	488.06	1738.89	619.66	0.79	0.12
74	20.16	30	SLE Q	34	10	2	222.13	2455.89	25.00	230.00	0.13	172.14	20.00	6.28	478.38	2472.21	1129.02	1.07	0.31
78	20.16	26	SLE F	34	10	2	222.13	2456.30	25.00	230.00	0.13	172.14	20.00	6.28	478.38	2472.62	1129.02	1.08	0.31
89	22.26	29	SLE Q	34	10	2	432.00	-3661.49	25.00	76.67	0.13	112.70	20.00	10.30	488.06	2293.73	846.02	1.04	0.20
93	22.26	25	SLE F	34	10	2	432.00	-3661.46	25.00	76.67	0.13	112.70	20.00	10.30	488.06	2293.71	846.02	1.04	0.20

Staffe - Verifiche armatura

CC	X0 <m>	X1 <m>	Lung. <m>	Staff.	AfE St. <cmq/m>	bw <m>	Vsdu <daN>	ctgθ	VRsd <daN>	VRcd <daN>	Sic.T
18 SLU	12.07	12.32	0.26	ø10/ 4 2 br.	39.27	0.25	5941.98	1.00	35266.10	23612.20	3.97
18 SLU	12.32	14.82	2.49	ø10/20 2 br.	7.85	0.25	4935.20	2.39	16832.60	16832.60	3.41
17 SLU	14.82	15.07	0.26	ø10/ 4 2 br.	39.27	0.25	5943.38	1.00	35266.10	23639.00	3.98
17 SLU	17.94	18.13	0.19	ø10/ 4 2 br.	39.27	0.30	8687.14	1.00	25585.20	20635.40	2.38
18 SLU	17.94	18.13	0.19	ø10/ 4 2 br.	39.27	0.30	8725.59	1.00	25585.20	20794.40	2.38
20 SLU	18.13	22.07	3.95	ø10/12 2 br.	13.09	0.30	7989.19	1.96	16749.60	16749.60	2.10
17 SLU	22.07	22.26	0.19	ø10/ 4 2 br.	39.27	0.30	8277.50	1.00	25585.20	20635.40	2.49

Travata n. 506 Nodi: 14 23

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf sup <cm>	Cf inf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Acc.	Fyk <daN/cmq>	Fyd <daN/cmq>
10	R	30.00	22.00	3.50	3.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	AfEP S <cmq>	AfEP I <cmq>	My <daNm>	Myu <daNm>	Sic.
0.25	20	SLU	1	25.00	4.02	4.02	4.02	3.71	-192.82	-2649.17	13.739
1.04	19	SLU	1	104.00	4.02	4.02	4.02	4.01	230.72	2644.78	11.463
1.87	19	SLU	1	187.00	4.02	4.02	4.02	3.71	-212.83	-2649.15	12.447

Stato limite ultimo - Ferri longitudinali - Verifiche armatura a taglio

Xg <m>	CC	TCC	El	X <cm>	AfE I <cmq>	Tz <daN>	AfEP I <cmq>	σ_f inf <daN/cmq>
0.25	20	SLU	1	25.00	4.02	994.51	0.31	3243.24
1.04	20	SLU	1	104.00	4.02	21.38	0.01	3001.24
1.87	19	SLU	1	187.00	4.02	-1020.35	0.31	3249.66

Stato limite d'esercizio - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	My <daNm>	σ_f sup <daN/cmq>	σ_f inf <daN/cmq>	σ_c <daN/cmq>
0.25	24	SLE R	1	25.00	4.02	4.02	-139.83	215.77	-47.54	7.26
0.25	32	SLE Q	1	25.00	4.02	4.02	-124.79	192.57	-42.42	6.48
1.04	23	SLE R	1	104.00	4.02	4.02	164.52	-55.93	253.87	8.55
1.04	31	SLE Q	1	104.00	4.02	4.02	146.55	-49.82	226.14	7.61
1.87	23	SLE R	1	187.00	4.02	4.02	-153.90	237.48	-52.32	8.00
1.87	31	SLE Q	1	187.00	4.02	4.02	-137.84	212.71	-46.86	7.16

Verifiche stato limite di formazione delle fessure

Caso	Xg	CC	TCC	El	Sez.	Crit.	X	My	c	s	K3	s_{rm}	Φ	A_s	$A_{c\ eff}$	σ_s	σ_{sr}	ε_{sm}	Wk
	<m>						<cm>	<daNm>	<mm>	<mm>		<mm>		<cmq>	<cmq>	<daN/cmq>	<daN/cmq>		<mm>
12	0.25	32	SLE Q	1	10	2	25.00	-124.79	27.00	224.00	0.13	172.57	16.00	2.01	185.40	192.57	1594.26	0.04	0.01
16	0.25	28	SLE F	1	10	2	25.00	-128.55	27.00	224.00	0.13	172.57	16.00	2.01	185.40	198.37	1594.26	0.04	0.01
27	1.04	31	SLE Q	1	10	2	104.00	146.55	27.00	224.00	0.13	172.57	16.00	2.01	185.40	226.14	1594.26	0.04	0.01
31	1.04	27	SLE F	1	10	2	104.00	151.04	27.00	224.00	0.13	172.57	16.00	2.01	185.40	233.07	1594.26	0.05	0.01
43	1.87	31	SLE Q	1	10	2	187.00	-137.84	27.00	224.00	0.13	172.57	16.00	2.01	185.40	212.71	1594.26	0.04	0.01
47	1.87	27	SLE F	1	10	2	187.00	-141.86	27.00	224.00	0.13	172.57	16.00	2.01	185.40	218.90	1594.26	0.04	0.01

Staffe - Verifiche armatura

CC	X0	X1	Lung.	Staff.	AfE St.	bw	Vsdu	ctgθ	VRsd	VRcd	Sic.T
	<m>	<m>	<m>		<cmq/m>	<m>	<daN>		<daN>	<daN>	
20 SLU	0.25	0.44	0.19	ø10/ 4 2 br.	39.27	0.30	994.51	1.00	25585.20	20556.50	20.67
19 SLU	0.44	1.69	1.25	ø10/12 2 br.	13.09	0.30	792.46	1.95	16671.80	16671.80	21.04
19 SLU	1.69	1.87	0.19	ø10/ 4 2 br.	39.27	0.30	1020.35	1.00	25585.20	20559.80	20.15

Travata n. 507 Nodi: 15 24

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B	H	Cf sup	Cf inf	Cls	Fck	Fctk	Fcd	Fctd	Acc.	Fyk	Fyd
		<cm>	<cm>	<cm>	<cm>		<daN/cmq>	<daN/cmq>	<daN/cmq>	<daN/cmq>		<daN/cmq>	<daN/cmq>
10	R	30.00	22.00	3.50	3.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Ferri longitudinali - Verifiche armatura

Xg	CC	TCC	El	X	AfE S	AfE I	AfEP S	AfEP I	My	Myu	Sic.
<m>				<cm>	<cmq>	<cmq>	<cmq>	<cmq>	<daNm>	<daNm>	
0.25	17	SLU	1	25.00	4.02	4.02	4.02	3.70	-121.53	-2649.17	21.799
1.00	20	SLU	1	99.51	4.02	4.02	4.02	4.02	293.45	2645.88	9.016
1.87	19	SLU	1	187.00	4.02	4.02	4.02	3.65	-286.85	-2649.22	9.236

Stato limite ultimo - Ferri longitudinali - Verifiche armatura a taglio

Xg	CC	TCC	El	X	AfE I	Tz	AfEP I	σ_f inf
<m>				<cm>	<cmq>	<daN>	<cmq>	<daN/cmq>
0.25	20	SLU	1	25.00	4.02	1034.81	0.32	3253.26
1.00	19	SLU	1	99.51	4.02	-15.71	0.01	2999.83
1.87	19	SLU	1	187.00	4.02	-1230.86	0.37	3302.01

Stato limite d'esercizio - Ferri longitudinali - Verifiche armatura

Xg	CC	TCC	El	X	AfE S	AfE I	My	σ_f sup	σ_f inf	σ_c
<m>				<cm>	<cmq>	<cmq>	<daNm>	<daN/cmq>	<daN/cmq>	<daN/cmq>
0.25	21	SLE R	1	25.00	4.02	4.02	-88.64	136.78	-30.13	4.61
0.25	29	SLE Q	1	25.00	4.02	4.02	-77.39	119.42	-26.31	4.02
1.00	24	SLE R	1	99.51	4.02	4.02	209.62	-71.26	323.46	10.89
1.00	32	SLE Q	1	99.51	4.02	4.02	187.01	-63.58	288.58	9.72
1.87	23	SLE R	1	187.00	4.02	4.02	-206.95	319.35	-70.35	10.75
1.87	31	SLE Q	1	187.00	4.02	4.02	-185.33	285.98	-63.00	9.63

Verifiche stato limite di formazione delle fessure

Caso	Xg	CC	TCC	El	Sez.	Crit.	X	My	c	s	K3	s_{rm}	Φ	A_s	$A_{c\ eff}$	σ_s	σ_{sr}	ε_{sm}	Wk
	<m>						<cm>	<daNm>	<mm>	<mm>		<mm>		<cmq>	<cmq>	<daN/cmq>	<daN/cmq>		<mm>
9	0.25	29	SLE Q	1	10	2	25.00	-77.39	27.00	224.00	0.13	172.57	16.00	2.01	185.40	119.42	1594.26	0.02	0.01
13	0.25	25	SLE F	1	10	2	25.00	-80.22	27.00	224.00	0.13	172.57	16.00	2.01	185.40	123.79	1594.26	0.02	0.01
28	1.00	32	SLE Q	1	10	2	99.51	187.01	27.00	224.00	0.13	172.57	16.00	2.01	185.40	288.58	1594.26	0.06	0.02
32	1.00	28	SLE F	1	10	2	99.51	192.66	27.00	224.00	0.13	172.57	16.00	2.01	185.40	297.29	1594.26	0.06	0.02
43	1.87	31	SLE Q	1	10	2	187.00	-185.33	27.00	224.00	0.13	172.57	16.00	2.01	185.40	285.98	1594.26	0.06	0.02
47	1.87	27	SLE F	1	10	2	187.00	-190.72	27.00	224.00	0.13	172.57	16.00	2.01	185.40	294.31	1594.26	0.06	0.02

Staffe - Verifiche armatura

CC	X0	X1	Lung.	Staff.	AfE St.	bw	Vsdu	ctgθ	VRsd	VRcd	Sic.T
	<m>	<m>	<m>		<cmq/m>	<m>	<daN>		<daN>	<daN>	
20 SLU	0.25	0.44	0.19	ø10/ 4 2 br.	39.27	0.30	1034.81	1.00	25585.20	20556.50	19.86
19 SLU	0.44	1.69	1.25	ø10/12 2 br.	13.09	0.30	973.92	1.96	16689.40	16689.40	17.14
18 SLU	1.69	1.87	0.19	ø10/ 4 2 br.	39.27	0.30	1229.57	1.00	25585.20	20556.50	16.72
19 SLU	1.69	1.87	0.19	ø10/ 4 2 br.	39.27	0.30	1230.86	1.00	25585.20	20594.00	16.73

Travata n. 508 Nodi: 16 27 31 44

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B	H	Cf sup	Cf inf	Cls	Fck	Fctk	Fcd	Fctd	Acc.	Fyk	Fyd
		<cm>	<cm>	<cm>	<cm>		<daN/cmq>	<daN/cmq>	<daN/cmq>	<daN/cmq>		<daN/cmq>	<daN/cmq>
6	R	30.00	60.00	3.50	3.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Ferri longitudinali - Verifiche armatura

Xg	CC	TCC	El	X	AfE S	AfE I	AfEP S	AfEP I	My	Myu	Sic.
<m>				<cm>	<cmq>	<cmq>	<cmq>	<cmq>	<daNm>	<daNm>	
0.30	5	SLV	1	30.00	6.28	12.19	6.28	7.08	-6619.03	-13324.70	2.013
1.62	19	SLU	1	161.89	6.28	12.19	6.28	10.46	8338.38	21938.50	2.631
3.62	13	SLV	1	362.00	13.45	12.19	13.45	5.97	-16041.90	-28004.20	1.746

4.22	20	SLU	2	30.00	13.45	12.19	13.45	4.22	-26207.80	-27792.90	1.060
6.94	20	SLU	2	302.13	6.28	12.19	6.28	11.37	17828.30	23803.90	1.335
9.66	19	SLU	2	574.00	21.61	12.19	21.61	4.12	-27368.20	-42345.10	1.547
10.46	20	SLU	3	15.00	21.61	12.19	21.61	2.82	-38322.20	-41773.20	1.090
13.63	19	SLU	3	331.66	6.28	12.19	6.28	11.65	22348.60	24381.20	1.091
16.05	19	SLU	3	574.00	6.28	12.19	6.28	5.11	-13220.40	-13324.20	1.008
0.30	6	SLD	1	30.00	6.28	12.19	6.28	7.08	-7146.14	-15423.30	2.158
1.62	14	SLD	1	161.89	6.28	12.19	6.28	10.46	5688.00	25349.50	4.457
3.62	14	SLD	1	362.00	13.45	12.19	13.45	5.97	-16765.50	-32358.00	1.930
4.22	6	SLD	2	30.00	13.45	12.19	13.45	4.22	-23014.10	-32253.10	1.401
6.94	6	SLD	2	302.13	6.28	12.19	6.28	11.37	11856.30	27500.30	2.319
9.66	14	SLD	2	574.00	21.61	12.19	21.61	4.12	-24450.70	-50005.10	2.045
10.46	6	SLD	3	15.00	21.61	12.19	21.61	2.82	-30896.50	-49548.50	1.604
13.63	14	SLD	3	331.66	6.28	12.19	6.28	11.65	14524.60	28167.60	1.939
16.05	14	SLD	3	574.00	6.28	12.19	6.28	5.11	-12938.20	-15424.50	1.192

Stato limite ultimo - Ferri longitudinali - Verifiche armatura a taglio

Xg <m>	CC	TCC	El	X <cm>	AfE I <cmq>	Tz <daN>	AfEP I <cmq>	σ_f inf <daN/cmq>
0.30	20	SLU	1	30.00	12.19	15821.30	5.11	3095.67
0.30	6	SLD	1	30.00	12.19	13719.30	5.11	2684.39
1.62	5	SLV	1	161.89	12.19	3632.93	1.73	2095.76
1.62	6	SLD	1	161.89	12.19	4009.63	1.73	2313.07
3.62	19	SLU	1	362.00	12.19	-22818.20	6.22	3669.69
3.62	14	SLD	1	362.00	12.19	-18317.40	6.22	2945.87
4.22	20	SLU	2	30.00	12.19	31172.20	7.97	3913.04
4.22	6	SLD	2	30.00	12.19	22429.10	7.97	2815.52
6.94	13	SLV	2	302.13	12.19	-2427.43	0.82	2953.55
6.94	14	SLD	2	302.13	12.19	-2680.35	0.82	3261.29
9.66	19	SLU	2	574.00	12.19	-31576.10	8.07	3913.04
9.66	14	SLD	2	574.00	12.19	-22695.30	8.07	2812.50
10.46	20	SLU	3	15.00	12.19	36647.90	9.37	3913.04
10.46	6	SLD	3	15.00	12.19	25494.80	9.37	2722.19
13.63	5	SLV	3	331.66	12.19	1981.15	0.54	3677.43
13.63	6	SLD	3	331.66	12.19	2182.19	0.54	4050.59
16.05	19	SLU	3	574.00	12.19	-27718.50	7.08	3913.04
16.05	14	SLD	3	574.00	12.19	-19707.80	7.08	2782.16

Stato limite d'esercizio - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	My <daNm>	σ_f sup <daN/cmq>	σ_f inf <daN/cmq>	σ_c <daN/cmq>
0.30	24	SLE R	1	30.00	6.28	12.19	-2505.33	758.64	-160.20	14.72
0.30	32	SLE Q	1	30.00	6.28	12.19	-2266.11	686.20	-144.90	13.32
1.62	23	SLE R	1	161.89	6.28	12.19	5812.20	-387.35	939.09	31.66
1.62	31	SLE Q	1	161.89	6.28	12.19	5363.07	-357.42	866.52	29.22
3.62	23	SLE R	1	362.00	13.45	12.19	-10664.90	1545.63	-597.34	49.26
3.62	31	SLE Q	1	362.00	13.45	12.19	-10050.60	1456.60	-562.93	46.42
4.22	24	SLE R	2	30.00	13.45	12.19	-18396.10	2666.08	-1030.36	84.96
4.22	32	SLE Q	2	30.00	13.45	12.19	-17028.80	2467.92	-953.78	78.65
6.94	24	SLE R	2	302.13	6.28	12.19	12406.50	-826.83	2004.56	67.59
6.94	32	SLE Q	2	302.13	6.28	12.19	11478.00	-764.95	1854.53	62.53
9.66	23	SLE R	2	574.00	21.61	12.19	-19224.80	1769.52	-985.79	77.85
9.66	31	SLE Q	2	574.00	21.61	12.19	-17814.60	1639.72	-913.49	72.14
10.46	24	SLE R	3	15.00	21.61	12.19	-26798.20	2466.60	-1374.14	108.52
10.46	32	SLE Q	3	15.00	21.61	12.19	-24886.70	2290.66	-1276.12	100.78
13.63	23	SLE R	3	331.66	6.28	12.19	15547.70	-1036.17	2512.08	84.70
13.63	31	SLE Q	3	331.66	6.28	12.19	14381.40	-958.44	2323.64	78.35
16.05	23	SLE R	3	574.00	6.28	12.19	-9321.48	2822.65	-596.03	54.79
16.05	31	SLE Q	3	574.00	6.28	12.19	-8567.55	2594.35	-547.83	50.36

Verifiche stato limite di formazione delle fessure

Caso	Xg <m>	CC	TCC	El	Sez.	Crit.	X <cm>	My <daNm>	c <mm>	s <mm>	K3	s_{rm} <mm>	Φ	A_s <cmq>	$A_{c\ eff}$ <cmq>	σ_s <daN/cmq>	σ_{sr} <daN/cmq>	ε_{sm}	Wk <mm>
44	0.30	32	SLE Q	1	6	1	30.00	-2266.11	25.00	230.00	0.18	205.59	20.00	6.28	478.38	686.20	2422.10	0.13	0.05
48	0.30	28	SLE F	1	6	1	30.00	-2324.57	25.00	230.00	0.18	205.59	20.00	6.28	478.38	703.91	2422.10	0.14	0.05
91	1.62	31	SLE Q	1	6	1	161.89	5363.07	23.00	115.00	0.16	142.41	24.00	12.19	574.14	866.52	1393.57	0.17	0.04
95	1.62	27	SLE F	1	6	1	161.89	5475.35	23.00	115.00	0.16	142.41	24.00	12.19	574.14	884.67	1393.57	0.17	0.04
139	3.62	31	SLE Q	1	6	1	362.00	-10050.60	25.00	57.50	0.18	114.40	20.00	13.45	503.10	1456.60	1321.90	0.42	0.08
143	3.62	27	SLE F	1	6	1	362.00	-10206.20	25.00	57.50	0.18	114.40	20.00	13.45	503.10	1479.15	1321.90	0.43	0.08
188	4.22	32	SLE Q	2	6	1	30.00	-17028.80	25.00	57.50	0.18	114.40	20.00	13.45	503.10	2467.92	1321.90	1.03	0.20
192	4.22	28	SLE F	2	6	1	30.00	-17370.80	25.00	57.50	0.18	114.40	20.00	13.45	503.10	2517.49	1321.90	1.05	0.20
236	6.94	32	SLE Q	2	6	1	302.13	11478.00	23.00	115.00	0.16	142.41	24.00	12.19	574.14	1854.53	1393.57	0.65	0.16
240	6.94	28	SLE F	2	6	1	302.13	11710.00	23.00	115.00	0.16	142.41	24.00	12.19	574.14	1892.01	1393.57	0.67	0.16
283	9.66	31	SLE Q	2	6	1	574.00	-17814.60	23.00	46.00	0.16	97.10	24.00	21.61	586.62	1639.72	982.11	0.65	0.11
287	9.66	27	SLE F	2	6	1	574.00	-18167.30	23.00	46.00	0.16	97.10	24.00	21.61	586.62	1672.18	982.11	0.67	0.11
332	10.46	32	SLE Q	3	6	1	15.00	-24886.70	23.00	46.00	0.16	97.10	24.00	21.61	586.62	2290.66	982.11	1.01	0.17
336	10.46	28	SLE F	3	6	1	15.00	-25365.20	23.00	46.00	0.16	97.10	24.00	21.61	586.62	2334.70	982.11	1.03	0.17
379	13.63	31	SLE Q	3	6	1	331.66	14381.40	23.00	115.00	0.16	142.41	24.00	12.19	574.14	2323.64	1393.57	0.93	0.22
383	13.63	27	SLE F	3	6	1	331.66	14672.90	23.00	115.00	0.16	142.41	24.00	12.19	574.14	2370.73	1393.57	0.95	0.23
427	16.05	31	SLE Q	3	6	1	574.00	-8567.55	25.00	230.00	0.18	205.59	20.00	6.28	478.38	2594.35	2422.10	0.71	0.25
431	16.05	27	SLE F	3	6	1	574.00	-8755.76	25.00	230.00	0.18	205.59	20.00	6.28	478.38	2651.34	2422.10	0.75	0.26

Staffe - Verifiche armatura

CC	X0	X1	Lung.	Staff.	AfE St.	bw	Vsdu	$ctg\theta$	VRsd	VRcd	Sic.T

		<m>	<m>	<m>		<cmq/m>	<m>	<daN>		<daN>	<daN>	
20	SLU	0.30	0.87	0.57	ø10/12 2 br.	13.09	0.30	15821.30	1.96	51133.40	51133.40	3.23
19	SLU	0.87	3.05	2.19	ø10/32 2 br.	4.91	0.30	16346.20	2.50	24418.30	43444.00	1.49
19	SLU	3.05	3.62	0.57	ø10/12 2 br.	13.09	0.30	22818.20	1.96	51020.50	51020.50	2.24
20	SLU	4.22	4.79	0.57	ø10/12 2 br.	13.09	0.30	31172.20	1.97	51184.50	51184.50	1.64
19	SLU	4.79	9.10	4.31	ø10/28 2 br.	5.61	0.30	25104.20	2.50	27906.60	43615.30	1.11
19	SLU	9.10	9.66	0.57	ø10/12 2 br.	13.09	0.30	31576.10	1.96	51147.10	51147.10	1.62
20	SLU	10.46	11.03	0.57	ø10/12 2 br.	13.09	0.30	36647.90	1.96	51025.90	51025.90	1.39
20	SLU	11.03	15.48	4.46	ø10/24 2 br.	6.54	0.30	30175.90	2.50	32557.70	43451.30	1.08
19	SLU	15.48	16.05	0.57	ø10/12 2 br.	13.09	0.30	27718.50	1.96	51141.00	51141.00	1.85

Travata n. 509 Nodi: 20 -3699 -3702 -3703 -3705 -3719 -3724 -3728 -3732 -3736 28 -3742 -3746 -3762 -3766 -3770 -3774 -3778 -3782 -3786 -3802 -3806 -3810 -3814 32 -3820 -3824 -3840 -3844 -3848 35 -3866 -3871 -3876 36 -3894 -3897 -3900 48

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B	H	Cf sup	Cf inf	Cls	Fck	Fctk	Fcd	Fctd	Acc.	Fyk	Fyd
		<cm>	<cm>	<cm>	<cm>		<daN/cmq>	<daN/cmq>	<daN/cmq>	<daN/cmq>		<daN/cmq>	<daN/cmq>
9	R	25.00	29.00	3.50	3.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Ferri longitudinali - Verifiche armatura

Travata priva di sollecitazioni perché adiacente ad un muro o per altri motivi

Stato limite ultimo - Ferri longitudinali - Verifiche armatura a taglio

Travata priva di sollecitazioni perché adiacente ad un muro o per altri motivi

Stato limite d'esercizio - Ferri longitudinali - Verifiche armatura

Travata priva di sollecitazioni perché adiacente ad un muro o per altri motivi

Staffe - Verifiche armatura

Travata priva di sollecitazioni perché adiacente ad un muro o per altri motivi

Travata n. 510 Nodi: 21 29 33 37 -3895 -3898 -3901 49

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B	H	Cf sup	Cf inf	Cls	Fck	Fctk	Fcd	Fctd	Acc.	Fyk	Fyd
		<cm>	<cm>	<cm>	<cm>		<daN/cmq>	<daN/cmq>	<daN/cmq>	<daN/cmq>		<daN/cmq>	<daN/cmq>
6	R	30.00	60.00	3.50	3.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Ferri longitudinali - Verifiche armatura

Xg	CC	TCC	El	X	AfE S	AfE I	AfEP S	AfEP I	My	Myu	Sic.
<m>				<cm>	<cmq>	<cmq>	<cmq>	<cmq>	<daNm>	<daNm>	
0.30	5	SLV	1	30.00	6.28	9.05	6.28	7.99	1702.47	16854.90	9.900
0.65	5	SLV	1	65.35	6.28	9.05	6.28	8.36	1897.18	17627.80	9.292
3.75	19	SLU	1	374.50	6.28	9.05	6.28	6.35	-10776.60	-13325.10	1.236
4.09	20	SLU	2	17.50	8.29	9.05	8.29	3.79	-16741.10	-17463.10	1.043
6.95	20	SLU	2	302.84	6.28	9.05	6.28	8.75	13869.90	18432.40	1.329
9.86	19	SLU	2	594.00	9.42	9.05	9.42	3.65	-18457.20	-19767.50	1.071
10.46	13	SLV	3	15.00	9.42	9.05	9.42	4.89	-14697.70	-19800.50	1.347
13.45	13	SLV	3	314.27	6.28	9.05	6.28	6.87	5534.55	14542.80	2.628
14.35	5	SLV	3	404.00	6.28	15.33	6.28	9.77	-10201.70	-13323.60	1.306
0.30	6	SLD	1	30.00	6.28	9.05	6.28	7.99	1886.84	19490.10	10.329
0.65	6	SLD	1	65.35	6.28	9.05	6.28	8.36	2038.41	20381.70	9.999
3.75	6	SLD	1	374.50	6.28	9.05	6.28	6.35	-8687.33	-15423.70	1.775
4.09	14	SLD	2	17.50	8.29	9.05	8.29	3.79	-12991.50	-20208.60	1.556
6.95	14	SLD	2	302.84	6.28	9.05	6.28	8.75	9341.74	21309.50	2.281
9.86	6	SLD	2	594.00	9.42	9.05	9.42	3.65	-14800.80	-22877.40	1.546
10.46	14	SLD	3	15.00	9.42	9.05	9.42	4.89	-15519.80	-22896.00	1.475
13.45	14	SLD	3	314.27	6.28	9.05	6.28	6.87	6052.52	16827.50	2.780
14.35	6	SLD	3	404.00	6.28	15.33	6.28	9.77	-11060.30	-15422.10	1.394

Stato limite ultimo - Ferri longitudinali - Verifiche armatura a taglio

Xg	CC	TCC	El	X	AfE I	Tz	AfEP I	σ_{ε} inf
<m>				<cm>	<cmq>	<daN>	<cmq>	<daN/cmq>
0.30	20	SLU	1	30.00	9.05	2907.87	1.06	2743.31
0.30	14	SLD	1	30.00	9.05	2686.93	1.06	2534.88
0.65	13	SLV	1	65.35	9.05	1796.21	0.69	2620.45
0.65	14	SLD	1	65.35	9.05	1907.18	0.69	2782.34
3.75	19	SLU	1	374.50	9.05	-9296.48	2.70	3449.41
3.75	6	SLD	1	374.50	9.05	-6818.74	2.70	2530.06
4.09	20	SLU	2	17.50	9.05	20556.60	5.25	3913.04
4.09	14	SLD	2	17.50	9.05	14207.00	5.25	2704.36
6.95	5	SLV	2	302.84	9.05	-869.53	0.30	2940.48
6.95	6	SLD	2	302.84	9.05	-976.87	0.30	3303.48
9.86	19	SLU	2	594.00	9.05	-21128.80	5.40	3913.04

9.86	6	SLD	2	594.00	9.05	-14605.00	5.40	2704.84
10.46	20	SLU	3	15.00	9.05	16283.80	4.16	3913.04
10.46	14	SLD	3	15.00	9.05	14028.30	4.16	3371.03
13.45	5	SLV	3	314.27	9.05	-6942.18	2.18	3189.20
13.45	6	SLD	3	314.27	9.05	-7374.24	2.18	3387.69
14.35	19	SLU	3	404.00	15.33	-12467.70	5.56	2242.57
14.35	6	SLD	3	404.00	15.33	-11574.10	5.56	2081.84

Stato limite d'esercizio - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	My <daNm>	σ_f sup <daN/cmq>	σ_f inf <daN/cmq>	σ_c <daN/cmq>
0.30	23	SLE R	1	30.00	6.28	9.05	479.60	-34.07	103.09	2.88
0.30	31	SLE Q	1	30.00	6.28	9.05	458.59	-32.58	98.58	2.75
0.65	23	SLE R	1	65.35	6.28	9.05	1072.38	-76.18	230.52	6.43
0.65	31	SLE Q	1	65.35	6.28	9.05	943.31	-67.01	202.77	5.66
3.75	23	SLE R	1	374.50	6.28	9.05	-7533.77	2290.61	-528.74	47.66
3.75	31	SLE Q	1	374.50	6.28	9.05	-7034.03	2138.66	-493.67	44.50
4.09	24	SLE R	2	17.50	8.29	9.05	-11652.10	2707.14	-776.85	67.13
4.09	32	SLE Q	2	17.50	8.29	9.05	-10919.10	2536.84	-727.98	62.91
6.95	24	SLE R	2	302.84	6.28	9.05	9548.82	-678.33	2052.59	57.24
6.95	32	SLE Q	2	302.84	6.28	9.05	9040.47	-642.22	1943.32	54.20
9.86	23	SLE R	2	594.00	9.42	9.05	-12778.00	2624.11	-831.11	70.62
9.86	31	SLE Q	2	594.00	9.42	9.05	-12133.20	2491.70	-789.18	67.06
10.46	24	SLE R	3	15.00	9.42	9.05	-9723.94	1996.93	-632.47	53.74
10.46	32	SLE Q	3	15.00	9.42	9.05	-9196.59	1888.63	-598.17	50.83
13.45	24	SLE R	3	314.27	6.28	9.05	2188.04	-155.43	470.34	13.12
13.45	32	SLE Q	3	314.27	6.28	9.05	2067.40	-146.86	444.40	12.39
14.35	23	SLE R	3	404.00	6.28	15.33	-4638.44	1400.38	-271.83	25.48
14.35	31	SLE Q	3	404.00	6.28	15.33	-4455.33	1345.10	-261.10	24.48

Verifiche stato limite di formazione delle fessure

Caso	Xg <m>	CC	TCC	El	Sez.	Crit.	X <cm>	My <daNm>	c <mm>	s <mm>	K3	s_{rm} <mm>	Φ	A_s <cmq>	$A_{c\ eff}$ <cmq>	σ_s <daN/cmq>	σ_{sr} <daN/cmq>	ε_{sm}	Wk <mm>
43	0.30	31	SLE Q	1	6	1	30.00	458.59	23.00	230.00	0.16	191.32	24.00	9.05	570.42	98.58	1739.91	0.02	0.01
47	0.30	27	SLE F	1	6	1	30.00	464.09	23.00	230.00	0.16	191.32	24.00	9.05	570.42	99.76	1739.91	0.02	0.01
91	0.65	31	SLE Q	1	6	1	65.35	943.31	23.00	230.00	0.16	191.32	24.00	9.05	570.42	202.77	1739.91	0.04	0.01
95	0.65	27	SLE F	1	6	1	65.35	975.72	23.00	230.00	0.16	191.32	24.00	9.05	570.42	209.74	1739.91	0.04	0.01
139	3.75	31	SLE Q	1	6	1	374.50	-7034.03	25.00	230.00	0.18	204.77	20.00	6.28	478.38	2138.66	2373.76	0.42	0.14
143	3.75	27	SLE F	1	6	1	374.50	-7159.69	25.00	230.00	0.18	204.77	20.00	6.28	478.38	2176.87	2373.76	0.43	0.15
188	4.09	32	SLE Q	2	6	1	17.50	-10919.10	25.00	115.00	0.18	156.44	20.00	8.29	487.01	2536.84	1894.66	0.89	0.24
192	4.09	28	SLE F	2	6	1	17.50	-11102.50	25.00	115.00	0.18	156.44	20.00	8.29	487.01	2579.45	1894.66	0.91	0.24
236	6.95	32	SLE Q	2	6	1	302.84	9040.47	23.00	230.00	0.16	191.32	24.00	9.05	570.42	1943.32	1739.91	0.57	0.18
240	6.95	28	SLE F	2	6	1	302.84	9167.27	23.00	230.00	0.16	191.32	24.00	9.05	570.42	1970.58	1739.91	0.58	0.19
283	9.86	31	SLE Q	2	6	1	594.00	-12133.20	25.00	115.00	0.18	149.79	20.00	9.42	510.80	2491.70	1714.80	0.92	0.24
287	9.86	27	SLE F	2	6	1	594.00	-12294.80	25.00	115.00	0.18	149.79	20.00	9.42	510.80	2524.88	1714.80	0.94	0.24
332	10.46	32	SLE Q	3	6	1	15.00	-9196.59	25.00	115.00	0.18	149.79	20.00	9.42	510.80	1888.63	1714.80	0.54	0.14
336	10.46	28	SLE F	3	6	1	15.00	-9328.38	25.00	115.00	0.18	149.79	20.00	9.42	510.80	1915.70	1714.80	0.56	0.14
380	13.45	32	SLE Q	3	6	1	314.27	2067.40	23.00	230.00	0.16	191.32	24.00	9.05	570.42	444.40	1739.91	0.09	0.03
384	13.45	28	SLE F	3	6	1	314.27	2097.63	23.00	230.00	0.16	191.32	24.00	9.05	570.42	450.90	1739.91	0.09	0.03
427	14.35	31	SLE Q	3	6	1	404.00	-4455.33	25.00	230.00	0.18	206.35	20.00	6.28	478.38	1345.10	2468.10	0.26	0.09
431	14.35	27	SLE F	3	6	1	404.00	-4501.03	25.00	230.00	0.18	206.35	20.00	6.28	478.38	1358.89	2468.10	0.26	0.09

Staffe - Verifiche armatura

CC	X0 <m>	X1 <m>	Lung. <m>	Staff.	AfE St. <cmq/m>	bw <m>	Vsdu <daN>	ctgθ	VRsd <daN>	VRcd <daN>	Sic.T
20 SLU	0.30	0.87	0.57	ø10/12 2 br.	13.09	0.30	2907.87	1.96	50947.50	50947.40	17.52
19 SLU	0.87	3.18	2.31	ø10/32 2 br.	4.91	0.30	7326.67	2.50	24418.30	43327.10	3.33
19 SLU	3.18	3.75	0.57	ø10/12 2 br.	13.09	0.30	9296.48	1.96	50933.90	50933.90	5.48
20 SLU	4.09	4.66	0.57	ø10/12 2 br.	13.09	0.30	20556.60	1.95	50911.60	50911.60	2.48
19 SLU	4.66	9.29	4.63	ø10/32 2 br.	4.91	0.30	17061.40	2.50	24418.30	43297.00	1.43
19 SLU	9.29	9.86	0.57	ø10/12 2 br.	13.09	0.30	21128.80	1.95	50911.60	50911.60	2.41
20 SLU	10.46	11.03	0.57	ø10/12 2 br.	13.09	0.30	16283.80	1.95	50911.60	50911.60	3.13
20 SLU	11.03	13.79	2.76	ø10/32 2 br.	4.91	0.30	12216.40	2.50	24418.30	43297.00	2.00

Travata n. 511 Nodi: 18 19 -3693 -3694 -3695 -3696 -3697 20 21

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf sup <cm>	Cf inf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Acc.	Fyk <daN/cmq>	Fyd <daN/cmq>
9	R	25.00	29.00	3.50	3.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04
10	R	30.00	22.00	3.50	3.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	AfEP S <cmq>	AfEP I <cmq>	My <daNm>	Myu <daNm>	Sic.
0.00	17	SLU	1	0.00	4.02	6.28	4.02	4.31	-1972.95	-3704.87	1.878
1.40	18	SLU	1	140.05	4.02	6.28	4.02	6.28	2096.76	5640.89	2.690
3.00	17	SLU	1	300.00	4.02	10.30	4.02	6.76	-3193.44	-3703.98	1.160
5.87	18	SLU	8	0.00	4.02	4.02	4.02	3.87	-303.77	-2649.09	8.721
8.08	18	SLU	8	220.84	4.02	4.02	4.02	4.01	244.27	2643.88	10.823
10.19	17	SLU	8	432.00	4.02	4.02	4.02	3.87	-322.60	-2649.06	8.212

Stato limite ultimo - Ferri longitudinali - Verifiche armatura a taglio

Xg <m>	CC	TCC	El	X <cm>	AfE I <cmq>	Tz <daN>	AfEP I <cmq>	σ_f inf <daN/cmq>
0.00	18	SLU	1	0.00	6.28	5526.69	1.98	2796.99
1.40	17	SLU	1	140.05	6.28	-13.97	0.01	1919.62
3.00	17	SLU	1	300.00	10.30	-6329.02	3.55	1783.34
5.87	18	SLU	8	0.00	4.02	474.96	0.15	3114.04
8.08	17	SLU	8	220.84	4.02	-25.81	0.01	3002.34
10.19	17	SLU	8	432.00	4.02	-478.75	0.15	3114.98

Stato limite d'esercizio - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	My <daNm>	σ_f sup <daN/cmq>	σ_f inf <daN/cmq>	σ_c <daN/cmq>
0.00	21	SLE R	1	0.00	4.02	6.28	-1327.12	1457.24	-325.46	40.60
0.00	29	SLE Q	1	0.00	4.02	6.28	-1331.31	1461.84	-326.49	40.73
1.40	22	SLE R	1	140.05	4.02	6.28	1415.53	-383.84	1012.94	40.40
1.40	30	SLE Q	1	140.05	4.02	6.28	1414.18	-383.47	1011.98	40.37
3.00	21	SLE R	1	300.00	4.02	10.30	-2158.12	2370.84	-433.88	58.67
3.00	29	SLE Q	1	300.00	4.02	10.30	-2155.95	2368.46	-433.44	58.61
5.87	22	SLE R	8	0.00	4.02	4.02	-246.70	380.69	-83.87	12.82
5.87	30	SLE Q	8	0.00	4.02	4.02	-248.27	383.11	-84.40	12.90
8.08	22	SLE R	8	220.84	4.02	4.02	187.35	-63.69	289.10	9.73
8.08	30	SLE Q	8	220.84	4.02	4.02	185.30	-62.99	285.94	9.63
10.19	21	SLE R	8	432.00	4.02	4.02	-252.62	389.82	-85.88	13.13
10.19	29	SLE Q	8	432.00	4.02	4.02	-254.77	393.14	-86.61	13.24

Verifiche stato limite di formazione delle fessure

Caso	Xg <m>	CC	TCC	El	Sez.	Crit.	X <cm>	My <daNm>	c <mm>	s <mm>	K3	s_{rm} <mm>	Φ	A_s <cmq>	$A_{c\ eff}$ <cmq>	σ_s <daN/cmq>	σ_{sr} <daN/cmq>	ε_{sm}	Wk <mm>
9	0.00	29	SLE Q	1	9	2	0.00	-1331.31	27.00	180.00	0.13	158.59	16.00	4.02	338.82	1461.84	1735.94	0.28	0.08
13	0.00	25	SLE F	1	9	2	0.00	-1330.34	27.00	180.00	0.13	158.59	16.00	4.02	338.82	1460.77	1735.94	0.28	0.08
26	1.40	30	SLE Q	1	9	2	140.05	1414.18	25.00	180.00	0.13	151.96	20.00	6.28	414.43	1011.98	1199.51	0.20	0.05
30	1.40	26	SLE F	1	9	2	140.05	1414.50	25.00	180.00	0.13	151.96	20.00	6.28	414.43	1012.21	1199.51	0.20	0.05
41	3.00	29	SLE Q	1	9	2	300.00	-2155.95	27.00	180.00	0.13	161.47	16.00	4.02	338.82	2368.46	1812.44	0.81	0.22
45	3.00	25	SLE F	1	9	2	300.00	-2156.44	27.00	180.00	0.13	161.47	16.00	4.02	338.82	2369.00	1812.44	0.81	0.22
58	5.87	30	SLE Q	8	10	2	0.00	-248.27	27.00	224.00	0.13	172.57	16.00	2.01	185.40	383.11	1594.26	0.07	0.02
62	5.87	26	SLE F	8	10	2	0.00	-247.94	27.00	224.00	0.13	172.57	16.00	2.01	185.40	382.59	1594.26	0.07	0.02
74	8.08	30	SLE Q	8	10	2	220.84	185.30	27.00	224.00	0.13	172.57	16.00	2.01	185.40	285.94	1594.26	0.06	0.02
78	8.08	26	SLE F	8	10	2	220.84	185.79	27.00	224.00	0.13	172.57	16.00	2.01	185.40	286.69	1594.26	0.06	0.02
89	10.19	29	SLE Q	8	10	2	432.00	-254.77	27.00	224.00	0.13	172.57	16.00	2.01	185.40	393.14	1594.26	0.08	0.02
93	10.19	25	SLE F	8	10	2	432.00	-254.23	27.00	224.00	0.13	172.57	16.00	2.01	185.40	392.30	1594.26	0.08	0.02

Staffe - Verifiche armatura

CC	X0 <m>	X1 <m>	Lung. <m>	Staff.	AfE St. <cmq/m>	bw <m>	Vsdu <daN>	ctgθ	VRsd <daN>	VRcd <daN>	Sic.T
18 SLU	0.00	0.26	0.26	ø10/ 4 2 br.	39.27	0.25	5526.69	1.00	35266.10	23612.20	4.27
18 SLU	0.26	2.75	2.49	ø10/20 2 br.	7.85	0.25	5310.90	2.39	16832.60	16832.60	3.17
18 SLU	2.75	3.00	0.26	ø10/ 4 2 br.	39.27	0.25	6317.68	1.00	35266.10	23612.20	3.74
17 SLU	2.75	3.00	0.26	ø10/ 4 2 br.	39.27	0.25	6329.02	1.00	35266.10	23886.20	3.77
18 SLU	5.87	6.05	0.19	ø10/ 4 2 br.	39.27	0.30	474.96	1.00	25585.20	20625.10	43.42
17 SLU	6.05	10.01	3.95	ø10/12 2 br.	13.09	0.30	439.07	1.96	16685.10	16685.10	38.00
17 SLU	10.01	10.19	0.19	ø10/ 4 2 br.	39.27	0.30	478.75	1.00	25585.20	20585.60	43.00

Travata n. 516 Nodi: 39 42

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf sup <cm>	Cf inf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Acc.	Fyk <daN/cmq>	Fyd <daN/cmq>
10	R	30.00	22.00	3.50	3.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	AfEP S <cmq>	AfEP I <cmq>	My <daNm>	Myu <daNm>	Sic.
0.00	20	SLU	1	0.00	4.02	4.02	4.02	3.75	-156.30	-2649.16	16.949
0.71	20	SLU	1	71.35	4.02	4.02	4.02	4.02	173.59	2647.26	15.250
1.37	19	SLU	1	137.00	4.02	4.02	4.02	3.77	-116.21	-2649.13	22.796

Stato limite ultimo - Ferri longitudinali - Verifiche armatura a taglio

Xg <m>	CC	TCC	El	X <cm>	AfE I <cmq>	Tz <daN>	AfEP I <cmq>	σ_f inf <daN/cmq>
0.00	20	SLU	1	0.00	4.02	879.71	0.27	3214.69
0.71	19	SLU	1	71.35	4.02	-8.70	0.00	2998.09
1.37	19	SLU	1	137.00	4.02	-817.44	0.26	3199.20

Stato limite d'esercizio - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	X <cm>	AfE S <cmq>	AfE I <cmq>	My <daNm>	σ_f sup <daN/cmq>	σ_f inf <daN/cmq>	σ_c <daN/cmq>
0.00	24	SLE R	1	0.00	4.02	4.02	-111.96	172.77	-38.06	5.82
0.00	32	SLE Q	1	0.00	4.02	4.02	-100.75	155.46	-34.25	5.23
0.71	24	SLE R	1	71.35	4.02	4.02	123.95	-42.14	191.27	6.44
0.71	32	SLE Q	1	71.35	4.02	4.02	111.13	-37.78	171.49	5.77
1.37	23	SLE R	1	137.00	4.02	4.02	-84.44	130.29	-28.70	4.39

1.37	31	SLE	Q	1	137.00	4.02	4.02	-73.42	113.30	-24.96	3.81								

Verifiche stato limite di formazione delle fessure

Caso	Xg	CC	TCC	El	Sez.	Crit.	X	My	c	s	K3	s_{rm}	Φ	A_s	$A_{c\ eff}$	σ_s	σ_{sr}	ε_{sm}	Wk
	<m>						<cm>	<daNm>	<mm>	<mm>		<mm>		<cmq>	<cmq>	<daN/cmq>	<daN/cmq>		<mm>
12	0.00	32	SLE	Q	1	10	2	0.00	-100.75	27.00	224.00	0.13	172.57	16.00	2.01	185.40	155.46	1594.26	0.03	0.01
16	0.00	28	SLE	F	1	10	2	0.00	-103.55	27.00	224.00	0.13	172.57	16.00	2.01	185.40	159.79	1594.26	0.03	0.01
28	0.71	32	SLE	Q	1	10	2	71.35	111.13	27.00	224.00	0.13	172.57	16.00	2.01	185.40	171.49	1594.26	0.03	0.01
32	0.71	28	SLE	F	1	10	2	71.35	114.33	27.00	224.00	0.13	172.57	16.00	2.01	185.40	176.43	1594.26	0.03	0.01
43	1.37	31	SLE	Q	1	10	2	137.00	-73.42	27.00	224.00	0.13	172.57	16.00	2.01	185.40	113.30	1594.26	0.02	0.01
47	1.37	27	SLE	F	1	10	2	137.00	-76.18	27.00	224.00	0.13	172.57	16.00	2.01	185.40	117.55	1594.26	0.02	0.01

Staffe - Verifiche armatura

CC		X0	X1	Lung.	Staff.	AfE St.	bw	Vsdu	ctgθ	VRsd	VRcd	Sic.T
		<m>	<m>	<m>		<cmq/m>	<m>	<daN>		<daN>	<daN>	
20	SLU	0.00	0.19	0.19	ø10/ 4 2 br.	39.27	0.30	879.71	1.00	25585.20	20578.30	23.39
20	SLU	0.19	1.19	1.00	ø10/12 2 br.	13.09	0.30	651.81	1.96	16681.30	16681.30	25.59
19	SLU	1.19	1.37	0.19	ø10/ 4 2 br.	39.27	0.30	817.44	1.00	25585.20	20576.10	25.17

Travata n. 517 Nodi: 40 43

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B	H	Cf sup	Cf inf	Cls	Fck	Fctk	Fcd	Fctd	Acc.	Fyk	Fyd
		<cm>	<cm>	<cm>	<cm>		<daN/cmq>	<daN/cmq>	<daN/cmq>	<daN/cmq>		<daN/cmq>	<daN/cmq>
10	R	30.00	22.00	3.50	3.50	C28/35	290.50	19.84	164.62	13.23	B450C	4500.00	3913.04

Stato limite ultimo - Ferri longitudinali - Verifiche armatura

Xg	CC	TCC	El	X	AfE S	AfE I	AfEP S	AfEP I	My	Myu	Sic.
<m>				<cm>	<cmq>	<cmq>	<cmq>	<cmq>	<daNm>	<daNm>	
0.00	20	SLU	1	0.00	4.02	4.02	4.02	3.65	-274.44	-2649.20	9.653
0.88	19	SLU	1	88.02	4.02	4.02	4.02	4.02	302.35	2645.93	8.751
1.37	18	SLU	1	137.00	4.02	4.02	4.02	3.80	120.16	2518.53	20.959

Stato limite ultimo - Ferri longitudinali - Verifiche armatura a taglio

Xg	CC	TCC	El	X	AfE I	Tz	AfEP I	σ_f inf
<m>				<cm>	<cmq>	<daN>	<cmq>	<daN/cmq>
0.00	20	SLU	1	0.00	4.02	1228.55	0.37	3301.44
0.88	19	SLU	1	88.02	4.02	-15.59	0.01	2999.80
1.37	19	SLU	1	137.00	4.02	-695.87	0.22	3168.97

Stato limite d'esercizio - Ferri longitudinali - Verifiche armatura

Xg	CC	TCC	El	X	AfE S	AfE I	My	σ_f sup	σ_f inf	σ_c
<m>				<cm>	<cmq>	<cmq>	<daNm>	<daN/cmq>	<daN/cmq>	<daN/cmq>
0.00	24	SLE	R	1	0.00	4.02	4.02	-197.66	305.01	-67.20	10.27
0.00	32	SLE	Q	1	0.00	4.02	4.02	-179.50	277.00	-61.02	9.33
0.88	23	SLE	R	1	88.02	4.02	4.02	214.21	-72.82	330.55	11.13
0.88	31	SLE	Q	1	88.02	4.02	4.02	193.62	-65.82	298.77	10.06
1.37	22	SLE	R	1	137.00	4.02	4.02	83.99	-28.55	129.61	4.36
1.37	30	SLE	Q	1	137.00	4.02	4.02	82.24	-27.96	126.90	4.27

Verifiche stato limite di formazione delle fessure

Caso	Xg	CC	TCC	El	Sez.	Crit.	X	My	c	s	K3	s_{rm}	Φ	A_s	$A_{c\ eff}$	σ_s	σ_{sr}	ε_{sm}	Wk
	<m>						<cm>	<daNm>	<mm>	<mm>		<mm>		<cmq>	<cmq>	<daN/cmq>	<daN/cmq>		<mm>
12	0.00	32	SLE	Q	1	10	2	0.00	-179.50	27.00	224.00	0.13	172.57	16.00	2.01	185.40	277.00	1594.26	0.05	0.02
16	0.00	28	SLE	F	1	10	2	0.00	-184.03	27.00	224.00	0.13	172.57	16.00	2.01	185.40	283.98	1594.26	0.06	0.02
27	0.88	31	SLE	Q	1	10	2	88.02	193.62	27.00	224.00	0.13	172.57	16.00	2.01	185.40	298.77	1594.26	0.06	0.02
31	0.88	27	SLE	F	1	10	2	88.02	198.75	27.00	224.00	0.13	172.57	16.00	2.01	185.40	306.70	1594.26	0.06	0.02
42	1.37	30	SLE	Q	1	10	2	137.00	82.24	27.00	224.00	0.13	172.57	16.00	2.01	185.40	126.90	1594.26	0.02	0.01
46	1.37	26	SLE	F	1	10	2	137.00	82.65	27.00	224.00	0.13	172.57	16.00	2.01	185.40	127.54	1594.26	0.02	0.01

Staffe - Verifiche armatura

CC		X0	X1	Lung.	Staff.	AfE St.	bw	Vsdu	ctgθ	VRsd	VRcd	Sic.T
		<m>	<m>	<m>		<cmq/m>	<m>	<daN>		<daN>	<daN>	
18	SLU	0.00	0.19	0.19	ø10/ 4 2 br.	39.27	0.30	1228.28	1.00	25585.20	20556.50	16.74
20	SLU	0.00	0.19	0.19	ø10/ 4 2 br.	39.27	0.30	1228.55	1.00	25585.20	20591.70	16.76
18	SLU	0.19	1.19	1.00	ø10/12 2 br.	13.09	0.30	971.34	1.95	16670.20	16670.20	17.16
19	SLU	1.19	1.37	0.19	ø10/ 4 2 br.	39.27	0.30	695.87	1.00	25585.20	20556.50	29.54

Verifiche e armature pilastri

Simbologia

Xg = Coordinata progressiva (dal primo nodo) in cui viene effettuato il progetto/verifica
CC = Combinazione delle condizioni di carico elementari
  e = eccentricità aggiuntiva in caso di compressione o pressoflessione
  α = amplificazione per gerarchia delle resistenze
  TG = taglio da gerarchia delle resistenze
TCC = Tipo di combinazione di carico
  SLU = Stato limite ultimo

SLU S = Stato limite ultimo (azione sismica)
SLE R = Stato limite d'esercizio, combinazione rara
SLE F = Stato limite d'esercizio, combinazione frequente
SLE Q = Stato limite d'esercizio, combinazione quasi permanente
SLD = Stato limite di danno
SLV = Stato limite di salvaguardia della vita
SLC = Stato limite di prevenzione del collasso
SLO = Stato limite di operatività
SLU I = Stato limite di resistenza al fuoco

El = Elemento (asta) in cui viene effettuato il progetto/verifica (progressivo sul numero di aste)
Sez. = Numero della sezione
X = Coordinata progressiva rispetto al nodo iniziale
N = Sforzo normale
Mz = Momento flettente intorno all'asse Z
My = Momento flettente intorno all'asse Y
α_y = Fattore di amplificazione momenti My per gerarchia delle resistenze
My ver. = Momento flettente di verifica intorno all'asse Y
c = Ricoprimento dell'armatura
s = Distanza minima tra le barre
K3 = Coefficiente di forma del diagramma delle tensioni prima della fessurazione
s_{rm} = Distanza media tra le fessure
Φ = Diametro della barra
A_s = Area complessiva dei ferri nell'area di calcestruzzo efficace
$A_{c\ eff}$ = Area di calcestruzzo efficace
σ_s = Tensione nell'acciaio nella sezione fessurata
σ_{sr} = Tensione nell'acciaio corrispondente al raggiungimento della resistenza a trazione nel calcestruzzo
ε_{sm} = Deformazione unitaria media dell'armatura (*1000)
Wk = Apertura delle fessure
α_z = Fattore di amplificazione momenti Mz per gerarchia delle resistenze
Mz ver. = Momento flettente di verifica intorno all'asse Z
Nu = Sforzo normale ultimo
Myu = Momento ultimo intorno all'asse Y
Mzu = Momento ultimo intorno all'asse Z
α = Angolo asse neutro a rottura
ε_Y = Deformazione nell'acciaio (*1000)
Sic. = Sicurezza a rottura
AfT = Area di ferro tesa
AfC = Area di ferro compressa
σ_c = Tensione nel calcestruzzo
σ_f = Tensione nel ferro
X0 = Coordinata progressiva (dal nodo iniziale) dell'inizio del tratto
X1 = Coordinata progressiva (dal nodo iniziale) della fine del tratto
Staff. = Staffatura adottata
Br_y = Numero bracci in direzione Y locale
Br_z = Numero bracci in direzione Z locale
$bw,_y$ = Larghezza membratura resistente al taglio in dir. Y
$Vsdu,_y$ = Taglio agente in dir. Y
$ctg\theta,_y$ = Cotangente dell'angolo di inclinazione dei puntoni di calcestruzzo in dir. Y
$VRsd,_y$ = Taglio ultimo lato armatura in dir. Y
$VRcd,_y$ = Taglio ultimo lato calcestruzzo in dir. Y
$bw,_z$ = Larghezza membratura resistente al taglio in dir. Z
$Vsdu,_z$ = Taglio agente in dir. Z
$ctg\theta,_z$ = Cotangente dell'angolo di inclinazione dei puntoni di calcestruzzo in dir. Z
$VRsd,_z$ = Taglio ultimo lato armatura in dir. Z
$VRcd,_z$ = Taglio ultimo lato calcestruzzo in dir. Z
Sic.T = Sicurezza a rottura per taglio
Nodo = Numero del nodo
Conf. = Nodo confinato
S = Sì
N = No
F. = Identificativo faccia del nodo
Y+ = Faccia sul lato positivo Y locale pilastro
Z+ = Faccia sul lato positivo Z locale pilastro
Y- = Faccia sul lato negativo Y locale pilastro
Z- = Faccia sul lato negativo Z locale pilastro
Mod. = Modalità di verifica faccia
I = Interna
E = Esterna
Br. = Numero bracci
As1 = Area di ferro superiore delle travi incidenti sulla faccia
As2 = Area di ferro inferiore delle travi incidenti sulla faccia
Bj = Larghezza effettiva utile del nodo
Hjc = Distanza tra armature pilastro
Hjw = Distanza tra armature trave
Ash = Area totale della sezione della staffa
Rgsn = Rapporto geometrico di staffatura nodo (7.4.29)
Tipo = Tipologia
2C = Doppia C lato labbri
2Cdx = Doppia C lato costola
2I = Doppia I

2L = Doppia L lato labbri
2Ldx = Doppia L lato costole
C = C
Cdx = C destra
Cir. = Circolare
Cir.c = Circolare cava
I = I
L = L
Ldx = L destra
Om. = Omega
Pg = Pi greco
Pr = Poligono regolare
Prc = Poligono regolare cavo
Pc = Per coordinate
Ia = Inerzie assegnate
R = Rettangolare
Rc = Rettangolare cava
T = T
U = U
Ur = U rovescia
V = V
Vr = V rovescia
Z = Z
Zdx = Z destra
Ts = T stondata
Ls = L stondata
Cs = C stondata
Is = I stondata
Dis. = Disegnata

B = Base
H = Altezza
Cf = Copriferro
Cls = Tipo di calcestruzzo
Fck = Resistenza caratteristica cilindrica a compressione del calcestruzzo
Fctk = Resistenza caratteristica a trazione del calcestruzzo
Fcd = Resistenza di calcolo a compressione del calcestruzzo
Fctd = Resistenza di calcolo a trazione del calcestruzzo
Acc. = Tipo di acciaio
Fyk = Tensione caratteristica di snervamento dell'acciaio
Fyd = Resistenza di calcolo dell'acciaio
Myu,s = Momento resistente (ridotto per stabilità) intorno all'asse Y
Mzu,s = Momento resistente (ridotto per stabilità) intorno all'asse Z
l_0 = Lunghezza libera di inflessione
λ = Snellezza massima
λ^* = Snellezza limite

Pilastrata n. 1

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Acc.	Fyk <daN/cmq>	Fyd <daN/cmq>
2	R	80.00	30.00	3.90	C32/40	332.00	21.69	188.13	14.46	B450C	4500.00	3913.04
2	R	80.00	30.00	2.00	C32/40	332.00	21.69	188.13	14.46	B450C	4500.00	3913.04
2	R	80.00	30.00	3.80	C32/40	332.00	21.69	188.13	14.46	B450C	4500.00	3913.04

Stato limite ultimo - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	α_y	My ver. <daNm>	Mz <daNm>	α_z	Mz ver. <daNm>	Nu <daN>	Myu <daNm>	Mzu <daNm>	α <grad>	ε_Y	Sic.
-3.25	5(e)	SLV	1	2	0.00	-22839.80	91.53		456.80	-39.05		-913.59	-22839.80	13419.20	-27584.90	343.13	5.94	12.850
-3.25	5(e)	SLV	1	2	0.00	-22839.80	91.53		456.80	-39.05		-913.59	-22839.80	13419.20	-27584.90	343.13	5.94	12.850
-2.81	5(e)	SLV	1	2	44.14	-22575.00	6.63		451.50	839.01		903.00	-22574.90	13404.60	27566.10	16.88	5.95	13.001
-2.81	5(e)	SLV	2	2	0.00	-25803.10	8.68		516.06	959.00		1032.12	-25803.10	13583.90	27804.70	16.88	5.83	11.374
-2.37	5(e)	SLV	2	2	44.14	-25538.30	69.80		510.76	1808.69		1808.69	-25538.20	10357.20	35110.90	28.13	6.04	11.492
-2.37	5(e)	SLV	3	2	0.00	-29321.80	56.10		586.43	1944.35		1944.35	-29321.80	10496.40	35778.90	28.13	5.88	10.009
-1.93	5	SLV	3	2	44.14	7018.15	116.87			-3876.25			7051.11	1415.38	-36309.90	281.25	16.67	9.370
-1.93	5	SLV	4	2	0.00	9092.09	90.56			-4079.00			9092.10	774.96	-35813.30	275.63	20.00	8.780
-1.48	5	SLV	4	2	44.14	9356.95	173.45			-5879.44			9432.64	1478.11	-35530.90	281.25	17.31	6.046
-1.48	5	SLV	5	2	0.00	10777.30	129.60			-6210.62			10779.60	827.66	-35250.90	275.63	20.00	5.676
-1.04	5	SLV	5	2	44.14	11042.20	259.82			-9702.83			11042.20	1518.59	-35004.60	281.25	17.73	3.610
-1.04	5	SLV	6	2	0.00	11163.80	187.58			-10416.80			11166.80	839.45	-35121.90	275.63	20.00	3.372
-0.60	13	SLV	6	2	44.14	15669.00	433.28			16917.20			15688.00	940.39	33583.30	84.38	20.00	1.985
-0.60	13	SLV	7	2	0.00	13032.50	419.81			19086.10			13032.50	901.35	34493.30	84.38	20.00	1.807
-0.45	13	SLV	7	2	15.14	13123.30	681.80			22721.70			13177.20	1570.67	34306.30	78.75	18.27	1.511
-0.16	13	SLV	8	2	-0.00	2833.49	4378.02			35601.80			2920.11	4647.94	35267.40	56.25	10.30	0.992
3.74	11(α)	SLV	8	2	390.00	-11629.10	-752.61	1.00	-752.61	-4776.88	7.83	-37399.00	-11629.10	-1041.35	-42099.00	258.75	12.83	1.126
4.34	5(α)	SLV	9	2	0.00	-1590.16	2348.89	1.00	2348.89	-11583.60	1.10	-12742.00	-1590.15	6185.30	-31302.70	315.00	8.80	2.463
7.50	9	SLV	9	2	316.00	-389.92	-3434.60			1428.05			-389.93	-11994.80	4770.22	178.77	16.27	3.470
-3.25	6(e)	SLD	1	2	0.00	-24318.00	103.05		486.36	-29.88		-972.72	-24318.00	16294.40	-32000.60	345.94	7.18	18.103
-3.25	6(e)	SLD	1	2	0.00	-24318.00	103.05		486.36	-29.88		-972.72	-24318.00	16294.40	-32000.60	345.94	7.18	18.103
-2.81	6(e)	SLD	1	2	44.14	-24053.10	7.50		481.06	948.25		962.13	-24053.10	16269.50	31990.90	14.06	7.20	18.302
-2.81	6(e)	SLD	2	2	0.00	-27601.60	9.50		552.03	1082.16		1104.06	-27601.60	16604.00	32116.10	14.06	7.05	15.950
-2.37	6	SLD	2	2	44.14	6051.37	76.30			-2763.97			6084.91	1136.73	-42930.10	275.63	20.00	15.532
-2.37	6(e)	SLD	3	2	0.00	-31485.80	60.90		629.72	2182.09		2182.09	-31490.10	12881.60	42670.60	28.13	6.89	13.982
-1.93	6	SLD	3	2	44.14	8872.66	128.16			-4284.13			8872.67	1135.05	-41976.60	275.63	20.00	9.797
-1.93	6	SLD	4	2	0.00	11253.70	98.40			-4509.76			11253.80	1133.67	-41161.90	275.63	20.00	9.129
-1.48	6	SLD	4	2	44.14	11518.60	190.12			-6505.69			11518.60	1133.51	-41071.30	275.63	20.00	6.313
-1.48	6	SLD	5	2	0.00	13198.80	140.52			-6873.74			13202.20	1132.57	-40495.10	275.63	20.00	5.892
-1.04	6	SLD	5	2	44.14	13463.70	282.96			-10747.70			13466.30	1132.42	-40404.70	275.63	20.00	3.760

-1.04	6	SLD	6	2	0.00	13747.00	201.51	-11540.80	13747.90	1132.27	-40308.30	275.63	20.00	3.494
-0.60	14	SLD	6	2	44.14	18675.10	462.82	18830.20	18675.20	1129.37	38607.10	84.38	20.00	2.051
-0.60	14	SLD	7	2	0.00	16017.30	444.07	21241.60	16017.80	1131.03	39531.30	84.38	20.00	1.861
-0.45	14	SLD	7	2	15.14	16108.20	729.79	25279.00	16115.60	1130.98	39497.80	84.38	20.00	1.562
-0.16	14	SLD	8	2	-0.00	5381.00	4809.21	39558.00	5402.82	5043.41	41775.40	61.88	12.88	1.056
3.74	6	SLD	8	2	390.00	3121.98	-1267.03	31809.70	3121.98	-2268.93	43805.70	101.25	18.65	1.378
4.34	6	SLD	9	2	0.00	-1335.32	2415.74	-12456.40	-1335.34	6982.42	-37663.50	309.38	10.78	3.019
7.50	10	SLD	9	2	316.00	-226.76	-3598.14	-1997.62	-226.76	-14005.70	-7708.65	181.76	16.66	3.885

Stato limite d'esercizio - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	Mz <daNm>	My <daNm>	AfT <cmq>	AfC <cmq>	σ_c <daN/cmq>	σ_f <daN/cmq>
-3.25	24	SLE R	1	2	0.00	-11013.40	-131.19	-14.21	0.00	27.77	4.33	64.09
-3.25	23	SLE R	1	2	0.00	-9026.28	-124.21	-3.96	0.00	27.77	3.54	52.54
-3.25	32	SLE Q	1	2	0.00	-10418.10	-127.94	-13.45	0.00	27.77	4.11	60.76
-3.25	24	SLE R	1	2	0.00	-11013.40	-131.19	-14.21	0.00	27.77	4.33	64.09
-3.25	23	SLE R	1	2	0.00	-9026.28	-124.21	-3.96	0.00	27.77	3.54	52.54
-3.25	32	SLE Q	1	2	0.00	-10418.10	-127.94	-13.45	0.00	27.77	4.11	60.76
-2.81	24	SLE R	1	2	44.14	-10748.60	-226.11	-1.43	0.00	27.77	4.39	64.96
-2.81	23	SLE R	1	2	44.14	-8761.42	-50.37	-0.81	0.00	27.77	3.24	48.42
-2.81	32	SLE Q	1	2	44.14	-10153.20	-215.30	-1.22	0.00	27.77	4.15	61.41
-2.81	24	SLE R	2	2	0.00	-11349.40	-240.94	3.26	0.00	27.77	4.65	68.79
-2.81	23	SLE R	2	2	0.00	-8935.44	-42.84	2.54	0.00	27.77	3.30	49.21
-2.81	32	SLE Q	2	2	0.00	-10715.00	-229.18	2.89	0.00	27.77	4.40	64.99
-2.37	24	SLE R	2	2	44.14	-11084.60	-361.38	16.28	0.00	27.77	4.94	72.37
-2.37	21	SLE R	2	2	44.14	-9656.37	-179.26	13.00	0.00	27.77	3.96	58.40
-2.37	32	SLE Q	2	2	44.14	-10450.10	-341.58	15.54	0.00	27.77	4.66	68.27
-2.37	24	SLE R	3	2	0.00	-11869.40	-371.26	17.18	0.00	27.77	5.25	76.95
-2.37	23	SLE R	3	2	0.00	-8968.19	9.08	10.69	0.00	27.77	3.28	48.83
-2.37	32	SLE Q	3	2	0.00	-11183.40	-351.01	16.01	0.00	27.77	4.95	72.53
-1.93	24	SLE R	3	2	44.14	-11604.50	-501.33	23.66	0.00	27.77	5.53	80.38
-1.93	32	SLE Q	3	2	44.14	-10918.50	-473.43	22.58	0.00	27.77	5.20	75.71
-1.93	24	SLE R	4	2	0.00	-12558.80	-513.56	26.61	0.00	27.77	5.91	86.09
-1.93	23	SLE R	4	2	0.00	-9179.00	75.58	16.48	0.00	27.77	3.55	52.61
-1.93	32	SLE Q	4	2	0.00	-11807.00	-485.23	24.96	0.00	27.77	5.57	81.01
-1.48	24	SLE R	4	2	44.14	-12294.00	-689.88	36.43	0.00	27.77	6.32	91.32
-1.48	32	SLE Q	4	2	44.14	-11542.20	-653.20	34.57	0.00	27.77	5.95	85.95
-1.48	24	SLE R	5	2	0.00	-13485.00	-714.18	40.46	0.00	27.77	6.83	98.77
-1.48	23	SLE R	5	2	0.00	-9709.10	192.25	26.68	0.00	27.77	4.10	60.09
-1.48	32	SLE Q	5	2	0.00	-12643.80	-676.62	37.99	0.00	27.77	6.42	92.85
-1.04	24	SLE R	5	2	44.14	-13220.10	-1031.78	69.89	0.00	27.77	7.72	110.17
-1.04	32	SLE Q	5	2	44.14	-12378.90	-983.36	65.43	0.00	27.77	7.27	103.74
-1.04	24	SLE R	6	2	0.00	-14837.30	-1087.86	76.06	0.00	27.77	8.48	121.11
-1.04	32	SLE Q	6	2	0.00	-13861.70	-1037.56	70.91	0.00	27.77	7.97	113.85
-0.60	24	SLE R	6	2	44.14	-14572.50	-1726.41	193.65	0.00	27.77	10.74	149.64
-0.60	32	SLE Q	6	2	44.14	-13596.80	-1661.64	178.69	0.00	27.77	10.14	141.22
-0.60	24	SLE R	7	2	0.00	-17294.40	-1915.41	235.44	0.00	27.77	12.45	173.48
-0.60	32	SLE Q	7	2	0.00	-16096.10	-1846.08	216.79	0.00	27.77	11.73	163.43
-0.45	24	SLE R	7	2	15.14	-17203.50	-2181.25	343.97	3.80	23.97	13.84	190.28
-0.45	32	SLE Q	7	2	15.14	-16005.30	-2111.25	315.07	3.80	23.97	13.06	179.63
-0.16	24	SLE R	8	2	-0.00	-23463.90	-2859.36	539.76	3.80	23.97	19.05	260.79
-0.16	23	SLE R	8	2	-0.00	-20243.80	2566.12	734.09	3.80	23.97	18.71	250.73
-0.16	31	SLE Q	8	2	-0.00	-18521.40	2620.41	668.46	3.80	23.97	17.94	240.25
3.74	24	SLE R	8	2	390.00	-21123.90	5399.25	-279.14	10.74	17.03	25.17	342.76
3.74	32	SLE Q	8	2	390.00	-19401.50	4988.36	-290.26	10.74	17.03	23.54	319.69
4.34	24	SLE R	9	2	0.00	-4037.14	-4790.05	1820.33	18.85	6.28	45.49	997.75
4.34	32	SLE Q	9	2	0.00	-3997.21	-4245.31	1762.96	18.85	6.28	42.03	906.81
7.50	24	SLE R	9	2	316.00	-2141.14	691.46	-1873.79	12.57	12.57	23.90	622.48
7.50	22	SLE R	9	2	316.00	-2018.31	388.13	-2041.55	12.57	12.57	23.83	658.54
7.50	32	SLE Q	9	2	316.00	-2101.21	674.53	-1829.59	12.57	12.57	23.33	607.33

Verifiche stato limite di formazione delle fessure

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	Mz <daNm>	c <mm>	s <mm>	K3	s_{rm} <mm>	Φ	A_s <cmq>	$A_{c\ eff}$ <cmq>	σ_s <daN/cmq>	σ_{sr} <daN/cmq>	ε_{sm}	Wk <mm>
-0.45	32	SLE Q	7	2	15.14	-16005.30	315.07	-2111.25	29.00	308.00	0.13	212.10	22.00	3.80	319.64	9.65	219.55	0.00	0.00
-0.16	31	SLE Q	8	2	-0.00	-18521.40	668.46	2620.41	29.00	308.00	0.13	212.04	22.00	3.80	319.47	47.36	408.77	0.01	0.00
3.74	32	SLE Q	8	2	390.00	-19401.50	-290.26	4988.36	29.00	220.00	0.13	194.79	22.00	10.74	906.31	155.70	777.32	0.03	0.01
4.34	32	SLE Q	9	2	0.00	-3997.21	1762.96	-4245.31	29.00	222.00	0.13	197.62	20.00	15.71	1495.73	906.81	1592.66	0.18	0.06
7.50	30	SLE Q	9	2	316.00	-1978.38	-1997.36	371.20	29.00	240.67	0.13	207.53	20.00	12.57	1274.13	643.41	1775.74	0.12	0.04

Staffe - Verifiche armatura

X0 <m>	X1 <m>	Staff.	Br_y	Br_z	CC	TCC	$bw_{,y}$ <m>	$Vsdu_{,y}$ <daN>	$ctg\theta_{,y}$	$VRsd_{,y}$ <daN>	$VRcd_{,y}$ <daN>	$bw_{,z}$ <m>	$Vsdu_{,z}$ <daN>	$ctg\theta_{,z}$	$VRsd_{,z}$ <daN>	$VRcd_{,z}$ <daN>	Sic.T
-3.25	-2.45	ø8/ 4	2	4	17	SLU	0.30	89.78	1.40	94213.00	94213.00	0.80	51.90	1.72	79246.40	79246.40	>100
-3.25	-2.45	ø8/ 4	2	4	20	SLU	0.30	290.18	1.40	94418.40	94418.40	0.80	38.88	1.72	79399.50	79399.50	>100
-3.25	-2.45	ø8/ 4	2	4	4(TG)	SLD	0.30	26824.80	1.68	130450.00	130450.00	0.80	11332.40	2.03	107781.00	107781.00	4.86
-3.25	-2.45	ø8/ 4	2	4	6(TG)	SLD	0.30	35365.20	1.73	133873.00	133873.00	0.80	7103.68	2.08	110383.00	110383.00	3.79
-3.25	-2.45	ø8/ 4	2	4	3(TG)	SLV	0.30	22288.10	1.41	94652.70	94652.70	0.80	9526.52	1.72	79574.40	79574.40	4.25
-3.25	-2.45	ø8/ 4	2	4	5(TG)	SLV	0.30	30172.60	1.46	98333.30	98333.30	0.80	5795.72	1.78	82326.70	82326.70	3.26
-2.45	-1.25	ø8/20	2	4	20	SLU	0.30	763.42	2.50	33678.40	69280.60	0.80	83.21	2.50	23101.40	63363.10	44.12
-2.45	-1.25	ø8/20	2	4	4(TG)	SLD	0.30	26824.80	2.50	38730.20	102465.00	0.80	11332.40	2.50	26566.60	93713.20	1.44
-2.45	-1.25	ø8/20	2	4	6(TG)	SLD	0.30	35365.20	2.50	38730.20	106493.00	0.80	7103.68	2.50	26566.60	97396.90	1.10
-2.45	-1.25	ø8/20	2	4	3(TG)	SLV	0.30	22288.10	2.50	33678.40	69092.00	0.80	9526.52	2.50	23101.40	63190.60	1.51
-2.45	-1.25	ø8/20	2	4	5(TG)	SLV	0.30	30172.60	2.50	33678.40	72728.40	0.80	5795.72	2.50	23101.40	66516.40	1.12
-1.25	-0.45	ø8/ 4	2	4	18	SLU	0.30	199.30	1.42	95465.60	95465.60	0.80	1330.36	1.74	80181.30	80181.30	60.27
-1.25	-0.45	ø8/ 4	2	4	19	SLU	0.30	1877.93	1.41	95060.80	95060.80	0.80	975.65	1.73	79879.00	79879.00	50.62
-1.25	-0.45	ø8/ 4	2	4	4(TG)	SLD	0.30	26824.80	1.68	130450.00	130450.00	0.80	11332.40	2.03	107781.00	107781.00	4.86

-1.25	-0.45	ø8/ 4	2	4	6(TG)	SLD	0.30	35365.20	1.73	133873.00	133873.00	0.80	7103.68	2.08	110383.00	110383.00	3.79
-1.25	-0.45	ø8/ 4	2	4	3(TG)	SLV	0.30	22288.10	1.41	94652.70	94652.70	0.80	9526.52	1.72	79574.40	79574.40	4.25
-1.25	-0.45	ø8/ 4	2	4	5(TG)	SLV	0.30	30172.60	1.46	98333.30	98333.30	0.80	5795.72	1.78	82326.70	82326.70	3.26
-0.16	0.64	ø8/ 4	2	4	18	SLU	0.30	1327.88	1.44	96762.10	96762.10	0.80	493.04	1.76	81150.40	81150.40	72.87
-0.16	0.64	ø8/ 4	2	4	20	SLU	0.30	2519.62	1.44	96979.40	96979.40	0.80	294.53	1.76	81313.00	81313.00	38.49
-0.16	0.64	ø8/ 4	2	4	4(TG)	SLD	0.30	22188.90	1.70	131431.00	131431.00	0.80	7770.98	2.04	108526.00	108526.00	5.92
-0.16	0.64	ø8/ 4	2	4	8(TG)	SLD	0.30	32583.00	1.72	133600.00	133600.00	0.80	1000.65	2.07	110175.00	110175.00	4.10
-0.16	0.64	ø8/ 4	2	4	3(TG)	SLV	0.30	16964.20	1.42	95772.40	95772.40	0.80	7128.09	1.74	80410.50	80410.50	5.65
-0.16	0.64	ø8/ 4	2	4	7(TG)	SLV	0.30	27862.40	1.46	98092.10	98092.10	0.80	375.50	1.78	82146.00	82146.00	3.52
0.64	2.94	ø8/22	2	4	18	SLU	0.30	1327.88	2.50	30616.80	71067.00	0.80	493.04	2.50	21001.20	64996.90	23.06
0.64	2.94	ø8/22	2	4	20	SLU	0.30	2519.62	2.50	30616.80	71282.60	0.80	294.53	2.50	21001.20	65194.00	12.15
0.64	2.94	ø8/22	2	4	4(TG)	SLD	0.30	22188.90	2.50	35209.30	103609.00	0.80	7770.98	2.50	24151.40	94759.60	1.59
0.64	2.94	ø8/22	2	4	8(TG)	SLD	0.30	32583.00	2.50	35209.30	106168.00	0.80	1000.65	2.50	24151.40	97099.60	1.08
0.64	2.94	ø8/22	2	4	3(TG)	SLV	0.30	16964.20	2.50	30616.80	70183.60	0.80	7128.09	2.50	21001.20	64189.00	1.80
0.64	2.94	ø8/22	2	4	7(TG)	SLV	0.30	27862.40	2.50	30616.80	72485.80	0.80	375.50	2.50	21001.20	66294.50	1.10
2.94	3.74	ø8/ 4	2	4	18	SLU	0.30	1327.88	1.43	96401.20	96401.20	0.80	493.04	1.75	80880.50	80880.50	72.60
2.94	3.74	ø8/ 4	2	4	20	SLU	0.30	2519.62	1.43	96619.30	96619.30	0.80	294.53	1.75	81043.60	81043.60	38.35
2.94	3.74	ø8/ 4	2	4	4(TG)	SLD	0.30	22188.90	1.70	131431.00	131431.00	0.80	7770.98	2.04	108526.00	108526.00	5.92
2.94	3.74	ø8/ 4	2	4	8(TG)	SLD	0.30	32583.00	1.72	133600.00	133600.00	0.80	1000.65	2.07	110175.00	110175.00	4.10
2.94	3.74	ø8/ 4	2	4	3(TG)	SLV	0.30	16964.20	1.42	95772.40	95772.40	0.80	7128.09	1.74	80410.50	80410.50	5.65
2.94	3.74	ø8/ 4	2	4	7(TG)	SLV	0.30	27862.40	1.46	98092.10	98092.10	0.80	375.50	1.78	82146.00	82146.00	3.52
4.34	5.14	ø8/ 4	2	4	18	SLU	0.30	2207.84	1.38	92891.90	92891.90	0.80	1601.78	1.69	78261.90	78261.90	42.07
4.34	5.14	ø8/ 4	2	4	20	SLU	0.30	2379.65	1.38	92911.00	92911.00	0.80	1544.67	1.69	78276.10	78276.00	39.04
4.34	5.14	ø8/ 4	2	4	10(TG)	SLD	0.30	4131.31	1.66	128677.00	128677.00	0.80	10089.40	2.00	106436.00	106436.00	10.55
4.34	5.14	ø8/ 4	2	4	6(TG)	SLD	0.30	26449.00	1.66	128940.00	128940.00	0.80	5603.04	2.01	106635.00	106635.00	4.88
4.34	5.14	ø8/ 4	2	4	9(TG)	SLV	0.30	2689.48	1.37	92542.90	92542.90	0.80	8626.83	1.69	78002.00	78002.00	9.04
4.34	5.14	ø8/ 4	2	4	9(TG)	SLV	0.30	21574.40	1.37	92542.90	92542.90	0.80	4910.86	1.69	78002.00	78002.00	4.29
5.14	6.70	ø8/24	2	4	18	SLU	0.30	2207.83	2.50	28065.40	67309.40	0.80	1601.78	2.50	19251.10	61560.20	12.02
5.14	6.70	ø8/24	2	4	20	SLU	0.30	2379.65	2.50	28065.40	67327.50	0.80	1544.67	2.50	19251.10	61576.80	11.79
5.14	6.70	ø8/24	2	4	10(TG)	SLD	0.30	4131.31	2.50	32275.20	100420.00	0.80	10089.40	2.50	22138.80	91842.60	2.19
5.14	6.70	ø8/24	2	4	6(TG)	SLD	0.30	26449.00	2.50	32275.20	100722.00	0.80	5603.04	2.50	22138.80	92119.10	1.22
5.14	6.70	ø8/24	2	4	9(TG)	SLV	0.30	2689.48	2.50	28065.40	67070.20	0.80	8626.83	2.50	19251.10	61341.40	2.23
5.14	6.70	ø8/24	2	4	9(TG)	SLV	0.30	21574.40	2.50	28065.40	67070.20	0.80	4910.86	2.50	19251.10	61341.40	1.30
5.14	6.70	ø8/24	2	4	5(TG)	SLV	0.30	21628.90	2.50	28065.40	67351.70	0.80	5106.95	2.50	19251.10	61598.90	1.30
6.70	7.50	ø8/ 4	2	4	18	SLU	0.30	2207.83	1.37	92605.80	92605.80	0.80	1601.78	1.69	78048.90	78048.80	41.94
6.70	7.50	ø8/ 4	2	4	20	SLU	0.30	2379.65	1.38	92624.90	92624.90	0.80	1544.67	1.69	78063.10	78063.10	38.92
6.70	7.50	ø8/ 4	2	4	10(TG)	SLD	0.30	4131.31	1.66	128677.00	128677.00	0.80	10089.40	2.00	106436.00	106436.00	10.55
6.70	7.50	ø8/ 4	2	4	6(TG)	SLD	0.30	26449.00	1.66	128940.00	128940.00	0.80	5603.04	2.01	106635.00	106635.00	4.88
6.70	7.50	ø8/ 4	2	4	9(TG)	SLV	0.30	2689.48	1.37	92542.90	92542.90	0.80	8626.83	1.69	78002.00	78002.00	9.04
6.70	7.50	ø8/ 4	2	4	9(TG)	SLV	0.30	21574.40	1.37	92542.90	92542.90	0.80	4910.86	1.69	78002.00	78002.00	4.29

Pilastrata n. 2

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Acc.	Fyk <daN/cmq>	Fyd <daN/cmq>
1	R	30.00	30.00	3.60	C32/40	332.00	21.69	188.13	14.46	B450C	4500.00	3913.04
1	R	30.00	30.00	2.00	C32/40	332.00	21.69	188.13	14.46	B450C	4500.00	3913.04

Stato limite ultimo - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	α_y	My ver. <daNm>	Mz <daNm>	α_z	Mz ver. <daNm>	Nu <daN>	Myu <daNm>	Mzu <daNm>	α <grad>	ε_Y	Sic.
-3.25	17(e)	SLU	1	1	0.00	-10020.00	-63.86		-200.40	-79.99		-200.40	-10020.00	-7608.39	-7608.38	225.00	4.12	10.984
-3.25	17(e)	SLU	1	1	0.00	-10020.00	-63.86		-200.40	-79.99		-200.40	-10020.00	-7608.39	-7608.38	225.00	4.12	10.984
-2.81	17(e)	SLU	1	1	44.14	-9890.84	-13.46		-197.82	15.83		197.82	-9890.83	-7604.14	7604.14	135.00	4.12	11.127
-2.81	17(e)	SLU	2	1	0.00	-9430.98	-9.10		-188.62	12.21		188.62	-9430.96	-7588.92	7588.92	135.00	4.14	11.670
-2.37	17(e)	SLU	2	1	44.14	-9301.86	-18.35		-186.04	14.10		186.04	-9301.86	-7584.62	7584.62	135.00	4.15	11.832
-2.37	17(e)	SLU	3	1	0.00	-9407.80	-8.28		-188.16	14.84		188.16	-9407.80	-7588.15	7588.15	135.00	4.14	11.699
-1.93	17(e)	SLU	3	1	44.14	-9278.68	-22.09		-185.57	7.95		185.57	-9278.68	-7583.85	7583.84	135.00	4.15	11.861
-1.93	17(e)	SLU	4	1	0.00	-9923.98	-11.12		-198.48	9.62		198.48	-9923.96	-7605.23	7605.23	135.00	4.12	11.090
-1.48	17(e)	SLU	4	1	44.14	-9794.86	-30.57		-195.90	-1.91		-195.90	-9794.85	-7600.98	-7600.98	225.00	4.13	11.236
-1.48	20(e)	SLU	5	1	0.00	-11236.60	-22.33		-224.73	-2.80		-224.73	-11236.60	-7648.33	-7648.33	225.00	4.06	9.795
-1.04	20(e)	SLU	5	1	44.14	-11107.50	-56.63		-222.15	-25.25		-222.15	-11107.50	-7644.10	-7644.10	225.00	4.07	9.908
-1.04	20(e)	SLU	6	1	0.00	-13976.00	-56.20		-279.52	-37.99		-279.52	-13976.00	-7737.73	-7737.73	225.00	3.94	7.875
-0.60	20(e)	SLU	6	1	44.14	-13846.90	-158.84		-276.94	-102.76		-276.94	-13846.90	-7733.54	-7733.53	225.00	3.95	7.948
-0.60	20(e)	SLU	7	1	0.00	-19188.50	-236.51		-383.77	-173.69		-383.77	-19188.40	-7905.67	-7905.67	225.00	3.71	5.736
-0.45	20(e)	SLU	7	1	15.14	-19144.20	-386.49		-386.49	-255.23		-382.88	-19144.10	-7904.26	-7904.25	225.00	3.71	5.749
3.74	5(α)	SLV	8	1	390.00	-16617.50	2537.45	1.00	2537.45	-1337.16	5.90	-7887.59	-16617.50	3720.03	-11208.50	289.69	4.39	1.425
4.34	3(α)	SLV	9	1	0.00	-8183.69	-3852.79	1.00	-3852.79	-1371.01	7.19	-9854.17	-8183.69	-4116.96	-10392.30	247.50	4.75	1.056
7.19	9	SLV	9	1	285.00	-7353.31	2026.05			1455.62			-7353.31	8749.99	6268.73	36.56	4.28	4.315
-3.25	2(e)	SLD	1	1	0.00	-10246.30	92.94		204.93	-32.98		-204.93	-10246.30	9186.31	-9186.30	315.00	4.69	16.112
-3.25	2(e)	SLD	1	1	0.00	-10246.30	92.94		204.93	-32.98		-204.93	-10246.30	9186.31	-9186.30	315.00	4.69	16.112
-2.81	2(e)	SLD	1	1	44.14	-10147.00	14.15		202.94	19.43		202.94	-10147.00	9182.55	9182.55	45.00	4.69	16.270
-2.81	2(e)	SLD	2	1	0.00	-9182.86	18.87		183.66	15.11		183.66	-9182.85	9146.05	9146.04	45.00	4.74	17.978
-2.37	2(e)	SLD	2	1	44.14	-9083.54	5.59		181.67	15.70		181.67	-9083.54	9142.28	9142.28	45.00	4.74	18.174
-2.37	2(e)	SLD	3	1	0.00	-8677.90	2.33		173.56	18.65		173.56	-8677.88	9126.88	9126.88	45.00	4.76	19.024
-1.93	2(e)	SLD	3	1	44.14	-8578.58	5.98		171.57	7.95		171.57	-8578.57	9123.11	9123.10	45.00	4.76	19.244
-1.93	6(e)	SLD	4	1	0.00	-8847.63	-3.65		-176.95	12.00		176.95	-8847.63	-9133.33	9133.32	135.00	4.75	18.659
-1.48	6(e)	SLD	4	1	44.14	-8748.31	-3.72		-174.97	1.61		174.97	-8748.32	-9129.56	9129.55	135.00	4.76	18.871
-1.48	14(e)	SLD	5	1	0.00	-9783.48	-8.50		-195.67	4.98		195.67	-9783.47	-9168.80	9168.80	135.00	4.71	16.874
-1.04	14(e)	SLD	5	1	44.14	-9684.16	-15.72		-193.68	-4.63		-193.68	-9684.14	-9165.04	-9165.04	225.00	4.71	17.047
-1.04	14(e)	SLD	6	1	0.00	-12298.90	-23.37		-245.98	-9.13		-245.98	-12298.90	-9263.58	-9263.57	225.00	4.60	13.423
-0.60	14(e)	SLD	6	1	44.14	-12199.60	-39.63		-243.99	2.96		243.99	-12199.60	-9259.85	9259.85	135.00	4.60	13.532
-0.60	14(e)	SLD	7	1	0.00	-17592.30	-59.97		-351.85	19.84		351.85	-17592.20	-9460.63	9460.62	135.00	4.39	9.384
-0.45	14(e)	SLD	7	1	15.14	-17558.20	-72.25		-351.16	86.99		351.16	-17558.20	-9459.37	9459.36	135.00	4.39	9.402
-0.16	6	SLD	8	1	-0.00	-16901.80	-2431.64			-2198.10			-16901.80	-9894.91	-8973.38	222.19	4.43	4.075
3.74	14	SLD	8	1	390.00	-16533.00	2453.65			2294.50			-16533.00	9880.90	8960.13	42.19	4.44	3.971
4.34	14	SLD	9	1	0.00	-6946.00	-2961.04			-3237.84			-6945.98	-8607.63	-9513.91	227.81	4.84	2.924
7.19	2	SLD	9	1	285.00	-7085.83	2416.39			1306.22			-7085.82	11567.60	6244.16	28.13	5.13	4.786

Dati per verifiche di stabilità

Xg <m>	El	l_0 <m>	λ	λ*
-0.16	8	4.50	51.96	28.66
3.74	8	4.50	51.96	28.66

Stato limite ultimo - Ferri longitudinali - Verifiche armatura - Controlli di stabilità

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	Myu,s <daNm>	Mzu,s <daNm>	α <grad>	ε_Y	Sic.
-0.16	20(e)	SLU	8	1	-0.00	-35261.70	-1102.04	-1102.04	-553.94	-705.23	-35261.70	-8858.66	-5480.43	213.75	3.23	3.121

Stato limite d'esercizio - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	Mz <daNm>	My <daNm>	AfT <cmq>	AfC <cmq>	σ_c <daN/cmq>	σ_f <daN/cmq>
-3.25	21	SLE R	1	1	0.00	-7185.37	-56.29	-48.21	0.00	25.13	7.16	101.40
-3.25	22	SLE R	1	1	0.00	-6493.20	-57.68	-20.07	0.00	25.13	6.22	88.92
-3.25	29	SLE Q	1	1	0.00	-6735.27	-50.46	-48.37	0.00	25.13	6.72	95.19
-3.25	21	SLE R	1	1	0.00	-7185.37	-56.29	-48.21	0.00	25.13	7.16	101.40
-3.25	22	SLE R	1	1	0.00	-6493.20	-57.68	-20.07	0.00	25.13	6.22	88.92
-3.25	29	SLE Q	1	1	0.00	-6735.27	-50.46	-48.37	0.00	25.13	6.72	95.19
-2.81	21	SLE R	1	1	44.14	-7086.04	11.02	-10.24	0.00	25.13	5.86	86.69
-2.81	22	SLE R	1	1	44.14	-6393.88	12.93	-5.79	0.00	25.13	5.28	78.15
-2.81	29	SLE Q	1	1	44.14	-6635.95	9.56	-9.39	0.00	25.13	5.47	81.03
-2.81	21	SLE R	2	1	0.00	-6748.65	8.65	-7.00	0.00	25.13	5.51	81.82
-2.81	22	SLE R	2	1	0.00	-6189.37	9.89	-2.01	0.00	25.13	5.02	74.64
-2.81	29	SLE Q	2	1	0.00	-6313.32	7.61	-6.48	0.00	25.13	5.15	76.45
-2.37	21	SLE R	2	1	44.14	-6649.33	9.78	-13.64	0.00	25.13	5.55	81.92
-2.37	22	SLE R	2	1	44.14	-6090.04	11.29	-10.38	0.00	25.13	5.09	75.06
-2.37	29	SLE Q	2	1	44.14	-6214.00	8.26	-12.43	0.00	25.13	5.17	76.36
-2.37	21	SLE R	3	1	0.00	-6716.10	10.43	-6.08	0.00	25.13	5.50	81.58
-2.37	22	SLE R	3	1	0.00	-6254.95	12.25	-4.68	0.00	25.13	5.15	76.23
-2.37	29	SLE Q	3	1	0.00	-6267.13	8.94	-5.10	0.00	25.13	5.11	75.90
-1.93	21	SLE R	3	1	44.14	-6616.78	5.46	-16.36	0.00	25.13	5.50	81.27
-1.93	22	SLE R	3	1	44.14	-6155.63	6.17	-12.50	0.00	25.13	5.09	75.34
-1.93	29	SLE Q	3	1	44.14	-6167.81	4.44	-15.10	0.00	25.13	5.12	75.63
-1.93	24	SLE R	4	1	0.00	-7046.74	7.51	-8.37	0.00	25.13	5.75	85.36
-1.93	22	SLE R	4	1	0.00	-6684.86	8.78	-8.52	0.00	25.13	5.49	81.34
-1.93	32	SLE Q	4	1	0.00	-6554.59	6.24	-6.99	0.00	25.13	5.33	79.15
-1.48	21	SLE R	4	1	44.14	-6968.06	-1.58	-22.35	0.00	25.13	5.81	85.74
-1.48	22	SLE R	4	1	44.14	-6585.54	-1.22	-18.37	0.00	25.13	5.44	80.54
-1.48	29	SLE Q	4	1	44.14	-6475.91	-1.88	-20.67	0.00	25.13	5.40	79.74
-1.48	24	SLE R	5	1	0.00	-7995.00	-1.94	-16.00	0.00	25.13	6.52	96.83
-1.48	23	SLE R	5	1	0.00	-7601.66	-1.30	-15.51	0.00	25.13	6.20	92.03
-1.48	32	SLE Q	5	1	0.00	-7418.51	-2.46	-13.86	0.00	25.13	6.05	89.80
-1.04	24	SLE R	5	1	44.14	-7895.68	-18.49	-40.51	0.00	25.13	7.05	102.35
-1.04	23	SLE R	5	1	44.14	-7502.34	-16.55	-37.78	0.00	25.13	6.67	96.97
-1.04	32	SLE Q	5	1	44.14	-7319.19	-17.31	-37.52	0.00	25.13	6.54	94.89
-1.04	24	SLE R	6	1	0.00	-9952.37	-27.16	-40.11	0.00	25.13	8.78	127.85
-1.04	23	SLE R	6	1	0.00	-9408.94	-25.09	-38.34	0.00	25.13	8.30	120.84
-1.04	32	SLE Q	6	1	0.00	-9220.70	-25.72	-35.96	0.00	25.13	8.12	118.35
-0.60	24	SLE R	6	1	44.14	-9853.05	-75.29	-112.98	0.00	25.13	10.48	146.37
-0.60	23	SLE R	6	1	44.14	-9309.62	-62.48	-106.02	0.00	25.13	9.76	136.77
-0.60	32	SLE Q	6	1	44.14	-9121.38	-69.57	-106.29	0.00	25.13	9.72	135.76
-0.60	24	SLE R	7	1	0.00	-13686.60	-126.96	-167.90	0.00	25.13	15.04	208.74
-0.60	23	SLE R	7	1	0.00	-12798.80	-102.74	-158.07	0.00	25.13	13.85	192.77
-0.60	32	SLE Q	7	1	0.00	-12684.00	-117.82	-157.80	0.00	25.13	13.97	193.83
-0.45	24	SLE R	7	1	15.14	-13652.50	-188.84	-273.94	0.00	25.13	17.47	235.66
-0.45	21	SLE R	7	1	15.14	-13468.00	-169.15	-286.01	0.00	25.13	17.22	232.25
-0.45	32	SLE Q	7	1	15.14	-12650.00	-174.38	-261.84	0.00	25.13	16.30	219.56
-0.16	24	SLE R	8	1	-0.00	-25136.10	-460.95	-733.20	0.00	25.13	37.19	489.54
-0.16	21	SLE R	8	1	-0.00	-24742.60	-230.32	-955.15	0.00	25.13	36.75	483.51
-0.16	32	SLE Q	8	1	-0.00	-23015.40	-408.61	-783.94	0.00	25.13	35.50	464.37
3.74	24	SLE R	8	1	390.00	-24258.60	648.00	1832.80	6.28	18.85	57.98	713.83
3.74	32	SLE Q	8	1	390.00	-22137.90	566.82	1845.93	6.28	18.85	55.91	682.94
4.34	24	SLE R	9	1	0.00	-9653.95	-1487.57	-2097.07	12.57	12.57	78.25	963.68
4.34	21	SLE R	9	1	0.00	-9513.99	-1276.06	-2289.88	12.57	12.57	77.68	979.24
4.34	32	SLE Q	9	1	0.00	-8683.28	-1290.10	-2153.89	12.57	12.57	75.03	960.60
7.19	21	SLE R	9	1	285.00	-8872.74	1040.92	346.86	12.57	12.57	31.02	363.46
7.19	24	SLE R	9	1	285.00	-9012.70	1195.86	142.57	9.42	15.71	30.21	352.44
7.19	29	SLE Q	9	1	285.00	-7902.07	887.81	399.67	12.57	12.57	28.61	334.85

Verifiche stato limite di formazione delle fessure

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	Mz <daNm>	c <mm>	s <mm>	K3	s_{rm} <mm>	Φ	A_s <cmq>	$A_{c\ eff}$ <cmq>	σ_s <daN/cmq>	σ_{sr} <daN/cmq>	ε_{sm}	Wk <mm>
3.74	32	SLE Q	8	1	390.00	-22137.90	1845.93	566.82	29.00	111.00	0.13	154.38	20.00	6.28	466.12	203.54	419.83	0.04	0.01
4.34	29	SLE Q	9	1	0.00	-8543.32	-2346.69	-1078.59	29.00	111.00	0.13	134.62	20.00	12.57	683.91	980.04	837.52	0.30	0.07
7.19	32	SLE Q	9	1	285.00	-8042.03	195.38	1042.75	29.00	111.00	0.13	135.74	20.00	9.42	523.43	204.00	640.18	0.04	0.01

Staffe - Verifiche armatura

X0 <m>	X1 <m>	Staff.	Br_y	Br_z	CC	TCC	$bw_{,y}$ <m>	$Vsdu_{,y}$ <daN>	$ctg\theta_{,y}$	$VRsd_{,y}$ <daN>	$VRcd_{,y}$ <daN>	$bw_{,z}$ <m>	$Vsdu_{,z}$ <daN>	$ctg\theta_{,z}$	$VRsd_{,z}$ <daN>	$VRcd_{,z}$ <daN>	Sic.T
-3.25	-2.78	ø6/ 8	2	2	17	SLU	0.30	217.09	2.50	16243.10	24210.90	0.30	114.16	2.50	16243.10	24210.90	74.82
-3.25	-2.78	ø6/ 8	2	2	20	SLU	0.30	227.97	2.50	16243.10	24190.40	0.30	89.31	2.50	16243.10	24190.40	71.25
-3.25	-2.78	ø6/ 8	2	2	2(TG)	SLD	0.30	3311.22	2.50	18679.60	35435.20	0.30	9767.96	2.50	18679.60	35435.20	1.91
-3.25	-2.78	ø6/ 8	2	2	14(TG)	SLD	0.30	8938.90	2.50	18679.60	35233.70	0.30	4680.49	2.50	18679.60	35233.70	2.09
-3.25	-2.78	ø6/ 8	2	2	1(TG)	SLV	0.30	3139.48	2.50	16243.10	24053.80	0.30	8082.78	2.50	16243.10	24053.80	2.01
-3.25	-2.78	ø6/ 8	2	2	13(TG)	SLV	0.30	7283.43	2.50	16243.10	23875.90	0.30	4192.91	2.50	16243.10	23875.90	2.23
-2.78	-0.92	ø6/14	2	2	17	SLU	0.30	134.16	2.50	9281.80	24727.50	0.30	246.62	2.50	9281.80	24727.50	37.64
-2.78	-0.92	ø6/14	2	2	20	SLU	0.30	146.73	2.50	9281.80	24740.00	0.30	232.50	2.50	9281.80	24740.00	39.92
-2.78	-0.92	ø6/14	2	2	2(TG)	SLD	0.30	3311.22	2.50	10674.10	35435.20	0.30	9767.96	2.50	10674.10	35435.20	1.09
-2.78	-0.92	ø6/14	2	2	14(TG)	SLD	0.30	8938.90	2.50	10674.10	35233.70	0.30	4680.49	2.50	10674.10	35233.70	1.19
-2.78	-0.92	ø6/14	2	2	1(TG)	SLV	0.30	3139.48	2.50	9281.80	24053.80	0.30	8082.78	2.50	9281.80	24053.80	1.15
-2.78	-0.92	ø6/14	2	2	13(TG)	SLV	0.30	7283.43	2.50	9281.80	23875.90	0.30	4192.91	2.50	9281.80	23875.90	1.27
-0.92	-0.45	ø6/ 8	2	2	17	SLU	0.30	458.81	2.50	16243.10	25417.70	0.30	1044.60	2.50	16243.10	25417.70	15.55
-0.92	-0.45	ø6/ 8	2	2	20	SLU	0.30	538.50	2.50	16243.10	25442.70	0.30	990.42	2.50	16243.10	25442.70	16.40

-0.92	-0.45	ø6/ 8	2	2	2(TG)	SLD	0.30	3311.22	2.50	18679.60	35435.20	0.30	9767.96	2.50	18679.60	35435.20	1.91
-0.92	-0.45	ø6/ 8	2	2	14(TG)	SLD	0.30	8938.90	2.50	18679.60	35233.70	0.30	4680.49	2.50	18679.60	35233.70	2.09
-0.92	-0.45	ø6/ 8	2	2	1(TG)	SLV	0.30	3139.48	2.50	16243.10	24053.80	0.30	8082.78	2.50	16243.10	24053.80	2.01
-0.92	-0.45	ø6/ 8	2	2	13(TG)	SLV	0.30	7283.43	2.50	16243.10	23875.90	0.30	4192.91	2.50	16243.10	23875.90	2.23
-0.16	0.49	ø6/ 8	2	2	17	SLU	0.30	245.93	2.50	16243.10	27429.80	0.30	1054.60	2.50	16243.10	27429.80	15.40
-0.16	0.49	ø6/ 8	2	2	20	SLU	0.30	355.24	2.50	16243.10	27429.80	0.30	977.90	2.50	16243.10	27429.80	16.61
-0.16	0.49	ø6/ 8	2	2	4(TG)	SLD	0.30	2027.78	2.50	18679.60	37108.10	0.30	7885.48	2.50	18679.60	37108.10	2.37
-0.16	0.49	ø6/ 8	2	2	16(TG)	SLD	0.30	6761.15	2.50	18679.60	36603.00	0.30	3771.08	2.50	18679.60	36603.00	2.76
-0.16	0.49	ø6/ 8	2	2	16(TG)	SLD	0.30	6965.04	2.50	18679.60	37879.30	0.30	3935.78	2.50	18679.60	37879.30	2.68
-0.16	0.49	ø6/ 8	2	2	3(TG)	SLV	0.30	1658.49	2.50	16243.10	25691.30	0.30	6667.51	2.50	16243.10	25691.30	2.44
-0.16	0.49	ø6/ 8	2	2	3(TG)	SLV	0.30	1650.19	2.50	16243.10	25801.70	0.30	6690.66	2.50	16243.10	25801.70	2.43
-0.16	0.49	ø6/ 8	2	2	15(TG)	SLV	0.30	6536.03	2.50	16243.10	25240.20	0.30	1764.42	2.50	16243.10	25240.20	2.49
-0.16	0.49	ø6/ 8	2	2	5(TG)	SLV	0.30	6682.50	2.50	16243.10	26391.50	0.30	1869.81	2.50	16243.10	26391.50	2.43
0.49	3.09	ø6/18	2	2	17	SLU	0.30	245.93	2.50	7219.18	27429.80	0.30	1054.60	2.50	7219.18	27429.80	6.85
0.49	3.09	ø6/18	2	2	20	SLU	0.30	355.24	2.50	7219.18	27429.80	0.30	977.90	2.50	7219.18	27429.80	7.38
0.49	3.09	ø6/18	2	2	4(TG)	SLD	0.30	2027.78	2.50	8302.05	37108.10	0.30	7885.48	2.50	8302.05	37108.10	1.05
0.49	3.09	ø6/18	2	2	16(TG)	SLD	0.30	6761.15	2.50	8302.05	36603.00	0.30	3771.08	2.50	8302.05	36603.00	1.23
0.49	3.09	ø6/18	2	2	16(TG)	SLD	0.30	6965.04	2.50	8302.05	37879.30	0.30	3935.78	2.50	8302.05	37879.30	1.19
0.49	3.09	ø6/18	2	2	3(TG)	SLV	0.30	1658.49	2.50	7219.18	25691.30	0.30	6667.51	2.50	7219.18	25691.30	1.08
0.49	3.09	ø6/18	2	2	3(TG)	SLV	0.30	1650.19	2.50	7219.18	25801.70	0.30	6690.66	2.50	7219.18	25801.70	1.08
0.49	3.09	ø6/18	2	2	15(TG)	SLV	0.30	6536.03	2.50	7219.18	25240.20	0.30	1764.42	2.50	7219.18	25240.20	1.10
0.49	3.09	ø6/18	2	2	5(TG)	SLV	0.30	6682.50	2.50	7219.18	26391.50	0.30	1869.81	2.50	7219.18	26391.50	1.08
3.09	3.74	ø6/ 8	2	2	17	SLU	0.30	245.93	2.50	16243.10	27429.80	0.30	1054.60	2.50	16243.10	27429.80	15.40
3.09	3.74	ø6/ 8	2	2	20	SLU	0.30	355.24	2.50	16243.10	27429.80	0.30	977.90	2.50	16243.10	27429.80	16.61
3.09	3.74	ø6/ 8	2	2	4(TG)	SLD	0.30	2027.78	2.50	18679.60	37108.10	0.30	7885.48	2.50	18679.60	37108.10	2.37
3.09	3.74	ø6/ 8	2	2	16(TG)	SLD	0.30	6761.15	2.50	18679.60	36603.00	0.30	3771.08	2.50	18679.60	36603.00	2.76
3.09	3.74	ø6/ 8	2	2	16(TG)	SLD	0.30	6965.04	2.50	18679.60	37879.30	0.30	3935.78	2.50	18679.60	37879.30	2.68
3.09	3.74	ø6/ 8	2	2	3(TG)	SLV	0.30	1658.49	2.50	16243.10	25691.30	0.30	6667.51	2.50	16243.10	25691.30	2.44
3.09	3.74	ø6/ 8	2	2	3(TG)	SLV	0.30	1650.19	2.50	16243.10	25801.70	0.30	6690.66	2.50	16243.10	25801.70	2.43
3.09	3.74	ø6/ 8	2	2	15(TG)	SLV	0.30	6536.03	2.50	16243.10	25240.20	0.30	1764.42	2.50	16243.10	25240.20	2.49
3.09	3.74	ø6/ 8	2	2	5(TG)	SLV	0.30	6682.50	2.50	16243.10	26391.50	0.30	1869.81	2.50	16243.10	26391.50	2.43
4.34	4.82	ø6/ 8	2	2	17	SLU	0.30	1135.76	2.50	16243.10	24618.90	0.30	1296.73	2.50	16243.10	24618.90	12.53
4.34	4.82	ø6/ 8	2	2	20	SLU	0.30	1264.34	2.50	16243.10	24637.80	0.30	1157.40	2.50	16243.10	24637.80	12.85
4.34	4.82	ø6/ 8	2	2	2(TG)	SLD	0.30	2583.64	2.50	18679.60	35439.80	0.30	10078.60	2.50	18679.60	35439.80	1.85
4.34	4.82	ø6/ 8	2	2	16(TG)	SLD	0.30	8876.32	2.50	18679.60	35155.20	0.30	4533.07	2.50	18679.60	35155.20	2.10
4.34	4.82	ø6/ 8	2	2	16(TG)	SLD	0.30	8897.21	2.50	18679.60	35574.30	0.30	5189.90	2.50	18679.60	35574.30	2.10
4.34	4.82	ø6/ 8	2	2	1(TG)	SLV	0.30	5408.90	2.50	16243.10	23825.80	0.30	6202.56	2.50	16243.10	23825.80	2.62
4.34	4.82	ø6/ 8	2	2	1(TG)	SLV	0.30	5440.50	2.50	16243.10	23992.70	0.30	6234.46	2.50	16243.10	23992.70	2.61
4.34	4.82	ø6/ 8	2	2	7(TG)	SLV	0.30	8584.61	2.50	16243.10	24095.50	0.30	2129.55	2.50	16243.10	24095.50	1.89
4.82	6.71	ø6/14	2	2	17	SLU	0.30	1135.76	2.50	9281.80	24600.20	0.30	1296.73	2.50	9281.80	24600.20	7.16
4.82	6.71	ø6/14	2	2	20	SLU	0.30	1264.34	2.50	9281.80	24619.10	0.30	1157.40	2.50	9281.80	24619.10	7.34
4.82	6.71	ø6/14	2	2	2(TG)	SLD	0.30	2583.64	2.50	10674.10	35439.80	0.30	10078.60	2.50	10674.10	35439.80	1.06
4.82	6.71	ø6/14	2	2	16(TG)	SLD	0.30	8876.32	2.50	10674.10	35155.20	0.30	4533.07	2.50	10674.10	35155.20	1.20
4.82	6.71	ø6/14	2	2	16(TG)	SLD	0.30	8897.21	2.50	10674.10	35574.30	0.30	5189.90	2.50	10674.10	35574.30	1.20
4.82	6.71	ø6/14	2	2	1(TG)	SLV	0.30	5408.90	2.50	9281.80	23825.80	0.30	6202.56	2.50	9281.80	23825.80	1.50
4.82	6.71	ø6/14	2	2	1(TG)	SLV	0.30	5440.50	2.50	9281.80	23992.70	0.30	6234.46	2.50	9281.80	23992.70	1.49
4.82	6.71	ø6/14	2	2	7(TG)	SLV	0.30	8584.61	2.50	9281.80	24095.50	0.30	2129.55	2.50	9281.80	24095.50	1.08
6.71	7.19	ø6/ 8	2	2	17	SLU	0.30	1135.76	2.50	16243.10	24525.20	0.30	1296.73	2.50	16243.10	24525.20	12.53
6.71	7.19	ø6/ 8	2	2	20	SLU	0.30	1264.34	2.50	16243.10	24544.10	0.30	1157.40	2.50	16243.10	24544.10	12.85
6.71	7.19	ø6/ 8	2	2	2(TG)	SLD	0.30	2583.64	2.50	18679.60	35439.80	0.30	10078.60	2.50	18679.60	35439.80	1.85
6.71	7.19	ø6/ 8	2	2	16(TG)	SLD	0.30	8876.32	2.50	18679.60	35155.20	0.30	4533.07	2.50	18679.60	35155.20	2.10
6.71	7.19	ø6/ 8	2	2	16(TG)	SLD	0.30	8897.21	2.50	18679.60	35574.30	0.30	5189.90	2.50	18679.60	35574.30	2.10
6.71	7.19	ø6/ 8	2	2	1(TG)	SLV	0.30	5408.90	2.50	16243.10	23825.80	0.30	6202.56	2.50	16243.10	23825.80	2.62
6.71	7.19	ø6/ 8	2	2	1(TG)	SLV	0.30	5440.50	2.50	16243.10	23992.70	0.30	6234.46	2.50	16243.10	23992.70	2.61
6.71	7.19	ø6/ 8	2	2	7(TG)	SLV	0.30	8584.61	2.50	16243.10	24095.50	0.30	2129.55	2.50	16243.10	24095.50	1.89

Pilastrata n. 3

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Acc.	Fyk <daN/cmq>	Fyd <daN/cmq>
1	R	30.00	30.00	3.80	C32/40	332.00	21.69	188.13	14.46	B450C	4500.00	3913.04
1	R	30.00	30.00	3.60	C32/40	332.00	21.69	188.13	14.46	B450C	4500.00	3913.04

Stato limite ultimo - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	α_y	My ver. <daNm>	Mz <daNm>	α_z	Mz ver. <daNm>	Nu <daN>	Myu <daNm>	Mzu <daNm>	α <grad>	ε_y	Sic.
-3.25	20(e)	SLU	1	1	0.00	-12771.00	-250.25		-255.42	-346.24		-346.24	-12771.10	-6432.43	-8936.02	233.44	4.04	8.618
-3.25	20(e)	SLU	1	1	0.00	-12771.00	-250.25		-255.42	-346.24		-346.24	-12771.10	-6432.43	-8936.02	233.44	4.04	8.618
-0.76	3(α)	SLV	1	1	249.00	-7655.50	763.34	1.00	763.34	258.32	37.84	9774.88	-7657.09	939.54	11858.30	84.38	6.45	1.213
-0.16	5(α)	SLV	2	1	-0.00	-4297.46	756.75	1.00	756.75	555.47	19.86	11030.60	-4297.46	963.92	11580.60	84.38	6.87	1.051
4.34	20(e)	SLU	2	1	450.00	-6065.53	92.28		121.31	-262.73		-262.73	-6065.52	4523.65	-10017.30	295.31	4.71	18.145
4.34	20(e)	SLU	3	1	0.00	-6065.53	92.28		121.31	-262.73		-262.73	-6075.92	2828.38	-6346.59	286.88	7.97	18.145
7.19	13	SLV	3	1	285.00	-2790.83	-420.20			1408.69			-2790.83	-1778.64	6123.61	98.44	11.05	4.338
-3.25	14	SLD	1	1	0.00	-7056.04	-470.25			-1126.48			-7056.03	-5258.73	-12075.40	247.50	5.50	10.790
-3.25	14	SLD	1	1	0.00	-7056.04	-470.25			-1126.48			-7056.03	-5258.73	-12075.40	247.50	5.50	10.790
-0.76	10	SLD	1	1	249.00	-7106.76	1054.96			451.29			-7106.75	12079.40	5259.41	22.50	5.50	11.482
-0.16	10	SLD	2	1	-0.00	-4450.18	1456.09			-334.29			-4464.47	12839.30	-3037.15	347.34	6.61	8.831
4.34	14	SLD	2	1	450.00	-4889.90	234.33			-103.85			-4889.89	11901.60	-5229.55	337.50	5.62	33.761
4.34	14	SLD	3	1	0.00	-3349.92	234.33			-276.61			-3349.92	5456.47	-6508.12	306.56	6.81	23.427
7.19	14	SLD	3	1	285.00	-2708.67	416.35			1527.90			-2708.67	1863.20	7116.10	82.97	12.87	4.645

Stato limite d'esercizio - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	Mz <daNm>	My <daNm>	AfT <cmq>	AfC <cmq>	σ_c <daN/cmq>	σ_f <daN/cmq>
-3.25	24	SLE R	1	1	0.00	-9466.06	-282.76	-183.51	0.00	25.13	14.25	187.05
-3.25	32	SLE Q	1	1	0.00	-8710.29	-248.19	-171.62	0.00	25.13	12.97	170.62
-3.25	24	SLE R	1	1	0.00	-9466.06	-282.76	-183.51	0.00	25.13	14.25	187.05
-3.25	32	SLE Q	1	1	0.00	-8710.29	-248.19	-171.62	0.00	25.13	12.97	170.62
-0.76	22	SLE R	1	1	249.00	-8675.73	234.24	306.26	0.00	25.13	14.73	189.97
-0.76	30	SLE Q	1	1	249.00	-7919.96	190.13	292.13	0.00	25.13	13.28	171.56
-0.16	22	SLE R	2	1	-0.00	-5345.66	-79.95	235.53	0.00	25.13	8.81	114.15
-0.16	30	SLE Q	2	1	-0.00	-4999.79	-55.29	215.12	0.00	25.13	7.88	102.72
4.34	24	SLE R	2	1	450.00	-4449.54	-183.60	67.15	0.00	25.13	7.16	93.07
4.34	32	SLE Q	2	1	450.00	-4103.67	-168.69	56.78	0.00	25.13	6.52	84.89
4.34	24	SLE R	3	1	0.00	-4449.54	-183.60	67.15	0.00	12.57	8.23	107.33
4.34	32	SLE Q	3	1	0.00	-4103.67	-168.69	56.78	0.00	12.57	7.50	97.93

7.19	24	SLE	R	3		1	285.00	-3808.29	727.84		9.61	6.28	6.28		19.29		245.01							
7.19	32	SLE	Q	3		1	285.00	-3462.42	663.64		25.07	6.28	6.28		18.03		229.03							

Verifiche stato limite di formazione delle fessure

Xg	CC	TCC	El	Sez.	X	N	My	Mz	c	s	K3	s_{rm}	Φ	A_s	$A_{c\ eff}$	σ_s	σ_{sr}	ε_{sm}	Wk
<m>					<cm>	<daN>	<daNm>	<daNm>	<mm>	<mm>		<mm>		<cmq>	<cmq>	<daN/cmq>	<daN/cmq>		<mm>
7.19	32	SLE	Q	3	1	285.00	-3462.42	25.07	663.64	29.00	222.00	0.13	181.09	20.00	6.28	494.41	229.03	1037.90	0.04	0.01

Staffe - Verifiche armatura

X0	X1	Staff.	Br_y	Br_z	CC	TCC	$bw_{,y}$	$Vsdu_{,y}$	$ctg\theta_{,y}$	$VRsd_{,y}$	$VRcd_{,y}$	$bw_{,z}$	$Vsdu_{,z}$	$ctg\theta_{,z}$	$VRsd_{,z}$	$VRcd_{,z}$	Sic.T
<m>	<m>						<m>	<daN>		<daN>	<daN>	<m>	<daN>		<daN>	<daN>	
-3.25	-2.80	ø8/14	2	2	18	SLU	0.30	225.03	2.50	16501.00	24551.20	0.30	275.28	2.50	16501.00	24551.20	59.94
-3.25	-2.80	ø8/14	2	2	20	SLU	0.30	292.05	2.50	16501.00	24582.30	0.30	217.79	2.50	16501.00	24582.30	56.50
-3.25	-2.80	ø8/14	2	2	2(TG)	SLD	0.30	3851.17	2.50	18976.10	35197.70	0.30	10991.10	2.50	18976.10	35197.70	1.73
-3.25	-2.80	ø8/14	2	2	8(TG)	SLD	0.30	11637.70	2.50	18976.10	35165.00	0.30	2382.85	2.50	18976.10	35165.00	1.63
-3.25	-2.80	ø8/14	2	2	1(TG)	SLV	0.30	3359.71	2.50	16501.00	23785.60	0.30	9227.74	2.50	16501.00	23785.60	1.79
-3.25	-2.80	ø8/14	2	2	5(TG)	SLV	0.30	10231.70	2.50	16501.00	23714.60	0.30	1220.38	2.50	16501.00	23714.60	1.61
-3.25	-2.80	ø8/14	2	2	15(TG)	SLV	0.30	10403.40	2.50	16501.00	24113.50	0.30	1166.13	2.50	16501.00	24113.50	1.59
-2.80	-1.21	ø8/22	2	2	18	SLU	0.30	225.03	2.50	10500.60	24533.50	0.30	275.28	2.50	10500.60	24533.50	38.15
-2.80	-1.21	ø8/22	2	2	20	SLU	0.30	292.05	2.50	10500.60	24564.50	0.30	217.79	2.50	10500.60	24564.50	35.96
-2.80	-1.21	ø8/22	2	2	2(TG)	SLD	0.30	3851.17	2.50	12075.70	35197.70	0.30	10991.10	2.50	12075.70	35197.70	1.10
-2.80	-1.21	ø8/22	2	2	8(TG)	SLD	0.30	11637.70	2.50	12075.70	35165.00	0.30	2382.85	2.50	12075.70	35165.00	1.04
-2.80	-1.21	ø8/22	2	2	1(TG)	SLV	0.30	3359.71	2.50	10500.60	23785.60	0.30	9227.74	2.50	10500.60	23785.60	1.14
-2.80	-1.21	ø8/22	2	2	5(TG)	SLV	0.30	10231.70	2.50	10500.60	23714.60	0.30	1220.38	2.50	10500.60	23714.60	1.03
-2.80	-1.21	ø8/22	2	2	15(TG)	SLV	0.30	10403.40	2.50	10500.60	24113.50	0.30	1166.13	2.50	10500.60	24113.50	1.01
-1.21	-0.76	ø8/14	2	2	18	SLU	0.30	225.03	2.50	16501.00	24470.70	0.30	275.28	2.50	16501.00	24470.70	59.94
-1.21	-0.76	ø8/14	2	2	20	SLU	0.30	292.05	2.50	16501.00	24501.70	0.30	217.79	2.50	16501.00	24501.70	56.50
-1.21	-0.76	ø8/14	2	2	2(TG)	SLD	0.30	3851.17	2.50	18976.10	35197.70	0.30	10991.10	2.50	18976.10	35197.70	1.73
-1.21	-0.76	ø8/14	2	2	8(TG)	SLD	0.30	11637.70	2.50	18976.10	35165.00	0.30	2382.85	2.50	18976.10	35165.00	1.63
-1.21	-0.76	ø8/14	2	2	1(TG)	SLV	0.30	3359.71	2.50	16501.00	23785.60	0.30	9227.74	2.50	16501.00	23785.60	1.79
-1.21	-0.76	ø8/14	2	2	5(TG)	SLV	0.30	10231.70	2.50	16501.00	23714.60	0.30	1220.38	2.50	16501.00	23714.60	1.61
-1.21	-0.76	ø8/14	2	2	15(TG)	SLV	0.30	10403.40	2.50	16501.00	24113.50	0.30	1166.13	2.50	16501.00	24113.50	1.59
-0.16	0.59	ø6/ 8	2	2	18	SLU	0.30	35.95	2.50	16243.10	23839.00	0.30	46.14	2.50	16243.10	23839.00	>100
-0.16	0.59	ø6/ 8	2	2	19	SLU	0.30	51.80	2.50	16243.10	23837.30	0.30	23.98	2.50	16243.10	23837.30	>100
-0.16	0.59	ø6/ 8	2	2	2(TG)	SLD	0.30	1966.49	2.50	18679.60	34913.80	0.30	6079.18	2.50	18679.60	34913.80	3.07
-0.16	0.59	ø6/ 8	2	2	16(TG)	SLD	0.30	6177.70	2.50	18679.60	34907.30	0.30	1745.36	2.50	18679.60	34907.30	3.02
-0.16	0.59	ø6/ 8	2	2	9(TG)	SLV	0.30	1944.55	2.50	16243.10	23496.30	0.30	4779.50	2.50	16243.10	23496.30	3.40
-0.16	0.59	ø6/ 8	2	2	7(TG)	SLV	0.30	5394.41	2.50	16243.10	23338.20	0.30	918.80	2.50	16243.10	23338.20	3.01
0.59	3.59	ø6/24	2	2	18	SLU	0.30	35.95	2.50	5414.38	23809.40	0.30	46.14	2.50	5414.38	23809.40	>100
0.59	3.59	ø6/24	2	2	19	SLU	0.30	51.80	2.50	5414.38	23807.70	0.30	23.98	2.50	5414.38	23807.70	>100
0.59	3.59	ø6/24	2	2	2(TG)	SLD	0.30	1966.49	2.50	6226.54	34913.80	0.30	6079.18	2.50	6226.54	34913.80	1.02
0.59	3.59	ø6/24	2	2	16(TG)	SLD	0.30	6177.70	2.50	6226.54	34907.30	0.30	1745.36	2.50	6226.54	34907.30	1.01
0.59	3.59	ø6/24	2	2	9(TG)	SLV	0.30	1944.55	2.50	5414.38	23496.30	0.30	4779.50	2.50	5414.38	23496.30	1.13
0.59	3.59	ø6/24	2	2	7(TG)	SLV	0.30	5394.41	2.50	5414.38	23338.20	0.30	918.80	2.50	5414.38	23338.20	1.00
3.59	4.34	ø6/ 8	2	2	18	SLU	0.30	35.95	2.50	16243.10	23691.00	0.30	46.14	2.50	16243.10	23691.00	>100
3.59	4.34	ø6/ 8	2	2	19	SLU	0.30	51.80	2.50	16243.10	23689.20	0.30	23.98	2.50	16243.10	23689.20	>100
3.59	4.34	ø6/ 8	2	2	2(TG)	SLD	0.30	1966.49	2.50	18679.60	34913.80	0.30	6079.18	2.50	18679.60	34913.80	3.07
3.59	4.34	ø6/ 8	2	2	16(TG)	SLD	0.30	6177.70	2.50	18679.60	34907.30	0.30	1745.36	2.50	18679.60	34907.30	3.02
3.59	4.34	ø6/ 8	2	2	9(TG)	SLV	0.30	1944.55	2.50	16243.10	23496.30	0.30	4779.50	2.50	16243.10	23496.30	3.40
3.59	4.34	ø6/ 8	2	2	7(TG)	SLV	0.30	5394.41	2.50	16243.10	23338.20	0.30	918.80	2.50	16243.10	23338.20	3.01
4.34	4.82	ø6/ 8	2	2	18	SLU	0.30	409.15	2.50	16243.10	23661.30	0.30	59.87	2.50	16243.10	23661.30	39.70
4.34	4.82	ø6/ 8	2	2	20	SLU	0.30	440.49	2.50	16243.10	23677.00	0.30	35.17	2.50	16243.10	23677.00	36.88
4.34	4.82	ø6/ 8	2	2	2(TG)	SLD	0.30	2624.00	2.50	18679.60	34827.20	0.30	5404.72	2.50	18679.60	34827.20	3.46
4.34	4.82	ø6/ 8	2	2	8(TG)	SLD	0.30	5598.86	2.50	18679.60	34798.90	0.30	1636.28	2.50	18679.60	34798.90	3.34
4.34	4.82	ø6/ 8	2	2	1(TG)	SLV	0.30	2531.93	2.50	16243.10	23389.90	0.30	4531.64	2.50	16243.10	23389.90	3.58
4.34	4.82	ø6/ 8	2	2	7(TG)	SLV	0.30	4794.07	2.50	16243.10	23362.80	0.30	1734.53	2.50	16243.10	23362.80	3.39
4.82	6.71	ø6/24	2	2	18	SLU	0.30	409.15	2.50	5414.38	23642.60	0.30	59.87	2.50	5414.38	23642.60	13.23
4.82	6.71	ø6/24	2	2	20	SLU	0.30	440.49	2.50	5414.38	23658.30	0.30	35.17	2.50	5414.38	23658.30	12.29
4.82	6.71	ø6/24	2	2	2(TG)	SLD	0.30	2624.00	2.50	6226.54	34827.20	0.30	5404.72	2.50	6226.54	34827.20	1.15
4.82	6.71	ø6/24	2	2	8(TG)	SLD	0.30	5598.86	2.50	6226.54	34798.90	0.30	1636.28	2.50	6226.54	34798.90	1.11
4.82	6.71	ø6/24	2	2	1(TG)	SLV	0.30	2531.93	2.50	5414.38	23389.90	0.30	4531.64	2.50	5414.38	23389.90	1.19
4.82	6.71	ø6/24	2	2	7(TG)	SLV	0.30	4794.07	2.50	5414.38	23362.80	0.30	1734.53	2.50	5414.38	23362.80	1.13
6.71	7.19	ø6/ 8	2	2	18	SLU	0.30	409.15	2.50	16243.10	23567.60	0.30	59.87	2.50	16243.10	23567.60	39.70
6.71	7.19	ø6/ 8	2	2	20	SLU	0.30	440.49	2.50	16243.10	23583.30	0.30	35.17	2.50	16243.10	23583.30	36.88
6.71	7.19	ø6/ 8	2	2	2(TG)	SLD	0.30	2624.00	2.50	18679.60	34827.20	0.30	5404.72	2.50	18679.60	34827.20	3.46
6.71	7.19	ø6/ 8	2	2	8(TG)	SLD	0.30	5598.86	2.50	18679.60	34798.90	0.30	1636.28	2.50	18679.60	34798.90	3.34
6.71	7.19	ø6/ 8	2	2	1(TG)	SLV	0.30	2531.93	2.50	16243.10	23389.90	0.30	4531.64	2.50	16243.10	23389.90	3.58
6.71	7.19	ø6/ 8	2	2	7(TG)	SLV	0.30	4794.07	2.50	16243.10	23362.80	0.30	1734.53	2.50	16243.10	23362.80	3.39

Pilastrata n. 4

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B	H	Cf	Cls	Fck	Fctk	Fcd	Fctd	Acc.	Fyk	Fyd
		<cm>	<cm>	<cm>		<daN/cmq>	<daN/cmq>	<daN/cmq>	<daN/cmq>		<daN/cmq>	<daN/cmq>
2	R	80.00	30.00	3.80	C32/40	332.00	21.69	188.13	14.46	B450C	4500.00	3913.04
2	R	80.00	30.00	2.00	C32/40	332.00	21.69	188.13	14.46	B450C	4500.00	3913.04

Stato limite ultimo - Ferri longitudinali - Verifiche armatura

Xg	CC	TCC	El	Sez.	X	N	My	α_y	My ver.	Mz	α_z	Mz ver.	Nu	Myu	Mzu	α	ε_y	Sic.
<m>					<cm>	<daN>	<daNm>		<daNm>	<daNm>		<daNm>	<daN>	<daNm>	<daNm>	<grad>		
-3.25	19(e)	SLU	1	2	0.00	-22814.90	-64.36		-456.30	-190.87		-912.59	-22814.90	-19490.80	-38886.90	194.77	5.09	12.864
-3.25	19(e)	SLU	1	2	0.00	-22814.90	-64.36		-456.30	-190.87		-912.59	-22814.90	-19490.80	-38886.90	194.77	5.09	12.864
-2.81	19(e)	SLU	1	2	44.14	-22470.50	-34.71		-449.41	-88.34		-898.82	-22470.50	-19471.70	-38858.60	194.77	5.10	13.061
-2.81	19(e)	SLU	2	2	0.00	-23294.90	-26.41		-465.90	-88.50		-931.80	-23294.90	-19517.40	-38926.50	194.77	5.08	12.599
-2.37	19(e)	SLU	2	2	44.14	-22950.60	4.50		459.01	-31.76		-918.02	-22950.60	19498.30	-38898.10	345.23	5.08	12.788
-2.37	19(e)	SLU	3	2	0.00	-24236.80	13.02		484.74	-33.60		-969.47	-24236.80	19569.70	-39004.10	345.23	5.05	12.109
-1.93	19(e)	SLU	3	2	44.14	-23892.40	45.34		477.85	4.14		955.70	-23892.40	19550.60	38975.80	14.77	5.06	12.284
-1.93	19(e)	SLU	4	2	0.00	-25785.70	55.08		515.72	-1.80		-1031.43	-25785.80	19655.60	-39131.50	345.23	5.01	11.382
-1.48	19(e)	SLU	4	2	44.14	-25441.40	92.19		508.83	51.10		1017.66	-25441.40	19636.50	39103.20	14.77	5.02	11.536
-1.48	19(e)	SLU	5	2	0.00	-28223.10	105.20		564.46	37.67		1128.92	-28223.10	19435.50	40561.00	15.47	4.93	10.399
-1.04	19(e)	SLU	5	2	44.14	-27878.80	152.40		557.58	164.65		1115.15	-27878.80	19416.60	40533.10	15.47	4.94	10.527
-1.04	19(e)	SLU	6	2	0.00	-31966.20	172.05		639.32	148.04		1278.65	-31966.20	19635.40	40852.30	15.47	4.84	9.181
-0.60	5	SLV	6	2	44.14	-14391.50	542.57			-9405.94			-14391.60	3465.64	-67272.80	292.50	8.23	7.150
-0.60	5	SLV	7	2	0.00	-15315.00	619.47			-9751.30			-15315.00	3470.06	-67476.70	292.50	8.18	6.915
-0.45	5	SLV	7	2	15.14	-15224.20	743.90			-12942.20			-15224.20	3469.63	-67456.60	292.50	8.18	5.210
3.74	11(α)	SLV	8	2	390.00	-42566.00	-414.61	1.00	-414.61	-5859.99	11.90	-69734.90	-42566.00	-0.00	-74629.70	270.00	8.26	1.070
4.34	3(α)	SLV	9	2	0.00	-3529.03	2653.63	1.00	2653.63	-7643.86	3.23	-24726.70	-3529.04	3562.13	-34324.50	298.13	10.72	1.388
7.50	9	SLV	9	2	316.00	-1787.83	-3199.73			-2237.91			-1810.84	-12079.60	-8166.14	182.46	13.75	3.734
-3.25	14(e)	SLD	1	2	0.00	-18020.60	350.90		360.41	1555.20		1555.20	-18020.50	15236.90	66107.20	30.94	6.18	24.429

-3.25	14(e)	SLD	1	2	0.00	-18020.60	350.90	360.41	1555.20	1555.20	-18020.50	15236.90	66107.20	30.94	6.18	24.429
-2.81	14(e)	SLD	1	2	44.14	-17755.70	352.86	355.11	942.63	942.63	-17755.70	20143.90	54844.20	19.69	5.80	24.794
-2.81	14(e)	SLD	2	2	0.00	-18776.50	354.36	375.53	969.16	969.16	-18776.50	20202.50	54952.60	19.69	5.78	23.446
-2.37	14(e)	SLD	2	2	44.14	-18511.60	360.45	370.23	742.79	742.79	-18511.60	23115.10	45224.80	14.06	5.89	23.781
-2.37	14(e)	SLD	3	2	0.00	-19888.30	365.03	397.77	756.42	795.53	-19888.30	23198.50	45355.80	14.06	5.86	22.135
-1.93	14(e)	SLD	3	2	44.14	-19623.40	379.65	392.47	915.28	915.28	-19623.40	21626.00	50609.20	16.88	5.79	22.434
-1.93	14(e)	SLD	4	2	0.00	-21369.90	388.92	427.40	877.12	877.12	-21369.90	22874.70	46928.00	14.77	5.80	20.601
-1.48	14(e)	SLD	4	2	44.14	-21105.10	418.64	422.10	1756.28	1756.28	-21105.10	16427.50	64369.50	28.13	5.98	20.859
-1.48	14(e)	SLD	5	2	0.00	-23383.10	434.10	467.66	1628.14	1628.14	-23383.00	17652.10	62300.70	25.31	5.82	18.827
-1.04	6	SLD	5	2	44.14	-12205.30	440.87		-4357.57		-12205.30	7519.21	-75558.80	303.75	8.35	17.337
-1.04	14(e)	SLD	6	2	0.00	-26413.50	521.34	528.27	4008.19	4008.19	-26415.50	10769.60	75145.30	45.00	6.86	16.667
-0.60	6	SLD	6	2	44.14	-13772.60	586.39		-10433.00		-13772.70	4736.76	-78457.00	292.50	9.59	7.522
-0.60	6	SLD	7	2	0.00	-14409.40	669.03		-10816.00		-14409.40	4738.57	-78612.10	292.50	9.56	7.267
-0.45	6	SLD	7	2	15.14	-14318.50	803.03		-14358.70		-14318.50	4738.31	-78590.00	292.50	9.57	5.475
-0.16	6	SLD	8	2	-0.00	-29390.60	1867.67		-56803.80		-29391.70	1952.01	-84390.20	281.25	10.23	1.485
3.74	6(e)	SLD	8	2	390.00	-27050.60	-222.16	-541.01	40763.90	40763.90	-27050.60	-0.00	84275.80	90.00	12.27	2.067
4.34	6	SLD	9	2	0.00	-1762.81	2085.37		-15249.50		-1762.81	5954.63	-38758.10	303.75	11.57	2.548
7.50	10	SLD	9	2	316.00	-1731.58	-3339.07		-2519.76		-1731.60	-14111.30	-10292.30	182.46	15.34	4.175

Dati per verifiche di stabilità

Xg	El	l_0	λ	λ*
<m>		<m>		
-0.16	8	4.50	51.96	33.75
3.74	8	4.50	51.96	33.75

Stato limite ultimo - Ferri longitudinali - Verifiche armatura - Controlli di stabilità

Xg	CC	TCC	El	Sez.	X	N	My	My ver.	Mz	Mz ver.	Nu	Myu,s	Mzu,s	α	ε_Y	Sic.
<m>					<cm>	<daN>	<daNm>	<daNm>	<daNm>	<daNm>	<daN>	<daNm>	<daNm>	<grad>		
-0.16	5	SLV	8	2	-0.00	-31169.30	1732.11		-51238.60		-31169.30	3505.00	-70061.90	292.50	7.31	1.368

Stato limite d'esercizio - Ferri longitudinali - Verifiche armatura

Xg	CC	TCC	El	Sez.	X	N	Mz	My	AfT	AfC	σ_c	σ_f
<m>					<cm>	<daN>	<daNm>	<daNm>	<cmq>	<cmq>	<daN/cmq>	<daN/cmq>
-3.25	24	SLE R	1	2	0.00	-15790.60	-341.63	-83.54	0.00	50.27	6.23	90.51
-3.25	32	SLE Q	1	2	0.00	-14578.80	-318.31	-76.39	0.00	50.27	5.76	83.60
-3.25	24	SLE R	1	2	0.00	-15790.60	-341.63	-83.54	0.00	50.27	6.23	90.51
-3.25	32	SLE Q	1	2	0.00	-14578.80	-318.31	-76.39	0.00	50.27	5.76	83.60
-2.81	24	SLE R	1	2	44.14	-15525.70	-184.61	-56.49	0.00	50.27	5.65	82.91
-2.81	32	SLE Q	1	2	44.14	-14314.00	-172.72	-51.91	0.00	50.27	5.22	76.50
-2.81	24	SLE R	2	2	0.00	-16049.40	-188.01	-49.13	0.00	50.27	5.78	85.02
-2.81	32	SLE Q	2	2	0.00	-14780.20	-175.78	-45.24	0.00	50.27	5.33	78.37
-2.37	21	SLE R	2	2	44.14	-16067.60	-63.57	-41.65	0.00	50.27	5.48	81.01
-2.37	24	SLE R	2	2	44.14	-15784.50	-114.68	-21.32	0.00	50.27	5.38	79.80
-2.37	29	SLE Q	2	2	44.14	-14798.50	-57.10	-40.41	0.00	50.27	5.05	74.70
-2.37	21	SLE R	3	2	0.00	-16943.50	-65.71	-37.04	0.00	50.27	5.73	84.93
-2.37	24	SLE R	3	2	0.00	-16628.20	-117.81	-14.04	0.00	50.27	5.61	83.42
-2.37	29	SLE Q	3	2	0.00	-15582.50	-58.91	-36.49	0.00	50.27	5.28	78.22
-1.93	22	SLE R	3	2	44.14	-16591.30	-39.51	73.82	0.00	50.27	5.78	84.92
-1.93	30	SLE Q	3	2	44.14	-15230.30	-34.78	71.67	0.00	50.27	5.33	78.17
-1.93	22	SLE R	4	2	0.00	-17913.00	-41.54	83.93	0.00	50.27	6.27	91.93
-1.93	30	SLE Q	4	2	0.00	-16414.60	-36.58	81.02	0.00	50.27	5.76	84.47
-1.48	22	SLE R	4	2	44.14	-17648.10	-49.58	123.81	0.00	50.27	6.44	93.54
-1.48	24	SLE R	4	2	44.14	-17374.60	-172.61	54.45	0.00	50.27	6.20	91.23
-1.48	30	SLE Q	4	2	44.14	-16149.70	-43.18	117.90	0.00	50.27	5.91	85.84
-1.48	22	SLE R	5	2	0.00	-19600.60	-52.26	137.76	0.00	50.27	7.15	103.82
-1.48	24	SLE R	5	2	0.00	-19283.90	-167.45	65.18	0.00	50.27	6.86	100.86
-1.48	30	SLE Q	5	2	0.00	-17900.70	-45.73	130.91	0.00	50.27	6.55	95.10
-1.04	24	SLE R	5	2	44.14	-19019.00	-381.02	104.10	0.00	50.27	7.46	108.36
-1.04	32	SLE Q	5	2	44.14	-17319.10	-367.50	93.60	0.00	50.27	6.83	99.19
-1.04	22	SLE R	6	2	0.00	-22199.60	-96.33	210.85	0.00	50.27	8.50	122.29
-1.04	24	SLE R	6	2	0.00	-21829.10	-369.74	119.87	0.00	50.27	8.42	122.44
-1.04	30	SLE Q	6	2	0.00	-20208.10	-82.79	198.96	0.00	50.27	7.77	111.64
-0.60	24	SLE R	6	2	44.14	-21564.20	-871.18	174.93	0.00	50.27	9.74	139.34
-0.60	32	SLE Q	6	2	44.14	-19572.70	-841.59	157.69	0.00	50.27	8.94	127.87
-0.60	24	SLE R	7	2	0.00	-25266.80	-903.54	207.79	0.00	50.27	11.18	160.05
-0.60	32	SLE Q	7	2	0.00	-22886.00	-872.59	187.49	0.00	50.27	10.24	146.49
-0.45	24	SLE R	7	2	15.14	-25175.90	-1167.95	254.99	0.00	50.27	12.00	170.39
-0.45	32	SLE Q	7	2	15.14	-22795.20	-1130.09	230.33	0.00	50.27	11.01	156.35
-0.16	24	SLE R	8	2	-0.00	-51186.40	-5016.04	625.48	0.00	50.27	30.68	430.01
-0.16	32	SLE Q	8	2	-0.00	-46028.30	-4827.47	566.02	0.00	50.27	28.29	396.09
3.74	24	SLE R	8	2	390.00	-48846.40	7069.12	-336.74	0.00	50.27	32.63	459.50
3.74	32	SLE Q	8	2	390.00	-43688.30	6515.58	-347.78	3.14	47.12	29.90	419.96
4.34	24	SLE R	9	2	0.00	-4020.93	-5846.68	1764.42	18.85	6.28	49.94	1138.49
4.34	32	SLE Q	9	2	0.00	-4035.66	-5188.74	1707.64	18.85	6.28	46.03	1025.29
7.50	24	SLE R	9	2	316.00	-2124.93	755.81	-1863.99	12.57	12.57	24.17	625.45
7.50	22	SLE R	9	2	316.00	-2279.16	397.45	-2014.52	12.57	12.57	23.64	640.05
7.50	32	SLE Q	9	2	316.00	-2139.66	749.47	-1817.20	12.57	12.57	23.64	608.21

Verifiche stato limite di formazione delle fessure

Xg	CC	TCC	El	Sez.	X	N	My	Mz	c	s	K3	s_{rm}	Φ	A_s	$A_{c\ eff}$	σ_s	σ_{sr}	ε_{sm}	Wk
<m>					<cm>	<daN>	<daNm>	<daNm>	<mm>	<mm>		<mm>		<cmq>	<cmq>	<daN/cmq>	<daN/cmq>		<mm>
3.74	32	SLE Q	8	2	390.00	-43688.30	-347.78	6515.58	29.00	280.00	0.13	200.91	20.00	3.14	273.04	4.77	82.21	0.00	0.00
4.34	32	SLE Q	9	2	0.00	-4035.66	1707.64	-5188.74	29.00	222.00	0.13	202.28	20.00	15.71	1568.85	1025.29	1641.80	0.20	0.07
7.50	30	SLE Q	9	2	316.00	-2293.89	-1967.74	391.11	29.00	240.67	0.13	207.53	20.00	12.57	1274.13	622.85	1752.62	0.12	0.04

Staffe - Verifiche armatura

X0 <m>	X1 <m>	Staff.	Br_y	Br_z	CC	TCC	$bw_{,y}$ <m>	$Vsdu_{,y}$ <daN>	$ctg\theta_{,y}$	$VRsd_{,y}$ <daN>	$VRcd_{,y}$ <daN>	$bw_{,z}$ <m>	$Vsdu_{,z}$ <daN>	$ctg\theta_{,z}$	$VRsd_{,z}$ <daN>	$VRcd_{,z}$ <daN>	Sic.T
-3.25	-2.45	ø8/ 4	2	4	18	SLU	0.30	351.81	1.42	95588.40	95588.40	0.80	95.69	1.74	80273.00	80273.00	>100
-3.25	-2.45	ø8/ 4	2	4	20	SLU	0.30	454.54	1.42	95560.90	95560.90	0.80	86.13	1.74	80252.50	80252.40	>100
-3.25	-2.45	ø8/ 4	2	4	4(TG)	SLD	0.30	29630.70	1.70	131421.00	131421.00	0.80	19443.40	2.04	108519.00	108519.00	4.44
-3.25	-2.45	ø8/ 4	2	4	8(TG)	SLD	0.30	60754.20	1.68	130155.00	130155.00	0.80	4327.12	2.02	107557.00	107557.00	2.14
-3.25	-2.45	ø8/ 4	2	4	3(TG)	SLV	0.30	24956.40	1.42	95843.30	95843.30	0.80	16386.70	1.74	80463.40	80463.40	3.84
-3.25	-2.45	ø8/ 4	2	4	7(TG)	SLV	0.30	51306.60	1.40	94484.30	94484.30	0.80	3822.48	1.72	79448.70	79448.70	1.84
-2.45	-1.25	ø8/12	2	4	18	SLU	0.30	174.70	2.50	56130.70	70732.40	0.80	150.64	2.50	38502.30	64690.90	>100
-2.45	-1.25	ø8/12	2	4	20	SLU	0.30	518.28	2.50	56130.70	70685.70	0.80	121.94	2.50	38502.30	64648.10	>100
-2.45	-1.25	ø8/12	2	4	4(TG)	SLD	0.30	29630.70	2.50	64550.30	103598.00	0.80	19443.40	2.50	44277.60	94749.10	2.18
-2.45	-1.25	ø8/12	2	4	8(TG)	SLD	0.30	60754.20	2.50	64550.30	102123.00	0.80	4327.12	2.50	44277.60	93400.10	1.06
-2.45	-1.25	ø8/12	2	4	3(TG)	SLV	0.30	24893.30	2.50	56130.70	69721.10	0.80	16267.30	2.50	38502.30	63766.00	2.25
-2.45	-1.25	ø8/12	2	4	3(TG)	SLV	0.30	24956.40	2.50	56130.70	70253.10	0.80	16386.70	2.50	38502.30	64252.50	2.25
-2.45	-1.25	ø8/12	2	4	7(TG)	SLV	0.30	51306.60	2.50	56130.70	68929.00	0.80	3822.48	2.50	38502.30	63041.50	1.09
-1.25	-0.45	ø8/ 4	2	4	18	SLU	0.30	281.66	1.45	97660.60	97660.60	0.80	600.47	1.77	81822.80	81822.80	>100
-1.25	-0.45	ø8/ 4	2	4	20	SLU	0.30	1812.20	1.45	97576.80	97576.80	0.80	436.05	1.77	81760.10	81760.10	53.84
-1.25	-0.45	ø8/ 4	2	4	4(TG)	SLD	0.30	29630.70	1.70	131421.00	131421.00	0.80	19443.40	2.04	108519.00	108519.00	4.44
-1.25	-0.45	ø8/ 4	2	4	8(TG)	SLD	0.30	60754.20	1.68	130155.00	130155.00	0.80	4327.12	2.02	107557.00	107557.00	2.14
-1.25	-0.45	ø8/ 4	2	4	3(TG)	SLV	0.30	24956.40	1.42	95843.30	95843.30	0.80	16386.70	1.74	80463.40	80463.40	3.84
-1.25	-0.45	ø8/ 4	2	4	7(TG)	SLV	0.30	51306.60	1.40	94484.30	94484.30	0.80	3822.48	1.72	79448.70	79448.70	1.84
-0.16	0.64	ø8/ 4	2	4	18	SLU	0.30	2151.76	1.53	103065.00	103065.00	0.80	434.11	1.86	85880.60	85880.60	47.90
-0.16	0.64	ø8/ 4	2	4	20	SLU	0.30	3738.50	1.53	102904.00	102904.00	0.80	334.70	1.86	85759.80	85759.80	27.53
-0.16	0.64	ø8/ 4	2	4	4(TG)	SLD	0.30	34259.60	1.73	134262.00	134262.00	0.80	11246.40	2.08	110679.00	110679.00	3.92
-0.16	0.64	ø8/ 4	2	4	6(TG)	SLD	0.30	51428.40	1.75	135727.00	135727.00	0.80	1248.60	2.10	111795.00	111795.00	2.64
-0.16	0.64	ø8/ 4	2	4	3(TG)	SLV	0.30	29126.20	1.47	99188.90	99188.90	0.80	9400.96	1.80	82968.20	82968.20	3.41
-0.16	0.64	ø8/ 4	2	4	5(TG)	SLV	0.30	43496.30	1.50	100735.00	100735.00	0.80	458.12	1.82	84128.90	84128.90	2.32
0.64	2.94	ø8/14	2	4	18	SLU	0.30	2151.76	2.50	48112.00	77514.40	0.80	434.11	2.50	33001.90	70893.60	22.36
0.64	2.94	ø8/14	2	4	20	SLU	0.30	3738.50	2.50	48112.00	77345.20	0.80	334.70	2.50	33001.90	70738.90	12.87
0.64	2.94	ø8/14	2	4	4(TG)	SLD	0.30	34259.60	2.50	55328.80	106958.00	0.80	11246.40	2.50	37952.20	97822.10	1.61
0.64	2.94	ø8/14	2	4	6(TG)	SLD	0.30	51428.40	2.50	55328.80	108718.00	0.80	1248.60	2.50	37952.20	99432.40	1.08
0.64	2.94	ø8/14	2	4	3(TG)	SLV	0.30	28645.20	2.50	48112.00	72486.10	0.80	9302.62	2.50	33001.90	66294.80	1.68
0.64	2.94	ø8/14	2	4	3(TG)	SLV	0.30	29126.20	2.50	48112.00	73593.60	0.80	9400.96	2.50	33001.90	67307.70	1.65
0.64	2.94	ø8/14	2	4	5(TG)	SLV	0.30	43496.30	2.50	48112.00	75176.40	0.80	458.12	2.50	33001.90	68755.30	1.11
0.64	2.94	ø8/14	2	4	13(TG)	SLV	0.30	43552.40	2.50	48112.00	75621.20	0.80	915.97	2.50	33001.90	69162.10	1.10
2.94	3.74	ø8/ 4	2	4	18	SLU	0.30	2151.76	1.53	102726.00	102726.00	0.80	434.11	1.85	85625.60	85625.60	47.74
2.94	3.74	ø8/ 4	2	4	20	SLU	0.30	3738.50	1.52	102565.00	102565.00	0.80	334.70	1.85	85504.40	85504.40	27.43
2.94	3.74	ø8/ 4	2	4	4(TG)	SLD	0.30	34259.60	1.73	134262.00	134262.00	0.80	11246.40	2.08	110679.00	110679.00	3.92
2.94	3.74	ø8/ 4	2	4	6(TG)	SLD	0.30	51428.40	1.75	135727.00	135727.00	0.80	1248.60	2.10	111795.00	111795.00	2.64
2.94	3.74	ø8/ 4	2	4	3(TG)	SLV	0.30	29126.20	1.47	99188.90	99188.90	0.80	9400.96	1.80	82968.20	82968.20	3.41
2.94	3.74	ø8/ 4	2	4	5(TG)	SLV	0.30	43496.30	1.50	100735.00	100735.00	0.80	458.12	1.82	84128.90	84128.90	2.32
4.34	5.14	ø8/ 4	2	4	18	SLU	0.30	2640.16	1.38	92938.90	92938.90	0.80	1592.75	1.69	78296.80	78296.80	35.20
4.34	5.14	ø8/ 4	2	4	20	SLU	0.30	2861.52	1.38	92915.00	92914.90	0.80	1519.25	1.69	78279.00	78279.00	32.47
4.34	5.14	ø8/ 4	2	4	10(TG)	SLD	0.30	5606.59	1.66	128717.00	128717.00	0.80	10080.10	2.00	106466.00	106466.00	10.56
4.34	5.14	ø8/ 4	2	4	14(TG)	SLD	0.30	26712.40	1.66	128888.00	128888.00	0.80	5256.29	2.01	106595.00	106595.00	4.83
4.34	5.14	ø8/ 4	2	4	9(TG)	SLV	0.30	3545.10	1.37	92602.50	92602.50	0.80	8628.56	1.69	78046.40	78046.40	9.05
4.34	5.14	ø8/ 4	2	4	13(TG)	SLV	0.30	23048.80	1.38	92787.20	92787.20	0.80	3711.54	1.69	78183.90	78183.90	4.03
5.14	6.70	ø8/24	2	4	18	SLU	0.30	2640.16	2.50	28065.40	67354.00	0.80	1592.75	2.50	19251.10	61601.10	10.63
5.14	6.70	ø8/24	2	4	20	SLU	0.30	2861.52	2.50	28065.40	67331.30	0.80	1519.25	2.50	19251.10	61580.20	9.81
5.14	6.70	ø8/24	2	4	10(TG)	SLD	0.30	5606.59	2.50	32275.20	100466.00	0.80	10080.10	2.50	22138.80	91885.20	2.20
5.14	6.70	ø8/24	2	4	14(TG)	SLD	0.30	26712.40	2.50	32275.20	100662.00	0.80	5256.29	2.50	22138.80	92063.70	1.21
5.14	6.70	ø8/24	2	4	9(TG)	SLV	0.30	3545.10	2.50	28065.40	67126.70	0.80	8628.56	2.50	19251.10	61393.10	2.23
5.14	6.70	ø8/24	2	4	13(TG)	SLV	0.30	23048.80	2.50	28065.40	67302.00	0.80	3711.54	2.50	19251.10	61553.40	1.22
6.70	7.50	ø8/ 4	2	4	18	SLU	0.30	2640.16	1.38	92652.90	92652.90	0.80	1592.75	1.69	78083.90	78083.90	35.09
6.70	7.50	ø8/ 4	2	4	20	SLU	0.30	2861.52	1.38	92628.90	92628.90	0.80	1519.25	1.69	78066.00	78066.00	32.37
6.70	7.50	ø8/ 4	2	4	10(TG)	SLD	0.30	5606.59	1.66	128717.00	128717.00	0.80	10080.10	2.00	106466.00	106466.00	10.56
6.70	7.50	ø8/ 4	2	4	14(TG)	SLD	0.30	26712.40	1.66	128888.00	128888.00	0.80	5256.29	2.01	106595.00	106595.00	4.83
6.70	7.50	ø8/ 4	2	4	9(TG)	SLV	0.30	3545.10	1.37	92602.50	92602.50	0.80	8628.56	1.69	78046.40	78046.40	9.05
6.70	7.50	ø8/ 4	2	4	13(TG)	SLV	0.30	23048.80	1.38	92787.20	92787.20	0.80	3711.54	1.69	78183.90	78183.90	4.03

Pilastrata n. 5

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Acc.	Fyk <daN/cmq>	Fyd <daN/cmq>
3	R	60.00	30.00	3.60	C32/40	332.00	21.69	188.13	14.46	B450C	4500.00	3913.04
3	R	60.00	30.00	3.80	C32/40	332.00	21.69	188.13	14.46	B450C	4500.00	3913.04

Stato limite ultimo - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	α_y	My ver. <daNm>	Mz <daNm>	α_z	Mz ver. <daNm>	Nu <daN>	Myu <daNm>	Mzu <daNm>	α <grad>	ε_Y	Sic.
-0.16	5(α)	SLV	2	3	-0.00	-76088.40	1552.19	1.00	1552.19	7976.96	5.53	44144.70	-76088.40	1698.65	44805.00	78.75	4.74	1.015
3.74	15(α)	SLV	2	3	390.00	-77425.30	138.99	1.00	138.99	-6068.00	4.89	-29688.60	-77425.30	0.01	-45386.20	270.00	5.09	1.529
4.34	1(α)	SLV	3	3	0.00	-18171.60	-2415.67	1.00	-2415.67	-10255.90	3.17	-32561.60	-18171.60	-2713.62	-32837.70	253.13	7.97	1.009
7.19	5	SLV	3	3	285.00	-17928.60	857.35			12894.80			-17928.60	1738.27	33411.80	78.75	8.73	2.589
-3.25	10(e)	SLD	1	3	0.00	-127245.00	743.31		2544.91	-800.38		-3817.36	-127245.00	21687.50	-31468.40	338.91	3.38	2.595
-3.25	10(e)	SLD	1	3	0.00	-127245.00	743.31		2544.91	-800.38		-3817.36	-127245.00	21687.50	-31468.40	338.91	3.38	2.595
-0.76	10(e)	SLD	1	3	249.00	-126125.00	469.47		2522.50	3919.52		3919.52	-126126.00	20929.10	33017.10	22.50	3.38	2.618
-0.16	6	SLD	2	3	-0.00	-75720.00	1663.16			-17640.30			-75720.00	4929.12	-52074.20	292.50	5.63	2.952
3.74	6(e)	SLD	2	3	390.00	-80908.30	489.01		-1618.17	13513.40		13513.40	-80908.30	-6218.44	51529.30	118.13	5.18	3.814
4.34	6	SLD	3	3	0.00	-19088.80	-1011.82			-16138.70			-19088.80	-2513.22	-39242.80	258.75	10.50	2.432
7.19	6	SLD	3	3	285.00	-17806.30	949.46			13937.00			-17806.40	2500.42	39004.30	78.75	10.62	2.798

Dati per verifiche di stabilità

Xg <m>	El	l_0 <m>	λ	λ*	Xg <m>	El	l_0 <m>	λ	λ*	Xg <m>	El	l_0 <m>	λ	λ*	Xg <m>	El	l_0 <m>	λ	λ*
-3.25	1	3.09	35.68	15.02	-3.25	1	3.09	35.68	15.02	-0.76	1	3.09	35.68	15.02	-0.16	2	4.50	51.96	20.95
3.74	2	4.50	51.96	20.95															

Stato limite ultimo - Ferri longitudinali - Verifiche armatura - Controlli di stabilità

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	Myu,s <daNm>	Mzu,s <daNm>	α <grad>	ε_Y	Sic.
-3.25	18(e)	SLU	1	3	0.00	-192175.00	341.56	3843.50	-3643.73	-5765.25	-192175.00	15196.10	-23347.50	337.50	1.80	1.145
-3.25	18(e)	SLU	1	3	0.00	-192175.00	341.56	3843.50	-3643.73	-5765.25	-192175.00	15196.10	-23347.50	337.50	1.80	1.145
-0.76	18(e)	SLU	1	3	249.00	-190718.00	-353.37	-3814.37	5375.60	5721.55	-190718.00	-15213.00	23376.00	157.50	1.82	1.154

Stato limite d'esercizio - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	Mz <daNm>	My <daNm>	AfT <cmq>	AfC <cmq>	σ_c <daN/cmq>	σ_f <daN/cmq>
-3.25	24	SLE R	1	3	0.00	-135002.00	-2934.31	229.36	0.00	37.70	70.37	1026.08
-3.25	32	SLE Q	1	3	0.00	-120326.00	-2758.85	229.23	0.00	37.70	63.47	924.02
-3.25	24	SLE R	1	3	0.00	-135002.00	-2934.31	229.36	0.00	37.70	70.37	1026.08
-3.25	32	SLE Q	1	3	0.00	-120326.00	-2758.85	229.23	0.00	37.70	63.47	924.02
-0.76	21	SLE R	1	3	249.00	-133491.00	3793.95	-443.54	0.00	37.70	74.76	1078.98
-0.76	29	SLE Q	1	3	249.00	-118815.00	3541.80	-458.96	0.00	37.70	67.69	974.33
-0.16	24	SLE R	2	3	-0.00	-90957.90	-5377.77	590.61	0.00	37.70	64.14	903.04
-0.16	32	SLE Q	2	3	-0.00	-79365.30	-4823.64	559.36	0.00	37.70	56.82	798.46
3.74	24	SLE R	2	3	390.00	-89202.90	4446.13	92.20	0.00	37.70	55.87	801.23
3.74	32	SLE Q	2	3	390.00	-77610.30	3782.09	81.06	0.00	37.70	48.28	692.76
4.34	24	SLE R	3	3	0.00	-22315.70	-6485.80	40.89	15.33	15.33	42.70	559.15
4.34	32	SLE Q	3	3	0.00	-20289.30	-5452.15	-22.86	15.33	15.33	35.96	474.03
7.19	24	SLE R	3	3	285.00	-21033.20	4689.92	-37.57	12.19	18.47	31.63	422.60
7.19	32	SLE Q	3	3	285.00	-19006.80	4160.46	8.77	9.05	21.61	27.85	373.34

Verifiche stato limite di formazione delle fessure

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	Mz <daNm>	c <mm>	s <mm>	K3	s_{rm} <mm>	Φ	A_s <cmq>	$A_{c\ eff}$ <cmq>	σ_s <daN/cmq>	σ_{sr} <daN/cmq>	ε_{sm}	Wk <mm>
4.34	32	SLE Q	3	3	0.00	-20289.30	-22.86	-5452.15	29.00	173.35	0.13	172.57	24.00	15.33	1020.79	343.68	951.76	0.07	0.02
7.19	32	SLE Q	3	3	285.00	-19006.80	8.77	4160.46	29.00	218.00	0.13	180.26	24.00	9.05	593.09	185.59	800.72	0.04	0.01

Staffe - Verifiche armatura

X0 <m>	X1 <m>	Staff.	Br_y	Br_z	CC	TCC	$bw_{,y}$ <m>	$Vsdu_{,y}$ <daN>	$ctg\theta_{,y}$	$VRsd_{,y}$ <daN>	$VRcd_{,y}$ <daN>	$bw_{,z}$ <m>	$Vsdu_{,z}$ <daN>	$ctg\theta_{,z}$	$VRsd_{,z}$ <daN>	$VRcd_{,z}$ <daN>	Sic.T
-3.25	-2.65	ø6/ 4	2	4	17	SLU	0.30	3670.94	2.26	63209.60	63209.60	0.60	306.07	2.26	58815.30	58815.30	17.22
-3.25	-2.65	ø6/ 4	2	4	20	SLU	0.30	3815.30	2.26	63209.60	63209.60	0.60	290.19	2.26	58815.30	58815.30	16.57
-3.25	-2.65	ø6/ 4	2	4	10(TG)	SLD	0.30	27795.20	2.50	80300.80	88437.60	0.60	19151.10	2.50	74718.40	82289.50	2.89
-3.25	-2.65	ø6/ 4	2	4	6(TG)	SLD	0.30	33243.80	2.50	80300.80	88437.60	0.60	15867.10	2.50	74718.40	82289.50	2.42
-3.25	-2.65	ø6/ 4	2	4	9(TG)	SLV	0.30	22921.60	2.26	63209.60	63209.60	0.60	14991.30	2.26	58815.30	58815.30	2.76
-3.25	-2.65	ø6/ 4	2	4	5(TG)	SLV	0.30	36563.00	2.26	63209.60	63209.60	0.60	5505.70	2.26	58815.30	58815.30	1.73
-2.65	-1.36	ø6/ 6	2	4	17	SLU	0.30	3670.94	2.50	46551.20	58958.40	0.60	306.07	2.50	43315.00	54859.70	12.68
-2.65	-1.36	ø6/ 6	2	4	20	SLU	0.30	3815.30	2.50	46551.20	58958.40	0.60	290.19	2.50	43315.00	54859.70	12.20
-2.65	-1.36	ø6/ 6	2	4	10(TG)	SLD	0.30	27795.20	2.50	53533.90	88437.60	0.60	19151.10	2.50	49812.30	82289.50	1.93
-2.65	-1.36	ø6/ 6	2	4	6(TG)	SLD	0.30	33243.80	2.50	53533.90	88437.60	0.60	15867.10	2.50	49812.30	82289.50	1.61
-2.65	-1.36	ø6/ 6	2	4	9(TG)	SLV	0.30	22921.60	2.50	46551.20	58958.40	0.60	14991.30	2.50	43315.00	54859.70	2.03
-2.65	-1.36	ø6/ 6	2	4	5(TG)	SLV	0.30	36563.00	2.50	46551.20	58958.40	0.60	5505.70	2.50	43315.00	54859.70	1.27
-1.36	-0.76	ø6/ 4	2	4	17	SLU	0.30	3670.94	2.26	63209.60	63209.60	0.60	306.07	2.26	58815.30	58815.30	17.22
-1.36	-0.76	ø6/ 4	2	4	20	SLU	0.30	3815.30	2.26	63209.60	63209.60	0.60	290.19	2.26	58815.30	58815.30	16.57
-1.36	-0.76	ø6/ 4	2	4	10(TG)	SLD	0.30	27795.20	2.50	80300.80	88437.60	0.60	19151.10	2.50	74718.40	82289.50	2.89
-1.36	-0.76	ø6/ 4	2	4	6(TG)	SLD	0.30	33243.80	2.50	80300.80	88437.60	0.60	15867.10	2.50	74718.40	82289.50	2.42
-1.36	-0.76	ø6/ 4	2	4	9(TG)	SLV	0.30	22921.60	2.26	63209.60	63209.60	0.60	14991.30	2.26	58815.30	58815.30	2.76
-1.36	-0.76	ø6/ 4	2	4	5(TG)	SLV	0.30	36563.00	2.26	63209.60	63209.60	0.60	5505.70	2.26	58815.30	58815.30	1.73
-0.16	0.49	ø6/ 4	2	4	18	SLU	0.30	2770.23	2.26	63209.60	63209.60	0.60	261.16	2.26	58815.30	58815.30	22.82
-0.16	0.49	ø6/ 4	2	4	20	SLU	0.30	3343.54	2.26	63209.60	63209.60	0.60	176.33	2.26	58815.30	58815.30	18.91
-0.16	0.49	ø6/ 4	2	4	12(TG)	SLD	0.30	17409.00	2.50	80300.80	85612.20	0.60	11069.30	2.50	74718.40	79660.60	4.61
-0.16	0.49	ø6/ 4	2	4	6(TG)	SLD	0.30	28529.10	2.50	80300.80	84429.30	0.60	3591.30	2.50	74718.40	78559.90	2.81
-0.16	0.49	ø6/ 4	2	4	14(TG)	SLD	0.30	28668.30	2.50	80300.80	85517.40	0.60	3949.39	2.50	74718.40	79572.30	2.80
-0.16	0.49	ø6/ 4	2	4	11(TG)	SLV	0.30	12865.30	2.26	63209.60	63209.60	0.60	9605.47	2.26	58815.30	58815.30	4.91
-0.16	0.49	ø6/ 4	2	4	13(TG)	SLV	0.30	25806.80	2.26	63209.60	63209.60	0.60	0.01	2.26	58815.30	58815.30	2.45
0.49	3.09	ø6/10	2	4	18	SLU	0.30	2770.23	2.50	27930.70	58958.40	0.60	261.16	2.50	25989.00	54859.70	10.08
0.49	3.09	ø6/10	2	4	20	SLU	0.30	3343.54	2.50	27930.70	58958.40	0.60	176.33	2.50	25989.00	54859.70	8.35
0.49	3.09	ø6/10	2	4	12(TG)	SLD	0.30	17409.00	2.50	32120.30	85612.20	0.60	11069.30	2.50	29887.40	79660.60	1.85
0.49	3.09	ø6/10	2	4	6(TG)	SLD	0.30	28529.10	2.50	32120.30	84429.30	0.60	3591.30	2.50	29887.40	78559.90	1.13
0.49	3.09	ø6/10	2	4	14(TG)	SLD	0.30	28668.30	2.50	32120.30	85517.40	0.60	3949.39	2.50	29887.40	79572.30	1.12
0.49	3.09	ø6/10	2	4	11(TG)	SLV	0.30	12865.30	2.50	27930.70	58958.40	0.60	9605.47	2.50	25989.00	54859.70	2.17
0.49	3.09	ø6/10	2	4	13(TG)	SLV	0.30	25806.80	2.50	27930.70	58958.40	0.60	0.01	2.50	25989.00	54859.70	1.08
3.09	3.74	ø6/ 4	2	4	18	SLU	0.30	2770.23	2.26	63209.60	63209.60	0.60	261.16	2.26	58815.30	58815.30	22.82
3.09	3.74	ø6/ 4	2	4	20	SLU	0.30	3343.54	2.26	63209.60	63209.60	0.60	176.33	2.26	58815.30	58815.30	18.91
3.09	3.74	ø6/ 4	2	4	12(TG)	SLD	0.30	17409.00	2.50	80300.80	85612.20	0.60	11069.30	2.50	74718.40	79660.60	4.61
3.09	3.74	ø6/ 4	2	4	6(TG)	SLD	0.30	28529.10	2.50	80300.80	84429.30	0.60	3591.30	2.50	74718.40	78559.90	2.81
3.09	3.74	ø6/ 4	2	4	14(TG)	SLD	0.30	28668.30	2.50	80300.80	85517.40	0.60	3949.39	2.50	74718.40	79572.30	2.80
3.09	3.74	ø6/ 4	2	4	11(TG)	SLV	0.30	12865.30	2.26	63209.60	63209.60	0.60	9605.47	2.26	58815.30	58815.30	4.91
3.09	3.74	ø6/ 4	2	4	13(TG)	SLV	0.30	25806.80	2.26	63209.60	63209.60	0.60	0.01	2.26	58815.30	58815.30	2.45
4.34	4.94	ø6/ 4	2	2	18	SLU	0.30	4520.82	2.14	59674.00	59674.00	0.60	227.13	2.50	32486.30	49868.80	13.20
4.34	4.94	ø6/ 4	2	2	20	SLU	0.30	5254.24	2.14	59651.80	59651.80	0.60	64.06	2.50	32486.30	49838.30	11.35
4.34	4.94	ø6/ 4	2	2	12(TG)	SLD	0.30	17596.30	2.44	78219.30	78219.30	0.60	12507.00	2.50	37359.20	71422.30	2.99
4.34	4.94	ø6/ 4	2	2	16(TG)	SLD	0.30	30709.60	2.43	78060.90	78060.90	0.60	1381.22	2.50	37359.20	71175.10	2.54
4.34	4.94	ø6/ 4	2	2	1(TG)	SLV	0.30	13207.80	2.10	58701.40	58701.40	0.60	9120.90	2.50	32486.30	48546.20	3.56
4.34	4.94	ø6/ 4	2	2	7(TG)	SLV	0.30	26402.10	2.09	58512.20	58512.20	0.60	584.41	2.50	32486.30	48291.40	2.22
4.94	6.59	ø6/10	2	2	18	SLU	0.30	4520.82	2.50	27930.70	53543.70	0.60	227.13	2.50	12994.50	49821.40	6.18
4.94	6.59	ø6/10	2	2	20	SLU	0.30	5254.24	2.50	27930.70	53510.90	0.60	64.06	2.50	12994.50	49790.90	5.32
4.94	6.59	ø6/10	2	2	12(TG)	SLD	0.30	17596.30	2.50	32120.30	76758.50	0.60	12507.00	2.50	14943.70	71422.30	1.19
4.94	6.59	ø6/10	2	2	16(TG)	SLD	0.30	30709.60	2.50	32120.30	76492.70	0.60	1381.22	2.50	14943.70	71175.10	1.05
4.94	6.59	ø6/10	2	2	1(TG)	SLV	0.30	13207.80	2.50	27930.70	52173.20	0.60	9120.90	2.50	12994.50	48546.20	1.42
4.94	6.59	ø6/10	2	2	7(TG)	SLV	0.30	26402.10	2.50	27930.70	51899.40	0.60	584.41	2.50	12994.50	48291.40	1.06
6.59	7.19	ø6/ 4	2	2	18	SLU	0.30	4520.82	2.13	59544.30	59544.30	0.60	227.13	2.50	32486.30	49691.10	13.17
6.59	7.19	ø6/ 4	2	2	20	SLU	0.30	5254.24	2.13	59522.00	59522.00	0.60	64.06	2.50	32486.30	49660.60	11.33
6.59	7.19	ø6/ 4	2	2	12(TG)	SLD	0.30	17596.30	2.44	78219.30	78219.30	0.60	12507.00	2.50	37359.20	71422.30	2.99
6.59	7.19	ø6/ 4	2	2	16(TG)	SLD	0.30	30709.60	2.43	78060.90	78060.90	0.60	1381.22	2.50	37359.20	71175.10	2.54
6.59	7.19	ø6/ 4	2	2	1(TG)	SLV	0.30	13207.80	2.10	58701.40	58701.40	0.60	9120.90	2.50	32486.30	48546.20	3.56
6.59	7.19	ø6/ 4	2	2	7(TG)	SLV	0.30	26402.10	2.09	58512.20	58512.20	0.60	584.41	2.50	32486.30	48291.40	2.22

Pilastrata n. 6

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Acc.	Fyk <daN/cmq>	Fyd <daN/cmq>
3	R	60.00	30.00	3.60	C32/40	332.00	21.69	188.13	14.46	B450C	4500.00	3913.04
3	R	60.00	30.00	2.00	C32/40	332.00	21.69	188.13	14.46	B450C	4500.00	3913.04

Stato limite ultimo - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	α_y	My ver. <daNm>	Mz <daNm>	α_z	Mz ver. <daNm>	Nu <daN>	Myu <daNm>	Mzu <daNm>	α <grad>	ε_Y	Sic.

-3.25	19(e)	SLU	1	3	0.00	-26888.90	-169.05		-537.78	3.85		806.67	-26888.90	-11741.30	17637.50	156.09	5.15	8.186
-3.25	19(e)	SLU	1	3	0.00	-26888.90	-169.05		-537.78	3.85		806.67	-26888.90	-11741.30	17637.50	156.09	5.15	8.186
-2.81	19(e)	SLU	1	3	44.14	-26630.60	-115.07		-532.61	-31.60		-798.92	-26630.60	-11727.40	-17624.20	203.91	5.16	8.266
-2.81	19(e)	SLU	2	3	0.00	-27759.40	-98.69		-555.19	-22.51		-832.78	-27759.40	-11788.10	-17681.90	203.91	5.12	7.929
-2.37	19(e)	SLU	2	3	44.14	-27501.20	-44.22		-550.02	-37.99		-825.04	-27501.20	-11774.20	-17668.80	203.91	5.13	8.004
-2.37	19(e)	SLU	3	3	0.00	-29315.60	-29.80		-586.31	-30.41		-879.47	-29315.60	-11871.60	-17760.80	203.91	5.05	7.508
-1.93	19(e)	SLU	3	3	44.14	-29057.30	25.94		581.15	-41.40		-871.72	-29057.30	11857.70	-17747.70	336.09	5.06	7.575
-1.93	19(e)	SLU	4	3	0.00	-31851.30	40.25		637.03	-34.26		-955.54	-31851.30	12006.40	-17888.60	336.09	4.95	6.911
-1.48	19(e)	SLU	4	3	44.14	-31593.10	104.77		631.86	-54.33		-947.79	-31593.10	11993.00	-17875.30	336.09	4.96	6.967
-1.48	19(e)	SLU	5	3	0.00	-35882.20	122.55		717.64	-44.29		-1076.46	-35882.20	12216.40	-18093.40	336.09	4.81	6.134
-1.04	19(e)	SLU	5	3	44.14	-35623.90	208.36		712.48	-99.30		-1068.72	-35623.90	12202.90	-18080.40	336.09	4.82	6.179
-1.04	19(e)	SLU	6	3	0.00	-42422.90	243.50		848.46	-83.14		-1272.69	-42422.90	12555.10	-18416.10	336.09	4.57	5.189
-0.60	19(e)	SLU	6	3	44.14	-42164.70	402.37		843.29	-223.65		-1264.94	-42164.60	12541.80	-18403.60	336.09	4.58	5.220
-0.60	19(e)	SLU	7	3	0.00	-53089.90	515.55		1061.80	-223.93		-1592.70	-53089.90	13069.60	-18924.70	336.09	4.22	4.146
-0.45	19(e)	SLU	7	3	15.14	-53001.30	636.60		1060.03	-306.55		-1590.04	-53001.30	13067.10	-18920.10	336.09	4.22	4.153
3.74	5(α)	SLV	8	3	390.00	-65350.10	-413.14	1.00	-413.14	9550.89	2.07	19742.50	-65350.00	-1315.29	34478.30	101.25	5.57	1.747
4.34	3(α)	SLV	9	3	0.00	-28648.70	2777.65	1.00	2777.65	-7181.43	3.66	-26298.10	-28653.80	3272.62	-28581.60	292.50	6.91	1.088
-3.25	2(e)	SLD	1	3	0.00	-16973.00	-934.12		-934.12	84.59		509.19	-16981.10	-15454.60	8278.57	175.08	10.74	16.479
-3.25	2(e)	SLD	1	3	0.00	-16973.00	-934.12		-934.12	84.59		509.19	-16981.10	-15454.60	8278.57	175.08	10.74	16.479
-2.81	2(e)	SLD	1	3	44.14	-16774.40	-819.99		-819.99	3.19		503.23	-16774.40	-15363.70	9138.49	174.38	10.31	18.580
-2.81	6(e)	SLD	2	3	0.00	-17997.70	241.29		359.95	48.70		539.93	-17997.70	13666.60	20560.40	22.50	6.41	18.345
-2.37	6(e)	SLD	2	3	44.14	-17799.00	247.12		355.98	-14.40		-533.97	-17799.00	13654.70	-20548.00	337.50	6.42	18.550
-2.37	6(e)	SLD	3	3	0.00	-19001.20	250.05		380.02	-4.09		-570.04	-19001.20	13726.50	-20622.50	337.50	6.37	17.376
-1.93	6(e)	SLD	3	3	44.14	-18802.60	261.47		376.05	-11.61		-564.08	-18802.60	13714.60	-20610.20	337.50	6.38	17.560
-1.93	6(e)	SLD	4	3	0.00	-20622.00	268.21		412.44	-17.59		-618.66	-20622.00	13823.80	-20728.30	337.50	6.31	16.011
-1.48	6(e)	SLD	4	3	44.14	-20423.40	291.22		408.47	54.36		612.70	-20423.40	13811.80	20715.30	22.50	6.32	16.166
-1.48	6(e)	SLD	5	3	0.00	-23199.10	304.26		463.98	17.74		695.97	-23199.10	13978.10	20896.60	22.50	6.22	14.232
-1.04	6(e)	SLD	5	3	44.14	-23000.50	347.50		460.01	342.30		690.01	-23000.50	13966.20	20883.70	22.50	6.23	14.355
-1.04	6(e)	SLD	6	3	0.00	-27434.60	376.05		548.69	254.78		823.04	-27434.60	14230.70	21169.20	22.50	6.06	12.035
-0.60	6(e)	SLD	6	3	44.14	-27235.90	478.62		544.72	1355.53		1355.53	-27235.90	11018.90	26882.00	36.56	6.18	12.123
-0.60	6(e)	SLD	7	3	0.00	-34510.60	582.35		690.21	1394.99		1394.99	-34510.60	12482.90	26119.30	30.94	5.74	9.567
-0.45	6	SLD	7	3	15.14	-34442.50	698.47			2314.99			-34442.40	9448.33	30170.50	45.00	6.22	9.586
-0.16	14	SLD	8	3	-0.00	-66818.70	1548.28			-14646.00			-66818.70	4240.44	-39703.60	292.50	6.47	2.711
3.74	14(e)	SLD	8	3	390.00	-65063.70	202.66		-1301.27	11110.00		11110.00	-65065.70	-4259.25	39434.80	112.50	6.54	3.546
4.34	14	SLD	9	3	0.00	-28252.00	1489.87			-12441.30			-28252.00	3551.91	-34106.70	286.88	9.12	2.737
7.19	14	SLD	9	3	285.00	-26969.50	1091.54			10243.10			-26969.50	3540.46	33870.50	73.13	9.22	3.306

Dati per verifiche di stabilità

Xg <m>	El	l_0 <m>	λ	λ*	Xg <m>	El	l_0 <m>	λ	λ*	Xg <m>	El	l_0 <m>	λ	λ*	Xg <m>	El	l_0 <m>	λ	λ*
-0.16	8	4.50	51.96	21.19	3.74	8	4.50	51.96	21.19	4.34	9	3.45	39.84	37.56	7.19	9	3.45	39.84	37.56

Stato limite ultimo - Ferri longitudinali - Verifiche armatura - Controlli di stabilità

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	Myu,s <daNm>	Mzu,s <daNm>	α <grad>	ε_Y	Sic.
-0.16	19(e)	SLU	8	3	-0.00	-108739.00	456.24	2174.78	-1783.38	-3262.18	-108739.00	12771.00	-18690.90	336.09	2.91	2.024
7.19	13	SLV	9	3	285.00	-27015.40	989.88		9550.53		-27015.90	3229.65	27772.00	67.50	7.01	2.912

Stato limite d'esercizio - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	Mz <daNm>	My <daNm>	AfT <cmq>	AfC <cmq>	σ_c <daN/cmq>	σ_f <daN/cmq>
-3.25	21	SLE R	1	3	0.00	-19153.90	-16.31	-209.18	0.00	25.13	10.60	152.10
-3.25	29	SLE Q	1	3	0.00	-17156.80	-14.80	-215.76	0.00	25.13	9.73	138.86
-3.25	21	SLE R	1	3	0.00	-19153.90	-16.31	-209.18	0.00	25.13	10.60	152.10
-3.25	29	SLE Q	1	3	0.00	-17156.80	-14.80	-215.76	0.00	25.13	9.73	138.86
-2.81	21	SLE R	1	3	44.14	-18955.20	-26.86	-161.83	0.00	25.13	10.16	147.00
-2.81	29	SLE Q	1	3	44.14	-16958.10	-25.59	-168.04	0.00	25.13	9.29	133.73
-2.81	21	SLE R	2	3	0.00	-19756.20	-21.80	-147.46	0.00	25.13	10.39	150.91
-2.81	29	SLE Q	2	3	0.00	-17665.40	-20.86	-153.56	0.00	25.13	9.48	137.01
-2.37	21	SLE R	2	3	44.14	-19557.60	-27.61	-100.08	0.00	25.13	9.93	145.52
-2.37	29	SLE Q	2	3	44.14	-17466.80	-26.55	-105.85	0.00	25.13	9.02	131.59
-2.37	21	SLE R	3	3	0.00	-20848.80	-22.94	-87.78	0.00	25.13	10.40	153.02
-2.37	29	SLE Q	3	3	0.00	-18607.80	-22.21	-93.52	0.00	25.13	9.42	138.07
-1.93	22	SLE R	3	3	44.14	-20683.40	-28.95	75.17	0.00	25.13	10.25	151.07
-1.93	30	SLE Q	3	3	44.14	-18442.50	-27.49	69.61	0.00	25.13	9.17	135.04
-1.93	22	SLE R	4	3	0.00	-22672.10	-22.82	84.70	0.00	25.13	11.21	165.30
-1.93	30	SLE Q	4	3	0.00	-20200.20	-21.87	79.07	0.00	25.13	10.03	147.69
-1.48	22	SLE R	4	3	44.14	-22473.40	-44.02	126.51	0.00	25.13	11.56	168.98
-1.48	30	SLE Q	4	3	44.14	-20001.50	-40.27	120.83	0.00	25.13	10.36	151.21
-1.48	22	SLE R	5	3	0.00	-25527.90	-33.56	139.35	0.00	25.13	13.03	190.60
-1.48	30	SLE Q	5	3	0.00	-22701.40	-31.01	133.45	0.00	25.13	11.67	170.44
-1.04	22	SLE R	5	3	44.14	-25329.20	-99.77	197.70	0.00	25.13	13.71	198.39
-1.04	30	SLE Q	5	3	44.14	-22502.80	-87.29	191.44	0.00	25.13	12.30	177.62
-1.04	22	SLE R	6	3	0.00	-30169.80	-80.91	223.91	0.00	25.13	16.07	233.06
-1.04	30	SLE Q	6	3	0.00	-26781.60	-71.01	217.19	0.00	25.13	14.41	208.53
-0.60	24	SLE R	6	3	44.14	-29897.40	-424.61	289.90	0.00	25.13	18.00	256.95
-0.60	32	SLE Q	6	3	44.14	-26509.20	-384.19	282.04	0.00	25.13	16.20	230.57
-0.60	24	SLE R	7	3	0.00	-37626.00	-431.74	372.07	0.00	25.13	22.26	318.15
-0.60	32	SLE Q	7	3	0.00	-33335.80	-390.31	362.62	0.00	25.13	20.03	285.35
-0.45	24	SLE R	7	3	15.14	-37557.90	-664.52	459.90	0.00	25.13	23.97	339.09
-0.45	32	SLE Q	7	3	15.14	-33267.70	-600.19	448.60	0.00	25.13	21.63	304.81
-0.16	24	SLE R	8	3	-0.00	-77230.10	-3451.46	259.19	0.00	25.13	52.79	753.85
-0.16	32	SLE Q	8	3	-0.00	-68112.70	-3087.92	224.85	0.00	25.13	46.72	667.03
3.74	24	SLE R	8	3	390.00	-75475.10	4361.08	-102.03	0.00	25.13	54.68	779.50
3.74	32	SLE Q	8	3	390.00	-66357.70	3811.39	-112.70	0.00	25.13	48.16	686.14
4.34	24	SLE R	9	3	0.00	-32237.80	-8053.40	457.66	12.57	12.57	64.34	841.27
4.34	32	SLE Q	9	3	0.00	-28641.90	-6961.21	395.13	12.57	12.57	55.58	728.52
7.19	24	SLE R	9	3	285.00	-30955.30	5197.31	29.10	6.28	18.85	39.32	537.45
7.19	32	SLE Q	9	3	285.00	-27359.40	4557.34	75.61	6.28	18.85	35.03	477.82

Verifiche stato limite di formazione delle fessure

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	Mz <daNm>	c <mm>	s <mm>	K3	s_{rm} <mm>	Φ	A_s <cmq>	$A_{c\ eff}$ <cmq>	σ_s <daN/cmq>	σ_{sr} <daN/cmq>	ε_{sm}	Wk <mm>
4.34	32	SLE Q	9	3	0.00	-28641.90	395.13	-6961.21	29.00	174.00	0.13	176.32	20.00	9.42	787.11	536.53	963.83	0.10	0.03
7.19	32	SLE Q	9	3	285.00	-27359.40	75.61	4557.34	29.00	222.00	0.13	181.09	20.00	6.28	494.41	136.86	629.52	0.03	0.01

Staffe - Verifiche armatura

X0 <m>	X1 <m>	Staff.	Br_y	Br_z	CC	TCC	$bw_{,y}$ <m>	$Vsdu_{,y}$ <daN>	$ctg\theta_{,y}$	$VRsd_{,y}$ <daN>	$VRcd_{,y}$ <daN>	$bw_{,z}$ <m>	$Vsdu_{,z}$ <daN>	$ctg\theta_{,z}$	$VRsd_{,z}$ <daN>	$VRcd_{,z}$ <daN>	Sic.T
-3.25	-2.65	ø6/ 4	2	2	17	SLU	0.30	40.06	2.13	59364.60	59364.60	0.60	142.18	2.50	32486.30	49445.70	>100
-3.25	-2.65	ø6/ 4	2	2	19	SLU	0.30	80.30	2.13	59368.80	59368.80	0.60	123.41	2.50	32486.30	49451.40	>100
-3.25	-2.65	ø6/ 4	2	2	10(TG)	SLD	0.30	10620.40	2.47	79231.40	79231.30	0.60	12388.80	2.50	37359.20	73014.10	3.02
-3.25	-2.65	ø6/ 4	2	2	16(TG)	SLD	0.30	20866.30	2.47	79188.10	79188.10	0.60	8027.05	2.50	37359.20	72945.70	3.80
-3.25	-2.65	ø6/ 4	2	2	9(TG)	SLV	0.30	9864.81	2.14	59887.90	59887.90	0.60	10524.50	2.50	32486.30	50162.50	3.09
-3.25	-2.65	ø6/ 4	2	2	15(TG)	SLV	0.30	17163.30	2.14	59843.80	59843.80	0.60	6831.26	2.50	32486.30	50101.90	3.49
-2.65	-1.05	ø6/12	2	2	17	SLU	0.30	207.73	2.50	23275.60	54292.50	0.60	205.43	2.50	10828.80	50518.20	52.71
-2.65	-1.05	ø6/12	2	2	20	SLU	0.30	295.84	2.50	23275.60	54287.70	0.60	197.20	2.50	10828.80	50513.70	54.91
-2.65	-1.05	ø6/12	2	2	10(TG)	SLD	0.30	10620.40	2.50	26767.00	78469.20	0.60	12388.80	2.50	12453.10	73014.10	1.01
-2.65	-1.05	ø6/12	2	2	16(TG)	SLD	0.30	20866.30	2.50	26767.00	78395.60	0.60	8027.05	2.50	12453.10	72945.70	1.28
-2.65	-1.05	ø6/12	2	2	9(TG)	SLV	0.30	9864.81	2.50	23275.60	53910.30	0.60	10524.50	2.50	10828.80	50162.50	1.03
-2.65	-1.05	ø6/12	2	2	15(TG)	SLV	0.30	17163.30	2.50	23275.60	53845.10	0.60	6831.26	2.50	10828.80	50101.90	1.36
-1.05	-0.45	ø6/ 4	2	2	18	SLU	0.30	1229.59	2.21	61817.30	61817.30	0.60	842.22	2.50	32486.30	52859.90	38.57
-1.05	-0.45	ø6/ 4	2	2	20	SLU	0.30	1897.10	2.21	61806.10	61806.10	0.60	798.05	2.50	32486.30	52844.10	32.58
-1.05	-0.45	ø6/ 4	2	2	10(TG)	SLD	0.30	10620.40	2.47	79231.40	79231.30	0.60	12388.80	2.50	37359.20	73014.10	3.02
-1.05	-0.45	ø6/ 4	2	2	16(TG)	SLD	0.30	20866.30	2.47	79188.10	79188.10	0.60	8027.05	2.50	37359.20	72945.70	3.80
-1.05	-0.45	ø6/ 4	2	2	9(TG)	SLV	0.30	9864.81	2.14	59887.90	59887.90	0.60	10524.50	2.50	32486.30	50162.50	3.09
-1.05	-0.45	ø6/ 4	2	2	15(TG)	SLV	0.30	17163.30	2.14	59843.80	59843.80	0.60	6831.26	2.50	32486.30	50101.90	3.49
-0.16	0.49	ø6/ 4	2	2	18	SLU	0.30	2083.09	2.26	63209.60	63209.60	0.60	254.67	2.50	32486.30	54859.70	30.34
-0.16	0.49	ø6/ 4	2	2	20	SLU	0.30	2614.55	2.26	63209.60	63209.60	0.60	167.00	2.50	32486.30	54859.70	24.18
-0.16	0.49	ø6/ 4	2	2	4(TG)	SLD	0.30	14593.10	2.50	80300.80	83365.10	0.60	8676.65	2.50	37359.20	77569.70	4.31
-0.16	0.49	ø6/ 4	2	2	14(TG)	SLD	0.30	22281.90	2.50	80300.80	83529.30	0.60	2730.20	2.50	37359.20	77722.40	3.60
-0.16	0.49	ø6/ 4	2	2	3(TG)	SLV	0.30	11747.70	2.26	63095.10	63095.10	0.60	7217.68	2.50	32486.30	54693.60	4.50
-0.16	0.49	ø6/ 4	2	2	3(TG)	SLV	0.30	11751.00	2.26	63105.60	63105.60	0.60	7219.31	2.50	32486.30	54708.80	4.50
-0.16	0.49	ø6/ 4	2	2	13(TG)	SLV	0.30	19348.20	2.26	63199.80	63199.80	0.60	1216.55	2.50	32486.30	54845.50	3.27
0.49	3.09	ø6/14	2	2	18	SLU	0.30	2083.09	2.50	19950.50	58958.40	0.60	254.67	2.50	9281.80	54859.70	9.58
0.49	3.09	ø6/14	2	2	20	SLU	0.30	2614.55	2.50	19950.50	58958.40	0.60	167.00	2.50	9281.80	54859.70	7.63
0.49	3.09	ø6/14	2	2	4(TG)	SLD	0.30	14593.10	2.50	22943.10	83365.10	0.60	8676.65	2.50	10674.10	77569.70	1.23
0.49	3.09	ø6/14	2	2	14(TG)	SLD	0.30	22281.90	2.50	22943.10	83529.30	0.60	2730.20	2.50	10674.10	77722.40	1.03
0.49	3.09	ø6/14	2	2	3(TG)	SLV	0.30	11747.70	2.50	19950.50	58779.90	0.60	7217.68	2.50	9281.80	54693.60	1.29
0.49	3.09	ø6/14	2	2	3(TG)	SLV	0.30	11751.00	2.50	19950.50	58796.20	0.60	7219.31	2.50	9281.80	54708.80	1.29
0.49	3.09	ø6/14	2	2	15(TG)	SLV	0.30	19276.40	2.50	19950.50	58618.20	0.60	843.18	2.50	9281.80	54543.10	1.03
0.49	3.09	ø6/14	2	2	13(TG)	SLV	0.30	19348.20	2.50	19950.50	58943.20	0.60	1216.55	2.50	9281.80	54845.50	1.03
3.09	3.74	ø6/ 4	2	2	18	SLU	0.30	2083.09	2.26	63209.60	63209.60	0.60	254.67	2.50	32486.30	54859.70	30.34
3.09	3.74	ø6/ 4	2	2	20	SLU	0.30	2614.55	2.26	63209.60	63209.60	0.60	167.00	2.50	32486.30	54859.70	24.18
3.09	3.74	ø6/ 4	2	2	4(TG)	SLD	0.30	14593.10	2.50	80300.80	83365.10	0.60	8676.65	2.50	37359.20	77569.70	4.31
3.09	3.74	ø6/ 4	2	2	14(TG)	SLD	0.30	22281.90	2.50	80300.80	83529.30	0.60	2730.20	2.50	37359.20	77722.40	3.60
3.09	3.74	ø6/ 4	2	2	3(TG)	SLV	0.30	11747.70	2.26	63095.10	63095.10	0.60	7217.68	2.50	32486.30	54693.60	4.50
3.09	3.74	ø6/ 4	2	2	3(TG)	SLV	0.30	11751.00	2.26	63105.60	63105.60	0.60	7219.31	2.50	32486.30	54708.80	4.50
3.09	3.74	ø6/ 4	2	2	13(TG)	SLV	0.30	19348.20	2.26	63199.80	63199.80	0.60	1216.55	2.50	32486.30	54845.50	3.27
4.34	4.94	ø6/ 4	2	2	18	SLU	0.30	5961.27	2.18	61018.00	61018.00	0.60	464.62	2.50	32486.30	51732.10	10.24
4.34	4.94	ø6/ 4	2	2	20	SLU	0.30	6354.69	2.18	61013.00	61013.00	0.60	279.71	2.50	32486.30	51725.20	9.60
4.34	4.94	ø6/ 4	2	2	2(TG)	SLD	0.30	13914.00	2.45	78786.40	78786.40	0.60	10673.40	2.50	37359.20	72311.80	3.50
4.34	4.94	ø6/ 4	2	2	8(TG)	SLD	0.30	25402.10	2.45	78737.50	78737.50	0.60	3763.95	2.50	37359.20	72234.70	3.10
4.34	4.94	ø6/ 4	2	2	1(TG)	SLV	0.30	12895.30	2.13	59367.60	59367.60	0.60	8760.18	2.50	32486.30	49449.80	3.71
4.34	4.94	ø6/ 4	2	2	15(TG)	SLV	0.30	22992.40	2.13	59366.60	59366.60	0.60	593.27	2.50	32486.30	49448.30	2.58
4.94	6.59	ø6/12	2	2	18	SLU	0.30	5961.27	2.50	23275.60	55546.20	0.60	464.62	2.50	10828.80	51684.70	3.90
4.94	6.59	ø6/12	2	2	20	SLU	0.30	6354.69	2.50	23275.60	55538.80	0.60	279.71	2.50	10828.80	51677.80	3.66
4.94	6.59	ø6/12	2	2	2(TG)	SLD	0.30	13914.00	2.50	26767.00	77714.40	0.60	10673.40	2.50	12453.10	72311.80	1.17
4.94	6.59	ø6/12	2	2	8(TG)	SLD	0.30	25402.10	2.50	26767.00	77631.60	0.60	3763.95	2.50	12453.10	72234.70	1.05
4.94	6.59	ø6/12	2	2	1(TG)	SLV	0.30	12895.30	2.50	23275.60	53144.30	0.60	8760.18	2.50	10828.80	49449.80	1.24
4.94	6.59	ø6/12	2	2	15(TG)	SLV	0.30	22992.40	2.50	23275.60	53142.80	0.60	593.27	2.50	10828.80	49448.30	1.01
6.59	7.19	ø6/ 4	2	2	18	SLU	0.30	5961.27	2.18	60891.10	60891.10	0.60	464.62	2.50	32486.30	51554.40	10.21
6.59	7.19	ø6/ 4	2	2	20	SLU	0.30	6354.69	2.18	60886.10	60886.10	0.60	279.71	2.50	32486.30	51547.50	9.58
6.59	7.19	ø6/ 4	2	2	2(TG)	SLD	0.30	13914.00	2.45	78786.40	78786.40	0.60	10673.40	2.50	37359.20	72311.80	3.50
6.59	7.19	ø6/ 4	2	2	8(TG)	SLD	0.30	25402.10	2.45	78737.50	78737.50	0.60	3763.95	2.50	37359.20	72234.70	3.10
6.59	7.19	ø6/ 4	2	2	1(TG)	SLV	0.30	12895.30	2.13	59367.60	59367.60	0.60	8760.18	2.50	32486.30	49449.80	3.71
6.59	7.19	ø6/ 4	2	2	15(TG)	SLV	0.30	22992.40	2.13	59366.60	59366.60	0.60	593.27	2.50	32486.30	49448.30	2.58

Pilastrata n. 7

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Acc.	Fyk <daN/cmq>	Fyd <daN/cmq>
11	R	35.00	40.00	3.60	C32/40	332.00	21.69	188.13	14.46	B450C	4500.00	3913.04

Stato limite ultimo - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	α_y	My ver. <daNm>	Mz <daNm>	α_z	Mz ver. <daNm>	Nu <daN>	Myu <daNm>	Mzu <daNm>	α <grad>	ε_y	Sic.
-0.76	1(α)	SLV	1	11	249.00	-47653.00	-1334.69	1.00	-1334.69	1795.59	6.80	12206.60	-47653.10	-2780.93	24875.50	97.03	5.14	2.038
-0.16	13(α)	SLV	2	11	-0.00	-27139.30	-1514.10	1.00	-1514.10	-5091.07	4.40	-22397.20	-27157.30	-1954.63	-23516.00	264.38	6.69	1.051
3.74	1(α)	SLV	2	11	390.00	-25560.10	1996.02	1.00	1996.02	3105.76	1.95	6057.98	-25560.10	7111.19	21332.90	71.72	5.00	3.526
4.34	9(α)	SLV	3	11	0.00	-10131.30	-3391.83	1.00	-3391.83	-5174.94	1.70	-8776.69	-10131.30	-5445.51	-13923.40	254.53	6.59	1.589
7.19	13	SLV	3	11	285.00	-9439.01	584.19			4084.92			-9439.02	2135.78	14963.60	84.38	8.99	3.663
-3.25	14(e)	SLD	1	11	0.00	-53056.50	241.76		1061.13	358.44		1061.13	-53056.50	19190.80	19435.20	47.81	4.09	4.840
-3.25	14(e)	SLD	1	11	0.00	-53056.50	241.76		1061.13	358.44		1061.13	-53056.50	19190.80	19435.20	47.81	4.09	4.840
-0.76	14(e)	SLD	1	11	249.00	-52185.00	722.31		1043.70	2778.10		2778.10	-52185.00	9909.05	26802.90	70.31	4.67	4.921
-0.16	14	SLD	2	11	-0.00	-26914.70	-1634.26			-5392.87			-26914.70	-7388.15	-25423.30	255.94	6.23	4.698
3.74	14	SLD	2	11	390.00	-25549.70	1972.18			4556.56			-25549.70	10385.00	24062.90	68.91	5.49	5.279
4.34	14	SLD	3	11	0.00	-10400.30	-2425.78			-7044.15			-10400.30	-5830.93	-16797.30	257.34	7.99	2.387
7.19	14	SLD	3	11	285.00	-9402.76	-650.23			4417.73			-9412.80	-2827.94	17279.00	95.63	10.37	3.921

Dati per verifiche di stabilità

Xg <m>	El	l_0 <m>	λ	λ*	Xg <m>	El	l_0 <m>	λ	λ*	Xg <m>	El	l_0 <m>	λ	λ*	Xg <m>	El	l_0 <m>	λ	λ*
-3.25	1	3.09	30.58	24.84	-3.25	1	3.09	30.58	24.84	-0.76	1	3.09	30.58	24.84	-0.16	2	4.50	44.54	26.95
3.74	2	4.50	44.54	26.95															

Stato limite ultimo - Ferri longitudinali - Verifiche armatura - Controlli di stabilità

Xg <m>	CC	TCC	El Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	Myu,s <daNm>	Mzu,s <daNm>	α <grad>	ε_Y	Sic.
-3.25	20(e)	SLU	1 11	0.00	-77247.00	-30.83	-1544.94	-1939.12	-1939.12	-77246.90	-13498.60	-17490.90	233.44	2.98	2.216
-3.25	20(e)	SLU	1 11	0.00	-77247.00	-30.83	-1544.94	-1939.12	-1939.12	-77246.90	-13498.60	-17490.90	233.44	2.98	2.216

Stato limite d'esercizio - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El Sez.	X <cm>	N <daN>	Mz <daNm>	My <daNm>	AfT <cmq>	AfC <cmq>	σ_c <daN/cmq>	σ_f <daN/cmq>
-3.25	24	SLE R	1 11	0.00	-54434.50	-1386.36	-38.70	0.00	37.70	38.52	541.78
-3.25	32	SLE Q	1 11	0.00	-50830.80	-1333.66	-39.74	0.00	37.70	36.30	509.70
-3.25	24	SLE R	1 11	0.00	-54434.50	-1386.36	-38.70	0.00	37.70	38.52	541.78
-3.25	32	SLE Q	1 11	0.00	-50830.80	-1333.66	-39.74	0.00	37.70	36.30	509.70
-0.76	21	SLE R	1 11	249.00	-53556.30	1680.06	-140.46	0.00	37.70	41.06	570.15
-0.76	22	SLE R	1 11	249.00	-53205.50	1677.59	154.50	0.00	37.70	40.97	568.50
-0.76	29	SLE Q	1 11	249.00	-49952.60	1616.62	-160.51	0.00	37.70	38.89	538.80
-0.16	24	SLE R	2 11	-0.00	-31093.40	-3264.41	-436.44	15.71	21.99	45.67	583.45
-0.16	32	SLE Q	2 11	-0.00	-29024.80	-3092.40	-474.99	15.71	21.99	43.68	556.77
3.74	24	SLE R	2 11	390.00	-29728.40	3212.46	1738.11	12.57	25.13	56.91	714.05
3.74	32	SLE Q	2 11	390.00	-27659.80	3020.89	1715.50	15.71	21.99	54.26	679.50
4.34	24	SLE R	3 11	0.00	-12064.80	-4686.19	-1752.12	12.57	12.57	87.21	1472.82
4.34	32	SLE Q	3 11	0.00	-10788.80	-4340.81	-1802.81	12.57	12.57	83.11	1414.35
7.19	24	SLE R	3 11	285.00	-11067.30	2181.68	24.90	9.42	15.71	31.19	364.92
7.19	32	SLE Q	3 11	285.00	-9791.34	1992.38	45.88	12.57	12.57	28.71	337.39

Verifiche stato limite di formazione delle fessure

Xg <m>	CC	TCC	El Sez.	X <cm>	N <daN>	My <daNm>	Mz <daNm>	c <mm>	s <mm>	K3	s_{rm} <mm>	Φ	A_s <cmq>	$A_{c\ eff}$ <cmq>	σ_s <daN/cmq>	σ_{sr} <daN/cmq>	ε_{sm}	Wk <mm>
-0.16	29	SLE Q	2 11	-0.00	-28987.20	-724.65	-2837.87	29.00	80.50	0.13	128.36	20.00	12.57	681.80	135.10	413.10	0.03	0.01
3.74	32	SLE Q	2 11	390.00	-27659.80	1715.50	3020.89	29.00	80.50	0.13	128.32	20.00	12.57	681.35	315.51	545.46	0.06	0.01
4.34	32	SLE Q	3 11	0.00	-10788.80	-1802.81	-4340.81	29.00	136.00	0.13	156.55	20.00	12.57	896.66	1414.35	1125.95	0.47	0.12
7.19	32	SLE Q	3 11	285.00	-9791.34	45.88	1992.38	29.00	161.00	0.13	162.63	20.00	9.42	682.64	337.39	987.63	0.07	0.02

Staffe - Verifiche armatura

X0 <m>	X1 <m>	Staff.	Br_y	Br_z	CC	TCC	$bw_{,y}$ <m>	$Vsdu_{,y}$ <daN>	$ctg\theta_{,y}$	$VRsd_{,y}$ <daN>	$VRcd_{,y}$ <daN>	$bw_{,z}$ <m>	$Vsdu_{,z}$ <daN>	$ctg\theta_{,z}$	$VRsd_{,z}$ <daN>	$VRcd_{,z}$ <daN>	Sic.T
-3.25	-2.80	ø6/ 6	4	2	17	SLU	0.40	1690.99	2.26	46721.80	46721.80	0.35	40.95	2.50	29955.40	44262.60	27.63
-3.25	-2.80	ø6/ 6	4	2	20	SLU	0.40	1816.54	2.26	46721.80	46721.80	0.35	2.91	2.50	29955.40	44262.60	25.72
-3.25	-2.80	ø6/ 6	4	2	2(TG)	SLD	0.40	17360.00	2.50	59354.90	61605.60	0.35	16616.70	2.50	34448.70	62571.30	2.07
-3.25	-2.80	ø6/ 6	4	2	16(TG)	SLD	0.40	20495.70	2.50	59354.90	61197.20	0.35	12257.90	2.50	34448.70	62156.50	2.81
-3.25	-2.80	ø6/ 6	4	2	14(TG)	SLD	0.40	20563.50	2.50	59354.90	61669.70	0.35	12585.30	2.50	34448.70	62636.40	2.74
-3.25	-2.80	ø6/ 6	4	2	1(TG)	SLV	0.40	14911.50	2.24	46275.80	46275.80	0.35	13169.90	2.50	29955.40	43559.00	2.27
-3.25	-2.80	ø6/ 6	4	2	1(TG)	SLV	0.40	14985.90	2.26	46620.20	46620.20	0.35	13297.30	2.50	29955.40	44101.80	2.25
-3.25	-2.80	ø6/ 6	4	2	15(TG)	SLV	0.40	21411.00	2.25	46386.70	46386.80	0.35	3436.91	2.50	29955.40	43733.40	2.17
-2.80	-1.21	ø6/12	4	2	17	SLU	0.40	1690.99	2.50	25806.50	43579.50	0.35	40.95	2.50	14977.70	44262.60	15.26
-2.80	-1.21	ø6/12	4	2	20	SLU	0.40	1816.54	2.50	25806.50	43579.50	0.35	2.91	2.50	14977.70	44262.60	14.21
-2.80	-1.21	ø6/12	4	2	2(TG)	SLD	0.40	17360.00	2.50	29677.40	61605.60	0.35	16616.70	2.50	17224.40	62571.30	1.04
-2.80	-1.21	ø6/12	4	2	16(TG)	SLD	0.40	20495.70	2.50	29677.40	61197.20	0.35	12257.90	2.50	17224.40	62156.50	1.41
-2.80	-1.21	ø6/12	4	2	14(TG)	SLD	0.40	20563.50	2.50	29677.40	61669.70	0.35	12585.30	2.50	17224.40	62636.40	1.37
-2.80	-1.21	ø6/12	4	2	1(TG)	SLV	0.40	14911.50	2.50	25806.50	42886.70	0.35	13169.90	2.50	14977.70	43559.00	1.14
-2.80	-1.21	ø6/12	4	2	1(TG)	SLV	0.40	14985.90	2.50	25806.50	43421.20	0.35	13297.30	2.50	14977.70	44101.80	1.13
-2.80	-1.21	ø6/12	4	2	15(TG)	SLV	0.40	21411.00	2.50	25806.50	43058.50	0.35	3436.91	2.50	14977.70	43733.40	1.21
-1.21	-0.76	ø6/ 6	4	2	17	SLU	0.40	1690.99	2.26	46721.80	46721.80	0.35	40.95	2.50	29955.40	44262.60	27.63
-1.21	-0.76	ø6/ 6	4	2	20	SLU	0.40	1816.54	2.26	46721.80	46721.80	0.35	2.91	2.50	29955.40	44262.60	25.72
-1.21	-0.76	ø6/ 6	4	2	2(TG)	SLD	0.40	17360.00	2.50	59354.90	61605.60	0.35	16616.70	2.50	34448.70	62571.30	2.07
-1.21	-0.76	ø6/ 6	4	2	16(TG)	SLD	0.40	20495.70	2.50	59354.90	61197.20	0.35	12257.90	2.50	34448.70	62156.50	2.81
-1.21	-0.76	ø6/ 6	4	2	14(TG)	SLD	0.40	20563.50	2.50	59354.90	61669.70	0.35	12585.30	2.50	34448.70	62636.40	2.74
-1.21	-0.76	ø6/ 6	4	2	1(TG)	SLV	0.40	14911.50	2.24	46275.80	46275.80	0.35	13169.90	2.50	29955.40	43559.00	2.27
-1.21	-0.76	ø6/ 6	4	2	1(TG)	SLV	0.40	14985.90	2.26	46620.20	46620.20	0.35	13297.30	2.50	29955.40	44101.80	2.25
-1.21	-0.76	ø6/ 6	4	2	15(TG)	SLV	0.40	21411.00	2.25	46386.70	46386.80	0.35	3436.91	2.50	29955.40	43733.40	2.17
-0.16	0.49	ø6/ 6	4	2	17	SLU	0.40	2250.46	2.22	45931.40	45931.40	0.35	882.91	2.50	29955.40	43020.20	20.41
-0.16	0.49	ø6/ 6	4	2	20	SLU	0.40	2359.89	2.22	45934.70	45934.70	0.35	823.15	2.50	29955.40	43025.50	19.46
-0.16	0.49	ø6/ 6	4	2	6(TG)	SLD	0.40	9092.17	2.47	58527.30	58527.30	0.35	9905.82	2.50	34448.70	58846.20	3.48
-0.16	0.49	ø6/ 6	4	2	16(TG)	SLD	0.40	13419.30	2.47	58629.70	58629.70	0.35	6089.78	2.50	34448.70	59023.10	4.37
-0.16	0.49	ø6/ 6	4	2	5(TG)	SLV	0.40	8062.65	2.14	44244.90	44244.90	0.35	8198.08	2.50	29955.40	40440.30	3.65
-0.16	0.49	ø6/ 6	4	2	5(TG)	SLV	0.40	8160.87	2.16	44597.10	44597.10	0.35	8261.74	2.50	29955.40	40971.20	3.63
-0.16	0.49	ø6/ 6	4	2	15(TG)	SLV	0.40	13079.90	2.16	44563.00	44563.00	0.35	1837.46	2.50	29955.40	40919.60	3.41
0.49	3.09	ø6/20	4	2	17	SLU	0.40	2250.46	2.50	15483.90	42315.50	0.35	882.91	2.50	8986.63	42978.80	6.88
0.49	3.09	ø6/20	4	2	20	SLU	0.40	2359.89	2.50	15483.90	42320.70	0.35	823.15	2.50	8986.63	42984.10	6.56
0.49	3.09	ø6/20	4	2	6(TG)	SLD	0.40	9092.17	2.50	17806.50	57938.00	0.35	9905.82	2.50	10334.60	58846.20	1.04
0.49	3.09	ø6/20	4	2	16(TG)	SLD	0.40	13419.30	2.50	17806.50	58112.20	0.35	6089.78	2.50	10334.60	59023.10	1.33
0.49	3.09	ø6/20	4	2	5(TG)	SLV	0.40	8062.65	2.50	15483.90	39816.20	0.35	8198.08	2.50	8986.63	40440.30	1.10
0.49	3.09	ø6/20	4	2	5(TG)	SLV	0.40	8160.87	2.50	15483.90	40338.80	0.35	8261.74	2.50	8986.63	40971.20	1.09
0.49	3.09	ø6/20	4	2	15(TG)	SLV	0.40	13079.90	2.50	15483.90	40288.10	0.35	1837.46	2.50	8986.63	40919.60	1.18
3.09	3.74	ø6/ 6	4	2	17	SLU	0.40	2250.46	2.22	45798.30	45798.30	0.35	882.91	2.50	29955.40	42813.20	20.35
3.09	3.74	ø6/ 6	4	2	20	SLU	0.40	2359.89	2.22	45801.70	45801.70	0.35	823.15	2.50	29955.40	42818.40	19.41
3.09	3.74	ø6/ 6	4	2	6(TG)	SLD	0.40	9092.17	2.47	58527.30	58527.30	0.35	9905.82	2.50	34448.70	58846.20	3.48
3.09	3.74	ø6/ 6	4	2	16(TG)	SLD	0.40	13419.30	2.47	58629.70	58629.70	0.35	6089.78	2.50	34448.70	59023.10	4.37
3.09	3.74	ø6/ 6	4	2	5(TG)	SLV	0.40	8062.65	2.14	44244.90	44244.90	0.35	8198.08	2.50	29955.40	40440.30	3.65
3.09	3.74	ø6/ 6	4	2	5(TG)	SLV	0.40	8160.87	2.16	44597.10	44597.10	0.35	8261.74	2.50	29955.40	40971.20	3.63
3.09	3.74	ø6/ 6	4	2	15(TG)	SLV	0.40	13079.90	2.16	44563.00	44563.00	0.35	1837.46	2.50	29955.40	40919.60	3.41
4.34	4.82	ø6/ 6	2	2	17	SLU	0.40	3185.27	2.50	25806.50	38592.10	0.35	1030.34	2.50	29955.40	39197.00	8.10
4.34	4.82	ø6/ 6	2	2	20	SLU	0.40	3366.17	2.50	25806.50	38584.90	0.35	919.58	2.50	29955.40	39189.80	7.67
4.34	4.82	ø6/ 6	2	2	2(TG)	SLD	0.40	8685.81	2.50	29677.40	55920.00	0.35	11399.00	2.50	34448.70	56796.50	3.02
4.34	4.82	ø6/ 6	2	2	8(TG)	SLD	0.40	13252.20	2.50	29677.40	55823.40	0.35	3459.36	2.50	34448.70	56698.40	2.24
4.34	4.82	ø6/ 6	2	2	13(TG)	SLV	0.40	7607.84	2.50	25806.50	37617.70	0.35	7634.52	2.50	29955.40	38207.40	3.39
4.34	4.82	ø6/ 6	2	2	13(TG)	SLV	0.40	11513.30	2.50	25806.50	37712.10	0.35	2191.76	2.50	29955.40	38303.30	2.24
4.82	6.71	ø6/12	2	2	17	SLU	0.40	3185.27	2.50	12903.20	38562.30	0.35	1030.34	2.50	14977.70	39166.80	4.05
4.82	6.71	ø6/12	2	2	20	SLU	0.40	3366.17	2.50	12903.20	38555.10	0.35	919.58	2.50	14977.70	39159.50	3.83
4.82	6.71	ø6/12	2	2	2(TG)	SLD	0.40	8685.81	2.50	14838.70	55920.00	0.35	11399.00	2.50	17224.40	56796.50	1.51
4.82	6.71	ø6/12	2	2	8(TG)	SLD	0.40	13252.20	2.50	14838.70	55823.40	0.35	3459.36	2.50	17224.40	56698.40	1.12
4.82	6.71	ø6/12	2	2	13(TG)	SLV	0.40	7607.84	2.50	12903.20	37617.70	0.35	7634.52	2.50	14977.70	38207.40	1.70
4.82	6.71	ø6/12	2	2	13(TG)	SLV	0.40	11513.30	2.50	12903.20	37712.10	0.35	2191.76	2.50	14977.70	38303.30	1.12
6.71	7.19	ø6/ 6	2	2	17	SLU	0.40	3185.27	2.50	25806.50	38443.10	0.35	1030.34	2.50	29955.40	39045.70	8.10
6.71	7.19	ø6/ 6	2	2	20	SLU	0.40	3366.17	2.50	25806.50	38435.90	0.35	919.58	2.50	29955.40	39038.40	7.67
6.71	7.19	ø6/ 6	2	2	2(TG)	SLD	0.40	8685.81	2.50	29677.40	55920.00	0.35	11399.00	2.50	34448.70	56796.50	3.02

6.71	7.19	ø6/ 6	2	2	8 (TG)	SLD	0.40	13252.20	2.50	29677.40	55823.40	0.35	3459.36	2.50	34448.70	56698.40	2.24
6.71	7.19	ø6/ 6	2	2	13 (TG)	SLV	0.40	7607.84	2.50	25806.50	37617.70	0.35	7634.52	2.50	29955.40	38207.40	3.39
6.71	7.19	ø6/ 6	2	2	13 (TG)	SLV	0.40	11513.30	2.50	25806.50	37712.10	0.35	2191.76	2.50	29955.40	38303.30	2.24

Pilastrata n. 8

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Acc.	Fyk <daN/cmq>	Fyd <daN/cmq>
2	R	80.00	30.00	3.80	C32/40	332.00	21.69	188.13	14.46	B450C	4500.00	3913.04
2	R	80.00	30.00	2.00	C32/40	332.00	21.69	188.13	14.46	B450C	4500.00	3913.04

Stato limite ultimo - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	α_y	My ver. <daNm>	Mz <daNm>	α_z	Mz ver. <daNm>	Nu <daN>	Myu <daNm>	Mzu <daNm>	α <grad>	ε_Y	Sic.
-3.25	19(e)	SLU	1	2	0.00	-25905.30	69.47		518.11	31.38		1036.21	-25905.40	16165.50	32038.50	15.47	5.44	11.329
-3.25	19(e)	SLU	1	2	0.00	-25905.30	69.47		518.11	31.38		1036.21	-25905.40	16165.50	32038.50	15.47	5.44	11.329
-2.81	19(e)	SLU	1	2	44.14	-25561.00	74.01		511.22	2.28		1022.44	-25561.00	16145.70	32010.90	15.47	5.45	11.482
-2.81	19(e)	SLU	2	2	0.00	-26645.60	75.37		532.91	1.86		1065.82	-26645.60	16208.10	32097.90	15.47	5.42	11.015
-2.37	19(e)	SLU	2	2	44.14	-26301.30	81.03		526.03	-6.13		-1052.05	-26301.30	16188.30	-32070.30	344.53	5.43	11.159
-2.37	19(e)	SLU	3	2	0.00	-28012.40	83.19		560.25	-8.74		-1120.50	-28012.40	16286.50	-32207.20	344.53	5.38	10.477
-1.93	19(e)	SLU	3	2	44.14	-27668.10	91.20		553.36	10.26		1106.73	-27668.10	16266.80	32179.70	15.47	5.39	10.607
-1.93	19(e)	SLU	4	2	0.00	-30195.30	94.83		603.90	3.21		1207.81	-30195.30	16411.60	32381.20	15.47	5.31	9.720
-1.48	19(e)	SLU	4	2	44.14	-29851.00	107.18		597.02	73.60		1194.04	-29851.00	16391.90	32353.80	15.47	5.32	9.832
-1.48	19(e)	SLU	5	2	0.00	-33493.60	112.97		669.87	60.27		1339.74	-33493.60	16600.00	32642.60	15.47	5.22	8.763
-1.04	19(e)	SLU	5	2	44.14	-33149.20	132.70		662.99	247.88		1325.97	-33149.30	16580.30	32615.40	15.47	5.23	8.854
-1.04	19(e)	SLU	6	2	0.00	-38306.00	142.12		766.12	229.88		1532.24	-38306.00	16873.60	33020.80	15.47	5.08	7.662
-0.60	5	SLV	6	2	44.14	-22945.90	471.27			-8761.07			-22945.90	2985.16	-54778.70	292.50	8.55	6.253
-0.60	5	SLV	7	2	0.00	-26682.30	535.78			-8997.57			-26682.30	2935.16	-55673.10	292.50	8.30	6.185
-0.45	13	SLV	7	2	15.14	-26867.90	599.84			12048.80			-26867.90	2932.64	55717.40	67.50	8.29	4.625
3.74	1(α)	SLV	8	2	390.00	-55771.00	-444.19	1.00	-444.19	-4564.95	13.48	-61515.40	-55771.00	-0.00	-62970.60	270.00	8.25	1.024
4.34	9(α)	SLV	9	2	0.00	-4125.96	2908.74	1.00	2908.74	-2426.38	5.76	-13981.00	-4125.97	6232.24	-31971.10	315.00	8.60	2.281
7.50	1	SLV	9	2	316.00	-2230.61	-3224.65			1269.38			-2230.62	-12204.70	4731.22	178.77	16.00	3.777
-3.25	14(e)	SLD	1	2	0.00	-17735.40	154.55		354.71	794.92		794.92	-17735.50	17896.00	40609.60	16.88	6.45	24.822
-3.25	14(e)	SLD	1	2	0.00	-17735.40	154.55		354.71	794.92		794.92	-17735.50	17896.00	40609.60	16.88	6.45	24.822
-2.81	14(e)	SLD	1	2	44.14	-17470.60	170.28		349.41	355.83		698.82	-17471.30	18779.30	36804.80	14.06	6.63	25.198
-2.81	14(e)	SLD	2	2	0.00	-18085.00	174.84		361.70	350.33		723.40	-18113.80	18833.70	36846.20	14.06	6.61	24.342
-2.37	14(e)	SLD	2	2	44.14	-17820.10	193.77		356.40	218.82		712.80	-17833.00	18809.90	36828.20	14.06	6.62	24.704
-2.37	14(e)	SLD	3	2	0.00	-18851.30	200.34		377.03	193.95		754.05	-18872.60	18897.90	36895.00	14.06	6.59	23.353
-1.93	14(e)	SLD	3	2	44.14	-18586.40	225.54		371.73	448.70		743.46	-18610.20	18875.70	36878.20	14.06	6.60	23.686
-1.93	14(e)	SLD	4	2	0.00	-20186.10	235.79		403.72	372.52		807.45	-20197.10	19009.90	36979.60	14.06	6.55	21.809
-1.48	14(e)	SLD	4	2	44.14	-19921.30	272.57		398.43	1369.20		1369.20	-19921.30	14193.10	50691.90	28.13	6.58	22.099
-1.48	14(e)	SLD	5	2	0.00	-22309.50	288.19		446.19	1216.12		1216.12	-22309.50	17000.00	44777.80	19.69	6.28	19.733
-1.04	6(e)	SLD	5	2	44.14	-20085.60	369.69		401.71	-3903.68		-3903.68	-20085.60	6664.06	-61145.40	303.75	8.81	15.674
-1.04	6(e)	SLD	6	2	0.00	-25320.60	397.46		506.41	-3699.95		-3699.95	-25320.70	8132.55	-60719.60	309.38	8.06	16.404
-0.60	6	SLD	6	2	44.14	-22824.80	508.58			-9732.22			-22824.80	4385.44	-63645.80	292.50	10.18	6.546
-0.60	6	SLD	7	2	0.00	-26497.60	578.30			-9994.89			-26497.60	4342.43	-64610.20	292.50	9.96	6.468
-0.45	6	SLD	7	2	15.14	-26406.80	698.10			-13342.80			-26406.80	4343.51	-64586.40	292.50	9.97	4.845
-0.16	6	SLD	8	2	-0.00	-56557.30	1642.26			-52629.60			-56557.30	1886.40	-73435.20	281.25	9.78	1.395
3.74	6(e)	SLD	8	2	390.00	-54217.30	-206.77		-1084.35	30090.00		30090.00	-54217.40	-1903.52	72877.60	101.25	9.92	2.421
4.34	10	SLD	9	2	0.00	-4095.76	3022.91			-2488.33			-4106.40	14361.50	-11586.30	357.19	14.56	4.713
7.50	2	SLD	9	2	316.00	-2200.47	-3364.98			1459.03			-2249.10	-14295.70	5961.90	178.77	17.93	4.223

Dati per verifiche di stabilità

Xg <m>	El	l_0 <m>	λ	λ^*
-0.16	8	4.50	51.96	32.75
3.74	8	4.50	51.96	32.75

Stato limite ultimo - Ferri longitudinali - Verifiche armatura - Controlli di stabilità

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	Myu,s <daNm>	Mzu,s <daNm>	α <grad>	ε_Y	Sic.
-0.16	5	SLV	8	2	-0.00	-56851.00	1521.05		-47384.70		-56851.00	2946.29	-60255.30	292.50	6.71	1.272

Stato limite d'esercizio - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	Mz <daNm>	My <daNm>	AfT <cmq>	AfC <cmq>	σ_c <daN/cmq>	σ_f <daN/cmq>
-3.25	22	SLE R	1	2	0.00	-18250.20	-18.70	90.11	0.00	37.70	6.77	99.21
-3.25	30	SLE Q	1	2	0.00	-16747.80	-13.78	87.94	0.00	37.70	6.23	91.30
-3.25	22	SLE R	1	2	0.00	-18250.20	-18.70	90.11	0.00	37.70	6.77	99.21
-3.25	30	SLE Q	1	2	0.00	-16747.80	-13.78	87.94	0.00	37.70	6.23	91.30
-2.81	22	SLE R	1	2	44.14	-17985.30	-17.28	97.49	0.00	37.70	6.72	98.34
-2.81	30	SLE Q	1	2	44.14	-16482.90	-14.58	94.63	0.00	37.70	6.19	90.45
-2.81	22	SLE R	2	2	0.00	-18753.00	-17.32	99.63	0.00	37.70	6.99	102.37
-2.81	30	SLE Q	2	2	0.00	-17170.60	-14.50	96.59	0.00	37.70	6.43	94.07
-2.37	22	SLE R	2	2	44.14	-18488.10	-16.38	108.48	0.00	37.70	6.96	101.62
-2.37	30	SLE Q	2	2	44.14	-16905.70	-14.57	104.69	0.00	37.70	6.39	93.30
-2.37	22	SLE R	3	2	0.00	-19696.10	-17.05	111.59	0.00	37.70	7.38	107.97
-2.37	30	SLE Q	3	2	0.00	-17987.90	-15.09	107.60	0.00	37.70	6.78	98.99
-1.93	22	SLE R	3	2	44.14	-19431.30	-16.43	123.44	0.00	37.70	7.37	107.44
-1.93	30	SLE Q	3	2	44.14	-17723.00	-14.77	118.57	0.00	37.70	6.76	98.41
-1.93	22	SLE R	4	2	0.00	-21211.50	-17.67	128.35	0.00	37.70	8.00	116.83
-1.93	30	SLE Q	4	2	0.00	-19317.70	-15.92	123.21	0.00	37.70	7.33	106.83
-1.48	22	SLE R	4	2	44.14	-20946.60	-18.14	145.85	0.00	37.70	8.02	116.73
-1.48	30	SLE Q	4	2	44.14	-19052.90	-15.99	139.57	0.00	37.70	7.34	106.64
-1.48	22	SLE R	5	2	0.00	-23508.40	-19.97	153.47	0.00	37.70	8.94	130.28
-1.48	30	SLE Q	5	2	0.00	-21347.40	-17.76	146.79	0.00	37.70	8.17	118.81
-1.04	24	SLE R	5	2	44.14	-23164.50	-280.82	101.61	0.00	37.70	9.11	133.17
-1.04	32	SLE Q	5	2	44.14	-21003.50	-277.04	93.23	0.00	37.70	8.32	121.53
-1.04	24	SLE R	6	2	0.00	-26767.20	-269.40	108.84	0.00	37.70	10.34	151.54

-1.04	32	SLE	Q	6	2	0.00	-24228.80	-265.56	99.77	0.00	37.70	9.42	137.94	
-0.60	24	SLE	R	6	2	44.14	-26502.30	-671.75	136.07	0.00	37.70	11.37	164.84	
-0.60	31	SLE	Q	6	2	44.14	-24117.90	669.89	115.50	0.00	37.70	10.43	151.29	
-0.60	24	SLE	R	7	2	0.00	-31267.30	-690.46	154.19	0.00	37.70	13.13	190.81	
-0.60	31	SLE	Q	7	2	0.00	-28470.90	687.68	130.55	0.00	37.70	12.03	174.92	
-0.45	23	SLE	R	7	2	15.14	-31416.30	926.92	173.96	0.00	37.70	13.86	200.43	
-0.45	24	SLE	R	7	2	15.14	-31176.50	-904.30	186.27	0.00	37.70	13.80	199.36	
-0.45	31	SLE	Q	7	2	15.14	-28380.00	935.13	157.34	0.00	37.70	12.75	184.17	
-0.16	24	SLE	R	8	2	-0.00	-66102.40	-3709.91	436.78	0.00	37.70	33.72	482.39	
-0.16	32	SLE	Q	8	2	-0.00	-59325.70	-3657.86	397.43	0.00	37.70	31.07	443.72	
3.74	24	SLE	R	8	2	390.00	-63762.40	4138.27	-326.75	0.00	37.70	33.24	476.43	
3.74	32	SLE	Q	8	2	390.00	-56985.70	3875.31	-341.26	0.00	37.70	30.43	434.84	
4.34	23	SLE	R	9	2	0.00	-4410.80	-2575.90	1829.77	15.71	9.42	33.80	699.35	
4.34	22	SLE	R	9	2	0.00	-4445.40	-2286.49	1930.56	15.71	9.42	33.36	701.00	
4.34	31	SLE	Q	9	2	0.00	-4427.83	-2285.03	1773.13	15.71	9.42	31.58	648.90	
7.50	23	SLE	R	9	2	316.00	-2514.80	-821.78	-1864.22	12.57	12.57	24.58	616.17	
7.50	22	SLE	R	9	2	316.00	-2549.40	-532.40	-2022.67	12.57	12.57	24.56	644.08	
7.50	31	SLE	Q	9	2	316.00	-2531.83	-758.06	-1821.90	12.57	12.57	23.77	595.31	

Verifiche stato limite di formazione delle fessure

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	Mz <daNm>	c <mm>	s <mm>	K3	s_{rm} <mm>	Φ	A_s <cmq>	$A_{c\ eff}$ <cmq>	σ_s <daN/cmq>	σ_{sr} <daN/cmq>	ε_{sm}	Wk <mm>
4.34	30	SLE Q	9	2	0.00	-4462.43	1873.92	-1995.62	29.00	240.67	0.13	207.53	20.00	12.57	1274.13	652.00	1520.50	0.13	0.04
7.50	30	SLE Q	9	2	316.00	-2566.43	-1980.35	-468.68	29.00	240.67	0.13	207.53	20.00	12.57	1274.13	623.40	1729.93	0.12	0.04

Staffe - Verifiche armatura

X0 <m>	X1 <m>	Staff.	Br_y	Br_z	CC	TCC	$bw_{,y}$ <m>	$Vsdu_{,y}$ <daN>	$ctg\theta_{,y}$	$VRsd_{,y}$ <daN>	$VRcd_{,y}$ <daN>	$bw_{,z}$ <m>	$Vsdu_{,z}$ <daN>	$ctg\theta_{,z}$	$VRsd_{,z}$ <daN>	$VRcd_{,z}$ <daN>	Sic.T
-3.25	-2.45	ø8/ 4	2	4	18	SLU	0.30	1.82	1.43	96127.70	96127.70	0.80	24.33	1.75	80676.00	80676.00	>100
-3.25	-2.45	ø8/ 4	2	4	20	SLU	0.30	71.75	1.43	96116.90	96116.90	0.80	13.20	1.75	80667.90	80667.90	>100
-3.25	-2.45	ø8/ 4	2	4	12(TG)	SLD	0.30	24567.10	1.70	131949.00	131949.00	0.80	15962.60	2.05	108920.00	108920.00	5.37
-3.25	-2.45	ø8/ 4	2	4	14(TG)	SLD	0.30	43159.80	1.70	131692.00	131692.00	0.80	7380.71	2.05	108724.00	108724.00	3.05
-3.25	-2.45	ø8/ 4	2	4	11(TG)	SLV	0.30	21224.80	1.43	96477.60	96477.50	0.80	13374.20	1.75	80937.60	80937.60	4.55
-3.25	-2.45	ø8/ 4	2	4	5(TG)	SLV	0.30	35544.40	1.43	96168.70	96168.70	0.80	6830.16	1.75	80706.60	80706.60	2.71
-2.45	-1.25	ø8/16	2	4	18	SLU	0.30	1.82	2.50	42098.00	71558.30	0.80	75.83	2.50	28876.70	65446.20	>100
-2.45	-1.25	ø8/16	2	4	19	SLU	0.30	425.00	2.50	42098.00	71564.80	0.80	44.69	2.50	28876.70	65452.20	99.05
-2.45	-1.25	ø8/16	2	4	12(TG)	SLD	0.30	24567.10	2.50	48412.70	104217.00	0.80	15962.60	2.50	33208.20	95315.10	1.97
-2.45	-1.25	ø8/16	2	4	14(TG)	SLD	0.30	43159.80	2.50	48412.70	103915.00	0.80	7380.71	2.50	33208.20	95038.80	1.12
-2.45	-1.25	ø8/16	2	4	11(TG)	SLV	0.30	21224.80	2.50	42098.00	70877.60	0.80	13374.20	2.50	28876.70	64823.70	1.98
-2.45	-1.25	ø8/16	2	4	5(TG)	SLV	0.30	35544.40	2.50	42098.00	70573.00	0.80	6830.16	2.50	28876.70	64545.10	1.18
-1.25	-0.45	ø8/ 4	2	4	18	SLU	0.30	117.86	1.47	98835.30	98835.30	0.80	445.89	1.79	82703.00	82703.00	>100
-1.25	-0.45	ø8/ 4	2	4	19	SLU	0.30	1682.22	1.47	98849.10	98849.10	0.80	274.68	1.79	82713.30	82713.30	58.76
-1.25	-0.45	ø8/ 4	2	4	12(TG)	SLD	0.30	24567.10	1.70	131949.00	131949.00	0.80	15962.60	2.05	108920.00	108920.00	5.37
-1.25	-0.45	ø8/ 4	2	4	14(TG)	SLD	0.30	43159.80	1.70	131692.00	131692.00	0.80	7380.71	2.05	108724.00	108724.00	3.05
-1.25	-0.45	ø8/ 4	2	4	11(TG)	SLV	0.30	21224.80	1.43	96477.60	96477.50	0.80	13374.20	1.75	80937.60	80937.60	4.55
-1.25	-0.45	ø8/ 4	2	4	5(TG)	SLV	0.30	35544.40	1.43	96168.70	96168.70	0.80	6830.16	1.75	80706.60	80706.60	2.71
-0.16	0.64	ø8/ 4	2	4	18	SLU	0.30	857.49	1.56	105287.00	105287.00	0.80	351.09	1.90	87555.80	87555.80	>100
-0.16	0.64	ø8/ 4	2	4	20	SLU	0.30	2259.68	1.56	105287.00	105287.00	0.80	259.76	1.90	87555.80	87555.80	46.59
-0.16	0.64	ø8/ 4	2	4	4(TG)	SLD	0.30	29794.80	1.75	135470.00	135470.00	0.80	9498.29	2.10	111598.00	111598.00	4.55
-0.16	0.64	ø8/ 4	2	4	14(TG)	SLD	0.30	41696.50	1.75	135833.00	135833.00	0.80	1662.15	2.11	111875.00	111875.00	3.26
-0.16	0.64	ø8/ 4	2	4	3(TG)	SLV	0.30	24049.40	1.49	100645.00	100645.00	0.80	8307.70	1.82	84060.80	84060.80	4.18
-0.16	0.64	ø8/ 4	2	4	13(TG)	SLV	0.30	36014.20	1.50	101028.00	101028.00	0.80	376.15	1.83	84348.90	84348.90	2.81
0.64	2.94	ø8/18	2	4	18	SLU	0.30	857.49	2.50	37420.50	79977.40	0.80	351.09	2.50	25668.20	73146.20	43.64
0.64	2.94	ø8/18	2	4	20	SLU	0.30	2259.68	2.50	37420.50	79977.40	0.80	259.76	2.50	25668.20	73146.20	16.56
0.64	2.94	ø8/18	2	4	4(TG)	SLD	0.30	29794.80	2.50	43033.50	108408.00	0.80	9498.29	2.50	29518.40	99148.10	1.44
0.64	2.94	ø8/18	2	4	14(TG)	SLD	0.30	41696.50	2.50	43033.50	108846.00	0.80	1662.15	2.50	29518.40	99549.00	1.03
0.64	2.94	ø8/18	2	4	3(TG)	SLV	0.30	24049.40	2.50	37420.50	75082.90	0.80	8307.70	2.50	25668.20	68669.70	1.56
0.64	2.94	ø8/18	2	4	13(TG)	SLV	0.30	36014.20	2.50	37420.50	75478.70	0.80	376.15	2.50	25668.20	69031.80	1.04
2.94	3.74	ø8/ 4	2	4	18	SLU	0.30	857.49	1.56	105287.00	105287.00	0.80	351.09	1.90	87555.80	87555.80	>100
2.94	3.74	ø8/ 4	2	4	20	SLU	0.30	2259.68	1.56	105287.00	105287.00	0.80	259.76	1.90	87555.80	87555.80	46.59
2.94	3.74	ø8/ 4	2	4	4(TG)	SLD	0.30	29794.80	1.75	135470.00	135470.00	0.80	9498.29	2.10	111598.00	111598.00	4.55
2.94	3.74	ø8/ 4	2	4	14(TG)	SLD	0.30	41696.50	1.75	135833.00	135833.00	0.80	1662.15	2.11	111875.00	111875.00	3.26
2.94	3.74	ø8/ 4	2	4	3(TG)	SLV	0.30	24049.40	1.49	100645.00	100645.00	0.80	8307.70	1.82	84060.80	84060.80	4.18
2.94	3.74	ø8/ 4	2	4	13(TG)	SLV	0.30	36014.20	1.50	101028.00	101028.00	0.80	376.15	1.83	84348.90	84348.90	2.81
4.34	5.14	ø8/ 4	2	4	18	SLU	0.30	779.64	1.38	92991.10	92991.10	0.80	1627.52	1.70	78335.70	78335.70	48.13
4.34	5.14	ø8/ 4	2	4	19	SLU	0.30	779.65	1.38	92985.70	92985.70	0.80	1545.48	1.70	78331.70	78331.70	50.68
4.34	5.14	ø8/ 4	2	4	12(TG)	SLD	0.30	3922.00	1.66	128658.00	128658.00	0.80	10074.00	2.00	106421.00	106421.00	10.56
4.34	5.14	ø8/ 4	2	4	14(TG)	SLD	0.30	21405.70	1.66	128626.00	128626.00	0.80	8450.43	2.00	106397.00	106397.00	6.01
4.34	5.14	ø8/ 4	2	4	15(TG)	SLV	0.30	7727.58	1.37	92512.60	92512.60	0.80	8465.81	1.69	77979.40	77979.40	9.21
4.34	5.14	ø8/ 4	2	4	9(TG)	SLV	0.30	22195.30	1.37	92538.80	92538.80	0.80	4334.47	1.69	77999.00	77999.00	4.17
5.14	6.70	ø8/24	2	4	18	SLU	0.30	779.64	2.50	28065.40	67403.70	0.80	1627.52	2.50	19251.10	61646.50	11.83
5.14	6.70	ø8/24	2	4	19	SLU	0.30	779.65	2.50	28065.40	67398.60	0.80	1545.48	2.50	19251.10	61641.80	12.46
5.14	6.70	ø8/24	2	4	12(TG)	SLD	0.30	3922.00	2.50	32275.20	100398.00	0.80	10074.00	2.50	22138.80	91822.80	2.20
5.14	6.70	ø8/24	2	4	14(TG)	SLD	0.30	21405.70	2.50	32275.20	100362.00	0.80	8450.43	2.50	22138.80	91789.60	1.51
5.14	6.70	ø8/24	2	4	15(TG)	SLV	0.30	7727.58	2.50	28065.40	67041.40	0.80	8465.81	2.50	19251.10	61315.10	2.27
5.14	6.70	ø8/24	2	4	9(TG)	SLV	0.30	22195.30	2.50	28065.40	67066.30	0.80	4334.47	2.50	19251.10	61337.90	1.26
6.70	7.50	ø8/ 4	2	4	18	SLU	0.30	779.64	1.38	92705.30	92705.30	0.80	1627.52	1.69	78122.90	78122.90	48.00
6.70	7.50	ø8/ 4	2	4	19	SLU	0.30	779.65	1.38	92699.90	92699.90	0.80	1545.48	1.69	78118.90	78118.90	50.55
6.70	7.50	ø8/ 4	2	4	12(TG)	SLD	0.30	3922.00	1.66	128658.00	128658.00	0.80	10074.00	2.00	106421.00	106421.00	10.56
6.70	7.50	ø8/ 4	2	4	14(TG)	SLD	0.30	21405.70	1.66	128626.00	128626.00	0.80	8450.43	2.00	106397.00	106397.00	6.01
6.70	7.50	ø8/ 4	2	4	15(TG)	SLV	0.30	7727.58	1.37	92512.60	92512.60	0.80	8465.81	1.69	77979.40	77979.40	9.21
6.70	7.50	ø8/ 4	2	4	9(TG)	SLV	0.30	22195.30	1.37	92538.80	92538.80	0.80	4334.47	1.69	77999.00	77999.00	4.17

Pilastrata n. 9

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Acc.	Fyk <daN/cmq>	Fyd <daN/cmq>
2	R	80.00	30.00	3.90	C32/40	332.00	21.69	188.13	14.46	B450C	4500.00	3913.04

Stato limite ultimo - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	α_y	My ver. <daNm>	Mz <daNm>	α_z	Mz ver. <daNm>	Nu <daN>	Myu <daNm>	Mzu <daNm>	α <grad>	ε_Y	Sic.
3.74	11(α)	SLV	2	2	390.00	-100315.00	305.83	1.00	305.83	-1843.30	52.51	-96797.20	-100315.00	0.02	-99192.90	270.00	5.01	1.025

4.34	1(α)	SLV	3	2	0.00	-25705.10	-2742.36	1.00	-2742.36	-5542.06	7.73	-42863.80	-25705.10	-2983.96	-44356.50	247.50	9.34	1.035
-3.25	6(e)	SLD	1	2	0.00	-158504.00	667.23		3170.07	6666.70		6666.70	-158504.00	32147.60	69374.00	16.88	3.44	2.777
-3.25	6(e)	SLD	1	2	0.00	-158504.00	667.23		3170.07	6666.70		6666.70	-158504.00	32147.60	69374.00	16.88	3.44	2.777
-0.76	6(e)	SLD	1	2	249.00	-157010.00	-57.27		-3140.19	3724.84		6280.38	-157010.00	-33549.00	65217.90	164.53	3.45	2.804
-0.16	6(e)	SLD	2	2	-0.00	-105637.00	1554.90		2112.73	21709.70		21709.70	-105637.00	10854.30	109842.00	50.63	4.87	4.167
3.74	6(e)	SLD	2	2	390.00	-103297.00	292.86		2065.93	13507.00		13507.00	-103297.00	15733.50	101960.00	39.38	4.52	4.262
4.34	2	SLD	3	2	0.00	-25628.60	-3014.05			-6016.28			-25628.60	-16417.90	-32047.50	194.06	7.13	5.351
7.19	14	SLD	3	2	285.00	-23753.20	854.87			-13773.50			-23753.20	2815.25	-51838.80	286.88	12.52	3.762

Dati per verifiche di stabilità

Xg	El	l_0	λ	λ*	Xg	El	l_0	λ	λ*	Xg	El	l_0	λ	λ*	Xg	El	l_0	λ	λ*
<m>		<m>			<m>		<m>			<m>		<m>			<m>		<m>		
-3.25	1	3.09	35.68	18.32	-3.25	1	3.09	35.68	18.32	-0.76	1	3.09	35.68	18.32	-0.16	2	4.50	51.96	22.94
3.74	2	4.50	51.96	22.94	4.34	3	3.45	39.84	37.87	7.19	3	3.45	39.84	37.87					

Stato limite ultimo - Ferri longitudinali - Verifiche armatura - Controlli di stabilità

Xg	CC	TCC	El	Sez.	X	N	My	My ver.	Mz	Mz ver.	Nu	Myu,s	Mzu,s	α	ε_z	Sic.
<m>					<cm>	<daN>	<daNm>	<daNm>	<daNm>	<daNm>	<daN>	<daNm>	<daNm>	<grad>		
-3.25	19(e)	SLU	1	2	0.00	-247948.00	422.30	4958.95	1351.35	9917.90	-247948.00	24861.90	49471.70	16.17	2.01	1.184
-3.25	19(e)	SLU	1	2	0.00	-247948.00	422.30	4958.95	1351.35	9917.90	-247948.00	24861.90	49471.70	16.17	2.01	1.184
-0.76	19(e)	SLU	1	2	249.00	-246005.00	-536.55	-4920.11	-2148.33	-9840.22	-246005.00	-24875.60	-49520.60	196.17	2.02	1.193
-0.16	19(e)	SLU	2	2	-0.00	-167352.00	778.92	3347.03	4488.86	6694.06	-167352.00	24975.50	50180.10	16.17	2.70	1.754
7.19	13	SLV	3	2	285.00	-23851.30	777.25		-12582.40		-23851.30	2948.85	-43430.40	292.50	9.50	3.453

Stato limite d'esercizio - Ferri longitudinali - Verifiche armatura

Xg	CC	TCC	El	Sez.	X	N	Mz	My	AfT	AfC	σ_c	σ_f
<m>					<cm>	<daN>	<daNm>	<daNm>	<cmq>	<cmq>	<daN/cmq>	<daN/cmq>
-3.25	23	SLE R	1	2	0.00	-174902.00	1106.42	326.81	0.00	68.42	54.97	814.33
-3.25	31	SLE Q	1	2	0.00	-155898.00	1045.29	324.28	0.00	68.42	49.29	729.36
-3.25	23	SLE R	1	2	0.00	-174902.00	1106.42	326.81	0.00	68.42	54.97	814.33
-3.25	31	SLE Q	1	2	0.00	-155898.00	1045.29	324.28	0.00	68.42	49.29	729.36
-0.76	24	SLE R	1	2	249.00	-172983.00	-2296.65	-426.52	0.00	68.42	57.29	843.38
-0.76	32	SLE Q	1	2	249.00	-153979.00	-2163.45	-443.61	0.00	68.42	51.57	757.66
-0.16	23	SLE R	2	2	-0.00	-118581.00	3701.65	575.12	0.00	68.42	44.97	651.27
-0.16	31	SLE Q	2	2	-0.00	-103603.00	3475.01	548.30	0.00	68.42	40.01	578.10
3.74	24	SLE R	2	2	390.00	-115914.00	1237.44	146.49	0.00	68.42	37.05	548.92
3.74	32	SLE Q	2	2	390.00	-100936.00	1524.30	125.65	0.00	68.42	33.13	489.74
4.34	22	SLE R	3	2	0.00	-29244.00	-920.26	339.54	0.00	27.77	14.89	211.02
4.34	30	SLE Q	3	2	0.00	-26501.80	-1240.26	273.14	0.00	27.77	14.28	202.46
7.19	23	SLE R	3	2	285.00	-27545.80	-2831.57	-15.38	0.00	27.77	16.95	243.21
7.19	31	SLE Q	3	2	285.00	-24803.70	-2652.01	30.20	0.00	27.77	15.62	223.62

Staffe - Verifiche armatura

X0	X1	Staff.	Br_y	Br_z	CC	TCC	$bw_{,y}$	$Vsdu_{,y}$	$ctg\theta_{,y}$	$VRsd_{,y}$	$VRcd_{,y}$	$bw_{,z}$	$Vsdu_{,z}$	$ctg\theta_{,z}$	$VRsd_{,z}$	$VRcd_{,z}$	Sic.T
<m>	<m>						<m>	<daN>		<daN>	<daN>	<m>	<daN>		<daN>	<daN>	
-3.25	-2.45	ø8/ 4	2	4	17	SLU	0.30	1327.43	1.56	105287.00	105287.00	0.80	397.81	1.90	87555.80	87555.80	79.32
-3.25	-2.45	ø8/ 4	2	4	18	SLU	0.30	1411.35	1.56	105287.00	105287.00	0.80	378.74	1.90	87555.80	87555.80	74.60
-3.25	-2.45	ø8/ 4	2	4	2(TG)	SLD	0.30	57630.80	1.87	144736.00	144736.00	0.80	29647.70	2.23	118672.00	118672.00	2.51
-3.25	-2.45	ø8/ 4	2	4	6(TG)	SLD	0.30	62444.00	1.87	144736.00	144736.00	0.80	27771.10	2.23	118672.00	118672.00	2.32
-3.25	-2.45	ø8/ 4	2	4	1(TG)	SLV	0.30	32587.10	1.56	105287.00	105287.00	0.80	28365.00	1.90	87555.80	87555.80	3.09
-3.25	-2.45	ø8/ 4	2	4	13(TG)	SLV	0.30	70288.00	1.56	105287.00	105287.00	0.80	11685.30	1.90	87555.80	87555.80	1.50
-2.45	-1.56	ø8/ 8	2	4	17	SLU	0.30	1327.43	2.43	81712.60	81712.60	0.80	397.81	2.50	57753.40	73146.20	61.56
-2.45	-1.56	ø8/ 8	2	4	18	SLU	0.30	1411.35	2.43	81712.60	81712.60	0.80	378.74	2.50	57753.40	73146.20	57.90
-2.45	-1.56	ø8/ 8	2	4	2(TG)	SLD	0.30	57630.80	2.50	96825.40	119966.00	0.80	29647.70	2.50	66416.40	109719.00	1.68
-2.45	-1.56	ø8/ 8	2	4	6(TG)	SLD	0.30	62444.00	2.50	96825.40	119966.00	0.80	27771.10	2.50	66416.40	109719.00	1.55
-2.45	-1.56	ø8/ 8	2	4	1(TG)	SLV	0.30	32587.10	2.43	81712.60	81712.60	0.80	28365.00	2.50	57753.40	73146.20	2.04
-2.45	-1.56	ø8/ 8	2	4	13(TG)	SLV	0.30	70288.00	2.43	81712.60	81712.60	0.80	11685.30	2.50	57753.40	73146.20	1.16
-1.56	-0.76	ø8/ 4	2	4	17	SLU	0.30	1327.43	1.56	105287.00	105287.00	0.80	397.81	1.90	87555.80	87555.80	79.32
-1.56	-0.76	ø8/ 4	2	4	18	SLU	0.30	1411.35	1.56	105287.00	105287.00	0.80	378.74	1.90	87555.80	87555.80	74.60
-1.56	-0.76	ø8/ 4	2	4	2(TG)	SLD	0.30	57630.80	1.87	144736.00	144736.00	0.80	29647.70	2.23	118672.00	118672.00	2.51
-1.56	-0.76	ø8/ 4	2	4	6(TG)	SLD	0.30	62444.00	1.87	144736.00	144736.00	0.80	27771.10	2.23	118672.00	118672.00	2.32
-1.56	-0.76	ø8/ 4	2	4	1(TG)	SLV	0.30	32587.10	1.56	105287.00	105287.00	0.80	28365.00	1.90	87555.80	87555.80	3.09
-1.56	-0.76	ø8/ 4	2	4	13(TG)	SLV	0.30	70288.00	1.56	105287.00	105287.00	0.80	11685.30	1.90	87555.80	87555.80	1.50
-0.16	0.64	ø8/ 4	2	4	18	SLU	0.30	530.17	1.56	105287.00	105287.00	0.80	226.92	1.90	87555.80	87555.80	>100
-0.16	0.64	ø8/ 4	2	4	19	SLU	0.30	1344.24	1.56	105287.00	105287.00	0.80	143.33	1.90	87555.80	87555.80	78.32
-0.16	0.64	ø8/ 4	2	4	4(TG)	SLD	0.30	31614.70	1.82	140846.00	140846.00	0.80	19354.40	2.18	115699.00	115699.00	4.46
-0.16	0.64	ø8/ 4	2	4	14(TG)	SLD	0.30	60415.10	1.82	141001.00	141001.00	0.80	6951.71	2.18	115817.00	115817.00	2.33
-0.16	0.64	ø8/ 4	2	4	3(TG)	SLV	0.30	27364.40	1.56	105287.00	105287.00	0.80	15768.10	1.90	87555.80	87555.80	3.85
-0.16	0.64	ø8/ 4	2	4	5(TG)	SLV	0.30	56202.90	1.56	105287.00	105287.00	0.80	0.01	1.90	87555.80	87555.80	1.87
0.64	2.94	ø8/10	2	4	18	SLU	0.30	530.17	2.50	67356.80	79977.40	0.80	226.92	2.50	46202.70	73146.20	>100
0.64	2.94	ø8/10	2	4	19	SLU	0.30	1344.24	2.50	67356.80	79977.40	0.80	143.33	2.50	46202.70	73146.20	50.11
0.64	2.94	ø8/10	2	4	4(TG)	SLD	0.30	31575.50	2.50	77460.40	114772.00	0.80	19318.40	2.50	53133.10	104969.00	2.45
0.64	2.94	ø8/10	2	4	4(TG)	SLD	0.30	31614.70	2.50	77460.40	115021.00	0.80	19354.40	2.50	53133.10	105197.00	2.45
0.64	2.94	ø8/10	2	4	14(TG)	SLD	0.30	60085.00	2.50	77460.40	114571.00	0.80	6950.73	2.50	53133.10	104785.00	1.29
0.64	2.94	ø8/10	2	4	14(TG)	SLD	0.30	60415.10	2.50	77460.40	115216.00	0.80	6951.71	2.50	53133.10	105375.00	1.28
0.64	2.94	ø8/10	2	4	3(TG)	SLV	0.30	27364.40	2.50	67356.80	79977.40	0.80	15768.10	2.50	46202.70	73146.20	2.46
0.64	2.94	ø8/10	2	4	5(TG)	SLV	0.30	56202.90	2.50	67356.80	79977.40	0.80	0.01	2.50	46202.70	73146.20	1.20
2.94	3.74	ø8/ 4	2	4	18	SLU	0.30	530.17	1.56	105287.00	105287.00	0.80	226.92	1.90	87555.80	87555.80	>100
2.94	3.74	ø8/ 4	2	4	19	SLU	0.30	1344.24	1.56	105287.00	105287.00	0.80	143.33	1.90	87555.80	87555.80	78.32
2.94	3.74	ø8/ 4	2	4	4(TG)	SLD	0.30	31614.70	1.82	140846.00	140846.00	0.80	19354.40	2.18	115699.00	115699.00	4.46
2.94	3.74	ø8/ 4	2	4	14(TG)	SLD	0.30	60415.10	1.82	141001.00	141001.00	0.80	6951.71	2.18	115817.00	115817.00	2.33
2.94	3.74	ø8/ 4	2	4	3(TG)	SLV	0.30	27364.40	1.56	105287.00	105287.00	0.80	15768.10	1.90	87555.80	87555.80	3.85
2.94	3.74	ø8/ 4	2	4	5(TG)	SLV	0.30	56202.90	1.56	105287.00	105287.00	0.80	0.01	1.90	87555.80	87555.80	1.87
4.34	5.14	ø8/ 4	2	4	18	SLU	0.30	396.34	1.46	98166.50	98166.50	0.80	249.46	1.78	82201.80	82201.70	>100
4.34	5.14	ø8/ 4	2	4	19	SLU	0.30	1055.57	1.46	98168.20	98168.20	0.80	57.42	1.78	82203.10	82203.10	93.00
4.34	5.14	ø8/ 4	2	4	12(TG)	SLD	0.30	7177.14	1.70	131484.00	131484.00	0.80	14080.50	2.04	108566.00	108566.00	7.71
4.34	5.14	ø8/ 4	2	4	8(TG)	SLD	0.30	39779.30	1.70	131522.00	131522.00	0.80	3150.78	2.04	108596.00	108596.00	3.31
4.34	5.14	ø8/ 4	2	4	3(TG)	SLV	0.30	7061.93	1.42	95937.00	95937.00	0.80	12242.90	1.74	80533.50	80533.50	6.58
4.34	5.14	ø8/ 4	2	4	15(TG)	SLV	0.30	35181.70	1.42	95974.80	95974.80	0.80	1202.23	1.74	80561.70	80561.70	2.73
5.14	6.39	ø8/18	2	4	18	SLU	0.30	396.34	2.50	37420.50	72468.50	0.80	249.46	2.50	25668.20	66278.60	94.42
5.14	6.39	ø8/18	2	4	19	SLU	0.30	1055.57	2.50	37420.50	72470.20	0.80	57.42	2.50	25668.20	66280.20	35.45
5.14	6.39	ø8/18	2	4	12(TG)	SLD	0.30	7177.14	2.50	43033.50	103671.00	0.80	14080.50	2.50	29518.40	94815.80	2.10
5.14	6.39	ø8/18	2	4	8(TG)	SLD	0.30	39779.30	2.50	43033.50	103716.00	0.80	3150.78	2.50	29518.40	94857.30	1.08
5.14	6.39	ø8/18	2	4	3(TG)	SLV	0.30	7061.93	2.50	37420.50	70345.10	0.80	12242.90	2.50	25668.20	64336.70	2.10
5.14	6.39	ø8/18	2	4	15(TG)	SLV	0.30	35181.70	2.50	37420.50	70382.20	0.80	1202.23	2.50	25668.20	64370.60	1.06
6.39	7.19	ø8/ 4	2	4	18	SLU	0.30	396.34	1.45	97931.40	97931.40	0.80	249.46	1.78	82025.60	82025.60	>100
6.39	7.19	ø8/ 4	2	4	19	SLU	0.30	1055.57	1.45	97933.10	97933.10	0.80	57.42	1.78	82026.90	82026.90	92.78

6.39	7.19	ø8/ 4	2	4	12(TG)	SLD	0.30	7177.14	1.70	131484.00	131484.00	0.80	14080.50	2.04	108566.00	108566.00	7.71
6.39	7.19	ø8/ 4	2	4	8(TG)	SLD	0.30	39779.30	1.70	131522.00	131522.00	0.80	3150.78	2.04	108596.00	108596.00	3.31
6.39	7.19	ø8/ 4	2	4	3(TG)	SLV	0.30	7061.93	1.42	95937.00	95937.00	0.80	12242.90	1.74	80533.50	80533.50	6.58
6.39	7.19	ø8/ 4	2	4	15(TG)	SLV	0.30	35181.70	1.42	95974.80	95974.80	0.80	1202.23	1.74	80561.70	80561.70	2.73

Pilastrata n. 10

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Acc.	Fyk <daN/cmq>	Fyd <daN/cmq>
3	R	60.00	30.00	3.60	C32/40	332.00	21.69	188.13	14.46	B450C	4500.00	3913.04
3	R	60.00	30.00	2.00	C32/40	332.00	21.69	188.13	14.46	B450C	4500.00	3913.04

Stato limite ultimo - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	α_y	My ver. <daNm>	Mz <daNm>	α_z	Mz ver. <daNm>	Nu <daN>	Myu <daNm>	Mzu <daNm>	α <grad>	ε_Y	Sic.
-3.25	20(e)	SLU	1	3	0.00	-26619.40	-55.78		-532.39	-92.07		-798.58	-26619.40	-11726.80	-17623.60	203.91	5.16	8.269
-3.25	20(e)	SLU	1	3	0.00	-26619.40	-55.78		-532.39	-92.07		-798.58	-26619.40	-11726.80	-17623.60	203.91	5.16	8.269
-2.81	20(e)	SLU	1	3	44.14	-26361.10	-27.26		-527.22	11.75		790.83	-26361.10	-11712.90	17610.40	156.09	5.17	8.350
-2.81	20(e)	SLU	2	3	0.00	-27470.00	-18.58		-549.40	4.68		824.10	-27470.00	-11772.50	17667.20	156.09	5.13	8.013
-2.37	20(e)	SLU	2	3	44.14	-27211.80	10.83		544.24	38.98		816.35	-27211.80	11758.70	17654.00	23.91	5.14	8.089
-2.37	20(e)	SLU	3	3	0.00	-29086.30	19.03		581.73	35.79		872.59	-29086.30	11859.30	17749.20	23.91	5.06	7.568
-1.93	20(e)	SLU	3	3	44.14	-28828.00	50.40		576.56	41.60		864.84	-28828.00	11845.40	17736.20	23.91	5.07	7.635
-1.93	20(e)	SLU	4	3	0.00	-31847.50	59.44		636.95	42.99		955.43	-31847.50	12006.20	17888.40	23.91	4.95	6.912
-1.48	20(e)	SLU	4	3	44.14	-31589.30	97.74		631.79	35.24		947.68	-31589.30	11992.80	17875.10	23.91	4.96	6.968
-1.48	20(e)	SLU	5	3	0.00	-36451.70	109.55		729.03	39.96		1093.55	-36451.70	12246.00	18122.10	23.91	4.79	6.039
-1.04	20(e)	SLU	5	3	44.14	-36193.50	161.80		723.87	15.49		1085.81	-36193.50	12232.60	18109.10	23.91	4.80	6.082
-1.04	20(e)	SLU	6	3	0.00	-44495.30	186.93		889.91	24.87		1334.86	-44495.30	12659.00	18516.30	23.91	4.50	4.947
-0.60	20(e)	SLU	6	3	44.14	-44237.10	296.69		884.74	-46.88		-1327.11	-44237.10	12646.20	-18503.80	336.09	4.51	4.976
-0.60	20(e)	SLU	7	3	0.00	-59119.70	386.16		1182.39	-57.74		-1773.59	-59119.70	13240.10	-19224.20	336.09	4.06	3.723
-0.45	20(e)	SLU	7	3	15.14	-59031.20	471.89		1180.62	-123.23		-1770.93	-59031.20	13237.60	-19219.80	336.09	4.06	3.729
3.74	13(α)	SLV	8	3	390.00	-60657.80	467.89	1.00	467.89	5123.45	3.87	19834.80	-60657.80	1330.14	33908.20	78.75	5.85	1.710
4.34	11(α)	SLV	9	3	0.00	-28673.70	-2515.87	1.00	-2515.87	7091.59	3.65	25855.10	-28678.30	-3272.24	28585.40	112.50	6.91	1.108
-3.25	10(e)	SLD	1	3	0.00	-15338.90	-972.77		-972.77	303.92		-460.17	-15391.40	-15315.40	-7317.24	184.22	11.44	15.773
-3.25	10(e)	SLD	1	3	0.00	-15338.90	-972.77		-972.77	303.92		-460.17	-15391.40	-15315.40	-7317.24	184.22	11.44	15.773
-2.81	14(e)	SLD	1	3	44.14	-20723.10	249.34		414.46	134.79		621.69	-20723.10	13829.80	20735.00	22.50	6.31	15.933
-2.81	14(e)	SLD	2	3	0.00	-21000.10	246.85		420.00	210.16		630.00	-21000.10	13846.40	20753.20	22.50	6.30	15.723
-2.37	14(e)	SLD	2	3	44.14	-20801.50	240.73		416.03	111.35		624.04	-20801.50	13834.50	20740.20	22.50	6.30	15.873
-2.37	14(e)	SLD	3	3	0.00	-21531.00	239.36		430.62	67.75		645.93	-21531.00	13878.30	20788.00	22.50	6.28	15.335
-1.93	14(e)	SLD	3	3	44.14	-21332.30	237.06		426.65	132.45		639.97	-21332.30	13866.40	20775.00	22.50	6.29	15.478
-1.93	14(e)	SLD	4	3	0.00	-22861.20	238.47		457.23	140.13		685.84	-22861.20	13957.90	20874.70	22.50	6.23	14.443
-1.48	14(e)	SLD	4	3	44.14	-22662.60	243.97		453.25	26.20		679.88	-22662.60	13946.00	20861.80	22.50	6.24	14.569
-1.48	14(e)	SLD	5	3	0.00	-25575.00	249.71		511.50	93.10		767.25	-25575.00	14120.00	21050.20	22.50	6.13	12.910
-1.04	14(e)	SLD	5	3	44.14	-25376.30	268.10		507.53	488.08		761.29	-25376.30	14108.10	21037.50	22.50	6.14	13.011
-1.04	14(e)	SLD	6	3	0.00	-30971.30	288.86		619.43	340.86		929.14	-30971.30	14440.40	21392.90	22.50	5.93	10.661
-0.60	14(e)	SLD	6	3	44.14	-30772.70	359.88		615.45	2194.71		2194.71	-30774.00	8740.39	30438.00	47.81	6.50	10.730
-0.60	14(e)	SLD	7	3	0.00	-41725.00	444.07		834.50	2324.25		2324.25	-41725.00	10871.40	29580.60	39.38	5.72	7.913
-0.45	6(e)	SLD	7	3	15.14	-31765.60	533.09		-635.31	4347.41		4347.41	-31765.60	-4667.97	34032.10	112.50	8.17	7.818
-0.16	6(e)	SLD	8	3	-0.00	-61005.90	736.55		-1220.12	13894.10		13894.10	-61005.90	-3216.40	39421.60	106.88	7.25	2.836
3.74	6(e)	SLD	8	3	390.00	-59250.90	461.25		1185.02	-11934.60		-11934.60	-59250.90	4326.65	-38524.30	292.50	6.81	3.232
4.34	6	SLD	9	3	0.00	-25685.60	-1049.08			14474.40			-25705.20	-2323.81	34287.10	101.25	10.19	2.368
7.19	6	SLD	9	3	285.00	-24403.10	963.19			-11971.20			-24405.70	2307.27	-34051.90	281.25	10.30	2.842

Dati per verifiche di stabilità

Xg <m>	El	l_0 <m>	λ	λ*	Xg <m>	El	l_0 <m>	λ	λ*	Xg <m>	El	l_0 <m>	λ	λ*	Xg <m>	El	l_0 <m>	λ	λ*
-0.16	8	4.50	51.96	26.21	3.74	8	4.50	51.96	26.21	4.34	9	3.45	39.84	37.31	7.19	9	3.45	39.84	37.31

Stato limite ultimo - Ferri longitudinali - Verifiche armatura - Controlli di stabilità

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	Myu,s <daNm>	Mzu,s <daNm>	α <grad>	ε_Y	Sic.
-0.16	20(e)	SLU	8	3	-0.00	-108379.00	-47.54	-2167.57	1025.82	3251.36	-108379.00	-12765.50	18686.50	156.09	2.91	2.031
7.19	5	SLV	9	3	285.00	-24675.40	898.60		-11090.30		-24675.40	2422.53	-27950.40	286.88	7.72	2.521

Stato limite d'esercizio - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	Mz <daNm>	My <daNm>	AfT <cmq>	AfC <cmq>	σ_c <daN/cmq>	σ_f <daN/cmq>
-3.25	21	SLE R	1	3	0.00	-18758.40	8.65	-150.86	0.00	25.13	9.90	143.59
-3.25	29	SLE Q	1	3	0.00	-16615.70	9.19	-157.93	0.00	25.13	8.98	129.51
-3.25	21	SLE R	1	3	0.00	-18758.40	8.65	-150.86	0.00	25.13	9.90	143.59
-3.25	29	SLE Q	1	3	0.00	-16615.70	9.19	-157.93	0.00	25.13	8.98	129.51
-2.81	21	SLE R	1	3	44.14	-18559.70	18.20	-118.56	0.00	25.13	9.59	139.80
-2.81	29	SLE Q	1	3	44.14	-16417.00	16.77	-125.19	0.00	25.13	8.65	125.57
-2.81	21	SLE R	2	3	0.00	-19386.60	19.29	-108.61	0.00	25.13	9.89	144.65
-2.81	29	SLE Q	2	3	0.00	-17141.70	17.93	-115.09	0.00	25.13	8.90	129.70
-2.37	22	SLE R	2	3	44.14	-19232.10	20.99	81.47	0.00	25.13	9.60	141.19
-2.37	29	SLE Q	2	3	44.14	-16943.10	19.31	-81.81	0.00	25.13	8.54	125.36
-2.37	22	SLE R	3	3	0.00	-20605.50	21.71	85.28	0.00	25.13	10.27	151.05
-2.37	30	SLE Q	3	3	0.00	-18191.60	19.78	79.34	0.00	25.13	9.10	133.76
-1.93	22	SLE R	3	3	44.14	-20406.90	21.47	100.82	0.00	25.13	10.30	151.09
-1.93	30	SLE Q	3	3	44.14	-17992.90	19.36	95.21	0.00	25.13	9.14	133.82
-1.93	22	SLE R	4	3	0.00	-22593.40	21.94	105.97	0.00	25.13	11.35	166.66
-1.93	30	SLE Q	4	3	0.00	-19911.10	19.82	100.40	0.00	25.13	10.06	147.54
-1.48	22	SLE R	4	3	44.14	-22394.80	24.53	127.62	0.00	25.13	11.45	167.42
-1.48	30	SLE Q	4	3	44.14	-19712.50	21.67	122.23	0.00	25.13	10.16	148.28
-1.48	22	SLE R	5	3	0.00	-25883.80	23.16	135.61	0.00	25.13	13.11	192.12
-1.48	30	SLE Q	5	3	0.00	-22773.30	20.50	130.16	0.00	25.13	11.63	170.03
-1.04	22	SLE R	5	3	44.14	-25685.10	44.58	168.56	0.00	25.13	13.39	195.00
-1.04	23	SLE R	5	3	44.14	-25395.90	94.31	117.43	0.00	25.13	13.05	191.17
-1.04	30	SLE Q	5	3	44.14	-22574.70	38.48	163.07	0.00	25.13	11.89	172.72

-1.04	22	SLE	R	6	3	0.00	-31598.60	40.56	188.19	0.00	25.13	16.25	237.32	
-1.04	30	SLE	Q	6	3	0.00	-27761.00	34.98	182.36	0.00	25.13	14.41	210.02	
-0.60	23	SLE	R	6	3	44.14	-31071.70	354.53	220.73	0.00	25.13	17.66	254.68	
-0.60	31	SLE	Q	6	3	44.14	-27234.20	337.26	214.00	0.00	25.13	15.76	226.63	
-0.60	23	SLE	R	7	3	0.00	-41436.50	370.48	288.38	0.00	25.13	23.05	333.22	
-0.60	31	SLE	Q	7	3	0.00	-36300.00	352.83	280.25	0.00	25.13	20.54	296.07	
-0.45	23	SLE	R	7	3	15.14	-41368.40	609.71	354.08	0.00	25.13	24.61	352.50	
-0.45	31	SLE	Q	7	3	15.14	-36231.80	582.68	345.04	0.00	25.13	22.06	314.72	
-0.16	23	SLE	R	8	3	-0.00	-76370.20	2824.39	-71.21	0.00	25.13	48.08	694.72	
-0.16	31	SLE	Q	8	3	-0.00	-66712.40	2625.08	-95.43	0.00	25.13	42.97	618.97	
3.74	23	SLE	R	8	3	390.00	-74615.20	-4315.03	314.23	0.00	25.13	55.83	790.41	
3.74	31	SLE	Q	8	3	390.00	-64957.40	-3832.17	301.43	0.00	25.13	49.17	695.00	
4.34	23	SLE	R	9	3	0.00	-31438.10	7510.89	-163.66	12.57	12.57	56.78	751.78	
4.34	31	SLE	Q	9	3	0.00	-27913.60	6614.77	-212.15	12.57	12.57	50.83	671.68	
7.19	23	SLE	R	9	3	285.00	-30155.60	-5290.46	241.97	6.28	18.85	42.01	566.77	
7.19	31	SLE	Q	9	3	285.00	-26631.10	-4751.90	272.14	6.28	18.85	38.26	514.14	

Verifiche stato limite di formazione delle fessure

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	Mz <daNm>	c <mm>	s <mm>	K3	s_{rm} <mm>	Φ	A_s <cmq>	$A_{c\ eff}$ <cmq>	σ_s <daN/cmq>	σ_{sr} <daN/cmq>	ε_{sm}	Wk <mm>
4.34	31	SLE	Q	9	3	0.00	-27913.60	-212.15	6614.77	29.00	174.00	0.13	173.66	20.00	12.57	1016.16	466.54	963.84	0.09	0.03
7.19	31	SLE	Q	9	3	285.00	-26631.10	272.14	-4751.90	29.00	222.00	0.13	181.15	20.00	6.28	494.80	199.65	681.20	0.04	0.01

Staffe - Verifiche armatura

X0 <m>	X1 <m>	Staff.	Br_y	Br_z	CC	TCC	$bw_{,y}$ <m>	$Vsdu_{,y}$ <daN>	$ctg\theta_{,y}$	$VRsd_{,y}$ <daN>	$VRcd_{,y}$ <daN>	$bw_{,z}$ <m>	$Vsdu_{,z}$ <daN>	$ctg\theta_{,z}$	$VRsd_{,z}$ <daN>	$VRcd_{,z}$ <daN>	Sic.T
-3.25	-2.65	ø6/ 4	2	2	17	SLU	0.30	32.23	2.12	59300.70	59300.70	0.60	89.90	2.50	32486.30	49358.50	>100
-3.25	-2.65	ø6/ 4	2	2	20	SLU	0.30	235.18	2.12	59340.20	59340.20	0.60	66.62	2.50	32486.30	49412.30	>100
-3.25	-2.65	ø6/ 4	2	2	4(TG)	SLD	0.30	11028.70	2.47	79443.80	79443.80	0.60	12112.80	2.50	37359.20	73350.90	3.08
-3.25	-2.65	ø6/ 4	2	2	8(TG)	SLD	0.30	24456.00	2.46	79152.50	79152.50	0.60	4883.33	2.50	37359.20	72889.30	3.24
-3.25	-2.65	ø6/ 4	2	2	3(TG)	SLV	0.30	10127.90	2.15	60141.60	60141.60	0.60	10114.70	2.50	32486.30	50512.30	3.21
-3.25	-2.65	ø6/ 4	2	2	9(TG)	SLV	0.30	10450.80	2.16	60430.30	60430.30	0.60	10140.00	2.50	32486.30	50912.20	3.20
-3.25	-2.65	ø6/ 4	2	2	5(TG)	SLV	0.30	20127.80	2.14	59825.50	59825.50	0.60	4561.25	2.50	32486.30	50076.70	2.97
-2.65	-1.05	ø6/12	2	2	17	SLU	0.30	74.29	2.50	23275.60	54341.80	0.60	136.02	2.50	10828.80	50564.00	79.61
-2.65	-1.05	ø6/12	2	2	19	SLU	0.30	204.51	2.50	23275.60	54304.60	0.60	121.00	2.50	10828.80	50529.40	89.49
-2.65	-1.05	ø6/12	2	2	4(TG)	SLD	0.30	11028.70	2.50	26767.00	78831.10	0.60	12112.80	2.50	12453.10	73350.90	1.03
-2.65	-1.05	ø6/12	2	2	8(TG)	SLD	0.30	24456.00	2.50	26767.00	78335.10	0.60	4883.33	2.50	12453.10	72889.30	1.09
-2.65	-1.05	ø6/12	2	2	3(TG)	SLV	0.30	10127.90	2.50	23275.60	54286.20	0.60	10114.70	2.50	10828.80	50512.30	1.07
-2.65	-1.05	ø6/12	2	2	9(TG)	SLV	0.30	10450.80	2.50	23275.60	54715.90	0.60	10140.00	2.50	10828.80	50912.20	1.07
-2.65	-1.05	ø6/12	2	2	5(TG)	SLV	0.30	20127.80	2.50	23275.60	53818.10	0.60	4561.25	2.50	10828.80	50076.70	1.16
-1.05	-0.45	ø6/ 4	2	2	19	SLU	0.30	1819.97	2.23	62305.50	62305.60	0.60	571.83	2.50	32486.30	53556.20	34.23
-1.05	-0.45	ø6/ 4	2	2	4(TG)	SLD	0.30	11028.70	2.47	79443.80	79443.80	0.60	12112.80	2.50	37359.20	73350.90	3.08
-1.05	-0.45	ø6/ 4	2	2	8(TG)	SLD	0.30	24456.00	2.46	79152.50	79152.50	0.60	4883.33	2.50	37359.20	72889.30	3.24
-1.05	-0.45	ø6/ 4	2	2	3(TG)	SLV	0.30	10127.90	2.15	60141.60	60141.60	0.60	10114.70	2.50	32486.30	50512.30	3.21
-1.05	-0.45	ø6/ 4	2	2	9(TG)	SLV	0.30	10450.80	2.16	60430.30	60430.30	0.60	10140.00	2.50	32486.30	50912.20	3.20
-1.05	-0.45	ø6/ 4	2	2	5(TG)	SLV	0.30	20127.80	2.14	59825.50	59825.50	0.60	4561.25	2.50	32486.30	50076.70	2.97
-0.16	0.49	ø6/ 4	2	2	17	SLU	0.30	1835.87	2.26	63209.60	63209.60	0.60	189.87	2.50	32486.30	54859.70	34.43
-0.16	0.49	ø6/ 4	2	2	19	SLU	0.30	2386.17	2.26	63209.60	63209.60	0.60	121.99	2.50	32486.30	54859.70	26.49
-0.16	0.49	ø6/ 4	2	2	12(TG)	SLD	0.30	14376.50	2.50	80300.80	83448.90	0.60	8824.96	2.50	37359.20	77647.70	4.23
-0.16	0.49	ø6/ 4	2	2	6(TG)	SLD	0.30	22539.30	2.50	80300.80	84010.30	0.60	2723.97	2.50	37359.20	78170.00	3.56
-0.16	0.49	ø6/ 4	2	2	9(TG)	SLV	0.30	8729.27	2.26	63209.60	63209.60	0.60	8138.28	2.50	32486.30	54859.70	3.99
-0.16	0.49	ø6/ 4	2	2	13(TG)	SLV	0.30	19356.50	2.26	63209.60	63209.60	0.60	1151.64	2.50	32486.30	54859.70	3.27
0.49	3.09	ø6/14	2	2	17	SLU	0.30	1835.87	2.50	19950.50	58958.40	0.60	189.87	2.50	9281.80	54859.70	10.87
0.49	3.09	ø6/14	2	2	19	SLU	0.30	2386.17	2.50	19950.50	58958.40	0.60	121.99	2.50	9281.80	54859.70	8.36
0.49	3.09	ø6/14	2	2	12(TG)	SLD	0.30	14376.50	2.50	22943.10	83448.90	0.60	8824.96	2.50	10674.10	77647.70	1.21
0.49	3.09	ø6/14	2	2	6(TG)	SLD	0.30	22539.30	2.50	22943.10	84010.30	0.60	2723.97	2.50	10674.10	78170.00	1.02
0.49	3.09	ø6/14	2	2	9(TG)	SLV	0.30	8729.27	2.50	19950.50	58958.40	0.60	8138.28	2.50	9281.80	54859.70	1.14
0.49	3.09	ø6/14	2	2	13(TG)	SLV	0.30	19356.50	2.50	19950.50	58958.40	0.60	1151.64	2.50	9281.80	54859.70	1.03
3.09	3.74	ø6/ 4	2	2	17	SLU	0.30	1835.87	2.26	63209.60	63209.60	0.60	189.87	2.50	32486.30	54859.70	34.43
3.09	3.74	ø6/ 4	2	2	19	SLU	0.30	2386.17	2.26	63209.60	63209.60	0.60	121.99	2.50	32486.30	54859.70	26.49
3.09	3.74	ø6/ 4	2	2	12(TG)	SLD	0.30	14376.50	2.50	80300.80	83448.90	0.60	8824.96	2.50	37359.20	77647.70	4.23
3.09	3.74	ø6/ 4	2	2	6(TG)	SLD	0.30	22539.30	2.50	80300.80	84010.30	0.60	2723.97	2.50	37359.20	78170.00	3.56
3.09	3.74	ø6/ 4	2	2	9(TG)	SLV	0.30	8729.27	2.26	63209.60	63209.60	0.60	8138.28	2.50	32486.30	54859.70	3.99
3.09	3.74	ø6/ 4	2	2	13(TG)	SLV	0.30	19356.50	2.26	63209.60	63209.60	0.60	1151.64	2.50	32486.30	54859.70	3.27
4.34	4.94	ø6/ 4	2	2	17	SLU	0.30	5550.15	2.18	60933.30	60933.30	0.60	321.30	2.50	32486.30	51613.50	10.98
4.34	4.94	ø6/ 4	2	2	19	SLU	0.30	6101.10	2.18	60913.20	60913.20	0.60	156.82	2.50	32486.30	51585.30	9.98
4.34	4.94	ø6/ 4	2	2	10(TG)	SLD	0.30	16761.90	2.45	78807.40	78807.40	0.60	10365.30	2.50	37359.20	72344.90	3.60
4.34	4.94	ø6/ 4	2	2	14(TG)	SLD	0.30	26549.30	2.46	78926.20	78926.20	0.60	2735.94	2.50	37359.20	72532.10	2.97
4.34	4.94	ø6/ 4	2	2	9(TG)	SLV	0.30	13497.70	2.13	59383.60	59383.60	0.60	8485.60	2.50	32486.30	49471.50	3.83
4.34	4.94	ø6/ 4	2	2	13(TG)	SLV	0.30	22773.40	2.13	59504.80	59504.80	0.60	1509.73	2.50	32486.30	49637.10	2.61
4.94	6.59	ø6/12	2	2	17	SLU	0.30	5550.14	2.50	23275.60	55418.80	0.60	321.30	2.50	10828.80	51566.10	4.19
4.94	6.59	ø6/12	2	2	19	SLU	0.30	6101.10	2.50	23275.60	55388.50	0.60	156.82	2.50	10828.80	51537.90	3.81
4.94	6.59	ø6/12	2	2	10(TG)	SLD	0.30	16761.90	2.50	26767.00	77749.90	0.60	10365.30	2.50	12453.10	72344.90	1.20
4.94	6.59	ø6/12	2	2	14(TG)	SLD	0.30	26549.30	2.50	26767.00	77951.10	0.60	2735.94	2.50	12453.10	72532.10	1.01
4.94	6.59	ø6/12	2	2	9(TG)	SLV	0.30	13497.70	2.50	23275.60	53167.70	0.60	8485.60	2.50	10828.80	49471.50	1.28
4.94	6.59	ø6/12	2	2	13(TG)	SLV	0.30	22773.40	2.50	23275.60	53345.60	0.60	1509.73	2.50	10828.80	49637.10	1.02
6.59	7.19	ø6/ 4	2	2	17	SLU	0.30	5550.14	2.18	60806.30	60806.30	0.60	321.30	2.50	32486.30	51435.80	10.96
6.59	7.19	ø6/ 4	2	2	19	SLU	0.30	6101.10	2.18	60786.10	60786.10	0.60	156.82	2.50	32486.30	51407.60	9.96
6.59	7.19	ø6/ 4	2	2	10(TG)	SLD	0.30	16761.90	2.45	78807.40	78807.40	0.60	10365.30	2.50	37359.20	72344.90	3.60
6.59	7.19	ø6/ 4	2	2	14(TG)	SLD	0.30	26549.30	2.46	78926.20	78926.20	0.60	2735.94	2.50	37359.20	72532.10	2.97
6.59	7.19	ø6/ 4	2	2	9(TG)	SLV	0.30	13497.70	2.13	59383.60	59383.60	0.60	8485.60	2.50	32486.30	49471.50	3.83
6.59	7.19	ø6/ 4	2	2	13(TG)	SLV	0.30	22773.40	2.13	59504.80	59504.80	0.60	1509.73	2.50	32486.30	49637.10	2.61

Pilastrata n. 11

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Acc.	Fyk <daN/cmq>	Fyd <daN/cmq>
3	R	60.00	30.00	3.60	C32/40	332.00	21.69	188.13	14.46	B450C	4500.00	3913.04

Stato limite ultimo - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	α_y	My ver. <daNm>	Mz <daNm>	α_z	Mz ver. <daNm>	Nu <daN>	Myu <daNm>	Mzu <daNm>	α <grad>	ε_z	Sic.
-0.16	5(α)	SLV	2	3	-0.00	-31849.30	550.43	1.00	550.43	10415.00	2.18	22687.20	-31849.30	728.66	30336.60	84.38	8.35	1.337
3.74	9(α)	SLV	2	3	390.00	-34296.30	447.65	1.00	447.65	-4355.01	3.74	-16285.00	-34296.30	723.30	-30665.90	275.63	8.15	1.883

4.34	13(α)	SLV	3	3	0.00	-9098.60	-512.82	1.00	-512.82	-4156.96	5.43	-22569.50	-9099.18	-505.66	-27082.90	264.38	10.75	1.200
7.19	5	SLV	3	3	285.00	-6998.31	-326.91			-8357.65			-6998.32	-983.46	-26442.90	261.56	10.54	3.164
-3.25	14(e)	SLD	1	3	0.00	-76180.70	121.13		1523.61	6161.72		6161.72	-76180.80	9031.82	36434.50	47.81	5.05	4.334
-3.25	14(e)	SLD	1	3	0.00	-76180.70	121.13		1523.61	6161.72		6161.72	-76180.80	9031.82	36434.50	47.81	5.05	4.334
-0.76	14(e)	SLD	1	3	249.00	-75060.20	472.70		1501.20	-1281.02		-2251.81	-75060.30	16416.80	-25008.80	336.09	4.54	4.399
-0.16	6(e)	SLD	2	3	-0.00	-31010.80	611.10		620.22	11279.70		11279.70	-31010.80	2393.72	35242.60	78.75	9.73	3.127
3.74	6(e)	SLD	2	3	390.00	-29255.80	390.55		-585.12	-8870.58		-8870.58	-29255.80	-2370.16	-34927.30	258.75	9.89	3.938
4.34	6	SLD	3	3	0.00	-7868.27	-553.92			12801.50			-7901.10	-1051.05	31342.60	95.63	13.91	2.447
7.19	6	SLD	3	3	285.00	-6585.77	-360.10			-9302.55			-6605.36	-1070.53	-31053.00	264.38	14.15	3.338

Dati per verifiche di stabilità

Xg	El	l_0	λ	λ*	Xg	El	l_0	λ	λ*	Xg	El	l_0	λ	λ*	Xg	El	l_0	λ	λ*
<m>		<m>			<m>		<m>			<m>		<m>			<m>		<m>		
-3.25	1	3.09	35.68	23.79	-3.25	1	3.09	35.68	23.79	-0.76	1	3.09	35.68	23.79	-0.16	2	4.50	51.96	29.24
3.74	2	4.50	51.96	29.24															

Stato limite ultimo - Ferri longitudinali - Verifiche armatura - Controlli di stabilità

Xg	CC	TCC	El	Sez.	X	N	My	My ver.	Mz	Mz ver.	Nu	Myu,s	Mzu,s	α	ε_Y	Sic.
<m>					<cm>	<daN>	<daNm>	<daNm>	<daNm>	<daNm>	<daN>	<daNm>	<daNm>	<grad>		
-3.25	20(e)	SLU	1	3	0.00	-102135.00	-91.35	-2042.71	2326.72	3064.06	-102135.00	-13509.80	19839.50	156.09	3.04	2.155
-3.25	20(e)	SLU	1	3	0.00	-102135.00	-91.35	-2042.71	2326.72	3064.06	-102135.00	-13509.80	19839.50	156.09	3.04	2.155
-0.76	20(e)	SLU	1	3	249.00	-100679.00	236.68	2013.58	-4653.67	-4653.67	-100679.00	10914.80	-24882.00	327.66	3.11	2.186

Stato limite d'esercizio - Ferri longitudinali - Verifiche armatura

Xg	CC	TCC	El	Sez.	X	N	Mz	My	AfT	AfC	σ_c	σ_f
<m>					<cm>	<daN>	<daNm>	<daNm>	<cmq>	<cmq>	<daN/cmq>	<daN/cmq>
-3.25	23	SLE R	1	3	0.00	-70157.50	2536.10	-80.04	0.00	25.13	44.03	636.19
-3.25	31	SLE Q	1	3	0.00	-65580.60	2461.80	-83.63	0.00	25.13	41.63	600.72
-3.25	23	SLE R	1	3	0.00	-70157.50	2536.10	-80.04	0.00	25.13	44.03	636.19
-3.25	31	SLE Q	1	3	0.00	-65580.60	2461.80	-83.63	0.00	25.13	41.63	600.72
-0.76	22	SLE R	1	3	249.00	-69757.40	-3333.45	271.48	0.00	25.13	48.94	696.72
-0.76	23	SLE R	1	3	249.00	-69037.00	-3528.53	172.62	0.00	25.13	48.65	693.88
-0.76	30	SLE Q	1	3	249.00	-65180.50	-3164.05	261.21	0.00	25.13	46.00	654.53
-0.16	23	SLE R	2	3	-0.00	-40298.00	4862.51	4.16	6.28	18.85	40.09	558.97
-0.16	31	SLE Q	2	3	-0.00	-37295.30	4692.18	-16.43	6.28	18.85	38.17	530.98
3.74	23	SLE R	2	3	390.00	-38543.00	-4265.57	307.13	3.14	21.99	39.12	539.89
3.74	31	SLE Q	2	3	390.00	-35540.30	-4077.43	290.57	3.14	21.99	36.84	507.66
4.34	23	SLE R	3	3	0.00	-12261.90	4748.51	-22.32	12.57	12.57	34.74	569.15
4.34	31	SLE Q	3	3	0.00	-10927.30	4583.12	-54.48	12.57	12.57	33.97	588.65
7.19	23	SLE R	3	3	285.00	-10979.40	-2522.49	-14.03	12.57	12.57	18.59	248.06
7.19	31	SLE Q	3	3	285.00	-9644.83	-2417.13	-3.12	12.57	12.57	17.66	234.13

Verifiche stato limite di formazione delle fessure

Xg	CC	TCC	El	Sez.	X	N	My	Mz	c	s	K3	s_{rm}	Φ	A_s	$A_{c\ eff}$	σ_s	σ_{sr}	ε_{sm}	Wk
<m>					<cm>	<daN>	<daNm>	<daNm>	<mm>	<mm>		<mm>		<cmq>	<cmq>	<daN/cmq>	<daN/cmq>		<mm>
-0.16	31	SLE Q	2	3	-0.00	-37295.30	-16.43	4692.18	29.00	222.00	0.13	181.09	20.00	6.28	494.41	21.98	225.49	0.00	0.00
3.74	31	SLE Q	2	3	390.00	-35540.30	290.57	-4077.43	29.00	280.00	0.13	200.96	20.00	3.14	273.20	19.74	183.75	0.00	0.00
4.34	31	SLE Q	3	3	0.00	-10927.30	-54.48	4583.12	29.00	174.00	0.13	173.66	20.00	12.57	1016.16	588.65	1405.81	0.11	0.03
7.19	31	SLE Q	3	3	285.00	-9644.83	-3.12	-2417.13	29.00	174.00	0.13	173.69	20.00	12.57	1016.54	175.79	1051.39	0.03	0.01

Staffe - Verifiche armatura

X0	X1	Staff.	Br_y	Br_z	CC	TCC	$bw_{,y}$	$Vsdu_{,y}$	$ctgθ_{,y}$	$VRsd_{,y}$	$VRcd_{,y}$	$bw_{,z}$	$Vsdu_{,z}$	$ctgθ_{,z}$	$VRsd_{,z}$	$VRcd_{,z}$	Sic.T
<m>	<m>						<m>	<daN>		<daN>	<daN>	<m>	<daN>		<daN>	<daN>	
-3.25	-2.65	ø6/ 4	2	2	18	SLU	0.30	3108.04	2.26	63209.60	63209.60	0.60	145.10	2.50	32486.30	54859.70	20.34
-3.25	-2.65	ø6/ 4	2	2	19	SLU	0.30	3410.62	2.26	63209.60	63209.60	0.60	133.25	2.50	32486.30	54859.70	18.53
-3.25	-2.65	ø6/ 4	2	2	12(TG)	SLD	0.30	24041.70	2.50	80300.80	83479.10	0.60	12988.40	2.50	37359.20	77675.80	2.88
-3.25	-2.65	ø6/ 4	2	2	14(TG)	SLD	0.30	29443.30	2.50	80300.80	82124.60	0.60	8546.73	2.50	37359.20	76415.40	2.73
-3.25	-2.65	ø6/ 4	2	2	9(TG)	SLV	0.30	19785.20	2.26	63209.60	63209.60	0.60	10636.50	2.50	32486.30	54859.70	3.05
-3.25	-2.65	ø6/ 4	2	2	7(TG)	SLV	0.30	29325.70	2.26	63209.60	63209.60	0.60	2768.63	2.50	32486.30	54859.70	2.16
-2.65	-1.36	ø6/ 8	2	2	18	SLU	0.30	3108.04	2.50	34913.40	58958.40	0.60	145.10	2.50	16243.10	54859.70	11.23
-2.65	-1.36	ø6/ 8	2	2	19	SLU	0.30	3410.62	2.50	34913.40	58958.40	0.60	133.25	2.50	16243.10	54859.70	10.24
-2.65	-1.36	ø6/ 8	2	2	12(TG)	SLD	0.30	24041.70	2.50	40150.40	83479.10	0.60	12988.40	2.50	18679.60	77675.80	1.44
-2.65	-1.36	ø6/ 8	2	2	14(TG)	SLD	0.30	29443.30	2.50	40150.40	82124.60	0.60	8546.73	2.50	18679.60	76415.40	1.36
-2.65	-1.36	ø6/ 8	2	2	9(TG)	SLV	0.30	19785.20	2.50	34913.40	58958.40	0.60	10636.50	2.50	16243.10	54859.70	1.53
-2.65	-1.36	ø6/ 8	2	2	7(TG)	SLV	0.30	29325.70	2.50	34913.40	58958.40	0.60	2768.63	2.50	16243.10	54859.70	1.19
-1.36	-0.76	ø6/ 4	2	2	18	SLU	0.30	3108.04	2.26	63209.60	63209.60	0.60	145.10	2.50	32486.30	54859.70	20.34
-1.36	-0.76	ø6/ 4	2	2	19	SLU	0.30	3410.62	2.26	63209.60	63209.60	0.60	133.25	2.50	32486.30	54859.70	18.53
-1.36	-0.76	ø6/ 4	2	2	12(TG)	SLD	0.30	24041.70	2.50	80300.80	83479.10	0.60	12988.40	2.50	37359.20	77675.80	2.88
-1.36	-0.76	ø6/ 4	2	2	14(TG)	SLD	0.30	29443.30	2.50	80300.80	82124.60	0.60	8546.73	2.50	37359.20	76415.40	2.73
-1.36	-0.76	ø6/ 4	2	2	9(TG)	SLV	0.30	19785.20	2.26	63209.60	63209.60	0.60	10636.50	2.50	32486.30	54859.70	3.05
-1.36	-0.76	ø6/ 4	2	2	7(TG)	SLV	0.30	29325.70	2.26	63209.60	63209.60	0.60	2768.63	2.50	32486.30	54859.70	2.16
-0.16	0.49	ø6/ 4	2	2	17	SLU	0.30	2934.78	2.23	62286.80	62286.80	0.60	147.69	2.50	32486.30	53529.40	21.22
-0.16	0.49	ø6/ 4	2	2	19	SLU	0.30	3261.14	2.23	62215.50	62215.50	0.60	105.78	2.50	32486.30	53427.30	19.08
-0.16	0.49	ø6/ 4	2	2	10(TG)	SLD	0.30	15467.60	2.49	79840.60	79840.60	0.60	6690.14	2.50	37359.20	73982.20	5.16
-0.16	0.49	ø6/ 4	2	2	16(TG)	SLD	0.30	19239.80	2.46	79142.40	79142.40	0.60	2599.65	2.50	37359.20	72873.40	4.11
-0.16	0.49	ø6/ 4	2	2	9(TG)	SLV	0.30	11709.70	2.17	60542.00	60542.00	0.60	5612.54	2.50	32486.30	51067.50	5.17
-0.16	0.49	ø6/ 4	2	2	15(TG)	SLV	0.30	17941.10	2.17	60721.30	60721.30	0.60	199.58	2.50	32486.30	51317.20	3.38
0.49	3.09	ø6/14	2	2	17	SLU	0.30	2934.78	2.50	19950.50	57473.50	0.60	147.69	2.50	9281.80	53478.00	6.80
0.49	3.09	ø6/14	2	2	19	SLU	0.30	3261.14	2.50	19950.50	57363.90	0.60	105.78	2.50	9281.80	53376.00	6.12
0.49	3.09	ø6/14	2	2	10(TG)	SLD	0.30	15467.60	2.50	22943.10	79509.60	0.60	6690.14	2.50	10674.10	73982.20	1.48
0.49	3.09	ø6/14	2	2	16(TG)	SLD	0.30	19239.80	2.50	22943.10	78318.00	0.60	2599.65	2.50	10674.10	72873.40	1.19
0.49	3.09	ø6/14	2	2	14(TG)	SLD	0.30	19247.20	2.50	22943.10	79943.90	0.60	3773.75	2.50	10674.10	74386.30	1.19
0.49	3.09	ø6/14	2	2	9(TG)	SLV	0.30	11709.70	2.50	19950.50	54882.90	0.60	5612.54	2.50	9281.80	51067.50	1.65
0.49	3.09	ø6/14	2	2	15(TG)	SLV	0.30	17941.10	2.50	19950.50	55151.30	0.60	199.58	2.50	9281.80	51317.20	1.11
0.49	3.09	ø6/14	2	2	13(TG)	SLV	0.30	17955.30	2.50	19950.50	55256.20	0.60	397.29	2.50	9281.80	51414.90	1.11
3.09	3.74	ø6/ 4	2	2	17	SLU	0.30	2934.78	2.22	62107.20	62107.20	0.60	147.69	2.50	32486.30	53272.70	21.16
3.09	3.74	ø6/ 4	2	2	19	SLU	0.30	3261.14	2.22	62035.60	62035.60	0.60	105.78	2.50	32486.30	53170.70	19.02
3.09	3.74	ø6/ 4	2	2	10(TG)	SLD	0.30	15467.60	2.49	79840.60	79840.60	0.60	6690.14	2.50	37359.20	73982.20	5.16
3.09	3.74	ø6/ 4	2	2	16(TG)	SLD	0.30	19239.80	2.46	79142.40	79142.40	0.60	2599.65	2.50	37359.20	72873.40	4.11
3.09	3.74	ø6/ 4	2	2	9(TG)	SLV	0.30	11709.70	2.17	60542.00	60542.00	0.60	5612.54	2.50	32486.30	51067.50	5.17
3.09	3.74	ø6/ 4	2	2	15(TG)	SLV	0.30	17941.10	2.17	60721.30	60721.30	0.60	199.58	2.50	32486.30	51317.20	3.38
4.34	4.94	ø6/ 4	2	2	18	SLU	0.30	2891.99	2.09	58305.20	58305.20	0.60	97.52	2.50	32486.30	48013.60	20.16
4.34	4.94	ø6/ 4	2	2	19	SLU	0.30	3427.04	2.09	58282.90	58282.90	0.60	11.47	2.50	32486.30	47983.80	17.01
4.34	4.94	ø6/ 4	2	2	12(TG)	SLD	0.30	10938.20	2.41	77301.70	77301.70	0.60	9792.40	2.50	37359.20	69996.90	3.82
4.34	4.94	ø6/ 4	2	2	16(TG)	SLD	0.30	25148.30	2.41	77507.10	77507.10	0.60	749.82	2.50	37359.20	70314.50	3.08

4.34	4.94	ø6/ 4	2	2	9(TG)	SLV	0.30	16009.80	2.07	57761.60	57761.60	0.60	6598.69	2.50	32486.30	47288.80	3.61
4.34	4.94	ø6/ 4	2	2	15(TG)	SLV	0.30	21510.70	2.07	57849.40	57849.40	0.60	243.36	2.50	32486.30	47405.50	2.69
4.94	6.59	ø6/12	2	2	18	SLU	0.30	2891.99	2.50	23275.60	51549.90	0.60	97.52	2.50	10828.80	47966.20	8.05
4.94	6.59	ø6/12	2	2	19	SLU	0.30	3427.04	2.50	23275.60	51517.90	0.60	11.47	2.50	10828.80	47936.40	6.79
4.94	6.59	ø6/12	2	2	12(TG)	SLD	0.30	10938.20	2.50	26767.00	75226.50	0.60	9792.40	2.50	12453.10	69996.90	1.27
4.94	6.59	ø6/12	2	2	16(TG)	SLD	0.30	25148.30	2.50	26767.00	75567.90	0.60	749.82	2.50	12453.10	70314.50	1.06
4.94	6.59	ø6/12	2	2	9(TG)	SLV	0.30	16009.80	2.50	23275.60	50821.90	0.60	6598.69	2.50	10828.80	47288.80	1.45
4.94	6.59	ø6/12	2	2	15(TG)	SLV	0.30	21510.70	2.50	23275.60	50947.30	0.60	243.36	2.50	10828.80	47405.50	1.08
6.59	7.19	ø6/ 4	2	2	18	SLU	0.30	2891.99	2.08	58172.30	58172.40	0.60	97.52	2.50	32486.30	47835.90	20.11
6.59	7.19	ø6/ 4	2	2	19	SLU	0.30	3427.04	2.08	58150.10	58150.10	0.60	11.47	2.50	32486.30	47806.10	16.97
6.59	7.19	ø6/ 4	2	2	12(TG)	SLD	0.30	10938.20	2.41	77301.70	77301.70	0.60	9792.40	2.50	37359.20	69996.90	3.82
6.59	7.19	ø6/ 4	2	2	16(TG)	SLD	0.30	25148.30	2.41	77507.10	77507.10	0.60	749.82	2.50	37359.20	70314.50	3.08
6.59	7.19	ø6/ 4	2	2	9(TG)	SLV	0.30	16009.80	2.07	57761.60	57761.60	0.60	6598.69	2.50	32486.30	47288.80	3.61
6.59	7.19	ø6/ 4	2	2	15(TG)	SLV	0.30	21510.70	2.07	57849.40	57849.40	0.60	243.36	2.50	32486.30	47405.50	2.69

Pilastrata n. 12

Caratteristiche delle sezioni e dei materiali utilizzati

Sez.	Tipo	B <cm>	H <cm>	Cf <cm>	Cls	Fck <daN/cmq>	Fctk <daN/cmq>	Fcd <daN/cmq>	Fctd <daN/cmq>	Acc.	Fyk <daN/cmq>	Fyd <daN/cmq>
1	R	30.00	30.00	3.80	C32/40	332.00	21.69	188.13	14.46	B450C	4500.00	3913.04
1	R	30.00	30.00	2.00	C32/40	332.00	21.69	188.13	14.46	B450C	4500.00	3913.04

Stato limite ultimo - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	α_y	My ver. <daNm>	Mz <daNm>	α_z	Mz ver. <daNm>	Nu <daN>	Myu <daNm>	Mzu <daNm>	α <grad>	ε_y	Sic.
-3.25	19(e)	SLU	1	1	0.00	-4870.73	-4.95		-97.41	-7.90		-97.41	-4870.73	-6495.10	-6495.03	225.00	4.86	22.596
-3.25	19(e)	SLU	1	1	0.00	-4870.73	-4.95		-97.41	-7.90		-97.41	-4870.73	-6495.10	-6495.03	225.00	4.86	22.596
-2.81	19(e)	SLU	1	1	44.14	-4741.61	1.22		94.83	-2.91		-94.83	-4741.62	6492.11	-6492.03	315.00	4.86	23.211
-2.81	19(e)	SLU	2	1	0.00	-5076.26	-2.43		-101.53	-0.90		-101.53	-5076.27	-6499.86	-6499.79	225.00	4.85	21.681
-2.37	19(e)	SLU	2	1	44.14	-4947.14	3.02		98.94	3.96		98.94	-4947.13	6496.87	6496.80	45.00	4.85	22.247
-2.37	19(e)	SLU	3	1	0.00	-5474.36	-5.24		-109.49	5.39		109.49	-5474.36	-6509.06	6508.98	135.00	4.82	20.104
-1.93	19(e)	SLU	3	1	44.14	-5345.24	7.67		106.91	10.77		106.91	-5345.25	6506.08	6506.00	45.00	4.83	20.590
-1.93	19(e)	SLU	4	1	0.00	-6195.30	-11.20		-123.91	12.67		123.91	-6195.29	-6525.62	6525.54	135.00	4.78	17.765
-1.48	19(e)	SLU	4	1	44.14	-6066.19	17.55		121.32	20.83		121.32	-6066.18	6522.66	6522.59	45.00	4.79	18.143
-1.48	19(e)	SLU	5	1	0.00	-7516.02	-22.35		-150.32	24.61		150.32	-7516.02	-6555.65	6555.57	135.00	4.71	14.643
-1.04	19(e)	SLU	5	1	44.14	-7386.90	41.59		147.74	37.33		147.74	-7386.90	6552.73	6552.65	45.00	4.72	14.899
-1.04	19(e)	SLU	6	1	0.00	-10317.20	-57.24		-206.34	50.18		206.34	-10317.20	-6617.97	6617.90	135.00	4.55	10.667
-0.60	19(e)	SLU	6	1	44.14	-10188.10	136.63		203.76	86.05		203.76	-10188.10	6615.14	6615.07	45.00	4.56	10.803
-0.60	18(e)	SLU	7	1	0.00	-16290.30	-27.13		-325.81	95.89		325.81	-16290.30	-6757.18	6757.11	135.00	4.25	6.756
-0.45	18(e)	SLU	7	1	15.14	-16246.00	226.56		324.92	120.16		324.92	-16246.00	6756.17	6756.10	45.00	4.25	6.774
3.74	5(α)	SLV	8	1	390.00	-17251.10	-935.69	1.00	-935.69	-5462.67	1.35	-7352.12	-17270.50	-1332.28	-9970.90	264.38	8.24	1.357
4.34	1(α)	SLV	9	1	0.00	-2148.07	2314.81	1.00	2314.81	3815.59	2.04	7774.54	-2148.13	2550.85	8309.25	78.75	8.64	1.072
7.50	13	SLV	9	1	316.00	-1357.49	-2016.72			-2639.82			-1357.48	-5526.03	-7310.54	230.63	5.07	2.759
-3.25	14(e)	SLD	1	1	0.00	-3764.13	14.64		75.28	111.63		111.63	-3764.13	6221.87	9118.17	56.25	5.92	43.858
-3.25	14(e)	SLD	1	1	0.00	-3764.13	14.64		75.28	111.63		111.63	-3764.13	6221.87	9118.17	56.25	5.92	43.858
-2.81	14(e)	SLD	1	1	44.14	-3664.81	6.71		73.30	76.94		76.94	-3664.80	7593.20	8079.74	46.41	5.59	45.047
-2.81	14(e)	SLD	2	1	0.00	-3930.09	1.66		78.60	59.63		78.60	-3930.08	7845.29	7845.20	45.00	5.58	42.006
-2.37	14(e)	SLD	2	1	44.14	-3830.77	4.69		76.62	24.84		76.62	-3830.76	7841.83	7841.74	45.00	5.58	43.095
-2.37	14(e)	SLD	3	1	0.00	-4246.77	-2.39		-84.94	9.53		84.94	-4246.79	-7856.31	7856.22	135.00	5.56	38.874
-1.93	14(e)	SLD	3	1	44.14	-4147.45	6.52		82.95	41.83		82.95	-4147.46	7852.85	7852.77	45.00	5.57	39.804
-1.93	14(e)	SLD	4	1	0.00	-4814.35	-5.24		-96.29	60.84		96.29	-4814.37	-7876.02	7875.94	135.00	5.54	34.291
-1.48	14(e)	SLD	4	1	44.14	-4715.03	13.68		94.30	115.23		115.23	-4715.03	7143.37	8608.78	49.22	5.56	35.013
-1.48	14(e)	SLD	5	1	0.00	-5846.40	-10.27		-116.93	139.30		139.30	-5846.40	-7182.56	8647.36	130.78	5.50	28.237
-1.04	14(e)	SLD	5	1	44.14	-5747.08	32.92		114.94	210.23		210.23	-5750.17	5254.49	9613.72	64.69	6.50	28.725
-1.04	14(e)	SLD	6	1	0.00	-8018.94	-26.36		-160.38	271.96		271.96	-8018.93	-5581.81	9735.65	118.13	6.04	20.587
-0.60	14(e)	SLD	6	1	44.14	-7919.62	114.71		158.39	454.67		454.67	-7919.62	3524.66	10190.00	75.94	8.07	20.845
-0.60	14(e)	SLD	7	1	0.00	-12597.30	-3.90		-251.94	731.26		731.26	-12597.30	-3720.48	10647.50	105.47	7.33	13.105
-0.45	14(e)	SLD	7	1	15.14	-8325.29	68.60		166.51	902.80		902.80	-8325.29	1736.17	10423.90	84.38	10.69	11.511
-0.16	14	SLD	8	1	-0.00	-18471.70	1524.09			5923.21			-18471.70	2833.89	11381.00	78.75	7.68	1.918
3.74	14	SLD	8	1	390.00	-17594.20	-862.00			-6424.40			-17594.20	-1640.08	-11406.50	264.38	9.44	1.778
4.34	14	SLD	9	1	0.00	-2003.19	1704.55			6356.43			-2003.20	2481.06	9695.69	81.56	10.39	1.521
7.50	2	SLD	9	1	316.00	-1384.58	-3041.93			-1381.55			-1384.59	-9416.69	-4091.46	196.88	8.11	3.073

Dati per verifiche di stabilità

Xg <m>	El	l_0 <m>	λ	λ*
-0.16	8	4.50	51.96	28.02
3.74	8	4.50	51.96	28.02

Stato limite ultimo - Ferri longitudinali - Verifiche armatura - Controlli di stabilità

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	My <daNm>	My ver. <daNm>	Mz <daNm>	Mz ver. <daNm>	Nu <daN>	Myu,s <daNm>	Mzu,s <daNm>	α <grad>	ε_y	Sic.
-0.16	13	SLV	8	1	-0.00	-18873.50	1392.63		5487.35		-18873.50	1749.33	9160.49	75.94	6.05	1.647

Stato limite d'esercizio - Ferri longitudinali - Verifiche armatura

Xg <m>	CC	TCC	El	Sez.	X <cm>	N <daN>	Mz <daNm>	My <daNm>	AfT <cmq>	AfC <cmq>	σ_c <daN/cmq>	σ_f <daN/cmq>
-3.25	23	SLE R	1	1	0.00	-3497.71	-9.38	-3.63	0.00	18.10	3.18	46.92
-3.25	24	SLE R	1	1	0.00	-3431.84	7.87	-2.47	0.00	18.10	3.09	45.64
-3.25	32	SLE Q	1	1	0.00	-3187.91	12.81	-2.22	0.00	18.10	2.95	43.28
-3.25	23	SLE R	1	1	0.00	-3497.71	-9.38	-3.63	0.00	18.10	3.18	46.92
-3.25	24	SLE R	1	1	0.00	-3431.84	7.87	-2.47	0.00	18.10	3.09	45.64
-3.25	32	SLE Q	1	1	0.00	-3187.91	12.81	-2.22	0.00	18.10	2.95	43.28
-2.81	23	SLE R	1	1	44.14	-3398.39	-4.71	0.85	0.00	18.10	2.98	44.43
-2.81	24	SLE R	1	1	44.14	-3332.52	6.92	0.49	0.00	18.10	2.96	43.89
-2.81	32	SLE Q	1	1	44.14	-3088.59	10.31	0.41	0.00	18.10	2.80	41.31
-2.81	23	SLE R	2	1	0.00	-3635.10	-2.75	-1.69	0.00	18.10	3.17	47.27
-2.81	24	SLE R	2	1	0.00	-3561.86	6.13	-1.45	0.00	18.10	3.15	46.85
-2.81	32	SLE Q	2	1	0.00	-3297.83	8.81	-1.25	0.00	18.10	2.97	43.88
-2.37	22	SLE R	2	1	44.14	-3526.83	3.44	1.65	0.00	18.10	3.09	45.99
-2.37	24	SLE R	2	1	44.14	-3462.54	5.06	1.88	0.00	18.10	3.06	45.48

-2.37	30	SLE	Q	2	1	44.14	-3262.79	4.61	1.43	0.00	18.10	2.88	42.77
-2.37	23	SLE	R	3	1	0.00	-3908.55	3.28	-3.65	0.00	18.10	3.44	51.19
-2.37	24	SLE	R	3	1	0.00	-3824.45	4.12	-3.54	0.00	18.10	3.38	50.23
-2.37	31	SLE	Q	3	1	0.00	-3612.76	3.91	-3.27	0.00	18.10	3.19	47.44
-1.93	23	SLE	R	3	1	44.14	-3809.23	8.23	5.37	0.00	18.10	3.46	51.01
-1.93	21	SLE	R	3	1	44.14	-3740.82	5.83	5.32	0.00	18.10	3.36	49.73
-1.93	31	SLE	Q	3	1	44.14	-3513.44	7.31	4.88	0.00	18.10	3.18	46.99
-1.93	23	SLE	R	4	1	0.00	-4410.00	10.05	-7.86	0.00	18.10	4.03	59.40
-1.93	21	SLE	R	4	1	0.00	-4331.34	6.38	-7.40	0.00	18.10	3.90	57.72
-1.93	31	SLE	Q	4	1	0.00	-4062.84	8.56	-7.11	0.00	18.10	3.70	54.59
-1.48	23	SLE	R	4	1	44.14	-4310.68	17.21	12.36	0.00	18.10	4.12	60.04
-1.48	31	SLE	Q	4	1	44.14	-3963.52	13.76	11.27	0.00	18.10	3.76	54.85
-1.48	23	SLE	R	5	1	0.00	-5335.11	20.43	-15.75	0.00	18.10	5.10	74.24
-1.48	31	SLE	Q	5	1	0.00	-4900.02	16.24	-14.32	0.00	18.10	4.64	67.75
-1.04	23	SLE	R	5	1	44.14	-5235.79	31.20	29.37	0.00	18.10	5.38	76.97
-1.04	31	SLE	Q	5	1	44.14	-4800.70	24.35	26.84	0.00	18.10	4.87	69.86
-1.04	23	SLE	R	6	1	0.00	-7306.36	41.69	-40.44	0.00	18.10	7.47	107.02
-1.04	31	SLE	Q	6	1	0.00	-6693.20	32.66	-36.91	0.00	18.10	6.76	97.11
-0.60	23	SLE	R	6	1	44.14	-7207.04	71.55	96.65	0.00	18.10	8.68	119.86
-0.60	31	SLE	Q	6	1	44.14	-6593.88	55.55	88.46	0.00	18.10	7.79	108.04
-0.60	23	SLE	R	7	1	0.00	-11488.40	118.74	-17.43	0.00	18.10	11.85	169.43
-0.60	31	SLE	Q	7	1	0.00	-10507.10	92.42	-15.86	0.00	18.10	10.60	152.29
-0.45	23	SLE	R	7	1	15.14	-11454.30	147.88	150.12	0.00	18.10	14.26	195.52
-0.45	31	SLE	Q	7	1	15.14	-10473.00	114.91	137.66	0.00	18.10	12.74	175.50
-0.16	23	SLE	R	8	1	-0.00	-25094.20	2040.83	262.51	9.05	9.05	57.82	714.30
-0.16	31	SLE	Q	8	1	-0.00	-22733.10	1850.61	249.26	4.52	13.57	52.62	649.63
3.74	23	SLE	R	8	1	390.00	-24216.70	-3104.34	-357.71	9.05	9.05	81.26	941.95
3.74	31	SLE	Q	8	1	390.00	-21855.60	-2775.62	-358.75	9.05	9.05	73.52	852.74
4.34	23	SLE	R	9	1	0.00	-2725.91	3720.62	1381.12	9.05	9.05	111.92	2134.19
4.34	31	SLE	Q	9	1	0.00	-2695.19	3333.87	1351.74	9.05	9.05	103.26	1937.56
7.50	22	SLE	R	9	1	316.00	-2005.54	-992.74	-1672.10	9.05	9.05	59.76	1048.16
7.50	30	SLE	Q	9	1	316.00	-1974.81	-924.31	-1646.43	9.05	9.05	57.54	1012.43

Verifiche stato limite di formazione delle fessure

Xg	CC	TCC	El	Sez.	X	N	My	Mz	c	s	K3	s_{rm}	Φ	A_s	$A_{c\ eff}$	σ_s	σ_{sr}	ε_{sm}	Wk
<m>					<cm>	<daN>	<daNm>	<daNm>	<mm>	<mm>		<mm>		<cmq>	<cmq>	<daN/cmq>	<daN/cmq>		<mm>
-0.16	31	SLE	Q	8	1	-0.00	-22733.10	249.26	1850.61	29.00	336.00	0.13	223.21	24.00	4.52	369.50	92.98	284.08	0.02	0.01
3.74	31	SLE	Q	8	1	390.00	-21855.60	-358.75	-2775.62	29.00	218.00	0.13	180.27	24.00	9.05	593.13	476.83	622.67	0.09	0.03
4.34	31	SLE	Q	9	1	0.00	-2695.19	1351.74	3333.87	29.00	218.00	0.13	180.26	24.00	9.05	593.09	1937.56	1057.10	0.80	0.25
7.50	30	SLE	Q	9	1	316.00	-1974.81	-1646.43	-924.31	29.00	218.00	0.13	180.26	24.00	9.05	593.08	1012.43	1018.31	0.24	0.07

Staffe - Verifiche armatura

X0	X1	Staff.	Br_y	Br_z	CC	TCC	$bw_{,y}$	$Vsdu_{,y}$	$ctg\theta_{,y}$	$VRsd_{,y}$	$VRcd_{,y}$	$bw_{,z}$	$Vsdu_{,z}$	$ctg\theta_{,z}$	$VRsd_{,z}$	$VRcd_{,z}$	Sic.T
<m>	<m>						<m>	<daN>		<daN>	<daN>	<m>	<daN>		<daN>	<daN>	
-3.25	-2.78	ø6/ 8	2	2	17	SLU	0.30	5.13	2.50	16243.10	23533.80	0.30	21.28	2.50	16243.10	23533.80	>100
-3.25	-2.78	ø6/ 8	2	2	19	SLU	0.30	11.32	2.50	16243.10	23542.50	0.30	13.97	2.50	16243.10	23542.50	>100
-3.25	-2.78	ø6/ 8	2	2	10(TG)	SLD	0.30	5516.53	2.50	18679.60	35423.80	0.30	6819.01	2.50	18679.60	35423.80	2.74
-3.25	-2.78	ø6/ 8	2	2	6(TG)	SLD	0.30	7845.15	2.50	18679.60	35384.20	0.30	2318.62	2.50	18679.60	35384.20	2.38
-3.25	-2.78	ø6/ 8	2	2	6(TG)	SLD	0.30	7885.73	2.50	18679.60	35956.10	0.30	3426.19	2.50	18679.60	35956.10	2.37
-3.25	-2.78	ø6/ 8	2	2	9(TG)	SLV	0.30	4593.49	2.50	16243.10	24018.80	0.30	5645.78	2.50	16243.10	24018.80	2.88
-3.25	-2.78	ø6/ 8	2	2	5(TG)	SLV	0.30	6751.54	2.50	16243.10	23983.90	0.30	2334.21	2.50	16243.10	23983.90	2.41
-3.25	-2.78	ø6/ 8	2	2	7(TG)	SLV	0.30	6753.83	2.50	16243.10	24096.40	0.30	2539.41	2.50	16243.10	24096.40	2.41
-2.78	-0.92	ø6/18	2	2	18	SLU	0.30	54.21	2.50	7219.18	24244.30	0.30	460.58	2.50	7219.18	24244.30	15.67
-2.78	-0.92	ø6/18	2	2	19	SLU	0.30	81.24	2.50	7219.18	24246.00	0.30	439.20	2.50	7219.18	24246.00	16.44
-2.78	-0.92	ø6/18	2	2	10(TG)	SLD	0.30	5516.53	2.50	8302.05	35423.80	0.30	6819.01	2.50	8302.05	35423.80	1.22
-2.78	-0.92	ø6/18	2	2	6(TG)	SLD	0.30	7845.15	2.50	8302.05	35384.20	0.30	2318.62	2.50	8302.05	35384.20	1.06
-2.78	-0.92	ø6/18	2	2	6(TG)	SLD	0.30	7885.73	2.50	8302.05	35956.10	0.30	3426.19	2.50	8302.05	35956.10	1.05
-2.78	-0.92	ø6/18	2	2	9(TG)	SLV	0.30	4593.49	2.50	7219.18	24018.80	0.30	5645.78	2.50	7219.18	24018.80	1.28
-2.78	-0.92	ø6/18	2	2	5(TG)	SLV	0.30	6751.54	2.50	7219.18	23983.90	0.30	2334.21	2.50	7219.18	23983.90	1.07
-2.78	-0.92	ø6/18	2	2	7(TG)	SLV	0.30	6753.83	2.50	7219.18	24096.40	0.30	2539.41	2.50	7219.18	24096.40	1.07
-0.92	-0.45	ø6/ 8	2	2	18	SLU	0.30	160.32	2.50	16243.10	25051.40	0.30	1675.33	2.50	16243.10	25051.40	9.70
-0.92	-0.45	ø6/ 8	2	2	19	SLU	0.30	232.30	2.50	16243.10	25045.50	0.30	1561.95	2.50	16243.10	25045.50	10.40
-0.92	-0.45	ø6/ 8	2	2	10(TG)	SLD	0.30	5516.53	2.50	18679.60	35423.80	0.30	6819.01	2.50	18679.60	35423.80	2.74
-0.92	-0.45	ø6/ 8	2	2	6(TG)	SLD	0.30	7845.15	2.50	18679.60	35384.20	0.30	2318.62	2.50	18679.60	35384.20	2.38
-0.92	-0.45	ø6/ 8	2	2	6(TG)	SLD	0.30	7885.73	2.50	18679.60	35956.10	0.30	3426.19	2.50	18679.60	35956.10	2.37
-0.92	-0.45	ø6/ 8	2	2	9(TG)	SLV	0.30	4593.49	2.50	16243.10	24018.80	0.30	5645.78	2.50	16243.10	24018.80	2.88
-0.92	-0.45	ø6/ 8	2	2	5(TG)	SLV	0.30	6751.54	2.50	16243.10	23983.90	0.30	2334.21	2.50	16243.10	23983.90	2.41
-0.92	-0.45	ø6/ 8	2	2	7(TG)	SLV	0.30	6753.83	2.50	16243.10	24096.40	0.30	2539.41	2.50	16243.10	24096.40	2.41
-0.16	0.49	ø6/ 8	2	2	18	SLU	0.30	1692.88	2.50	16243.10	27429.80	0.30	304.86	2.50	16243.10	27429.80	9.59
-0.16	0.49	ø6/ 8	2	2	19	SLU	0.30	1841.18	2.50	16243.10	27429.80	0.30	212.65	2.50	16243.10	27429.80	8.82
-0.16	0.49	ø6/ 8	2	2	2(TG)	SLD	0.30	4863.29	2.50	18679.60	37381.30	0.30	4721.44	2.50	18679.60	37381.30	3.84
-0.16	0.49	ø6/ 8	2	2	8(TG)	SLD	0.30	6894.53	2.50	18679.60	37689.90	0.30	962.28	2.50	18679.60	37689.90	2.71
-0.16	0.49	ø6/ 8	2	2	1(TG)	SLV	0.30	3399.95	2.50	16243.10	25501.40	0.30	3772.76	2.50	16243.10	25501.40	4.31
-0.16	0.49	ø6/ 8	2	2	1(TG)	SLV	0.30	3629.53	2.50	16243.10	25933.70	0.30	3774.93	2.50	16243.10	25933.70	4.30
-0.16	0.49	ø6/ 8	2	2	7(TG)	SLV	0.30	6084.82	2.50	16243.10	26217.30	0.30	629.39	2.50	16243.10	26217.30	2.67
-0.16	0.49	ø6/ 8	2	2	15(TG)	SLV	0.30	6104.66	2.50	16243.10	26319.10	0.30	827.68	2.50	16243.10	26319.10	2.66
0.49	3.09	ø6/20	2	2	18	SLU	0.30	1692.88	2.50	6497.26	27429.80	0.30	304.86	2.50	6497.26	27429.80	3.84
0.49	3.09	ø6/20	2	2	19	SLU	0.30	1841.18	2.50	6497.26	27429.80	0.30	212.65	2.50	6497.26	27429.80	3.53
0.49	3.09	ø6/20	2	2	2(TG)	SLD	0.30	4863.29	2.50	7471.85	37381.30	0.30	4721.44	2.50	7471.85	37381.30	1.54
0.49	3.09	ø6/20	2	2	8(TG)	SLD	0.30	6894.53	2.50	7471.85	37689.90	0.30	962.28	2.50	7471.85	37689.90	1.08
0.49	3.09	ø6/20	2	2	1(TG)	SLV	0.30	3399.95	2.50	6497.26	25501.40	0.30	3772.76	2.50	6497.26	25501.40	1.72
0.49	3.09	ø6/20	2	2	1(TG)	SLV	0.30	3629.53	2.50	6497.26	25933.70	0.30	3774.93	2.50	6497.26	25933.70	1.72
0.49	3.09	ø6/20	2	2	7(TG)	SLV	0.30	6084.82	2.50	6497.26	26217.30	0.30	629.39	2.50	6497.26	26217.30	1.07
0.49	3.09	ø6/20	2	2	15(TG)	SLV	0.30	6104.66	2.50	6497.26	26319.10	0.30	827.68	2.50	6497.26	26319.10	1.06
3.09	3.74	ø6/ 8	2	2	18	SLU	0.30	1692.88	2.50	16243.10	27429.80	0.30	304.86	2.50	16243.10	27429.80	9.59
3.09	3.74	ø6/ 8	2	2	19	SLU	0.30	1841.18	2.50	16243.10	27429.80	0.30	212.65	2.50	16243.10	27429.80	8.82
3.09	3.74	ø6/ 8	2	2	2(TG)	SLD	0.30	4863.29	2.50	18679.60	37381.30	0.30	4721.44	2.50	18679.60	37381.30	3.84
3.09	3.74	ø6/ 8	2	2	8(TG)	SLD	0.30	6894.53	2.50	18679.60	37689.90	0.30	962.28	2.50	18679.60	37689.90	2.71
3.09	3.74	ø6/ 8	2	2	1(TG)	SLV	0.30	3399.95	2.50	16243.10	25501.40	0.30	3772.76	2.50	16243.10	25501.40	4.31
3.09	3.74	ø6/ 8	2	2	1(TG)	SLV	0.30	3629.53	2.50	16243.10	25933.70	0.30	3774.93	2.50	16243.10	25933.70	4.30
3.09	3.74	ø6/ 8	2	2	7(TG)	SLV	0.30	6084.82	2.50	16243.10	26217.30	0.30	629.39	2.50	16243.10	26217.30	2.67
3.09	3.74	ø6/ 8	2	2	15(TG)	SLV	0.30	6104.66	2.50	16243.10	26319.10	0.30	827.68	2.50	16243.10	26319.10	2.66
4.34	4.87	ø6/ 8	2	2	18	SLU	0.30	2035.18	2.50	16243.10	23338.70	0.30	1284.18	2.50	16243.10	23338.70	7.98
4.34	4.87	ø6/ 8	2	2	19	SLU	0.30	2136.04	2.50	16243.10	23339.90	0.30	1209.13	2.50	16243.10	23339.90	7.60
4.34	4.87	ø6/ 8	2	2	6(TG)	SLD	0.30	3102.78	2.50	18679.60	34637.20	0.30	5994.40	2.50	18679.60	34637.20	3.12

4.34	4.87	ø6/ 8	2	2	10(TG)	SLD	0.30	6700.67	2.50	18679.60	34624.70	0.30	2039.96	2.50	18679.60	34624.70	2.79
4.34	4.87	ø6/ 8	2	2	5(TG)	SLV	0.30	4037.47	2.50	16243.10	23199.30	0.30	4892.03	2.50	16243.10	23199.30	3.32
4.34	4.87	ø6/ 8	2	2	9(TG)	SLV	0.30	5858.12	2.50	16243.10	23188.50	0.30	1407.96	2.50	16243.10	23188.50	2.77
4.87	6.97	ø6/22	2	2	18	SLU	0.30	2035.18	2.50	5906.60	23317.90	0.30	1284.18	2.50	5906.60	23317.90	2.90
4.87	6.97	ø6/22	2	2	19	SLU	0.30	2136.04	2.50	5906.60	23319.10	0.30	1209.13	2.50	5906.60	23319.10	2.77
4.87	6.97	ø6/22	2	2	6(TG)	SLD	0.30	3102.78	2.50	6792.59	34637.20	0.30	5994.40	2.50	6792.59	34637.20	1.13
4.87	6.97	ø6/22	2	2	10(TG)	SLD	0.30	6700.67	2.50	6792.59	34624.70	0.30	2039.96	2.50	6792.59	34624.70	1.01
4.87	6.97	ø6/22	2	2	5(TG)	SLV	0.30	4037.47	2.50	5906.60	23199.30	0.30	4892.03	2.50	5906.60	23199.30	1.21
4.87	6.97	ø6/22	2	2	9(TG)	SLV	0.30	5858.12	2.50	5906.60	23188.50	0.30	1407.96	2.50	5906.60	23188.50	1.01
6.97	7.50	ø6/ 8	2	2	18	SLU	0.30	2035.18	2.50	16243.10	23234.70	0.30	1284.18	2.50	16243.10	23234.70	7.98
6.97	7.50	ø6/ 8	2	2	19	SLU	0.30	2136.04	2.50	16243.10	23236.00	0.30	1209.13	2.50	16243.10	23236.00	7.60
6.97	7.50	ø6/ 8	2	2	6(TG)	SLD	0.30	3102.78	2.50	18679.60	34637.20	0.30	5994.40	2.50	18679.60	34637.20	3.12
6.97	7.50	ø6/ 8	2	2	10(TG)	SLD	0.30	6700.67	2.50	18679.60	34624.70	0.30	2039.96	2.50	18679.60	34624.70	2.79
6.97	7.50	ø6/ 8	2	2	5(TG)	SLV	0.30	4037.47	2.50	16243.10	23199.30	0.30	4892.03	2.50	16243.10	23199.30	3.32
6.97	7.50	ø6/ 8	2	2	9(TG)	SLV	0.30	5858.12	2.50	16243.10	23188.50	0.30	1407.96	2.50	16243.10	23188.50	2.77

Verifiche tamponature

Simbologia

Tam. = Numero della tamponatura
Tt = Numero del tipo tamponatura
Spess. = Spessore
Peso = Peso per unità di superficie della tamponatura
E = Modulo elastico
Fk = Resistenza caratteristica della tamponatura
Fd = Resistenza di calcolo della tamponatura
h = Altezza
Z = Quota del baricentro della tamponatura rispetto alla quota di riferimento per azioni sismiche
Wa = Peso totale della tamponatura
TCC = Tipo di combinazione di carico
- SLU = Stato limite ultimo
- SLU S = Stato limite ultimo (azione sismica)
- SLE R = Stato limite d'esercizio, combinazione rara
- SLE F = Stato limite d'esercizio, combinazione frequente
- SLE Q = Stato limite d'esercizio, combinazione quasi permanente
- SLD = Stato limite di danno
- SLV = Stato limite di salvaguardia della vita
- SLC = Stato limite di prevenzione del collasso
- SLO = Stato limite di operatività
- SLU I = Stato limite di resistenza al fuoco

Ta = Periodo proprio di vibrazione della tamponatura
Q = Carico uniformemente distribuito dovuto alla forza sismica Fa
N = Sforzo normale
M = Momento flettente agente o momento ribaltante
Mu = Momento ultimo o momento stabilizzante

Configurazione geometrica e caratteristiche dei materiali utilizzati

Tt	Spess. <cm>	Peso <daN/mq>	E <daN/cmq>	Fk <daN/cmq>	Fd <daN/cmq>
1	50.00	550.00	50000.00	50.00	25.00

Verifiche per azioni ortogonali

Tam.	Tt	h <m>	Z <m>	Wa <daN/m>	TCC	Ta <sec>	Q <daN/mq>	N <daN/m>	M <daNm/m>	Mu <daNm/m>
101	1	4.21	5.34	2315.50	SLV	0.04	95.31	1157.75	211.16	286.28
102	1	3.23	9.31	1776.50	SLV	0.02	120.51	888.25	157.16	220.21
103	1	4.28	5.34	2354.00	SLV	0.04	95.58	1177.00	218.86	290.99
104	1	3.90	5.34	2145.00	SLV	0.03	94.17	1072.50	179.03	265.42
105	1	3.90	5.34	2145.00	SLV	0.03	94.17	1072.50	179.03	265.42
106	1	3.90	5.34	2145.00	SLV	0.03	94.17	1072.50	179.03	265.42
107	1	3.90	5.34	2145.00	SLV	0.03	94.17	1072.50	179.03	265.42
108	1	3.90	5.34	2145.00	SLV	0.03	94.17	1072.50	179.03	265.42
109	1	3.90	5.34	2145.00	SLV	0.03	94.17	1072.50	179.03	265.42
110	1	3.90	5.34	2145.00	SLV	0.03	94.17	1072.50	179.03	265.42
111	1	3.90	5.34	2145.00	SLV	0.03	94.17	1072.50	179.03	265.42
112	1	3.90	5.34	2145.00	SLV	0.03	94.17	1072.50	179.03	265.42
201	1	3.16	9.31	1738.00	SLV	0.02	120.26	869.00	150.11	215.47
203	1	3.23	9.31	1776.50	SLV	0.02	120.51	888.25	157.16	220.21
204	1	3.16	9.31	1738.00	SLV	0.02	120.26	869.00	150.11	215.47
205	1	3.16	9.31	1738.00	SLV	0.02	120.26	869.00	150.11	215.47
206	1	3.16	9.31	1738.00	SLV	0.02	120.26	869.00	150.11	215.47
207	1	2.85	9.31	1567.50	SLV	0.02	119.24	783.75	121.06	194.49
209	1	2.85	9.31	1567.50	SLV	0.02	119.24	783.75	121.06	194.49
211	1	2.85	9.31	1567.50	SLV	0.02	119.24	783.75	121.06	194.49
212	1	2.85	9.31	1567.50	SLV	0.02	119.24	783.75	121.06	194.49