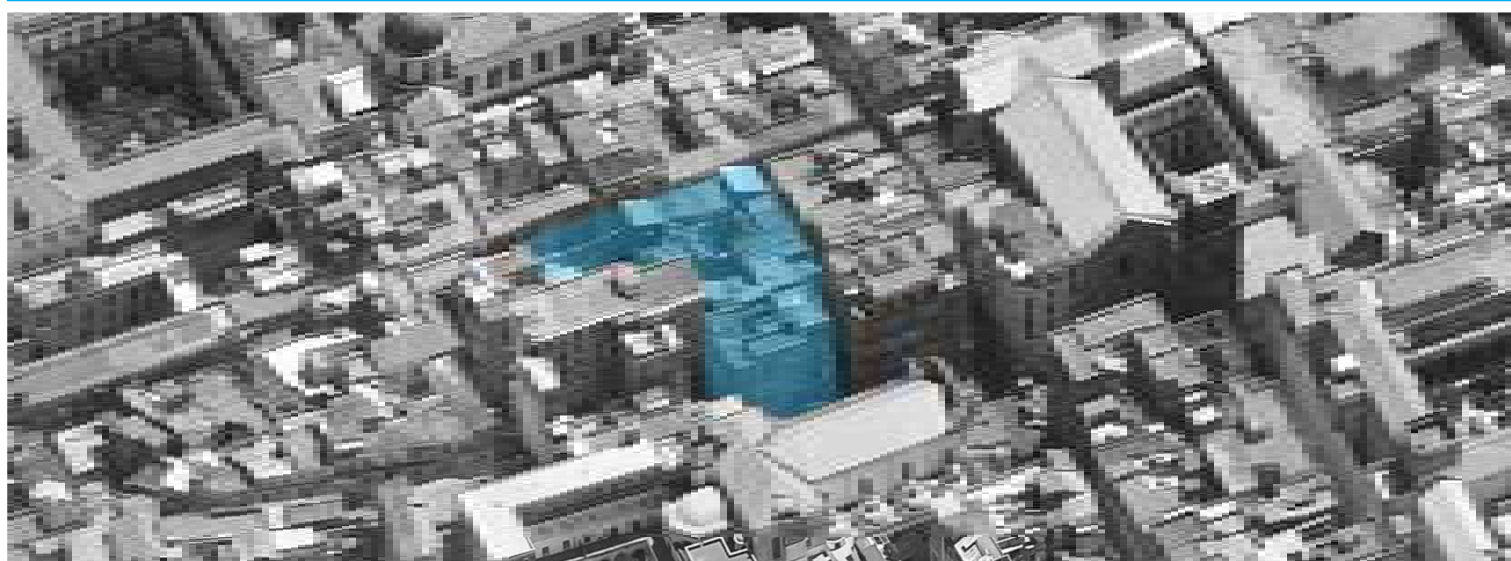




Grande Progetto Centro Storico di Napoli - Valorizzazione del sito UNESCO - POR Campania FESR 2014/2020 - Obiettivo Operativo: Asse VI - Priorità di investimento 6c - Obiettivo specifico 6.7 - Azioni 6.7.1 e 6.8.3. Intervento n.22: *Tempio della Scorziata. Recupero e rifunzionalizzazione lotto A*. "Lavori di messa in sicurezza, indagini diagnostiche-conoscitive, progettazione esecutiva ed esecuzione delle opere strutturali" CUP B68I12000970006 - CIG 88594655CC

PROGETTO DI VARIANTE

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Geo Consultlab srl (mandante)



oggetto:			tavola:	scala:
ALLEGATO 2				
Fascicolo dei calcoli - puntellatura solaio Chiesa			0_PV_EG_PC2	-
descrizione:	controllato da:	approvato da:	formato:	data:
prima emissione			A4	luglio 2023



OGGETTO: Recupero e rifunzionalizzazione del Tempio
della Scorziata – Napoli LOTTO A

ELABORATO: Fascicolo dei calcoli puntellatura solaio
chiesa

COMMITTENTE: Comune di Napoli

IMPRESA: ATI Minerva Restauri srl – GeoconsultLab srl

Il Progettista:

Prof. Ing. Michele Candela



Marzo 2023



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

Origine e Caratteristiche dei Codici di Calcolo	
Codice di calcolo:	PRO_SAP PROfessional Structural Analysis Program
Versione:	PROFESSIONAL (build 2021-05-192)
Produttore-Distributore:	2S.I. Software e Servizi per l'Ingegneria s.r.l. Via Garibaldi, 90 44121 Ferrara FE (Italy) Tel. +39 0532 200091 www.2si.it
Codice Licenza:	Licenza dsi6263

Descrizione	
Progetto	Recupero e rifunzionalizzazione del Tempio della Scorzata – Napoli LOTTO A
Ubicazione	Comune di NAPOLI (NA) (Regione CAMPANIA) Località Vico cinquesanti, 27 Longitudine 14.158, Latitudine 40.511
Progettista	Prof. Ing. Michele Candela

In merito al punto 10.2 delle Norme Tecniche per le Costruzioni (*Affidabilità dei codici utilizzati*), si fa riferimento al **Documento di Affidabilità** “Test di validazione del software di calcolo PRO_SAP e dei moduli aggiuntivi PRO_SAP Modulo Geotecnico, PRO_CAD nodi acciaio e PRO_MST” disponibile per il download sul sito: <https://www.2si.it/it/prodotti/affidabilita/>

INTESTAZIONE E CONTENUTI DELLA RELAZIONE

Progetto

OGGETTO: Recupero e rifunzionalizzazione del Tempio

della Scorziata – Napoli LOTTO A

PROGETTO: Puntellatura del solaio delle chiesa mediante la tecnologia a tubi e giunti utilizzata per la realizzazione dei ponteggi fissi.

COMMITTENTE: Comune di Napoli

IMPRESA: ATI Minerva Restauri srl – GeoconsultLab srl

Contenuti della relazione:

RELAZIONE DI CALCOLO STRUTTURALE

- *Origine e Caratteristiche dei Codici di Calcolo*
- *Affidabilità dei codici utilizzati*
- *Validazione dei codici*
- *Tipo di analisi svolta*
- *Modalità di presentazione dei risultati*

- Informazioni generali sull'elaborazione
- Giudizio motivato di accettabilità dei risultati

STAMPA DEI DATI DI INGRESSO

- Normative prese a riferimento
- Criteri adottati per le misure di sicurezza
- Criteri seguiti nella schematizzazione della struttura, dei vincoli e delle sconnessioni
- Interazione tra terreno e struttura
- Legami costitutivi adottati per la modellazione dei materiali e dei terreni
- Schematizzazione delle azioni, condizioni e combinazioni di carico
- Metodologie numeriche utilizzate per l'analisi strutturale
- Metodologie numeriche utilizzate per la progettazione e la verifica degli elementi strutturali

STAMPA DEI RISULTATI

Il Progettista: Prof. Ing. Michele Candela



17 marzo 2023

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RELAZIONE DI CALCOLO STRUTTURALE

Premessa

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

Nella presente parte sono riportati i principali elementi di inquadramento del progetto esecutivo riguardante le struttura della puntellatura del solaio della chiesa del Tempio della Scorziata sito in Napoli in Vico Cinquesanti, 27.

Descrizione generale dell'opera

La puntellatura del solaio verrà realizzata mediante la tecnologia a tubi e giunti utilizzata per la realizzazione dei ponteggi fissi.

Tale tecnologia è costituita montanti, traversi e diagonali in elementi tubolari in acciaio collegati tra loro mediante giunti brevettati suddivisi in tre categorie: di tenuta, ortogonali e girevoli.

Alla base di ciascun montante verticale sono posizionate le basette regolabili che trasferiscono le azioni al piano di appoggio della puntellatura.

Nel caso specifico è previsto l'utilizzo delle basette anche alla sommità del puntellatura al fine di costituire un efficace contrasto all'intradosso delle travi in acciaio del solaio.

Descrizione generale dell'opera	
Fabbricato ad uso	
Ubicazione	Comune di NAPOLI (NA) (Regione CAMPANIA)
	Località Vico Cinquesanti, 27
	Longitudine 14.158, Latitudine 40.511
Numero di piani	Fuori terra
	Interrati
	le dimensioni dell'opera in pianta sono racchiuse in un rettangolo di 13,50x4,80 m.
Numero vani scale	0
Numero vani ascensore	0
Tipo di fondazione	La puntellatura poggia sulla pavimentazione a piano terra della chiesa.

Principali caratteristiche della struttura	
Struttura regolare in pianta	SI
Struttura regolare in altezza	SI
Classe di duttilità	La classe duttilità non viene utilizzata in quanto vengono effettuate le verifiche per sole azioni statiche.
Tipo Struttura	Struttura in acciaio costituita da montanti traversi e diagonali realizzati con tubi Ø 48,3x3,2 uniti mediante giunti brevettati
Tipo di fondazione	La puntellatura poggia sulla pavimentazione a piano terra della chiesa

Condizioni per cui è necessario considerare la componente verticale del sisma	
---	--

Parametri della struttura			
Classe d'uso	Vita Vn [anni]	Coeff. Uso	Periodo Vr [anni]
III	< 2	1.5	75.0

Fattore di struttura/comportamento
Essendo la puntellatura temporanea e provvisoria con vita nominale VN inferiore a 2 anni vengono effettuate le verifiche per sole azioni statiche.

Quadro normativo di riferimento adottato

Le norme ed i documenti assunti quale riferimento per la progettazione strutturale vengono indicati di seguito.

Nel capitolo “normativa di riferimento” è comunque presente l’elenco completo delle normative disponibili.

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

Azioni di progetto sulla costruzione

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

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

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

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

$$K * u = F \quad \text{dove} \quad K = \text{matrice di rigidezza}$$

\mathbf{u} = vettore spostamenti nodali

\mathbf{F} = vettore forze nodali

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

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

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

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

Modello numerico

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

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

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

Informazioni sul codice di calcolo	
Titolo:	PRO_SAP PROfessional Structural Analysis Program
Versione:	PROFESSIONAL (build 2021-05-192)
Produttore-Distributore:	2S.I. Software e Servizi per l'Ingegneria s.r.l.,

	Ferrara
Dati utente finale:	
Codice Utente:	
Codice Licenza:	Licenza dsi6263

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

Affidabilità dei codici utilizzati
2S.I. ha verificato l'affidabilità e la robustezza del codice di calcolo attraverso un numero significativo di casi prova in cui i risultati dell'analisi numerica sono stati confrontati con soluzioni teoriche.
E' possibile reperire la documentazione contenente alcuni dei più significativi casi trattati al seguente link: https://www.2si.it/it/prodotti/affidabilita/

Modellazione della geometria e proprietà meccaniche:	
nodi	1456
elementi D2 (per aste, travi, pilastri...)	4390
elementi D3 (per pareti, platee, gusci...)	0
elementi solaio	0
elementi solidi	0
Dimensione del modello strutturale [cm]:	
X min =	-49.78
Xmax =	430.22
Ymin =	101.97
Ymax =	1541.97
Zmin =	0.00
Zmax =	1100.00
Strutture verticali:	
Elementi di tipo asta	SI
Pilastri	SI
Pareti	NO
Setti (a comportamento membranale)	NO
Strutture non verticali:	
Elementi di tipo asta	SI
Travi	SI
Gusci	NO

Membrane	NO
Orizzontamenti:	
Solai con la proprietà piano rigido	NO
Solai senza la proprietà piano rigido	NO
Tipo di vincoli:	
Nodi vincolati rigidamente	SI
Nodi vincolati elasticamente	NO
Nodi con isolatori sismici	NO
Fondazioni puntuali (plinti/plinti su palo)	NO
Fondazioni di tipo trave	NO
Fondazioni di tipo platea	NO
Fondazioni con elementi solidi	NO

Modellazione delle azioni

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

Combinazioni e/o percorsi di carico

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

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

Principali risultati

I risultati devono costituire una sintesi completa ed efficace, presentata in modo da riassumere il comportamento della struttura, per ogni tipo di analisi svolta.

Nella presente relazione di calcolo sono riportati i seguenti risultati che il progettista ritiene di interesse per la descrizione e la comprensione del/i modello/i e del comportamento della struttura:

per l'analisi modale:

- periodi dei modi di vibrare della struttura
- masse eccitate dai singoli modi
- massa eccitata totale

deformate e sollecitazioni:

- spostamenti e rotazioni dei singoli nodi della struttura
- reazioni vincolari (nel caso siano presenti nodi vincolati rigidamente)
- pressioni sul terreno (nel caso siano presenti elementi di fondazione)
- sollecitazioni sugli elementi d2 nelle combinazioni di calcolo più significative
- tensioni sugli elementi d3 nelle combinazioni di calcolo più significative
- sollecitazioni sui macroelementi da elementi d3 nelle combinazioni di calcolo più significative

La presente relazione, oltre ad illustrare in modo esaustivo i dati in ingresso ed i risultati delle analisi in forma tabellare, riporta una serie di immagini:

per i dati in ingresso:

- modello solido della struttura
- numerazione di nodi e ed elementi
- configurazioni di carico statiche
- configurazioni di carico sismiche con baricentri delle masse e eccentricità

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

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

per il progetto-verifica degli elementi:

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

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

Il programma prevede una serie di controlli automatici (check) che consentono l'individuazione di errori di modellazione. Al termine dell'analisi un controllo automatico identifica la presenza di spostamenti o rotazioni abnormi. Si può pertanto asserire che l'elaborazione sia corretta e completa. I

risultati delle elaborazioni sono stati sottoposti a controlli che ne comprovano l'attendibilità. Tale valutazione ha compreso il confronto con i risultati di semplici calcoli, eseguiti con metodi tradizionali e adottati, anche in fase di primo proporzionamento della struttura. Inoltre, sulla base di considerazioni riguardanti gli stati tensionali e deformativi determinati, si è valutata la validità delle scelte operate in sede di schematizzazione e di modellazione della struttura e delle azioni. Si allega al termine della presente relazione elenco sintetico dei controlli svolti (verifiche di equilibrio tra reazioni vincolari e carichi applicati, comparazioni tra i risultati delle analisi e quelli di valutazioni semplificate, etc.) .

Sono stati effettuati controlli sui risultati delle sollecitazioni, delle deformate e delle reazioni vincolari alla base della struttura.

Dai controlli effettuati si evince che i risultati delle sollecitazioni sono coerenti con lo schema utilizzato essendo le aste sottoposte a sollecitazioni prevalentemente di sforzo normale avendo ipotizzati i nodi a cerniera.

Gli spostamenti delle deformate risultano compatibili con i carichi agenti sulla struttura.

Le reazioni vincolari alla base della struttura sono dirette secondo la direzione z con verso in basso con valori trascurabili nelle altre direzioni. Tale risultato è compatibile con i carichi agenti sulla struttura diretti secondo la direzione verticale con verso in basso.

Verifiche agli stati limite ultimi

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

Verifiche agli stati limite di esercizio

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

RELAZIONE SUI MATERIALI

Il capitolo Materiali riporta informazioni esaustive relative all'elenco dei materiali impiegati e loro modalità di posa in opera e ai valori di calcolo.

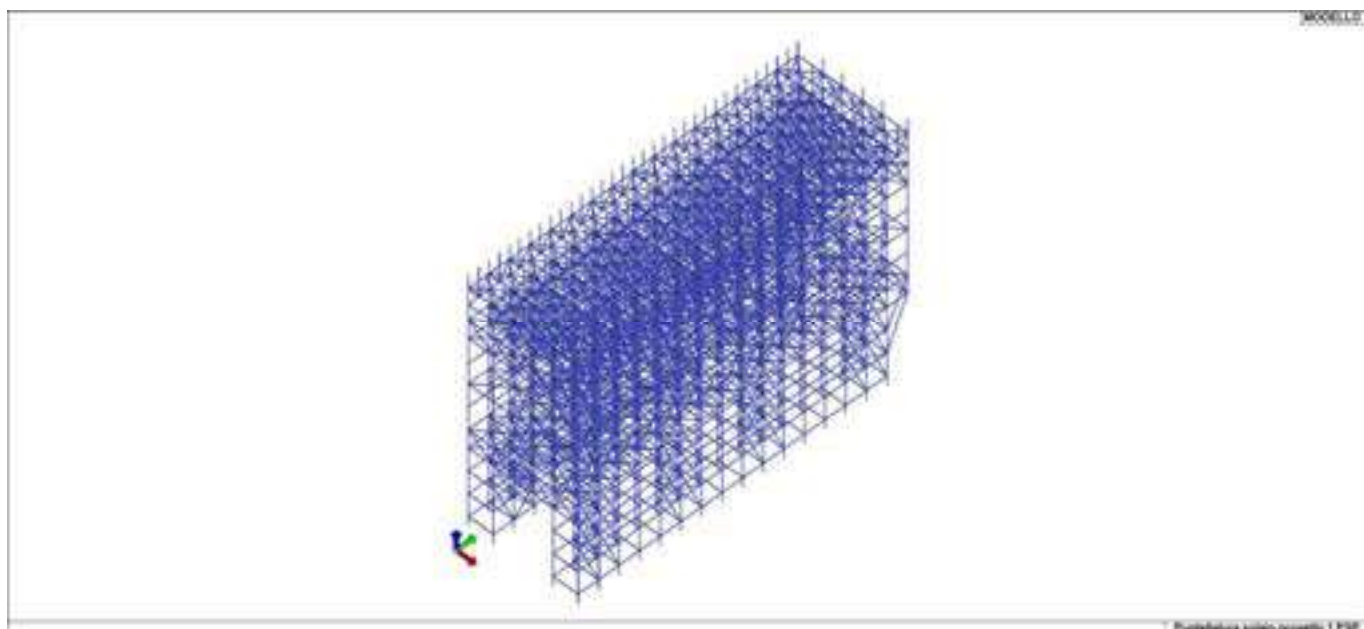
NORMATIVA DI RIFERIMENTO

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

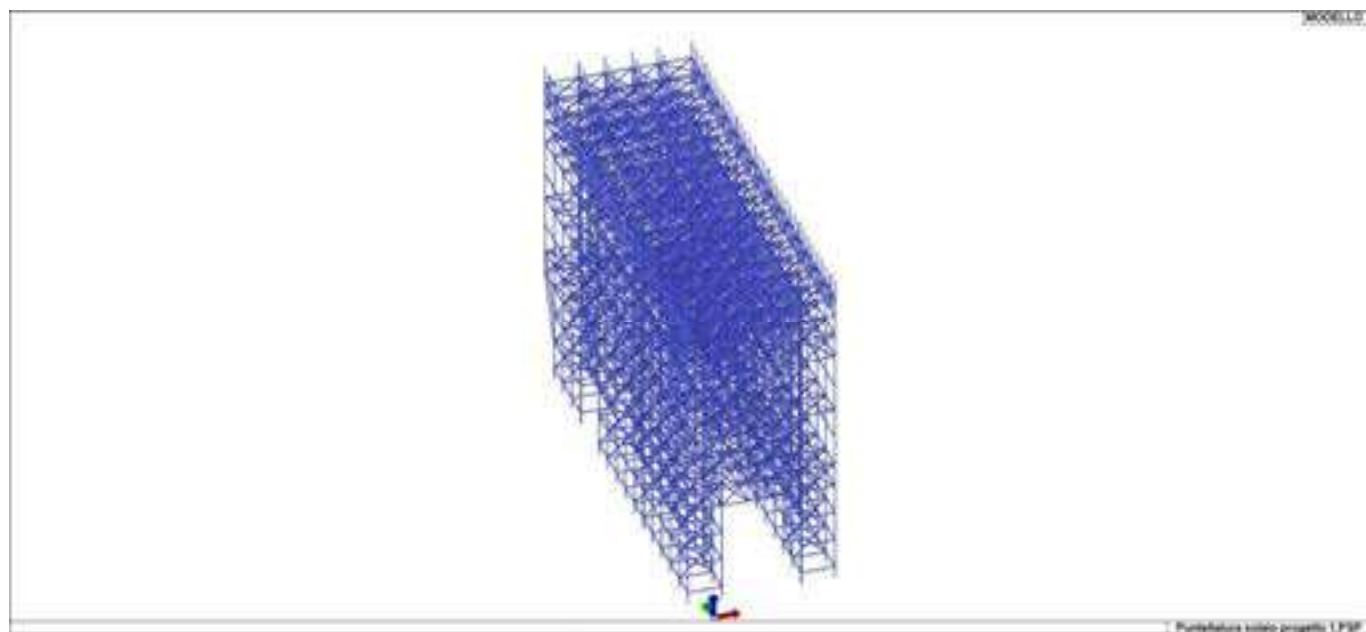
di calcolo semplificato per strutture di muratura non armata.

31. UNI EN 1997-1:2005 01/02/2005 Eurocodice 7 - Progettazione geotecnica - Parte 1: Regole generali.
32. UNI EN 1998-1:2005 01/03/2005 Eurocodice 8 - Progettazione delle strutture per la resistenza sismica - Parte 1: Regole generali, azioni sismiche e regole per gli edifici.
33. UNI EN 1998-3:2005 01/08/2005 Eurocodice 8 - Progettazione delle strutture per la resistenza sismica - Parte 3: Valutazione e adeguamento degli edifici.
34. UNI EN 1998-5:2005 01/01/2005 Eurocodice 8 - Progettazione delle strutture per la resistenza sismica - Parte 5: Fondazioni, strutture di contenimento ed aspetti geotecnici.

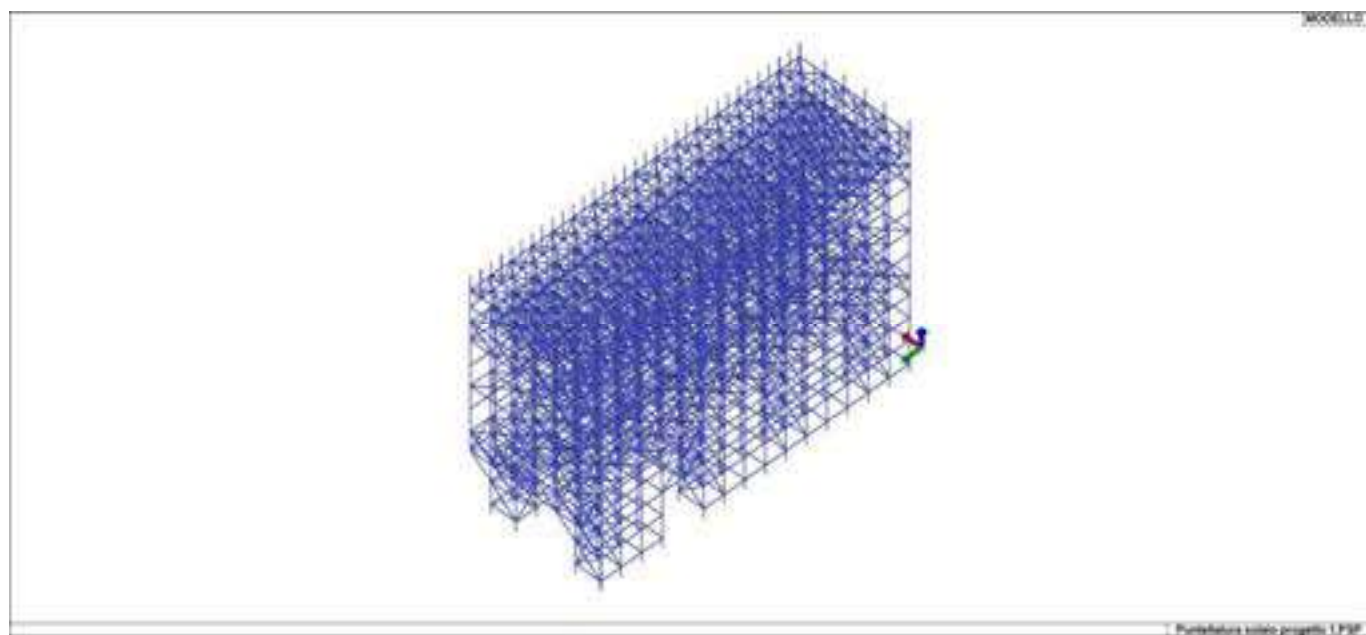
NOTA il capitolo "normativa di riferimento": riporta l'elenco delle normative implementate nel software. Le norme utilizzate per la struttura oggetto della presente relazione sono indicate nel precedente capitolo "RELAZIONE DI CALCOLO STRUTTURALE" "ANALISI E VERIFICHE SVOLTE CON L'AUSILIO DI CODICI DI CALCOLO". Laddove nei capitoli successivi vengano richiamate norme antecedenti al DM 17.01.18 è dovuto o a progettazione simulata di edificio esistente.



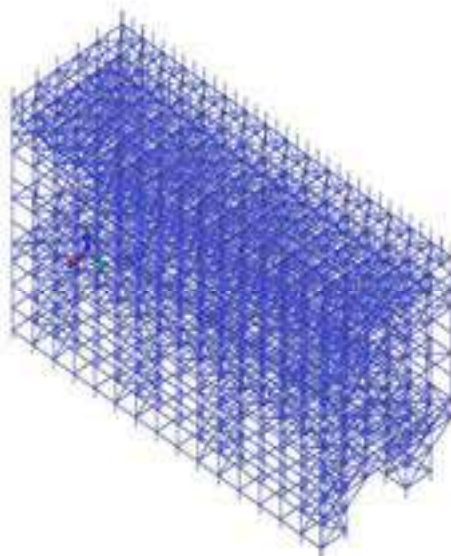
01_INT_VISTA_SOLIDA_001



01_INT_VISTA_SOLIDA_002



01_INT_VISTA_SOLIDA_003



01_INT_VISTA_SOLIDA_004

CARATTERISTICHE MATERIALI UTILIZZATI

LEGENDA TABELLA DATI MATERIALI

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

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

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

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

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

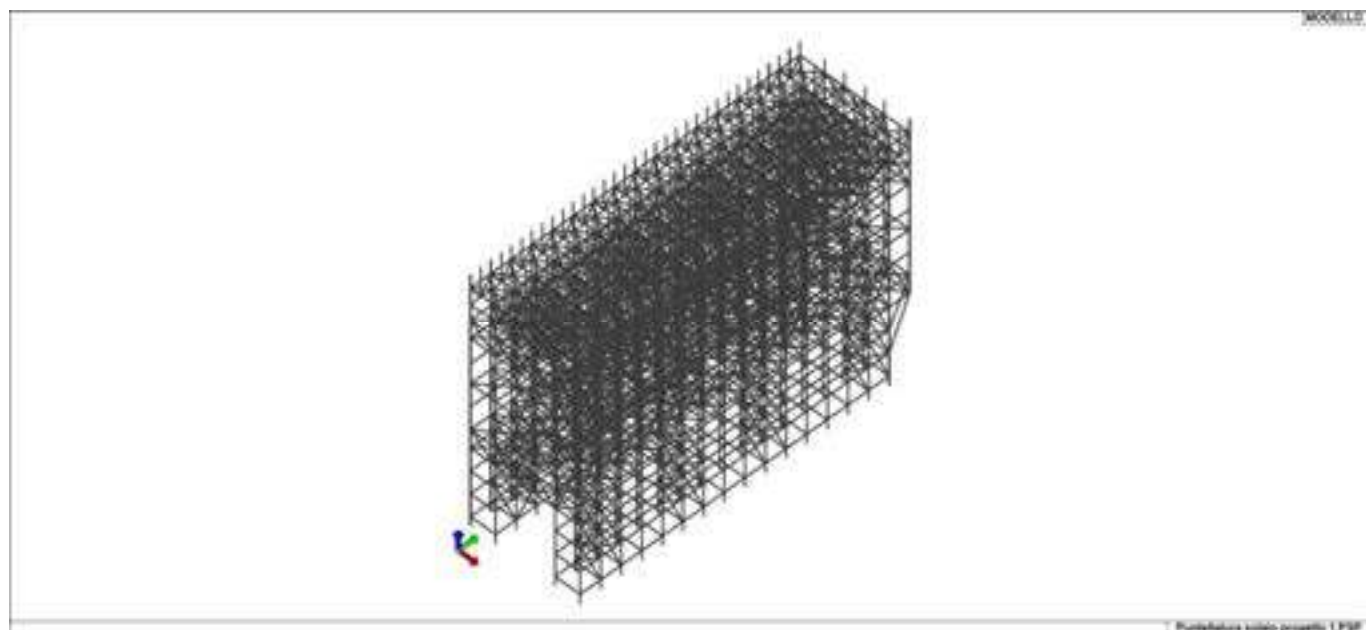
1	c.a.	Resistenza Rc	resistenza a compressione cubica
		Resistenza fctm	resistenza media a trazione semplice
		Coefficiente ksb	Coefficiente di riduzione della resistenza a compressione da utilizzare nello stress block
2	acciaio	Tensione ft	Valore della tensione di rottura
		Tensione fy	Valore della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

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

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

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

Id	Tipo / Note	V. caratt.	V. medio	Young	Poisson	G	Gamma	Alfa	Altri
		daN/cm2	daN/cm2	daN/cm2		daN/cm2	daN/cm3		
11	Acciaio Fe360 - S235-acciaio Fe360-S235			2.100e+06	0.30	8.077e+05	7.85e-03	1.20e-05	
	Tensione ft	3600.0							
	Resistenza fd	2350.0							
	Resistenza fd (>40)	2100.0							
	Tensione ammissibile	1600.0							
	Tensione ammissibile (>40)	1400.0							
	Rapporto HRDb								1.00e-05
	Rapporto HRDv								1.00e-05



11_MOD_MATERIALI_D2

Aste acc.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Generalità						
Beta assegnato	0.80					
Verifica come controvento	NO					
Usa condizioni I e II	SI					
Coefficiente gamma M0	1.05					
Coefficiente gamma M1	1.05					
Coefficiente gamma M2	1.25					

Pilastr acc.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Lunghezze libere						
Metodo di calcolo 2-2	Assegnato					
2-2 Beta assegnato	2.00					
2-2 Beta * L assegnato [cm]	0.0					
Metodo di calcolo 3-3	Assegnato					
3-3 Beta assegnato	2.00					
3-3 Beta * L assegnato [cm]	0.0					
1-1 Beta assegnato	1.00					
1-1 Beta * L assegnato [cm]	0.0					
Generalità						
Coefficiente gamma M0	1.05					
Coefficiente gamma M1	1.05					
Coefficiente gamma M2	1.25					
Effetti del 2 ordine	SI					
Momenti equivalenti	SI					
Usa condizioni I e II	SI					

Travi acc.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Lunghezze libere						
3-3 Beta * L automatico	SI					
3-3 Beta assegnato	1.00					
3-3 Beta assegnato [cm]	0.0					
2-2 Beta * L automatico	SI					
2-2 Beta assegnato	1.00					
2-2 Beta * L assegnato [cm]	0.0					
1-1 Beta * L automatico	SI					
1-1 Beta assegnato	1.00					
1-1 Beta * L assegnato [cm]	0.0					

Travi acc.	1/7/..	2/8/..	3/9/..	4/10/..	5/11/..	6/12/..
Generalità						
Coefficiente gamma M0	1.05					
Coefficiente gamma M1	1.05					
Coefficiente gamma M2	1.25					
Luce di taglio per GR [cm]	1.00					
Usa condizioni I e II	SI					
Momenti equivalenti	SI					

MODELLAZIONE DELLE SEZIONI

LEGENDA TABELLA DATI SEZIONI

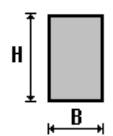
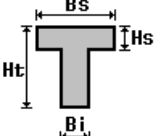
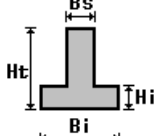
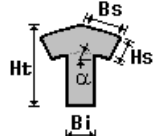
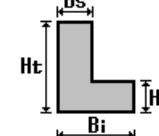

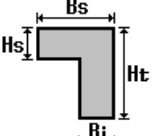

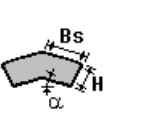

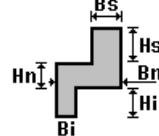

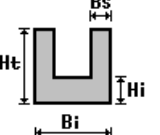

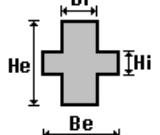

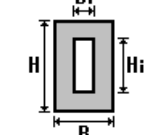

Il programma consente l'uso di sezioni diverse. Sono previsti i seguenti tipi di sezione:

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

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

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

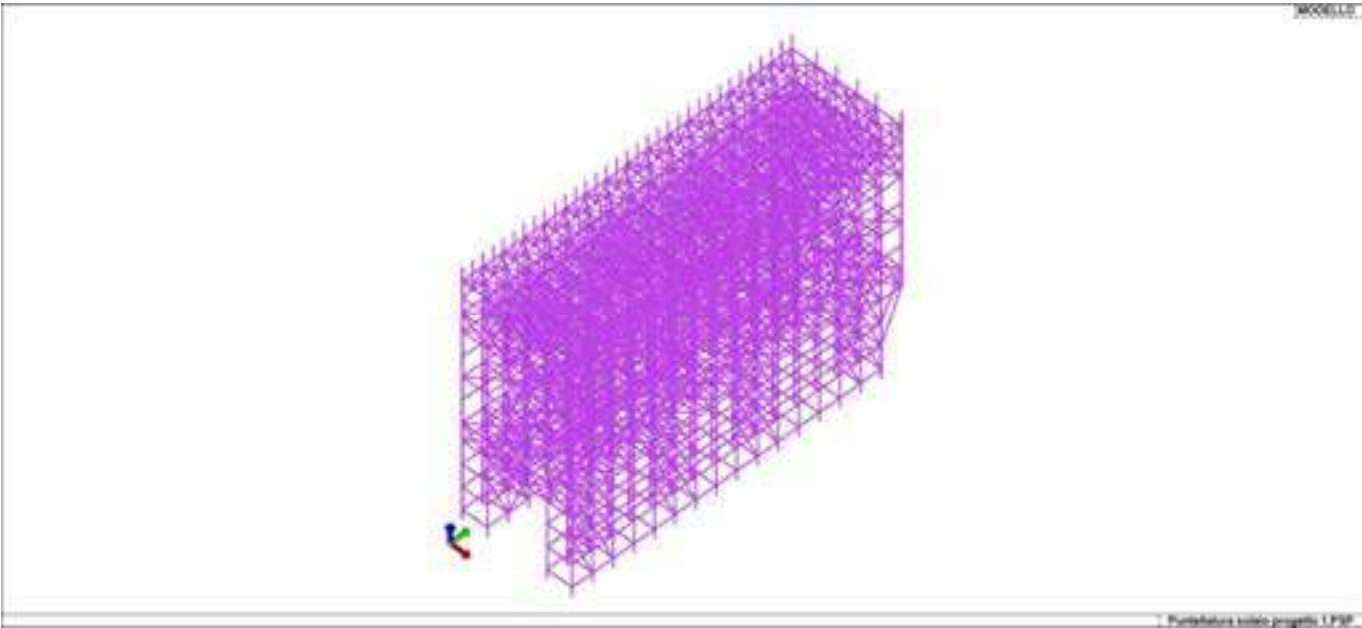
I dati sopra riportati vengono utilizzati per la determinazione dei carichi inerziali e per la definizione delle rigidezze degli elementi strutturali; qualora il valore di Area V2 (e/o Area V3) sia nullo la deformabilità per taglio V2 (e/o V3) è trascurata. La valutazione delle caratteristiche inerziali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

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

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

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

Id	Tipo	Area	A V2	A V3	Jt	J 2-2	J 3-3	W 2-2	W 3-3	Wp 2-2	Wp 3-3
		cm2	cm2	cm2	cm4	cm4	cm4	cm3	cm3	cm3	cm3
15	TUBO 48.3x3.2	4.53	0.0	0.0	23.17	11.59	11.59	4.80	4.80	6.52	6.52



13_MOD_SEZIONI



MODELLAZIONE STRUTTURA: NODI

LEGENDA TABELLA DATI NODI

Il programma utilizza per la modellazione nodi strutturali.

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

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

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

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

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

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

TABELLA DATI NODI

Nodo	X	Y	Z	Nodo	X	Y	Z	Nodo	X	Y	Z
	cm	cm	cm		cm	cm	cm		cm	cm	cm
3	430.2	192.0	340.0	4	320.2	282.0	40.0	9	320.2	462.0	40.0
10	430.2	462.0	40.0	15	-49.8	552.0	40.0	16	60.2	552.0	40.0
21	-49.8	1272.0	40.0	22	60.2	1272.0	40.0	27	320.2	552.0	40.0
28	430.2	552.0	40.0	33	-49.8	642.0	40.0	34	60.2	642.0	40.0
39	320.2	1272.0	40.0	40	430.2	1272.0	40.0	45	320.2	642.0	40.0
46	430.2	642.0	40.0	51	-49.8	732.0	40.0	52	60.2	732.0	40.0
57	-49.8	1362.0	40.0	58	60.2	1362.0	40.0	63	320.2	732.0	40.0
64	430.2	732.0	40.0	67	60.2	372.0	40.0	68	320.2	1452.0	40.0
69	-49.8	822.0	40.0	70	60.2	822.0	40.0	71	430.2	1452.0	40.0
72	320.2	372.0	40.0	73	430.2	282.0	40.0	74	-49.8	372.0	40.0
75	320.2	822.0	40.0	76	430.2	822.0	40.0	77	-49.8	912.0	40.0
78	60.2	912.0	40.0	81	320.2	1362.0	40.0	82	430.2	1362.0	40.0
85	430.2	1452.0	900.0	86	-49.8	1542.0	900.0	87	320.2	912.0	40.0
88	430.2	912.0	40.0	89	60.2	1542.0	900.0	90	60.2	552.0	1100.0
93	-49.8	1002.0	40.0	94	60.2	1002.0	40.0	99	-49.8	1452.0	40.0
100	60.2	1452.0	40.0	103	-49.8	102.0	40.0	104	60.2	102.0	40.0
105	320.2	1002.0	40.0	106	430.2	1002.0	40.0	107	320.2	102.0	40.0

108	430.2	102.0	40.0	109	-49.8	192.0	40.0	110	60.2	192.0	40.0
111	430.2	372.0	40.0	112	-49.8	462.0	40.0	113	320.2	192.0	40.0
114	430.2	192.0	40.0	115	-49.8	282.0	40.0	116	60.2	282.0	40.0
117	60.2	462.0	40.0	118	320.2	1092.0	40.0	119	430.2	1092.0	40.0
120	-49.8	1182.0	40.0	121	60.2	1182.0	40.0	122	320.2	1182.0	40.0
123	430.2	1182.0	40.0	124	235.2	1542.0	900.0	125	145.2	1452.0	1100.0
126	235.2	1272.0	1100.0	127	235.2	1317.0	1100.0	128	-49.8	102.0	140.0
129	60.2	102.0	140.0	130	320.2	102.0	140.0	131	430.2	102.0	140.0
132	-49.8	192.0	140.0	133	60.2	192.0	140.0	134	320.2	192.0	140.0
135	430.2	192.0	140.0	136	-49.8	282.0	140.0	137	60.2	282.0	140.0
138	320.2	282.0	140.0	139	430.2	282.0	140.0	140	-49.8	372.0	140.0
141	60.2	372.0	140.0	142	320.2	372.0	140.0	143	430.2	372.0	140.0
144	-49.8	462.0	140.0	145	60.2	462.0	140.0	146	320.2	462.0	140.0
147	430.2	462.0	140.0	148	-49.8	552.0	140.0	149	60.2	552.0	140.0
150	320.2	552.0	140.0	151	430.2	552.0	140.0	152	-49.8	642.0	140.0
153	60.2	642.0	140.0	154	320.2	642.0	140.0	155	430.2	642.0	140.0
156	-49.8	732.0	140.0	157	60.2	732.0	140.0	158	320.2	732.0	140.0
159	430.2	732.0	140.0	160	-49.8	822.0	140.0	161	60.2	822.0	140.0
162	320.2	822.0	140.0	163	430.2	822.0	140.0	164	-49.8	912.0	140.0
165	60.2	912.0	140.0	166	320.2	912.0	140.0	167	430.2	912.0	140.0
168	-49.8	1002.0	140.0	169	60.2	1002.0	140.0	170	320.2	1002.0	140.0
171	430.2	1002.0	140.0	172	320.2	1092.0	140.0	173	430.2	1092.0	140.0
176	-49.8	1182.0	140.0	177	60.2	1182.0	140.0	178	320.2	1182.0	140.0
179	430.2	1182.0	140.0	180	-49.8	1272.0	140.0	181	60.2	1272.0	140.0
182	320.2	1272.0	140.0	183	430.2	1272.0	140.0	184	-49.8	1362.0	140.0
185	60.2	1362.0	140.0	186	320.2	1362.0	140.0	187	430.2	1362.0	140.0
188	145.2	1542.0	1100.0	189	235.2	1452.0	1100.0	190	145.2	1362.0	1100.0
191	235.2	1407.0	1100.0	192	-49.8	1452.0	140.0	193	60.2	1452.0	140.0
194	320.2	1452.0	140.0	195	430.2	1452.0	140.0	196	-49.8	102.0	240.0
197	60.2	102.0	240.0	198	320.2	102.0	240.0	199	430.2	102.0	240.0
200	-49.8	192.0	240.0	201	60.2	192.0	240.0	202	320.2	192.0	240.0
203	430.2	192.0	240.0	204	-49.8	282.0	240.0	205	60.2	282.0	240.0
206	320.2	282.0	240.0	207	430.2	282.0	240.0	208	-49.8	372.0	240.0
209	60.2	372.0	240.0	210	320.2	372.0	240.0	211	430.2	372.0	240.0
212	-49.8	462.0	240.0	213	60.2	462.0	240.0	214	320.2	462.0	240.0
215	430.2	462.0	240.0	216	-49.8	552.0	240.0	217	60.2	552.0	240.0
218	320.2	552.0	240.0	219	430.2	552.0	240.0	220	-49.8	642.0	240.0
221	60.2	642.0	240.0	222	320.2	642.0	240.0	223	430.2	642.0	240.0
224	-49.8	732.0	240.0	225	60.2	732.0	240.0	226	320.2	732.0	240.0
227	430.2	732.0	240.0	228	-49.8	822.0	240.0	229	60.2	822.0	240.0
230	320.2	822.0	240.0	231	430.2	822.0	240.0	232	-49.8	912.0	240.0
233	60.2	912.0	240.0	234	320.2	912.0	240.0	235	430.2	912.0	240.0
236	-49.8	1002.0	240.0	237	60.2	1002.0	240.0	238	320.2	1002.0	240.0
239	430.2	1002.0	240.0	240	-49.8	1092.0	240.0	241	60.2	1092.0	240.0
242	320.2	1092.0	240.0	243	430.2	1092.0	240.0	244	-49.8	1182.0	240.0
245	60.2	1182.0	240.0	246	320.2	1182.0	240.0	247	430.2	1182.0	240.0
248	-49.8	1272.0	240.0	249	60.2	1272.0	240.0	250	320.2	1272.0	240.0
251	430.2	1272.0	240.0	252	-49.8	1362.0	240.0	253	60.2	1362.0	240.0
254	320.2	1362.0	240.0	255	430.2	1362.0	240.0	256	235.2	1542.0	1100.0
257	145.2	1542.0	900.0	258	235.2	1362.0	1100.0	259	235.2	1497.0	1100.0
260	-49.8	1452.0	240.0	261	60.2	1452.0	240.0	262	320.2	1452.0	240.0
263	430.2	1452.0	240.0	264	-49.8	102.0	340.0	265	60.2	102.0	340.0
266	320.2	102.0	340.0	267	430.2	102.0	340.0	268	-49.8	192.0	340.0
269	60.2	192.0	340.0	270	320.2	192.0	340.0	271	-49.8	282.0	340.0
272	60.2	282.0	340.0	273	320.2	282.0	340.0	274	430.2	282.0	340.0
275	-49.8	372.0	340.0	276	60.2	372.0	340.0	277	320.2	372.0	340.0
278	430.2	372.0	340.0	279	-49.8	462.0	340.0	280	60.2	462.0	340.0
281	430.2	462.0	340.0	282	320.2	462.0	340.0	283	-49.8	552.0	340.0
284	60.2	552.0	340.0	285	320.2	552.0	340.0	286	430.2	552.0	340.0
287	-49.8	642.0	340.0	288	60.2	642.0	340.0	289	320.2	642.0	340.0
290	430.2	642.0	340.0	291	-49.8	732.0	340.0	292	60.2	732.0	340.0
293	320.2	732.0	340.0	294	430.2	732.0	340.0	295	-49.8	822.0	340.0
296	60.2	822.0	340.0	297	320.2	822.0	340.0	298	430.2	822.0	340.0
299	-49.8	912.0	340.0	300	60.2	912.0	340.0	301	320.2	912.0	340.0
302	430.2	912.0	340.0	303	-49.8	1002.0	340.0	304	60.2	1002.0	340.0
305	320.2	1002.0	340.0	306	430.2	1002.0	340.0	307	-49.8	1092.0	340.0
308	60.2	1092.0	340.0	309	320.2	1092.0	340.0	310	430.2	1092.0	340.0
311	-49.8	1182.0	340.0	312	60.2	1182.0	340.0	313	320.2	1182.0	340.0
314	430.2	1182.0	340.0	315	-49.8	1272.0	340.0	316	60.2	1272.0	340.0
317	320.2	1272.0	340.0	318	430.2	1272.0	340.0	319	-49.8	1362.0	340.0
320	60.2	1362.0	340.0	321	320.2	1362.0	340.0	322	430.2	1362.0	340.0
323	-49.8	1452.0	340.0	324	60.2	1452.0	340.0	325	320.2	1452.0	340.0
326	430.2	1452.0	340.0	327	-49.8	192.0	1040.0	328	320.2	1092.0	1100.0
329	430.2	1092.0	1100.0	330	-49.8	1182.0	1100.0	331	60.2	1182.0	1100.0
332	-49.8	282.0	1040.0	333	-49.8	372.0	1040.0	334	320.2	1182.0	1100.0
335	430.2	1182.0	1100.0	336	-49.8	1272.0	1100.0	337	60.2	1272.0	1100.0
338	-49.8	462.0	1040.0	339	-49.8	552.0	1040.0	340	320.2	1272.0	1100.0



341	430.2	1272.0	1100.0	342	-49.8	1362.0	1100.0	343	60.2	1362.0	1100.0
344	-49.8	642.0	1040.0	345	-49.8	732.0	1040.0	346	320.2	1362.0	1100.0
347	430.2	1362.0	1100.0	348	-49.8	1452.0	1100.0	349	60.2	1452.0	1100.0
350	-49.8	822.0	1040.0	351	-49.8	912.0	1040.0	352	320.2	1452.0	1100.0
353	430.2	1452.0	1100.0	354	-49.8	1542.0	1100.0	355	60.2	1542.0	1100.0
356	-49.8	1002.0	1040.0	357	-49.8	1092.0	1040.0	358	320.2	1542.0	1100.0
359	-49.8	1542.0	340.0	360	60.2	1542.0	340.0	361	430.2	1542.0	1100.0
362	-49.8	1362.0	708.0	363	320.2	1542.0	340.0	364	430.2	1542.0	340.0
365	-49.8	102.0	420.0	366	60.2	102.0	420.0	367	145.2	102.0	340.0
368	145.2	192.0	340.0	369	320.2	102.0	420.0	370	430.2	102.0	420.0
371	-49.8	192.0	420.0	372	60.2	192.0	420.0	373	145.2	282.0	340.0
374	145.2	372.0	340.0	375	320.2	192.0	420.0	376	430.2	192.0	420.0
377	-49.8	282.0	420.0	378	60.2	282.0	420.0	379	145.2	462.0	340.0
380	145.2	552.0	340.0	381	320.2	282.0	420.0	382	430.2	282.0	420.0
383	-49.8	372.0	420.0	384	60.2	372.0	420.0	385	145.2	642.0	340.0
386	145.2	732.0	340.0	387	320.2	372.0	420.0	388	430.2	372.0	420.0
389	-49.8	462.0	420.0	390	60.2	462.0	420.0	391	145.2	822.0	340.0
392	145.2	912.0	340.0	393	320.2	462.0	420.0	394	430.2	462.0	420.0
395	-49.8	552.0	420.0	396	60.2	552.0	420.0	397	145.2	1002.0	340.0
398	145.2	1092.0	340.0	399	320.2	552.0	420.0	400	430.2	552.0	420.0
401	-49.8	642.0	420.0	402	60.2	642.0	420.0	403	145.2	1182.0	340.0
404	145.2	1272.0	340.0	405	320.2	642.0	420.0	406	430.2	642.0	420.0
407	-49.8	732.0	420.0	408	60.2	732.0	420.0	409	145.2	1362.0	340.0
410	145.2	1452.0	340.0	411	320.2	732.0	420.0	412	430.2	732.0	420.0
413	-49.8	822.0	420.0	414	60.2	822.0	420.0	415	145.2	1542.0	340.0
416	235.2	102.0	340.0	417	320.2	822.0	420.0	418	430.2	822.0	420.0
419	-49.8	912.0	420.0	420	60.2	912.0	420.0	421	235.2	192.0	340.0
422	235.2	282.0	340.0	423	320.2	912.0	420.0	424	430.2	912.0	420.0
425	-49.8	1002.0	420.0	426	60.2	1002.0	420.0	427	235.2	372.0	340.0
428	235.2	462.0	340.0	429	320.2	1002.0	420.0	430	430.2	1002.0	420.0
431	-49.8	1092.0	420.0	432	60.2	1092.0	420.0	433	235.2	552.0	340.0
434	235.2	642.0	340.0	435	320.2	1092.0	420.0	436	430.2	1092.0	420.0
437	-49.8	1182.0	420.0	438	60.2	1182.0	420.0	439	235.2	732.0	340.0
440	235.2	822.0	340.0	441	320.2	1182.0	420.0	442	430.2	1182.0	420.0
443	-49.8	1272.0	420.0	444	60.2	1272.0	420.0	445	235.2	912.0	340.0
446	235.2	1002.0	340.0	447	320.2	1272.0	420.0	448	430.2	1272.0	420.0
449	-49.8	1362.0	420.0	450	60.2	1362.0	420.0	451	235.2	1092.0	340.0
452	235.2	1182.0	340.0	453	320.2	1362.0	420.0	454	430.2	1362.0	420.0
455	-49.8	1452.0	420.0	456	60.2	1452.0	420.0	457	235.2	1272.0	340.0
458	235.2	1362.0	340.0	459	320.2	1452.0	420.0	460	430.2	1452.0	420.0
461	-49.8	1542.0	420.0	462	60.2	1542.0	420.0	463	235.2	1452.0	340.0
464	235.2	1542.0	340.0	465	320.2	1542.0	420.0	466	430.2	1542.0	420.0
467	-49.8	102.0	520.0	468	60.2	102.0	520.0	469	320.2	102.0	520.0
470	430.2	102.0	520.0	471	-49.8	192.0	520.0	472	60.2	192.0	520.0
473	320.2	192.0	520.0	474	430.2	192.0	520.0	475	-49.8	282.0	520.0
476	60.2	282.0	520.0	477	320.2	282.0	520.0	478	430.2	282.0	520.0
479	-49.8	372.0	520.0	480	60.2	372.0	520.0	481	320.2	372.0	520.0
482	430.2	372.0	520.0	483	-49.8	462.0	520.0	484	60.2	462.0	520.0
485	320.2	462.0	520.0	486	430.2	462.0	520.0	487	-49.8	552.0	520.0
488	60.2	552.0	520.0	489	320.2	552.0	520.0	490	430.2	552.0	520.0
491	-49.8	642.0	520.0	492	60.2	642.0	520.0	493	320.2	642.0	520.0
494	430.2	642.0	520.0	495	-49.8	732.0	520.0	496	60.2	732.0	520.0
497	320.2	732.0	520.0	498	430.2	732.0	520.0	499	-49.8	822.0	520.0
500	60.2	822.0	520.0	501	320.2	822.0	520.0	502	430.2	822.0	520.0
503	-49.8	912.0	520.0	504	60.2	912.0	520.0	505	320.2	912.0	520.0
506	430.2	912.0	520.0	507	-49.8	1002.0	520.0	508	60.2	1002.0	520.0
509	320.2	1002.0	520.0	510	430.2	1002.0	520.0	511	-49.8	1092.0	520.0
512	60.2	1092.0	520.0	513	320.2	1092.0	520.0	514	430.2	1092.0	520.0
515	-49.8	1182.0	520.0	516	60.2	1182.0	520.0	517	320.2	1182.0	520.0
518	430.2	1182.0	520.0	519	-49.8	1272.0	520.0	520	60.2	1272.0	520.0
521	320.2	1272.0	520.0	522	430.2	1272.0	520.0	523	-49.8	1362.0	520.0
524	60.2	1362.0	520.0	525	320.2	1362.0	520.0	526	-49.8	1182.0	1040.0
527	-49.8	1452.0	520.0	528	60.2	1452.0	520.0	529	320.2	1452.0	520.0
530	430.2	1452.0	520.0	531	-49.8	1542.0	520.0	532	60.2	1542.0	520.0
533	320.2	1542.0	520.0	534	430.2	1542.0	520.0	535	-49.8	102.0	620.0
536	60.2	102.0	620.0	537	320.2	102.0	620.0	538	430.2	102.0	620.0
539	-49.8	192.0	620.0	540	60.2	192.0	620.0	541	320.2	192.0	620.0
542	430.2	192.0	620.0	543	-49.8	282.0	620.0	544	60.2	282.0	620.0
545	320.2	282.0	620.0	546	430.2	282.0	620.0	547	-49.8	372.0	620.0
548	60.2	372.0	620.0	549	320.2	372.0	620.0	550	430.2	372.0	620.0
551	-49.8	462.0	620.0	552	60.2	462.0	620.0	553	320.2	462.0	620.0
554	430.2	462.0	620.0	555	-49.8	552.0	620.0	556	60.2	552.0	620.0
557	320.2	552.0	620.0	558	430.2	552.0	620.0	559	-49.8	642.0	620.0
560	60.2	642.0	620.0	561	320.2	642.0	620.0	562	430.2	642.0	620.0
563	-49.8	732.0	620.0	564	60.2	732.0	620.0	565	320.2	732.0	620.0
566	430.2	732.0	620.0	567	-49.8	822.0	620.0	568	60.2	822.0	620.0
569	320.2	822.0	620.0	570	430.2	822.0	620.0	571	-49.8	912.0	620.0



572	60.2	912.0	620.0	573	320.2	912.0	620.0	574	430.2	912.0	620.0
575	-49.8	1002.0	620.0	576	60.2	1002.0	620.0	577	320.2	1002.0	620.0
578	430.2	1002.0	620.0	579	-49.8	1092.0	620.0	580	60.2	1092.0	620.0
581	320.2	1092.0	620.0	582	430.2	1092.0	620.0	583	-49.8	1182.0	620.0
584	60.2	1182.0	620.0	585	320.2	1182.0	620.0	586	430.2	1182.0	620.0
587	-49.8	1272.0	620.0	588	60.2	1272.0	620.0	589	320.2	1272.0	620.0
590	430.2	1272.0	620.0	591	-49.8	1362.0	620.0	592	60.2	1362.0	620.0
593	320.2	1362.0	620.0	594	430.2	1362.0	620.0	595	-49.8	1452.0	620.0
596	60.2	1452.0	620.0	597	320.2	1452.0	620.0	598	430.2	1452.0	620.0
599	-49.8	1542.0	620.0	600	60.2	1542.0	620.0	601	320.2	1542.0	620.0
602	430.2	1542.0	620.0	603	-49.8	102.0	708.0	604	60.2	102.0	708.0
605	320.2	102.0	708.0	606	430.2	102.0	708.0	607	-49.8	192.0	708.0
608	60.2	192.0	708.0	609	320.2	192.0	708.0	610	430.2	192.0	708.0
611	-49.8	282.0	708.0	612	60.2	282.0	708.0	613	320.2	282.0	708.0
614	430.2	282.0	708.0	615	-49.8	372.0	708.0	616	60.2	372.0	708.0
617	320.2	372.0	708.0	618	430.2	372.0	708.0	619	-49.8	462.0	708.0
620	60.2	462.0	708.0	621	320.2	462.0	708.0	622	430.2	462.0	708.0
623	-49.8	552.0	708.0	624	60.2	552.0	708.0	625	320.2	552.0	708.0
626	430.2	552.0	708.0	627	-49.8	642.0	708.0	628	60.2	642.0	708.0
629	320.2	642.0	708.0	630	430.2	642.0	708.0	631	-49.8	732.0	708.0
632	60.2	732.0	708.0	633	320.2	732.0	708.0	634	430.2	732.0	708.0
635	-49.8	822.0	708.0	636	60.2	822.0	708.0	637	320.2	822.0	708.0
638	430.2	822.0	708.0	639	-49.8	912.0	708.0	640	60.2	912.0	708.0
641	320.2	912.0	708.0	642	430.2	912.0	708.0	643	-49.8	1002.0	708.0
644	60.2	1002.0	708.0	645	320.2	1002.0	708.0	646	430.2	1002.0	708.0
647	-49.8	1092.0	708.0	648	60.2	1092.0	708.0	649	320.2	1092.0	708.0
650	430.2	1092.0	708.0	651	-49.8	1182.0	708.0	652	60.2	1182.0	708.0
653	320.2	1182.0	708.0	654	430.2	1182.0	708.0	655	-49.8	1272.0	708.0
656	60.2	1272.0	708.0	657	320.2	1272.0	708.0	658	430.2	1272.0	708.0
659	320.2	1542.0	900.0	660	60.2	1362.0	708.0	661	320.2	1362.0	708.0
662	430.2	1542.0	900.0	663	-49.8	1452.0	708.0	664	60.2	1452.0	708.0
665	320.2	1452.0	708.0	666	430.2	1452.0	708.0	667	-49.8	1542.0	708.0
668	60.2	1542.0	708.0	669	320.2	1542.0	708.0	670	430.2	1542.0	708.0
671	-49.8	102.0	820.0	672	60.2	102.0	820.0	673	-49.8	1272.0	1040.0
674	320.2	552.0	1100.0	675	320.2	102.0	820.0	676	-49.8	1362.0	1040.0
677	-49.8	192.0	820.0	678	60.2	192.0	820.0	679	320.2	192.0	820.0
680	430.2	192.0	820.0	681	-49.8	282.0	820.0	682	60.2	282.0	820.0
683	320.2	282.0	820.0	684	430.2	282.0	820.0	685	-49.8	372.0	820.0
686	60.2	372.0	820.0	687	320.2	372.0	820.0	688	430.2	372.0	820.0
689	-49.8	462.0	820.0	690	60.2	462.0	820.0	691	320.2	462.0	820.0
692	430.2	462.0	820.0	693	-49.8	552.0	820.0	694	60.2	552.0	820.0
695	320.2	552.0	820.0	696	430.2	552.0	820.0	697	-49.8	642.0	820.0
698	60.2	642.0	820.0	699	320.2	642.0	820.0	700	430.2	642.0	820.0
701	-49.8	732.0	820.0	702	60.2	732.0	820.0	703	320.2	732.0	820.0
704	430.2	732.0	820.0	705	-49.8	822.0	820.0	706	60.2	822.0	820.0
707	320.2	822.0	820.0	708	430.2	822.0	820.0	709	-49.8	912.0	820.0
710	60.2	912.0	820.0	711	320.2	912.0	820.0	712	430.2	912.0	820.0
713	-49.8	1002.0	820.0	714	60.2	1002.0	820.0	715	320.2	1002.0	820.0
716	430.2	1002.0	820.0	717	-49.8	1092.0	820.0	718	60.2	1092.0	820.0
719	320.2	1092.0	820.0	720	430.2	1092.0	820.0	721	-49.8	1182.0	820.0
722	60.2	1182.0	820.0	723	320.2	1182.0	820.0	724	430.2	1182.0	820.0
725	-49.8	1272.0	820.0	726	60.2	1272.0	820.0	727	320.2	1272.0	820.0
728	430.2	1272.0	820.0	729	-49.8	1362.0	820.0	730	60.2	1362.0	820.0
731	320.2	1362.0	820.0	732	430.2	1362.0	820.0	733	-49.8	1452.0	820.0
734	60.2	1452.0	820.0	735	320.2	1452.0	820.0	736	430.2	1452.0	820.0
737	-49.8	1542.0	820.0	738	60.2	1542.0	820.0	739	320.2	1542.0	820.0
740	430.2	1542.0	820.0	741	320.2	462.0	1100.0	742	430.2	102.0	820.0
743	430.2	372.0	1100.0	744	60.2	372.0	1100.0	745	60.2	282.0	1100.0
746	-49.8	1452.0	1040.0	747	430.2	102.0	1100.0	748	60.2	102.0	1100.0
749	320.2	102.0	1040.0	750	60.2	192.0	1040.0	751	320.2	822.0	1040.0
752	60.2	912.0	1040.0	753	320.2	192.0	1040.0	754	60.2	282.0	1040.0
755	320.2	552.0	1040.0	756	60.2	642.0	1040.0	757	-49.8	1542.0	1040.0
758	-49.8	462.0	1100.0	759	430.2	102.0	1040.0	760	430.2	192.0	1040.0
761	320.2	192.0	1100.0	762	-49.8	192.0	1100.0	763	430.2	282.0	1040.0
764	320.2	282.0	1040.0	765	60.2	372.0	1040.0	766	320.2	732.0	1040.0
767	60.2	822.0	1040.0	768	320.2	372.0	1040.0	769	60.2	462.0	1040.0
770	320.2	642.0	1040.0	771	60.2	732.0	1040.0	772	430.2	372.0	1040.0
773	-49.8	102.0	900.0	774	60.2	102.0	900.0	775	430.2	462.0	1100.0
776	-49.8	552.0	1100.0	777	320.2	102.0	900.0	778	430.2	102.0	900.0
779	-49.8	192.0	900.0	780	60.2	192.0	900.0	781	60.2	462.0	1100.0
782	430.2	462.0	1040.0	783	320.2	192.0	900.0	784	430.2	192.0	900.0
785	-49.8	282.0	900.0	786	60.2	282.0	900.0	787	430.2	552.0	1040.0
788	320.2	372.0	1100.0	789	320.2	282.0	900.0	790	430.2	282.0	900.0
791	-49.8	372.0	900.0	792	60.2	372.0	900.0	793	430.2	282.0	1100.0
794	-49.8	372.0	1100.0	795	320.2	372.0	900.0	796	430.2	372.0	900.0
797	-49.8	462.0	900.0	798	60.2	462.0	900.0	799	430.2	642.0	1040.0
800	320.2	282.0	1100.0	801	320.2	462.0	900.0	802	430.2	462.0	900.0



803	-49.8	552.0	900.0	804	60.2	552.0	900.0	805	430.2	192.0	1100.0
806	-49.8	282.0	1100.0	807	320.2	552.0	900.0	808	430.2	552.0	900.0
809	-49.8	642.0	900.0	810	60.2	642.0	900.0	811	60.2	192.0	1100.0
812	430.2	732.0	1040.0	813	320.2	642.0	900.0	814	430.2	642.0	900.0
815	-49.8	732.0	900.0	816	60.2	732.0	900.0	817	430.2	822.0	1040.0
818	320.2	102.0	1100.0	819	320.2	732.0	900.0	820	430.2	732.0	900.0
821	-49.8	822.0	900.0	822	60.2	822.0	900.0	823	320.2	1542.0	1040.0
824	-49.8	102.0	1100.0	825	320.2	822.0	900.0	826	430.2	822.0	900.0
827	-49.8	912.0	900.0	828	60.2	912.0	900.0	829	320.2	1452.0	1040.0
830	60.2	1542.0	1040.0	831	320.2	912.0	900.0	832	430.2	912.0	900.0
833	-49.8	1002.0	900.0	834	60.2	1002.0	900.0	835	320.2	1362.0	1040.0
836	60.2	1452.0	1040.0	837	320.2	1002.0	900.0	838	430.2	1002.0	900.0
839	-49.8	1092.0	900.0	840	60.2	1092.0	900.0	841	320.2	1272.0	1040.0
842	60.2	1362.0	1040.0	843	320.2	1092.0	900.0	844	430.2	1092.0	900.0
845	-49.8	1182.0	900.0	846	60.2	1182.0	900.0	847	320.2	1182.0	1040.0
848	60.2	1272.0	1040.0	849	320.2	1182.0	900.0	850	430.2	1182.0	900.0
851	-49.8	1272.0	900.0	852	60.2	1272.0	900.0	853	320.2	1092.0	1040.0
854	60.2	1182.0	1040.0	855	320.2	1272.0	900.0	856	430.2	1272.0	900.0
857	-49.8	1362.0	900.0	858	60.2	1362.0	900.0	859	320.2	1002.0	1040.0
860	60.2	1092.0	1040.0	861	320.2	1362.0	900.0	862	430.2	1362.0	900.0
863	-49.8	1452.0	900.0	864	60.2	1452.0	900.0	865	320.2	912.0	1040.0
866	60.2	1002.0	1040.0	867	320.2	1452.0	900.0	868	430.2	1362.0	520.0
869	430.2	1362.0	708.0	874	430.2	552.0	1100.0	875	-49.8	642.0	1100.0
876	60.2	642.0	1100.0	877	430.2	912.0	1040.0	878	430.2	1002.0	1040.0
879	320.2	642.0	1100.0	880	430.2	642.0	1100.0	881	-49.8	732.0	1100.0
882	60.2	732.0	1100.0	883	430.2	1092.0	1040.0	884	430.2	1182.0	1040.0
885	320.2	732.0	1100.0	886	430.2	732.0	1100.0	887	-49.8	822.0	1100.0
888	60.2	822.0	1100.0	889	430.2	1272.0	1040.0	890	430.2	1362.0	1040.0
891	320.2	822.0	1100.0	892	430.2	822.0	1100.0	893	-49.8	912.0	1100.0
894	60.2	912.0	1100.0	895	430.2	1452.0	1040.0	896	430.2	1542.0	1040.0
897	320.2	912.0	1100.0	898	430.2	912.0	1100.0	899	-49.8	1002.0	1100.0
900	60.2	1002.0	1100.0	901	60.2	102.0	1040.0	902	320.2	462.0	1040.0
903	320.2	1002.0	1100.0	904	430.2	1002.0	1100.0	905	-49.8	1092.0	1100.0
906	60.2	1092.0	1100.0	907	60.2	552.0	1040.0	908	145.2	102.0	420.0
909	145.2	192.0	420.0	910	145.2	282.0	420.0	911	145.2	372.0	420.0
912	145.2	462.0	420.0	913	145.2	552.0	420.0	914	145.2	642.0	420.0
915	145.2	732.0	420.0	916	145.2	822.0	420.0	917	145.2	912.0	420.0
918	145.2	1002.0	420.0	919	145.2	1092.0	420.0	920	145.2	1182.0	420.0
921	145.2	1272.0	420.0	922	145.2	1362.0	420.0	923	145.2	1452.0	420.0
924	145.2	1542.0	420.0	925	235.2	102.0	420.0	926	235.2	192.0	420.0
927	235.2	282.0	420.0	928	235.2	372.0	420.0	929	235.2	462.0	420.0
930	235.2	552.0	420.0	931	235.2	642.0	420.0	932	235.2	732.0	420.0
933	235.2	822.0	420.0	934	235.2	912.0	420.0	935	235.2	1002.0	420.0
936	235.2	1092.0	420.0	937	235.2	1182.0	420.0	938	235.2	1272.0	420.0
939	235.2	1362.0	420.0	940	235.2	1452.0	420.0	941	235.2	1542.0	420.0
942	60.2	102.0	968.0	943	320.2	822.0	968.0	944	60.2	912.0	968.0
945	320.2	102.0	968.0	946	60.2	192.0	968.0	947	320.2	1542.0	968.0
948	-49.8	102.0	1040.0	949	320.2	192.0	968.0	950	60.2	282.0	968.0
951	320.2	912.0	968.0	952	60.2	1002.0	968.0	953	320.2	282.0	968.0
954	60.2	372.0	968.0	955	320.2	1272.0	968.0	956	60.2	1362.0	968.0
957	320.2	372.0	968.0	958	60.2	462.0	968.0	959	320.2	1002.0	968.0
960	60.2	1092.0	968.0	961	320.2	462.0	968.0	962	60.2	552.0	968.0
963	320.2	1452.0	968.0	964	60.2	1542.0	968.0	965	320.2	552.0	968.0
966	60.2	642.0	968.0	967	320.2	1092.0	968.0	968	60.2	1182.0	968.0
969	320.2	642.0	968.0	970	60.2	732.0	968.0	971	320.2	1362.0	968.0
972	60.2	1452.0	968.0	973	320.2	732.0	968.0	974	60.2	822.0	968.0
975	320.2	1182.0	968.0	976	60.2	1272.0	968.0	977	145.2	102.0	820.0
978	145.2	192.0	820.0	979	145.2	282.0	820.0	980	145.2	372.0	820.0
981	145.2	462.0	820.0	982	145.2	552.0	820.0	983	145.2	642.0	820.0
984	145.2	732.0	820.0	985	145.2	822.0	820.0	986	145.2	912.0	820.0
987	145.2	1002.0	820.0	988	145.2	1092.0	820.0	989	145.2	1182.0	820.0
990	145.2	1272.0	820.0	991	145.2	1362.0	820.0	992	145.2	1452.0	820.0
993	145.2	1542.0	820.0	994	235.2	102.0	820.0	995	235.2	192.0	820.0
996	235.2	282.0	820.0	997	235.2	372.0	820.0	998	235.2	462.0	820.0
999	235.2	552.0	820.0	1000	235.2	642.0	820.0	1001	235.2	732.0	820.0
1002	235.2	822.0	820.0	1003	235.2	912.0	820.0	1004	235.2	1002.0	820.0
1005	235.2	1092.0	820.0	1006	235.2	1182.0	820.0	1007	235.2	1272.0	820.0
1008	235.2	1362.0	820.0	1009	235.2	1452.0	820.0	1010	235.2	1542.0	820.0
1011	145.2	102.0	900.0	1012	145.2	192.0	900.0	1013	145.2	282.0	900.0
1014	145.2	372.0	900.0	1015	145.2	462.0	900.0	1016	145.2	552.0	900.0
1017	145.2	642.0	900.0	1018	145.2	732.0	900.0	1019	145.2	822.0	900.0
1020	145.2	912.0	900.0	1021	145.2	1002.0	900.0	1022	145.2	1092.0	900.0
1023	145.2	1182.0	900.0	1024	145.2	1272.0	900.0	1025	145.2	1362.0	900.0
1026	145.2	1452.0	900.0	1027	145.2	1002.0	1100.0	1028	235.2	102.0	900.0
1029	235.2	192.0	900.0	1030	235.2	282.0	900.0	1031	235.2	372.0	900.0
1032	235.2	462.0	900.0	1033	235.2	552.0	900.0	1034	235.2	642.0	900.0
1035	235.2	732.0	900.0	1036	235.2	822.0	900.0	1037	235.2	912.0	900.0

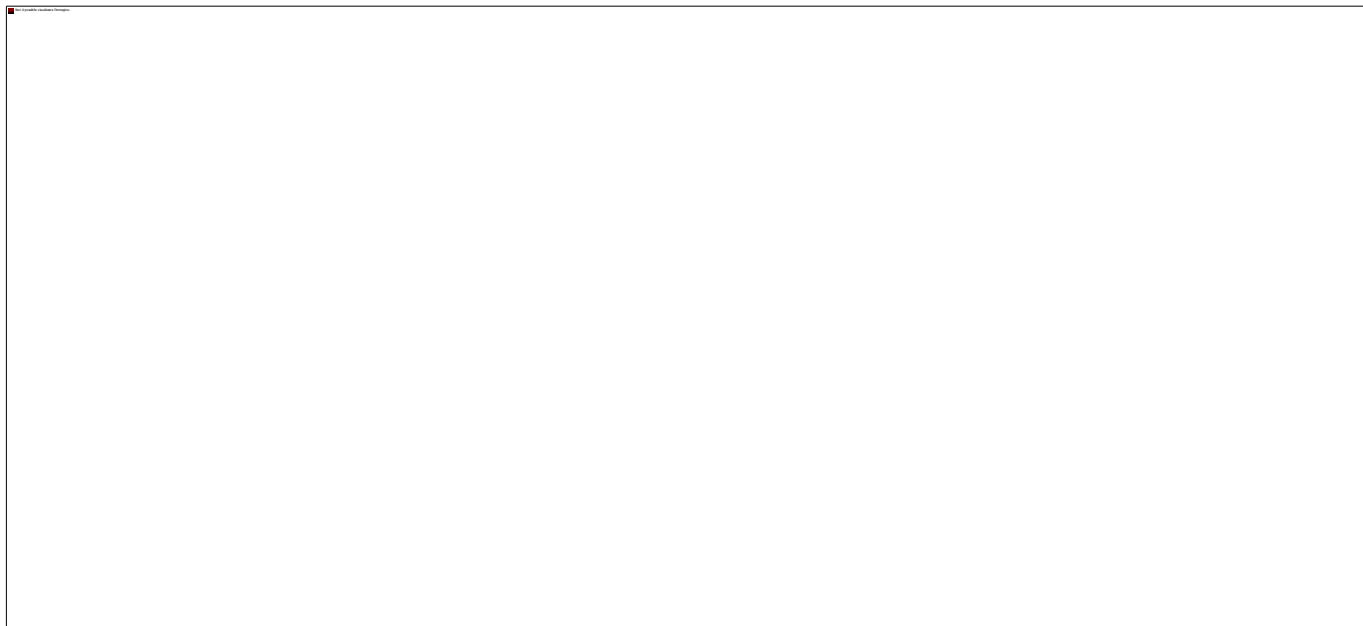
1038	235.2	1002.0	900.0	1039	235.2	1092.0	900.0	1040	235.2	1182.0	900.0
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1047	145.2	282.0	968.0	1048	145.2	372.0	968.0	1049	145.2	462.0	968.0
1050	145.2	552.0	968.0	1051	145.2	642.0	968.0	1052	145.2	732.0	968.0
1053	145.2	822.0	968.0	1054	145.2	912.0	968.0	1055	145.2	1002.0	968.0
1056	145.2	1092.0	968.0	1057	145.2	1182.0	968.0	1058	145.2	1272.0	968.0
1059	145.2	1362.0	968.0	1060	145.2	1452.0	968.0	1061	145.2	1542.0	968.0
1062	235.2	102.0	968.0	1063	235.2	192.0	968.0	1064	235.2	282.0	968.0
1065	235.2	372.0	968.0	1066	235.2	462.0	968.0	1067	235.2	552.0	968.0
1068	235.2	642.0	968.0	1069	235.2	732.0	968.0	1070	235.2	822.0	968.0
1071	235.2	912.0	968.0	1072	235.2	1002.0	968.0	1073	235.2	1092.0	968.0
1074	235.2	1182.0	968.0	1075	235.2	1272.0	968.0	1076	235.2	1362.0	968.0
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1080	145.2	192.0	1040.0	1081	145.2	282.0	1040.0	1082	145.2	372.0	1040.0
1083	145.2	462.0	1040.0	1084	145.2	552.0	1040.0	1085	145.2	642.0	1040.0
1086	145.2	732.0	1040.0	1087	145.2	822.0	1040.0	1088	145.2	912.0	1040.0
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1101	235.2	552.0	1040.0	1102	235.2	642.0	1040.0	1103	235.2	732.0	1040.0
1104	235.2	822.0	1040.0	1105	235.2	912.0	1040.0	1106	235.2	1002.0	1040.0
1107	235.2	1092.0	1040.0	1108	235.2	1182.0	1040.0	1109	235.2	1272.0	1040.0
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1128	235.2	732.0	1100.0	1129	145.2	822.0	1100.0	1130	235.2	822.0	1100.0
1131	145.2	912.0	1100.0	1132	235.2	912.0	1100.0	1133	145.2	1092.0	1100.0
1134	235.2	1092.0	1100.0	1135	145.2	1182.0	1100.0	1136	235.2	1182.0	1100.0
1137	145.2	1272.0	1100.0	1138	60.2	147.0	1040.0	1139	60.2	147.0	968.0
1140	60.2	237.0	968.0	1141	60.2	327.0	968.0	1142	60.2	417.0	968.0
1143	60.2	507.0	968.0	1144	60.2	237.0	1040.0	1145	60.2	327.0	1040.0
1146	60.2	417.0	1040.0	1147	60.2	507.0	1040.0	1148	60.2	777.0	1040.0
1149	60.2	597.0	968.0	1150	60.2	687.0	968.0	1151	60.2	777.0	968.0
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1161	60.2	957.0	1040.0	1162	60.2	1047.0	1040.0	1163	60.2	1137.0	1040.0
1164	60.2	1227.0	1040.0	1165	60.2	1317.0	1040.0	1166	60.2	1407.0	1040.0
1167	60.2	1497.0	1040.0	1168	60.2	597.0	1040.0	1169	60.2	687.0	1040.0
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1173	60.2	417.0	1100.0	1174	60.2	507.0	1100.0	1175	60.2	597.0	1100.0
1176	60.2	687.0	1100.0	1177	60.2	777.0	1100.0	1178	60.2	867.0	1100.0
1179	60.2	957.0	1100.0	1180	60.2	1047.0	1100.0	1181	60.2	1137.0	1100.0
1182	60.2	1227.0	1100.0	1183	60.2	1317.0	1100.0	1184	60.2	1407.0	1100.0
1185	60.2	1497.0	1100.0	1186	-49.8	102.0	968.0	1187	-49.8	192.0	968.0
1188	-49.8	282.0	968.0	1189	-49.8	372.0	968.0	1190	-49.8	462.0	968.0
1191	-49.8	552.0	968.0	1192	-49.8	642.0	968.0	1193	-49.8	732.0	968.0
1194	-49.8	822.0	968.0	1195	-49.8	912.0	968.0	1196	-49.8	1002.0	968.0
1197	-49.8	1092.0	968.0	1198	-49.8	1182.0	968.0	1199	-49.8	1272.0	968.0
1200	-49.8	1362.0	968.0	1201	-49.8	1452.0	968.0	1202	-49.8	1542.0	968.0
1203	-49.8	147.0	1100.0	1204	-49.8	237.0	1100.0	1205	-49.8	327.0	1100.0
1206	-49.8	417.0	1100.0	1207	-49.8	507.0	1100.0	1208	-49.8	597.0	1100.0
1209	-49.8	687.0	1100.0	1210	-49.8	777.0	1100.0	1211	-49.8	867.0	1100.0
1212	-49.8	957.0	1100.0	1213	-49.8	1047.0	1100.0	1214	-49.8	1137.0	1100.0
1215	-49.8	1227.0	1100.0	1216	-49.8	1317.0	1100.0	1217	-49.8	1407.0	1100.0
1218	-49.8	1497.0	1100.0	1219	-49.8	147.0	1040.0	1220	-49.8	237.0	1040.0
1221	-49.8	327.0	1040.0	1222	-49.8	417.0	1040.0	1223	-49.8	507.0	1040.0
1224	-49.8	597.0	1040.0	1225	-49.8	687.0	1040.0	1226	-49.8	777.0	1040.0
1227	-49.8	867.0	1040.0	1228	-49.8	957.0	1040.0	1229	-49.8	1047.0	1040.0
1230	-49.8	1137.0	1040.0	1231	-49.8	1227.0	1040.0	1232	-49.8	1317.0	1040.0
1233	-49.8	1407.0	1040.0	1234	-49.8	1497.0	1040.0	1235	-49.8	147.0	968.0
1236	-49.8	237.0	968.0	1237	-49.8	327.0	968.0	1238	-49.8	417.0	968.0
1239	-49.8	507.0	968.0	1240	-49.8	597.0	968.0	1241	-49.8	687.0	968.0
1242	-49.8	777.0	968.0	1243	-49.8	867.0	968.0	1244	-49.8	957.0	968.0
1245	-49.8	1047.0	968.0	1246	-49.8	1137.0	968.0	1247	-49.8	1227.0	968.0
1248	-49.8	1317.0	968.0	1249	-49.8	1407.0	968.0	1250	-49.8	1497.0	968.0
1251	320.2	1047.0	1040.0	1252	320.2	237.0	1040.0	1253	320.2	327.0	1040.0
1254	320.2	417.0	1040.0	1255	320.2	507.0	1040.0	1256	320.2	1137.0	1040.0
1257	320.2	1227.0	1040.0	1258	320.2	1317.0	1040.0	1259	320.2	1407.0	1040.0
1260	320.2	597.0	1040.0	1261	320.2	687.0	1040.0	1262	320.2	147.0	1040.0
1263	320.2	777.0	1040.0	1264	320.2	867.0	1040.0	1265	320.2	957.0	1040.0
1266	320.2	1497.0	1040.0	1267	320.2	147.0	968.0	1268	320.2	237.0	968.0



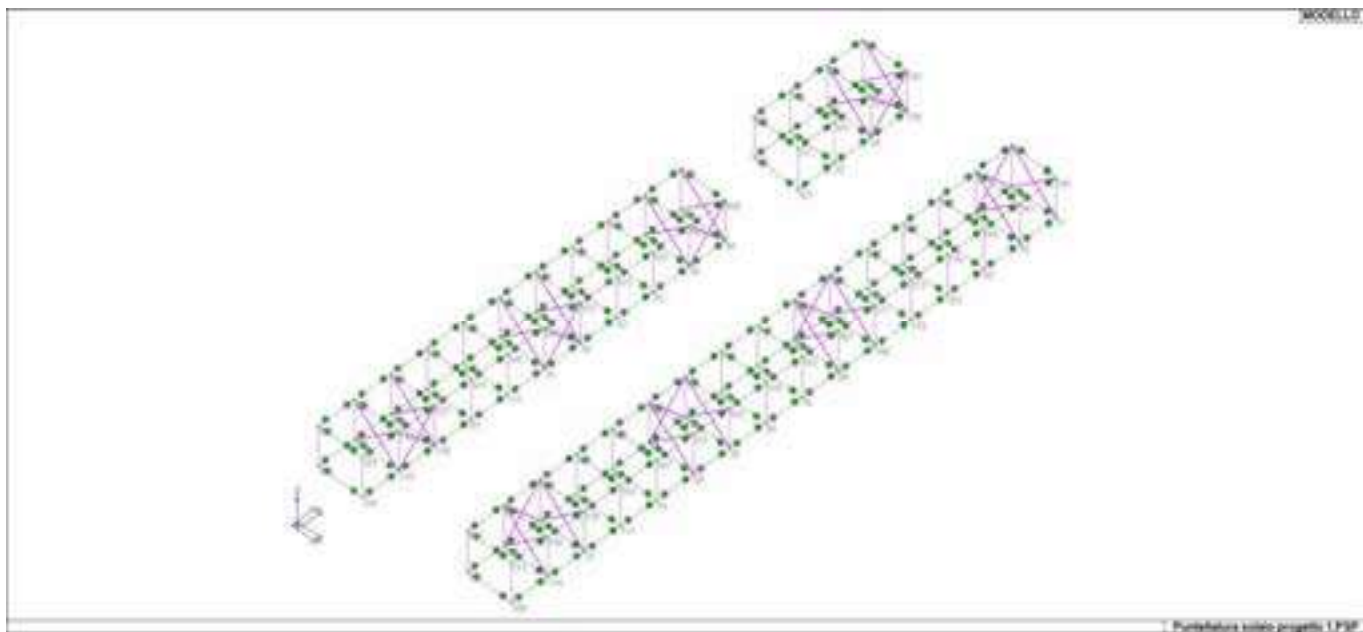
1269	320.2	327.0	968.0	1270	320.2	417.0	968.0	1271	320.2	507.0	968.0
1272	320.2	597.0	968.0	1273	320.2	687.0	968.0	1274	320.2	777.0	968.0
1275	320.2	867.0	968.0	1276	320.2	957.0	968.0	1277	320.2	1047.0	968.0
1278	320.2	1137.0	968.0	1279	320.2	1227.0	968.0	1280	320.2	1317.0	968.0
1281	320.2	1407.0	968.0	1282	320.2	1497.0	968.0	1283	320.2	147.0	1100.0
1284	320.2	237.0	1100.0	1285	320.2	327.0	1100.0	1286	320.2	417.0	1100.0
1287	320.2	507.0	1100.0	1288	320.2	597.0	1100.0	1289	320.2	687.0	1100.0
1290	320.2	777.0	1100.0	1291	320.2	867.0	1100.0	1292	320.2	957.0	1100.0
1293	320.2	1047.0	1100.0	1294	320.2	1137.0	1100.0	1295	320.2	1227.0	1100.0
1296	320.2	1317.0	1100.0	1297	320.2	1407.0	1100.0	1298	320.2	1497.0	1100.0
1299	430.2	102.0	968.0	1300	430.2	192.0	968.0	1301	430.2	282.0	968.0
1302	430.2	372.0	968.0	1303	430.2	462.0	968.0	1304	430.2	552.0	968.0
1305	430.2	642.0	968.0	1306	430.2	732.0	968.0	1307	430.2	822.0	968.0
1308	430.2	912.0	968.0	1309	430.2	1002.0	968.0	1310	430.2	1092.0	968.0
1311	430.2	1182.0	968.0	1312	430.2	1272.0	968.0	1313	430.2	1362.0	968.0
1314	430.2	1452.0	968.0	1315	430.2	1542.0	968.0	1316	430.2	867.0	1040.0
1317	430.2	957.0	1040.0	1318	430.2	1047.0	1040.0	1319	430.2	1137.0	1040.0
1320	430.2	1227.0	1040.0	1321	430.2	1317.0	1040.0	1322	430.2	1407.0	1040.0
1323	430.2	1497.0	1040.0	1324	430.2	147.0	1040.0	1325	430.2	237.0	1040.0
1326	430.2	327.0	1040.0	1327	430.2	417.0	1040.0	1328	430.2	507.0	1040.0
1329	430.2	597.0	1040.0	1330	430.2	687.0	1040.0	1331	430.2	777.0	1040.0
1332	430.2	147.0	968.0	1333	430.2	237.0	968.0	1334	430.2	327.0	968.0
1335	430.2	417.0	968.0	1336	430.2	507.0	968.0	1337	430.2	597.0	968.0
1338	430.2	687.0	968.0	1339	430.2	777.0	968.0	1340	430.2	867.0	968.0
1341	430.2	957.0	968.0	1342	430.2	1047.0	968.0	1343	430.2	1137.0	968.0
1344	430.2	1227.0	968.0	1345	430.2	1317.0	968.0	1346	430.2	1407.0	968.0
1347	430.2	1497.0	968.0	1348	430.2	147.0	1100.0	1349	430.2	237.0	1100.0
1350	430.2	327.0	1100.0	1351	430.2	417.0	1100.0	1352	430.2	507.0	1100.0
1353	430.2	597.0	1100.0	1354	430.2	687.0	1100.0	1355	430.2	777.0	1100.0
1356	430.2	867.0	1100.0	1357	430.2	957.0	1100.0	1358	430.2	1047.0	1100.0
1359	430.2	1137.0	1100.0	1360	430.2	1227.0	1100.0	1361	430.2	1317.0	1100.0
1362	430.2	1407.0	1100.0	1363	430.2	1497.0	1100.0	1364	145.2	147.0	968.0
1365	145.2	237.0	968.0	1366	145.2	327.0	968.0	1367	145.2	417.0	968.0
1368	145.2	507.0	968.0	1369	145.2	597.0	968.0	1370	145.2	687.0	968.0
1371	145.2	777.0	968.0	1372	145.2	867.0	968.0	1373	145.2	957.0	968.0
1374	145.2	1047.0	968.0	1375	145.2	1137.0	968.0	1376	145.2	1227.0	968.0
1377	145.2	1317.0	968.0	1378	145.2	1407.0	968.0	1379	145.2	1497.0	968.0
1380	145.2	147.0	1040.0	1381	145.2	237.0	1040.0	1382	145.2	327.0	1040.0
1383	145.2	417.0	1040.0	1384	145.2	507.0	1040.0	1385	145.2	597.0	1040.0
1386	145.2	687.0	1040.0	1387	145.2	777.0	1040.0	1388	145.2	867.0	1040.0
1389	145.2	957.0	1040.0	1390	145.2	1047.0	1040.0	1391	145.2	1137.0	1040.0
1392	145.2	1227.0	1040.0	1393	145.2	1317.0	1040.0	1394	145.2	1407.0	1040.0
1395	145.2	1497.0	1040.0	1396	145.2	147.0	1100.0	1397	145.2	237.0	1100.0
1398	145.2	327.0	1100.0	1399	145.2	417.0	1100.0	1400	145.2	507.0	1100.0
1401	145.2	597.0	1100.0	1402	145.2	687.0	1100.0	1403	145.2	777.0	1100.0
1404	145.2	867.0	1100.0	1405	145.2	957.0	1100.0	1406	145.2	1047.0	1100.0
1407	145.2	1137.0	1100.0	1408	145.2	1227.0	1100.0	1409	145.2	1317.0	1100.0
1410	145.2	1407.0	1100.0	1411	145.2	1497.0	1100.0	1412	235.2	147.0	968.0
1413	235.2	237.0	968.0	1414	235.2	327.0	968.0	1415	235.2	417.0	968.0
1416	235.2	507.0	968.0	1417	235.2	597.0	968.0	1418	235.2	687.0	968.0
1419	235.2	777.0	968.0	1420	235.2	867.0	968.0	1421	235.2	957.0	968.0
1422	235.2	1047.0	968.0	1423	235.2	1137.0	968.0	1424	235.2	1227.0	968.0
1425	235.2	1317.0	968.0	1426	235.2	1407.0	968.0	1427	235.2	1497.0	968.0
1428	235.2	147.0	1040.0	1429	235.2	237.0	1040.0	1430	235.2	327.0	1040.0
1431	235.2	417.0	1040.0	1432	235.2	507.0	1040.0	1433	235.2	597.0	1040.0
1434	235.2	687.0	1040.0	1435	235.2	777.0	1040.0	1436	235.2	867.0	1040.0
1437	235.2	957.0	1040.0	1438	235.2	1047.0	1040.0	1439	235.2	1137.0	1040.0
1440	235.2	1227.0	1040.0	1441	235.2	1317.0	1040.0	1442	235.2	1407.0	1040.0
1443	235.2	1497.0	1040.0	1444	235.2	147.0	1100.0	1445	235.2	237.0	1100.0
1446	235.2	327.0	1100.0	1447	235.2	417.0	1100.0	1448	235.2	507.0	1100.0
1449	235.2	597.0	1100.0	1450	235.2	687.0	1100.0	1451	235.2	777.0	1100.0
1452	235.2	867.0	1100.0	1453	235.2	957.0	1100.0	1454	235.2	1047.0	1100.0
1455	235.2	1137.0	1100.0	1456	235.2	1227.0	1100.0				

Nodo	X	Y	Z	Note	Rig. TX	Rig. TY	Rig. TZ	Rig. RX	Rig. RY	Rig. RZ
	cm	cm	cm		daN/cm	daN/cm	daN/cm	daN cm/rad	daN cm/rad	daN cm/rad
1	-49.8	102.0	0.0	v=111000						
2	60.2	102.0	0.0	v=111000						
5	320.2	102.0	0.0	v=111000						
6	430.2	102.0	0.0	v=111000						
7	-49.8	192.0	0.0	v=111000						
8	60.2	192.0	0.0	v=111000						
11	320.2	192.0	0.0	v=111000						
12	430.2	192.0	0.0	v=111000						
13	-49.8	282.0	0.0	v=111000						
14	60.2	282.0	0.0	v=111000						

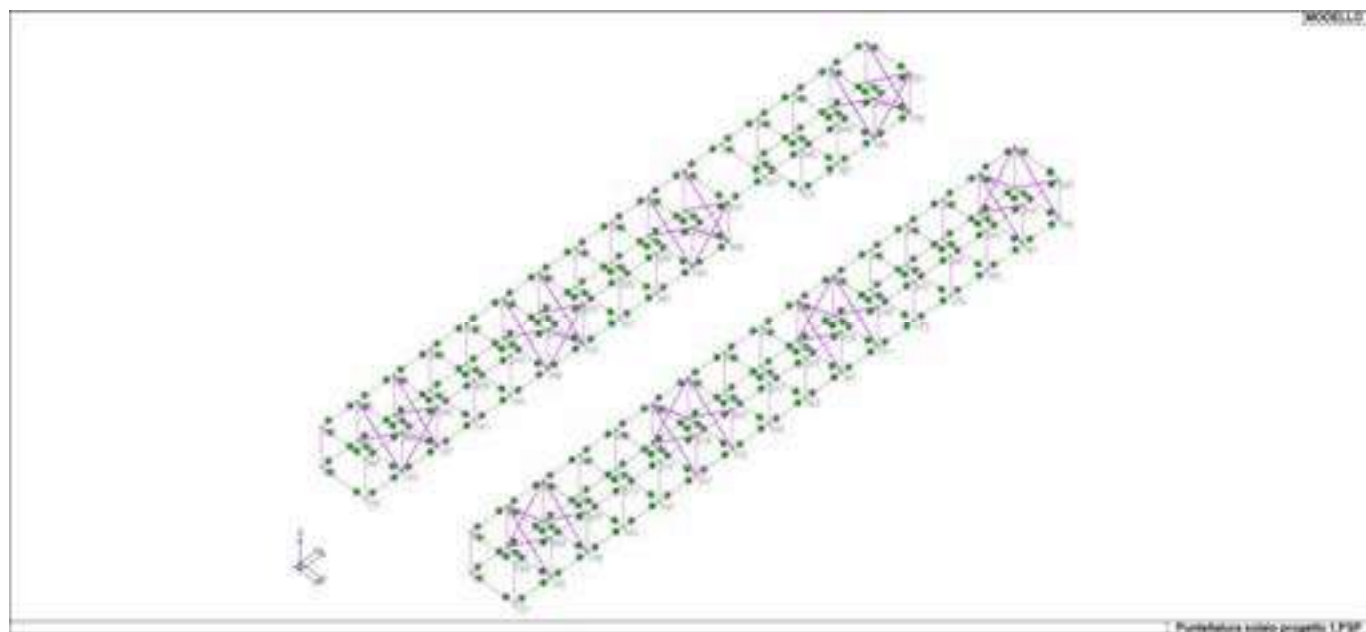
17	320.2	282.0	0.0	v=111000
18	430.2	282.0	0.0	v=111000
19	-49.8	372.0	0.0	v=111000
20	60.2	372.0	0.0	v=111000
23	320.2	372.0	0.0	v=111000
24	430.2	372.0	0.0	v=111000
25	-49.8	462.0	0.0	v=111000
26	60.2	462.0	0.0	v=111000
29	320.2	462.0	0.0	v=111000
30	430.2	462.0	0.0	v=111000
31	-49.8	552.0	0.0	v=111000
32	60.2	552.0	0.0	v=111000
35	320.2	552.0	0.0	v=111000
36	430.2	552.0	0.0	v=111000
37	-49.8	642.0	0.0	v=111000
38	60.2	642.0	0.0	v=111000
41	320.2	642.0	0.0	v=111000
42	430.2	642.0	0.0	v=111000
43	-49.8	732.0	0.0	v=111000
44	60.2	732.0	0.0	v=111000
47	320.2	732.0	0.0	v=111000
48	430.2	732.0	0.0	v=111000
49	-49.8	822.0	0.0	v=111000
50	60.2	822.0	0.0	v=111000
53	320.2	822.0	0.0	v=111000
54	430.2	822.0	0.0	v=111000
55	-49.8	912.0	0.0	v=111000
56	60.2	912.0	0.0	v=111000
59	320.2	912.0	0.0	v=111000
60	430.2	912.0	0.0	v=111000
61	-49.8	1002.0	0.0	v=111000
62	60.2	1002.0	0.0	v=111000
65	320.2	1002.0	0.0	v=111000
66	430.2	1002.0	0.0	v=111000
79	-49.8	1272.0	0.0	v=111000
80	60.2	1272.0	0.0	v=111000
83	320.2	1272.0	0.0	v=111000
84	430.2	1272.0	0.0	v=111000
91	-49.8	1452.0	0.0	v=111000
92	60.2	1452.0	0.0	v=111000
95	320.2	1452.0	0.0	v=111000
96	430.2	1452.0	0.0	v=111000
97	-49.8	1182.0	0.0	v=111000
98	60.2	1182.0	0.0	v=111000
101	320.2	1182.0	0.0	v=111000
102	430.2	1182.0	0.0	v=111000
174	320.2	1092.0	0.0	v=111000
175	430.2	1092.0	0.0	v=111000
870	-49.8	1362.0	0.0	v=111000
871	60.2	1362.0	0.0	v=111000
872	320.2	1362.0	0.0	v=111000
873	430.2	1362.0	0.0	v=111000



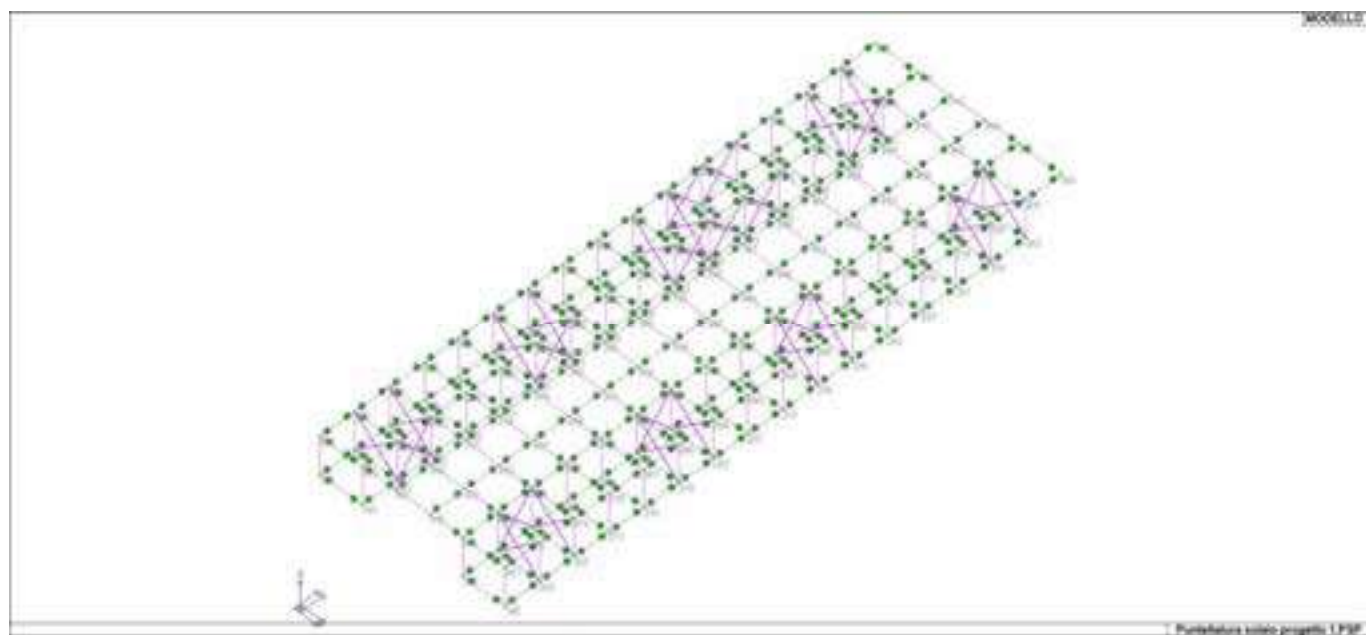
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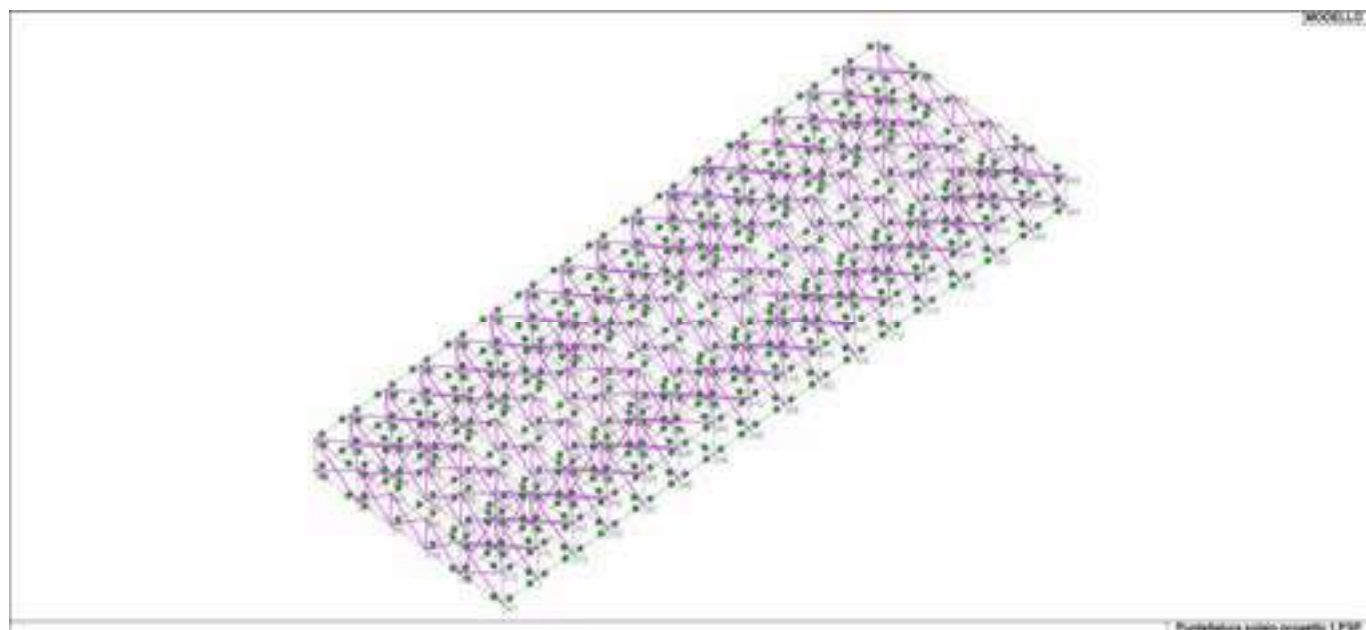
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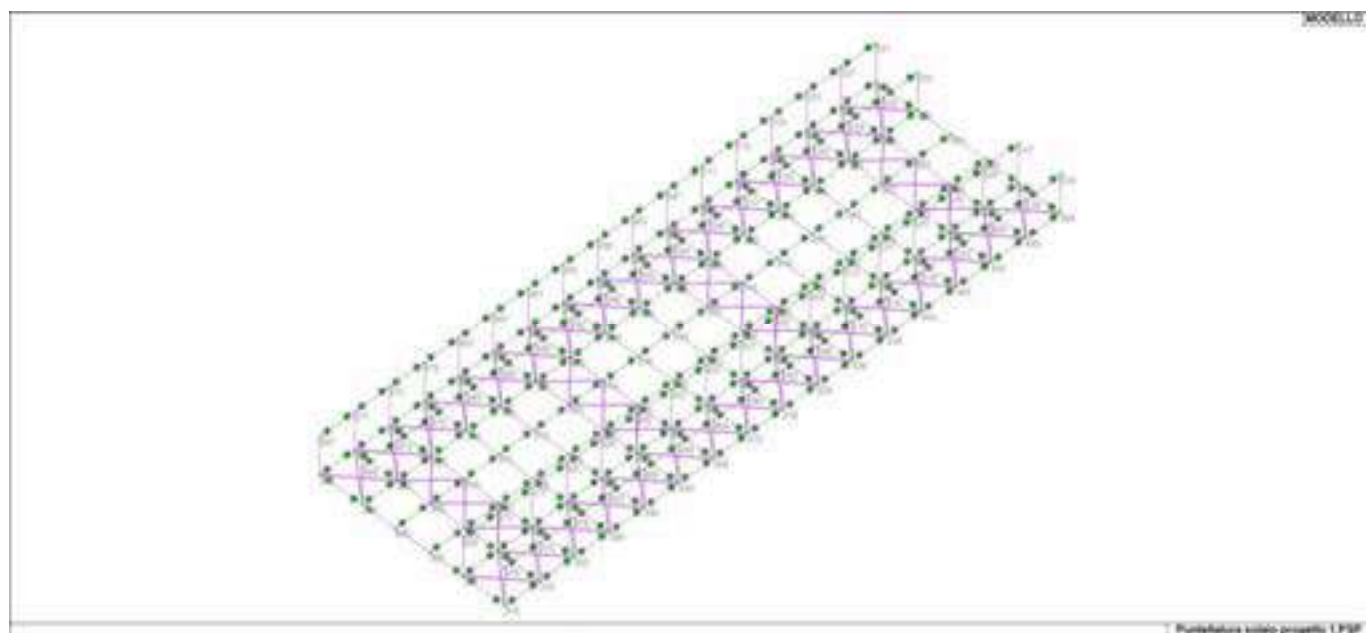
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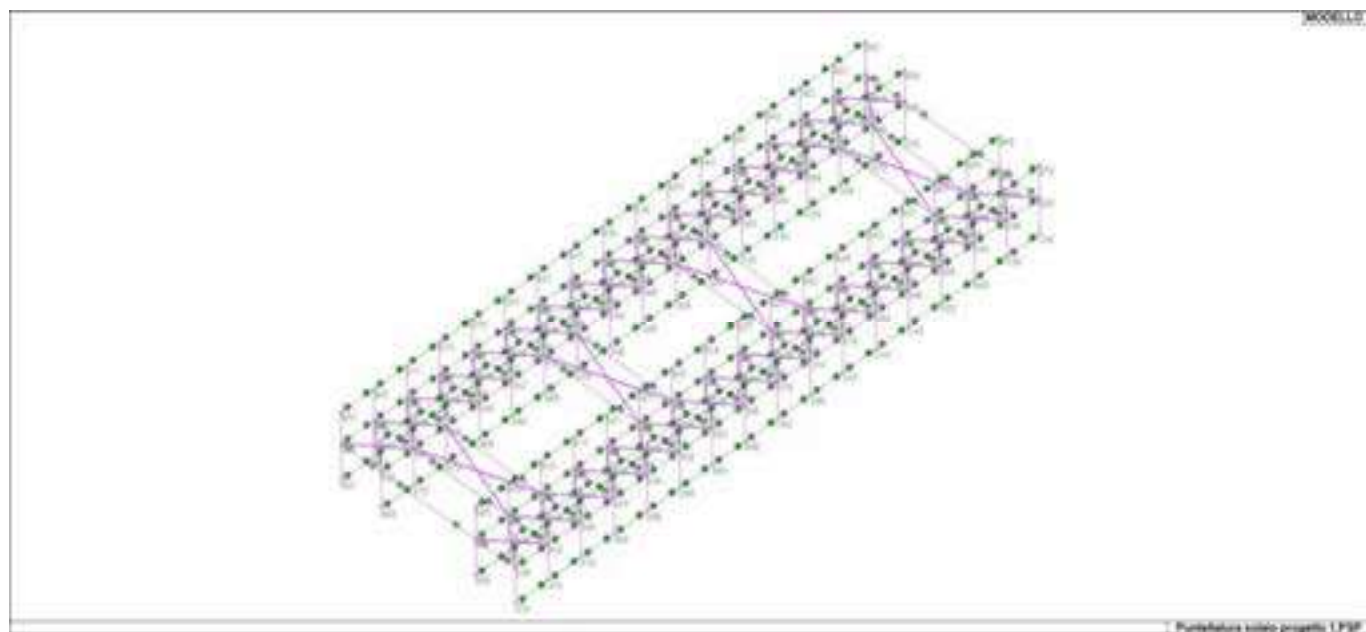
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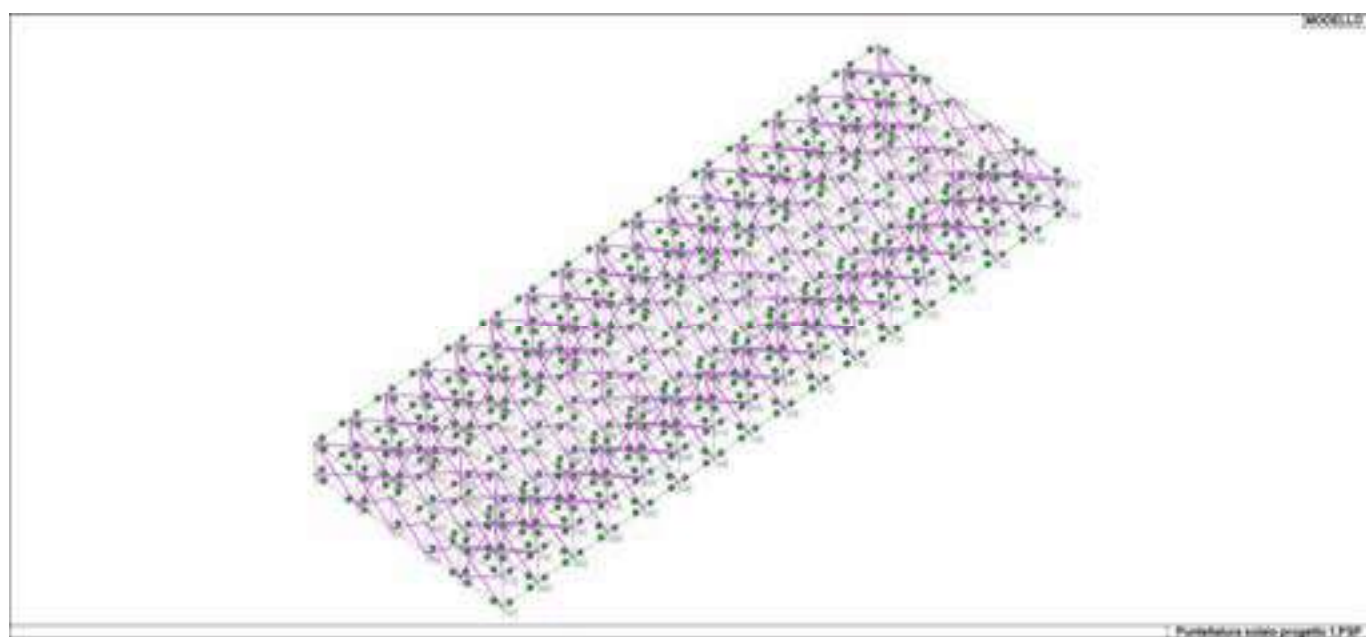
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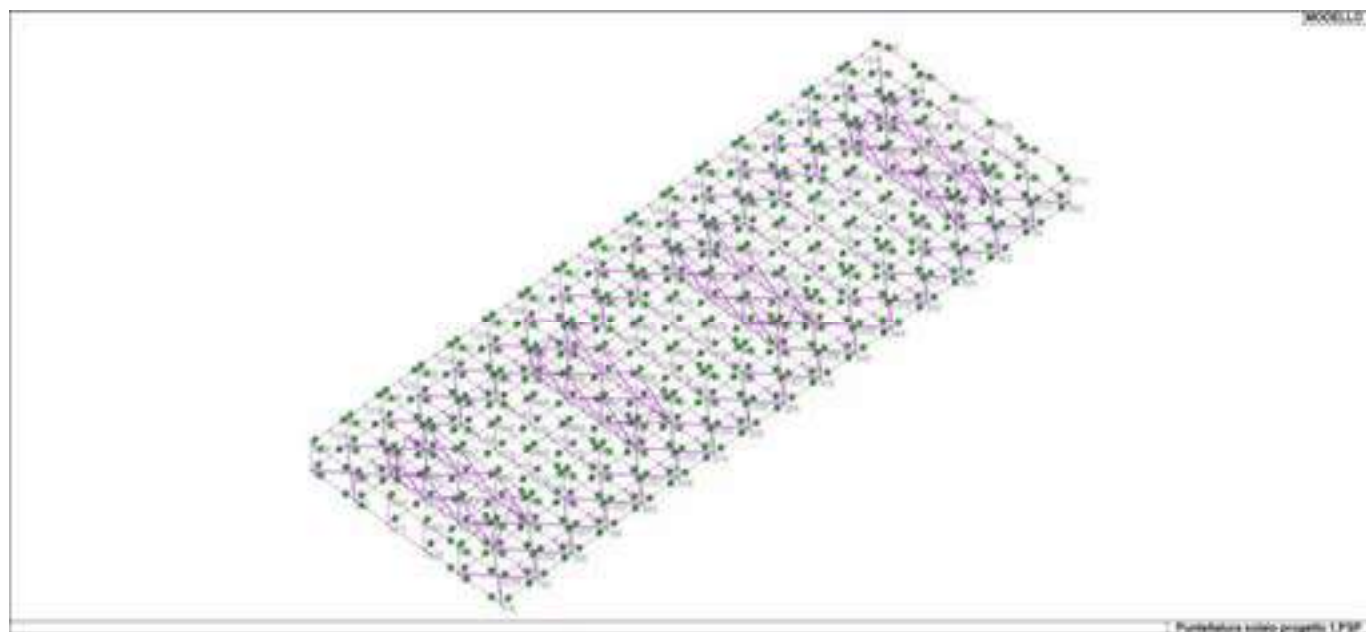
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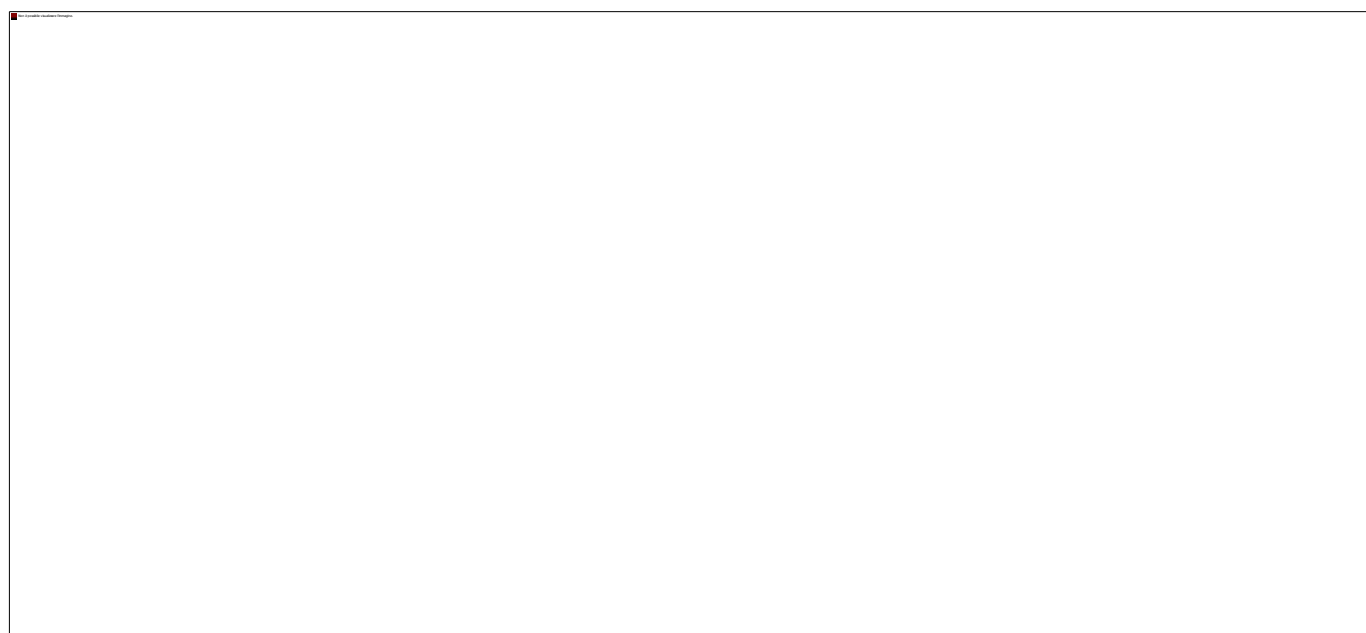
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14_MOD_NUMERAZIONE_NODI_GR_011



14_MOD_NUMERAZIONE_NODI_GR_012

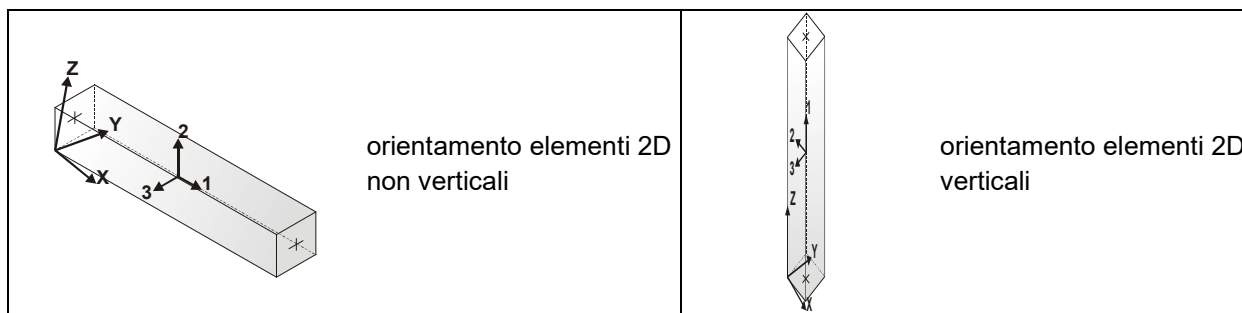
MODELLAZIONE STRUTTURA: ELEMENTI TRAVE

TABELLA DATI TRAVI

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

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

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



In particolare per ogni elemento viene indicato in tabella:

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

Elem.	Note	Nodo I	Nodo J	Mat.	Sez.	Crit.	Rotaz. gradi	Svincolo I	Svincolo J	Wink V daN/cm3	Wink O daN/cm3
1	Asta tesa	273	382	11	15	1					
2	Asta tesa	381	274	11	15	1					
3	Asta tesa	378	545	11	15	1					
4	Asta tesa	677	780	11	15	1					
5	Asta tesa	774	678	11	15	1					
6	Asta tesa	113	138	11	15	1					
7	Asta tesa	779	678	11	15	1					
8	Asta tesa	134	4	11	15	1					
9	Asta tesa	134	206	11	15	1					
10	Asta tesa	202	138	11	15	1					
11	Asta tesa	202	273	11	15	1					
12	Asta tesa	301	429	11	15	1					
13	Asta tesa	429	309	11	15	1					
14	Asta tesa	309	441	11	15	1					
15	Asta tesa	441	317	11	15	1					
16	Asta tesa	317	453	11	15	1					
17	Asta tesa	453	325	11	15	1					
18	Asta tesa	264	366	11	15	1					
19	Asta tesa	365	265	11	15	1					
20	Asta tesa	265	908	11	15	1					
21	Asta tesa	366	367	11	15	1					
22	Asta tesa	773	672	11	15	1					
23	Asta tesa	367	925	11	15	1					
24	Asta tesa	671	774	11	15	1					
25	Asta tesa	908	416	11	15	1					
26	Asta tesa	416	369	11	15	1					
27	Asta tesa	925	266	11	15	1					
28	Asta tesa	266	370	11	15	1					
29	Asta tesa	369	267	11	15	1					
30	Asta tesa	544	381	11	15	1					
31	Asta tesa	544	683	11	15	1					
32	Asta tesa	682	545	11	15	1					
33	Asta tesa	777	742	11	15	1					
34	Asta tesa	675	778	11	15	1					
35	Asta tesa	109	133	11	15	1					
36	Asta tesa	132	110	11	15	1					
37	Asta tesa	132	201	11	15	1					
38	Asta tesa	200	133	11	15	1					
39	Asta tesa	200	269	11	15	1					
40	Asta tesa	268	201	11	15	1					
41	Asta tesa	113	135	11	15	1					
42	Asta tesa	134	114	11	15	1					
43	Asta tesa	134	203	11	15	1					
44	Asta tesa	202	135	11	15	1					
45	Asta tesa	202	3	11	15	1					
46	Asta tesa	270	203	11	15	1					
47	Asta tesa	268	372	11	15	1					
48	Asta tesa	371	269	11	15	1					
49	Asta tesa	269	909	11	15	1					
50	Asta tesa	372	368	11	15	1					
51	Asta tesa	368	926	11	15	1					
52	Asta tesa	909	421	11	15	1					
53	Asta tesa	421	375	11	15	1					
54	Asta tesa	926	270	11	15	1					
55	Asta tesa	270	376	11	15	1					
56	Asta tesa	375	3	11	15	1					
57	Asta tesa	270	206	11	15	1					
58	Asta tesa	375	545	11	15	1					
59	Asta tesa	316	450	11	15	1					
60	Asta tesa	450	324	11	15	1					
61	Asta tesa	679	784	11	15	1					
62	Asta tesa	783	680	11	15	1					
63	Asta tesa	1082	1065	11	15	1					
64	Asta tesa	1065	768	11	15	1					
65	Asta tesa	1099	957	11	15	1					
66	Asta tesa	279	390	11	15	1					
67	Asta tesa	389	280	11	15	1					
68	Asta tesa	280	912	11	15	1					
69	Asta tesa	390	379	11	15	1					
70	Asta tesa	379	929	11	15	1					
71	Asta tesa	912	428	11	15	1					

72	Asta tesa	428	393	11	15	1
73	Asta tesa	929	282	11	15	1
74	Asta tesa	282	394	11	15	1
75	Asta tesa	393	281	11	15	1
76	Asta tesa	372	541	11	15	1
77	Asta tesa	540	375	11	15	1
78	Asta tesa	540	679	11	15	1
79	Asta tesa	678	541	11	15	1
80	Asta tesa	689	798	11	15	1
81	Asta tesa	797	690	11	15	1
82	Asta tesa	691	802	11	15	1
83	Asta tesa	801	692	11	15	1
84	Asta tesa	15	149	11	15	1
85	Asta tesa	148	16	11	15	1
86	Asta tesa	148	217	11	15	1
87	Asta tesa	216	149	11	15	1
88	Asta tesa	216	284	11	15	1
89	Asta tesa	283	217	11	15	1
90	Asta tesa	283	396	11	15	1
91	Asta tesa	395	284	11	15	1
92	Asta tesa	284	913	11	15	1
93	Asta tesa	396	380	11	15	1
94	Asta tesa	380	930	11	15	1
95	Asta tesa	913	433	11	15	1
96	Asta tesa	433	399	11	15	1
97	Asta tesa	930	285	11	15	1
98	Asta tesa	27	151	11	15	1
99	Asta tesa	150	28	11	15	1
100	Asta tesa	150	219	11	15	1
101	Asta tesa	218	151	11	15	1
102	Asta tesa	218	286	11	15	1
103	Asta tesa	285	219	11	15	1
104	Asta tesa	285	400	11	15	1
105	Asta tesa	399	286	11	15	1
106	Asta tesa	693	804	11	15	1
107	Asta tesa	803	694	11	15	1
108	Asta tesa	695	808	11	15	1
109	Asta tesa	807	696	11	15	1
110	Asta tesa	396	557	11	15	1
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112	Asta tesa	556	695	11	15	1
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114	Asta tesa	679	789	11	15	1
115	Asta tesa	789	687	11	15	1
116	Asta tesa	541	381	11	15	1
117	Asta tesa	541	683	11	15	1
118	Asta tesa	27	154	11	15	1
119	Asta tesa	150	45	11	15	1
120	Asta tesa	150	222	11	15	1
121	Asta tesa	110	137	11	15	1
122	Asta tesa	731	597	11	15	1
123	Asta tesa	133	116	11	15	1
124	Asta tesa	236	307	11	15	1
125	Asta tesa	438	316	11	15	1
126	Asta tesa	303	240	11	15	1
127	Asta tesa	240	311	11	15	1
128	Asta tesa	307	244	11	15	1
129	Asta tesa	303	431	11	15	1
130	Asta tesa	687	801	11	15	1
131	Asta tesa	801	695	11	15	1
132	Asta tesa	695	813	11	15	1
133	Asta tesa	813	703	11	15	1
134	Asta tesa	703	825	11	15	1
135	Asta tesa	825	711	11	15	1
136	Asta tesa	786	686	11	15	1
137	Asta tesa	686	798	11	15	1
138	Asta tesa	798	694	11	15	1
139	Asta tesa	321	459	11	15	1
140	Asta tesa	694	810	11	15	1
141	Asta tesa	435	313	11	15	1
142	Asta tesa	313	447	11	15	1
143	Asta tesa	447	321	11	15	1
144	Asta tesa	297	423	11	15	1
145	Asta tesa	423	305	11	15	1
146	Asta tesa	305	435	11	15	1
147	Asta tesa	399	289	11	15	1
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152	Asta tesa	282	399	11	15	1
153	Asta tesa	272	384	11	15	1
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157	Asta tesa	288	408	11	15	1
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162	Asta tesa	432	312	11	15	1
163	Asta tesa	312	444	11	15	1
164	Asta tesa	810	702	11	15	1
165	Asta tesa	702	822	11	15	1
166	Asta tesa	822	710	11	15	1
167	Asta tesa	710	834	11	15	1
168	Asta tesa	730	864	11	15	1
169	Asta tesa	834	718	11	15	1
170	Asta tesa	722	852	11	15	1
171	Asta tesa	852	730	11	15	1
172	Asta tesa	714	840	11	15	1
173	Asta tesa	840	722	11	15	1
174	Asta tesa	706	828	11	15	1
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176	Asta tesa	698	816	11	15	1
177	Asta tesa	816	706	11	15	1
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184	Asta tesa	16	153	11	15	1
185	Asta tesa	149	34	11	15	1
186	Asta tesa	149	221	11	15	1
187	Asta tesa	217	153	11	15	1
188	Asta tesa	217	288	11	15	1
189	Asta tesa	78	169	11	15	1
190	Asta tesa	165	94	11	15	1
191	Asta tesa	165	237	11	15	1
192	Asta tesa	444	320	11	15	1
193	Asta tesa	320	456	11	15	1
194	Asta tesa	218	154	11	15	1
195	Asta tesa	423	577	11	15	1
196	Asta tesa	717	840	11	15	1
197	Asta tesa	573	429	11	15	1
198	Asta tesa	573	715	11	15	1
199	Asta tesa	206	274	11	15	1
200	Asta tesa	273	207	11	15	1
201	Asta tesa	711	577	11	15	1
202	Asta tesa	461	360	11	15	1
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207	Asta tesa	777	679	11	15	1
208	Asta tesa	425	307	11	15	1
209	Asta tesa	307	437	11	15	1
210	Asta tesa	843	723	11	15	1
211	Asta tesa	133	205	11	15	1
212	Asta tesa	837	719	11	15	1
213	Asta tesa	707	831	11	15	1
214	Asta tesa	719	849	11	15	1
215	Asta tesa	201	137	11	15	1
216	Asta tesa	409	939	11	15	1
217	Asta tesa	922	458	11	15	1
218	Asta tesa	807	699	11	15	1
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221	Asta tesa	795	691	11	15	1
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223	Asta tesa	201	272	11	15	1
224	Asta tesa	783	683	11	15	1
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226	Asta tesa	269	205	11	15	1
227	Asta tesa	718	846	11	15	1
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230	Asta tesa	691	807	11	15	1
231	Asta tesa	861	735	11	15	1
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233	Asta tesa	718	1022	11	15	1
234	Asta tesa	846	726	11	15	1
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237	Asta tesa	726	858	11	15	1
238	Asta tesa	675	783	11	15	1
239	Asta tesa	819	707	11	15	1
240	Asta tesa	186	82	11	15	1
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267	Asta tesa	372	544	11	15	1
268	Asta tesa	540	378	11	15	1
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271	Asta tesa	284	221	11	15	1
272	Asta tesa	396	560	11	15	1
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275	Asta tesa	58	193	11	15	1
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278	Asta tesa	253	193	11	15	1
279	Asta tesa	233	169	11	15	1
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301	Asta tesa	265	372	11	15	1
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303	Asta tesa	1022	1005	11	15	1
304	Asta tesa	1005	843	11	15	1
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306	Asta tesa	719	844	11	15	1
307	Asta tesa	843	720	11	15	1
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310	Asta tesa	733	864	11	15	1
311	Asta tesa	863	734	11	15	1
312	Asta tesa	420	573	11	15	1
313	Asta tesa	572	423	11	15	1
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316	Asta tesa	855	728	11	15	1
317	Asta tesa	721	846	11	15	1
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319	Asta tesa	723	850	11	15	1
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326	Asta tesa	861	732	11	15	1
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331	Asta tesa	592	731	11	15	1
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333	Asta tesa	1023	1006	11	15	1
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337	Asta tesa	1040	723	11	15	1
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358	Asta tesa	391	933	11	15	1
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371	Asta tesa	1035	703	11	15	1
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380	Asta tesa	705	822	11	15	1
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383	Asta tesa	825	708	11	15	1
384	Asta tesa	447	318	11	15	1
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386	Asta tesa	1074	847	11	15	1
387	Asta tesa	1108	975	11	15	1
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466	Asta tesa	218	289	11	15	1
467	Asta tesa	285	222	11	15	1
468	Asta tesa	399	561	11	15	1
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472	Asta tesa	87	170	11	15	1
473	Asta tesa	166	105	11	15	1
474	Asta tesa	166	238	11	15	1
475	Asta tesa	234	170	11	15	1
476	Asta tesa	234	305	11	15	1
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496	Asta tesa	420	576	11	15	1
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498	Asta tesa	572	714	11	15	1
499	Asta tesa	710	576	11	15	1
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501	Asta tesa	1078	823	11	15	1
502	Asta tesa	1112	947	11	15	1
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507	Asta tesa	1067	755	11	15	1
508	Asta tesa	1101	965	11	15	1
509	Asta tesa	238	171	11	15	1
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511	Asta tesa	774	977	11	15	1
512	Asta tesa	672	1011	11	15	1
513	Asta tesa	977	1028	11	15	1
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516	Asta tesa	1028	675	11	15	1
517	Asta tesa	942	1079	11	15	1
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520	Asta tesa	1079	1062	11	15	1
521	Asta tesa	1062	749	11	15	1
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523	Asta tesa	678	1012	11	15	1
524	Asta tesa	780	978	11	15	1
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526	Asta tesa	1012	995	11	15	1
527	Asta tesa	995	783	11	15	1
528	Asta tesa	1029	679	11	15	1
529	Asta tesa	946	1080	11	15	1
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531	Asta tesa	1046	1097	11	15	1
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575	Asta tesa	1100	961	11	15	1
576	Asta tesa	694	1016	11	15	1
577	Asta tesa	804	982	11	15	1
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626	Asta tesa	1034	969	11	15	1
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633	Asta tesa	1102	969	11	15	1
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638	Asta tesa	291	408	11	15	1
639	Asta tesa	407	292	11	15	1
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642	Asta tesa	386	932	11	15	1
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661	Asta tesa	828	986	11	15	1
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688	Asta tesa	303	426	11	15	1
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692	Asta tesa	397	935	11	15	1
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727	Asta tesa	737	89	11	15	1
728	Asta tesa	956	1093	11	15	1
729	Asta tesa	842	1059	11	15	1
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797	Asta tesa	1075	841	11	15	1
798	Asta tesa	1109	955	11	15	1
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813	Asta	750	1140	11	15	1
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815	Asta	907	1149	11	15	1
816	Asta tesa	1149	810	11	15	1
817	Asta tesa	780	1140	11	15	1
818	Asta	1140	754	11	15	1
819	Asta	842	1158	11	15	1
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893	Asta tesa	780	1013	11	15	1
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906	Asta tesa	1017	1033	11	15	1
907	Asta tesa	1033	813	11	15	1
908	Asta tesa	1034	807	11	15	1
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915	Asta tesa	1020	1038	11	15	1
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919	Asta tesa	831	838	11	15	1
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921	Asta tesa	857	864	11	15	1
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1358	Asta	422	927	11	15	1
1359	Asta	386	915	11	15	1
1360	Asta	439	932	11	15	1
1361	Asta	1412	1097	11	15	1
1362	Asta	1097	1413	11	15	1
1363	Asta	1413	1098	11	15	1
1364	Asta	1098	1414	11	15	1
1365	Asta	1414	1099	11	15	1
1366	Asta	1099	1415	11	15	1
1367	Asta	1415	1100	11	15	1
1368	Asta	1100	1416	11	15	1
1369	Asta	1416	1101	11	15	1
1370	Asta	1101	1417	11	15	1
1371	Asta	1417	1102	11	15	1
1372	Asta	1102	1418	11	15	1
1373	Asta	1418	1103	11	15	1
1374	Asta	1103	1419	11	15	1
1375	Asta	1419	1104	11	15	1
1376	Asta	1104	1420	11	15	1
1377	Asta	1420	1105	11	15	1
1378	Asta	1105	1421	11	15	1
1379	Asta	1421	1106	11	15	1
1380	Asta	1106	1422	11	15	1

1381	Asta	1422	1107	11	15	1		
1382	Asta	1107	1423	11	15	1		
1383	Asta	1423	1108	11	15	1		
1384	Asta	1108	1424	11	15	1		
1385	Asta	1424	1109	11	15	1		
1386	Asta	1109	1425	11	15	1		
1387	Asta tesa	1098	953	11	15	1		
1388	Asta tesa	681	786	11	15	1		
1389	Asta tesa	785	682	11	15	1		
1390	Asta tesa	682	1013	11	15	1		
1391	Asta tesa	786	979	11	15	1		
1392	Asta tesa	979	1030	11	15	1		
1393	Asta tesa	1013	996	11	15	1		
1394	Asta tesa	996	789	11	15	1		
1395	Asta tesa	1030	683	11	15	1		
1396	Asta tesa	683	790	11	15	1		
1397	Asta tesa	789	684	11	15	1		
1398	Asta tesa	786	1047	11	15	1		
1399	Asta tesa	950	1013	11	15	1		
1400	Asta tesa	1013	1064	11	15	1		
1401	Asta tesa	1047	1030	11	15	1		
1402	Asta tesa	1030	953	11	15	1		
1403	Asta tesa	1064	789	11	15	1		
1404	Asta tesa	950	1081	11	15	1		
1405	Asta tesa	754	1047	11	15	1		
1406	Asta tesa	1047	1098	11	15	1		
1407	Asta tesa	1081	1064	11	15	1		
1408	Asta tesa	1064	764	11	15	1		
1409	Asta tesa	304	241	11	15	1		
1410	Asta tesa	237	308	11	15	1		
1411	Asta tesa	308	245	11	15	1		
1412	Asta tesa	241	312	11	15	1		
1413	Trave	653	657	11	15	1	000011	000111
1414	Trave	657	661	11	15	1	000011	000111
1415	Trave	661	665	11	15	1	000011	000111
1416	Trave	665	669	11	15	1	000011	000111
1417	Pilas.	603	671	11	15	1		
1418	Pilas.	604	672	11	15	1		
1419	Pilas.	605	675	11	15	1		
1420	Trave	162	163	11	15	1	000011	000111
1421	Pilas.	138	206	11	15	1		
1422	Trave	671	672	11	15	1	000011	000111
1423	Trave	679	680	11	15	1	000011	000111
1424	Pilas.	139	207	11	15	1		
1425	Trave	4	73	11	15	1	000011	000111
1426	Pilas.	607	677	11	15	1		
1427	Pilas.	608	678	11	15	1		
1428	Pilas.	609	679	11	15	1		
1429	Pilas.	610	680	11	15	1		
1430	Pilas.	611	681	11	15	1		
1431	Pilas.	612	682	11	15	1		
1432	Pilas.	613	683	11	15	1		
1433	Pilas.	614	684	11	15	1		
1434	Pilas.	615	685	11	15	1		
1435	Pilas.	616	686	11	15	1		
1436	Pilas.	617	687	11	15	1		
1437	Pilas.	618	688	11	15	1		
1438	Pilas.	619	689	11	15	1		
1439	Pilas.	620	690	11	15	1		
1440	Pilas.	621	691	11	15	1		
1441	Pilas.	622	692	11	15	1		
1442	Pilas.	623	693	11	15	1		
1443	Pilas.	624	694	11	15	1		
1444	Pilas.	625	695	11	15	1		
1445	Pilas.	626	696	11	15	1		
1446	Pilas.	627	697	11	15	1		
1447	Pilas.	628	698	11	15	1		
1448	Pilas.	629	699	11	15	1		
1449	Pilas.	630	700	11	15	1		
1450	Pilas.	631	701	11	15	1		
1451	Pilas.	632	702	11	15	1		
1452	Pilas.	633	703	11	15	1		
1453	Pilas.	634	704	11	15	1		
1454	Pilas.	635	705	11	15	1		
1455	Pilas.	636	706	11	15	1		
1456	Pilas.	637	707	11	15	1		
1457	Pilas.	638	708	11	15	1		

1458	Pilas.	639	709	11	15	1		
1459	Pilas.	640	710	11	15	1		
1460	Pilas.	641	711	11	15	1		
1461	Pilas.	642	712	11	15	1		
1462	Pilas.	643	713	11	15	1		
1463	Pilas.	644	714	11	15	1		
1464	Pilas.	645	715	11	15	1		
1465	Pilas.	646	716	11	15	1		
1466	Pilas.	647	717	11	15	1		
1467	Pilas.	648	718	11	15	1		
1468	Pilas.	649	719	11	15	1		
1469	Pilas.	650	720	11	15	1		
1470	Pilas.	651	721	11	15	1		
1471	Pilas.	652	722	11	15	1		
1472	Pilas.	653	723	11	15	1		
1473	Pilas.	654	724	11	15	1		
1474	Pilas.	655	725	11	15	1		
1475	Pilas.	656	726	11	15	1		
1476	Pilas.	657	727	11	15	1		
1477	Pilas.	658	728	11	15	1		
1478	Trave	771	1148	11	15	1	000011	
1479	Trave	821	822	11	15	1	000011	000111
1480	Trave	825	826	11	15	1	000011	000111
1481	Trave	182	183	11	15	1	000011	000111
1482	Pilas.	663	733	11	15	1		
1483	Pilas.	664	734	11	15	1		
1484	Pilas.	665	735	11	15	1		
1485	Pilas.	666	736	11	15	1		
1486	Pilas.	667	737	11	15	1		
1487	Pilas.	668	738	11	15	1		
1488	Pilas.	669	739	11	15	1		
1489	Pilas.	670	740	11	15	1		
1490	Trave	677	678	11	15	1	000011	000111
1491	Trave	77	78	11	15	1	000011	000111
1492	Trave	166	167	11	15	1	000011	000111
1493	Pilas.	606	742	11	15	1		
1494	Trave	675	742	11	15	1	000011	000111
1495	Trave	681	682	11	15	1	000011	000111
1496	Trave	232	233	11	15	1	000011	000111
1497	Trave	291	292	11	15	1	000011	000111
1498	Pilas.	993	257	11	15	1		
1499	Trave	683	684	11	15	1	000011	000111
1500	Trave	685	686	11	15	1	000011	000111
1501	Pilas.	257	1061	11	15	1		
1502	Pilas.	363	465	11	15	1		
1503	Trave	293	294	11	15	1	000011	000111
1504	Trave	687	688	11	15	1	000011	000111
1505	Trave	689	690	11	15	1	000011	000111
1506	Trave	295	296	11	15	1	000011	000111
1507	Pilas.	69	160	11	15	1		
1508	Pilas.	70	161	11	15	1		
1509	Trave	691	692	11	15	1	000011	000111
1510	Trave	693	694	11	15	1	000011	000111
1511	Pilas.	75	162	11	15	1		
1512	Trave	299	300	11	15	1	000011	000111
1513	Pilas.	76	163	11	15	1		
1514	Trave	695	696	11	15	1	000011	000111
1515	Trave	697	698	11	15	1	000011	000111
1516	Pilas.	77	164	11	15	1		
1517	Pilas.	78	165	11	15	1		
1518	Trave	303	304	11	15	1	000011	000111
1519	Trave	699	700	11	15	1	000011	000111
1520	Trave	701	702	11	15	1	000011	000111
1521	Pilas.	87	166	11	15	1		
1522	Pilas.	88	167	11	15	1		
1523	Pilas.	93	168	11	15	1		
1524	Trave	703	704	11	15	1	000011	000111
1525	Trave	705	706	11	15	1	000011	000111
1526	Trave	305	306	11	15	1	000011	000111
1527	Trave	307	308	11	15	1	000011	000111
1528	Pilas.	94	169	11	15	1		
1529	Trave	707	708	11	15	1	000011	000111
1530	Trave	709	710	11	15	1	000011	000111
1531	Pilas.	364	466	11	15	1		
1532	Pilas.	105	170	11	15	1		
1533	Trave	309	310	11	15	1	000011	000111
1534	Trave	711	712	11	15	1	000011	000111

1535	Trave	713	714	11	15	1	000011	000111
1536	Pilas.	552	620	11	15	1		
1537	Pilas.	553	621	11	15	1		
1538	Trave	269	272	11	15	1	000011	000111
1539	Trave	715	716	11	15	1	000011	000111
1540	Trave	717	718	11	15	1	000011	000111
1541	Pilas.	554	622	11	15	1		
1542	Pilas.	555	623	11	15	1		
1543	Pilas.	544	612	11	15	1		
1544	Trave	719	720	11	15	1	000011	000111
1545	Trave	721	722	11	15	1	000011	000111
1546	Pilas.	545	613	11	15	1		
1547	Pilas.	546	614	11	15	1		
1548	Pilas.	547	615	11	15	1		
1549	Trave	723	724	11	15	1	000011	000111
1550	Trave	725	726	11	15	1	000011	000111
1551	Pilas.	548	616	11	15	1		
1552	Pilas.	549	617	11	15	1		
1553	Pilas.	538	606	11	15	1		
1554	Trave	727	728	11	15	1	000011	000111
1555	Trave	248	249	11	15	1	000011	000111
1556	Trave	250	251	11	15	1	000011	000111
1557	Trave	222	223	11	15	1	000011	000111
1558	Trave	220	221	11	15	1	000011	000111
1559	Trave	923	940	11	15	1		
1560	Trave	733	734	11	15	1	000011	000111
1561	Trave	311	312	11	15	1	000011	000111
1562	Pilas.	106	171	11	15	1		
1563	Pilas.	118	172	11	15	1		
1564	Trave	735	736	11	15	1	000011	000111
1565	Trave	737	738	11	15	1	000011	000111
1566	Pilas.	119	173	11	15	1		
1567	Trave	313	314	11	15	1	000011	000111
1568	Trave	315	316	11	15	1	000011	000111
1569	Trave	739	740	11	15	1	000011	000111
1570	Trave	671	677	11	15	1	000011	000111
1571	Trave	677	681	11	15	1	000011	000111
1572	Trave	681	685	11	15	1	000011	000111
1573	Trave	685	689	11	15	1	000011	000111
1574	Trave	689	693	11	15	1	000011	000111
1575	Trave	693	697	11	15	1	000011	000111
1576	Trave	697	701	11	15	1	000011	000111
1577	Trave	701	705	11	15	1	000011	000111
1578	Trave	705	709	11	15	1	000011	000111
1579	Trave	709	713	11	15	1	000011	000111
1580	Trave	713	717	11	15	1	000011	000111
1581	Trave	717	721	11	15	1	000011	000111
1582	Trave	721	725	11	15	1	000011	000111
1583	Trave	725	729	11	15	1	000011	000111
1584	Trave	729	733	11	15	1	000011	000111
1585	Trave	733	737	11	15	1	000011	000111
1586	Trave	672	678	11	15	1	000011	000111
1587	Trave	678	682	11	15	1	000011	000111
1588	Trave	682	686	11	15	1	000011	000111
1589	Trave	686	690	11	15	1	000011	000111
1590	Trave	690	694	11	15	1	000011	000111
1591	Trave	694	698	11	15	1	000011	000111
1592	Trave	698	702	11	15	1	000011	000111
1593	Trave	702	706	11	15	1	000011	000111
1594	Trave	706	710	11	15	1	000011	000111
1595	Trave	710	714	11	15	1	000011	000111
1596	Trave	714	718	11	15	1	000011	000111
1597	Trave	718	722	11	15	1	000011	000111
1598	Trave	722	726	11	15	1	000011	000111
1599	Trave	726	730	11	15	1	000011	000111
1600	Trave	730	734	11	15	1	000011	000111
1601	Trave	734	738	11	15	1	000011	000111
1602	Pilas.	174	118	11	15	1		
1603	Pilas.	175	119	11	15	1		
1604	Pilas.	120	176	11	15	1		
1605	Trave	317	318	11	15	1	000011	000111
1606	Trave	808	814	11	15	1	000011	000111
1607	Trave	814	820	11	15	1	000011	000111
1608	Trave	820	826	11	15	1	000011	000111
1609	Trave	826	832	11	15	1	000011	000111
1610	Trave	832	838	11	15	1	000011	000111
1611	Trave	323	324	11	15	1	000011	000111

1612	Pilas.	121	177	11	15	1		
1613	Pilas.	122	178	11	15	1		
1614	Pilas.	123	179	11	15	1		
1615	Trave	325	326	11	15	1	000011	000111
1616	Trave	359	360	11	15	1	000011	000111
1617	Pilas.	21	180	11	15	1		
1618	Pilas.	22	181	11	15	1		
1619	Pilas.	39	182	11	15	1		
1620	Trave	363	364	11	15	1	000011	000111
1621	Trave	264	268	11	15	1	000011	000111
1622	Trave	268	271	11	15	1	000011	000111
1623	Trave	271	275	11	15	1	000011	000111
1624	Trave	275	279	11	15	1	000011	000111
1625	Trave	279	283	11	15	1	000011	000111
1626	Trave	283	287	11	15	1	000011	000111
1627	Trave	287	291	11	15	1	000011	000111
1628	Trave	291	295	11	15	1	000011	000111
1629	Trave	295	299	11	15	1	000011	000111
1630	Trave	299	303	11	15	1	000011	000111
1631	Trave	303	307	11	15	1	000011	000111
1632	Trave	307	311	11	15	1	000011	000111
1633	Trave	311	315	11	15	1	000011	000111
1634	Trave	675	679	11	15	1	000011	000111
1635	Trave	679	683	11	15	1	000011	000111
1636	Trave	683	687	11	15	1	000011	000111
1637	Trave	687	691	11	15	1	000011	000111
1638	Trave	691	695	11	15	1	000011	000111
1639	Trave	695	699	11	15	1	000011	000111
1640	Trave	699	703	11	15	1	000011	000111
1641	Trave	703	707	11	15	1	000011	000111
1642	Trave	707	711	11	15	1	000011	000111
1643	Trave	711	715	11	15	1	000011	000111
1644	Trave	715	719	11	15	1	000011	000111
1645	Trave	719	723	11	15	1	000011	000111
1646	Trave	723	727	11	15	1	000011	000111
1647	Trave	727	731	11	15	1	000011	000111
1648	Trave	731	735	11	15	1	000011	000111
1649	Trave	735	739	11	15	1	000011	000111
1650	Trave	742	680	11	15	1	000011	000111
1651	Trave	680	684	11	15	1	000011	000111
1652	Trave	684	688	11	15	1	000011	000111
1653	Trave	688	692	11	15	1	000011	000111
1654	Trave	692	696	11	15	1	000011	000111
1655	Trave	696	700	11	15	1	000011	000111
1656	Trave	700	704	11	15	1	000011	000111
1657	Trave	704	708	11	15	1	000011	000111
1658	Trave	708	712	11	15	1	000011	000111
1659	Trave	712	716	11	15	1	000011	000111
1660	Trave	716	720	11	15	1	000011	000111
1661	Trave	720	724	11	15	1	000011	000111
1662	Trave	724	728	11	15	1	000011	000111
1663	Trave	728	732	11	15	1	000011	000111
1664	Trave	732	736	11	15	1	000011	000111
1665	Trave	736	740	11	15	1	000011	000111
1666	Pilas.	671	773	11	15	1		
1667	Pilas.	672	774	11	15	1		
1668	Trave	15	16	11	15	1	000011	000111
1669	Trave	148	149	11	15	1	000011	000111
1670	Pilas.	675	777	11	15	1		
1671	Pilas.	742	778	11	15	1		
1672	Pilas.	677	779	11	15	1		
1673	Pilas.	678	780	11	15	1		
1674	Pilas.	114	135	11	15	1		
1675	Pilas.	115	136	11	15	1		
1676	Pilas.	679	783	11	15	1		
1677	Pilas.	680	784	11	15	1		
1678	Pilas.	681	785	11	15	1		
1679	Pilas.	682	786	11	15	1		
1680	Trave	46	64	11	15	1	000011	000111
1681	Trave	64	76	11	15	1	000011	000111
1682	Pilas.	683	789	11	15	1		
1683	Pilas.	684	790	11	15	1		
1684	Pilas.	685	791	11	15	1		
1685	Pilas.	686	792	11	15	1		
1686	Trave	9	27	11	15	1	000011	000111
1687	Trave	33	34	11	15	1	000011	000111
1688	Pilas.	687	795	11	15	1		

1689	Pilas.	688	796	11	15	1		
1690	Pilas.	689	797	11	15	1		
1691	Pilas.	690	798	11	15	1		
1692	Trave	121	22	11	15	1	000011	000111
1693	Trave	22	58	11	15	1	000011	000111
1694	Pilas.	691	801	11	15	1		
1695	Pilas.	692	802	11	15	1		
1696	Pilas.	693	803	11	15	1		
1697	Pilas.	694	804	11	15	1		
1698	Trave	112	15	11	15	1	000011	000111
1699	Trave	68	71	11	15	1	000011	000111
1700	Pilas.	695	807	11	15	1		
1701	Pilas.	696	808	11	15	1		
1702	Pilas.	697	809	11	15	1		
1703	Pilas.	698	810	11	15	1		
1704	Trave	103	104	11	15	1	000011	000011
1705	Trave	113	114	11	15	1	000011	000111
1706	Pilas.	699	813	11	15	1		
1707	Pilas.	700	814	11	15	1		
1708	Pilas.	701	815	11	15	1		
1709	Pilas.	702	816	11	15	1		
1710	Pilas.	92	100	11	15	1		
1711	Pilas.	95	68	11	15	1		
1712	Pilas.	703	819	11	15	1		
1713	Pilas.	704	820	11	15	1		
1714	Pilas.	705	821	11	15	1		
1715	Pilas.	706	822	11	15	1		
1716	Trave	232	236	11	15	1	000011	000111
1717	Trave	236	240	11	15	1	000011	000111
1718	Pilas.	707	825	11	15	1		
1719	Pilas.	708	826	11	15	1		
1720	Pilas.	709	827	11	15	1		
1721	Pilas.	710	828	11	15	1		
1722	Pilas.	43	51	11	15	1		
1723	Pilas.	23	72	11	15	1		
1724	Pilas.	711	831	11	15	1		
1725	Pilas.	712	832	11	15	1		
1726	Pilas.	713	833	11	15	1		
1727	Pilas.	714	834	11	15	1		
1728	Trave	931	932	11	15	1	000011	000011
1729	Trave	932	933	11	15	1	000011	000011
1730	Pilas.	715	837	11	15	1		
1731	Pilas.	716	838	11	15	1		
1732	Pilas.	717	839	11	15	1		
1733	Pilas.	718	840	11	15	1		
1734	Trave	940	459	11	15	1	000011	000011
1735	Trave	462	924	11	15	1	000011	
1736	Pilas.	719	843	11	15	1		
1737	Pilas.	720	844	11	15	1		
1738	Pilas.	721	845	11	15	1		
1739	Pilas.	722	846	11	15	1		
1740	Trave	931	405	11	15	1		
1741	Trave	408	915	11	15	1	000011	000011
1742	Pilas.	723	849	11	15	1		
1743	Pilas.	724	850	11	15	1		
1744	Pilas.	725	851	11	15	1		
1745	Pilas.	726	852	11	15	1		
1746	Trave	228	229	11	15	1	000011	000111
1747	Trave	230	231	11	15	1	000011	000111
1748	Pilas.	727	855	11	15	1		
1749	Pilas.	728	856	11	15	1		
1750	Trave	843	849	11	15	1	000011	000111
1751	Pilas.	539	607	11	15	1		
1752	Trave	924	941	11	15	1		
1753	Trave	218	219	11	15	1	000011	000111
1754	Trave	845	846	11	15	1	000011	000111
1755	Trave	849	850	11	15	1	000011	000111
1756	Pilas.	733	863	11	15	1		
1757	Pilas.	734	864	11	15	1		
1758	Pilas.	540	608	11	15	1		
1759	Pilas.	541	609	11	15	1		
1760	Pilas.	735	867	11	15	1		
1761	Pilas.	736	85	11	15	1		
1762	Pilas.	737	86	11	15	1		
1763	Pilas.	738	89	11	15	1		
1764	Pilas.	591	362	11	15	1		
1765	Pilas.	362	729	11	15	1		

1766	Pilas.	739	659	11	15	1		
1767	Pilas.	740	662	11	15	1		
1768	Trave	138	139	11	15	1	000011	000111
1769	Pilas.	140	208	11	15	1		
1770	Pilas.	141	209	11	15	1		
1771	Trave	81	82	11	15	1	000011	000111
1772	Trave	186	187	11	15	1	000011	000111
1773	Pilas.	234	301	11	15	1		
1774	Pilas.	235	302	11	15	1		
1775	Pilas.	236	303	11	15	1		
1776	Pilas.	237	304	11	15	1		
1777	Pilas.	238	305	11	15	1		
1778	Pilas.	226	293	11	15	1		
1779	Pilas.	239	306	11	15	1		
1780	Pilas.	240	307	11	15	1		
1781	Pilas.	227	294	11	15	1		
1782	Pilas.	241	308	11	15	1		
1783	Pilas.	228	295	11	15	1		
1784	Pilas.	229	296	11	15	1		
1785	Pilas.	242	309	11	15	1		
1786	Pilas.	243	310	11	15	1		
1787	Pilas.	230	297	11	15	1		
1788	Pilas.	244	311	11	15	1		
1789	Pilas.	245	312	11	15	1		
1790	Pilas.	246	313	11	15	1		
1791	Pilas.	247	314	11	15	1		
1792	Pilas.	248	315	11	15	1		
1793	Pilas.	231	298	11	15	1		
1794	Pilas.	249	316	11	15	1		
1795	Pilas.	250	317	11	15	1		
1796	Pilas.	232	299	11	15	1		
1797	Pilas.	251	318	11	15	1		
1798	Trave	784	790	11	15	1	000011	000111
1799	Pilas.	233	300	11	15	1		
1800	Trave	790	796	11	15	1	000011	000111
1801	Trave	796	802	11	15	1	000011	000111
1802	Pilas.	221	288	11	15	1		
1803	Trave	802	808	11	15	1	000011	000111
1804	Pilas.	260	323	11	15	1		
1805	Pilas.	222	289	11	15	1		
1806	Pilas.	261	324	11	15	1		
1807	Pilas.	262	325	11	15	1		
1808	Pilas.	223	290	11	15	1		
1809	Pilas.	263	326	11	15	1		
1810	Trave	254	255	11	15	1	000011	000111
1811	Trave	851	852	11	15	1	000011	000111
1812	Trave	855	856	11	15	1	000011	000111
1813	Trave	264	265	11	15	1	000011	000111
1814	Pilas.	224	291	11	15	1		
1815	Pilas.	72	142	11	15	1		
1816	Pilas.	111	143	11	15	1		
1817	Pilas.	112	144	11	15	1		
1818	Trave	266	267	11	15	1	000011	000111
1819	Trave	773	779	11	15	1	000011	000111
1820	Trave	779	785	11	15	1	000011	000111
1821	Trave	785	791	11	15	1	000011	000111
1822	Trave	791	797	11	15	1	000011	000111
1823	Trave	797	803	11	15	1	000011	000111
1824	Trave	803	809	11	15	1	000011	000111
1825	Trave	809	815	11	15	1	000011	000111
1826	Trave	815	821	11	15	1	000011	000111
1827	Trave	821	827	11	15	1	000011	000111
1828	Trave	827	833	11	15	1	000011	000111
1829	Trave	833	839	11	15	1	000011	000111
1830	Trave	839	845	11	15	1	000011	000111
1831	Trave	845	851	11	15	1	000011	000111
1832	Trave	851	857	11	15	1	000011	000111
1833	Trave	857	863	11	15	1	000011	000111
1834	Trave	863	86	11	15	1	000011	000111
1835	Trave	774	780	11	15	1	000011	000111
1836	Trave	780	786	11	15	1	000011	000111
1837	Trave	786	792	11	15	1	000011	000111
1838	Trave	792	798	11	15	1	000011	000111
1839	Trave	798	804	11	15	1	000011	000111
1840	Trave	804	810	11	15	1	000011	000111
1841	Trave	810	816	11	15	1	000011	000111
1842	Trave	816	822	11	15	1	000011	000111

1843	Trave	822	828	11	15	1	000011	000111
1844	Trave	828	834	11	15	1	000011	000111
1845	Trave	834	840	11	15	1	000011	000111
1846	Trave	840	846	11	15	1	000011	000111
1847	Trave	846	852	11	15	1	000011	000111
1848	Trave	852	858	11	15	1	000011	000111
1849	Trave	858	864	11	15	1	000011	000111
1850	Trave	864	89	11	15	1	000011	000111
1851	Trave	268	269	11	15	1	000011	000111
1852	Pilas.	117	145	11	15	1		
1853	Pilas.	9	146	11	15	1		
1854	Pilas.	10	147	11	15	1		
1855	Trave	270	3	11	15	1	000011	000111
1856	Trave	271	272	11	15	1	000011	000111
1857	Pilas.	15	148	11	15	1		
1858	Pilas.	16	149	11	15	1		
1859	Pilas.	27	150	11	15	1		
1860	Trave	273	274	11	15	1	000011	000111
1861	Trave	275	276	11	15	1	000011	000111
1862	Pilas.	28	151	11	15	1		
1863	Pilas.	33	152	11	15	1		
1864	Pilas.	34	153	11	15	1		
1865	Trave	277	278	11	15	1	000011	000111
1866	Pilas.	145	213	11	15	1		
1867	Trave	279	280	11	15	1	000011	000111
1868	Trave	200	201	11	15	1	000011	000111
1869	Trave	75	76	11	15	1	000011	000111
1870	Pilas.	45	154	11	15	1		
1871	Pilas.	46	155	11	15	1		
1872	Pilas.	51	156	11	15	1		
1873	Trave	282	281	11	15	1	000011	000111
1874	Trave	283	284	11	15	1	000011	000111
1875	Pilas.	52	157	11	15	1		
1876	Pilas.	63	158	11	15	1		
1877	Pilas.	64	159	11	15	1		
1878	Trave	285	286	11	15	1	000011	000111
1879	Trave	287	288	11	15	1	000011	000111
1880	Trave	529	533	11	15	1	000011	000111
1881	Trave	365	366	11	15	1	000011	000111
1882	Trave	398	403	11	15	1	000011	000011
1883	Trave	777	783	11	15	1	000011	000111
1884	Trave	319	320	11	15	1	000011	000111
1885	Pilas.	142	210	11	15	1		
1886	Pilas.	143	211	11	15	1		
1887	Pilas.	144	212	11	15	1		
1888	Trave	321	322	11	15	1	000011	000111
1889	Trave	449	450	11	15	1	000011	000111
1890	Trave	463	325	11	15	1		000011
1891	Trave	360	415	11	15	1	000011	
1892	Trave	415	464	11	15	1		
1893	Trave	453	454	11	15	1	000011	000111
1894	Trave	729	730	11	15	1	000011	000111
1895	Trave	315	319	11	15	1	000011	000111
1896	Trave	319	323	11	15	1	000011	000111
1897	Trave	323	359	11	15	1	000011	000111
1898	Trave	731	732	11	15	1	000011	000111
1899	Trave	857	858	11	15	1	000011	000111
1900	Trave	289	290	11	15	1	000011	000111
1901	Pilas.	225	292	11	15	1		
1902	Trave	160	161	11	15	1	000011	000111
1903	Trave	861	862	11	15	1	000011	000111
1904	Trave	610	614	11	15	1	000011	000111
1905	Trave	614	618	11	15	1	000011	000111
1906	Pilas.	206	273	11	15	1		
1907	Pilas.	146	214	11	15	1		
1908	Trave	591	592	11	15	1	000001	000001
1909	Trave	593	594	11	15	1	000001	000001
1910	Pilas.	147	215	11	15	1		
1911	Pilas.	148	216	11	15	1		
1912	Pilas.	57	184	11	15	1		
1913	Pilas.	184	252	11	15	1		
1914	Pilas.	252	319	11	15	1		
1915	Pilas.	319	449	11	15	1		
1916	Pilas.	449	523	11	15	1		
1917	Pilas.	523	591	11	15	1		
1918	Pilas.	149	217	11	15	1		
1919	Pilas.	729	857	11	15	1		

1920	Pilas.	58	185	11	15	1		
1921	Pilas.	185	253	11	15	1		
1922	Pilas.	253	320	11	15	1		
1923	Pilas.	320	450	11	15	1		
1924	Pilas.	450	524	11	15	1		
1925	Pilas.	524	592	11	15	1		
1926	Pilas.	592	660	11	15	1		
1927	Pilas.	660	730	11	15	1		
1928	Pilas.	730	858	11	15	1		
1929	Pilas.	81	186	11	15	1		
1930	Pilas.	186	254	11	15	1		
1931	Pilas.	254	321	11	15	1		
1932	Pilas.	321	453	11	15	1		
1933	Pilas.	453	525	11	15	1		
1934	Pilas.	525	593	11	15	1		
1935	Pilas.	593	661	11	15	1		
1936	Pilas.	661	731	11	15	1		
1937	Pilas.	731	861	11	15	1		
1938	Pilas.	82	187	11	15	1		
1939	Pilas.	187	255	11	15	1		
1940	Pilas.	255	322	11	15	1		
1941	Pilas.	322	454	11	15	1		
1942	Pilas.	454	868	11	15	1		
1943	Pilas.	868	594	11	15	1		
1944	Pilas.	594	869	11	15	1		
1945	Pilas.	869	732	11	15	1		
1946	Pilas.	732	862	11	15	1		
1947	Pilas.	870	57	11	15	1		
1948	Pilas.	871	58	11	15	1		
1949	Pilas.	872	81	11	15	1		
1950	Pilas.	873	82	11	15	1		
1951	Pilas.	150	218	11	15	1		
1952	Trave	863	864	11	15	1	000011	000111
1953	Trave	867	85	11	15	1	000011	000111
1954	Trave	603	607	11	15	1	000011	000111
1955	Trave	607	611	11	15	1	000011	000111
1956	Trave	915	932	11	15	1		
1957	Pilas.	209	276	11	15	1		
1958	Pilas.	210	277	11	15	1		
1959	Pilas.	211	278	11	15	1		
1960	Pilas.	151	219	11	15	1		
1961	Pilas.	212	279	11	15	1		
1962	Pilas.	116	137	11	15	1		
1963	Trave	215	219	11	15	1	000011	000111
1964	Pilas.	152	220	11	15	1		
1965	Trave	132	133	11	15	1	000011	000111
1966	Trave	76	88	11	15	1	000011	000111
1967	Trave	88	106	11	15	1	000011	000111
1968	Trave	219	223	11	15	1	000011	000111
1969	Trave	106	119	11	15	1	000011	000111
1970	Trave	218	222	11	15	1	000011	000111
1971	Trave	128	129	11	15	1	000011	000111
1972	Trave	242	246	11	15	1	000011	000111
1973	Trave	184	185	11	15	1	000011	000111
1974	Trave	252	253	11	15	1	000011	000111
1975	Trave	403	404	11	15	1	000011	000011
1976	Trave	222	226	11	15	1	000011	000111
1977	Trave	212	213	11	15	1	000011	000111
1978	Trave	115	116	11	15	1	000011	000111
1979	Trave	233	237	11	15	1	000011	000111
1980	Trave	198	202	11	15	1	000011	000111
1981	Trave	69	70	11	15	1	000011	000111
1982	Pilas.	96	71	11	15	1		
1983	Pilas.	79	21	11	15	1		
1984	Trave	87	88	11	15	1	000011	000111
1985	Pilas.	80	22	11	15	1		
1986	Trave	773	774	11	15	1	000011	000111
1987	Trave	777	778	11	15	1	000011	000111
1988	Pilas.	83	39	11	15	1		
1989	Pilas.	30	10	11	15	1		
1990	Pilas.	24	111	11	15	1		
1991	Pilas.	25	112	11	15	1		
1992	Pilas.	31	15	11	15	1		
1993	Pilas.	26	117	11	15	1		
1994	Trave	933	934	11	15	1	000011	000011
1995	Trave	934	935	11	15	1	000011	000011
1996	Pilas.	44	52	11	15	1		

1997	Trave	935	936	11	15	1	000011	000011
1998	Trave	941	465	11	15	1		000011
1999	Trave	908	909	11	15	1	000011	000011
2000	Trave	936	937	11	15	1	000011	000011
2001	Trave	909	910	11	15	1	000011	000011
2002	Trave	932	411	11	15	1		000011
2003	Trave	414	916	11	15	1	000011	
2004	Trave	910	911	11	15	1	000011	000011
2005	Trave	916	933	11	15	1		
2006	Trave	236	237	11	15	1	000011	000111
2007	Trave	238	239	11	15	1	000011	000111
2008	Trave	933	417	11	15	1		000011
2009	Trave	244	245	11	15	1	000011	000111
2010	Pilas.	542	610	11	15	1		
2011	Pilas.	543	611	11	15	1		
2012	Trave	366	908	11	15	1	000011	
2013	Pilas.	556	624	11	15	1		
2014	Trave	611	615	11	15	1	000011	000111
2015	Trave	615	619	11	15	1	000011	000111
2016	Pilas.	557	625	11	15	1		
2017	Pilas.	161	229	11	15	1		
2018	Pilas.	162	230	11	15	1		
2019	Pilas.	163	231	11	15	1		
2020	Pilas.	164	232	11	15	1		
2021	Pilas.	356	899	11	15	1		
2022	Pilas.	842	343	11	15	1		
2023	Pilas.	182	250	11	15	1		
2024	Pilas.	859	903	11	15	1		
2025	Pilas.	153	221	11	15	1		
2026	Pilas.	154	222	11	15	1		
2027	Pilas.	155	223	11	15	1		
2028	Pilas.	213	280	11	15	1		
2029	Trave	223	227	11	15	1	000011	000111
2030	Trave	227	231	11	15	1	000011	000111
2031	Trave	231	235	11	15	1	000011	000111
2032	Trave	109	110	11	15	1	000011	000111
2033	Trave	226	230	11	15	1	000011	000111
2034	Trave	246	250	11	15	1	000011	000111
2035	Trave	202	206	11	15	1	000011	000111
2036	Trave	206	210	11	15	1	000011	000111
2037	Trave	230	234	11	15	1	000011	000111
2038	Trave	118	119	11	15	1	000011	000111
2039	Pilas.	97	120	11	15	1		
2040	Trave	210	214	11	15	1	000011	000111
2041	Pilas.	84	40	11	15	1		
2042	Trave	783	789	11	15	1	000011	000111
2043	Pilas.	98	121	11	15	1		
2044	Trave	420	917	11	15	1	000011	
2045	Pilas.	50	70	11	15	1		
2046	Trave	789	795	11	15	1	000011	000111
2047	Trave	908	925	11	15	1		
2048	Trave	937	938	11	15	1	000011	000011
2049	Trave	938	939	11	15	1	000011	000011
2050	Trave	619	623	11	15	1	000011	000111
2051	Trave	911	912	11	15	1	000011	000011
2052	Trave	917	934	11	15	1		
2053	Pilas.	165	233	11	15	1		
2054	Trave	934	423	11	15	1		000011
2055	Trave	925	369	11	15	1		000011
2056	Pilas.	183	251	11	15	1		
2057	Trave	372	909	11	15	1	000011	
2058	Trave	849	855	11	15	1	000011	000111
2059	Pilas.	673	336	11	15	1		
2060	Trave	855	861	11	15	1	000011	000111
2061	Trave	623	627	11	15	1	000011	000111
2062	Trave	930	399	11	15	1		000011
2063	Trave	627	631	11	15	1	000011	000111
2064	Pilas.	166	234	11	15	1		
2065	Pilas.	878	904	11	15	1		
2066	Pilas.	167	235	11	15	1		
2067	Pilas.	835	346	11	15	1		
2068	Pilas.	866	900	11	15	1		
2069	Pilas.	890	347	11	15	1		
2070	Pilas.	848	337	11	15	1		
2071	Pilas.	877	898	11	15	1		
2072	Trave	362	663	11	15	1	000011	000111
2073	Pilas.	853	328	11	15	1		

2074	Pilas.	865	897	11	15	1		
2075	Pilas.	883	329	11	15	1		
2076	Trave	817	1316	11	15	1	000011	
2077	Trave	877	1317	11	15	1	000011	
2078	Trave	878	1318	11	15	1	000011	
2079	Trave	883	1319	11	15	1	000011	
2080	Trave	884	1320	11	15	1	000011	
2081	Trave	889	1321	11	15	1	000011	
2082	Trave	890	1322	11	15	1	000011	
2083	Trave	895	1323	11	15	1	000011	
2084	Pilas.	948	824	11	15	1		
2085	Pilas.	901	748	11	15	1		
2086	Pilas.	200	268	11	15	1		
2087	Pilas.	201	269	11	15	1		
2088	Pilas.	749	818	11	15	1		
2089	Pilas.	759	747	11	15	1		
2090	Pilas.	327	762	11	15	1		
2091	Pilas.	750	811	11	15	1		
2092	Pilas.	558	626	11	15	1		
2093	Pilas.	559	627	11	15	1		
2094	Pilas.	753	761	11	15	1		
2095	Pilas.	760	805	11	15	1		
2096	Pilas.	332	806	11	15	1		
2097	Pilas.	754	745	11	15	1		
2098	Trave	86	89	11	15	1	000011	000111
2099	Trave	89	257	11	15	1	000011	
2100	Pilas.	764	800	11	15	1		
2101	Pilas.	763	793	11	15	1		
2102	Pilas.	333	794	11	15	1		
2103	Pilas.	765	744	11	15	1		
2104	Trave	67	117	11	15	1	000011	000111
2105	Trave	117	16	11	15	1	000011	000111
2106	Pilas.	768	788	11	15	1		
2107	Pilas.	772	743	11	15	1		
2108	Pilas.	338	758	11	15	1		
2109	Pilas.	769	781	11	15	1		
2110	Trave	404	409	11	15	1	000011	000011
2111	Trave	120	121	11	15	1	000011	000111
2112	Pilas.	902	741	11	15	1		
2113	Pilas.	782	775	11	15	1		
2114	Pilas.	339	776	11	15	1		
2115	Pilas.	907	90	11	15	1		
2116	Trave	213	217	11	15	1	000011	000111
2117	Trave	217	221	11	15	1	000011	000111
2118	Pilas.	755	674	11	15	1		
2119	Pilas.	787	874	11	15	1		
2120	Pilas.	344	875	11	15	1		
2121	Pilas.	756	876	11	15	1		
2122	Pilas.	48	64	11	15	1		
2123	Pilas.	49	69	11	15	1		
2124	Pilas.	770	879	11	15	1		
2125	Pilas.	799	880	11	15	1		
2126	Pilas.	345	881	11	15	1		
2127	Pilas.	771	882	11	15	1		
2128	Pilas.	550	618	11	15	1		
2129	Pilas.	551	619	11	15	1		
2130	Pilas.	766	885	11	15	1		
2131	Pilas.	812	886	11	15	1		
2132	Pilas.	350	887	11	15	1		
2133	Pilas.	767	888	11	15	1		
2134	Trave	246	247	11	15	1	000011	000111
2135	Pilas.	17	4	11	15	1		
2136	Pilas.	751	891	11	15	1		
2137	Pilas.	817	892	11	15	1		
2138	Pilas.	351	893	11	15	1		
2139	Pilas.	752	894	11	15	1		
2140	Pilas.	156	224	11	15	1		
2141	Pilas.	214	282	11	15	1		
2142	Pilas.	215	281	11	15	1		
2143	Pilas.	157	225	11	15	1		
2144	Pilas.	216	283	11	15	1		
2145	Trave	250	254	11	15	1	000011	000111
2146	Trave	235	239	11	15	1	000011	000111
2147	Pilas.	217	284	11	15	1		
2148	Trave	239	243	11	15	1	000011	000111
2149	Trave	234	238	11	15	1	000011	000111
2150	Trave	257	124	11	15	1		

2151	Trave	243	247	11	15	1	000011	000111
2152	Trave	124	659	11	15	1		000011
2153	Trave	15	33	11	15	1	000011	000111
2154	Trave	238	242	11	15	1	000011	000111
2155	Trave	199	203	11	15	1	000011	000111
2156	Trave	27	45	11	15	1	000011	000111
2157	Pilas.	32	16	11	15	1		
2158	Trave	33	51	11	15	1	000011	000111
2159	Trave	45	63	11	15	1	000011	000111
2160	Trave	51	69	11	15	1	000011	000111
2161	Pilas.	29	9	11	15	1		
2162	Trave	795	801	11	15	1	000011	000111
2163	Trave	69	77	11	15	1	000011	000111
2164	Pilas.	101	122	11	15	1		
2165	Trave	939	940	11	15	1	000011	000011
2166	Pilas.	53	75	11	15	1		
2167	Pilas.	102	123	11	15	1		
2168	Trave	244	248	11	15	1	000011	000111
2169	Trave	912	913	11	15	1	000011	000011
2170	Trave	867	659	11	15	1	000011	000111
2171	Trave	248	252	11	15	1	000011	000111
2172	Pilas.	47	63	11	15	1		
2173	Trave	426	918	11	15	1	000011	
2174	Trave	940	941	11	15	1	000011	000011
2175	Trave	240	244	11	15	1	000011	000111
2176	Trave	778	784	11	15	1	000011	000111
2177	Trave	909	926	11	15	1		
2178	Trave	913	914	11	15	1	000011	000011
2179	Trave	260	261	11	15	1	000011	000111
2180	Trave	9	10	11	15	1	000011	000111
2181	Trave	861	867	11	15	1	000011	000111
2182	Trave	918	935	11	15	1		
2183	Trave	57	58	11	15	1	000011	000111
2184	Trave	914	915	11	15	1	000011	000011
2185	Pilas.	168	236	11	15	1		
2186	Trave	926	375	11	15	1		000011
2187	Trave	915	916	11	15	1	000011	000011
2188	Trave	935	429	11	15	1		000011
2189	Pilas.	746	348	11	15	1		
2190	Pilas.	1078	1112	11	15	1		
2191	Trave	432	919	11	15	1	000011	
2192	Trave	378	910	11	15	1	000011	
2193	Trave	663	667	11	15	1	000011	000111
2194	Pilas.	169	237	11	15	1		
2195	Trave	910	927	11	15	1		
2196	Trave	369	370	11	15	1	000011	000111
2197	Pilas.	526	330	11	15	1		
2198	Pilas.	836	349	11	15	1		
2199	Trave	659	662	11	15	1	000011	000111
2200	Pilas.	170	238	11	15	1		
2201	Pilas.	357	905	11	15	1		
2202	Pilas.	841	340	11	15	1		
2203	Pilas.	171	239	11	15	1		
2204	Trave	450	922	11	15	1	000011	
2205	Trave	922	939	11	15	1		
2206	Pilas.	854	331	11	15	1		
2207	Pilas.	860	906	11	15	1		
2208	Pilas.	158	226	11	15	1		
2209	Pilas.	159	227	11	15	1		
2210	Pilas.	160	228	11	15	1		
2211	Pilas.	218	285	11	15	1		
2212	Trave	247	251	11	15	1	000011	000111
2213	Pilas.	219	286	11	15	1		
2214	Trave	251	255	11	15	1	000011	000111
2215	Trave	77	93	11	15	1	000011	000111
2216	Pilas.	560	628	11	15	1		
2217	Trave	203	207	11	15	1	000011	000111
2218	Trave	27	28	11	15	1	000011	000111
2219	Trave	63	75	11	15	1	000011	000111
2220	Trave	75	87	11	15	1	000011	000111
2221	Pilas.	1061	1095	11	15	1		
2222	Trave	120	21	11	15	1	000011	000111
2223	Trave	21	57	11	15	1	000011	000111
2224	Trave	262	263	11	15	1	000011	000111
2225	Trave	237	241	11	15	1	000011	000111
2226	Trave	797	798	11	15	1	000011	000111
2227	Pilas.	8	110	11	15	1		

2228	Pilas.	1095	188	11	15	1		
2229	Trave	779	780	11	15	1	000011	000111
2230	Trave	916	917	11	15	1	000011	000011
2231	Trave	196	200	11	15	1	000011	000111
2232	Trave	200	204	11	15	1	000011	000111
2233	Trave	919	936	11	15	1		
2234	Pilas.	56	78	11	15	1		
2235	Pilas.	59	87	11	15	1		
2236	Trave	927	381	11	15	1		000011
2237	Trave	917	918	11	15	1	000011	000011
2238	Trave	918	919	11	15	1	000011	000011
2239	Pilas.	561	629	11	15	1		
2240	Trave	936	435	11	15	1		000011
2241	Trave	438	920	11	15	1	000011	
2242	Trave	631	635	11	15	1	000011	000111
2243	Trave	384	911	11	15	1	000011	
2244	Trave	911	928	11	15	1		
2245	Pilas.	172	242	11	15	1		
2246	Pilas.	192	260	11	15	1		
2247	Pilas.	193	261	11	15	1		
2248	Pilas.	823	358	11	15	1		
2249	Trave	635	639	11	15	1	000011	000111
2250	Trave	639	643	11	15	1	000011	000111
2251	Pilas.	889	341	11	15	1		
2252	Pilas.	173	243	11	15	1		
2253	Pilas.	176	244	11	15	1		
2254	Trave	206	207	11	15	1	000011	000111
2255	Pilas.	896	361	11	15	1		
2256	Pilas.	829	352	11	15	1		
2257	Trave	913	930	11	15	1		
2258	Pilas.	676	342	11	15	1		
2259	Trave	942	1139	11	15	1	000011	
2260	Trave	946	1140	11	15	1	000011	
2261	Trave	950	1141	11	15	1	000011	
2262	Trave	954	1142	11	15	1	000011	
2263	Trave	958	1143	11	15	1	000011	
2264	Trave	962	1149	11	15	1	000011	
2265	Trave	966	1150	11	15	1	000011	
2266	Trave	970	1151	11	15	1	000011	
2267	Trave	974	1152	11	15	1	000011	
2268	Trave	944	1153	11	15	1	000011	
2269	Trave	952	1154	11	15	1	000011	
2270	Trave	960	1155	11	15	1	000011	
2271	Trave	968	1156	11	15	1	000011	
2272	Trave	976	1157	11	15	1	000011	
2273	Trave	956	1158	11	15	1	000011	
2274	Trave	972	1159	11	15	1	000011	
2275	Trave	859	1251	11	15	1	000011	
2276	Trave	767	1160	11	15	1	000011	
2277	Trave	752	1161	11	15	1	000011	
2278	Trave	866	1162	11	15	1	000011	
2279	Trave	860	1163	11	15	1	000011	
2280	Trave	854	1164	11	15	1	000011	
2281	Trave	848	1165	11	15	1	000011	
2282	Trave	842	1166	11	15	1	000011	
2283	Trave	836	1167	11	15	1	000011	
2284	Trave	753	1252	11	15	1	000011	
2285	Trave	759	1324	11	15	1	000011	
2286	Trave	764	1253	11	15	1	000011	
2287	Trave	768	1254	11	15	1	000011	
2288	Trave	902	1255	11	15	1	000011	
2289	Trave	853	1256	11	15	1	000011	
2290	Trave	847	1257	11	15	1	000011	
2291	Trave	841	1258	11	15	1	000011	
2292	Trave	835	1259	11	15	1	000011	
2293	Trave	760	1325	11	15	1	000011	
2294	Trave	763	1326	11	15	1	000011	
2295	Trave	772	1327	11	15	1	000011	
2296	Trave	782	1328	11	15	1	000011	
2297	Trave	787	1329	11	15	1	000011	
2298	Trave	799	1330	11	15	1	000011	
2299	Trave	812	1331	11	15	1	000011	
2300	Trave	755	1260	11	15	1	000011	
2301	Trave	770	1261	11	15	1	000011	
2302	Trave	749	1262	11	15	1	000011	
2303	Trave	766	1263	11	15	1	000011	
2304	Trave	751	1264	11	15	1	000011	

2305	Trave	865	1265	11	15	1	000011	
2306	Trave	829	1266	11	15	1	000011	
2307	Trave	945	1267	11	15	1	000011	
2308	Trave	949	1268	11	15	1	000011	
2309	Trave	953	1269	11	15	1	000011	
2310	Trave	957	1270	11	15	1	000011	
2311	Trave	961	1271	11	15	1	000011	
2312	Trave	965	1272	11	15	1	000011	
2313	Trave	969	1273	11	15	1	000011	
2314	Trave	973	1274	11	15	1	000011	
2315	Trave	943	1275	11	15	1	000011	
2316	Trave	951	1276	11	15	1	000011	
2317	Trave	959	1277	11	15	1	000011	
2318	Trave	967	1278	11	15	1	000011	
2319	Trave	975	1279	11	15	1	000011	
2320	Trave	955	1280	11	15	1	000011	
2321	Trave	971	1281	11	15	1	000011	
2322	Trave	963	1282	11	15	1	000011	
2323	Pilas.	1164	1182	11	15	1		
2324	Pilas.	1157	1165	11	15	1		
2325	Pilas.	1165	1183	11	15	1		
2326	Pilas.	1158	1166	11	15	1		
2327	Pilas.	1166	1184	11	15	1		
2328	Pilas.	1159	1167	11	15	1		
2329	Pilas.	1167	1185	11	15	1		
2330	Pilas.	1190	338	11	15	1		
2331	Pilas.	803	1191	11	15	1		
2332	Pilas.	1191	339	11	15	1		
2333	Pilas.	809	1192	11	15	1		
2334	Pilas.	1192	344	11	15	1		
2335	Pilas.	1195	351	11	15	1		
2336	Pilas.	833	1196	11	15	1		
2337	Pilas.	1196	356	11	15	1		
2338	Pilas.	839	1197	11	15	1		
2339	Pilas.	1197	357	11	15	1		
2340	Pilas.	1257	1295	11	15	1		
2341	Pilas.	1280	1258	11	15	1		
2342	Pilas.	1258	1296	11	15	1		
2343	Pilas.	1281	1259	11	15	1		
2344	Pilas.	1259	1297	11	15	1		
2345	Pilas.	1282	1266	11	15	1		
2346	Pilas.	1266	1298	11	15	1		
2347	Pilas.	802	1303	11	15	1		
2348	Pilas.	1303	782	11	15	1		
2349	Pilas.	808	1304	11	15	1		
2350	Pilas.	1304	787	11	15	1		
2351	Pilas.	814	1305	11	15	1		
2352	Pilas.	1305	799	11	15	1		
2353	Pilas.	844	1310	11	15	1		
2354	Pilas.	1310	883	11	15	1		
2355	Pilas.	850	1311	11	15	1		
2356	Pilas.	1311	884	11	15	1		
2357	Pilas.	942	901	11	15	1		
2358	Pilas.	4	138	11	15	1		
2359	Pilas.	73	139	11	15	1		
2360	Pilas.	945	749	11	15	1		
2361	Pilas.	946	750	11	15	1		
2362	Pilas.	562	630	11	15	1		
2363	Pilas.	196	264	11	15	1		
2364	Pilas.	949	753	11	15	1		
2365	Pilas.	950	754	11	15	1		
2366	Trave	207	211	11	15	1	000011	000111
2367	Trave	211	215	11	15	1	000011	000111
2368	Pilas.	953	764	11	15	1		
2369	Pilas.	954	765	11	15	1		
2370	Trave	87	105	11	15	1		
2371	Trave	105	118	11	15	1	000011	000111
2372	Pilas.	957	768	11	15	1		
2373	Pilas.	958	769	11	15	1		
2374	Pilas.	1010	124	11	15	1		
2375	Pilas.	124	1078	11	15	1		
2376	Pilas.	961	902	11	15	1		
2377	Pilas.	962	907	11	15	1		
2378	Trave	801	802	11	15	1		
2379	Trave	241	245	11	15	1	000011	000111
2380	Pilas.	965	755	11	15	1	000011	000111
2381	Pilas.	966	756	11	15	1		

2382	Trave	783	784	11	15	1	000011	000111
2383	Trave	197	201	11	15	1	000011	000111
2384	Pilas.	969	770	11	15	1		
2385	Pilas.	970	771	11	15	1		
2386	Trave	107	108	11	15	1	000011	000111
2387	Pilas.	35	27	11	15	1		
2388	Pilas.	973	766	11	15	1		
2389	Pilas.	974	767	11	15	1		
2390	Trave	204	208	11	15	1	000011	000111
2391	Trave	208	212	11	15	1	000011	000111
2392	Pilas.	943	751	11	15	1		
2393	Pilas.	944	752	11	15	1		
2394	Pilas.	11	113	11	15	1		
2395	Pilas.	12	114	11	15	1		
2396	Pilas.	951	865	11	15	1		
2397	Pilas.	952	866	11	15	1		
2398	Trave	919	920	11	15	1	000011	000011
2399	Trave	920	921	11	15	1	000011	000011
2400	Pilas.	959	859	11	15	1		
2401	Pilas.	960	860	11	15	1		
2402	Trave	920	937	11	15	1		
2403	Trave	937	441	11	15	1		000011
2404	Pilas.	967	853	11	15	1		
2405	Pilas.	968	854	11	15	1		
2406	Trave	928	387	11	15	1		000011
2407	Trave	390	912	11	15	1	000011	
2408	Pilas.	975	847	11	15	1		
2409	Pilas.	976	848	11	15	1		
2410	Pilas.	194	262	11	15	1		
2411	Pilas.	195	263	11	15	1		
2412	Pilas.	955	841	11	15	1		
2413	Pilas.	956	842	11	15	1		
2414	Pilas.	177	245	11	15	1		
2415	Trave	643	647	11	15	1	000011	000111
2416	Pilas.	971	835	11	15	1		
2417	Pilas.	972	836	11	15	1		
2418	Pilas.	895	353	11	15	1		
2419	Pilas.	178	246	11	15	1		
2420	Pilas.	963	829	11	15	1		
2421	Pilas.	964	830	11	15	1		
2422	Trave	214	215	11	15	1	000011	000111
2423	Pilas.	757	354	11	15	1		
2424	Pilas.	947	823	11	15	1		
2425	Trave	948	901	11	15	1	000011	000111
2426	Pilas.	74	140	11	15	1		
2427	Pilas.	67	141	11	15	1		
2428	Pilas.	220	287	11	15	1		
2429	Trave	749	759	11	15	1	000011	000111
2430	Trave	327	750	11	15	1	000011	000111
2431	Pilas.	197	265	11	15	1		
2432	Pilas.	198	266	11	15	1		
2433	Pilas.	199	267	11	15	1		
2434	Trave	753	760	11	15	1	000011	000111
2435	Trave	332	754	11	15	1	000011	000111
2436	Trave	119	123	11	15	1	000011	000111
2437	Trave	123	40	11	15	1	000011	000111
2438	Trave	40	82	11	15	1	000011	000111
2439	Trave	764	763	11	15	1	000011	000111
2440	Trave	333	765	11	15	1	000011	000111
2441	Trave	118	122	11	15	1	000011	000111
2442	Trave	122	39	11	15	1	000011	000111
2443	Trave	39	81	11	15	1	000011	000111
2444	Trave	768	772	11	15	1	000011	000111
2445	Trave	338	769	11	15	1	000011	000111
2446	Trave	104	110	11	15	1	000011	000111
2447	Trave	110	116	11	15	1	000011	000111
2448	Trave	116	67	11	15	1	000011	000111
2449	Trave	902	782	11	15	1	000011	000111
2450	Trave	339	907	11	15	1	000011	000111
2451	Trave	245	249	11	15	1	000011	000111
2452	Trave	201	205	11	15	1	000011	000111
2453	Trave	249	253	11	15	1	000011	000111
2454	Trave	755	787	11	15	1	000011	000111
2455	Trave	344	756	11	15	1	000011	000111
2456	Trave	205	209	11	15	1	000011	000111
2457	Pilas.	36	28	11	15	1		
2458	Trave	209	213	11	15	1	000011	000111

2459	Trave	770	799	11	15	1	000011	000111
2460	Trave	345	771	11	15	1	000011	000111
2461	Pilas.	37	33	11	15	1		
2462	Pilas.	13	115	11	15	1		
2463	Pilas.	38	34	11	15	1		
2464	Trave	766	812	11	15	1	000011	000111
2465	Trave	350	767	11	15	1	000011	000111
2466	Trave	212	216	11	15	1	000011	000111
2467	Trave	921	922	11	15	1	000011	000011
2468	Trave	216	220	11	15	1	000011	000111
2469	Trave	751	817	11	15	1	000011	000111
2470	Trave	351	752	11	15	1	000011	000111
2471	Pilas.	14	116	11	15	1		
2472	Trave	444	921	11	15	1	000011	
2473	Pilas.	60	88	11	15	1		
2474	Trave	865	877	11	15	1	000011	000111
2475	Trave	356	866	11	15	1	000011	000111
2476	Trave	922	923	11	15	1	000011	000011
2477	Trave	912	929	11	15	1		
2478	Trave	923	924	11	15	1	000011	000011
2479	Trave	859	878	11	15	1	000011	000111
2480	Trave	357	860	11	15	1	000011	000111
2481	Trave	921	938	11	15	1		
2482	Trave	196	197	11	15	1	000011	000111
2483	Trave	938	447	11	15	1		000011
2484	Trave	853	883	11	15	1	000011	000111
2485	Trave	526	854	11	15	1	000011	000111
2486	Trave	929	393	11	15	1		000011
2487	Trave	647	651	11	15	1	000011	000111
2488	Trave	396	913	11	15	1	000011	
2489	Trave	847	884	11	15	1	000011	000111
2490	Trave	673	848	11	15	1	000011	000111
2491	Trave	198	199	11	15	1	000011	000111
2492	Pilas.	179	247	11	15	1		
2493	Trave	204	205	11	15	1	000011	000111
2494	Trave	841	889	11	15	1	000011	000111
2495	Trave	676	842	11	15	1	000011	000111
2496	Trave	651	655	11	15	1	000011	000111
2497	Pilas.	830	355	11	15	1		
2498	Trave	655	362	11	15	1	000011	000111
2499	Trave	835	890	11	15	1	000011	000111
2500	Trave	746	836	11	15	1	000011	000111
2501	Pilas.	180	248	11	15	1		
2502	Trave	926	927	11	15	1	000011	000011
2503	Pilas.	181	249	11	15	1		
2504	Trave	829	895	11	15	1	000011	000111
2505	Trave	757	830	11	15	1	000011	000111
2506	Pilas.	847	334	11	15	1		
2507	Trave	925	926	11	15	1	000011	000011
2508	Pilas.	884	335	11	15	1		
2509	Trave	823	896	11	15	1	000011	000111
2510	Trave	948	1219	11	15	1	000011	
2511	Trave	327	1220	11	15	1	000011	
2512	Trave	332	1221	11	15	1	000011	
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2515	Trave	339	1224	11	15	1	000011	
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2517	Trave	345	1226	11	15	1	000011	
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2522	Trave	526	1231	11	15	1	000011	
2523	Trave	673	1232	11	15	1	000011	
2524	Trave	676	1233	11	15	1	000011	
2525	Trave	746	1234	11	15	1	000011	
2526	Trave	901	1138	11	15	1	000011	
2527	Trave	750	1144	11	15	1	000011	
2528	Trave	754	1145	11	15	1	000011	
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2530	Trave	769	1147	11	15	1	000011	
2531	Trave	907	1168	11	15	1	000011	
2532	Trave	756	1169	11	15	1	000011	
2533	Trave	672	977	11	15	1	000011	
2534	Trave	977	994	11	15	1		
2535	Trave	994	675	11	15	1		000011

2536	Trave	678	978	11	15	1	000011	
2537	Trave	978	995	11	15	1		
2538	Trave	995	679	11	15	1		000011
2539	Trave	682	979	11	15	1	000011	
2540	Trave	979	996	11	15	1		
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2542	Trave	686	980	11	15	1	000011	
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2545	Trave	690	981	11	15	1	000011	
2546	Trave	981	998	11	15	1		
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2548	Trave	694	982	11	15	1	000011	
2549	Trave	982	999	11	15	1		
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2555	Trave	984	1001	11	15	1		
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2557	Trave	706	985	11	15	1	000011	
2558	Trave	985	1002	11	15	1		
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2560	Trave	710	986	11	15	1	000011	
2561	Trave	986	1003	11	15	1		
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2563	Trave	714	987	11	15	1	000011	
2564	Trave	987	1004	11	15	1		
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2566	Trave	718	988	11	15	1	000011	
2567	Trave	988	1005	11	15	1		
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2569	Trave	722	989	11	15	1	000011	
2570	Trave	989	1006	11	15	1		
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2572	Trave	726	990	11	15	1	000011	
2573	Trave	990	1007	11	15	1		
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2575	Trave	730	991	11	15	1	000011	
2576	Trave	991	1008	11	15	1		
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2578	Trave	734	992	11	15	1	000011	
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2628	Trave	798	1015	11	15	1	000011	
2629	Trave	1015	1032	11	15	1		
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2631	Trave	804	1016	11	15	1	000011	
2632	Trave	1016	1033	11	15	1		
2633	Trave	1033	807	11	15	1		000011
2634	Trave	810	1017	11	15	1	000011	
2635	Trave	1017	1034	11	15	1		
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2637	Trave	816	1018	11	15	1	000011	
2638	Trave	1018	1035	11	15	1		
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2646	Trave	834	1021	11	15	1	000011	
2647	Trave	1021	1038	11	15	1		
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2649	Trave	840	1022	11	15	1	000011	
2650	Trave	1022	1039	11	15	1		
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2655	Trave	852	1024	11	15	1	000011	
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2777	Trave	1079	1096	11	15	1		
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2779	Trave	750	1080	11	15	1	000011	
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2860	Pilas.	994	1028	11	15	1		
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2862	Pilas.	1062	1096	11	15	1		
2863	Pilas.	977	1011	11	15	1		
2864	Pilas.	1011	1045	11	15	1		
2865	Pilas.	1045	1079	11	15	1		
2866	Trave	612	616	11	15	1	000011	000111
2867	Pilas.	774	942	11	15	1		
2868	Pilas.	777	945	11	15	1		
2869	Pilas.	1079	1113	11	15	1		
2870	Pilas.	1096	1114	11	15	1		
2871	Pilas.	801	961	11	15	1		
2872	Trave	208	209	11	15	1	000011	000111
2873	Trave	210	211	11	15	1	000011	000111
2874	Pilas.	563	631	11	15	1		
2875	Pilas.	564	632	11	15	1		
2876	Trave	74	67	11	15	1	000011	000111
2877	Trave	791	792	11	15	1	000011	000111
2878	Trave	795	796	11	15	1	000011	000111
2879	Trave	72	111	11	15	1	000011	000111
2880	Pilas.	107	130	11	15	1		
2881	Pilas.	109	132	11	15	1		
2882	Trave	21	22	11	15	1	000011	000111
2883	Pilas.	780	946	11	15	1		
2884	Pilas.	783	949	11	15	1		
2885	Pilas.	978	1012	11	15	1		
2886	Pilas.	1012	1046	11	15	1		
2887	Pilas.	1046	1080	11	15	1		
2888	Pilas.	1080	1115	11	15	1		
2889	Pilas.	995	1029	11	15	1		
2890	Pilas.	1029	1063	11	15	1		
2891	Pilas.	1063	1097	11	15	1		
2892	Pilas.	1097	1116	11	15	1		
2893	Trave	39	40	11	15	1	000011	000111
2894	Trave	180	181	11	15	1	000011	000111
2895	Trave	220	224	11	15	1	000011	000111
2896	Trave	224	228	11	15	1	000011	000111
2897	Trave	228	232	11	15	1	000011	000111
2898	Pilas.	110	133	11	15	1		
2899	Pilas.	113	134	11	15	1		
2900	Trave	112	117	11	15	1	000011	000111
2901	Trave	202	270	11	15	1		
2902	Trave	70	78	11	15	1	000011	000111
2903	Trave	107	113	11	15	1	000011	000111
2904	Trave	113	4	11	15	1	000011	000111
2905	Trave	4	72	11	15	1	000011	000111
2906	Pilas.	203	3	11	15	1		
2907	Pilas.	204	271	11	15	1		
2908	Trave	72	9	11	15	1	000011	000111
2909	Pilas.	205	272	11	15	1		
2910	Trave	214	218	11	15	1	000011	000111
2911	Pilas.	786	950	11	15	1		
2912	Pilas.	789	953	11	15	1		
2913	Pilas.	979	1013	11	15	1		
2914	Pilas.	1013	1047	11	15	1		
2915	Pilas.	1047	1081	11	15	1		
2916	Pilas.	1081	1117	11	15	1		
2917	Pilas.	996	1030	11	15	1		
2918	Pilas.	1030	1064	11	15	1		
2919	Pilas.	1064	1098	11	15	1		
2920	Pilas.	1098	1118	11	15	1		

2921	Trave	785	786	11	15	1	000011	000111
2922	Trave	789	790	11	15	1	000011	000111
2923	Trave	616	620	11	15	1	000011	000111
2924	Trave	620	624	11	15	1	000011	000111
2925	Trave	624	628	11	15	1	000011	000111
2926	Trave	628	632	11	15	1	000011	000111
2927	Trave	632	636	11	15	1	000011	000111
2928	Trave	636	640	11	15	1	000011	000111
2929	Trave	640	644	11	15	1	000011	000111
2930	Trave	644	648	11	15	1	000011	000111
2931	Trave	648	652	11	15	1	000011	000111
2932	Trave	652	656	11	15	1	000011	000111
2933	Trave	656	660	11	15	1	000011	000111
2934	Trave	660	664	11	15	1	000011	000111
2935	Trave	664	668	11	15	1	000011	000111
2936	Trave	605	609	11	15	1	000011	000111
2937	Trave	609	613	11	15	1	000011	000111
2938	Trave	613	617	11	15	1	000011	000111
2939	Trave	617	621	11	15	1	000011	000111
2940	Trave	621	625	11	15	1	000011	000111
2941	Trave	625	629	11	15	1	000011	000111
2942	Pilas.	792	954	11	15	1		
2943	Pilas.	795	957	11	15	1		
2944	Pilas.	980	1014	11	15	1		
2945	Pilas.	1014	1048	11	15	1		
2946	Pilas.	1048	1082	11	15	1		
2947	Pilas.	1082	1119	11	15	1		
2948	Pilas.	997	1031	11	15	1		
2949	Pilas.	1031	1065	11	15	1		
2950	Pilas.	1065	1099	11	15	1		
2951	Pilas.	1099	1120	11	15	1		
2952	Pilas.	41	45	11	15	1		
2953	Pilas.	61	93	11	15	1		
2954	Pilas.	62	94	11	15	1		
2955	Pilas.	65	105	11	15	1		
2956	Trave	801	807	11	15	1	000011	000111
2957	Pilas.	66	106	11	15	1		
2958	Trave	409	410	11	15	1	000011	000011
2959	Trave	410	415	11	15	1	000011	000011
2960	Pilas.	91	99	11	15	1		
2961	Trave	16	34	11	15	1	000011	000111
2962	Trave	74	112	11	15	1	000011	000111
2963	Trave	229	233	11	15	1	000011	000111
2964	Trave	34	52	11	15	1	000011	000111
2965	Trave	52	70	11	15	1	000011	000111
2966	Trave	78	94	11	15	1	000011	000111
2967	Trave	807	813	11	15	1	000011	000111
2968	Trave	99	100	11	15	1	000011	000111
2969	Trave	103	109	11	15	1	000011	000111
2970	Trave	109	115	11	15	1	000011	000111
2971	Trave	115	74	11	15	1	000011	000111
2972	Pilas.	207	274	11	15	1		
2973	Pilas.	208	275	11	15	1		
2974	Trave	221	225	11	15	1	000011	000111
2975	Trave	108	114	11	15	1	000011	000111
2976	Trave	146	147	11	15	1	000011	000111
2977	Pilas.	798	958	11	15	1		
2978	Pilas.	981	1015	11	15	1		
2979	Pilas.	1015	1049	11	15	1		
2980	Pilas.	1049	1083	11	15	1		
2981	Pilas.	1083	1121	11	15	1		
2982	Pilas.	998	1032	11	15	1		
2983	Trave	114	73	11	15	1	000011	000111
2984	Trave	225	229	11	15	1	000011	000111
2985	Trave	73	111	11	15	1	000011	000111
2986	Trave	111	10	11	15	1	000011	000111
2987	Trave	202	203	11	15	1	000011	000111
2988	Trave	10	28	11	15	1	000011	000111
2989	Trave	28	46	11	15	1	000011	000111
2990	Pilas.	103	128	11	15	1		
2991	Pilas.	104	129	11	15	1		
2992	Trave	265	269	11	15	1	000011	000111
2993	Pilas.	40	183	11	15	1		
2994	Trave	272	276	11	15	1	000011	000111
2995	Pilas.	804	962	11	15	1		
2996	Pilas.	807	965	11	15	1		
2997	Pilas.	982	1016	11	15	1		

2998	Pilas.	1016	1050	11	15	1		
2999	Pilas.	1050	1084	11	15	1		
3000	Pilas.	1084	1123	11	15	1		
3001	Pilas.	999	1033	11	15	1		
3002	Pilas.	1033	1067	11	15	1		
3003	Pilas.	1067	1101	11	15	1		
3004	Pilas.	1101	1124	11	15	1		
3005	Trave	276	280	11	15	1	000011	000111
3006	Trave	280	284	11	15	1	000011	000111
3007	Trave	284	288	11	15	1	000011	000111
3008	Trave	288	292	11	15	1	000011	000111
3009	Trave	292	296	11	15	1	000011	000111
3010	Trave	296	300	11	15	1	000011	000111
3011	Trave	300	304	11	15	1	000011	000111
3012	Trave	304	308	11	15	1	000011	000111
3013	Trave	308	312	11	15	1	000011	000111
3014	Trave	312	316	11	15	1	000011	000111
3015	Trave	316	320	11	15	1	000011	000111
3016	Trave	320	324	11	15	1	000011	000111
3017	Trave	324	360	11	15	1	000011	000111
3018	Trave	630	634	11	15	1	000011	000111
3019	Trave	634	638	11	15	1	000011	000111
3020	Trave	638	642	11	15	1	000011	000111
3021	Trave	45	46	11	15	1	000011	000111
3022	Trave	642	646	11	15	1	000011	000111
3023	Trave	646	650	11	15	1	000011	000111
3024	Trave	650	654	11	15	1	000011	000111
3025	Trave	654	658	11	15	1	000011	000111
3026	Trave	658	869	11	15	1	000011	000111
3027	Trave	869	666	11	15	1	000011	000111
3028	Trave	666	670	11	15	1	000011	000111
3029	Trave	813	819	11	15	1	000011	000111
3030	Trave	819	825	11	15	1	000011	000111
3031	Trave	825	831	11	15	1	000011	000111
3032	Trave	831	837	11	15	1	000011	000111
3033	Pilas.	1112	256	11	15	1		
3034	Trave	416	421	11	15	1	000011	000011
3035	Trave	525	529	11	15	1	000011	000111
3036	Trave	375	376	11	15	1	000011	000111
3037	Trave	540	541	11	15	1	000001	000001
3038	Trave	544	545	11	15	1	000001	000001
3039	Trave	556	557	11	15	1	000001	000001
3040	Trave	560	561	11	15	1	000001	000001
3041	Trave	572	573	11	15	1	000001	000001
3042	Pilas.	810	966	11	15	1		
3043	Pilas.	813	969	11	15	1		
3044	Pilas.	565	633	11	15	1		
3045	Pilas.	566	634	11	15	1		
3046	Pilas.	983	1017	11	15	1		
3047	Pilas.	1017	1051	11	15	1		
3048	Pilas.	1051	1085	11	15	1		
3049	Pilas.	1085	1125	11	15	1		
3050	Pilas.	1000	1034	11	15	1		
3051	Pilas.	1034	1068	11	15	1		
3052	Pilas.	1068	1102	11	15	1		
3053	Pilas.	1102	1126	11	15	1		
3054	Trave	809	810	11	15	1	000011	000111
3055	Trave	813	814	11	15	1	000011	000111
3056	Trave	576	577	11	15	1	000001	000001
3057	Trave	592	593	11	15	1	000001	000001
3058	Trave	596	597	11	15	1	000001	000001
3059	Trave	377	378	11	15	1	000011	000111
3060	Pilas.	567	635	11	15	1		
3061	Pilas.	99	192	11	15	1		
3062	Pilas.	100	193	11	15	1		
3063	Trave	266	270	11	15	1	000011	000111
3064	Trave	270	273	11	15	1	000011	000111
3065	Trave	273	277	11	15	1	000011	000111
3066	Trave	277	282	11	15	1	000011	000111
3067	Trave	282	285	11	15	1	000011	000111
3068	Trave	285	289	11	15	1	000011	000111
3069	Trave	289	293	11	15	1	000011	000111
3070	Trave	293	297	11	15	1	000011	000111
3071	Trave	297	301	11	15	1	000011	000111
3072	Trave	301	305	11	15	1	000011	000111
3073	Trave	305	309	11	15	1	000011	000111
3074	Trave	309	313	11	15	1	000011	000111

3075	Trave	313	317	11	15	1	000011	000111
3076	Trave	317	321	11	15	1	000011	000111
3077	Trave	321	325	11	15	1	000011	000111
3078	Trave	325	363	11	15	1	000011	000111
3079	Trave	267	3	11	15	1	000011	000111
3080	Trave	3	274	11	15	1	000011	000111
3081	Trave	274	278	11	15	1	000011	000111
3082	Trave	278	281	11	15	1	000011	000111
3083	Trave	156	157	11	15	1	000011	000111
3084	Trave	51	52	11	15	1	000011	000111
3085	Trave	63	64	11	15	1	000011	000111
3086	Trave	224	225	11	15	1	000011	000111
3087	Trave	226	227	11	15	1	000011	000111
3088	Trave	815	816	11	15	1	000011	000111
3089	Trave	819	820	11	15	1	000011	000111
3090	Pilas.	816	970	11	15	1		
3091	Pilas.	819	973	11	15	1		
3092	Pilas.	984	1018	11	15	1		
3093	Pilas.	1018	1052	11	15	1		
3094	Pilas.	1052	1086	11	15	1		
3095	Pilas.	1086	1127	11	15	1		
3096	Pilas.	1001	1035	11	15	1		
3097	Pilas.	1035	1069	11	15	1		
3098	Trave	281	286	11	15	1	000011	000111
3099	Trave	286	290	11	15	1	000011	000111
3100	Trave	290	294	11	15	1	000011	000111
3101	Trave	294	298	11	15	1	000011	000111
3102	Trave	298	302	11	15	1	000011	000111
3103	Trave	301	302	11	15	1	000011	000111
3104	Trave	302	306	11	15	1	000011	000111
3105	Trave	306	310	11	15	1	000011	000111
3106	Trave	310	314	11	15	1	000011	000111
3107	Pilas.	822	974	11	15	1		
3108	Pilas.	825	943	11	15	1		
3109	Pilas.	985	1019	11	15	1		
3110	Pilas.	1019	1053	11	15	1		
3111	Pilas.	1053	1087	11	15	1		
3112	Pilas.	1087	1129	11	15	1		
3113	Pilas.	1002	1036	11	15	1		
3114	Pilas.	1036	1070	11	15	1		
3115	Pilas.	1070	1104	11	15	1		
3116	Pilas.	1104	1130	11	15	1		
3117	Trave	314	318	11	15	1	000011	000111
3118	Trave	318	322	11	15	1	000011	000111
3119	Trave	322	326	11	15	1	000011	000111
3120	Trave	326	364	11	15	1	000011	000111
3121	Pilas.	264	365	11	15	1		
3122	Trave	297	298	11	15	1	000011	000111
3123	Pilas.	265	366	11	15	1		
3124	Pilas.	68	194	11	15	1		
3125	Pilas.	71	195	11	15	1		
3126	Pilas.	266	369	11	15	1		
3127	Pilas.	267	370	11	15	1		
3128	Pilas.	268	371	11	15	1		
3129	Pilas.	828	944	11	15	1		
3130	Pilas.	986	1020	11	15	1		
3131	Pilas.	1020	1054	11	15	1		
3132	Pilas.	1054	1088	11	15	1		
3133	Pilas.	1088	1131	11	15	1		
3134	Pilas.	1003	1037	11	15	1		
3135	Pilas.	1037	1071	11	15	1		
3136	Pilas.	1071	1105	11	15	1		
3137	Pilas.	1105	1132	11	15	1		
3138	Pilas.	831	951	11	15	1		
3139	Pilas.	269	372	11	15	1		
3140	Pilas.	108	131	11	15	1		
3141	Trave	130	131	11	15	1	000011	000111
3142	Pilas.	270	375	11	15	1		
3143	Pilas.	3	376	11	15	1		
3144	Pilas.	271	377	11	15	1		
3145	Pilas.	272	378	11	15	1		
3146	Trave	134	135	11	15	1	000011	000111
3147	Trave	136	137	11	15	1	000011	000111
3148	Pilas.	273	381	11	15	1		
3149	Pilas.	274	382	11	15	1		
3150	Pilas.	275	383	11	15	1		
3151	Pilas.	276	384	11	15	1		

3152	Trave	142	143	11	15	1	000011	000111
3153	Trave	144	145	11	15	1	000011	000111
3154	Pilas.	277	387	11	15	1		
3155	Pilas.	278	388	11	15	1		
3156	Pilas.	279	389	11	15	1		
3157	Pilas.	280	390	11	15	1		
3158	Trave	93	94	11	15	1	000011	000111
3159	Trave	105	106	11	15	1	000011	000111
3160	Trave	168	169	11	15	1	000011	000111
3161	Trave	170	171	11	15	1	000011	000111
3162	Trave	833	834	11	15	1	000011	000111
3163	Trave	837	838	11	15	1	000011	000111
3164	Pilas.	834	952	11	15	1		
3165	Pilas.	837	959	11	15	1		
3166	Pilas.	568	636	11	15	1		
3167	Pilas.	569	637	11	15	1		
3168	Pilas.	987	1021	11	15	1		
3169	Pilas.	1021	1055	11	15	1		
3170	Pilas.	1055	1089	11	15	1		
3171	Pilas.	1089	1027	11	15	1		
3172	Pilas.	1004	1038	11	15	1		
3173	Pilas.	1038	1072	11	15	1		
3174	Pilas.	1072	1106	11	15	1		
3175	Pilas.	1106	1044	11	15	1		
3176	Trave	152	153	11	15	1	000011	000111
3177	Trave	154	155	11	15	1	000011	000111
3178	Pilas.	282	393	11	15	1		
3179	Pilas.	281	394	11	15	1		
3180	Pilas.	283	395	11	15	1		
3181	Pilas.	284	396	11	15	1		
3182	Trave	158	159	11	15	1	000011	000111
3183	Trave	164	165	11	15	1	000011	000111
3184	Pilas.	285	399	11	15	1		
3185	Pilas.	286	400	11	15	1		
3186	Pilas.	287	401	11	15	1		
3187	Pilas.	288	402	11	15	1		
3188	Trave	178	179	11	15	1	000011	000111
3189	Trave	837	843	11	15	1	000011	000111
3190	Pilas.	289	405	11	15	1		
3191	Pilas.	290	406	11	15	1		
3192	Pilas.	291	407	11	15	1		
3193	Pilas.	292	408	11	15	1		
3194	Trave	192	193	11	15	1	000011	000111
3195	Trave	194	195	11	15	1	000011	000111
3196	Pilas.	293	411	11	15	1		
3197	Pilas.	294	412	11	15	1		
3198	Pilas.	295	413	11	15	1		
3199	Pilas.	296	414	11	15	1		
3200	Trave	128	132	11	15	1	000011	000111
3201	Trave	132	136	11	15	1	000011	000111
3202	Pilas.	297	417	11	15	1		
3203	Pilas.	298	418	11	15	1		
3204	Pilas.	299	419	11	15	1		
3205	Pilas.	300	420	11	15	1		
3206	Trave	136	140	11	15	1	000011	000111
3207	Trave	140	144	11	15	1	000011	000111
3208	Pilas.	301	423	11	15	1		
3209	Pilas.	302	424	11	15	1		
3210	Pilas.	303	425	11	15	1		
3211	Pilas.	304	426	11	15	1		
3212	Trave	144	148	11	15	1	000011	000111
3213	Trave	148	152	11	15	1	000011	000111
3214	Pilas.	305	429	11	15	1		
3215	Pilas.	306	430	11	15	1		
3216	Pilas.	307	431	11	15	1		
3217	Pilas.	308	432	11	15	1		
3218	Trave	152	156	11	15	1	000011	000111
3219	Trave	156	160	11	15	1	000011	000111
3220	Trave	421	422	11	15	1	000011	000011
3221	Trave	172	173	11	15	1	000011	000111
3222	Trave	242	243	11	15	1	000011	000111
3223	Pilas.	570	638	11	15	1		
3224	Pilas.	571	639	11	15	1		
3225	Pilas.	840	960	11	15	1		
3226	Pilas.	988	1022	11	15	1		
3227	Pilas.	1022	1056	11	15	1		
3228	Pilas.	1056	1090	11	15	1		

3229	Pilas.	1090	1133	11	15	1		
3230	Pilas.	1005	1039	11	15	1		
3231	Pilas.	1039	1073	11	15	1		
3232	Pilas.	1073	1107	11	15	1		
3233	Pilas.	1107	1134	11	15	1		
3234	Pilas.	843	967	11	15	1		
3235	Trave	839	840	11	15	1	000011	000111
3236	Trave	422	427	11	15	1	000011	000011
3237	Trave	427	428	11	15	1	000011	000011
3238	Trave	381	382	11	15	1	000011	000111
3239	Trave	383	384	11	15	1	000011	000111
3240	Trave	428	433	11	15	1	000011	000011
3241	Trave	433	434	11	15	1	000011	000011
3242	Trave	434	439	11	15	1	000011	000011
3243	Trave	387	388	11	15	1	000011	000111
3244	Trave	395	396	11	15	1	000011	000111
3245	Pilas.	846	968	11	15	1		
3246	Pilas.	989	1023	11	15	1		
3247	Pilas.	1023	1057	11	15	1		
3248	Pilas.	1057	1091	11	15	1		
3249	Pilas.	1091	1135	11	15	1		
3250	Pilas.	1006	1040	11	15	1		
3251	Pilas.	852	976	11	15	1		
3252	Pilas.	990	1024	11	15	1		
3253	Pilas.	1024	1058	11	15	1		
3254	Pilas.	1058	1092	11	15	1		
3255	Pilas.	1092	1137	11	15	1		
3256	Pilas.	1007	1041	11	15	1		
3257	Pilas.	1041	1075	11	15	1		
3258	Pilas.	1075	1109	11	15	1		
3259	Pilas.	1109	126	11	15	1		
3260	Pilas.	855	955	11	15	1		
3261	Trave	439	440	11	15	1	000011	000011
3262	Trave	440	445	11	15	1	000011	000011
3263	Trave	445	446	11	15	1	000011	000011
3264	Trave	399	400	11	15	1	000011	000111
3265	Trave	401	402	11	15	1	000011	000111
3266	Trave	446	451	11	15	1	000011	000011
3267	Trave	451	452	11	15	1	000011	000011
3268	Trave	452	457	11	15	1	000011	000011
3269	Trave	405	406	11	15	1	000011	000111
3270	Trave	407	408	11	15	1	000011	000111
3271	Trave	288	385	11	15	1	000011	
3272	Trave	385	434	11	15	1		
3273	Pilas.	858	956	11	15	1		
3274	Pilas.	861	971	11	15	1		
3275	Pilas.	991	1025	11	15	1		
3276	Pilas.	1025	1059	11	15	1		
3277	Pilas.	1059	1093	11	15	1		
3278	Pilas.	1093	190	11	15	1		
3279	Pilas.	1008	1042	11	15	1		
3280	Pilas.	1042	1076	11	15	1		
3281	Pilas.	1076	1110	11	15	1		
3282	Pilas.	1110	258	11	15	1		
3283	Trave	434	289	11	15	1		000011
3284	Trave	411	412	11	15	1	000011	000111
3285	Trave	413	414	11	15	1	000011	000111
3286	Trave	292	386	11	15	1	000011	
3287	Trave	386	439	11	15	1		
3288	Trave	439	293	11	15	1		000011
3289	Trave	417	418	11	15	1	000011	000111
3290	Trave	419	420	11	15	1	000011	000111
3291	Trave	296	391	11	15	1	000011	
3292	Trave	391	440	11	15	1		
3293	Trave	440	297	11	15	1		000011
3294	Trave	423	424	11	15	1	000011	000111
3295	Trave	467	471	11	15	1	000011	000111
3296	Trave	471	475	11	15	1	000011	000111
3297	Trave	475	479	11	15	1	000011	000111
3298	Trave	479	483	11	15	1	000011	000111
3299	Trave	483	487	11	15	1	000011	000111
3300	Trave	487	491	11	15	1	000011	000111
3301	Trave	491	495	11	15	1	000011	000111
3302	Trave	495	499	11	15	1	000011	000111
3303	Trave	499	503	11	15	1	000011	000111
3304	Trave	503	507	11	15	1	000011	000111
3305	Trave	507	511	11	15	1	000011	000111

3306	Trave	511	515	11	15	1	000011	000111
3307	Trave	515	519	11	15	1	000011	000111
3308	Trave	519	523	11	15	1	000011	000111
3309	Trave	523	527	11	15	1	000011	000111
3310	Trave	527	531	11	15	1	000011	000111
3311	Trave	468	472	11	15	1	000011	000111
3312	Trave	472	476	11	15	1	000011	000111
3313	Trave	476	480	11	15	1	000011	000111
3314	Trave	480	484	11	15	1	000011	000111
3315	Trave	484	488	11	15	1	000011	000111
3316	Trave	488	492	11	15	1	000011	000111
3317	Trave	492	496	11	15	1	000011	000111
3318	Trave	496	500	11	15	1	000011	000111
3319	Trave	500	504	11	15	1	000011	000111
3320	Trave	504	508	11	15	1	000011	000111
3321	Trave	508	512	11	15	1	000011	000111
3322	Trave	512	516	11	15	1	000011	000111
3323	Trave	516	520	11	15	1	000011	000111
3324	Trave	520	524	11	15	1	000011	000111
3325	Trave	524	528	11	15	1	000011	000111
3326	Trave	469	473	11	15	1	000011	000111
3327	Trave	473	477	11	15	1	000011	000111
3328	Trave	477	481	11	15	1	000011	000111
3329	Trave	481	485	11	15	1	000011	000111
3330	Trave	485	489	11	15	1	000011	000111
3331	Trave	489	493	11	15	1	000011	000111
3332	Trave	493	497	11	15	1	000011	000111
3333	Trave	497	501	11	15	1	000011	000111
3334	Trave	501	505	11	15	1	000011	000111
3335	Trave	505	509	11	15	1	000011	000111
3336	Trave	509	513	11	15	1	000011	000111
3337	Trave	513	517	11	15	1	000011	000111
3338	Trave	517	521	11	15	1	000011	000111
3339	Trave	521	525	11	15	1	000011	000111
3340	Trave	470	474	11	15	1	000011	000111
3341	Trave	474	478	11	15	1	000011	000111
3342	Trave	478	482	11	15	1	000011	000111
3343	Trave	482	486	11	15	1	000011	000111
3344	Trave	486	490	11	15	1	000011	000111
3345	Trave	490	494	11	15	1	000011	000111
3346	Trave	494	498	11	15	1	000011	000111
3347	Trave	498	502	11	15	1	000011	000111
3348	Trave	502	506	11	15	1	000011	000111
3349	Trave	506	510	11	15	1	000011	000111
3350	Trave	510	514	11	15	1	000011	000111
3351	Trave	514	518	11	15	1	000011	000111
3352	Trave	518	522	11	15	1	000011	000111
3353	Trave	522	868	11	15	1	000011	000111
3354	Trave	868	530	11	15	1	000011	000111
3355	Trave	530	534	11	15	1	000011	000111
3356	Trave	536	537	11	15	1	000001	000001
3357	Trave	600	601	11	15	1	000001	000001
3358	Trave	425	426	11	15	1	000011	000111
3359	Trave	300	392	11	15	1	000011	
3360	Trave	392	445	11	15	1		
3361	Trave	445	301	11	15	1		000011
3362	Trave	429	430	11	15	1	000011	000111
3363	Trave	431	432	11	15	1	000011	000111
3364	Trave	304	397	11	15	1	000011	
3365	Trave	397	446	11	15	1		
3366	Trave	446	305	11	15	1		000011
3367	Trave	435	436	11	15	1	000011	000111
3368	Trave	437	438	11	15	1	000011	000111
3369	Trave	308	398	11	15	1	000011	
3370	Trave	398	451	11	15	1		
3371	Trave	451	309	11	15	1		000011
3372	Trave	441	442	11	15	1	000011	000111
3373	Trave	443	444	11	15	1	000011	000111
3374	Trave	312	403	11	15	1	000011	
3375	Trave	403	452	11	15	1		
3376	Trave	452	313	11	15	1		000011
3377	Trave	447	448	11	15	1	000011	000111
3378	Pilas.	1	103	11	15	1		
3379	Pilas.	2	104	11	15	1		
3380	Pilas.	54	76	11	15	1		
3381	Trave	234	235	11	15	1	000011	000111
3382	Pilas.	55	77	11	15	1		

3383	Trave	455	456	11	15	1	000011	000111
3384	Trave	316	404	11	15	1	000011	
3385	Trave	404	457	11	15	1		
3386	Trave	457	317	11	15	1		000011
3387	Trave	459	460	11	15	1	000011	000111
3388	Trave	461	462	11	15	1	000011	000111
3389	Trave	320	409	11	15	1	000011	
3390	Trave	409	458	11	15	1		
3391	Trave	458	321	11	15	1		000011
3392	Trave	465	466	11	15	1	000011	000111
3393	Trave	365	371	11	15	1	000011	000111
3394	Trave	371	377	11	15	1	000011	000111
3395	Trave	377	383	11	15	1	000011	000111
3396	Trave	383	389	11	15	1	000011	000111
3397	Trave	389	395	11	15	1	000011	000111
3398	Trave	395	401	11	15	1	000011	000111
3399	Trave	401	407	11	15	1	000011	000111
3400	Trave	407	413	11	15	1	000011	000111
3401	Trave	413	419	11	15	1	000011	000111
3402	Trave	419	425	11	15	1	000011	000111
3403	Trave	425	431	11	15	1	000011	000111
3404	Trave	431	437	11	15	1	000011	000111
3405	Trave	437	443	11	15	1	000011	000111
3406	Trave	443	449	11	15	1	000011	000111
3407	Trave	449	455	11	15	1	000011	000111
3408	Trave	455	461	11	15	1	000011	000111
3409	Trave	192	359	11	15	1	000011	000111
3410	Trave	260	461	11	15	1	000011	000111
3411	Trave	366	372	11	15	1	000011	000111
3412	Trave	372	378	11	15	1	000011	000111
3413	Trave	378	384	11	15	1	000011	000111
3414	Trave	384	390	11	15	1	000011	000111
3415	Trave	390	396	11	15	1	000011	000111
3416	Trave	396	402	11	15	1	000011	000111
3417	Trave	402	408	11	15	1	000011	000111
3418	Trave	408	414	11	15	1	000011	000111
3419	Trave	414	420	11	15	1	000011	000111
3420	Trave	420	426	11	15	1	000011	000111
3421	Trave	426	432	11	15	1	000011	000111
3422	Trave	432	438	11	15	1	000011	000111
3423	Trave	438	444	11	15	1	000011	000111
3424	Trave	444	450	11	15	1	000011	000111
3425	Trave	450	456	11	15	1	000011	000111
3426	Trave	456	462	11	15	1	000011	000111
3427	Trave	193	360	11	15	1	000011	000111
3428	Trave	261	462	11	15	1	000011	000111
3429	Trave	368	373	11	15	1	000011	000011
3430	Trave	464	363	11	15	1		000011
3431	Trave	373	374	11	15	1	000011	000011
3432	Trave	374	379	11	15	1	000011	000011
3433	Trave	379	380	11	15	1	000011	000011
3434	Trave	380	385	11	15	1	000011	000011
3435	Trave	324	410	11	15	1	000011	
3436	Trave	265	367	11	15	1	000011	
3437	Trave	367	416	11	15	1		
3438	Trave	416	266	11	15	1		000011
3439	Trave	269	368	11	15	1	000011	
3440	Trave	368	421	11	15	1		
3441	Trave	421	270	11	15	1		000011
3442	Trave	272	373	11	15	1	000011	
3443	Trave	373	422	11	15	1		
3444	Trave	422	273	11	15	1		000011
3445	Trave	385	386	11	15	1	000011	000011
3446	Trave	367	368	11	15	1	000011	000011
3447	Trave	386	391	11	15	1	000011	000011
3448	Trave	391	392	11	15	1	000011	000011
3449	Trave	392	397	11	15	1	000011	000011
3450	Trave	397	398	11	15	1	000011	000011
3451	Trave	410	463	11	15	1		
3452	Trave	276	374	11	15	1	000011	
3453	Trave	374	427	11	15	1		
3454	Trave	427	277	11	15	1		000011
3455	Trave	280	379	11	15	1	000011	
3456	Trave	379	428	11	15	1		
3457	Trave	428	282	11	15	1		000011
3458	Trave	284	380	11	15	1	000011	
3459	Trave	380	433	11	15	1		

3460	Trave	433	285	11	15	1		000011
3461	Trave	369	375	11	15	1	000011	000111
3462	Trave	375	381	11	15	1	000011	000111
3463	Trave	381	387	11	15	1	000011	000111
3464	Trave	387	393	11	15	1	000011	000111
3465	Trave	393	399	11	15	1	000011	000111
3466	Trave	399	405	11	15	1	000011	000111
3467	Trave	405	411	11	15	1	000011	000111
3468	Trave	411	417	11	15	1	000011	000111
3469	Trave	417	423	11	15	1	000011	000111
3470	Trave	423	429	11	15	1	000011	000111
3471	Trave	429	435	11	15	1	000011	000111
3472	Trave	435	441	11	15	1	000011	000111
3473	Trave	441	447	11	15	1	000011	000111
3474	Trave	447	453	11	15	1	000011	000111
3475	Trave	453	459	11	15	1	000011	000111
3476	Trave	459	465	11	15	1	000011	000111
3477	Trave	194	363	11	15	1	000011	000111
3478	Trave	262	465	11	15	1	000011	000111
3479	Trave	1026	257	11	15	1	000011	000011
3480	Trave	1043	124	11	15	1	000011	000011
3481	Trave	370	376	11	15	1	000011	000111
3482	Trave	376	382	11	15	1	000011	000111
3483	Trave	382	388	11	15	1	000011	000111
3484	Trave	388	394	11	15	1	000011	000111
3485	Trave	394	400	11	15	1	000011	000111
3486	Trave	400	406	11	15	1	000011	000111
3487	Trave	406	412	11	15	1	000011	000111
3488	Trave	412	418	11	15	1	000011	000111
3489	Trave	418	424	11	15	1	000011	000111
3490	Trave	424	430	11	15	1	000011	000111
3491	Trave	430	436	11	15	1	000011	000111
3492	Trave	436	442	11	15	1	000011	000111
3493	Trave	442	448	11	15	1	000011	000111
3494	Trave	448	454	11	15	1	000011	000111
3495	Trave	454	460	11	15	1	000011	000111
3496	Trave	460	466	11	15	1	000011	000111
3497	Trave	195	364	11	15	1	000011	000111
3498	Trave	263	466	11	15	1	000011	000111
3499	Pilas.	5	107	11	15	1		
3500	Pilas.	466	534	11	15	1		
3501	Pilas.	6	108	11	15	1		
3502	Trave	129	133	11	15	1	000011	000111
3503	Trave	618	622	11	15	1	000011	000111
3504	Trave	133	137	11	15	1	000011	000111
3505	Trave	137	141	11	15	1	000011	000111
3506	Trave	141	145	11	15	1	000011	000111
3507	Trave	145	149	11	15	1	000011	000111
3508	Trave	622	626	11	15	1	000011	000111
3509	Trave	149	153	11	15	1	000011	000111
3510	Trave	153	157	11	15	1	000011	000111
3511	Trave	157	161	11	15	1	000011	000111
3512	Trave	161	165	11	15	1	000011	000111
3513	Trave	626	630	11	15	1	000011	000111
3514	Trave	165	169	11	15	1	000011	000111
3515	Trave	629	633	11	15	1	000011	000111
3516	Trave	633	637	11	15	1	000011	000111
3517	Trave	177	181	11	15	1	000011	000111
3518	Trave	606	610	11	15	1	000011	000111
3519	Trave	181	185	11	15	1	000011	000111
3520	Trave	389	390	11	15	1	000011	000111
3521	Trave	457	458	11	15	1	000011	000011
3522	Trave	458	463	11	15	1	000011	000011
3523	Trave	463	464	11	15	1	000011	000011
3524	Trave	393	394	11	15	1	000011	000111
3525	Pilas.	1074	1108	11	15	1		
3526	Trave	58	100	11	15	1	000011	000111
3527	Trave	130	134	11	15	1	000011	000111
3528	Trave	134	138	11	15	1	000011	000111
3529	Trave	138	142	11	15	1	000011	000111
3530	Trave	803	804	11	15	1	000011	000111
3531	Trave	807	808	11	15	1	000011	000111
3532	Trave	185	193	11	15	1	000011	000111
3533	Trave	142	146	11	15	1	000011	000111
3534	Trave	146	150	11	15	1	000011	000111
3535	Trave	140	141	11	15	1	000011	000111
3536	Pilas.	1032	1066	11	15	1		

3537	Trave	150	154	11	15	1	000011	000111
3538	Trave	154	158	11	15	1	000011	000111
3539	Trave	158	162	11	15	1	000011	000111
3540	Pilas.	1069	1103	11	15	1		
3541	Pilas.	1103	1128	11	15	1		
3542	Trave	162	166	11	15	1	000011	000111
3543	Trave	166	170	11	15	1	000011	000111
3544	Trave	170	172	11	15	1	000011	000111
3545	Trave	172	178	11	15	1	000011	000111
3546	Trave	178	182	11	15	1	000011	000111
3547	Trave	182	186	11	15	1	000011	000111
3548	Pilas.	89	964	11	15	1		
3549	Pilas.	659	947	11	15	1		
3550	Trave	827	828	11	15	1	000011	000111
3551	Trave	831	832	11	15	1	000011	000111
3552	Trave	131	135	11	15	1	000011	000111
3553	Trave	135	139	11	15	1	000011	000111
3554	Trave	139	143	11	15	1	000011	000111
3555	Pilas.	1066	1100	11	15	1		
3556	Pilas.	1100	1122	11	15	1		
3557	Trave	143	147	11	15	1	000011	000111
3558	Trave	147	151	11	15	1	000011	000111
3559	Trave	151	155	11	15	1	000011	000111
3560	Trave	240	241	11	15	1	000011	000111
3561	Trave	843	844	11	15	1	000011	000111
3562	Trave	155	159	11	15	1	000011	000111
3563	Trave	159	163	11	15	1	000011	000111
3564	Trave	163	167	11	15	1	000011	000111
3565	Trave	150	151	11	15	1	000011	000111
3566	Trave	216	217	11	15	1	000011	000111
3567	Trave	167	171	11	15	1	000011	000111
3568	Trave	171	173	11	15	1	000011	000111
3569	Trave	173	179	11	15	1	000011	000111
3570	Trave	179	183	11	15	1	000011	000111
3571	Trave	183	187	11	15	1	000011	000111
3572	Pilas.	572	640	11	15	1		
3573	Pilas.	573	641	11	15	1		
3574	Pilas.	128	196	11	15	1		
3575	Pilas.	7	109	11	15	1		
3576	Pilas.	18	73	11	15	1		
3577	Pilas.	19	74	11	15	1		
3578	Pilas.	20	67	11	15	1		
3579	Trave	927	928	11	15	1	000011	000011
3580	Trave	122	123	11	15	1	000011	000111
3581	Trave	176	177	11	15	1	000011	000111
3582	Pilas.	129	197	11	15	1		
3583	Pilas.	130	198	11	15	1		
3584	Pilas.	131	199	11	15	1		
3585	Pilas.	365	467	11	15	1		
3586	Pilas.	366	468	11	15	1		
3587	Pilas.	369	469	11	15	1		
3588	Pilas.	370	470	11	15	1		
3589	Pilas.	371	471	11	15	1		
3590	Pilas.	372	472	11	15	1		
3591	Pilas.	375	473	11	15	1		
3592	Pilas.	376	474	11	15	1		
3593	Pilas.	377	475	11	15	1		
3594	Pilas.	378	476	11	15	1		
3595	Pilas.	381	477	11	15	1		
3596	Pilas.	382	478	11	15	1		
3597	Pilas.	383	479	11	15	1		
3598	Pilas.	384	480	11	15	1		
3599	Pilas.	387	481	11	15	1		
3600	Pilas.	388	482	11	15	1		
3601	Pilas.	389	483	11	15	1		
3602	Pilas.	390	484	11	15	1		
3603	Pilas.	393	485	11	15	1		
3604	Pilas.	394	486	11	15	1		
3605	Pilas.	395	487	11	15	1		
3606	Pilas.	396	488	11	15	1		
3607	Pilas.	399	489	11	15	1		
3608	Pilas.	400	490	11	15	1		
3609	Pilas.	401	491	11	15	1		
3610	Pilas.	402	492	11	15	1		
3611	Pilas.	405	493	11	15	1		
3612	Pilas.	406	494	11	15	1		
3613	Pilas.	407	495	11	15	1		

3614	Pilas.	408	496	11	15	1		
3615	Pilas.	411	497	11	15	1		
3616	Pilas.	412	498	11	15	1		
3617	Pilas.	413	499	11	15	1		
3618	Pilas.	414	500	11	15	1		
3619	Pilas.	417	501	11	15	1		
3620	Pilas.	418	502	11	15	1		
3621	Pilas.	419	503	11	15	1		
3622	Pilas.	420	504	11	15	1		
3623	Pilas.	423	505	11	15	1		
3624	Pilas.	424	506	11	15	1		
3625	Pilas.	425	507	11	15	1		
3626	Pilas.	426	508	11	15	1		
3627	Pilas.	429	509	11	15	1		
3628	Pilas.	430	510	11	15	1		
3629	Pilas.	431	511	11	15	1		
3630	Pilas.	432	512	11	15	1		
3631	Pilas.	435	513	11	15	1		
3632	Pilas.	436	514	11	15	1		
3633	Pilas.	437	515	11	15	1		
3634	Pilas.	438	516	11	15	1		
3635	Pilas.	441	517	11	15	1		
3636	Pilas.	442	518	11	15	1		
3637	Pilas.	443	519	11	15	1		
3638	Pilas.	444	520	11	15	1		
3639	Pilas.	447	521	11	15	1		
3640	Pilas.	448	522	11	15	1		
3641	Trave	928	929	11	15	1	000011	000011
3642	Pilas.	42	46	11	15	1		
3643	Pilas.	132	200	11	15	1		
3644	Pilas.	133	201	11	15	1		
3645	Pilas.	455	527	11	15	1		
3646	Pilas.	456	528	11	15	1		
3647	Pilas.	459	529	11	15	1		
3648	Pilas.	460	530	11	15	1		
3649	Pilas.	461	531	11	15	1		
3650	Pilas.	462	532	11	15	1		
3651	Pilas.	465	533	11	15	1		
3652	Pilas.	1108	1136	11	15	1		
3653	Pilas.	849	975	11	15	1		
3654	Trave	253	261	11	15	1	000011	000111
3655	Trave	57	99	11	15	1	000011	000111
3656	Trave	252	260	11	15	1	000011	000111
3657	Pilas.	309	435	11	15	1		
3658	Pilas.	310	436	11	15	1		
3659	Trave	1043	867	11	15	1		000011
3660	Pilas.	864	972	11	15	1		
3661	Pilas.	992	1026	11	15	1		
3662	Pilas.	1026	1060	11	15	1		
3663	Pilas.	1060	1094	11	15	1		
3664	Pilas.	1094	125	11	15	1		
3665	Pilas.	1009	1043	11	15	1		
3666	Pilas.	1043	1077	11	15	1		
3667	Pilas.	1077	1111	11	15	1		
3668	Pilas.	1111	189	11	15	1		
3669	Pilas.	867	963	11	15	1		
3670	Pilas.	311	437	11	15	1		
3671	Pilas.	312	438	11	15	1		
3672	Trave	160	164	11	15	1	000011	000111
3673	Trave	164	168	11	15	1	000011	000111
3674	Pilas.	313	441	11	15	1		
3675	Pilas.	314	442	11	15	1		
3676	Pilas.	315	443	11	15	1		
3677	Pilas.	316	444	11	15	1		
3678	Trave	184	192	11	15	1	000011	000111
3679	Trave	176	180	11	15	1	000011	000111
3680	Pilas.	317	447	11	15	1		
3681	Pilas.	318	448	11	15	1		
3682	Trave	838	844	11	15	1	000011	000111
3683	Trave	844	850	11	15	1	000011	000111
3684	Trave	850	856	11	15	1	000011	000111
3685	Trave	856	862	11	15	1	000011	000111
3686	Trave	862	85	11	15	1	000011	000111
3687	Trave	85	662	11	15	1	000011	000111
3688	Trave	81	68	11	15	1	000011	000111
3689	Trave	186	194	11	15	1	000011	000111
3690	Trave	254	262	11	15	1	000011	000111

3691	Pilas.	323	455	11	15	1		
3692	Pilas.	324	456	11	15	1		
3693	Pilas.	1040	1074	11	15	1		
3694	Trave	180	184	11	15	1	000011	000111
3695	Pilas.	325	459	11	15	1		
3696	Pilas.	326	460	11	15	1		
3697	Pilas.	359	461	11	15	1		
3698	Pilas.	360	462	11	15	1		
3699	Trave	528	532	11	15	1	000011	000111
3700	Pilas.	467	535	11	15	1		
3701	Pilas.	468	536	11	15	1		
3702	Pilas.	469	537	11	15	1		
3703	Pilas.	470	538	11	15	1		
3704	Pilas.	471	539	11	15	1		
3705	Pilas.	472	540	11	15	1		
3706	Pilas.	473	541	11	15	1		
3707	Pilas.	474	542	11	15	1		
3708	Pilas.	475	543	11	15	1		
3709	Pilas.	476	544	11	15	1		
3710	Pilas.	477	545	11	15	1		
3711	Pilas.	478	546	11	15	1		
3712	Trave	1138	750	11	15	1		000011
3713	Trave	1139	946	11	15	1		000011
3714	Trave	1140	950	11	15	1		000011
3715	Trave	1141	954	11	15	1		000011
3716	Trave	1142	958	11	15	1		000011
3717	Trave	1143	962	11	15	1		000011
3718	Trave	1144	754	11	15	1		000011
3719	Trave	1145	765	11	15	1		000011
3720	Trave	1146	769	11	15	1		000011
3721	Trave	1147	907	11	15	1		000011
3722	Trave	1148	767	11	15	1		000011
3723	Trave	1149	966	11	15	1		000011
3724	Trave	1150	970	11	15	1		000011
3725	Trave	1151	974	11	15	1		000011
3726	Trave	1152	944	11	15	1		000011
3727	Trave	1153	952	11	15	1		000011
3728	Trave	1154	960	11	15	1		000011
3729	Trave	1155	968	11	15	1		000011
3730	Trave	1156	976	11	15	1		000011
3731	Trave	1157	956	11	15	1		000011
3732	Trave	1158	972	11	15	1		000011
3733	Trave	1159	964	11	15	1		000011
3734	Trave	1160	752	11	15	1		000011
3735	Trave	1161	866	11	15	1		000011
3736	Trave	1162	860	11	15	1		000011
3737	Trave	1163	854	11	15	1		000011
3738	Trave	1164	848	11	15	1		000011
3739	Trave	1165	842	11	15	1		000011
3740	Trave	1166	836	11	15	1		000011
3741	Trave	1167	830	11	15	1		000011
3742	Trave	1168	756	11	15	1		000011
3743	Trave	1169	771	11	15	1		000011
3744	Pilas.	1139	1138	11	15	1		
3745	Pilas.	1138	1170	11	15	1		
3746	Pilas.	1140	1144	11	15	1		
3747	Pilas.	1144	1171	11	15	1		
3748	Pilas.	1141	1145	11	15	1		
3749	Pilas.	1145	1172	11	15	1		
3750	Pilas.	1142	1146	11	15	1		
3751	Pilas.	1146	1173	11	15	1		
3752	Pilas.	1143	1147	11	15	1		
3753	Pilas.	1147	1174	11	15	1		
3754	Pilas.	1149	1168	11	15	1		
3755	Pilas.	1168	1175	11	15	1		
3756	Pilas.	1150	1169	11	15	1		
3757	Pilas.	1169	1176	11	15	1		
3758	Pilas.	1151	1148	11	15	1		
3759	Pilas.	1148	1177	11	15	1		
3760	Pilas.	1152	1160	11	15	1		
3761	Pilas.	1160	1178	11	15	1		
3762	Pilas.	1153	1161	11	15	1		
3763	Pilas.	1161	1179	11	15	1		
3764	Pilas.	1154	1162	11	15	1		
3765	Pilas.	1162	1180	11	15	1		
3766	Pilas.	1155	1163	11	15	1		
3767	Pilas.	1163	1181	11	15	1		

3768	Pilas.	1156	1164	11	15	1		
3769	Pilas.	773	1186	11	15	1		
3770	Pilas.	1186	948	11	15	1		
3771	Pilas.	779	1187	11	15	1		
3772	Pilas.	1187	327	11	15	1		
3773	Pilas.	785	1188	11	15	1		
3774	Pilas.	1188	332	11	15	1		
3775	Pilas.	791	1189	11	15	1		
3776	Pilas.	1189	333	11	15	1		
3777	Pilas.	797	1190	11	15	1		
3778	Pilas.	815	1193	11	15	1		
3779	Pilas.	1193	345	11	15	1		
3780	Pilas.	821	1194	11	15	1		
3781	Pilas.	1194	350	11	15	1		
3782	Pilas.	827	1195	11	15	1		
3783	Pilas.	845	1198	11	15	1		
3784	Pilas.	1198	526	11	15	1		
3785	Pilas.	851	1199	11	15	1		
3786	Pilas.	1199	673	11	15	1		
3787	Pilas.	857	1200	11	15	1		
3788	Pilas.	1200	676	11	15	1		
3789	Pilas.	863	1201	11	15	1		
3790	Pilas.	1201	746	11	15	1		
3791	Pilas.	86	1202	11	15	1		
3792	Pilas.	1202	757	11	15	1		
3793	Trave	1186	1235	11	15	1	000011	
3794	Trave	1187	1236	11	15	1	000011	
3795	Trave	1188	1237	11	15	1	000011	
3796	Trave	1189	1238	11	15	1	000011	
3797	Trave	1190	1239	11	15	1	000011	
3798	Trave	1191	1240	11	15	1	000011	
3799	Trave	1192	1241	11	15	1	000011	
3800	Trave	1193	1242	11	15	1	000011	
3801	Trave	1194	1243	11	15	1	000011	
3802	Trave	1195	1244	11	15	1	000011	
3803	Trave	1196	1245	11	15	1	000011	
3804	Trave	1197	1246	11	15	1	000011	
3805	Trave	1198	1247	11	15	1	000011	
3806	Trave	1199	1248	11	15	1	000011	
3807	Trave	1200	1249	11	15	1	000011	
3808	Trave	1201	1250	11	15	1	000011	
3809	Trave	1219	327	11	15	1		000011
3810	Trave	1220	332	11	15	1	000011	000111
3811	Trave	1221	333	11	15	1	000011	000111
3812	Trave	1222	338	11	15	1	000011	000111
3813	Trave	1223	339	11	15	1	000011	000111
3814	Trave	1224	344	11	15	1	000011	000111
3815	Trave	1225	345	11	15	1	000011	000111
3816	Trave	1226	350	11	15	1	000011	000111
3817	Trave	1227	351	11	15	1	000011	000111
3818	Trave	1228	356	11	15	1	000011	000111
3819	Trave	1229	357	11	15	1	000011	000111
3820	Trave	1230	526	11	15	1	000011	000111
3821	Trave	1231	673	11	15	1	000011	000111
3822	Trave	1232	676	11	15	1	000011	000111
3823	Trave	1233	746	11	15	1	000011	000111
3824	Trave	1234	757	11	15	1	000011	000111
3825	Trave	1235	1187	11	15	1		000011
3826	Trave	1236	1188	11	15	1		000011
3827	Trave	1237	1189	11	15	1		000011
3828	Trave	1238	1190	11	15	1		000011
3829	Trave	1239	1191	11	15	1		000011
3830	Trave	1240	1192	11	15	1		000011
3831	Trave	1241	1193	11	15	1		000011
3832	Trave	1242	1194	11	15	1		000011
3833	Trave	1243	1195	11	15	1		000011
3834	Trave	1244	1196	11	15	1		000011
3835	Trave	1245	1197	11	15	1		000011
3836	Trave	1246	1198	11	15	1		000011
3837	Trave	1247	1199	11	15	1		000011
3838	Trave	1248	1200	11	15	1		000011
3839	Trave	1249	1201	11	15	1		000011
3840	Trave	1250	1202	11	15	1		000011
3841	Pilas.	1332	1324	11	15	1		
3842	Pilas.	1324	1348	11	15	1		
3843	Pilas.	1333	1325	11	15	1		
3844	Pilas.	1325	1349	11	15	1		

3845	Pilas.	1334	1326	11	15	1	
3846	Pilas.	1326	1350	11	15	1	
3847	Pilas.	1335	1327	11	15	1	
3848	Pilas.	1327	1351	11	15	1	
3849	Pilas.	1336	1328	11	15	1	
3850	Pilas.	1328	1352	11	15	1	
3851	Pilas.	1337	1329	11	15	1	
3852	Pilas.	1329	1353	11	15	1	
3853	Pilas.	1338	1330	11	15	1	
3854	Pilas.	1330	1354	11	15	1	
3855	Pilas.	1339	1331	11	15	1	
3856	Pilas.	1331	1355	11	15	1	
3857	Pilas.	1340	1316	11	15	1	
3858	Pilas.	1316	1356	11	15	1	
3859	Pilas.	1341	1317	11	15	1	
3860	Pilas.	1317	1357	11	15	1	
3861	Pilas.	1342	1318	11	15	1	
3862	Pilas.	1318	1358	11	15	1	
3863	Pilas.	1343	1319	11	15	1	
3864	Pilas.	1319	1359	11	15	1	
3865	Pilas.	1344	1320	11	15	1	
3866	Pilas.	1320	1360	11	15	1	
3867	Pilas.	1345	1321	11	15	1	
3868	Pilas.	1321	1361	11	15	1	
3869	Pilas.	1346	1322	11	15	1	
3870	Pilas.	1322	1362	11	15	1	
3871	Pilas.	1347	1323	11	15	1	
3872	Pilas.	1323	1363	11	15	1	
3873	Trave	1251	853	11	15	1	000011
3874	Trave	1252	764	11	15	1	000011
3875	Trave	1253	768	11	15	1	000011
3876	Trave	1254	902	11	15	1	000011
3877	Trave	1255	755	11	15	1	000011
3878	Trave	1256	847	11	15	1	000011
3879	Trave	1257	841	11	15	1	000011
3880	Trave	1258	835	11	15	1	000011
3881	Trave	1259	829	11	15	1	000011
3882	Trave	1260	770	11	15	1	000011
3883	Trave	1261	766	11	15	1	000011
3884	Trave	1262	753	11	15	1	000011
3885	Trave	1263	751	11	15	1	000011
3886	Trave	1264	865	11	15	1	000011
3887	Trave	1265	859	11	15	1	000011
3888	Trave	1266	823	11	15	1	000011
3889	Trave	1267	949	11	15	1	000011
3890	Trave	1268	953	11	15	1	000011
3891	Trave	1269	957	11	15	1	000011
3892	Trave	1270	961	11	15	1	000011
3893	Trave	1271	965	11	15	1	000011
3894	Trave	1272	969	11	15	1	000011
3895	Trave	1273	973	11	15	1	000011
3896	Trave	1274	943	11	15	1	000011
3897	Trave	1275	951	11	15	1	000011
3898	Trave	1276	959	11	15	1	000011
3899	Trave	1277	967	11	15	1	000011
3900	Trave	1278	975	11	15	1	000011
3901	Trave	1279	955	11	15	1	000011
3902	Trave	1280	971	11	15	1	000011
3903	Trave	1281	963	11	15	1	000011
3904	Trave	1282	947	11	15	1	000011
3905	Pilas.	1267	1262	11	15	1	
3906	Pilas.	1262	1283	11	15	1	
3907	Pilas.	1268	1252	11	15	1	
3908	Pilas.	1252	1284	11	15	1	
3909	Pilas.	1269	1253	11	15	1	
3910	Pilas.	1253	1285	11	15	1	
3911	Pilas.	1270	1254	11	15	1	
3912	Pilas.	1254	1286	11	15	1	
3913	Pilas.	1271	1255	11	15	1	
3914	Pilas.	1255	1287	11	15	1	
3915	Pilas.	1272	1260	11	15	1	
3916	Pilas.	1260	1288	11	15	1	
3917	Pilas.	1273	1261	11	15	1	
3918	Pilas.	1261	1289	11	15	1	
3919	Pilas.	1274	1263	11	15	1	
3920	Pilas.	1263	1290	11	15	1	
3921	Pilas.	1275	1264	11	15	1	

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3999	Trave	1344	1312	11	15	1	000011
4000	Trave	1345	1313	11	15	1	000011
4001	Trave	1346	1314	11	15	1	000011
4002	Trave	1347	1315	11	15	1	000011
4003	Pilas.	1235	1219	11	15	1	
4004	Pilas.	1219	1203	11	15	1	
4005	Pilas.	1236	1220	11	15	1	
4006	Pilas.	1220	1204	11	15	1	
4007	Pilas.	1237	1221	11	15	1	
4008	Pilas.	1221	1205	11	15	1	
4009	Pilas.	1238	1222	11	15	1	
4010	Pilas.	1222	1206	11	15	1	
4011	Pilas.	1239	1223	11	15	1	
4012	Pilas.	1223	1207	11	15	1	
4013	Pilas.	1240	1224	11	15	1	
4014	Pilas.	1224	1208	11	15	1	
4015	Pilas.	1241	1225	11	15	1	
4016	Pilas.	1225	1209	11	15	1	
4017	Pilas.	1242	1226	11	15	1	
4018	Pilas.	1226	1210	11	15	1	
4019	Pilas.	1243	1227	11	15	1	
4020	Pilas.	1227	1211	11	15	1	
4021	Pilas.	1244	1228	11	15	1	
4022	Pilas.	1228	1212	11	15	1	
4023	Pilas.	1245	1229	11	15	1	
4024	Pilas.	1229	1213	11	15	1	
4025	Pilas.	1246	1230	11	15	1	
4026	Pilas.	1230	1214	11	15	1	
4027	Pilas.	1247	1231	11	15	1	
4028	Pilas.	1231	1215	11	15	1	
4029	Pilas.	1248	1232	11	15	1	
4030	Pilas.	1232	1216	11	15	1	
4031	Pilas.	1249	1233	11	15	1	
4032	Pilas.	1233	1217	11	15	1	
4033	Pilas.	1250	1234	11	15	1	
4034	Pilas.	1234	1218	11	15	1	
4035	Pilas.	479	547	11	15	1	
4036	Pilas.	480	548	11	15	1	
4037	Pilas.	481	549	11	15	1	
4038	Pilas.	482	550	11	15	1	
4039	Pilas.	483	551	11	15	1	
4040	Pilas.	484	552	11	15	1	
4041	Pilas.	485	553	11	15	1	
4042	Pilas.	486	554	11	15	1	
4043	Pilas.	487	555	11	15	1	
4044	Pilas.	488	556	11	15	1	
4045	Pilas.	489	557	11	15	1	
4046	Pilas.	490	558	11	15	1	
4047	Pilas.	491	559	11	15	1	
4048	Pilas.	492	560	11	15	1	
4049	Pilas.	493	561	11	15	1	
4050	Pilas.	494	562	11	15	1	
4051	Pilas.	495	563	11	15	1	
4052	Pilas.	496	564	11	15	1	
4053	Pilas.	497	565	11	15	1	
4054	Pilas.	498	566	11	15	1	
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4069	Pilas.	513	581	11	15	1	
4070	Pilas.	514	582	11	15	1	
4071	Pilas.	515	583	11	15	1	
4072	Pilas.	516	584	11	15	1	
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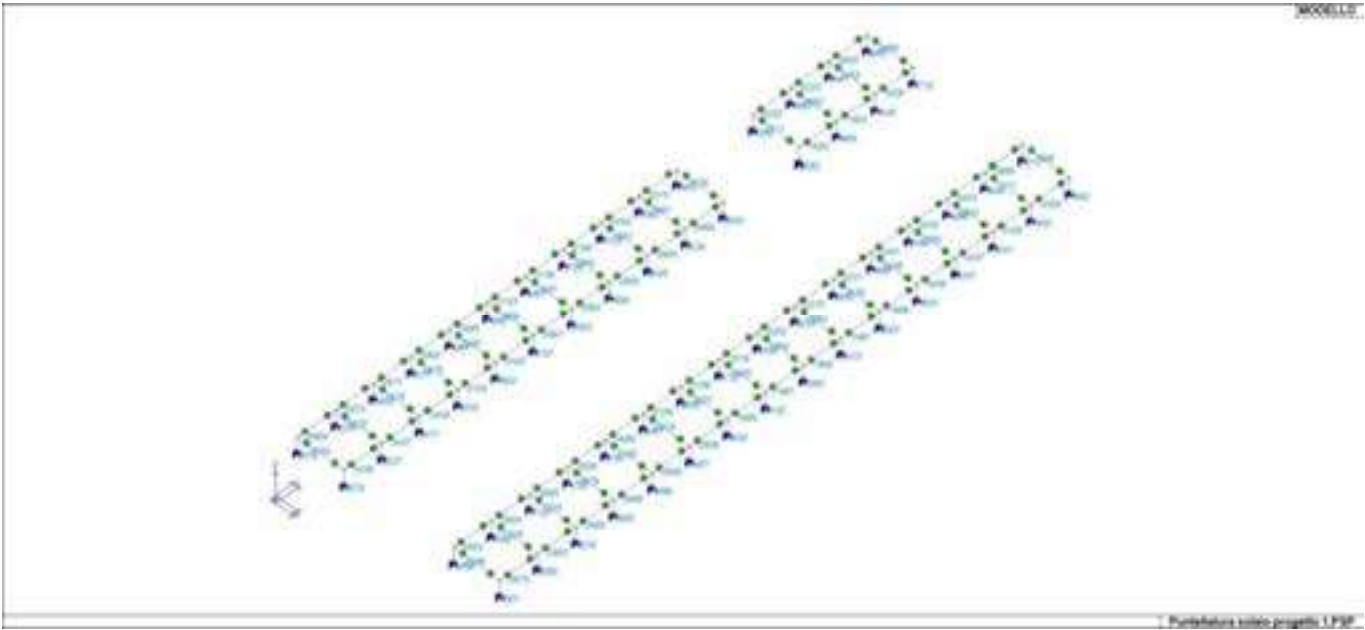
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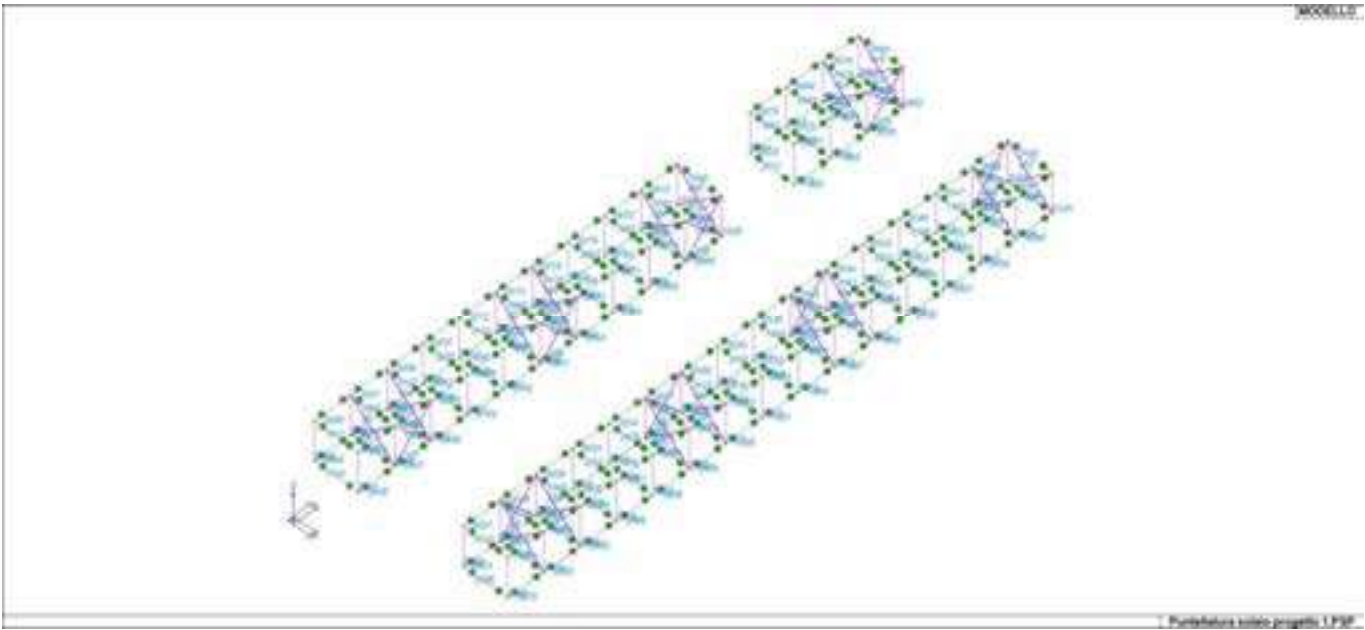
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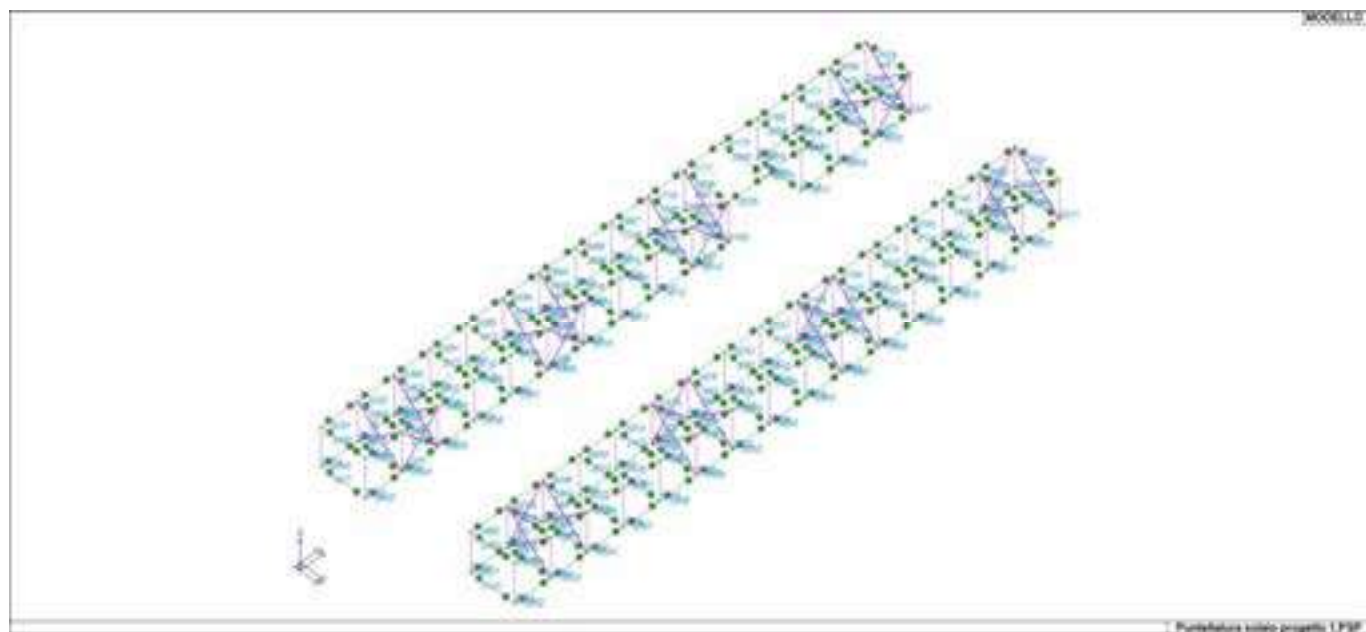
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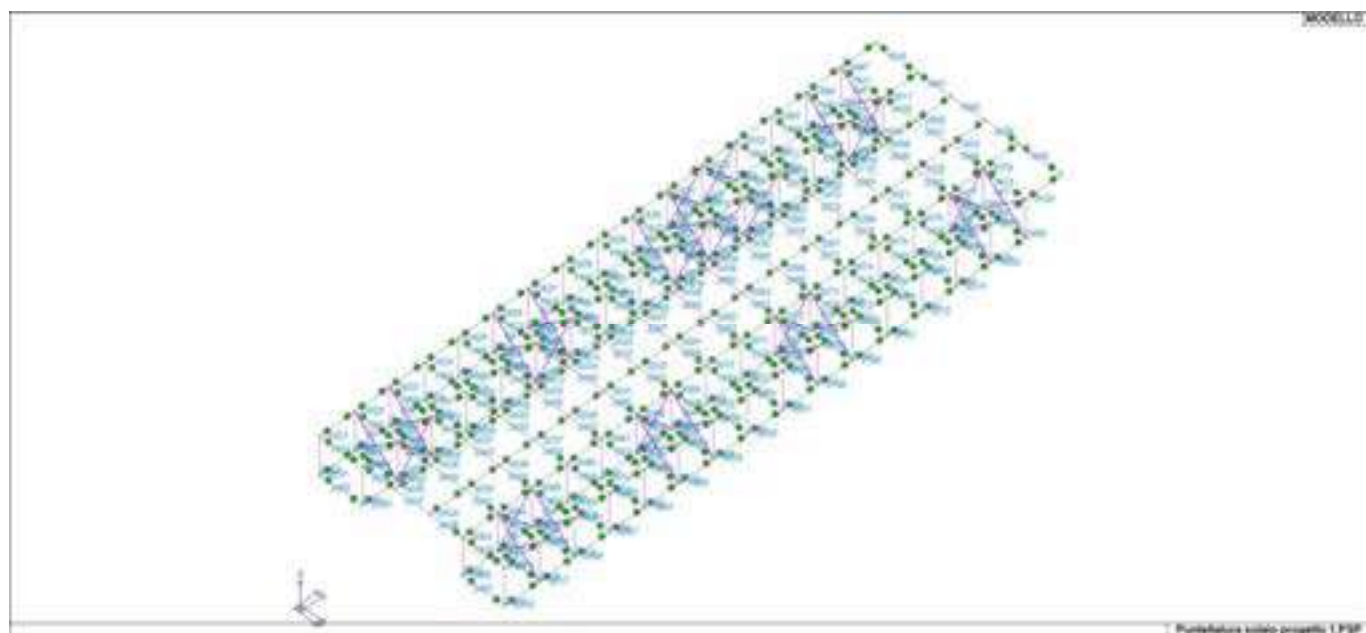
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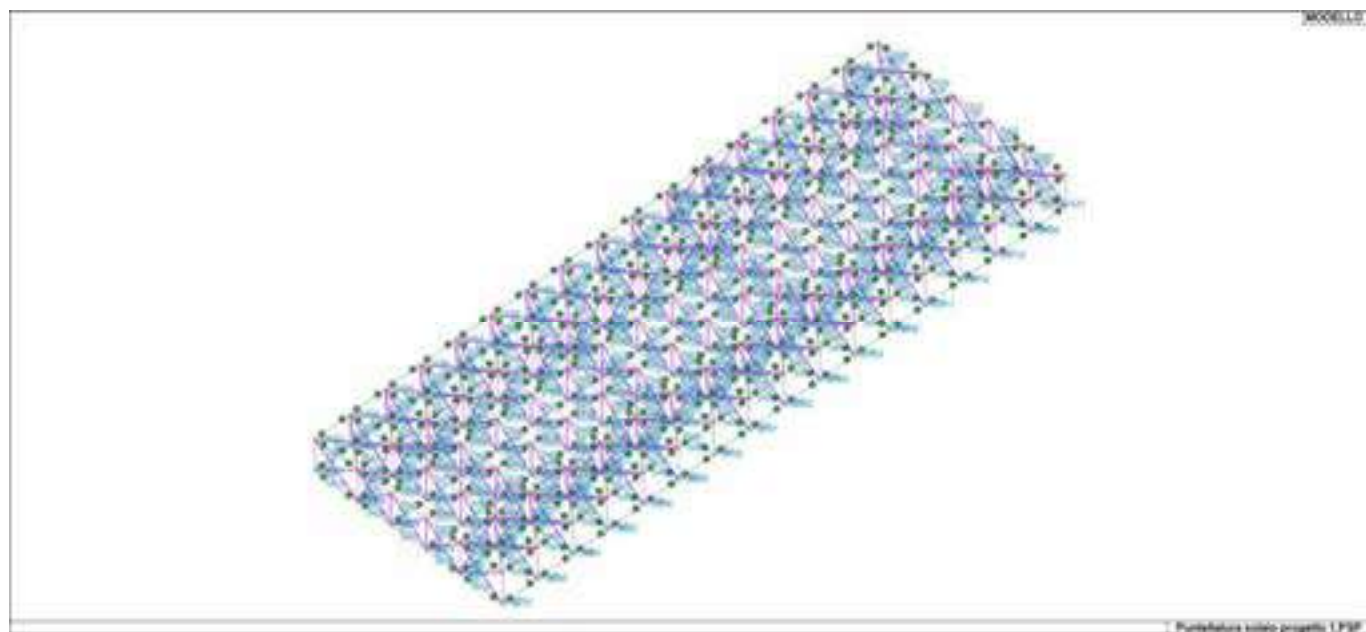
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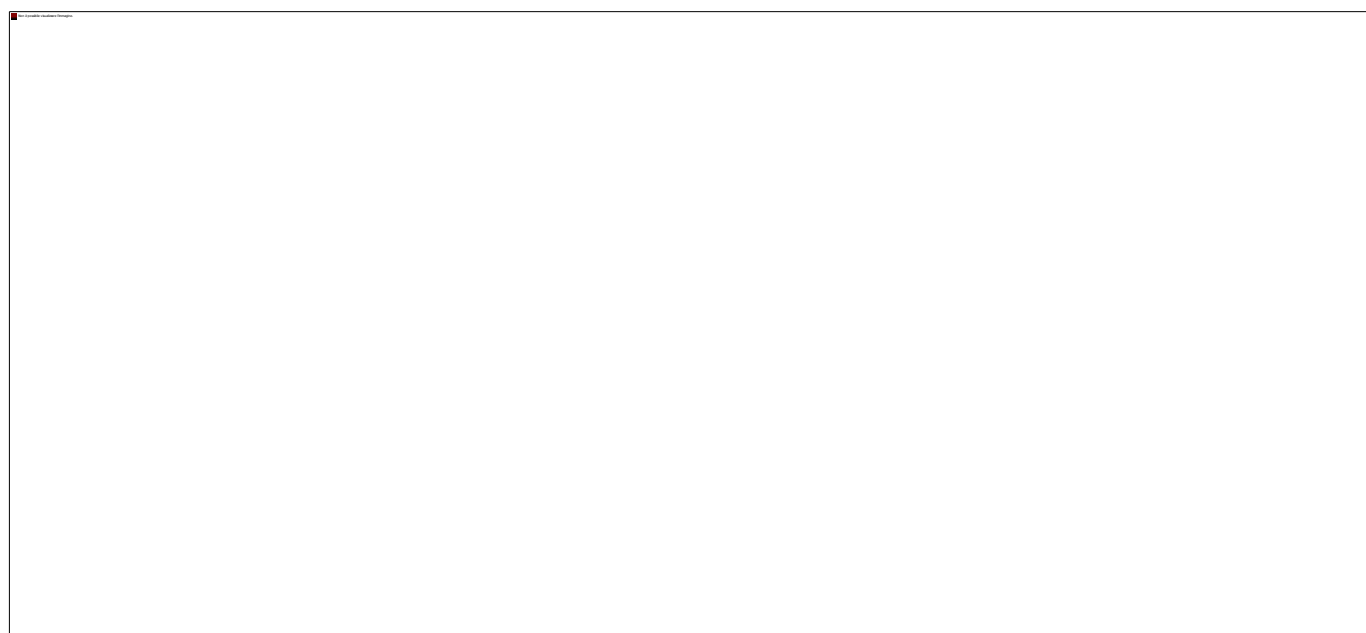
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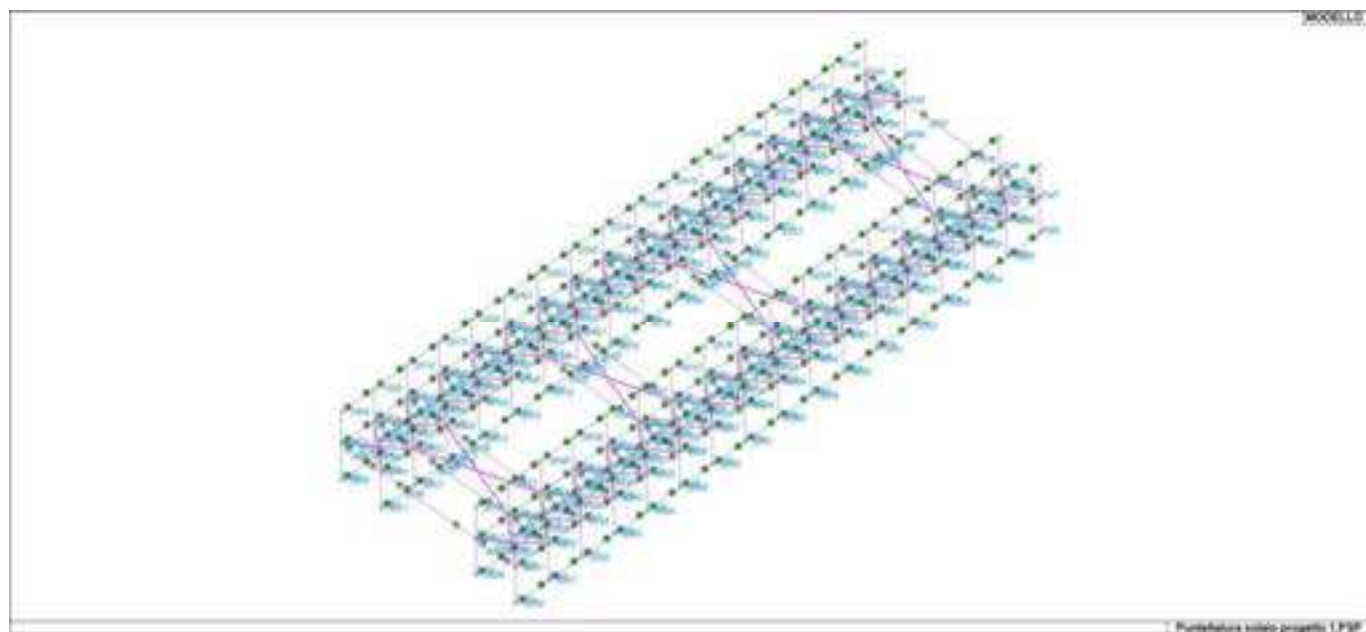
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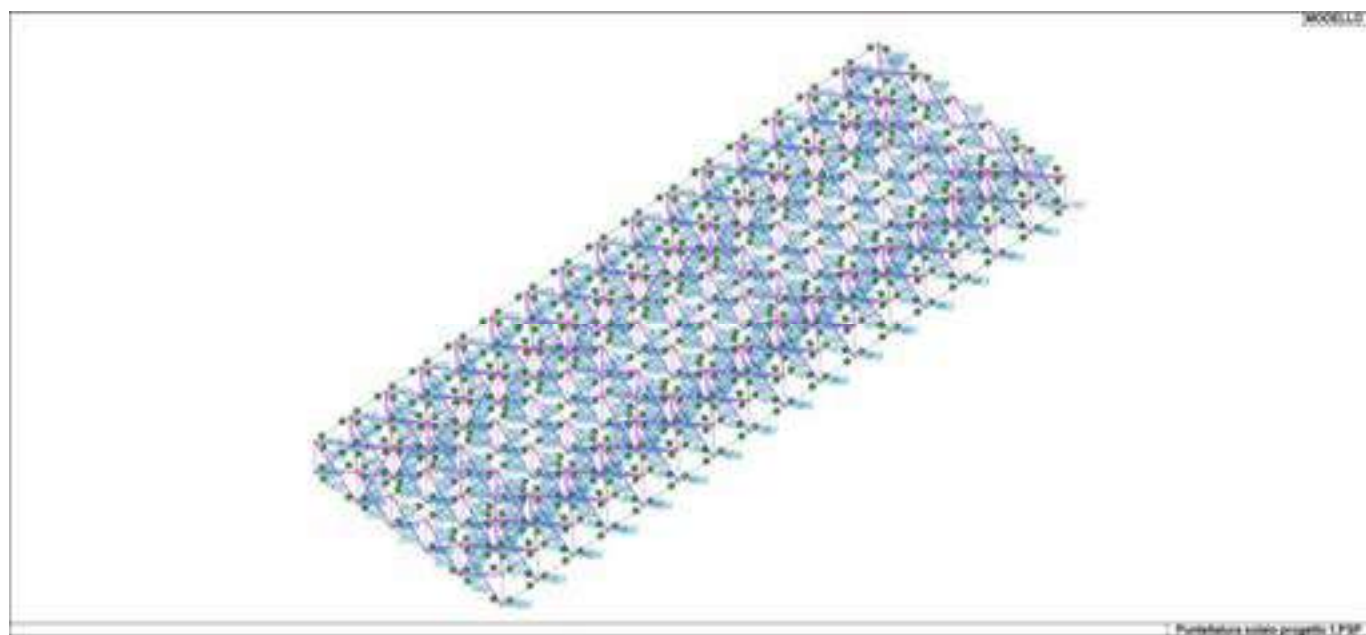
15_MOD_NUMERAZIONE_D2_GR_005



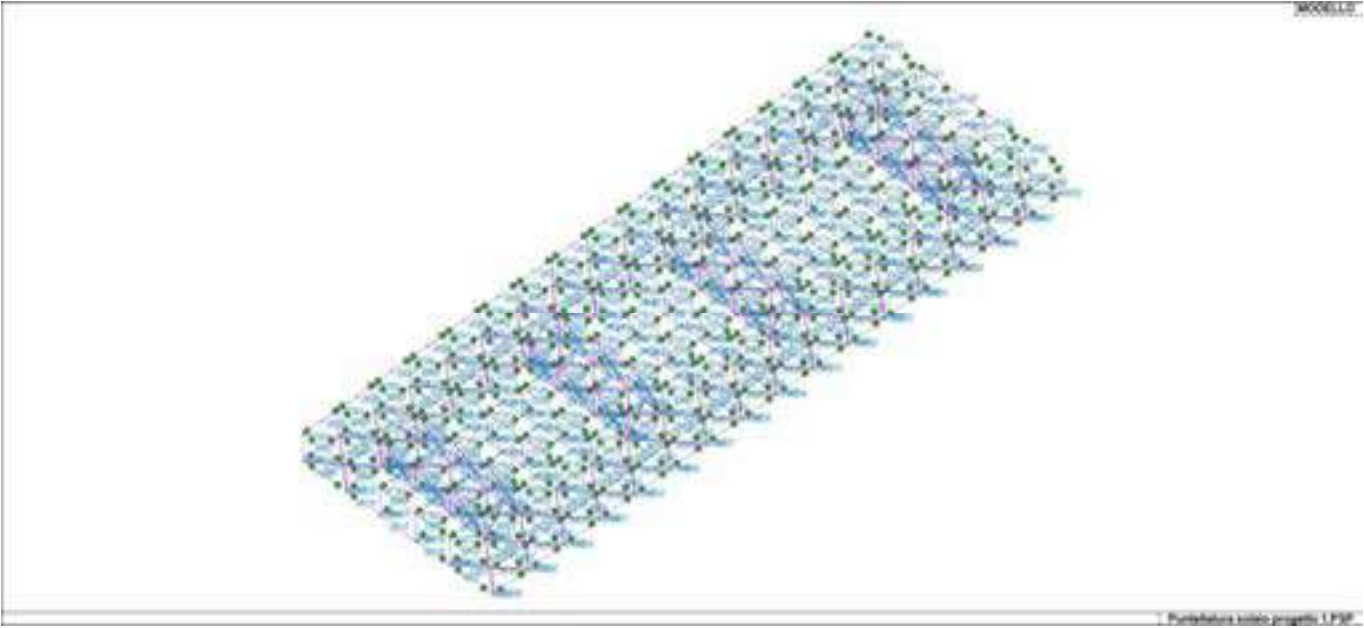
15_MOD_NUMERAZIONE_D2_GR_006



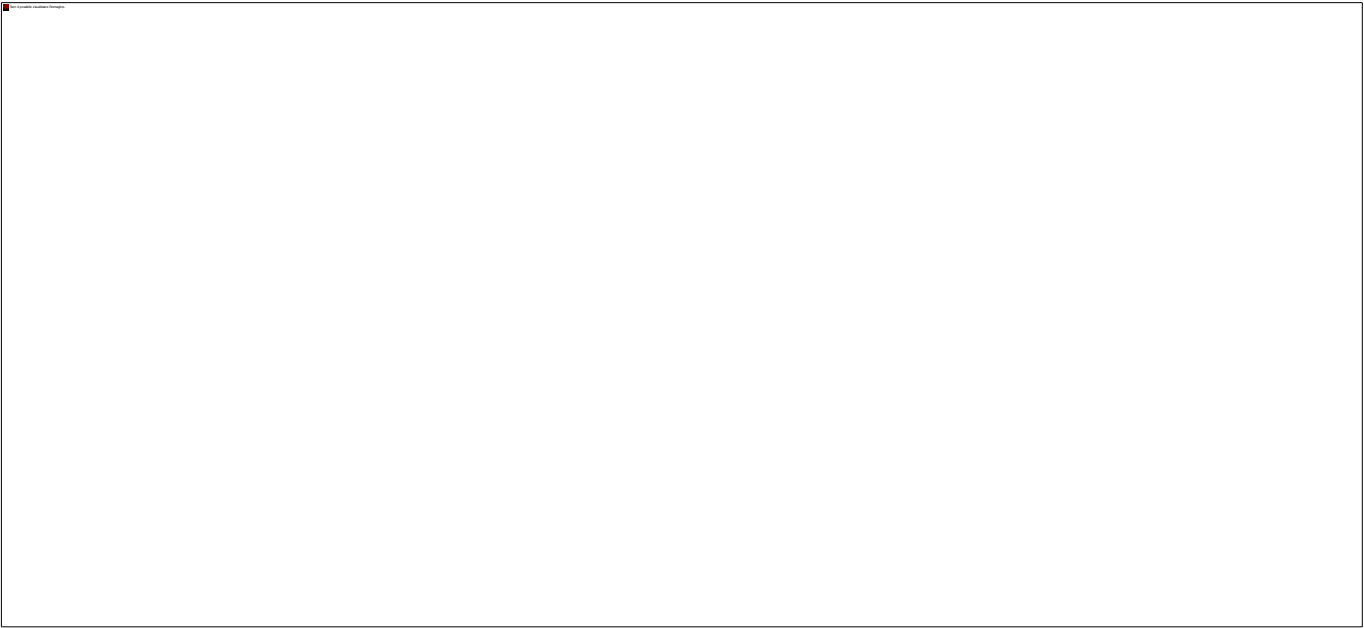
15_MOD_NUMERAZIONE_D2_GR_007



15_MOD_NUMERAZIONE_D2_GR_010

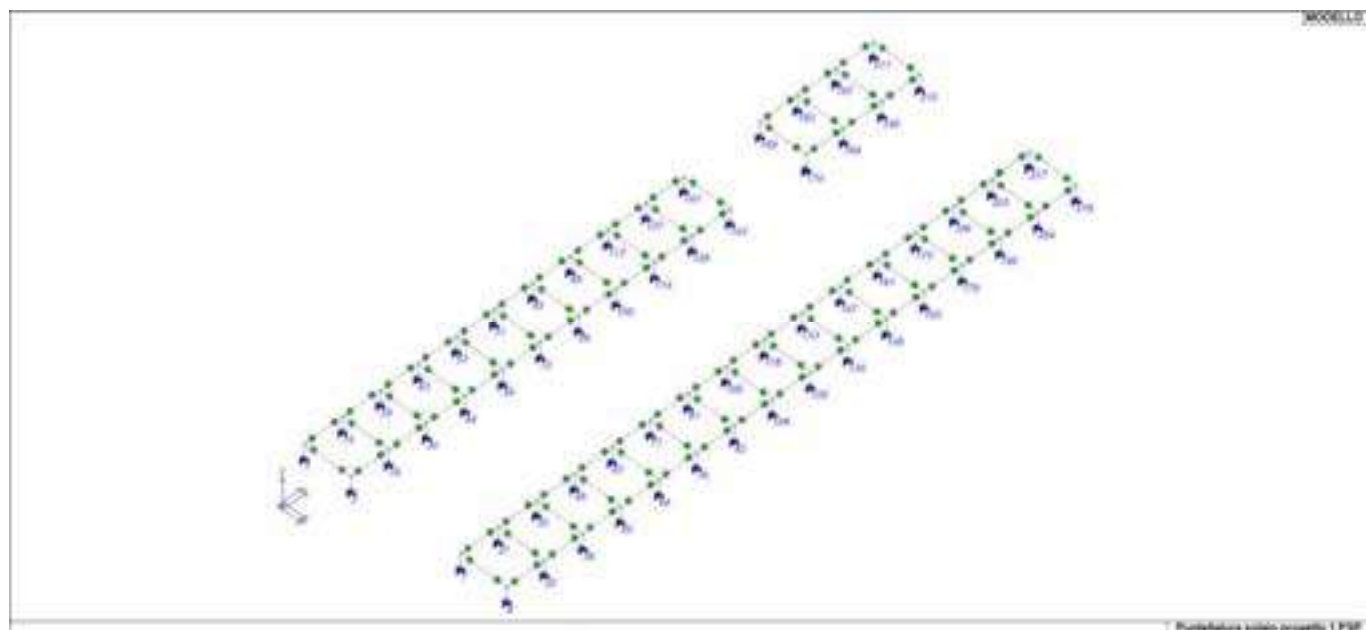


15_MOD_NUMERAZIONE_D2_GR_011

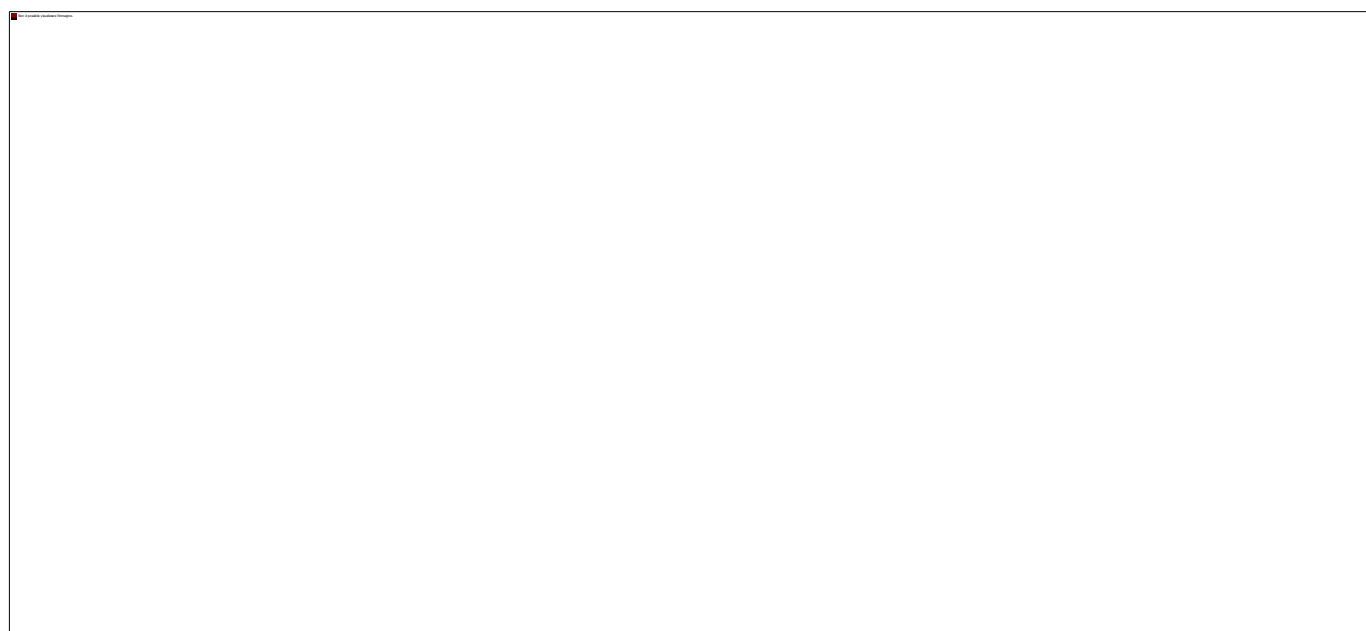


15_MOD_NUMERAZIONE_D2_GR_012

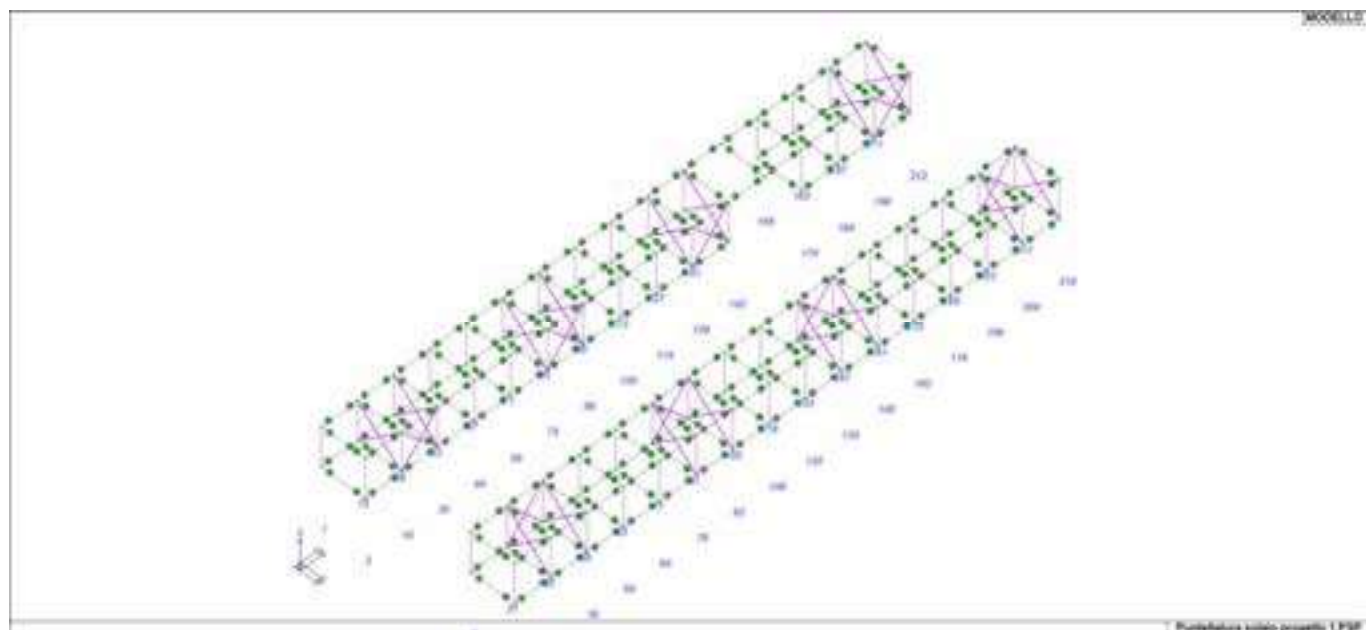




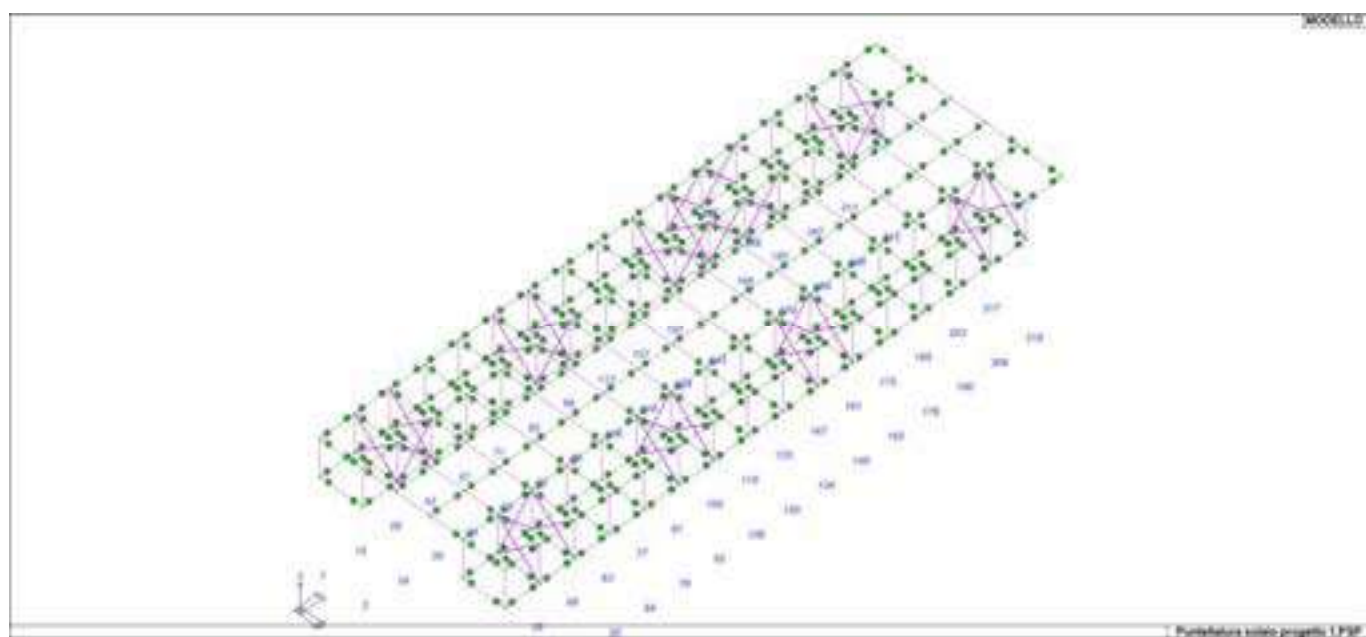
15_MOD_NUMERAZIONE_D2_PILASTRATE_GR_001



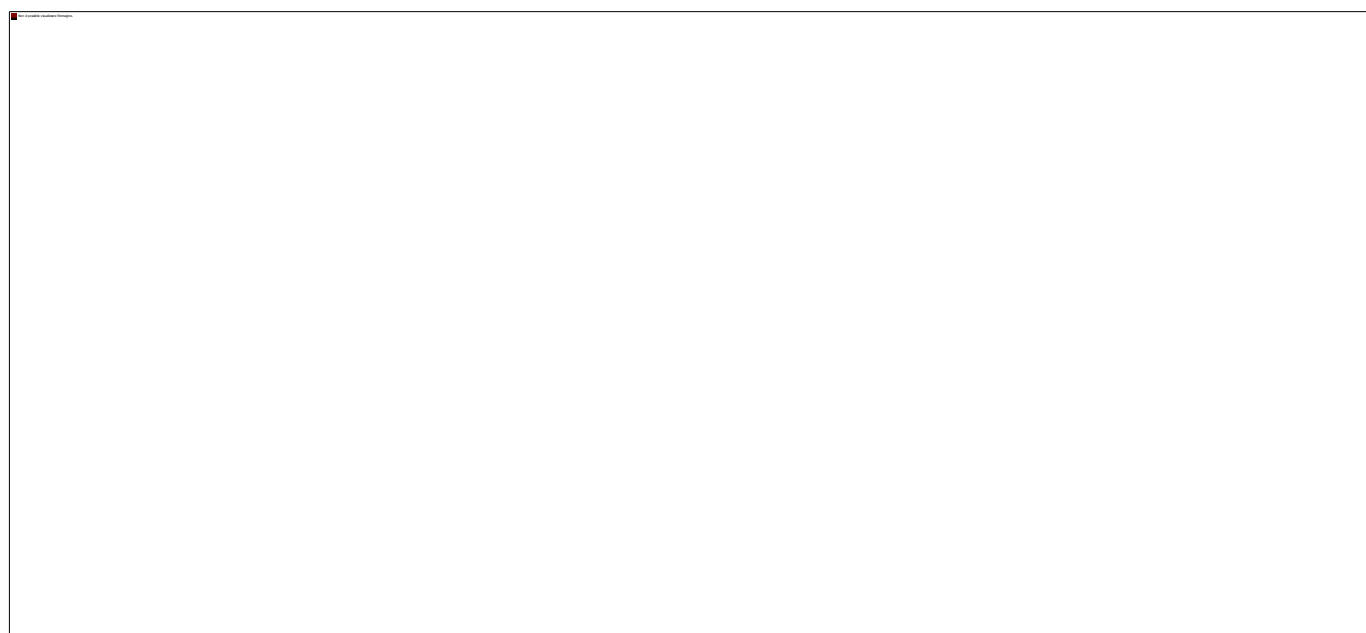
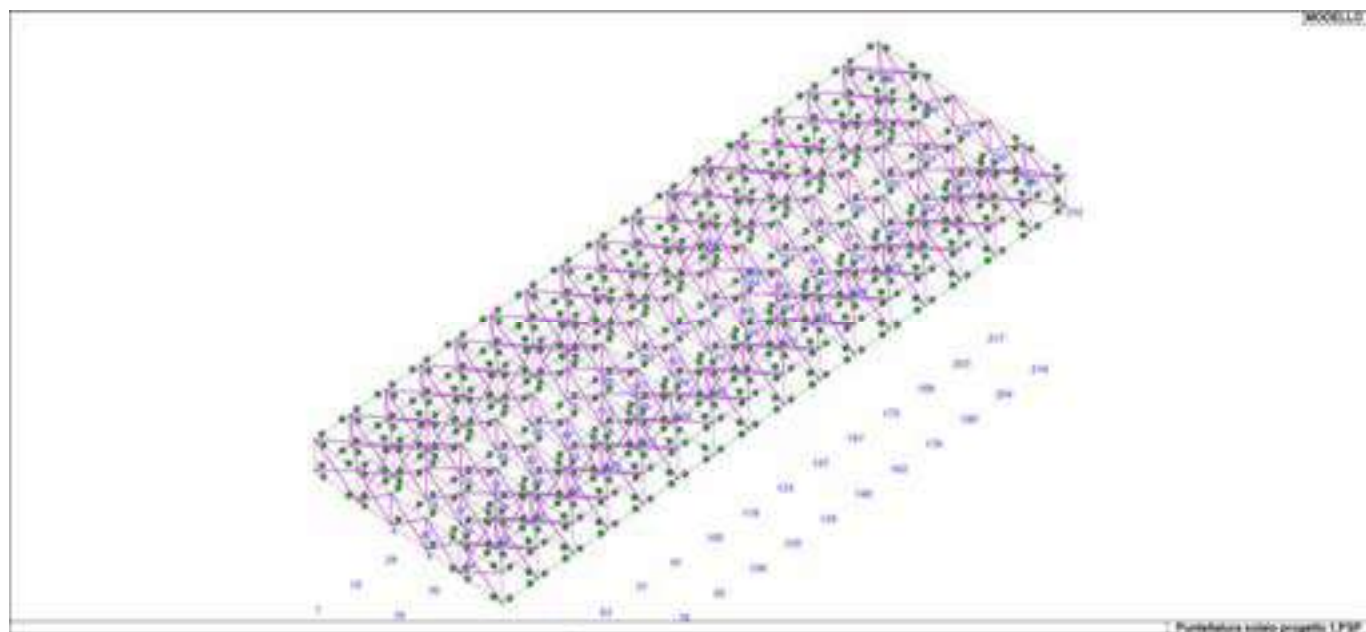
15_MOD_NUMERAZIONE_D2_PILASTRATE_GR_002

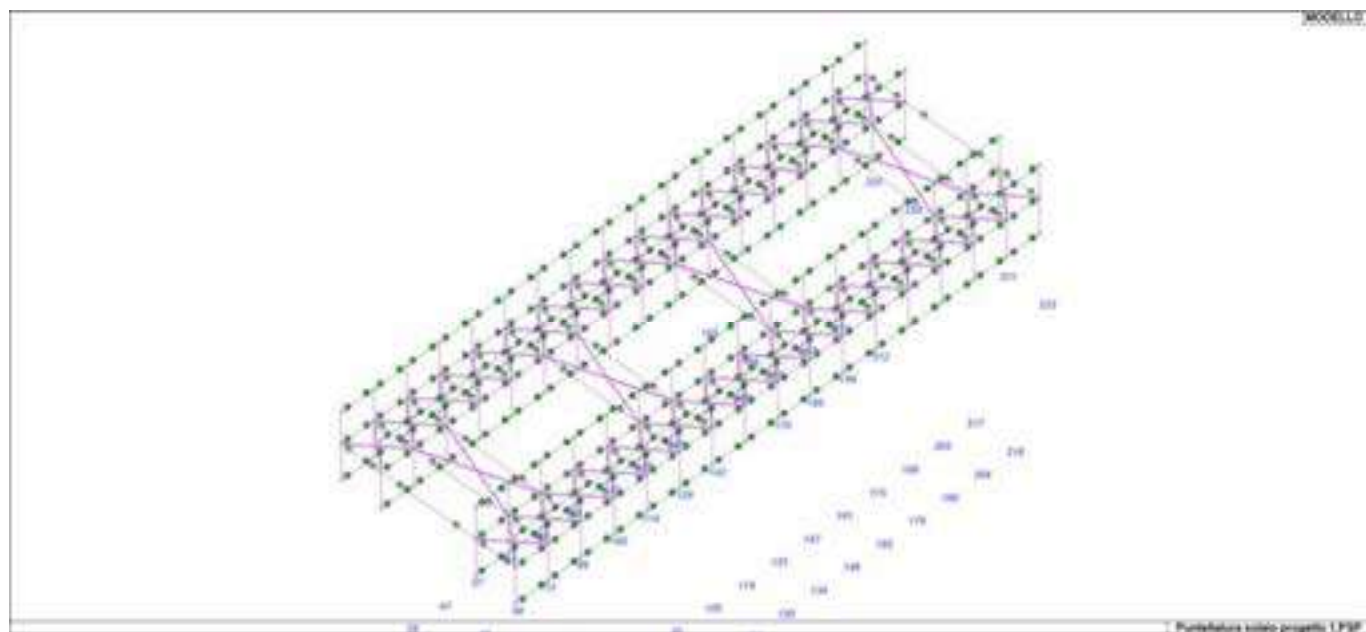


15_MOD_NUMERAZIONE_D2_PILASTRATE_GR_003

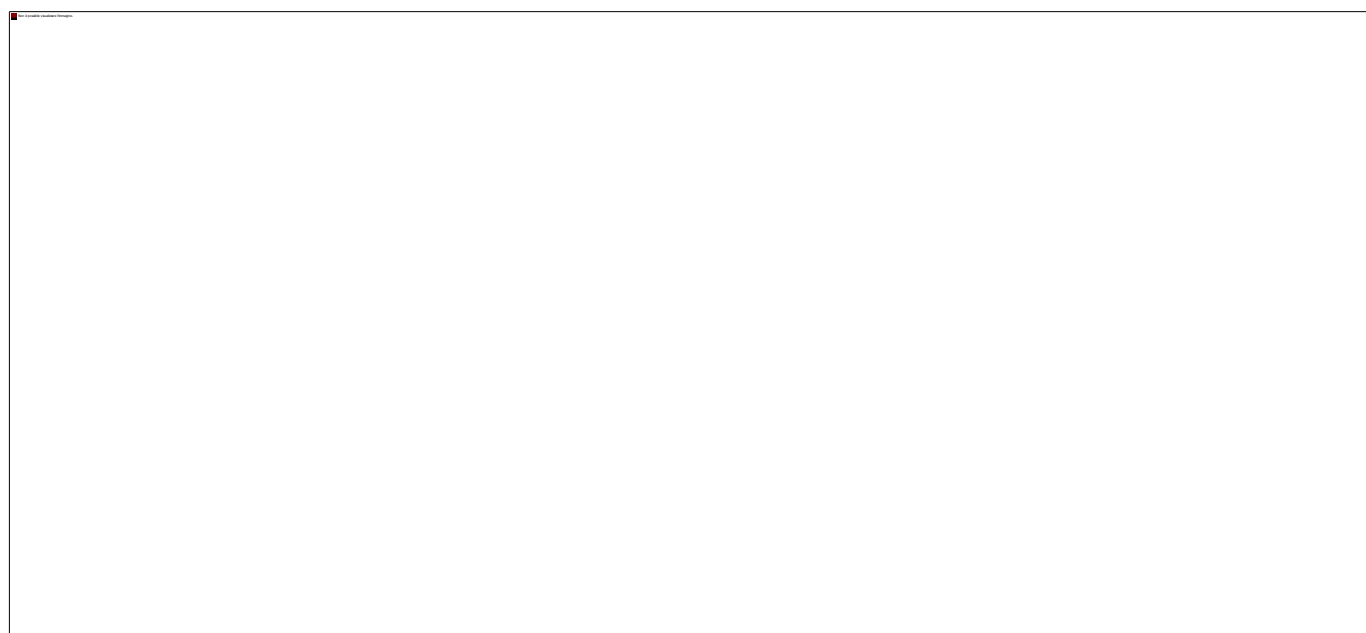


15_MOD_NUMERAZIONE_D2_PILASTRATE_GR_004

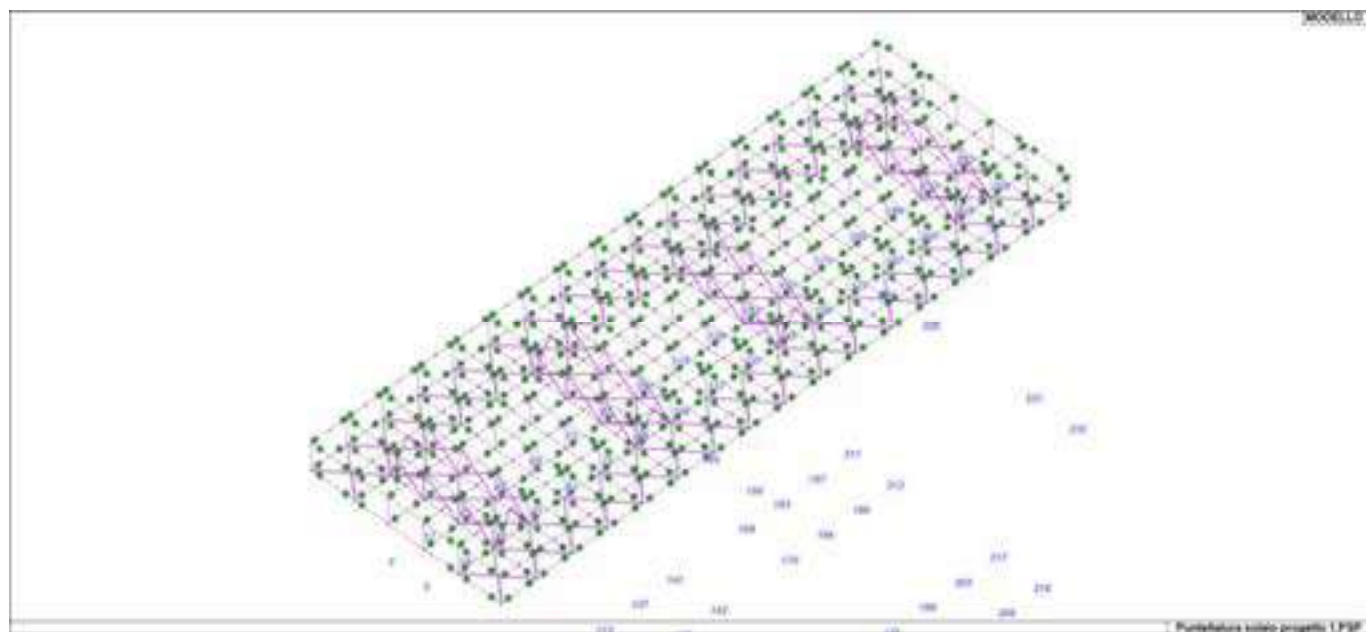




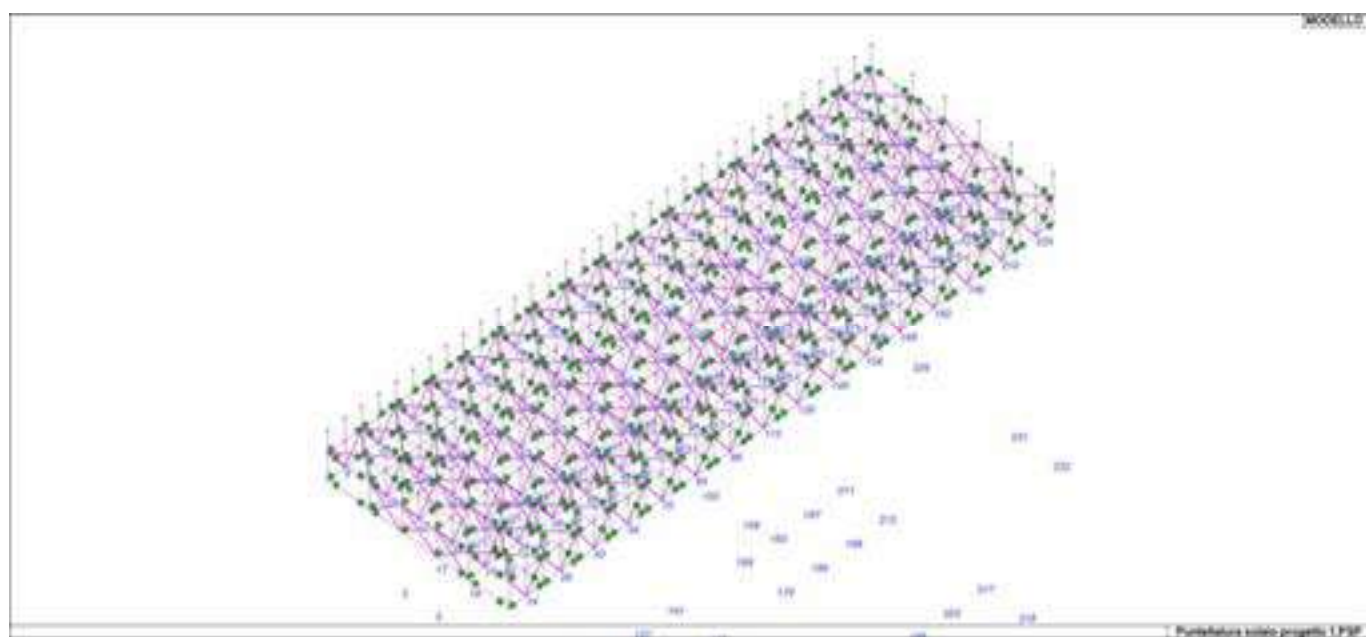
15_MOD_NUMERAZIONE_D2_PILASTRATE_GR_007



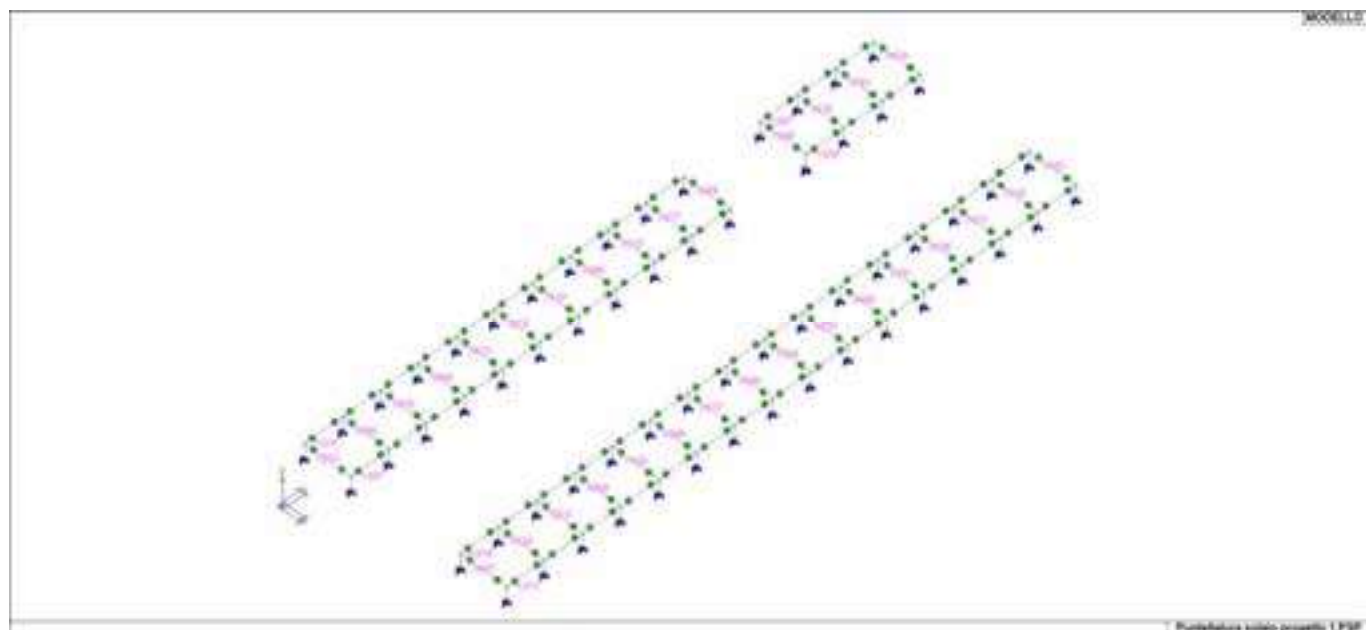
15_MOD_NUMERAZIONE_D2_PILASTRATE_GR_010



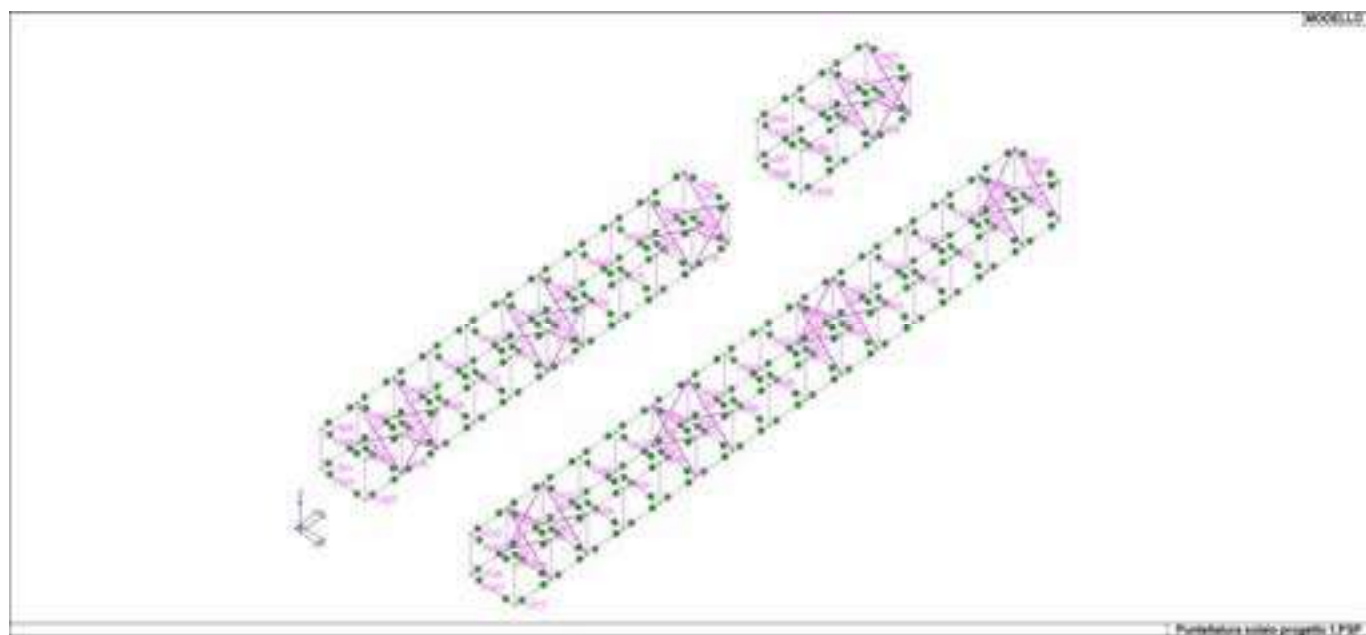
15_MOD_NUMERAZIONE_D2_PILASTRATE_GR_011



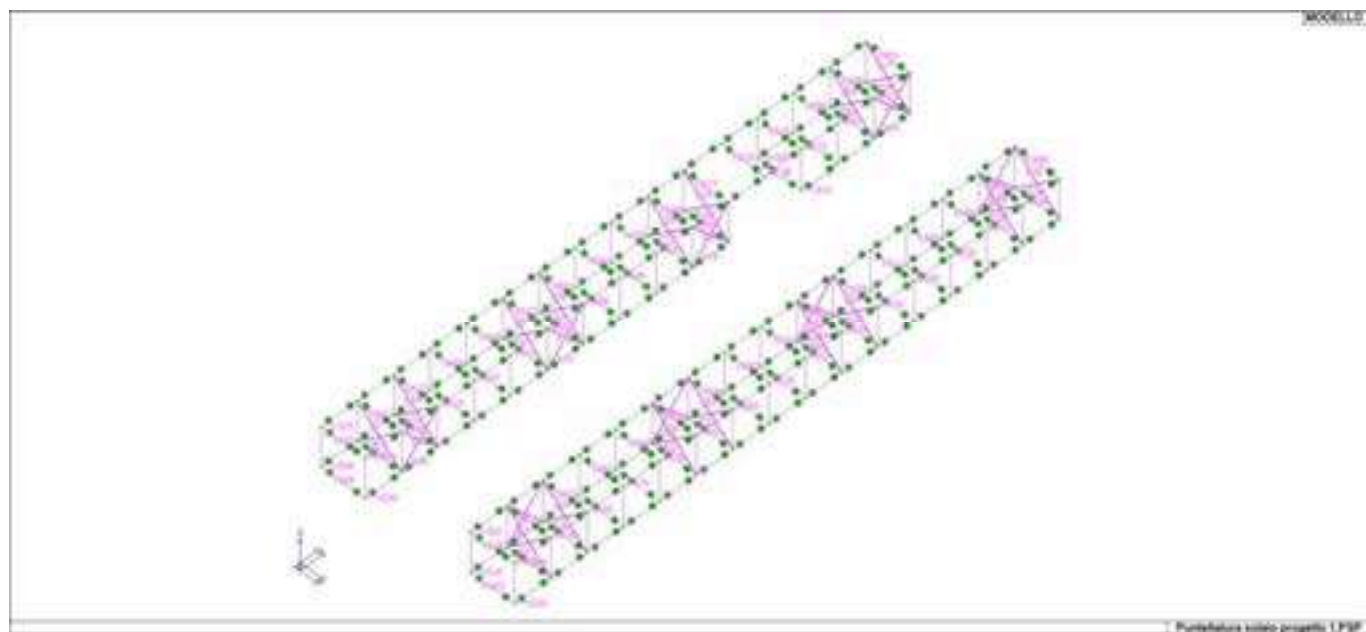
15_MOD_NUMERAZIONE_D2_PILASTRATE_GR_012



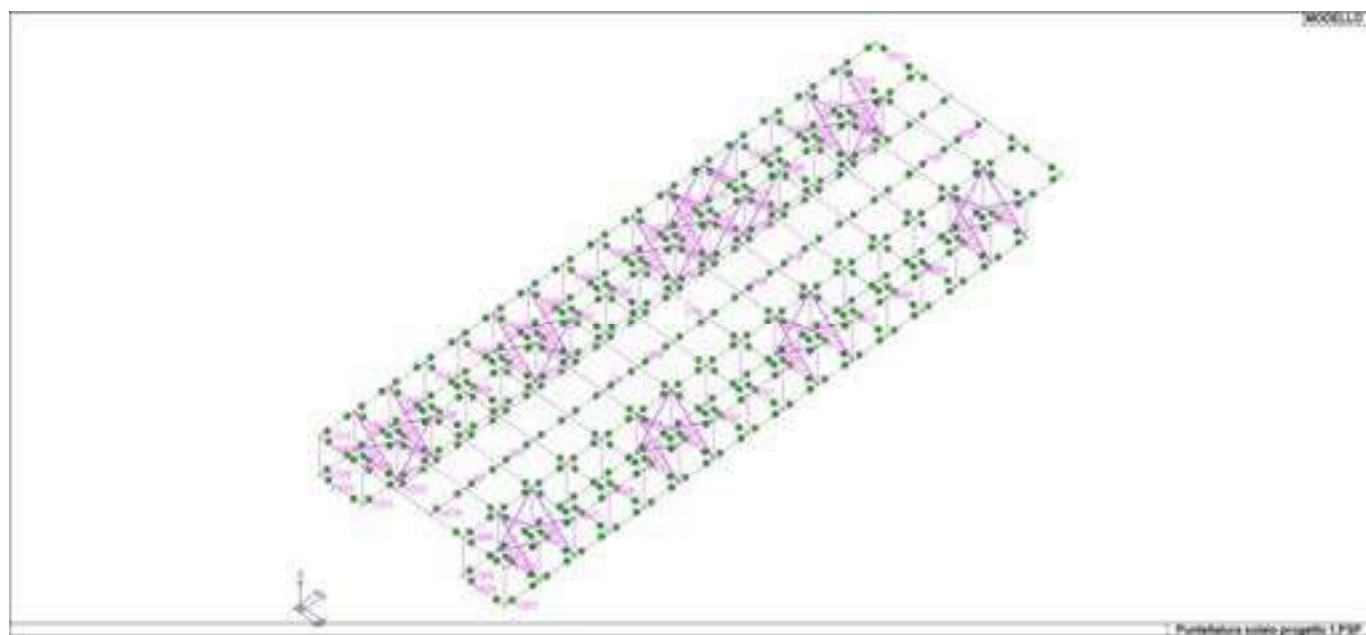
15_MOD_NUMERAZIONE_D2_TRAVATE_GR_001



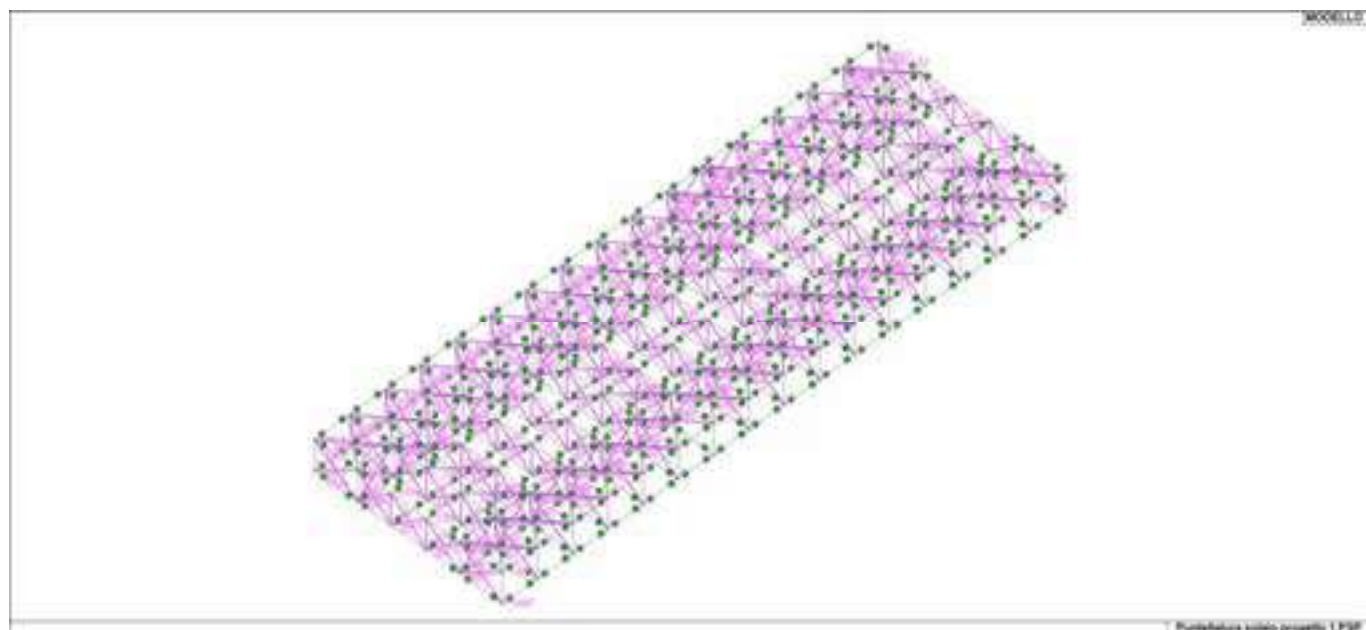
15_MOD_NUMERAZIONE_D2_TRAVATE_GR_002



15_MOD_NUMERAZIONE_D2_TRAVATE_GR_003

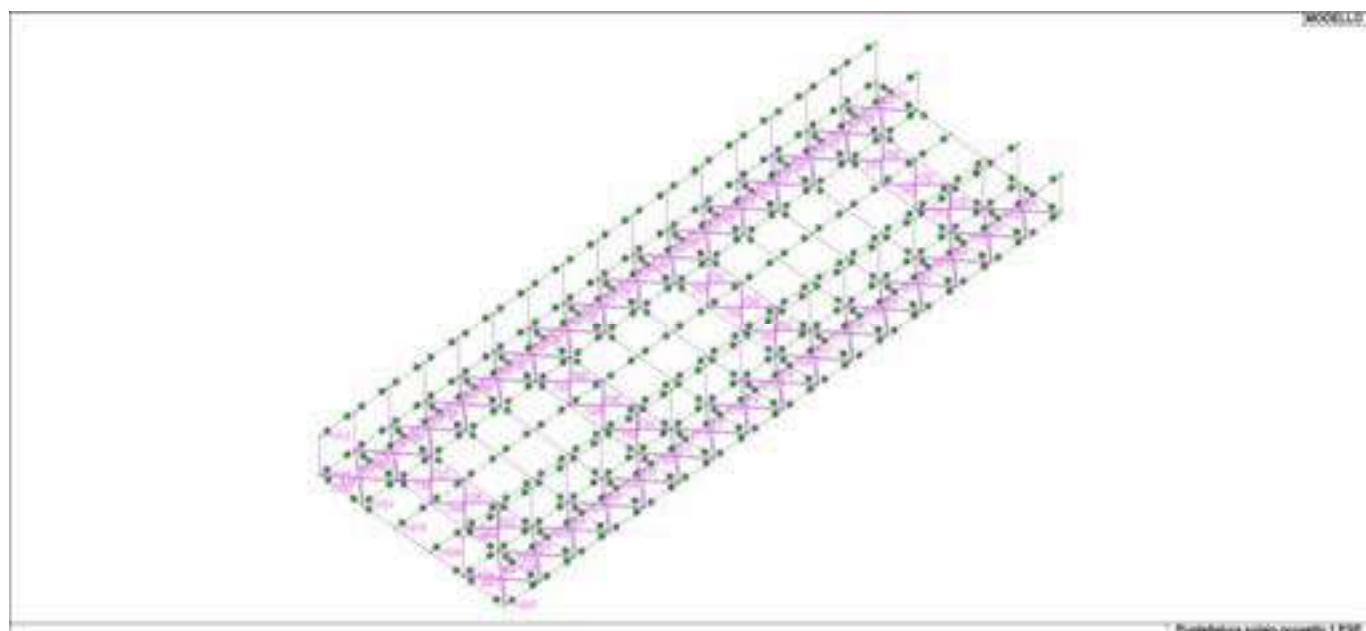


15_MOD_NUMERAZIONE_D2_TRAVATE_GR_004



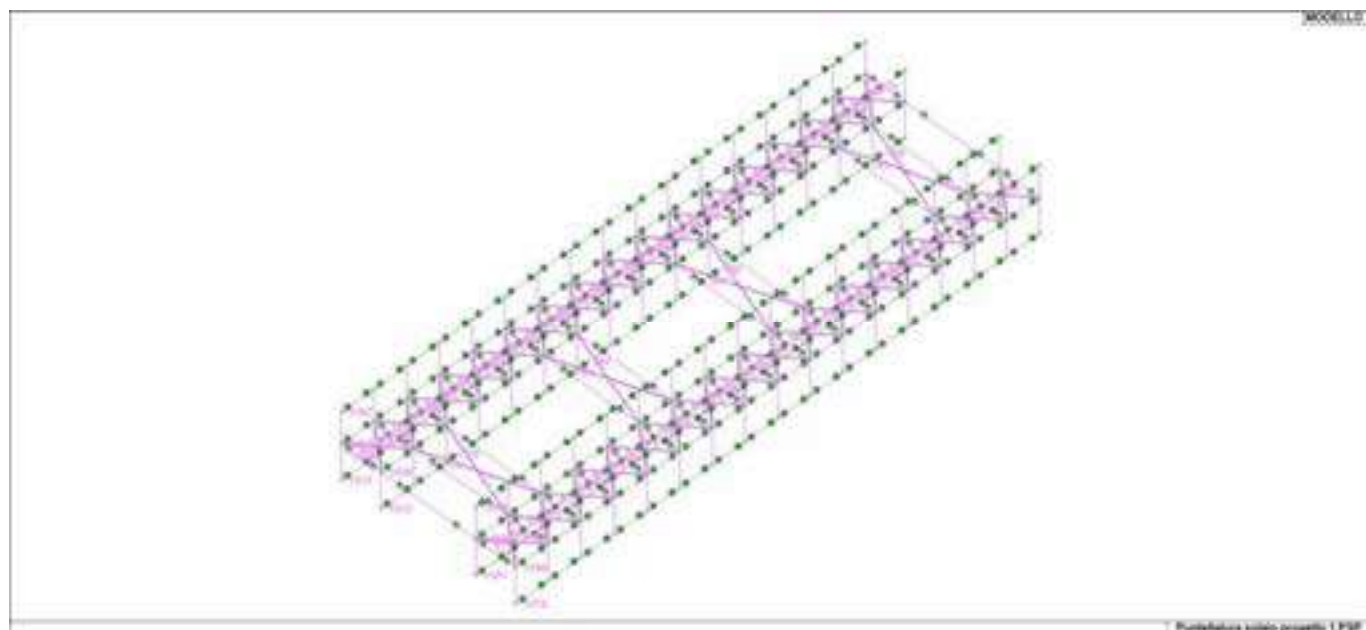
Portafelena studio progetti L.PSP

15_MOD_NUMERAZIONE_D2_TRAVATE_GR_005

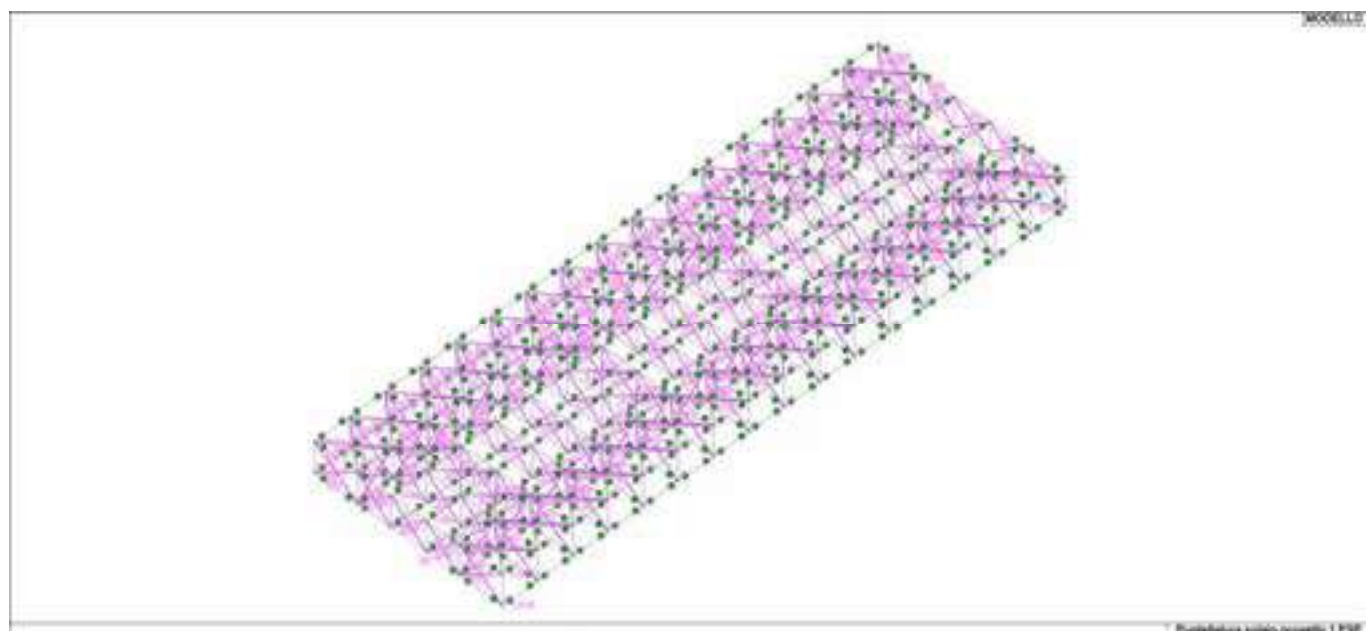


Portafelena studio progetti L.PSP

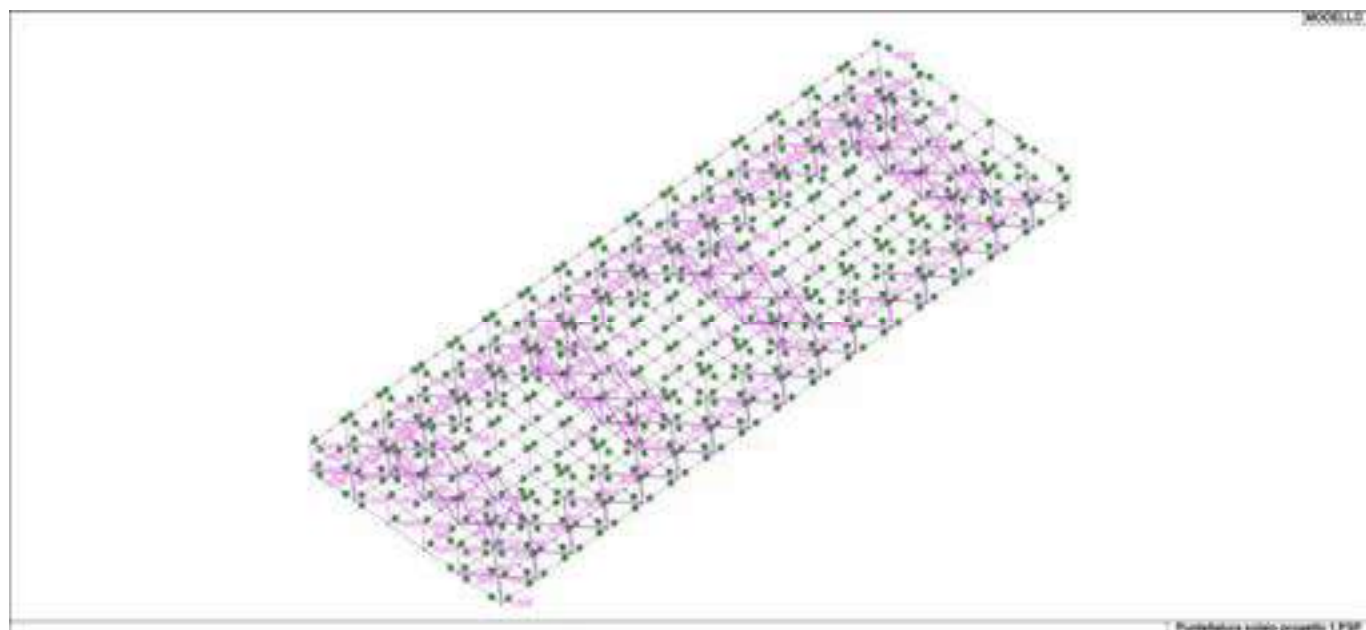
15_MOD_NUMERAZIONE_D2_TRAVATE_GR_006



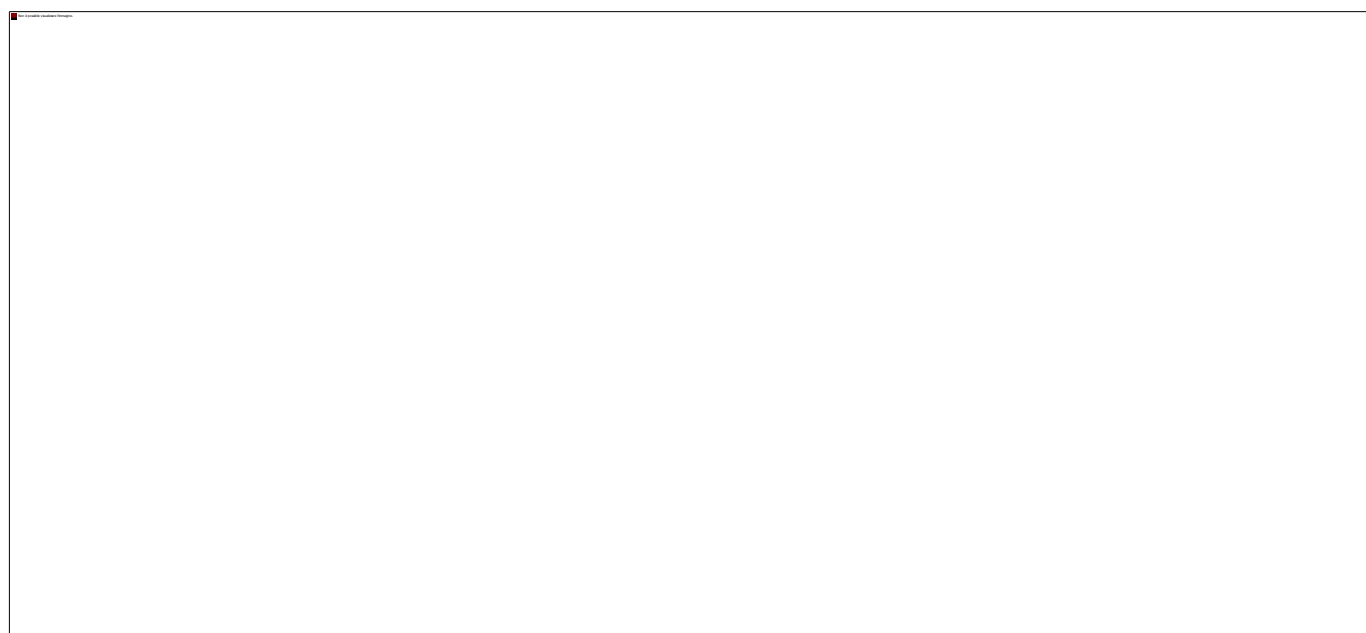
15_MOD_NUMERAZIONE_D2_TRAVATE_GR_007



15_MOD_NUMERAZIONE_D2_TRAVATE_GR_010



15_MOD_NUMERAZIONE_D2_TRAVATE_GR_011



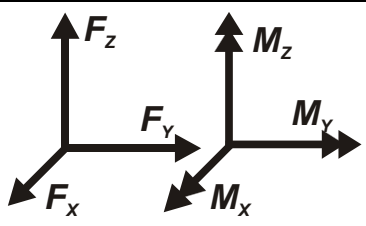
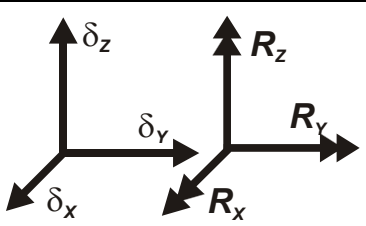
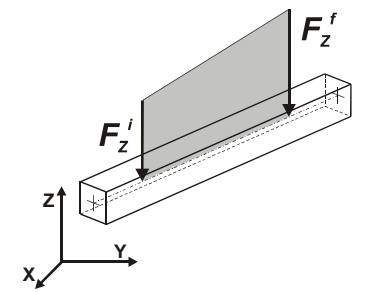
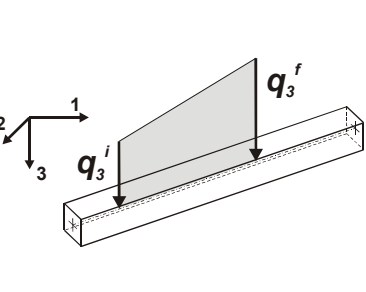
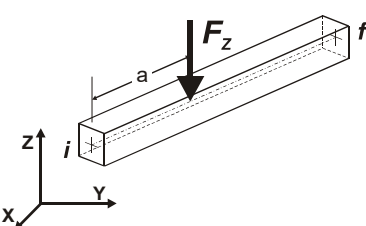
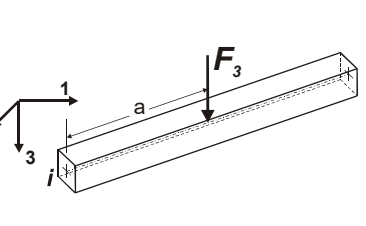
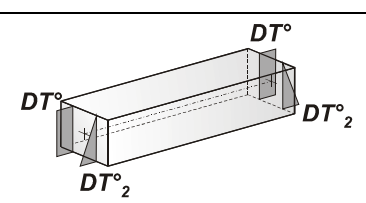
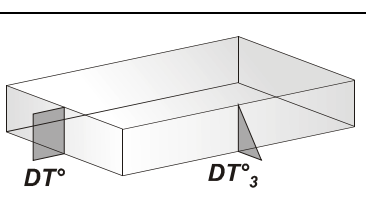
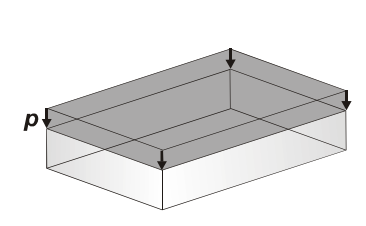
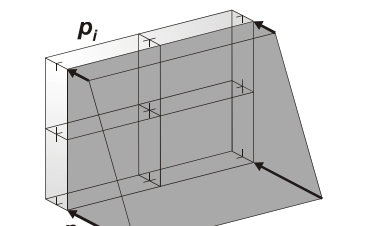
15_MOD_NUMERAZIONE_D2_TRAVATE_GR_012

MODELLAZIONE DELLE AZIONI

LEGENDA TABELLA DATI AZIONI

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

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

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

Tipo carico concentrato nodale

Id	Tipo	Fx	Fy	Fz	Mx	My	Mz
		daN	daN	daN	daN cm	daN cm	daN cm
9	CN:Fz=-575.00	0.0	0.0	-575.00	0.0	0.0	0.0
10	CN:Fz=-670.00	0.0	0.0	-670.00	0.0	0.0	0.0
11	CN:Fz=-115.00	0.0	0.0	-115.00	0.0	0.0	0.0
12	CN:Fz=-135.00	0.0	0.0	-135.00	0.0	0.0	0.0

SCHEMATIZZAZIONE DEI CASI DI CARICO

LEGENDA TABELLA CASI DI CARICO

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

Sono previsti i seguenti 11 tipi di casi di carico:

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

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

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

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

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

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

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

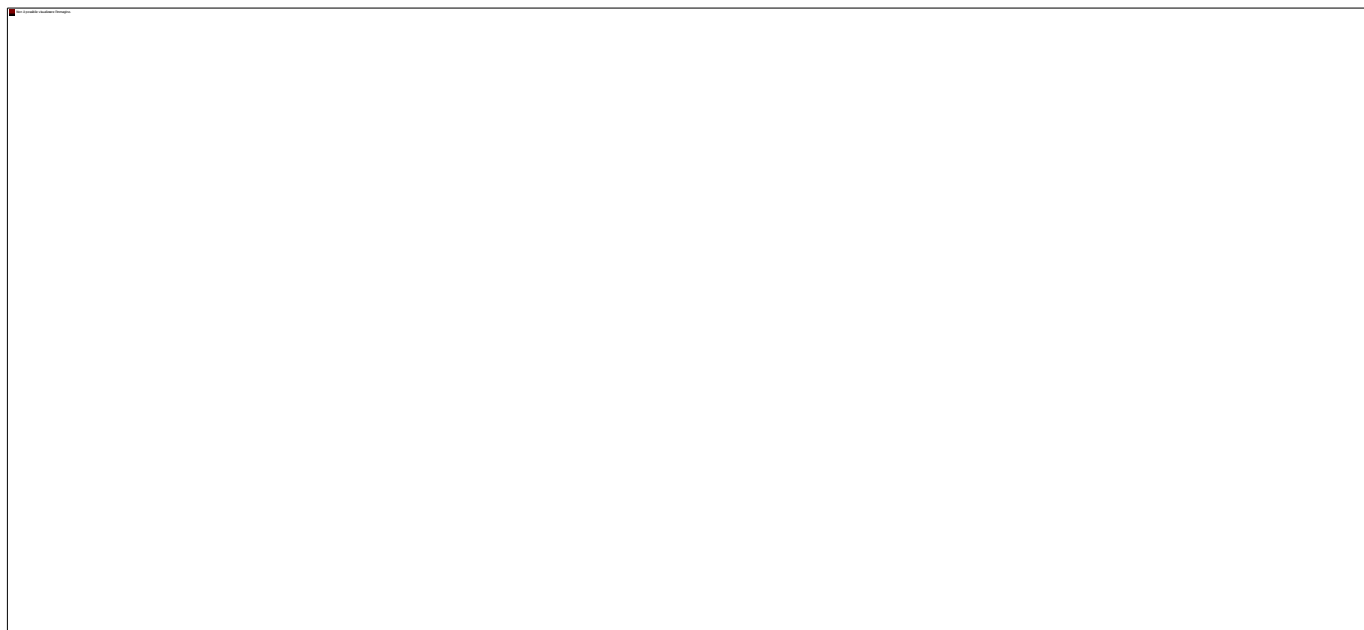
Numero Tipo e Sigla identificativa, Valore di riferimento del caso di carico (se previsto).

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

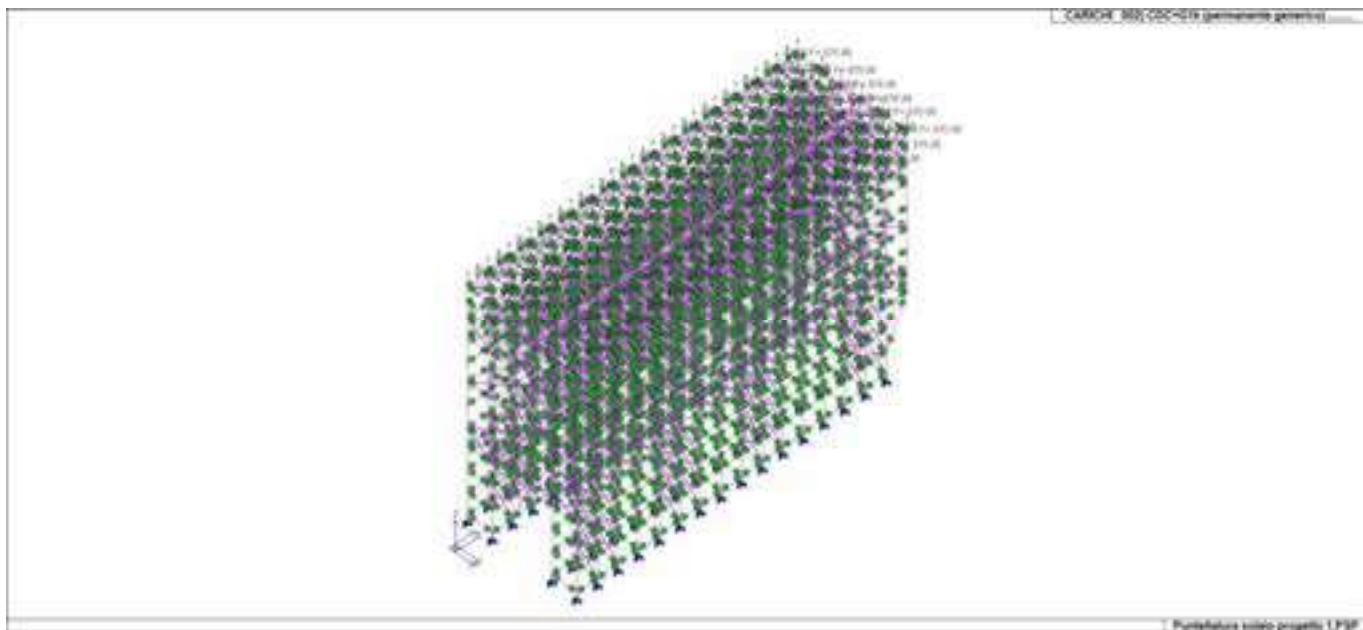
Per i casi di carico di tipo sismico (9-Esk e 10-Edk), viene riportata la tabella di definizione delle masse: per ogni caso di carico partecipante alla definizione delle masse viene indicata la relativa aliquota (partecipazione) considerata. Si precisa che per i caso di carico 5-Qsk e 6-Qnk la partecipazione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

CDC	Tipo	Sigla Id	Note
1	Ggk	CDC=Ggk (peso proprio della struttura)	
2	Gk	CDC=G1k (permanente generico)	Azioni applicate:
			Nodo: 127 Azione : CN:Fz=-670.00
			Nodo: 191 Azione : CN:Fz=-670.00

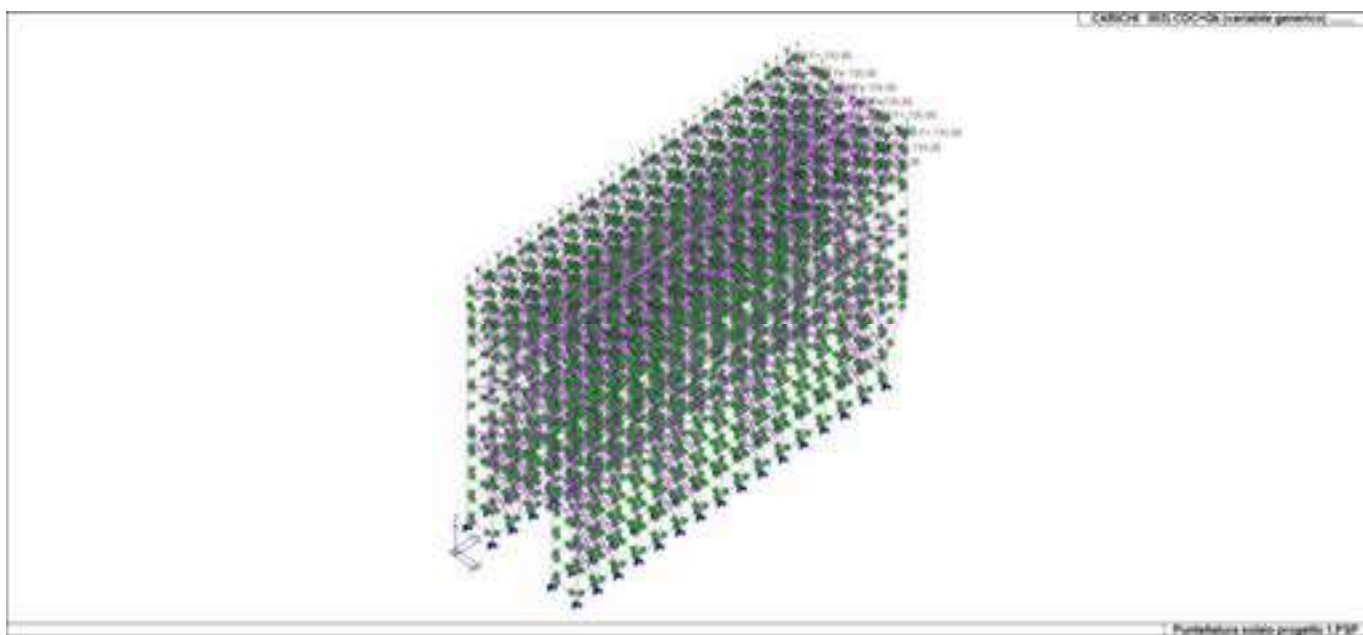
CDC	Tipo	Sigla Id	Note
			Nodo: 259 Azione : CN:Fz=-670.00
			Nodo:da 1170 a 1185 Azione : CN:Fz=-670.00
			Nodo:da 1203 a 1218 Azione : CN:Fz=-575.00
			Nodo:da 1283 a 1298 Azione : CN:Fz=-670.00
			Nodo:da 1348 a 1363 Azione : CN:Fz=-575.00
			Nodo:da 1396 a 1411 Azione : CN:Fz=-670.00
			Nodo:da 1444 a 1456 Azione : CN:Fz=-670.00
3	Qk	CDC=Qk (variabile generico)	Azioni applicate:
			Nodo: 127 Azione : CN:Fz=-135.00
			Nodo: 191 Azione : CN:Fz=-135.00
			Nodo: 259 Azione : CN:Fz=-135.00
			Nodo:da 1170 a 1185 Azione : CN:Fz=-135.00
			Nodo:da 1203 a 1218 Azione : CN:Fz=-115.00
			Nodo:da 1283 a 1298 Azione : CN:Fz=-135.00
			Nodo:da 1348 a 1363 Azione : CN:Fz=-115.00
			Nodo:da 1396 a 1411 Azione : CN:Fz=-135.00
			Nodo:da 1444 a 1456 Azione : CN:Fz=-135.00



22_CDC_001_CDC=Ggk (peso proprio della struttura)



22_CDC_002_CDC=G1k (permanente generico)



22_CDC_003_CDC=Qk (variabile generico)

DEFINIZIONE DELLE COMBINAZIONI

LEGENDA TABELLA COMBINAZIONI DI CARICO

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

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

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

Combinazione fondamentale SLU

$$\gamma G_1 \cdot G_1 + \gamma G_2 \cdot G_2 + \gamma P \cdot P + \gamma Q_1 \cdot Q_{k1} + \gamma Q_2 \cdot \psi_{02} \cdot Q_{k2} + \gamma Q_3 \cdot \psi_{03} \cdot Q_{k3} + \dots$$

Combinazione caratteristica (rara) SLE

$$G_1 + G_2 + P + Q_{k1} + \psi_{02} \cdot Q_{k2} + \psi_{03} \cdot Q_{k3} + \dots$$

Combinazione frequente SLE

$$G_1 + G_2 + P + \psi_{11} \cdot Q_{k1} + \psi_{22} \cdot Q_{k2} + \psi_{23} \cdot Q_{k3} + \dots$$

Combinazione quasi permanente SLE

$$G_1 + G_2 + P + \psi_{21} \cdot Q_{k1} + \psi_{22} \cdot Q_{k2} + \psi_{23} \cdot Q_{k3} + \dots$$

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

$$E + G_1 + G_2 + P + \psi_{21} \cdot Q_{k1} + \psi_{22} \cdot Q_{k2} + \dots$$

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

$$G_1 + G_2 + A_d + P + \psi_{21} \cdot Q_{k1} + \psi_{22} \cdot Q_{k2} + \dots$$

Dove:

NTC 2018 Tabella 2.5.I

Destinazione d'uso/azione	ψ_0	ψ_1	ψ_2
Categoria A residenziali	0,70	0,50	0,30
Categoria B uffici	0,70	0,50	0,30
Categoria C ambienti suscettibili di affollamento	0,70	0,70	0,60
Categoria D ambienti ad uso commerciale	0,70	0,70	0,60
Categoria E biblioteche, archivi, magazzini, ...	1,00	0,90	0,80
Categoria F Rimesse e parcheggi (autoveicoli ≤ 30 kN)	0,70	0,70	0,60
Categoria G Rimesse e parcheggi (autoveicoli > 30 kN)	0,70	0,50	0,30
Categoria H Coperture	0,00	0,00	0,00
Vento	0,60	0,20	0,00
Neve a quota ≤ 1000 m	0,50	0,20	0,00
Neve a quota > 1000 m	0,70	0,50	0,20
Variazioni Termiche	0,60	0,50	0,00

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

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

NTC 2018 Tabella 2.6.I

		Coefficiente γf	EQU	A1	A2
<i>Carichi permanenti</i>	<i>Favorevoli</i>	$\gamma G1$	0,9	1,0	1,0
	<i>Sfavorevoli</i>		1,1	1,3	1,0
<i>Carichi permanenti non strutturali (Non compiutamente definiti)</i>	<i>Favorevoli</i>	$\gamma G2$	0,8	0,8	0,8
	<i>Sfavorevoli</i>		1,5	1,5	1,3
<i>Carichi variabili</i>	<i>Favorevoli</i>	γQi	0,0	0,0	0,0
	<i>Sfavorevoli</i>		1,5	1,5	1,3

Cmb	Tipo	Sigla Id	effetto P-delta
1	SLU	Comb. SLU A1 1	
2	SLU	Comb. SLU A1 2	
3	SLE(r)	Comb. SLE(rara) 3	
4	SLE(f)	Comb. SLE(freq.) 4	
5	SLE(p)	Comb. SLE(perm.) 5	

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

RISULTATI NODALI

LEGENDA RISULTATI NODALI

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

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

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

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

Nodo	Cmb	Traslazione X	Traslazione Y	Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
		cm	cm	cm			
1	1	0.0	0.0	0.0	-1.66e-04	2.77e-05	1.81e-05
1	3	0.0	0.0	0.0	-1.25e-04	2.08e-05	1.36e-05
1	4	0.0	0.0	0.0	-1.08e-04	1.76e-05	1.17e-05
1	5	0.0	0.0	0.0	-1.08e-04	1.76e-05	1.17e-05
2	1	0.0	0.0	0.0	-9.35e-04	2.76e-05	2.29e-05
2	3	0.0	0.0	0.0	-7.05e-04	2.07e-05	1.72e-05
2	4	0.0	0.0	0.0	-6.08e-04	1.75e-05	1.49e-05
2	5	0.0	0.0	0.0	-6.08e-04	1.75e-05	1.49e-05
3	1	0.01	0.03	-0.05	-1.15e-03	-7.53e-05	2.53e-05
3	3	8.69e-03	0.02	-0.04	-8.63e-04	-5.69e-05	1.91e-05
3	4	7.50e-03	0.02	-0.03	-7.44e-04	-4.99e-05	1.64e-05
3	5	7.50e-03	0.02	-0.03	-7.44e-04	-4.99e-05	1.64e-05
4	1	0.03	6.74e-03	-9.16e-03	-1.51e-04	5.38e-04	2.73e-05
4	3	0.02	5.07e-03	-6.90e-03	-1.14e-04	4.06e-04	2.05e-05
4	4	0.02	4.36e-03	-5.96e-03	-9.77e-05	3.51e-04	1.77e-05
4	5	0.02	4.36e-03	-5.96e-03	-9.77e-05	3.51e-04	1.77e-05
5	1	0.0	0.0	0.0	-1.89e-04	8.20e-05	2.87e-05
5	3	0.0	0.0	0.0	-1.42e-04	6.18e-05	2.16e-05
5	4	0.0	0.0	0.0	-1.22e-04	5.35e-05	1.86e-05
5	5	0.0	0.0	0.0	-1.22e-04	5.35e-05	1.86e-05
6	1	0.0	0.0	0.0	2.05e-03	8.19e-05	2.63e-05
6	3	0.0	0.0	0.0	1.54e-03	6.17e-05	1.98e-05
6	4	0.0	0.0	0.0	1.33e-03	5.35e-05	1.70e-05
6	5	0.0	0.0	0.0	1.33e-03	5.35e-05	1.70e-05
7	1	0.0	0.0	0.0	-1.77e-04	-2.92e-04	1.91e-05
7	3	0.0	0.0	0.0	-1.34e-04	-2.21e-04	1.44e-05
7	4	0.0	0.0	0.0	-1.15e-04	-1.93e-04	1.23e-05
7	5	0.0	0.0	0.0	-1.15e-04	-1.93e-04	1.23e-05
8	1	0.0	0.0	0.0	-9.28e-04	-2.94e-04	2.36e-05
8	3	0.0	0.0	0.0	-6.99e-04	-2.22e-04	1.78e-05
8	4	0.0	0.0	0.0	-6.04e-04	-1.94e-04	1.53e-05
8	5	0.0	0.0	0.0	-6.04e-04	-1.94e-04	1.53e-05
9	1	2.29e-03	5.88e-03	-8.89e-03	-1.34e-04	5.62e-05	2.36e-05
9	3	1.72e-03	4.43e-03	-6.69e-03	-1.01e-04	4.23e-05	1.77e-05
9	4	1.49e-03	3.81e-03	-5.75e-03	-8.69e-05	3.66e-05	1.52e-05
9	5	1.49e-03	3.81e-03	-5.75e-03	-8.69e-05	3.66e-05	1.52e-05
10	1	2.29e-03	-0.08	-6.41e-03	1.88e-03	5.63e-05	2.36e-05
10	3	1.72e-03	-0.06	-4.82e-03	1.41e-03	4.24e-05	1.77e-05
10	4	1.49e-03	-0.05	-4.15e-03	1.22e-03	3.67e-05	1.52e-05
10	5	1.49e-03	-0.05	-4.15e-03	1.22e-03	3.67e-05	1.52e-05
11	1	0.0	0.0	0.0	-1.89e-04	6.42e-04	2.80e-05
11	3	0.0	0.0	0.0	-1.42e-04	4.84e-04	2.11e-05
11	4	0.0	0.0	0.0	-1.22e-04	4.19e-04	1.81e-05
11	5	0.0	0.0	0.0	-1.22e-04	4.19e-04	1.81e-05
12	1	0.0	0.0	0.0	2.05e-03	6.38e-04	2.53e-05
12	3	0.0	0.0	0.0	1.54e-03	4.81e-04	1.91e-05



12	4	0.0	0.0	0.0	1.33e-03	4.17e-04	1.64e-05
12	5	0.0	0.0	0.0	1.33e-03	4.17e-04	1.64e-05
13	1	0.0	0.0	0.0	-1.77e-04	-4.92e-04	1.99e-05
13	3	0.0	0.0	0.0	-1.33e-04	-3.71e-04	1.50e-05
13	4	0.0	0.0	0.0	-1.15e-04	-3.23e-04	1.29e-05
13	5	0.0	0.0	0.0	-1.15e-04	-3.23e-04	1.29e-05
14	1	0.0	0.0	0.0	-9.21e-04	-4.95e-04	2.42e-05
14	3	0.0	0.0	0.0	-6.94e-04	-3.73e-04	1.82e-05
14	4	0.0	0.0	0.0	-5.99e-04	-3.25e-04	1.57e-05
14	5	0.0	0.0	0.0	-5.99e-04	-3.25e-04	1.57e-05
15	1	-0.02	7.05e-03	-6.66e-03	-1.75e-04	-2.98e-04	2.08e-05
15	3	-0.01	5.31e-03	-5.02e-03	-1.32e-04	-2.25e-04	1.57e-05
15	4	-0.01	4.58e-03	-4.32e-03	-1.14e-04	-1.95e-04	1.35e-05
15	5	-0.01	4.58e-03	-4.32e-03	-1.14e-04	-1.95e-04	1.35e-05
16	1	-0.02	0.03	-8.52e-03	-5.92e-04	-3.00e-04	2.51e-05
16	3	-0.01	0.02	-6.42e-03	-4.46e-04	-2.26e-04	1.89e-05
16	4	-0.01	0.02	-5.53e-03	-3.85e-04	-1.96e-04	1.63e-05
16	5	-0.01	0.02	-5.53e-03	-3.85e-04	-1.96e-04	1.63e-05
17	1	0.0	0.0	0.0	-1.77e-04	9.03e-04	2.73e-05
17	3	0.0	0.0	0.0	-1.33e-04	6.80e-04	2.05e-05
17	4	0.0	0.0	0.0	-1.15e-04	5.89e-04	1.77e-05
17	5	0.0	0.0	0.0	-1.15e-04	5.89e-04	1.77e-05
18	1	0.0	0.0	0.0	2.05e-03	8.97e-04	2.43e-05
18	3	0.0	0.0	0.0	1.54e-03	6.76e-04	1.83e-05
18	4	0.0	0.0	0.0	1.33e-03	5.86e-04	1.57e-05
18	5	0.0	0.0	0.0	1.33e-03	5.86e-04	1.57e-05
19	1	0.0	0.0	0.0	-1.77e-04	-6.16e-06	2.16e-05
19	3	0.0	0.0	0.0	-1.33e-04	-4.70e-06	1.62e-05
19	4	0.0	0.0	0.0	-1.15e-04	-4.36e-06	1.40e-05
19	5	0.0	0.0	0.0	-1.15e-04	-4.36e-06	1.40e-05
20	1	0.0	0.0	0.0	-9.17e-04	-6.23e-06	2.16e-05
20	3	0.0	0.0	0.0	-6.91e-04	-4.75e-06	1.62e-05
20	4	0.0	0.0	0.0	-5.96e-04	-4.41e-06	1.40e-05
20	5	0.0	0.0	0.0	-5.96e-04	-4.41e-06	1.40e-05
21	1	-3.14e-03	-0.04	-7.13e-03	1.01e-03	-7.75e-05	2.71e-05
21	3	-2.37e-03	-0.03	-5.36e-03	7.58e-04	-5.85e-05	2.04e-05
21	4	-2.05e-03	-0.03	-4.61e-03	6.54e-04	-5.05e-05	1.76e-05
21	5	-2.05e-03	-0.03	-4.61e-03	6.54e-04	-5.05e-05	1.76e-05
22	1	-3.14e-03	-0.03	-9.84e-03	4.77e-04	-7.74e-05	2.71e-05
22	3	-2.37e-03	-0.02	-7.41e-03	3.60e-04	-5.83e-05	2.04e-05
22	4	-2.05e-03	-0.02	-6.37e-03	3.11e-04	-5.04e-05	1.76e-05
22	5	-2.05e-03	-0.02	-6.37e-03	3.11e-04	-5.04e-05	1.76e-05
23	1	0.0	0.0	0.0	-1.65e-04	6.37e-05	2.42e-05
23	3	0.0	0.0	0.0	-1.24e-04	4.80e-05	1.82e-05
23	4	0.0	0.0	0.0	-1.07e-04	4.15e-05	1.57e-05
23	5	0.0	0.0	0.0	-1.07e-04	4.15e-05	1.57e-05
24	1	0.0	0.0	0.0	2.05e-03	6.37e-05	2.42e-05
24	3	0.0	0.0	0.0	1.54e-03	4.80e-05	1.82e-05
24	4	0.0	0.0	0.0	1.33e-03	4.15e-05	1.57e-05
24	5	0.0	0.0	0.0	1.33e-03	4.15e-05	1.57e-05
25	1	0.0	0.0	0.0	-1.77e-04	-1.22e-05	2.17e-05
25	3	0.0	0.0	0.0	-1.33e-04	-9.25e-06	1.64e-05
25	4	0.0	0.0	0.0	-1.15e-04	-8.34e-06	1.41e-05
25	5	0.0	0.0	0.0	-1.15e-04	-8.34e-06	1.41e-05
26	1	0.0	0.0	0.0	-9.17e-04	-1.23e-05	2.17e-05
26	3	0.0	0.0	0.0	-6.91e-04	-9.30e-06	1.64e-05
26	4	0.0	0.0	0.0	-5.97e-04	-8.39e-06	1.41e-05
26	5	0.0	0.0	0.0	-5.97e-04	-8.39e-06	1.41e-05
27	1	0.02	5.47e-03	-8.12e-03	-1.26e-04	3.48e-04	2.57e-05
27	3	0.02	4.12e-03	-6.11e-03	-9.48e-05	2.63e-04	1.93e-05
27	4	0.01	3.54e-03	-5.27e-03	-8.15e-05	2.27e-04	1.66e-05
27	5	0.01	3.54e-03	-5.27e-03	-8.15e-05	2.27e-04	1.66e-05
28	1	0.02	-0.08	-6.67e-03	1.88e-03	3.46e-04	2.17e-05
28	3	0.02	-0.06	-5.02e-03	1.42e-03	2.61e-04	1.63e-05
28	4	0.01	-0.05	-4.32e-03	1.22e-03	2.25e-04	1.40e-05
28	5	0.01	-0.05	-4.32e-03	1.22e-03	2.25e-04	1.40e-05
29	1	0.0	0.0	0.0	-1.53e-04	5.77e-05	2.36e-05
29	3	0.0	0.0	0.0	-1.16e-04	4.35e-05	1.77e-05
29	4	0.0	0.0	0.0	-9.93e-05	3.76e-05	1.52e-05
29	5	0.0	0.0	0.0	-9.93e-05	3.76e-05	1.52e-05
30	1	0.0	0.0	0.0	2.05e-03	5.77e-05	2.36e-05
30	3	0.0	0.0	0.0	1.54e-03	4.34e-05	1.77e-05
30	4	0.0	0.0	0.0	1.33e-03	3.76e-05	1.52e-05
30	5	0.0	0.0	0.0	1.33e-03	3.76e-05	1.52e-05
31	1	0.0	0.0	0.0	-1.77e-04	-5.01e-04	2.08e-05
31	3	0.0	0.0	0.0	-1.33e-04	-3.77e-04	1.57e-05
31	4	0.0	0.0	0.0	-1.15e-04	-3.27e-04	1.35e-05

31	5	0.0	0.0	0.0	-1.15e-04	-3.27e-04	1.35e-05
32	1	0.0	0.0	0.0	-9.22e-04	-5.04e-04	2.51e-05
32	3	0.0	0.0	0.0	-6.95e-04	-3.80e-04	1.89e-05
32	4	0.0	0.0	0.0	-6.00e-04	-3.29e-04	1.63e-05
32	5	0.0	0.0	0.0	-6.00e-04	-3.29e-04	1.63e-05
33	1	-0.03	7.04e-03	-6.74e-03	-1.75e-04	-5.10e-04	2.00e-05
33	3	-0.02	5.31e-03	-5.08e-03	-1.32e-04	-3.84e-04	1.51e-05
33	4	-0.02	4.58e-03	-4.37e-03	-1.14e-04	-3.30e-04	1.30e-05
33	5	-0.02	4.58e-03	-4.37e-03	-1.14e-04	-3.30e-04	1.30e-05
34	1	-0.03	0.03	-9.68e-03	-5.87e-04	-5.14e-04	2.48e-05
34	3	-0.02	0.02	-7.29e-03	-4.42e-04	-3.87e-04	1.87e-05
34	4	-0.02	0.02	-6.28e-03	-3.82e-04	-3.32e-04	1.61e-05
34	5	-0.02	0.02	-6.28e-03	-3.82e-04	-3.32e-04	1.61e-05
35	1	0.0	0.0	0.0	-1.42e-04	5.80e-04	2.57e-05
35	3	0.0	0.0	0.0	-1.07e-04	4.37e-04	1.93e-05
35	4	0.0	0.0	0.0	-9.20e-05	3.77e-04	1.66e-05
35	5	0.0	0.0	0.0	-9.20e-05	3.77e-04	1.66e-05
36	1	0.0	0.0	0.0	2.05e-03	5.77e-04	2.17e-05
36	3	0.0	0.0	0.0	1.54e-03	4.35e-04	1.63e-05
36	4	0.0	0.0	0.0	1.33e-03	3.75e-04	1.40e-05
36	5	0.0	0.0	0.0	1.33e-03	3.75e-04	1.40e-05
37	1	0.0	0.0	0.0	-1.77e-04	-8.59e-04	2.00e-05
37	3	0.0	0.0	0.0	-1.33e-04	-6.47e-04	1.51e-05
37	4	0.0	0.0	0.0	-1.15e-04	-5.55e-04	1.30e-05
37	5	0.0	0.0	0.0	-1.15e-04	-5.55e-04	1.30e-05
38	1	0.0	0.0	0.0	-9.15e-04	-8.64e-04	2.48e-05
38	3	0.0	0.0	0.0	-6.89e-04	-6.50e-04	1.87e-05
38	4	0.0	0.0	0.0	-5.95e-04	-5.59e-04	1.61e-05
38	5	0.0	0.0	0.0	-5.95e-04	-5.59e-04	1.61e-05
39	1	-9.75e-05	7.11e-04	-9.10e-03	1.38e-05	-3.20e-06	2.61e-05
39	3	-7.19e-05	5.34e-04	-6.85e-03	1.04e-05	-2.38e-06	1.96e-05
39	4	-4.80e-05	4.42e-04	-5.89e-03	9.38e-06	-1.71e-06	1.69e-05
39	5	-4.80e-05	4.42e-04	-5.89e-03	9.38e-06	-1.71e-06	1.69e-05
40	1	-9.74e-05	-0.08	-6.38e-03	1.92e-03	-3.05e-06	2.61e-05
40	3	-7.18e-05	-0.06	-4.81e-03	1.45e-03	-2.26e-06	1.96e-05
40	4	-4.80e-05	-0.05	-4.13e-03	1.25e-03	-1.61e-06	1.69e-05
40	5	-4.80e-05	-0.05	-4.13e-03	1.25e-03	-1.61e-06	1.69e-05
41	1	0.0	0.0	0.0	-1.26e-04	8.85e-04	2.57e-05
41	3	0.0	0.0	0.0	-9.50e-05	6.67e-04	1.93e-05
41	4	0.0	0.0	0.0	-8.15e-05	5.77e-04	1.67e-05
41	5	0.0	0.0	0.0	-8.15e-05	5.77e-04	1.67e-05
42	1	0.0	0.0	0.0	2.05e-03	8.80e-04	2.13e-05
42	3	0.0	0.0	0.0	1.54e-03	6.63e-04	1.60e-05
42	4	0.0	0.0	0.0	1.33e-03	5.74e-04	1.38e-05
42	5	0.0	0.0	0.0	1.33e-03	5.74e-04	1.38e-05
43	1	0.0	0.0	0.0	-1.77e-04	-3.40e-05	2.17e-05
43	3	0.0	0.0	0.0	-1.33e-04	-2.57e-05	1.63e-05
43	4	0.0	0.0	0.0	-1.15e-04	-2.24e-05	1.41e-05
43	5	0.0	0.0	0.0	-1.15e-04	-2.24e-05	1.41e-05
44	1	0.0	0.0	0.0	-9.10e-04	-3.41e-05	2.17e-05
44	3	0.0	0.0	0.0	-6.86e-04	-2.57e-05	1.63e-05
44	4	0.0	0.0	0.0	-5.92e-04	-2.25e-05	1.41e-05
44	5	0.0	0.0	0.0	-5.92e-04	-2.25e-05	1.41e-05
45	1	0.03	4.84e-03	-0.01	-1.11e-04	5.22e-04	2.57e-05
45	3	0.02	3.64e-03	-7.75e-03	-8.33e-05	3.93e-04	1.93e-05
45	4	0.02	3.13e-03	-6.68e-03	-7.16e-05	3.40e-04	1.67e-05
45	5	0.02	3.13e-03	-6.68e-03	-7.16e-05	3.40e-04	1.67e-05
46	1	0.03	-0.08	-6.56e-03	1.88e-03	5.18e-04	2.13e-05
46	3	0.02	-0.06	-4.94e-03	1.42e-03	3.90e-04	1.60e-05
46	4	0.02	-0.05	-4.25e-03	1.22e-03	3.38e-04	1.38e-05
46	5	0.02	-0.05	-4.25e-03	1.22e-03	3.38e-04	1.38e-05
47	1	0.0	0.0	0.0	-1.10e-04	3.77e-05	2.24e-05
47	3	0.0	0.0	0.0	-8.31e-05	2.84e-05	1.68e-05
47	4	0.0	0.0	0.0	-7.12e-05	2.46e-05	1.45e-05
47	5	0.0	0.0	0.0	-7.12e-05	2.46e-05	1.45e-05
48	1	0.0	0.0	0.0	2.05e-03	3.76e-05	2.24e-05
48	3	0.0	0.0	0.0	1.54e-03	2.83e-05	1.68e-05
48	4	0.0	0.0	0.0	1.33e-03	2.46e-05	1.45e-05
48	5	0.0	0.0	0.0	1.33e-03	2.46e-05	1.45e-05
49	1	0.0	0.0	0.0	-1.76e-04	-3.82e-05	2.20e-05
49	3	0.0	0.0	0.0	-1.33e-04	-2.89e-05	1.65e-05
49	4	0.0	0.0	0.0	-1.15e-04	-2.52e-05	1.43e-05
49	5	0.0	0.0	0.0	-1.15e-04	-2.52e-05	1.43e-05
50	1	0.0	0.0	0.0	-9.10e-04	-3.83e-05	2.20e-05
50	3	0.0	0.0	0.0	-6.86e-04	-2.89e-05	1.65e-05
50	4	0.0	0.0	0.0	-5.92e-04	-2.53e-05	1.43e-05
50	5	0.0	0.0	0.0	-5.92e-04	-2.53e-05	1.43e-05

51	1	-1.35e-03	7.04e-03	-6.46e-03	-1.75e-04	-3.29e-05	2.17e-05
51	3	-1.02e-03	5.30e-03	-4.86e-03	-1.32e-04	-2.48e-05	1.63e-05
51	4	-8.88e-04	4.58e-03	-4.18e-03	-1.14e-04	-2.17e-05	1.41e-05
51	5	-8.88e-04	4.58e-03	-4.18e-03	-1.14e-04	-2.17e-05	1.41e-05
52	1	-1.35e-03	0.03	-9.07e-03	-5.86e-04	-3.28e-05	2.17e-05
52	3	-1.02e-03	0.02	-6.83e-03	-4.41e-04	-2.47e-05	1.63e-05
52	4	-8.88e-04	0.02	-5.87e-03	-3.81e-04	-2.16e-05	1.41e-05
52	5	-8.88e-04	0.02	-5.87e-03	-3.81e-04	-2.16e-05	1.41e-05
53	1	0.0	0.0	0.0	-9.50e-05	3.32e-05	2.28e-05
53	3	0.0	0.0	0.0	-7.15e-05	2.50e-05	1.71e-05
53	4	0.0	0.0	0.0	-6.13e-05	2.17e-05	1.48e-05
53	5	0.0	0.0	0.0	-6.13e-05	2.17e-05	1.48e-05
54	1	0.0	0.0	0.0	2.05e-03	3.31e-05	2.28e-05
54	3	0.0	0.0	0.0	1.54e-03	2.49e-05	1.71e-05
54	4	0.0	0.0	0.0	1.33e-03	2.16e-05	1.48e-05
54	5	0.0	0.0	0.0	1.33e-03	2.16e-05	1.48e-05
55	1	0.0	0.0	0.0	-1.76e-04	-6.63e-04	2.17e-05
55	3	0.0	0.0	0.0	-1.33e-04	-4.99e-04	1.63e-05
55	4	0.0	0.0	0.0	-1.15e-04	-4.31e-04	1.41e-05
55	5	0.0	0.0	0.0	-1.15e-04	-4.31e-04	1.41e-05
56	1	0.0	0.0	0.0	-9.15e-04	-6.66e-04	2.53e-05
56	3	0.0	0.0	0.0	-6.90e-04	-5.02e-04	1.90e-05
56	4	0.0	0.0	0.0	-5.96e-04	-4.33e-04	1.64e-05
56	5	0.0	0.0	0.0	-5.96e-04	-4.33e-04	1.64e-05
57	1	-0.03	-0.04	-7.09e-03	1.00e-03	-4.77e-04	2.81e-05
57	3	-0.02	-0.03	-5.34e-03	7.56e-04	-3.60e-04	2.12e-05
57	4	-0.02	-0.03	-4.61e-03	6.52e-04	-3.12e-04	1.82e-05
57	5	-0.02	-0.03	-4.61e-03	6.52e-04	-3.12e-04	1.82e-05
58	1	-0.03	-0.03	-8.58e-03	4.72e-04	-4.80e-04	2.79e-05
58	3	-0.02	-0.02	-6.46e-03	3.56e-04	-3.62e-04	2.10e-05
58	4	-0.02	-0.02	-5.59e-03	3.08e-04	-3.14e-04	1.81e-05
58	5	-0.02	-0.02	-5.59e-03	3.08e-04	-3.14e-04	1.81e-05
59	1	0.0	0.0	0.0	-8.02e-05	4.41e-04	2.59e-05
59	3	0.0	0.0	0.0	-6.04e-05	3.33e-04	1.95e-05
59	4	0.0	0.0	0.0	-5.16e-05	2.87e-04	1.68e-05
59	5	0.0	0.0	0.0	-5.16e-05	2.87e-04	1.68e-05
60	1	0.0	0.0	0.0	2.05e-03	4.39e-04	2.25e-05
60	3	0.0	0.0	0.0	1.54e-03	3.31e-04	1.69e-05
60	4	0.0	0.0	0.0	1.33e-03	2.86e-04	1.46e-05
60	5	0.0	0.0	0.0	1.33e-03	2.86e-04	1.46e-05
61	1	0.0	0.0	0.0	-1.76e-04	-7.38e-04	2.34e-05
61	3	0.0	0.0	0.0	-1.33e-04	-5.56e-04	1.76e-05
61	4	0.0	0.0	0.0	-1.15e-04	-4.80e-04	1.52e-05
61	5	0.0	0.0	0.0	-1.15e-04	-4.80e-04	1.52e-05
62	1	0.0	0.0	0.0	-9.12e-04	-7.43e-04	2.58e-05
62	3	0.0	0.0	0.0	-6.87e-04	-5.59e-04	1.95e-05
62	4	0.0	0.0	0.0	-5.93e-04	-4.83e-04	1.68e-05
62	5	0.0	0.0	0.0	-5.93e-04	-4.83e-04	1.68e-05
63	1	1.49e-03	4.21e-03	-9.12e-03	-9.54e-05	3.63e-05	2.24e-05
63	3	1.12e-03	3.17e-03	-6.86e-03	-7.18e-05	2.73e-05	1.68e-05
63	4	9.74e-04	2.72e-03	-5.90e-03	-6.16e-05	2.37e-05	1.45e-05
63	5	9.74e-04	2.72e-03	-5.90e-03	-6.16e-05	2.37e-05	1.45e-05
64	1	1.49e-03	-0.08	-6.41e-03	1.89e-03	3.64e-05	2.24e-05
64	3	1.12e-03	-0.06	-4.83e-03	1.42e-03	2.75e-05	1.68e-05
64	4	9.74e-04	-0.05	-4.15e-03	1.23e-03	2.38e-05	1.45e-05
64	5	9.74e-04	-0.05	-4.15e-03	1.23e-03	2.38e-05	1.45e-05
65	1	0.0	0.0	0.0	-6.71e-05	8.96e-04	2.61e-05
65	3	0.0	0.0	0.0	-5.05e-05	6.75e-04	1.97e-05
65	4	0.0	0.0	0.0	-4.31e-05	5.82e-04	1.69e-05
65	5	0.0	0.0	0.0	-4.31e-05	5.82e-04	1.69e-05
66	1	0.0	0.0	0.0	2.05e-03	8.91e-04	2.38e-05
66	3	0.0	0.0	0.0	1.54e-03	6.71e-04	1.79e-05
66	4	0.0	0.0	0.0	1.33e-03	5.78e-04	1.54e-05
66	5	0.0	0.0	0.0	1.33e-03	5.78e-04	1.54e-05
67	1	-2.36e-04	0.03	-8.77e-03	-5.88e-04	-5.25e-06	2.16e-05
67	3	-1.80e-04	0.02	-6.60e-03	-4.43e-04	-4.02e-06	1.62e-05
67	4	-1.68e-04	0.02	-5.67e-03	-3.83e-04	-3.76e-06	1.40e-05
67	5	-1.68e-04	0.02	-5.67e-03	-3.83e-04	-3.76e-06	1.40e-05
68	1	0.03	-2.67e-04	-0.01	5.46e-05	5.56e-04	2.54e-05
68	3	0.02	-2.02e-04	-0.01	4.12e-05	4.19e-04	1.91e-05
68	4	0.02	-1.94e-04	-9.63e-03	3.60e-05	3.62e-04	1.64e-05
68	5	0.02	-1.94e-04	-9.63e-03	3.60e-05	3.62e-04	1.64e-05
69	1	-1.51e-03	7.04e-03	-6.58e-03	-1.75e-04	-3.71e-05	2.20e-05
69	3	-1.14e-03	5.30e-03	-4.95e-03	-1.32e-04	-2.80e-05	1.65e-05
69	4	-9.99e-04	4.57e-03	-4.25e-03	-1.14e-04	-2.45e-05	1.43e-05
69	5	-9.99e-04	4.57e-03	-4.25e-03	-1.14e-04	-2.45e-05	1.43e-05
70	1	-1.51e-03	0.03	-9.12e-03	-5.86e-04	-3.70e-05	2.20e-05

70	3	-1.14e-03	0.02	-6.87e-03	-4.42e-04	-2.79e-05	1.65e-05
70	4	-9.99e-04	0.02	-5.90e-03	-3.81e-04	-2.44e-05	1.43e-05
70	5	-9.99e-04	0.02	-5.90e-03	-3.81e-04	-2.44e-05	1.43e-05
71	1	0.03	-0.08	-9.00e-03	1.93e-03	5.52e-04	2.46e-05
71	3	0.02	-0.06	-6.78e-03	1.46e-03	4.16e-04	1.85e-05
71	4	0.02	-0.05	-5.86e-03	1.26e-03	3.59e-04	1.60e-05
71	5	0.02	-0.05	-5.86e-03	1.26e-03	3.59e-04	1.60e-05
72	1	2.53e-03	6.30e-03	-8.82e-03	-1.42e-04	6.21e-05	2.42e-05
72	3	1.90e-03	4.75e-03	-6.64e-03	-1.07e-04	4.67e-05	1.82e-05
72	4	1.65e-03	4.08e-03	-5.71e-03	-9.23e-05	4.04e-05	1.57e-05
72	5	1.65e-03	4.08e-03	-5.71e-03	-9.23e-05	4.04e-05	1.57e-05
73	1	0.03	-0.08	-6.46e-03	1.87e-03	5.35e-04	2.43e-05
73	3	0.02	-0.06	-4.87e-03	1.41e-03	4.03e-04	1.83e-05
73	4	0.02	-0.05	-4.20e-03	1.22e-03	3.49e-04	1.57e-05
73	5	0.02	-0.05	-4.20e-03	1.22e-03	3.49e-04	1.57e-05
74	1	-2.36e-04	7.05e-03	-6.28e-03	-1.75e-04	-5.39e-06	2.16e-05
74	3	-1.80e-04	5.31e-03	-4.73e-03	-1.32e-04	-4.12e-06	1.62e-05
74	4	-1.68e-04	4.58e-03	-4.06e-03	-1.14e-04	-3.86e-06	1.40e-05
74	5	-1.68e-04	4.58e-03	-4.06e-03	-1.14e-04	-3.86e-06	1.40e-05
75	1	1.31e-03	3.60e-03	-8.92e-03	-8.01e-05	3.18e-05	2.28e-05
75	3	9.85e-04	2.71e-03	-6.72e-03	-6.03e-05	2.39e-05	1.71e-05
75	4	8.54e-04	2.32e-03	-5.77e-03	-5.17e-05	2.08e-05	1.48e-05
75	5	8.54e-04	2.32e-03	-5.77e-03	-5.17e-05	2.08e-05	1.48e-05
76	1	1.31e-03	-0.08	-6.36e-03	1.89e-03	3.20e-05	2.28e-05
76	3	9.85e-04	-0.06	-4.79e-03	1.42e-03	2.41e-05	1.71e-05
76	4	8.54e-04	-0.05	-4.12e-03	1.23e-03	2.09e-05	1.48e-05
76	5	8.54e-04	-0.05	-4.12e-03	1.23e-03	2.09e-05	1.48e-05
77	1	-0.02	7.04e-03	-7.13e-03	-1.75e-04	-3.96e-04	2.17e-05
77	3	-0.02	5.30e-03	-5.37e-03	-1.32e-04	-2.98e-04	1.63e-05
77	4	-0.01	4.57e-03	-4.63e-03	-1.14e-04	-2.57e-04	1.41e-05
77	5	-0.01	4.57e-03	-4.63e-03	-1.14e-04	-2.57e-04	1.41e-05
78	1	-0.02	0.03	-9.17e-03	-5.88e-04	-3.99e-04	2.53e-05
78	3	-0.02	0.02	-6.91e-03	-4.43e-04	-3.00e-04	1.90e-05
78	4	-0.02	0.02	-5.95e-03	-3.83e-04	-2.59e-04	1.64e-05
78	5	-0.02	0.02	-5.95e-03	-3.83e-04	-2.59e-04	1.64e-05
79	1	0.0	0.0	0.0	1.15e-03	-7.91e-05	2.71e-05
79	3	0.0	0.0	0.0	8.66e-04	-5.96e-05	2.04e-05
79	4	0.0	0.0	0.0	7.47e-04	-5.15e-05	1.76e-05
79	5	0.0	0.0	0.0	7.47e-04	-5.15e-05	1.76e-05
80	1	0.0	0.0	0.0	7.41e-04	-7.91e-05	2.71e-05
80	3	0.0	0.0	0.0	5.59e-04	-5.97e-05	2.04e-05
80	4	0.0	0.0	0.0	4.83e-04	-5.16e-05	1.76e-05
80	5	0.0	0.0	0.0	4.83e-04	-5.16e-05	1.76e-05
81	1	0.01	2.03e-04	-8.87e-03	3.34e-05	1.74e-04	2.61e-05
81	3	7.77e-03	1.52e-04	-6.68e-03	2.52e-05	1.31e-04	1.96e-05
81	4	6.79e-03	1.12e-04	-5.78e-03	2.21e-05	1.14e-04	1.69e-05
81	5	6.79e-03	1.12e-04	-5.78e-03	2.21e-05	1.14e-04	1.69e-05
82	1	0.01	-0.08	-6.78e-03	1.93e-03	1.73e-04	2.55e-05
82	3	7.72e-03	-0.06	-5.11e-03	1.45e-03	1.30e-04	1.92e-05
82	4	6.75e-03	-0.05	-4.41e-03	1.25e-03	1.14e-04	1.66e-05
82	5	6.75e-03	-0.05	-4.41e-03	1.25e-03	1.14e-04	1.66e-05
83	1	0.0	0.0	0.0	-3.35e-05	-2.05e-06	2.61e-05
83	3	0.0	0.0	0.0	-2.52e-05	-1.51e-06	1.96e-05
83	4	0.0	0.0	0.0	-2.13e-05	0.0	1.69e-05
83	5	0.0	0.0	0.0	-2.13e-05	0.0	1.69e-05
84	1	0.0	0.0	0.0	2.05e-03	-2.13e-06	2.61e-05
84	3	0.0	0.0	0.0	1.54e-03	-1.56e-06	1.96e-05
84	4	0.0	0.0	0.0	1.33e-03	0.0	1.69e-05
84	5	0.0	0.0	0.0	1.33e-03	0.0	1.69e-05
85	1	-0.04	0.14	-0.15	4.31e-05	-3.41e-05	2.46e-05
85	3	-0.03	0.10	-0.11	3.08e-05	-2.57e-05	1.85e-05
85	4	-0.02	0.09	-0.10	2.43e-05	-2.17e-05	1.60e-05
85	5	-0.02	0.09	-0.10	2.43e-05	-2.17e-05	1.60e-05
86	1	-0.02	0.12	-0.14	2.74e-05	-1.68e-05	3.05e-05
86	3	-0.01	0.09	-0.10	2.08e-05	-1.25e-05	2.30e-05
86	4	-0.01	0.08	-0.09	1.66e-05	-1.05e-05	1.98e-05
86	5	-0.01	0.08	-0.09	1.66e-05	-1.05e-05	1.98e-05
87	1	0.02	3.00e-03	-8.03e-03	-6.47e-05	2.64e-04	2.59e-05
87	3	0.01	2.26e-03	-6.05e-03	-4.87e-05	1.99e-04	1.95e-05
87	4	9.95e-03	1.93e-03	-5.21e-03	-4.17e-05	1.72e-04	1.68e-05
87	5	9.95e-03	1.93e-03	-5.21e-03	-4.17e-05	1.72e-04	1.68e-05
88	1	0.02	-0.08	-6.52e-03	1.90e-03	2.62e-04	2.25e-05
88	3	0.01	-0.06	-4.91e-03	1.43e-03	1.97e-04	1.69e-05
88	4	9.89e-03	-0.05	-4.23e-03	1.23e-03	1.70e-04	1.46e-05
88	5	9.89e-03	-0.05	-4.23e-03	1.23e-03	1.70e-04	1.46e-05
89	1	-0.02	0.13	-0.18	1.12e-05	-1.18e-05	2.95e-05
89	3	-0.01	0.10	-0.14	8.69e-06	-8.69e-06	2.22e-05

89	4	-0.01	0.08	-0.12	6.41e-06	-7.30e-06	1.91e-05
89	5	-0.01	0.08	-0.12	6.41e-06	-7.30e-06	1.91e-05
90	1	8.19e-03	0.13	-0.23	-2.71e-05	3.47e-05	2.51e-05
90	3	6.20e-03	0.10	-0.17	-2.04e-05	2.62e-05	1.89e-05
90	4	5.28e-03	0.09	-0.15	-1.73e-05	2.23e-05	1.63e-05
90	5	5.28e-03	0.09	-0.15	-1.73e-05	2.23e-05	1.63e-05
91	1	0.0	0.0	0.0	1.15e-03	-1.31e-03	2.94e-05
91	3	0.0	0.0	0.0	8.67e-04	-9.84e-04	2.21e-05
91	4	0.0	0.0	0.0	7.49e-04	-8.50e-04	1.91e-05
91	5	0.0	0.0	0.0	7.49e-04	-8.50e-04	1.91e-05
92	1	0.0	0.0	0.0	7.56e-04	-1.31e-03	2.87e-05
92	3	0.0	0.0	0.0	5.69e-04	-9.90e-04	2.16e-05
92	4	0.0	0.0	0.0	4.92e-04	-8.55e-04	1.86e-05
92	5	0.0	0.0	0.0	4.92e-04	-8.55e-04	1.86e-05
93	1	-0.03	7.04e-03	-8.57e-03	-1.75e-04	-4.39e-04	2.34e-05
93	3	-0.02	5.30e-03	-6.45e-03	-1.32e-04	-3.31e-04	1.76e-05
93	4	-0.02	4.57e-03	-5.55e-03	-1.14e-04	-2.86e-04	1.52e-05
93	5	-0.02	4.57e-03	-5.55e-03	-1.14e-04	-2.86e-04	1.52e-05
94	1	-0.03	0.03	-0.01	-5.84e-04	-4.42e-04	2.58e-05
94	3	-0.02	0.02	-8.43e-03	-4.40e-04	-3.33e-04	1.95e-05
94	4	-0.02	0.02	-7.26e-03	-3.80e-04	-2.88e-04	1.68e-05
94	5	-0.02	0.02	-7.26e-03	-3.80e-04	-2.88e-04	1.68e-05
95	1	0.0	0.0	0.0	-1.73e-05	9.55e-04	2.54e-05
95	3	0.0	0.0	0.0	-1.30e-05	7.20e-04	1.91e-05
95	4	0.0	0.0	0.0	-1.07e-05	6.21e-04	1.64e-05
95	5	0.0	0.0	0.0	-1.07e-05	6.21e-04	1.64e-05
96	1	0.0	0.0	0.0	2.04e-03	9.50e-04	2.46e-05
96	3	0.0	0.0	0.0	1.54e-03	7.15e-04	1.85e-05
96	4	0.0	0.0	0.0	1.33e-03	6.18e-04	1.60e-05
96	5	0.0	0.0	0.0	1.33e-03	6.18e-04	1.60e-05
97	1	0.0	0.0	0.0	1.15e-03	-1.97e-05	2.64e-05
97	3	0.0	0.0	0.0	8.64e-04	-1.48e-05	1.99e-05
97	4	0.0	0.0	0.0	7.46e-04	-1.26e-05	1.71e-05
97	5	0.0	0.0	0.0	7.46e-04	-1.26e-05	1.71e-05
98	1	0.0	0.0	0.0	7.35e-04	-1.98e-05	2.64e-05
98	3	0.0	0.0	0.0	5.54e-04	-1.49e-05	1.99e-05
98	4	0.0	0.0	0.0	4.79e-04	-1.27e-05	1.71e-05
98	5	0.0	0.0	0.0	4.79e-04	-1.27e-05	1.71e-05
99	1	-0.05	-0.04	-9.85e-03	1.00e-03	-7.76e-04	2.94e-05
99	3	-0.03	-0.03	-7.42e-03	7.54e-04	-5.85e-04	2.21e-05
99	4	-0.03	-0.03	-6.41e-03	6.51e-04	-5.05e-04	1.91e-05
99	5	-0.03	-0.03	-6.41e-03	6.51e-04	-5.05e-04	1.91e-05
100	1	-0.05	-0.03	-0.01	4.82e-04	-7.82e-04	2.87e-05
100	3	-0.03	-0.02	-0.01	3.63e-04	-5.89e-04	2.16e-05
100	4	-0.03	-0.02	-9.06e-03	3.14e-04	-5.09e-04	1.86e-05
100	5	-0.03	-0.02	-9.06e-03	3.14e-04	-5.09e-04	1.86e-05
101	1	0.0	0.0	0.0	-4.39e-05	5.15e-05	2.58e-05
101	3	0.0	0.0	0.0	-3.30e-05	3.89e-05	1.94e-05
101	4	0.0	0.0	0.0	-2.80e-05	3.39e-05	1.67e-05
101	5	0.0	0.0	0.0	-2.80e-05	3.39e-05	1.67e-05
102	1	0.0	0.0	0.0	2.05e-03	5.14e-05	2.58e-05
102	3	0.0	0.0	0.0	1.54e-03	3.88e-05	1.94e-05
102	4	0.0	0.0	0.0	1.33e-03	3.39e-05	1.67e-05
102	5	0.0	0.0	0.0	1.33e-03	3.39e-05	1.67e-05
103	1	1.11e-03	7.07e-03	-4.34e-03	-1.99e-04	2.79e-05	1.81e-05
103	3	8.33e-04	5.33e-03	-3.27e-03	-1.50e-04	2.09e-05	1.36e-05
103	4	7.05e-04	4.60e-03	-2.83e-03	-1.29e-04	1.77e-05	1.17e-05
103	5	7.05e-04	4.60e-03	-2.83e-03	-1.29e-04	1.77e-05	1.17e-05
104	1	1.11e-03	0.03	-6.25e-03	-5.68e-04	2.80e-05	2.29e-05
104	3	8.33e-04	0.02	-4.71e-03	-4.28e-04	2.10e-05	1.72e-05
104	4	7.05e-04	0.02	-4.07e-03	-3.70e-04	1.78e-05	1.49e-05
104	5	7.05e-04	0.02	-4.07e-03	-3.70e-04	1.78e-05	1.49e-05
105	1	0.03	2.40e-03	-0.01	-4.57e-05	5.30e-04	2.61e-05
105	3	0.02	1.81e-03	-7.70e-03	-3.44e-05	3.99e-04	1.97e-05
105	4	0.02	1.54e-03	-6.63e-03	-2.93e-05	3.44e-04	1.69e-05
105	5	0.02	1.54e-03	-6.63e-03	-2.93e-05	3.44e-04	1.69e-05
106	1	0.03	-0.08	-6.77e-03	1.90e-03	5.26e-04	2.38e-05
106	3	0.02	-0.06	-5.10e-03	1.43e-03	3.96e-04	1.79e-05
106	4	0.02	-0.05	-4.39e-03	1.23e-03	3.42e-04	1.54e-05
106	5	0.02	-0.05	-4.39e-03	1.23e-03	3.42e-04	1.54e-05
107	1	3.26e-03	7.17e-03	-6.23e-03	-1.60e-04	8.03e-05	2.87e-05
107	3	2.45e-03	5.40e-03	-4.69e-03	-1.21e-04	6.05e-05	2.16e-05
107	4	2.12e-03	4.64e-03	-4.06e-03	-1.04e-04	5.24e-05	1.86e-05
107	5	2.12e-03	4.64e-03	-4.06e-03	-1.04e-04	5.24e-05	1.86e-05
108	1	3.26e-03	-0.08	-4.34e-03	1.87e-03	8.04e-05	2.63e-05
108	3	2.45e-03	-0.06	-3.27e-03	1.41e-03	6.06e-05	1.98e-05
108	4	2.12e-03	-0.05	-2.83e-03	1.22e-03	5.25e-05	1.70e-05

108	5	2.12e-03	-0.05	-2.83e-03	1.22e-03	5.25e-05	1.70e-05
109	1	-0.01	7.07e-03	-5.60e-03	-1.75e-04	-1.72e-04	1.91e-05
109	3	-7.61e-03	5.32e-03	-4.22e-03	-1.32e-04	-1.30e-04	1.44e-05
109	4	-6.65e-03	4.59e-03	-3.65e-03	-1.14e-04	-1.13e-04	1.23e-05
109	5	-6.65e-03	4.59e-03	-3.65e-03	-1.14e-04	-1.13e-04	1.23e-05
110	1	-0.01	0.03	-7.29e-03	-5.94e-04	-1.73e-04	2.36e-05
110	3	-7.66e-03	0.02	-5.49e-03	-4.47e-04	-1.31e-04	1.78e-05
110	4	-6.70e-03	0.02	-4.76e-03	-3.86e-04	-1.14e-04	1.53e-05
110	5	-6.70e-03	0.02	-4.76e-03	-3.86e-04	-1.14e-04	1.53e-05
111	1	2.53e-03	-0.08	-6.31e-03	1.87e-03	6.22e-05	2.42e-05
111	3	1.90e-03	-0.06	-4.75e-03	1.41e-03	4.69e-05	1.82e-05
111	4	1.65e-03	-0.05	-4.08e-03	1.22e-03	4.05e-05	1.57e-05
111	5	1.65e-03	-0.05	-4.08e-03	1.22e-03	4.05e-05	1.57e-05
112	1	-4.76e-04	7.05e-03	-6.39e-03	-1.75e-04	-1.13e-05	2.17e-05
112	3	-3.61e-04	5.31e-03	-4.81e-03	-1.32e-04	-8.61e-06	1.64e-05
112	4	-3.26e-04	4.58e-03	-4.13e-03	-1.14e-04	-7.78e-06	1.41e-05
112	5	-3.26e-04	4.58e-03	-4.13e-03	-1.14e-04	-7.78e-06	1.41e-05
113	1	0.02	7.18e-03	-6.68e-03	-1.61e-04	3.87e-04	2.80e-05
113	3	0.02	5.41e-03	-5.03e-03	-1.21e-04	2.92e-04	2.11e-05
113	4	0.01	4.65e-03	-4.36e-03	-1.04e-04	2.53e-04	1.81e-05
113	5	0.01	4.65e-03	-4.36e-03	-1.04e-04	2.53e-04	1.81e-05
114	1	0.02	-0.08	-5.67e-03	1.87e-03	3.85e-04	2.53e-05
114	3	0.02	-0.06	-4.27e-03	1.41e-03	2.90e-04	1.91e-05
114	4	0.01	-0.05	-3.69e-03	1.22e-03	2.51e-04	1.64e-05
114	5	0.01	-0.05	-3.69e-03	1.22e-03	2.51e-04	1.64e-05
115	1	-0.02	7.06e-03	-6.29e-03	-1.75e-04	-2.90e-04	1.99e-05
115	3	-0.01	5.32e-03	-4.74e-03	-1.32e-04	-2.18e-04	1.50e-05
115	4	-0.01	4.59e-03	-4.09e-03	-1.14e-04	-1.90e-04	1.29e-05
115	5	-0.01	4.59e-03	-4.09e-03	-1.14e-04	-1.90e-04	1.29e-05
116	1	-0.02	0.03	-8.88e-03	-5.89e-04	-2.92e-04	2.42e-05
116	3	-0.01	0.02	-6.69e-03	-4.44e-04	-2.20e-04	1.82e-05
116	4	-0.01	0.02	-5.78e-03	-3.83e-04	-1.91e-04	1.57e-05
116	5	-0.01	0.02	-5.78e-03	-3.83e-04	-1.91e-04	1.57e-05
117	1	-4.76e-04	0.03	-8.90e-03	-5.89e-04	-1.12e-05	2.17e-05
117	3	-3.61e-04	0.02	-6.70e-03	-4.44e-04	-8.50e-06	1.64e-05
117	4	-3.26e-04	0.02	-5.76e-03	-3.83e-04	-7.69e-06	1.41e-05
117	5	-3.26e-04	0.02	-5.76e-03	-3.83e-04	-7.69e-06	1.41e-05
118	1	2.98e-03	1.81e-03	-9.45e-03	-2.58e-05	7.23e-05	2.51e-05
118	3	2.24e-03	1.37e-03	-7.12e-03	-1.94e-05	5.45e-05	1.89e-05
118	4	1.95e-03	1.16e-03	-6.11e-03	-1.64e-05	4.73e-05	1.63e-05
118	5	1.95e-03	1.16e-03	-6.11e-03	-1.64e-05	4.73e-05	1.63e-05
119	1	2.98e-03	-0.08	-6.15e-03	1.91e-03	7.24e-05	2.51e-05
119	3	2.24e-03	-0.06	-4.63e-03	1.44e-03	5.46e-05	1.89e-05
119	4	1.95e-03	-0.05	-3.98e-03	1.24e-03	4.74e-05	1.63e-05
119	5	1.95e-03	-0.05	-3.98e-03	1.24e-03	4.74e-05	1.63e-05
120	1	-7.89e-04	-0.04	-0.01	1.01e-03	-1.98e-05	2.64e-05
120	3	-5.94e-04	-0.03	-7.85e-03	7.61e-04	-1.49e-05	1.99e-05
120	4	-5.06e-04	-0.03	-6.75e-03	6.57e-04	-1.27e-05	1.71e-05
120	5	-5.06e-04	-0.03	-6.75e-03	6.57e-04	-1.27e-05	1.71e-05
121	1	-7.89e-04	-0.03	-0.01	4.84e-04	-1.97e-05	2.64e-05
121	3	-5.93e-04	-0.02	-9.19e-03	3.65e-04	-1.48e-05	1.99e-05
121	4	-5.06e-04	-0.02	-7.89e-03	3.15e-04	-1.26e-05	1.71e-05
121	5	-5.06e-04	-0.02	-7.89e-03	3.15e-04	-1.26e-05	1.71e-05
122	1	2.02e-03	1.25e-03	-9.25e-03	-5.95e-06	4.89e-05	2.58e-05
122	3	1.53e-03	9.40e-04	-6.96e-03	-4.46e-06	3.69e-05	1.94e-05
122	4	1.34e-03	7.93e-04	-5.98e-03	-3.48e-06	3.22e-05	1.67e-05
122	5	1.34e-03	7.93e-04	-5.98e-03	-3.48e-06	3.22e-05	1.67e-05
123	1	2.02e-03	-0.08	-6.19e-03	1.91e-03	4.90e-05	2.58e-05
123	3	1.53e-03	-0.06	-4.66e-03	1.44e-03	3.70e-05	1.94e-05
123	4	1.34e-03	-0.05	-4.00e-03	1.24e-03	3.23e-05	1.67e-05
123	5	1.34e-03	-0.05	-4.00e-03	1.24e-03	3.23e-05	1.67e-05
124	1	-0.03	0.13	-0.22	-1.90e-05	-6.81e-06	3.79e-05
124	3	-0.02	0.10	-0.17	-1.51e-05	-4.96e-06	2.83e-05
124	4	-0.02	0.09	-0.14	-1.32e-05	-3.72e-06	2.47e-05
124	5	-0.02	0.09	-0.14	-1.32e-05	-3.72e-06	2.47e-05
125	1	-0.02	0.10	-0.24	2.23e-04	7.49e-05	4.64e-05
125	3	-0.01	0.08	-0.18	1.67e-04	5.63e-05	3.53e-05
125	4	-0.01	0.07	-0.16	1.38e-04	4.75e-05	3.06e-05
125	5	-0.01	0.07	-0.16	1.38e-04	4.75e-05	3.06e-05
126	1	-0.03	0.12	-0.26	5.87e-05	-1.81e-04	5.41e-05
126	3	-0.02	0.09	-0.20	4.42e-05	-1.36e-04	4.11e-05
126	4	-0.02	0.08	-0.17	3.53e-05	-1.15e-04	3.51e-05
126	5	-0.02	0.08	-0.17	3.53e-05	-1.15e-04	3.51e-05
127	1	-0.03	0.12	-0.28	8.80e-05	-9.90e-05	1.87e-05
127	3	-0.02	0.09	-0.21	6.57e-05	-7.43e-05	1.40e-05
127	4	-0.02	0.08	-0.18	5.30e-05	-6.30e-05	1.21e-05
127	5	-0.02	0.08	-0.18	5.30e-05	-6.30e-05	1.21e-05

128	1	4.03e-03	0.02	-0.02	-1.66e-04	3.14e-05	1.81e-05
128	3	3.03e-03	0.02	-0.01	-1.25e-04	2.36e-05	1.36e-05
128	4	2.57e-03	0.02	-9.83e-03	-1.08e-04	2.02e-05	1.17e-05
128	5	2.57e-03	0.02	-9.83e-03	-1.08e-04	2.02e-05	1.17e-05
129	1	4.03e-03	0.04	-0.02	7.07e-06	3.08e-05	2.29e-05
129	3	3.03e-03	0.03	-0.02	5.35e-06	2.32e-05	1.72e-05
129	4	2.57e-03	0.03	-0.01	4.90e-06	1.98e-05	1.49e-05
129	5	2.57e-03	0.03	-0.01	4.90e-06	1.98e-05	1.49e-05
130	1	0.01	0.02	-0.02	-1.85e-04	6.26e-05	2.87e-05
130	3	7.95e-03	0.02	-0.02	-1.40e-04	4.72e-05	2.16e-05
130	4	6.88e-03	0.01	-0.01	-1.20e-04	4.08e-05	1.86e-05
130	5	6.88e-03	0.01	-0.01	-1.20e-04	4.08e-05	1.86e-05
131	1	0.01	-0.20	-0.02	1.64e-04	6.20e-05	2.63e-05
131	3	7.95e-03	-0.15	-0.01	1.23e-04	4.67e-05	1.98e-05
131	4	6.88e-03	-0.13	-9.85e-03	1.06e-04	4.04e-05	1.70e-05
131	5	6.88e-03	-0.13	-9.85e-03	1.06e-04	4.04e-05	1.70e-05
132	1	-8.83e-03	0.02	-0.02	-1.73e-04	8.01e-05	1.91e-05
132	3	-6.67e-03	0.02	-0.01	-1.30e-04	6.04e-05	1.44e-05
132	4	-5.84e-03	0.02	-0.01	-1.12e-04	5.27e-05	1.23e-05
132	5	-5.84e-03	0.02	-0.01	-1.12e-04	5.27e-05	1.23e-05
133	1	-8.93e-03	0.04	-0.03	1.51e-05	7.96e-05	2.36e-05
133	3	-6.74e-03	0.03	-0.02	1.14e-05	6.01e-05	1.78e-05
133	4	-5.91e-03	0.03	-0.02	1.02e-05	5.24e-05	1.53e-05
133	5	-5.91e-03	0.03	-0.02	1.02e-05	5.24e-05	1.53e-05
134	1	0.02	0.02	-0.02	-1.85e-04	-1.05e-04	2.80e-05
134	3	0.02	0.02	-0.02	-1.39e-04	-7.88e-05	2.11e-05
134	4	0.02	0.01	-0.02	-1.20e-04	-6.84e-05	1.81e-05
134	5	0.02	0.01	-0.02	-1.20e-04	-6.84e-05	1.81e-05
135	1	0.02	-0.20	-0.02	1.64e-04	-1.05e-04	2.53e-05
135	3	0.02	-0.15	-0.01	1.23e-04	-7.88e-05	1.91e-05
135	4	0.02	-0.13	-0.01	1.06e-04	-6.85e-05	1.64e-05
135	5	0.02	-0.13	-0.01	1.06e-04	-6.85e-05	1.64e-05
136	1	-0.02	0.02	-0.02	-1.73e-04	1.23e-04	1.99e-05
136	3	-0.01	0.02	-0.02	-1.30e-04	9.24e-05	1.50e-05
136	4	-0.01	0.02	-0.01	-1.12e-04	8.03e-05	1.29e-05
136	5	-0.01	0.02	-0.01	-1.12e-04	8.03e-05	1.29e-05
137	1	-0.02	0.04	-0.03	1.47e-05	1.22e-04	2.42e-05
137	3	-0.01	0.03	-0.02	1.11e-05	9.20e-05	1.82e-05
137	4	-0.01	0.03	-0.02	9.85e-06	8.00e-05	1.57e-05
137	5	-0.01	0.03	-0.02	9.85e-06	8.00e-05	1.57e-05
138	1	0.03	0.02	-0.03	-1.80e-04	-1.75e-04	2.73e-05
138	3	0.02	0.02	-0.02	-1.36e-04	-1.32e-04	2.05e-05
138	4	0.02	0.01	-0.02	-1.17e-04	-1.14e-04	1.77e-05
138	5	0.02	0.01	-0.02	-1.17e-04	-1.14e-04	1.77e-05
139	1	0.03	-0.20	-0.02	1.64e-04	-1.75e-04	2.43e-05
139	3	0.02	-0.15	-0.02	1.24e-04	-1.32e-04	1.83e-05
139	4	0.02	-0.13	-0.01	1.07e-04	-1.15e-04	1.57e-05
139	5	0.02	-0.13	-0.01	1.07e-04	-1.15e-04	1.57e-05
140	1	-3.69e-04	0.02	-0.02	-1.73e-04	4.90e-06	2.16e-05
140	3	-2.86e-04	0.02	-0.02	-1.30e-04	3.64e-06	1.62e-05
140	4	-2.84e-04	0.02	-0.01	-1.12e-04	2.95e-06	1.40e-05
140	5	-2.84e-04	0.02	-0.01	-1.12e-04	2.95e-06	1.40e-05
141	1	-3.69e-04	0.04	-0.03	1.43e-05	4.06e-06	2.16e-05
141	3	-2.86e-04	0.03	-0.02	1.08e-05	3.01e-06	1.62e-05
141	4	-2.85e-04	0.03	-0.02	9.60e-06	2.41e-06	1.40e-05
141	5	-2.85e-04	0.03	-0.02	9.60e-06	2.41e-06	1.40e-05
142	1	8.02e-03	0.02	-0.03	-1.82e-04	4.50e-05	2.42e-05
142	3	6.04e-03	0.02	-0.02	-1.37e-04	3.39e-05	1.82e-05
142	4	5.22e-03	0.01	-0.02	-1.18e-04	2.92e-05	1.57e-05
142	5	5.22e-03	0.01	-0.02	-1.18e-04	2.92e-05	1.57e-05
143	1	8.02e-03	-0.20	-0.02	1.64e-04	4.41e-05	2.42e-05
143	3	6.04e-03	-0.15	-0.02	1.24e-04	3.32e-05	1.82e-05
143	4	5.22e-03	-0.13	-0.01	1.07e-04	2.86e-05	1.57e-05
143	5	5.22e-03	-0.13	-0.01	1.07e-04	2.86e-05	1.57e-05
144	1	-1.17e-03	0.02	-0.02	-1.73e-04	0.0	2.17e-05
144	3	-8.87e-04	0.02	-0.02	-1.30e-04	0.0	1.64e-05
144	4	-8.11e-04	0.02	-0.01	-1.12e-04	0.0	1.41e-05
144	5	-8.11e-04	0.02	-0.01	-1.12e-04	0.0	1.41e-05
145	1	-1.17e-03	0.04	-0.03	1.55e-05	0.0	2.17e-05
145	3	-8.88e-04	0.03	-0.02	1.17e-05	0.0	1.64e-05
145	4	-8.11e-04	0.03	-0.02	1.03e-05	0.0	1.41e-05
145	5	-8.11e-04	0.03	-0.02	1.03e-05	0.0	1.41e-05
146	1	7.24e-03	0.02	-0.03	-1.83e-04	4.01e-05	2.36e-05
146	3	5.45e-03	0.01	-0.02	-1.38e-04	3.02e-05	1.77e-05
146	4	4.71e-03	0.01	-0.02	-1.19e-04	2.60e-05	1.52e-05
146	5	4.71e-03	0.01	-0.02	-1.19e-04	2.60e-05	1.52e-05
147	1	7.24e-03	-0.20	-0.02	1.64e-04	3.92e-05	2.36e-05

147	3	5.45e-03	-0.15	-0.02	1.24e-04	2.95e-05	1.77e-05
147	4	4.71e-03	-0.13	-0.01	1.07e-04	2.55e-05	1.52e-05
147	5	4.71e-03	-0.13	-0.01	1.07e-04	2.55e-05	1.52e-05
148	1	-0.02	0.02	-0.02	-1.73e-04	1.09e-04	2.08e-05
148	3	-0.01	0.02	-0.02	-1.30e-04	8.18e-05	1.57e-05
148	4	-0.01	0.02	-0.02	-1.12e-04	7.08e-05	1.35e-05
148	5	-0.01	0.02	-0.02	-1.12e-04	7.08e-05	1.35e-05
149	1	-0.02	0.04	-0.03	1.79e-05	1.08e-04	2.51e-05
149	3	-0.01	0.03	-0.02	1.35e-05	8.15e-05	1.89e-05
149	4	-0.01	0.03	-0.02	1.19e-05	7.05e-05	1.63e-05
149	5	-0.01	0.03	-0.02	1.19e-05	7.05e-05	1.63e-05
150	1	0.02	0.02	-0.03	-1.86e-04	-1.04e-04	2.57e-05
150	3	0.02	0.01	-0.02	-1.40e-04	-7.82e-05	1.93e-05
150	4	0.01	0.01	-0.02	-1.21e-04	-6.76e-05	1.66e-05
150	5	0.01	0.01	-0.02	-1.21e-04	-6.76e-05	1.66e-05
151	1	0.02	-0.20	-0.02	1.65e-04	1.04e-04	2.17e-05
151	3	0.02	-0.15	-0.02	1.24e-04	-7.85e-05	1.63e-05
151	4	0.01	-0.13	-0.02	1.07e-04	-6.78e-05	1.40e-05
151	5	0.01	-0.13	-0.02	1.07e-04	-6.78e-05	1.40e-05
152	1	-0.03	0.02	-0.02	-1.72e-04	1.80e-04	2.00e-05
152	3	-0.02	0.02	-0.02	-1.30e-04	1.35e-04	1.51e-05
152	4	-0.02	0.02	-0.02	-1.12e-04	1.16e-04	1.30e-05
152	5	-0.02	0.02	-0.02	-1.12e-04	1.16e-04	1.30e-05
153	1	-0.03	0.04	-0.03	1.83e-05	1.80e-04	2.48e-05
153	3	-0.02	0.03	-0.03	1.38e-05	1.35e-04	1.87e-05
153	4	-0.02	0.03	-0.02	1.22e-05	1.16e-04	1.61e-05
153	5	-0.02	0.03	-0.02	1.22e-05	1.16e-04	1.61e-05
154	1	0.03	0.02	-0.04	-1.78e-04	-1.95e-04	2.57e-05
154	3	0.02	0.01	-0.03	-1.34e-04	-1.47e-04	1.93e-05
154	4	0.02	0.01	-0.02	-1.15e-04	-1.27e-04	1.67e-05
154	5	0.02	0.01	-0.02	-1.15e-04	-1.27e-04	1.67e-05
155	1	0.03	-0.20	-0.02	1.65e-04	-1.94e-04	2.13e-05
155	3	0.02	-0.15	-0.02	1.24e-04	-1.46e-04	1.60e-05
155	4	0.02	-0.13	-0.01	1.07e-04	-1.27e-04	1.38e-05
155	5	0.02	-0.13	-0.01	1.07e-04	-1.27e-04	1.38e-05
156	1	-4.07e-03	0.02	-0.02	-1.72e-04	-1.87e-05	2.17e-05
156	3	-3.07e-03	0.02	-0.02	-1.30e-04	-1.42e-05	1.63e-05
156	4	-2.69e-03	0.02	-0.01	-1.12e-04	-1.24e-05	1.41e-05
156	5	-2.69e-03	0.02	-0.01	-1.12e-04	-1.24e-05	1.41e-05
157	1	-4.07e-03	0.04	-0.03	1.72e-05	-1.96e-05	2.17e-05
157	3	-3.07e-03	0.03	-0.02	1.30e-05	-1.48e-05	1.63e-05
157	4	-2.69e-03	0.03	-0.02	1.14e-05	-1.29e-05	1.41e-05
157	5	-2.69e-03	0.03	-0.02	1.14e-05	-1.29e-05	1.41e-05
158	1	4.55e-03	0.02	-0.03	-1.77e-04	2.26e-05	2.24e-05
158	3	3.42e-03	0.01	-0.02	-1.34e-04	1.70e-05	1.68e-05
158	4	2.97e-03	9.88e-03	-0.02	-1.15e-04	1.47e-05	1.45e-05
158	5	2.97e-03	9.88e-03	-0.02	-1.15e-04	1.47e-05	1.45e-05
159	1	4.55e-03	-0.20	-0.02	1.65e-04	2.17e-05	2.24e-05
159	3	3.42e-03	-0.15	-0.02	1.24e-04	1.63e-05	1.68e-05
159	4	2.97e-03	-0.13	-0.01	1.07e-04	1.41e-05	1.45e-05
159	5	2.97e-03	-0.13	-0.01	1.07e-04	1.41e-05	1.45e-05
160	1	-4.65e-03	0.02	-0.02	-1.72e-04	-2.28e-05	2.20e-05
160	3	-3.51e-03	0.02	-0.02	-1.30e-04	-1.72e-05	1.65e-05
160	4	-3.07e-03	0.02	-0.01	-1.12e-04	-1.51e-05	1.43e-05
160	5	-3.07e-03	0.02	-0.01	-1.12e-04	-1.51e-05	1.43e-05
161	1	-4.66e-03	0.04	-0.03	1.73e-05	-2.37e-05	2.20e-05
161	3	-3.51e-03	0.03	-0.02	1.31e-05	-1.79e-05	1.65e-05
161	4	-3.07e-03	0.03	-0.02	1.15e-05	-1.56e-05	1.43e-05
161	5	-3.07e-03	0.03	-0.02	1.15e-05	-1.56e-05	1.43e-05
162	1	3.92e-03	0.01	-0.03	-1.78e-04	1.82e-05	2.28e-05
162	3	2.95e-03	0.01	-0.02	-1.34e-04	1.37e-05	1.71e-05
162	4	2.56e-03	8.83e-03	-0.02	-1.16e-04	1.18e-05	1.48e-05
162	5	2.56e-03	8.83e-03	-0.02	-1.16e-04	1.18e-05	1.48e-05
163	1	3.92e-03	-0.20	-0.02	1.65e-04	1.73e-05	2.28e-05
163	3	2.95e-03	-0.15	-0.02	1.24e-04	1.30e-05	1.71e-05
163	4	2.56e-03	-0.13	-0.01	1.07e-04	1.12e-05	1.48e-05
163	5	2.56e-03	-0.13	-0.01	1.07e-04	1.12e-05	1.48e-05
164	1	-0.02	0.02	-0.02	-1.72e-04	1.31e-04	2.17e-05
164	3	-0.02	0.02	-0.02	-1.29e-04	9.85e-05	1.63e-05
164	4	-0.01	0.02	-0.02	-1.11e-04	8.50e-05	1.41e-05
164	5	-0.01	0.02	-0.02	-1.11e-04	8.50e-05	1.41e-05
165	1	-0.02	0.04	-0.03	1.88e-05	1.30e-04	2.53e-05
165	3	-0.02	0.03	-0.02	1.42e-05	9.82e-05	1.90e-05
165	4	-0.01	0.03	-0.02	1.25e-05	8.47e-05	1.64e-05
165	5	-0.01	0.03	-0.02	1.25e-05	8.47e-05	1.64e-05
166	1	0.02	0.01	-0.03	-1.79e-04	-8.72e-05	2.59e-05
166	3	0.01	9.04e-03	-0.02	-1.35e-04	-6.57e-05	1.95e-05

166	4	9.86e-03	7.77e-03	-0.02	-1.16e-04	-5.68e-05	1.68e-05
166	5	9.86e-03	7.77e-03	-0.02	-1.16e-04	-5.68e-05	1.68e-05
167	1	0.01	-0.20	-0.02	1.65e-04	-8.75e-05	2.25e-05
167	3	0.01	-0.15	-0.02	1.25e-04	-6.60e-05	1.69e-05
167	4	9.76e-03	-0.13	-0.01	1.07e-04	-5.70e-05	1.46e-05
167	5	9.76e-03	-0.13	-0.01	1.07e-04	-5.70e-05	1.46e-05
168	1	-0.02	0.02	-0.03	-1.71e-04	1.54e-04	2.34e-05
168	3	-0.02	0.02	-0.02	-1.29e-04	1.16e-04	1.76e-05
168	4	-0.02	0.02	-0.02	-1.11e-04	1.00e-04	1.52e-05
168	5	-0.02	0.02	-0.02	-1.11e-04	1.00e-04	1.52e-05
169	1	-0.03	0.04	-0.04	1.75e-05	1.53e-04	2.58e-05
169	3	-0.02	0.03	-0.03	1.32e-05	1.16e-04	1.95e-05
169	4	-0.02	0.03	-0.03	1.16e-05	9.99e-05	1.68e-05
169	5	-0.02	0.03	-0.03	1.16e-05	9.99e-05	1.68e-05
170	1	0.03	9.07e-03	-0.04	-1.62e-04	-1.99e-04	2.61e-05
170	3	0.02	6.83e-03	-0.03	-1.22e-04	-1.50e-04	1.97e-05
170	4	0.02	5.86e-03	-0.02	-1.05e-04	-1.29e-04	1.69e-05
170	5	0.02	5.86e-03	-0.02	-1.05e-04	-1.29e-04	1.69e-05
171	1	0.03	-0.20	-0.02	1.66e-04	-1.99e-04	2.38e-05
171	3	0.02	-0.15	-0.02	1.25e-04	-1.79e-04	1.79e-05
171	4	0.02	-0.13	-0.02	1.08e-04	-1.29e-04	1.54e-05
171	5	0.02	-0.13	-0.02	1.08e-04	-1.29e-04	1.54e-05
172	1	8.81e-03	6.14e-03	-0.03	-1.51e-04	3.83e-05	2.51e-05
172	3	6.64e-03	4.62e-03	-0.02	-1.14e-04	2.89e-05	1.89e-05
172	4	5.77e-03	3.96e-03	-0.02	-9.84e-05	2.50e-05	1.63e-05
172	5	5.77e-03	3.96e-03	-0.02	-9.84e-05	2.50e-05	1.63e-05
173	1	8.81e-03	-0.20	-0.02	1.66e-04	3.78e-05	2.51e-05
173	3	6.64e-03	-0.15	-0.02	1.25e-04	2.85e-05	1.89e-05
173	4	5.76e-03	-0.13	-0.01	1.08e-04	2.47e-05	1.63e-05
173	5	5.76e-03	-0.13	-0.01	1.08e-04	2.47e-05	1.63e-05
174	1	0.0	0.0	0.0	-5.51e-05	7.54e-05	2.51e-05
174	3	0.0	0.0	0.0	-4.15e-05	5.69e-05	1.89e-05
174	4	0.0	0.0	0.0	-3.53e-05	4.93e-05	1.63e-05
174	5	0.0	0.0	0.0	-3.53e-05	4.93e-05	1.63e-05
175	1	0.0	0.0	0.0	2.05e-03	7.54e-05	2.51e-05
175	3	0.0	0.0	0.0	1.54e-03	5.68e-05	1.89e-05
175	4	0.0	0.0	0.0	1.33e-03	4.93e-05	1.63e-05
175	5	0.0	0.0	0.0	1.33e-03	4.93e-05	1.63e-05
176	1	-2.77e-03	-0.08	-0.04	-6.63e-04	-1.94e-05	2.64e-05
176	3	-2.08e-03	-0.06	-0.03	-5.00e-04	-1.46e-05	1.99e-05
176	4	-1.78e-03	-0.05	-0.02	-4.31e-04	-1.71e-05	1.71e-05
176	5	-1.78e-03	-0.05	-0.02	-4.31e-04	-1.25e-05	1.71e-05
177	1	-2.77e-03	-0.02	-0.04	-5.73e-04	-2.05e-05	2.64e-05
177	3	-2.08e-03	-0.01	-0.03	-4.31e-04	-1.54e-05	1.99e-05
177	4	-1.78e-03	-0.01	-0.03	-3.72e-04	-1.32e-05	1.71e-05
177	5	-1.78e-03	-0.01	-0.03	-3.72e-04	-1.32e-05	1.71e-05
178	1	5.77e-03	3.19e-03	-0.03	-1.41e-04	2.12e-05	2.58e-05
178	3	4.36e-03	2.40e-03	-0.02	-1.06e-04	1.60e-05	1.94e-05
178	4	3.81e-03	2.04e-03	-0.02	-9.18e-05	1.40e-05	1.67e-05
178	5	3.81e-03	2.04e-03	-0.02	-9.18e-05	1.40e-05	1.67e-05
179	1	5.77e-03	-0.20	-0.02	1.67e-04	2.05e-05	2.58e-05
179	3	4.36e-03	-0.15	-0.02	1.26e-04	1.55e-05	1.94e-05
179	4	3.81e-03	-0.13	-0.01	1.08e-04	1.36e-05	1.67e-05
179	5	3.81e-03	-0.13	-0.01	1.08e-04	1.36e-05	1.67e-05
180	1	-0.01	-0.08	-0.02	-6.35e-04	-5.83e-05	2.71e-05
180	3	-7.64e-03	-0.06	-0.02	-4.78e-04	-4.40e-05	2.04e-05
180	4	-6.60e-03	-0.05	-0.02	-4.12e-04	-3.80e-05	1.76e-05
180	5	-6.60e-03	-0.05	-0.02	-4.12e-04	-3.80e-05	1.76e-05
181	1	-0.01	-0.02	-0.03	-5.26e-04	-5.94e-05	2.71e-05
181	3	-7.64e-03	-0.01	-0.03	-3.97e-04	-4.48e-05	2.04e-05
181	4	-6.60e-03	-0.01	-0.02	-3.43e-04	-3.87e-05	1.76e-05
181	5	-6.60e-03	-0.01	-0.02	-3.43e-04	-3.87e-05	1.76e-05
182	1	-8.85e-04	2.31e-04	-0.03	-1.32e-04	-1.43e-05	2.61e-05
182	3	-6.62e-04	1.71e-04	-0.02	-9.91e-05	-1.08e-05	1.96e-05
182	4	-5.29e-04	1.11e-04	-0.02	-8.55e-05	-9.11e-06	1.69e-05
182	5	-5.29e-04	1.11e-04	-0.02	-8.55e-05	-9.11e-06	1.69e-05
183	1	-8.85e-04	-0.20	-0.02	1.68e-04	-1.52e-05	2.61e-05
183	3	-6.62e-04	-0.15	-0.02	1.26e-04	-1.14e-05	1.96e-05
183	4	-5.29e-04	-0.13	-0.01	1.09e-04	-9.66e-06	1.69e-05
183	5	-5.29e-04	-0.13	-0.01	1.09e-04	-9.66e-06	1.69e-05
184	1	-0.03	-0.08	-0.02	-6.07e-04	2.81e-04	2.81e-05
184	3	-0.02	-0.06	-0.02	-4.57e-04	9.65e-05	2.12e-05
184	4	-0.02	-0.05	-0.02	-3.95e-04	8.39e-05	1.82e-05
184	5	-0.02	-0.05	-0.02	-3.95e-04	8.39e-05	1.82e-05
185	1	-0.03	-0.02	-0.03	-4.85e-04	1.28e-04	2.79e-05
185	3	-0.02	-0.01	-0.02	-3.65e-04	9.62e-05	2.10e-05
185	4	-0.02	-0.01	-0.02	-3.15e-04	8.37e-05	1.81e-05

185	5	-0.02	-0.01	-0.02	-3.15e-04	8.37e-05	1.81e-05
186	1	8.53e-03	-2.76e-03	-0.03	-1.22e-04	-8.54e-05	2.61e-05
186	3	6.44e-03	-2.08e-03	-0.02	-9.22e-05	-6.44e-05	1.96e-05
186	4	5.63e-03	-1.83e-03	-0.02	-7.95e-05	-5.62e-05	1.69e-05
186	5	5.63e-03	-1.83e-03	-0.02	-7.95e-05	-5.62e-05	1.69e-05
187	1	8.43e-03	-0.20	-0.02	1.69e-04	-8.65e-05	2.55e-05
187	3	6.36e-03	-0.15	-0.02	1.27e-04	-6.52e-05	1.92e-05
187	4	5.56e-03	-0.13	-0.02	1.10e-04	-5.69e-05	1.66e-05
187	5	5.56e-03	-0.13	-0.02	1.10e-04	-5.69e-05	1.66e-05
188	1	-0.01	0.09	-0.22	2.95e-04	1.41e-04	4.92e-05
188	3	-0.01	0.07	-0.17	2.21e-04	1.06e-04	3.74e-05
188	4	-9.58e-03	0.06	-0.14	1.83e-04	8.99e-05	3.24e-05
188	5	-9.58e-03	0.06	-0.14	1.83e-04	8.99e-05	3.24e-05
189	1	-0.03	0.11	-0.25	1.84e-04	-4.81e-05	5.66e-05
189	3	-0.02	0.08	-0.19	1.38e-04	-3.61e-05	4.30e-05
189	4	-0.02	0.07	-0.16	1.13e-04	-3.00e-05	3.67e-05
189	5	-0.02	0.07	-0.16	1.13e-04	-3.00e-05	3.67e-05
190	1	-0.01	0.11	-0.26	1.51e-04	6.49e-05	4.21e-05
190	3	-0.01	0.08	-0.19	1.13e-04	4.88e-05	3.21e-05
190	4	-9.19e-03	0.07	-0.16	9.26e-05	4.09e-05	2.78e-05
190	5	-9.19e-03	0.07	-0.16	9.26e-05	4.09e-05	2.78e-05
191	1	-0.03	0.11	-0.27	1.18e-04	-3.94e-05	2.35e-05
191	3	-0.02	0.09	-0.21	8.84e-05	-2.95e-05	1.78e-05
191	4	-0.02	0.07	-0.18	7.15e-05	-1.55e-05	1.55e-05
191	5	-0.02	0.07	-0.18	7.15e-05	-2.47e-05	1.55e-05
192	1	-0.04	-0.08	-0.03	-5.81e-04	2.62e-04	2.94e-05
192	3	-0.03	-0.06	-0.03	-4.38e-04	1.97e-04	2.21e-05
192	4	-0.03	-0.05	-0.02	-3.78e-04	1.70e-04	1.91e-05
192	5	-0.03	-0.05	-0.02	-3.78e-04	1.70e-04	1.91e-05
193	1	-0.04	-0.02	-0.05	-4.41e-04	2.61e-04	2.87e-05
193	3	-0.03	-0.02	-0.04	-3.32e-04	1.97e-04	2.16e-05
193	4	-0.03	-0.01	-0.03	-2.87e-04	1.70e-04	1.86e-05
193	5	-0.03	-0.01	-0.03	-2.87e-04	1.70e-04	1.86e-05
194	1	0.03	-6.68e-03	-0.05	-9.66e-05	-2.65e-04	2.54e-05
194	3	0.02	-5.04e-03	-0.04	-7.28e-05	-2.00e-04	1.91e-05
194	4	0.02	-4.39e-03	-0.03	-6.28e-05	-1.72e-04	1.64e-05
194	5	0.02	-4.39e-03	-0.03	-6.28e-05	-1.72e-04	1.64e-05
195	1	0.03	-0.21	-0.03	1.71e-04	-2.66e-04	2.46e-05
195	3	0.02	-0.15	-0.02	1.29e-04	-2.00e-04	1.85e-05
195	4	0.02	-0.13	-0.02	1.11e-04	-1.73e-04	1.60e-05
195	5	0.02	-0.13	-0.02	1.11e-04	-1.73e-04	1.60e-05
196	1	7.45e-03	0.04	-0.03	-1.86e-04	3.67e-05	1.81e-05
196	3	5.60e-03	0.03	-0.02	-1.40e-04	2.76e-05	1.36e-05
196	4	4.78e-03	0.03	-0.02	-1.21e-04	2.39e-05	1.17e-05
196	5	4.78e-03	0.03	-0.02	-1.21e-04	2.39e-05	1.17e-05
197	1	7.45e-03	0.06	-0.04	-1.75e-04	3.91e-05	2.29e-05
197	3	5.60e-03	0.04	-0.03	-1.32e-04	2.94e-05	1.72e-05
197	4	4.78e-03	0.04	-0.02	-1.13e-04	2.54e-05	1.49e-05
197	5	4.78e-03	0.04	-0.02	-1.13e-04	2.54e-05	1.49e-05
198	1	0.02	0.05	-0.04	-3.10e-04	2.31e-05	2.87e-05
198	3	0.01	0.04	-0.03	-2.34e-04	1.74e-05	2.16e-05
198	4	9.80e-03	0.03	-0.02	-2.02e-04	1.48e-05	1.86e-05
198	5	9.80e-03	0.03	-0.02	-2.02e-04	1.48e-05	1.86e-05
199	1	0.02	-0.12	-0.03	-1.42e-03	2.55e-05	2.63e-05
199	3	0.01	-0.09	-0.02	-1.07e-03	1.92e-05	1.98e-05
199	4	9.80e-03	-0.08	-0.02	-9.21e-04	1.64e-05	1.70e-05
199	5	9.80e-03	-0.08	-0.02	-9.21e-04	1.64e-05	1.70e-05
200	1	-2.04e-03	0.04	-0.03	-1.85e-04	9.27e-05	1.91e-05
200	3	-1.55e-03	0.03	-0.02	-1.39e-04	6.98e-05	1.44e-05
200	4	-1.40e-03	0.03	-0.02	-1.20e-04	6.03e-05	1.23e-05
200	5	-1.40e-03	0.03	-0.02	-1.20e-04	6.03e-05	1.23e-05
201	1	-2.12e-03	0.06	-0.05	-1.78e-04	9.50e-05	2.36e-05
201	3	-1.61e-03	0.04	-0.03	-1.34e-04	7.16e-05	1.78e-05
201	4	-1.46e-03	0.04	-0.03	-1.15e-04	6.18e-05	1.53e-05
201	5	-1.46e-03	0.04	-0.03	-1.15e-04	6.18e-05	1.53e-05
202	1	0.02	0.05	-0.04	-3.11e-04	-4.41e-05	2.80e-05
202	3	0.01	0.04	-0.03	-2.34e-04	-3.32e-05	2.11e-05
202	4	0.01	0.03	-0.03	-2.02e-04	-2.88e-05	1.81e-05
202	5	0.01	0.03	-0.03	-2.02e-04	-2.88e-05	1.81e-05
203	1	0.02	-0.12	-0.03	-1.42e-03	-4.23e-05	2.53e-05
203	3	0.01	-0.09	-0.03	-1.07e-03	-3.19e-05	1.91e-05
203	4	0.01	-0.08	-0.02	-9.21e-04	-2.77e-05	1.64e-05
203	5	0.01	-0.08	-0.02	-9.21e-04	-2.77e-05	1.64e-05
204	1	-6.78e-03	0.04	-0.04	-1.85e-04	1.06e-04	1.99e-05
204	3	-5.12e-03	0.03	-0.03	-1.39e-04	7.96e-05	1.50e-05
204	4	-4.49e-03	0.03	-0.02	-1.20e-04	6.87e-05	1.29e-05
204	5	-4.49e-03	0.03	-0.02	-1.20e-04	6.87e-05	1.29e-05

205	1	-6.92e-03	0.06	-0.05	-1.81e-04	1.08e-04	2.42e-05
205	3	-5.23e-03	0.04	-0.04	-1.36e-04	8.17e-05	1.82e-05
205	4	-4.58e-03	0.04	-0.03	-1.17e-04	7.06e-05	1.57e-05
205	5	-4.58e-03	0.04	-0.03	-1.17e-04	7.06e-05	1.57e-05
206	1	0.02	0.05	-0.05	-3.19e-04	-8.78e-05	2.73e-05
206	3	0.02	0.03	-0.04	-2.40e-04	-6.62e-05	2.05e-05
206	4	0.01	0.03	-0.04	-2.07e-04	-5.72e-05	1.77e-05
206	5	0.01	0.03	-0.04	-2.07e-04	-5.72e-05	1.77e-05
207	1	0.02	-0.12	-0.04	-1.42e-03	-8.44e-05	2.43e-05
207	3	0.02	-0.09	-0.03	-1.07e-03	-6.36e-05	1.83e-05
207	4	0.01	-0.08	-0.02	-9.23e-04	-5.50e-05	1.57e-05
207	5	0.01	-0.08	-0.02	-9.23e-04	-5.50e-05	1.57e-05
208	1	1.02e-03	0.04	-0.04	-1.85e-04	2.35e-05	2.16e-05
208	3	7.59e-04	0.03	-0.03	-1.39e-04	1.77e-05	1.62e-05
208	4	6.08e-04	0.03	-0.02	-1.20e-04	1.53e-05	1.40e-05
208	5	6.08e-04	0.03	-0.02	-1.20e-04	1.53e-05	1.40e-05
209	1	1.02e-03	0.06	-0.05	-1.83e-04	2.68e-05	2.16e-05
209	3	7.59e-04	0.04	-0.04	-1.38e-04	2.02e-05	1.62e-05
209	4	6.08e-04	0.04	-0.03	-1.19e-04	1.74e-05	1.40e-05
209	5	6.08e-04	0.04	-0.03	-1.19e-04	1.74e-05	1.40e-05
210	1	0.01	0.05	-0.05	-3.32e-04	5.64e-06	2.42e-05
210	3	8.12e-03	0.03	-0.04	-2.50e-04	4.21e-06	1.82e-05
210	4	7.01e-03	0.03	-0.03	-2.15e-04	3.48e-06	1.57e-05
210	5	7.01e-03	0.03	-0.03	-2.15e-04	3.48e-06	1.57e-05
211	1	0.01	-0.12	-0.04	-1.43e-03	9.13e-06	2.42e-05
211	3	8.12e-03	-0.09	-0.03	-1.07e-03	6.84e-06	1.82e-05
211	4	7.01e-03	-0.08	-0.02	-9.25e-04	5.72e-06	1.57e-05
211	5	7.01e-03	-0.08	-0.02	-9.25e-04	5.72e-06	1.57e-05
212	1	-1.89e-04	0.04	-0.04	-1.85e-04	2.04e-05	2.17e-05
212	3	-1.55e-04	0.03	-0.03	-1.39e-04	1.54e-05	1.64e-05
212	4	-1.92e-04	0.03	-0.02	-1.20e-04	1.33e-05	1.41e-05
212	5	-1.92e-04	0.03	-0.02	-1.20e-04	1.33e-05	1.41e-05
213	1	-1.88e-04	0.06	-0.05	-1.86e-04	2.37e-05	2.17e-05
213	3	-1.55e-04	0.04	-0.04	-1.40e-04	1.79e-05	1.64e-05
213	4	-1.91e-04	0.04	-0.03	-1.21e-04	1.54e-05	1.41e-05
213	5	-1.91e-04	0.04	-0.03	-1.21e-04	1.54e-05	1.41e-05
214	1	9.60e-03	0.05	-0.05	-3.42e-04	2.94e-06	2.36e-05
214	3	7.23e-03	0.03	-0.04	-2.58e-04	2.17e-06	1.77e-05
214	4	6.23e-03	0.03	-0.03	-2.22e-04	1.68e-06	1.52e-05
214	5	6.23e-03	0.03	-0.03	-2.22e-04	1.68e-06	1.52e-05
215	1	9.61e-03	-0.12	-0.04	-1.43e-03	6.34e-06	2.36e-05
215	3	7.23e-03	-0.09	-0.03	-1.08e-03	4.73e-06	1.77e-05
215	4	6.23e-03	-0.08	-0.02	-9.28e-04	3.86e-06	1.52e-05
215	5	6.23e-03	-0.08	-0.02	-9.28e-04	3.86e-06	1.52e-05
216	1	-9.77e-03	0.04	-0.04	-1.85e-04	9.14e-05	2.08e-05
216	3	-7.37e-03	0.03	-0.03	-1.40e-04	6.88e-05	1.57e-05
216	4	-6.40e-03	0.03	-0.03	-1.20e-04	5.92e-05	1.35e-05
216	5	-6.40e-03	0.03	-0.03	-1.20e-04	5.92e-05	1.35e-05
217	1	-9.91e-03	0.06	-0.05	-1.89e-04	9.40e-05	2.51e-05
217	3	-7.47e-03	0.04	-0.04	-1.42e-04	7.08e-05	1.89e-05
217	4	-6.49e-03	0.04	-0.03	-1.22e-04	6.09e-05	1.63e-05
217	5	-6.49e-03	0.04	-0.03	-1.22e-04	6.09e-05	1.63e-05
218	1	0.02	0.05	-0.05	-3.50e-04	-6.85e-05	2.57e-05
218	3	0.01	0.03	-0.04	-2.64e-04	-5.16e-05	1.93e-05
218	4	0.01	0.03	-0.03	-2.27e-04	-4.44e-05	1.66e-05
218	5	0.01	0.03	-0.03	-2.27e-04	-4.44e-05	1.66e-05
219	1	0.02	-0.12	-0.04	-1.44e-03	-6.60e-05	2.17e-05
219	3	0.01	-0.09	-0.03	-1.08e-03	-4.97e-05	1.63e-05
219	4	0.01	-0.08	-0.03	-9.32e-04	-4.28e-05	1.40e-05
219	5	0.01	-0.08	-0.03	-9.32e-04	-4.28e-05	1.40e-05
220	1	-0.02	0.04	-0.04	-1.86e-04	1.01e-04	2.00e-05
220	3	-0.01	0.03	-0.03	-1.40e-04	7.60e-05	1.51e-05
220	4	-0.01	0.03	-0.03	-1.21e-04	6.55e-05	1.30e-05
220	5	-0.01	0.03	-0.03	-1.21e-04	6.55e-05	1.30e-05
221	1	-0.02	0.06	-0.06	-1.92e-04	1.03e-04	2.48e-05
221	3	-0.01	0.04	-0.04	-1.45e-04	7.77e-05	1.87e-05
221	4	-0.01	0.04	-0.04	-1.24e-04	6.69e-05	1.61e-05
221	5	-0.01	0.04	-0.04	-1.24e-04	6.69e-05	1.61e-05
222	1	0.02	0.04	-0.06	-3.67e-04	-1.74e-04	2.57e-05
222	3	0.01	0.03	-0.05	-2.77e-04	-1.31e-04	1.93e-05
222	4	0.01	0.03	-0.04	-2.38e-04	-1.12e-04	1.67e-05
222	5	0.01	0.03	-0.04	-2.38e-04	-1.12e-04	1.67e-05
223	1	0.02	-0.12	-0.04	-1.44e-03	-1.73e-04	2.13e-05
223	3	0.01	-0.09	-0.03	-1.09e-03	-1.31e-04	1.60e-05
223	4	0.01	-0.08	-0.02	-9.36e-04	-1.12e-04	1.38e-05
223	5	0.01	-0.08	-0.02	-9.36e-04	-1.12e-04	1.38e-05
224	1	-4.67e-03	0.04	-0.04	-1.86e-04	8.05e-06	2.17e-05

224	3	-3.53e-03	0.03	-0.03	-1.40e-04	6.07e-06	1.63e-05
224	4	-3.09e-03	0.03	-0.02	-1.21e-04	5.32e-06	1.41e-05
224	5	-3.09e-03	0.03	-0.02	-1.21e-04	5.32e-06	1.41e-05
225	1	-4.67e-03	0.06	-0.05	-1.93e-04	1.13e-05	2.17e-05
225	3	-3.53e-03	0.04	-0.04	-1.45e-04	8.52e-06	1.63e-05
225	4	-3.09e-03	0.04	-0.03	-1.25e-04	7.39e-06	1.41e-05
225	5	-3.09e-03	0.04	-0.03	-1.25e-04	7.39e-06	1.41e-05
226	1	5.39e-03	0.04	-0.05	-3.88e-04	-9.71e-06	2.24e-05
226	3	4.06e-03	0.03	-0.04	-2.93e-04	-7.35e-06	1.68e-05
226	4	3.51e-03	0.03	-0.04	-2.52e-04	-6.51e-06	1.45e-05
226	5	3.51e-03	0.03	-0.04	-2.52e-04	-6.51e-06	1.45e-05
227	1	5.39e-03	-0.12	-0.04	-1.45e-03	-6.06e-06	2.24e-05
227	3	4.06e-03	-0.09	-0.03	-1.09e-03	-4.60e-06	1.68e-05
227	4	3.51e-03	-0.08	-0.02	-9.41e-04	-4.15e-06	1.45e-05
227	5	3.51e-03	-0.08	-0.02	-9.41e-04	-4.15e-06	1.45e-05
228	1	-5.65e-03	0.04	-0.04	-1.87e-04	4.24e-06	2.20e-05
228	3	-4.27e-03	0.03	-0.03	-1.41e-04	3.20e-06	1.65e-05
228	4	-3.73e-03	0.03	-0.03	-1.21e-04	2.79e-06	1.43e-05
228	5	-3.73e-03	0.03	-0.03	-1.21e-04	2.79e-06	1.43e-05
229	1	-5.65e-03	0.06	-0.05	-1.93e-04	7.50e-06	2.20e-05
229	3	-4.27e-03	0.04	-0.04	-1.45e-04	5.64e-06	1.65e-05
229	4	-3.73e-03	0.04	-0.04	-1.25e-04	4.87e-06	1.43e-05
229	5	-3.73e-03	0.04	-0.04	-1.25e-04	4.87e-06	1.43e-05
230	1	4.34e-03	0.04	-0.05	-4.06e-04	-1.39e-05	2.28e-05
230	3	3.26e-03	0.03	-0.04	-3.06e-04	-1.05e-05	1.71e-05
230	4	2.82e-03	0.03	-0.03	-2.64e-04	-9.22e-06	1.48e-05
230	5	2.82e-03	0.03	-0.03	-2.64e-04	-9.22e-06	1.48e-05
231	1	4.34e-03	-0.12	-0.04	-1.46e-03	-1.02e-05	2.28e-05
231	3	3.26e-03	-0.09	-0.03	-1.10e-03	-7.72e-06	1.71e-05
231	4	2.82e-03	-0.08	-0.02	-9.46e-04	-6.86e-06	1.48e-05
231	5	2.82e-03	-0.08	-0.02	-9.46e-04	-6.86e-06	1.48e-05
232	1	-0.02	0.04	-0.04	-1.88e-04	8.61e-05	2.17e-05
232	3	-0.01	0.03	-0.03	-1.41e-04	6.48e-05	1.63e-05
232	4	-0.01	0.03	-0.03	-1.22e-04	5.57e-05	1.41e-05
232	5	-0.01	0.03	-0.03	-1.22e-04	5.57e-05	1.41e-05
233	1	-0.02	0.06	-0.06	-1.93e-04	8.88e-05	2.53e-05
233	3	-0.01	0.04	-0.04	-1.45e-04	6.68e-05	1.90e-05
233	4	-0.01	0.04	-0.04	-1.25e-04	5.75e-05	1.64e-05
233	5	-0.01	0.04	-0.04	-1.25e-04	5.75e-05	1.64e-05
234	1	9.94e-03	0.04	-0.05	-4.20e-04	-7.54e-05	2.59e-05
234	3	7.49e-03	0.03	-0.04	-3.16e-04	-5.68e-05	1.95e-05
234	4	6.47e-03	0.03	-0.03	-2.72e-04	-4.88e-05	1.68e-05
234	5	6.47e-03	0.03	-0.03	-2.72e-04	-4.88e-05	1.68e-05
235	1	9.82e-03	-0.12	-0.04	-1.47e-03	-7.29e-05	2.25e-05
235	3	7.40e-03	-0.09	-0.03	-1.11e-03	-5.49e-05	1.69e-05
235	4	6.39e-03	-0.08	-0.02	-9.53e-04	-4.72e-05	1.46e-05
235	5	6.39e-03	-0.08	-0.02	-9.53e-04	-4.72e-05	1.46e-05
236	1	-0.02	0.04	-0.05	-1.88e-04	9.31e-05	2.34e-05
236	3	-0.01	0.03	-0.04	-1.42e-04	7.01e-05	1.76e-05
236	4	-0.01	0.03	-0.03	-1.22e-04	6.03e-05	1.52e-05
236	5	-0.01	0.03	-0.03	-1.22e-04	6.03e-05	1.52e-05
237	1	-0.02	0.06	-0.07	-1.95e-04	9.65e-05	2.58e-05
237	3	-0.01	0.04	-0.05	-1.47e-04	7.26e-05	1.95e-05
237	4	-0.01	0.04	-0.04	-1.26e-04	6.24e-05	1.68e-05
237	5	-0.01	0.04	-0.04	-1.26e-04	6.24e-05	1.68e-05
238	1	0.02	0.04	-0.06	-4.43e-04	-1.32e-04	2.61e-05
238	3	0.01	0.03	-0.05	-3.34e-04	-9.96e-05	1.97e-05
238	4	0.01	0.03	-0.04	-2.88e-04	-8.58e-05	1.69e-05
238	5	0.01	0.03	-0.04	-2.88e-04	-8.58e-05	1.69e-05
239	1	0.02	-0.12	-0.04	-1.48e-03	-1.28e-04	2.38e-05
239	3	0.01	-0.09	-0.03	-1.11e-03	-9.67e-05	1.79e-05
239	4	0.01	-0.08	-0.03	-9.59e-04	-8.33e-05	1.54e-05
239	5	0.01	-0.08	-0.03	-9.59e-04	-8.33e-05	1.54e-05
240	1	-4.03e-03	0.04	-0.09	-1.78e-04	-5.49e-06	2.55e-05
240	3	-3.04e-03	0.03	-0.07	-1.34e-04	-4.10e-06	1.92e-05
240	4	-2.66e-03	0.03	-0.06	-1.16e-04	-3.33e-06	1.65e-05
240	5	-2.66e-03	0.03	-0.06	-1.16e-04	-3.33e-06	1.65e-05
241	1	-4.03e-03	0.06	-0.11	-1.74e-04	8.69e-06	2.55e-05
241	3	-3.04e-03	0.04	-0.09	-1.31e-04	6.57e-06	1.92e-05
241	4	-2.66e-03	0.04	-0.07	-1.12e-04	5.80e-06	1.65e-05
241	5	-2.66e-03	0.04	-0.07	-1.12e-04	5.80e-06	1.65e-05
242	1	9.31e-03	0.04	-0.06	-4.81e-04	-3.53e-05	2.51e-05
242	3	7.02e-03	0.03	-0.04	-3.62e-04	-2.66e-05	1.89e-05
242	4	6.10e-03	0.03	-0.04	-3.12e-04	-2.30e-05	1.63e-05
242	5	6.10e-03	0.03	-0.04	-3.12e-04	-2.30e-05	1.63e-05
243	1	9.31e-03	-0.12	-0.04	-1.49e-03	-3.35e-05	2.51e-05
243	3	7.02e-03	-0.09	-0.03	-1.12e-03	-2.52e-05	1.89e-05

243	4	6.10e-03	-0.08	-0.02	-9.67e-04	-2.19e-05	1.63e-05
243	5	6.10e-03	-0.08	-0.02	-9.67e-04	-2.19e-05	1.63e-05
244	1	-4.78e-03	0.04	-0.06	-8.24e-04	-2.24e-05	2.64e-05
244	3	-3.60e-03	0.03	-0.05	-6.21e-04	-1.69e-05	1.99e-05
244	4	-3.07e-03	0.02	-0.04	-5.36e-04	-1.45e-05	1.71e-05
244	5	-3.07e-03	0.02	-0.04	-5.36e-04	-1.45e-05	1.71e-05
245	1	-4.78e-03	0.05	-0.07	-5.03e-04	-1.82e-05	2.64e-05
245	3	-3.59e-03	0.04	-0.05	-3.79e-04	-1.37e-05	1.99e-05
245	4	-3.07e-03	0.03	-0.05	-3.26e-04	-1.18e-05	1.71e-05
245	5	-3.07e-03	0.03	-0.05	-3.26e-04	-1.18e-05	1.71e-05
246	1	5.15e-03	0.04	-0.06	-5.15e-04	-3.98e-05	2.58e-05
246	3	3.89e-03	0.03	-0.04	-3.88e-04	-3.00e-05	1.94e-05
246	4	3.41e-03	0.02	-0.04	-3.34e-04	-2.60e-05	1.67e-05
246	5	3.41e-03	0.02	-0.04	-3.34e-04	-2.60e-05	1.67e-05
247	1	5.15e-03	-0.12	-0.04	-1.50e-03	-3.72e-05	2.58e-05
247	3	3.89e-03	-0.09	-0.03	-1.13e-03	-2.81e-05	1.94e-05
247	4	3.41e-03	-0.08	-0.02	-9.75e-04	-2.44e-05	1.67e-05
247	5	3.41e-03	-0.08	-0.02	-9.75e-04	-2.44e-05	1.67e-05
248	1	-0.01	0.03	-0.04	-8.26e-04	-2.18e-05	2.71e-05
248	3	-0.01	0.03	-0.03	-6.23e-04	-1.64e-05	2.04e-05
248	4	-9.26e-03	0.02	-0.03	-5.37e-04	-1.40e-05	1.76e-05
248	5	-9.26e-03	0.02	-0.03	-5.37e-04	-1.40e-05	1.76e-05
249	1	-0.01	0.05	-0.06	-5.28e-04	-1.76e-05	2.71e-05
249	3	-0.01	0.03	-0.04	-3.98e-04	-1.32e-05	2.04e-05
249	4	-9.26e-03	0.03	-0.04	-3.43e-04	-1.13e-05	1.76e-05
249	5	-9.26e-03	0.03	-0.04	-3.43e-04	-1.13e-05	1.76e-05
250	1	-3.49e-03	0.04	-0.05	-5.46e-04	-4.11e-05	2.61e-05
250	3	-2.62e-03	0.03	-0.04	-4.11e-04	-3.10e-05	1.96e-05
250	4	-2.21e-03	0.02	-0.04	-3.54e-04	-2.68e-05	1.69e-05
250	5	-2.21e-03	0.02	-0.04	-3.54e-04	-2.68e-05	1.69e-05
251	1	-3.49e-03	-0.12	-0.04	-1.52e-03	-3.77e-05	2.61e-05
251	3	-2.62e-03	-0.09	-0.03	-1.14e-03	-2.84e-05	1.96e-05
251	4	-2.21e-03	-0.08	-0.02	-9.84e-04	-2.46e-05	1.69e-05
251	5	-2.21e-03	-0.08	-0.02	-9.84e-04	-2.46e-05	1.69e-05
252	1	-0.02	0.03	-0.04	-8.30e-04	5.63e-05	2.81e-05
252	3	-0.02	0.02	-0.03	-6.25e-04	4.24e-05	2.12e-05
252	4	-0.02	0.02	-0.03	-5.39e-04	3.68e-05	1.82e-05
252	5	-0.02	0.02	-0.03	-5.39e-04	3.68e-05	1.82e-05
253	1	-0.02	0.04	-0.05	-5.42e-04	5.91e-05	2.79e-05
253	3	-0.02	0.03	-0.04	-4.09e-04	4.45e-05	2.10e-05
253	4	-0.02	0.03	-0.04	-3.52e-04	3.86e-05	1.81e-05
253	5	-0.02	0.03	-0.04	-3.52e-04	3.86e-05	1.81e-05
254	1	1.18e-03	0.03	-0.05	-5.73e-04	-1.05e-04	2.61e-05
254	3	8.99e-04	0.03	-0.04	-4.31e-04	-7.94e-05	1.96e-05
254	4	8.24e-04	0.02	-0.03	-3.71e-04	-6.87e-05	1.69e-05
254	5	8.24e-04	0.02	-0.03	-3.71e-04	-6.87e-05	1.69e-05
255	1	1.10e-03	-0.12	-0.04	-1.53e-03	-1.01e-04	2.55e-05
255	3	8.33e-04	-0.09	-0.03	-1.15e-03	-7.59e-05	1.92e-05
255	4	7.66e-04	-0.08	-0.03	-9.94e-04	-6.56e-05	1.66e-05
255	5	7.66e-04	-0.08	-0.03	-9.94e-04	-6.56e-05	1.66e-05
256	1	-0.03	0.10	-0.23	2.56e-04	-3.13e-05	5.42e-05
256	3	-0.02	0.07	-0.17	1.92e-04	-2.35e-05	4.12e-05
256	4	-0.02	0.07	-0.15	1.58e-04	-1.91e-05	3.52e-05
256	5	-0.02	0.07	-0.15	1.58e-04	-1.91e-05	3.52e-05
257	1	-0.02	0.13	-0.22	-2.42e-05	5.99e-05	2.70e-05
257	3	-0.02	0.10	-0.16	-1.85e-05	4.51e-05	2.01e-05
257	4	-0.02	0.08	-0.14	-1.63e-05	3.84e-05	1.72e-05
257	5	-0.02	0.08	-0.14	-1.63e-05	3.84e-05	1.72e-05
258	1	-0.03	0.11	-0.26	1.12e-04	-8.87e-05	5.94e-05
258	3	-0.02	0.09	-0.19	8.41e-05	-6.65e-05	4.51e-05
258	4	-0.02	0.08	-0.16	6.79e-05	-5.60e-05	3.85e-05
258	5	-0.02	0.08	-0.16	6.79e-05	-5.60e-05	3.85e-05
259	1	-0.03	0.10	-0.26	2.03e-04	-1.65e-05	3.16e-05
259	3	-0.02	0.08	-0.19	1.52e-04	-1.24e-05	2.37e-05
259	4	-0.02	0.07	-0.17	1.25e-04	-1.00e-05	2.04e-05
259	5	-0.02	0.07	-0.17	1.25e-04	-1.00e-05	2.04e-05
260	1	-0.03	0.03	-0.06	-8.33e-04	9.63e-05	2.94e-05
260	3	-0.02	0.02	-0.04	-6.28e-04	7.25e-05	2.21e-05
260	4	-0.02	0.02	-0.04	-5.42e-04	6.25e-05	1.91e-05
260	5	-0.02	0.02	-0.04	-5.42e-04	6.25e-05	1.91e-05
261	1	-0.03	0.04	-0.08	-5.78e-04	1.01e-04	2.87e-05
261	3	-0.03	0.03	-0.06	-4.35e-04	7.61e-05	2.16e-05
261	4	-0.02	0.02	-0.05	-3.75e-04	6.56e-05	1.86e-05
261	5	-0.02	0.02	-0.05	-3.75e-04	6.56e-05	1.86e-05
262	1	9.43e-03	0.03	-0.08	-6.08e-04	-2.00e-04	2.54e-05
262	3	7.10e-03	0.02	-0.06	-4.58e-04	-1.51e-04	1.91e-05
262	4	6.14e-03	0.02	-0.05	-3.94e-04	-1.30e-04	1.64e-05



262	5	6.14e-03	0.02	-0.05	-3.94e-04	-1.30e-04	1.64e-05
263	1	9.15e-03	-0.12	-0.05	-1.55e-03	-1.95e-04	2.46e-05
263	3	6.89e-03	-0.09	-0.04	-1.17e-03	-1.47e-04	1.85e-05
263	4	5.96e-03	-0.08	-0.03	-1.01e-03	-1.27e-04	1.60e-05
263	5	5.96e-03	-0.08	-0.03	-1.01e-03	-1.27e-04	1.60e-05
264	1	0.01	0.06	-0.04	-1.85e-04	5.27e-05	1.81e-05
264	3	8.83e-03	0.05	-0.03	-1.40e-04	3.97e-05	1.36e-05
264	4	7.59e-03	0.04	-0.02	-1.20e-04	3.47e-05	1.17e-05
264	5	7.59e-03	0.04	-0.02	-1.20e-04	3.47e-05	1.17e-05
265	1	0.01	0.07	-0.05	-1.06e-04	4.37e-05	2.29e-05
265	3	8.82e-03	0.05	-0.04	-8.00e-05	3.30e-05	1.72e-05
265	4	7.59e-03	0.05	-0.03	-6.86e-05	2.89e-05	1.49e-05
265	5	7.59e-03	0.05	-0.03	-6.86e-05	2.89e-05	1.49e-05
266	1	0.01	0.08	-0.05	-1.80e-04	-2.92e-05	2.87e-05
266	3	0.01	0.06	-0.04	-1.35e-04	-2.21e-05	2.16e-05
266	4	9.57e-03	0.05	-0.03	-1.16e-04	-1.96e-05	1.86e-05
266	5	9.57e-03	0.05	-0.03	-1.16e-04	-1.96e-05	1.86e-05
267	1	0.01	0.03	-0.04	-1.15e-03	-3.83e-05	2.63e-05
267	3	0.01	0.02	-0.03	-8.64e-04	-2.89e-05	1.98e-05
267	4	9.57e-03	0.02	-0.02	-7.44e-04	-2.54e-05	1.70e-05
267	5	9.57e-03	0.02	-0.02	-7.44e-04	-2.54e-05	1.70e-05
268	1	9.23e-03	0.06	-0.05	-1.86e-04	9.10e-05	1.91e-05
268	3	6.95e-03	0.05	-0.03	-1.40e-04	6.86e-05	1.44e-05
268	4	5.96e-03	0.04	-0.03	-1.20e-04	6.00e-05	1.23e-05
268	5	5.96e-03	0.04	-0.03	-1.20e-04	6.00e-05	1.23e-05
269	1	9.14e-03	0.07	-0.06	-1.05e-04	8.25e-05	2.36e-05
269	3	6.88e-03	0.05	-0.05	-7.89e-05	6.23e-05	1.78e-05
269	4	5.90e-03	0.05	-0.04	-6.76e-05	5.45e-05	1.53e-05
269	5	5.90e-03	0.05	-0.04	-6.76e-05	5.45e-05	1.53e-05
270	1	0.01	0.08	-0.06	-1.80e-04	-6.93e-05	2.80e-05
270	3	8.83e-03	0.06	-0.05	-1.35e-04	-5.23e-05	2.11e-05
270	4	7.62e-03	0.05	-0.04	-1.16e-04	-4.60e-05	1.81e-05
270	5	7.62e-03	0.05	-0.04	-1.16e-04	-4.60e-05	1.81e-05
271	1	6.53e-03	0.06	-0.05	-1.85e-04	1.11e-04	1.99e-05
271	3	4.91e-03	0.05	-0.04	-1.40e-04	8.38e-05	1.50e-05
271	4	4.21e-03	0.04	-0.03	-1.20e-04	7.32e-05	1.29e-05
271	5	4.21e-03	0.04	-0.03	-1.20e-04	7.32e-05	1.29e-05
272	1	6.39e-03	0.07	-0.07	-1.04e-04	1.01e-04	2.42e-05
272	3	4.80e-03	0.05	-0.06	-7.82e-05	7.61e-05	1.82e-05
272	4	4.11e-03	0.05	-0.05	-6.69e-05	6.65e-05	1.57e-05
272	5	4.11e-03	0.05	-0.05	-6.69e-05	6.65e-05	1.57e-05
273	1	0.01	0.08	-0.08	-1.85e-04	-1.00e-04	2.73e-05
273	3	7.59e-03	0.06	-0.06	-1.39e-04	-7.57e-05	2.05e-05
273	4	6.55e-03	0.05	-0.05	-1.19e-04	-6.62e-05	1.77e-05
273	5	6.55e-03	0.05	-0.05	-1.19e-04	-6.62e-05	1.77e-05
274	1	9.81e-03	0.03	-0.05	-1.14e-03	-1.12e-04	2.43e-05
274	3	7.39e-03	0.02	-0.04	-8.62e-04	-8.47e-05	1.83e-05
274	4	6.38e-03	0.02	-0.03	-7.43e-04	-7.39e-05	1.57e-05
274	5	6.38e-03	0.02	-0.03	-7.43e-04	-7.39e-05	1.57e-05
275	1	5.03e-03	0.06	-0.05	-1.85e-04	6.29e-05	2.16e-05
275	3	3.78e-03	0.05	-0.04	-1.39e-04	4.74e-05	1.62e-05
275	4	3.23e-03	0.04	-0.03	-1.20e-04	4.12e-05	1.40e-05
275	5	3.23e-03	0.04	-0.03	-1.20e-04	4.12e-05	1.40e-05
276	1	5.02e-03	0.07	-0.07	-1.01e-04	5.06e-05	2.16e-05
276	3	3.78e-03	0.05	-0.06	-7.62e-05	3.82e-05	1.62e-05
276	4	3.23e-03	0.05	-0.05	-6.53e-05	3.34e-05	1.40e-05
276	5	3.23e-03	0.05	-0.05	-6.53e-05	3.34e-05	1.40e-05
277	1	8.85e-03	0.08	-0.07	-1.81e-04	-4.27e-05	2.42e-05
277	3	6.66e-03	0.06	-0.06	-1.36e-04	-3.22e-05	1.82e-05
277	4	5.72e-03	0.05	-0.05	-1.17e-04	-2.83e-05	1.57e-05
277	5	5.72e-03	0.05	-0.05	-1.17e-04	-2.83e-05	1.57e-05
278	1	8.85e-03	0.03	-0.05	-1.14e-03	-5.59e-05	2.42e-05
278	3	6.65e-03	0.02	-0.04	-8.61e-04	-4.22e-05	1.82e-05
278	4	5.71e-03	0.02	-0.03	-7.42e-04	-3.68e-05	1.57e-05
278	5	5.71e-03	0.02	-0.03	-7.42e-04	-3.68e-05	1.57e-05
279	1	3.65e-03	0.06	-0.05	-1.84e-04	6.29e-05	2.17e-05
279	3	2.74e-03	0.05	-0.04	-1.39e-04	4.74e-05	1.64e-05
279	4	2.32e-03	0.04	-0.03	-1.19e-04	4.12e-05	1.41e-05
279	5	2.32e-03	0.04	-0.03	-1.19e-04	4.12e-05	1.41e-05
280	1	3.64e-03	0.07	-0.07	-9.90e-05	5.03e-05	2.17e-05
280	3	2.73e-03	0.05	-0.06	-7.45e-05	3.80e-05	1.64e-05
280	4	2.32e-03	0.05	-0.05	-6.39e-05	3.32e-05	1.41e-05
280	5	2.32e-03	0.05	-0.05	-6.39e-05	3.32e-05	1.41e-05
281	1	7.55e-03	0.03	-0.05	-1.14e-03	-5.52e-05	2.36e-05
281	3	5.68e-03	0.02	-0.04	-8.60e-04	-4.17e-05	1.77e-05
281	4	4.86e-03	0.02	-0.03	-7.41e-04	-3.64e-05	1.52e-05
281	5	4.86e-03	0.02	-0.03	-7.41e-04	-3.64e-05	1.52e-05



282	1	7.55e-03	0.08	-0.07	-1.79e-04	-4.23e-05	2.36e-05
282	3	5.68e-03	0.06	-0.06	-1.35e-04	-3.20e-05	1.77e-05
282	4	4.86e-03	0.05	-0.05	-1.16e-04	-2.82e-05	1.52e-05
282	5	4.86e-03	0.05	-0.05	-1.16e-04	-2.82e-05	1.52e-05
283	1	2.40e-03	0.06	-0.06	-1.83e-04	1.01e-04	2.08e-05
283	3	1.80e-03	0.05	-0.04	-1.38e-04	7.59e-05	1.57e-05
283	4	1.51e-03	0.04	-0.04	-1.19e-04	6.60e-05	1.35e-05
283	5	1.51e-03	0.04	-0.04	-1.19e-04	6.60e-05	1.35e-05
284	1	2.26e-03	0.07	-0.08	-9.75e-05	9.14e-05	2.51e-05
284	3	1.69e-03	0.05	-0.06	-7.34e-05	6.89e-05	1.89e-05
284	4	1.42e-03	0.05	-0.05	-6.30e-05	6.00e-05	1.63e-05
284	5	1.42e-03	0.05	-0.05	-6.30e-05	6.00e-05	1.63e-05
285	1	5.27e-03	0.08	-0.07	-1.79e-04	-8.16e-05	2.57e-05
285	3	3.96e-03	0.06	-0.06	-1.35e-04	-6.16e-05	1.93e-05
285	4	3.40e-03	0.05	-0.05	-1.16e-04	-5.38e-05	1.66e-05
285	5	3.40e-03	0.05	-0.05	-1.16e-04	-5.38e-05	1.66e-05
286	1	5.10e-03	0.03	-0.06	-1.14e-03	-9.04e-05	2.17e-05
286	3	3.84e-03	0.02	-0.04	-8.59e-04	-6.82e-05	1.63e-05
286	4	3.29e-03	0.02	-0.04	-7.41e-04	-5.94e-05	1.40e-05
286	5	3.29e-03	0.02	-0.04	-7.41e-04	-5.94e-05	1.40e-05
287	1	-4.37e-03	0.06	-0.06	-1.82e-04	1.45e-04	2.00e-05
287	3	-3.29e-03	0.05	-0.04	-1.37e-04	1.09e-04	1.51e-05
287	4	-2.79e-03	0.04	-0.04	-1.18e-04	9.36e-05	1.30e-05
287	5	-2.79e-03	0.04	-0.04	-1.18e-04	9.36e-05	1.30e-05
288	1	-4.62e-03	0.07	-0.08	-9.86e-05	1.37e-04	2.48e-05
288	3	-3.48e-03	0.05	-0.06	-7.43e-05	1.03e-04	1.87e-05
288	4	-2.95e-03	0.05	-0.05	-6.37e-05	8.85e-05	1.61e-05
288	5	-2.95e-03	0.05	-0.05	-6.37e-05	8.85e-05	1.61e-05
289	1	-3.59e-03	0.08	-0.09	-1.86e-04	-7.49e-05	2.57e-05
289	3	-2.69e-03	0.06	-0.06	-1.40e-04	-5.67e-05	1.93e-05
289	4	-2.22e-03	0.05	-0.06	-1.20e-04	-5.04e-05	1.67e-05
289	5	-2.22e-03	0.05	-0.06	-1.20e-04	-5.04e-05	1.67e-05
290	1	-3.84e-03	0.03	-0.05	-1.14e-03	-7.53e-05	2.13e-05
290	3	-2.88e-03	0.02	-0.04	-8.59e-04	-5.70e-05	1.60e-05
290	4	-2.39e-03	0.02	-0.03	-7.40e-04	-5.06e-05	1.38e-05
290	5	-2.39e-03	0.02	-0.03	-7.40e-04	-5.06e-05	1.38e-05
291	1	-1.63e-03	0.06	-0.05	-1.80e-04	5.99e-05	2.17e-05
291	3	-1.23e-03	0.05	-0.04	-1.36e-04	4.51e-05	1.63e-05
291	4	-1.08e-03	0.04	-0.04	-1.17e-04	3.93e-05	1.41e-05
291	5	-1.08e-03	0.04	-0.04	-1.17e-04	3.93e-05	1.41e-05
292	1	-1.63e-03	0.07	-0.08	-9.88e-05	4.75e-05	2.17e-05
292	3	-1.24e-03	0.05	-0.06	-7.44e-05	3.59e-05	1.63e-05
292	4	-1.09e-03	0.05	-0.05	-6.38e-05	3.14e-05	1.41e-05
292	5	-1.09e-03	0.05	-0.05	-6.38e-05	3.14e-05	1.41e-05
293	1	2.44e-03	0.08	-0.08	-1.83e-04	-4.68e-05	2.24e-05
293	3	1.83e-03	0.06	-0.06	-1.38e-04	-3.53e-05	1.68e-05
293	4	1.56e-03	0.05	-0.05	-1.19e-04	-3.10e-05	1.45e-05
293	5	1.56e-03	0.05	-0.05	-1.19e-04	-3.10e-05	1.45e-05
294	1	2.44e-03	0.03	-0.05	-1.14e-03	-6.06e-05	2.24e-05
294	3	1.83e-03	0.02	-0.04	-8.60e-04	-4.57e-05	1.68e-05
294	4	1.56e-03	0.02	-0.03	-7.42e-04	-3.99e-05	1.45e-05
294	5	1.56e-03	0.02	-0.03	-7.42e-04	-3.99e-05	1.45e-05
295	1	-2.97e-03	0.06	-0.06	-1.78e-04	5.65e-05	2.20e-05
295	3	-2.24e-03	0.05	-0.04	-1.34e-04	4.26e-05	1.65e-05
295	4	-1.97e-03	0.04	-0.04	-1.16e-04	3.71e-05	1.43e-05
295	5	-1.97e-03	0.04	-0.04	-1.16e-04	3.71e-05	1.43e-05
296	1	-2.97e-03	0.07	-0.08	-1.02e-04	4.41e-05	2.20e-05
296	3	-2.25e-03	0.05	-0.06	-7.65e-05	3.33e-05	1.65e-05
296	4	-1.97e-03	0.05	-0.05	-6.56e-05	2.92e-05	1.43e-05
296	5	-1.97e-03	0.05	-0.05	-6.56e-05	2.92e-05	1.43e-05
297	1	9.92e-04	0.08	-0.08	-1.87e-04	-5.06e-05	2.28e-05
297	3	7.40e-04	0.06	-0.06	-1.41e-04	-3.82e-05	1.71e-05
297	4	6.08e-04	0.05	-0.05	-1.21e-04	-3.35e-05	1.48e-05
297	5	6.08e-04	0.05	-0.05	-1.21e-04	-3.35e-05	1.48e-05
298	1	9.87e-04	0.03	-0.05	-1.14e-03	-6.45e-05	2.28e-05
298	3	7.36e-04	0.02	-0.04	-8.62e-04	-4.86e-05	1.71e-05
298	4	6.04e-04	0.02	-0.03	-7.43e-04	-4.24e-05	1.48e-05
298	5	6.04e-04	0.02	-0.03	-7.43e-04	-4.24e-05	1.48e-05
299	1	-3.74e-03	0.06	-0.06	-1.76e-04	9.66e-05	2.17e-05
299	3	-2.82e-03	0.05	-0.04	-1.33e-04	7.28e-05	1.63e-05
299	4	-2.45e-03	0.04	-0.04	-1.14e-04	6.32e-05	1.41e-05
299	5	-2.45e-03	0.04	-0.04	-1.14e-04	6.32e-05	1.41e-05
300	1	-3.93e-03	0.07	-0.08	-1.05e-04	8.70e-05	2.53e-05
300	3	-2.97e-03	0.05	-0.06	-7.93e-05	6.56e-05	1.90e-05
300	4	-2.58e-03	0.05	-0.05	-6.80e-05	5.70e-05	1.64e-05
300	5	-2.58e-03	0.05	-0.05	-6.80e-05	5.70e-05	1.64e-05
301	1	-9.29e-04	0.08	-0.07	-1.94e-04	-9.35e-05	2.59e-05

301	3	-6.97e-04	0.06	-0.06	-1.46e-04	-7.05e-05	1.95e-05
301	4	-5.97e-04	0.05	-0.05	-1.26e-04	-6.15e-05	1.68e-05
301	5	-5.97e-04	0.05	-0.05	-1.26e-04	-6.15e-05	1.68e-05
302	1	-1.06e-03	0.03	-0.05	-1.15e-03	-1.03e-04	2.25e-05
302	3	-7.95e-04	0.02	-0.04	-8.64e-04	-7.75e-05	1.69e-05
302	4	-6.81e-04	0.02	-0.03	-7.45e-04	-6.75e-05	1.46e-05
302	5	-6.81e-04	0.02	-0.03	-7.45e-04	-6.75e-05	1.46e-05
303	1	-4.28e-03	0.06	-0.07	-1.74e-04	8.90e-05	2.34e-05
303	3	-3.23e-03	0.05	-0.05	-1.31e-04	6.71e-05	1.76e-05
303	4	-2.82e-03	0.04	-0.05	-1.13e-04	5.83e-05	1.52e-05
303	5	-2.82e-03	0.04	-0.05	-1.13e-04	5.83e-05	1.52e-05
304	1	-4.50e-03	0.07	-0.09	-1.09e-04	7.69e-05	2.58e-05
304	3	-3.39e-03	0.05	-0.07	-8.24e-05	5.80e-05	1.95e-05
304	4	-2.96e-03	0.05	-0.06	-7.06e-05	5.05e-05	1.68e-05
304	5	-2.96e-03	0.05	-0.06	-7.06e-05	5.05e-05	1.68e-05
305	1	-3.12e-04	0.08	-0.09	-2.16e-04	-1.56e-04	2.61e-05
305	3	-2.37e-04	0.06	-0.06	-1.63e-04	-1.18e-04	1.97e-05
305	4	-2.19e-04	0.05	-0.06	-1.40e-04	-1.02e-04	1.69e-05
305	5	-2.19e-04	0.05	-0.06	-1.40e-04	-1.02e-04	1.69e-05
306	1	-5.78e-04	0.03	-0.06	-1.15e-03	-1.70e-04	2.38e-05
306	3	-4.38e-04	0.02	-0.04	-8.67e-04	-1.28e-04	1.79e-05
306	4	-3.92e-04	0.02	-0.04	-7.47e-04	-1.11e-04	1.54e-05
306	5	-3.92e-04	0.02	-0.04	-7.47e-04	-1.11e-04	1.54e-05
307	1	-3.86e-03	0.06	-0.10	-1.61e-04	1.59e-05	2.55e-05
307	3	-2.91e-03	0.04	-0.08	-1.21e-04	1.20e-05	1.92e-05
307	4	-2.53e-03	0.04	-0.07	-1.05e-04	1.04e-05	1.65e-05
307	5	-2.53e-03	0.04	-0.07	-1.05e-04	1.04e-05	1.65e-05
308	1	-3.87e-03	0.07	-0.12	-9.31e-05	-1.27e-05	2.55e-05
308	3	-2.92e-03	0.05	-0.09	-7.01e-05	-9.49e-06	1.92e-05
308	4	-2.53e-03	0.05	-0.08	-6.02e-05	-7.95e-06	1.65e-05
308	5	-2.53e-03	0.05	-0.08	-6.02e-05	-7.95e-06	1.65e-05
309	1	6.75e-04	0.08	-0.08	-2.25e-04	-1.41e-04	2.51e-05
309	3	5.11e-04	0.06	-0.06	-1.69e-04	-1.07e-04	1.89e-05
309	4	4.49e-04	0.05	-0.05	-1.46e-04	-9.24e-05	1.63e-05
309	5	4.49e-04	0.05	-0.05	-1.46e-04	-9.24e-05	1.63e-05
310	1	6.63e-04	0.03	-0.05	-1.15e-03	-1.48e-04	2.51e-05
310	3	5.03e-04	0.02	-0.04	-8.69e-04	-1.12e-04	1.89e-05
310	4	4.42e-04	0.02	-0.03	-7.49e-04	-9.70e-05	1.63e-05
310	5	4.42e-04	0.02	-0.03	-7.49e-04	-9.70e-05	1.63e-05
311	1	-6.84e-03	0.05	-0.09	-1.89e-05	-1.30e-05	2.64e-05
311	3	-5.14e-03	0.04	-0.07	-1.43e-05	-1.99e-06	1.99e-05
311	4	-4.41e-03	0.04	-0.06	-1.22e-05	-8.57e-06	1.71e-05
311	5	-4.41e-03	0.04	-0.06	-1.22e-05	-8.57e-06	1.71e-05
312	1	-6.84e-03	0.07	-0.10	-3.41e-05	-2.87e-05	2.64e-05
312	3	-5.14e-03	0.05	-0.08	-2.57e-05	-2.16e-05	1.99e-05
312	4	-4.41e-03	0.04	-0.07	-2.20e-05	-1.71e-05	1.71e-05
312	5	-4.41e-03	0.04	-0.07	-2.20e-05	-1.87e-05	1.71e-05
313	1	-2.97e-03	0.08	-0.08	-2.37e-04	-1.24e-04	2.58e-05
313	3	-2.23e-03	0.06	-0.06	-1.79e-04	-9.37e-05	1.94e-05
313	4	-1.91e-03	0.05	-0.05	-1.54e-04	-8.16e-05	1.67e-05
313	5	-1.91e-03	0.05	-0.05	-1.54e-04	-8.16e-05	1.67e-05
314	1	-2.98e-03	0.03	-0.05	-1.16e-03	-1.34e-04	2.58e-05
314	3	-2.24e-03	0.02	-0.04	-8.72e-04	-1.01e-04	1.94e-05
314	4	-1.91e-03	0.02	-0.03	-7.51e-04	-8.78e-05	1.67e-05
314	5	-1.91e-03	0.02	-0.03	-7.51e-04	-8.78e-05	1.67e-05
315	1	-0.01	0.06	-0.06	-6.89e-05	4.82e-05	2.71e-05
315	3	-0.01	0.04	-0.05	-5.19e-05	3.64e-05	2.04e-05
315	4	-8.67e-03	0.04	-0.04	-4.48e-05	3.18e-05	1.76e-05
315	5	-8.67e-03	0.04	-0.04	-4.48e-05	3.18e-05	1.76e-05
316	1	-0.01	0.07	-0.08	-6.99e-05	3.21e-05	2.71e-05
316	3	-0.01	0.05	-0.06	-5.27e-05	2.43e-05	2.04e-05
316	4	-8.68e-03	0.05	-0.05	-4.55e-05	2.14e-05	1.76e-05
316	5	-8.68e-03	0.05	-0.05	-4.55e-05	2.14e-05	1.76e-05
317	1	-9.19e-03	0.09	-0.08	-2.57e-04	-7.06e-05	2.61e-05
317	3	-6.92e-03	0.06	-0.06	-1.94e-04	-5.32e-05	1.96e-05
317	4	-5.95e-03	0.06	-0.05	-1.67e-04	-4.65e-05	1.69e-05
317	5	-5.95e-03	0.06	-0.05	-1.67e-04	-4.65e-05	1.69e-05
318	1	-9.20e-03	0.03	-0.05	-1.16e-03	-8.33e-05	2.61e-05
318	3	-6.93e-03	0.02	-0.04	-8.74e-04	-6.28e-05	1.96e-05
318	4	-5.96e-03	0.02	-0.03	-7.54e-04	-5.47e-05	1.69e-05
318	5	-5.96e-03	0.02	-0.03	-7.54e-04	-5.47e-05	1.69e-05
319	1	-0.01	0.06	-0.06	-1.16e-04	9.48e-05	2.81e-05
319	3	-0.01	0.04	-0.04	-8.75e-05	7.15e-05	2.12e-05
319	4	-9.16e-03	0.04	-0.04	-7.55e-05	6.26e-05	1.82e-05
319	5	-9.16e-03	0.04	-0.04	-7.55e-05	6.26e-05	1.82e-05
320	1	-0.01	0.07	-0.08	-1.28e-04	8.49e-05	2.79e-05
320	3	-0.01	0.06	-0.06	-9.67e-05	6.41e-05	2.10e-05

320	4	-9.31e-03	0.05	-0.05	-8.36e-05	5.62e-05	1.81e-05
320	5	-9.31e-03	0.05	-0.05	-8.36e-05	5.62e-05	1.81e-05
321	1	-0.01	0.09	-0.08	-2.82e-04	-9.49e-05	2.61e-05
321	3	-8.68e-03	0.07	-0.06	-2.12e-04	-7.16e-05	1.96e-05
321	4	-7.48e-03	0.06	-0.05	-1.83e-04	-6.26e-05	1.69e-05
321	5	-7.48e-03	0.06	-0.05	-1.83e-04	-6.26e-05	1.69e-05
322	1	-0.01	0.03	-0.06	-1.16e-03	-1.12e-04	2.55e-05
322	3	-8.76e-03	0.02	-0.04	-8.77e-04	-8.47e-05	1.92e-05
322	4	-7.54e-03	0.02	-0.04	-7.56e-04	-7.39e-05	1.66e-05
322	5	-7.54e-03	0.02	-0.04	-7.56e-04	-7.39e-05	1.66e-05
323	1	-0.02	0.06	-0.07	-1.63e-04	1.38e-04	2.94e-05
323	3	-0.01	0.04	-0.05	-1.23e-04	1.04e-04	2.21e-05
323	4	-0.01	0.04	-0.05	-1.06e-04	9.06e-05	1.91e-05
323	5	-0.01	0.04	-0.05	-1.06e-04	9.06e-05	1.91e-05
324	1	-0.02	0.08	-0.10	-1.87e-04	1.22e-04	2.87e-05
324	3	-0.01	0.06	-0.07	-1.41e-04	9.17e-05	2.16e-05
324	4	-0.01	0.05	-0.06	-1.21e-04	7.98e-05	1.86e-05
324	5	-0.01	0.05	-0.06	-1.21e-04	7.98e-05	1.86e-05
325	1	-0.01	0.09	-0.10	-3.19e-04	-1.61e-04	2.54e-05
325	3	-9.86e-03	0.07	-0.08	-2.41e-04	-1.22e-04	1.91e-05
325	4	-8.50e-03	0.06	-0.07	-2.08e-04	-1.05e-04	1.64e-05
325	5	-8.50e-03	0.06	-0.07	-2.08e-04	-1.05e-04	1.64e-05
326	1	-0.01	0.03	-0.07	-1.16e-03	-1.81e-04	2.46e-05
326	3	-0.01	0.03	-0.05	-8.73e-04	-1.85e-05	1.85e-05
326	4	-8.69e-03	0.02	-0.04	-7.52e-04	-1.18e-04	1.60e-05
326	5	-8.69e-03	0.02	-0.04	-7.52e-04	-1.18e-04	1.60e-05
327	1	0.02	0.14	-0.12	-2.68e-04	3.74e-05	1.91e-05
327	3	0.01	0.11	-0.09	-2.02e-04	2.82e-05	1.44e-05
327	4	0.01	0.09	-0.08	-1.70e-04	2.42e-05	1.23e-05
327	5	0.01	0.09	-0.08	-1.70e-04	2.42e-05	1.23e-05
328	1	-0.04	0.13	-0.23	-4.15e-06	-2.79e-04	2.51e-05
328	3	-0.03	0.10	-0.17	-2.51e-06	-2.10e-04	1.89e-05
328	4	-0.03	0.09	-0.15	-1.69e-06	-1.79e-04	1.63e-05
328	5	-0.03	0.09	-0.15	-1.69e-06	-1.79e-04	1.63e-05
329	1	-0.04	0.14	-0.14	-2.03e-05	-2.92e-04	2.51e-05
329	3	-0.03	0.10	-0.11	-1.47e-05	-2.20e-04	1.89e-05
329	4	-0.03	0.09	-0.09	-1.25e-05	-1.87e-04	1.63e-05
329	5	-0.03	0.09	-0.09	-1.25e-05	-1.87e-04	1.63e-05
330	1	-1.29e-04	0.11	-0.18	4.61e-05	1.57e-04	2.64e-05
330	3	-1.11e-04	0.09	-0.13	3.46e-05	1.18e-04	1.99e-05
330	4	-2.75e-04	0.07	-0.11	2.97e-05	9.94e-05	1.71e-05
330	5	-2.75e-04	0.07	-0.11	2.97e-05	9.94e-05	1.71e-05
331	1	-1.18e-03	0.12	-0.25	3.70e-05	1.41e-04	2.64e-05
331	3	-9.00e-04	0.09	-0.19	2.76e-05	1.06e-04	1.99e-05
331	4	-9.57e-04	0.08	-0.16	2.32e-05	8.90e-05	1.71e-05
331	5	-9.57e-04	0.08	-0.16	2.32e-05	8.90e-05	1.71e-05
332	1	0.01	0.14	-0.14	-1.52e-04	3.09e-05	1.99e-05
332	3	0.01	0.10	-0.11	-1.14e-04	2.32e-05	1.50e-05
332	4	8.80e-03	0.09	-0.09	-9.61e-05	2.01e-05	1.29e-05
332	5	8.80e-03	0.09	-0.09	-9.61e-05	2.01e-05	1.29e-05
333	1	0.01	0.13	-0.15	-6.85e-05	2.20e-04	2.16e-05
333	3	9.56e-03	0.10	-0.11	-5.15e-05	1.66e-04	1.62e-05
333	4	8.18e-03	0.09	-0.09	-4.31e-05	1.41e-04	1.40e-05
333	5	8.18e-03	0.09	-0.09	-4.31e-05	1.41e-04	1.40e-05
334	1	-0.04	0.13	-0.23	-9.65e-06	-3.00e-04	2.58e-05
334	3	-0.03	0.10	-0.17	-6.80e-06	-2.26e-04	1.94e-05
334	4	-0.03	0.09	-0.15	-6.56e-06	-1.92e-04	1.67e-05
334	5	-0.03	0.09	-0.15	-6.56e-06	-1.92e-04	1.67e-05
335	1	-0.04	0.14	-0.14	-6.60e-05	-3.14e-04	2.58e-05
335	3	-0.03	0.10	-0.11	-4.92e-05	-2.36e-04	1.94e-05
335	4	-0.03	0.09	-0.09	-4.28e-05	-2.01e-04	1.67e-05
335	5	-0.03	0.09	-0.09	-4.28e-05	-2.01e-04	1.67e-05
336	1	-1.25e-04	0.11	-0.17	8.00e-05	1.82e-04	2.71e-05
336	3	-1.14e-04	0.08	-0.12	6.00e-05	1.37e-04	2.04e-05
336	4	-2.84e-04	0.07	-0.11	5.07e-05	1.16e-04	1.76e-05
336	5	-2.84e-04	0.07	-0.11	5.07e-05	1.16e-04	1.76e-05
337	1	-1.88e-03	0.11	-0.24	8.08e-05	1.53e-04	2.71e-05
337	3	-1.43e-03	0.08	-0.18	6.04e-05	1.15e-04	2.04e-05
337	4	-1.41e-03	0.07	-0.15	4.98e-05	9.68e-05	1.76e-05
337	5	-1.41e-03	0.07	-0.15	4.98e-05	9.68e-05	1.76e-05
338	1	0.01	0.13	-0.15	-2.80e-05	2.24e-04	2.17e-05
338	3	7.65e-03	0.10	-0.11	-2.11e-05	1.69e-04	1.64e-05
338	4	6.54e-03	0.09	-0.09	-1.76e-05	1.43e-04	1.41e-05
338	5	6.54e-03	0.09	-0.09	-1.76e-05	1.43e-04	1.41e-05
339	1	6.08e-03	0.13	-0.15	-1.02e-05	3.25e-05	2.08e-05
339	3	4.60e-03	0.10	-0.11	-7.76e-06	2.46e-05	1.57e-05
339	4	3.93e-03	0.08	-0.10	-6.45e-06	2.11e-05	1.35e-05

339	5	3.93e-03	0.08	-0.10	-6.45e-06	2.11e-05	1.35e-05
340	1	-0.04	0.13	-0.23	-8.56e-06	-2.44e-04	2.61e-05
340	3	-0.03	0.10	-0.17	-6.17e-06	-1.83e-04	1.96e-05
340	4	-0.03	0.09	-0.15	-7.71e-06	-1.56e-04	1.69e-05
340	5	-0.03	0.09	-0.15	-7.71e-06	-1.56e-04	1.69e-05
341	1	-0.04	0.14	-0.15	-1.26e-04	-2.61e-04	2.61e-05
341	3	-0.03	0.11	-0.11	-9.42e-05	-1.96e-04	1.96e-05
341	4	-0.03	0.09	-0.09	-8.25e-05	-1.67e-04	1.69e-05
341	5	-0.03	0.09	-0.09	-8.25e-05	-1.67e-04	1.69e-05
342	1	-0.01	0.11	-0.16	7.79e-05	1.88e-05	2.81e-05
342	3	-0.01	0.08	-0.12	5.82e-05	1.46e-05	2.12e-05
342	4	-8.75e-03	0.07	-0.10	4.79e-05	1.26e-05	1.82e-05
342	5	-8.75e-03	0.07	-0.10	4.79e-05	1.26e-05	1.82e-05
343	1	-0.01	0.11	-0.23	1.27e-04	1.98e-05	2.79e-05
343	3	-0.01	0.08	-0.18	9.48e-05	1.53e-05	2.10e-05
343	4	-8.71e-03	0.07	-0.15	7.79e-05	1.30e-05	1.81e-05
343	5	-8.71e-03	0.07	-0.15	7.79e-05	1.30e-05	1.81e-05
344	1	3.17e-03	0.13	-0.15	-8.61e-06	3.58e-05	2.00e-05
344	3	2.40e-03	0.10	-0.11	-6.57e-06	2.70e-05	1.51e-05
344	4	2.01e-03	0.08	-0.10	-5.39e-06	2.26e-05	1.30e-05
344	5	2.01e-03	0.08	-0.10	-5.39e-06	2.26e-05	1.30e-05
345	1	1.27e-03	0.13	-0.15	-3.41e-05	2.28e-04	2.17e-05
345	3	9.65e-04	0.10	-0.11	-2.57e-05	1.71e-04	1.63e-05
345	4	7.68e-04	0.08	-0.10	-2.17e-05	1.45e-04	1.41e-05
345	5	7.68e-04	0.08	-0.10	-2.17e-05	1.45e-04	1.41e-05
346	1	-0.03	0.13	-0.23	2.56e-05	-4.08e-05	2.61e-05
346	3	-0.02	0.10	-0.17	1.94e-05	-3.06e-05	1.96e-05
346	4	-0.02	0.08	-0.15	1.27e-05	-2.61e-05	1.69e-05
346	5	-0.02	0.08	-0.15	1.27e-05	-2.61e-05	1.69e-05
347	1	-0.03	0.14	-0.16	-1.82e-04	-6.55e-05	2.55e-05
347	3	-0.02	0.11	-0.12	-1.37e-04	-4.91e-05	1.92e-05
347	4	-0.02	0.09	-0.10	-1.20e-04	-4.20e-05	1.66e-05
347	5	-0.02	0.09	-0.10	-1.20e-04	-4.20e-05	1.66e-05
348	1	-0.02	0.10	-0.16	1.11e-04	3.51e-05	2.94e-05
348	3	-0.01	0.08	-0.12	8.32e-05	2.65e-05	2.21e-05
348	4	-0.01	0.07	-0.10	6.80e-05	2.28e-05	1.91e-05
348	5	-0.01	0.07	-0.10	6.80e-05	2.28e-05	1.91e-05
349	1	-0.02	0.10	-0.22	2.25e-04	3.37e-05	2.87e-05
349	3	-0.01	0.07	-0.17	1.68e-04	2.55e-05	2.16e-05
349	4	-0.01	0.06	-0.14	1.40e-04	2.19e-05	1.86e-05
349	5	-0.01	0.06	-0.14	1.40e-04	2.19e-05	1.86e-05
350	1	-1.93e-03	0.13	-0.15	-8.16e-05	2.19e-04	2.20e-05
350	3	-1.43e-03	0.09	-0.11	-6.14e-05	1.65e-04	1.65e-05
350	4	-1.28e-03	0.08	-0.10	-5.23e-05	1.40e-04	1.43e-05
350	5	-1.28e-03	0.08	-0.10	-5.23e-05	1.40e-04	1.43e-05
351	1	-5.86e-03	0.13	-0.16	-1.20e-04	9.08e-06	2.17e-05
351	3	-4.39e-03	0.09	-0.12	-9.07e-05	6.91e-06	1.63e-05
351	4	-3.81e-03	0.08	-0.10	-7.73e-05	6.04e-06	1.41e-05
351	5	-3.81e-03	0.08	-0.10	-7.73e-05	6.04e-06	1.41e-05
352	1	-0.03	0.12	-0.23	1.12e-04	-1.12e-05	2.54e-05
352	3	-0.02	0.09	-0.17	8.42e-05	-8.43e-06	1.91e-05
352	4	-0.02	0.08	-0.15	6.68e-05	-7.19e-06	1.64e-05
352	5	-0.02	0.08	-0.15	6.68e-05	-7.19e-06	1.64e-05
353	1	-0.03	0.14	-0.17	-2.14e-04	-3.46e-05	2.46e-05
353	3	-0.02	0.11	-0.13	-1.61e-04	-2.60e-05	1.85e-05
353	4	-0.02	0.09	-0.11	-1.43e-04	-2.23e-05	1.60e-05
353	5	-0.02	0.09	-0.11	-1.43e-04	-2.23e-05	1.60e-05
354	1	-3.56e-03	0.10	-0.14	1.70e-04	2.67e-04	3.05e-05
354	3	-2.70e-03	0.07	-0.11	1.27e-04	2.00e-04	2.30e-05
354	4	-2.46e-03	0.06	-0.09	1.04e-04	1.71e-04	1.98e-05
354	5	-2.46e-03	0.06	-0.09	1.04e-04	1.71e-04	1.98e-05
355	1	-7.60e-03	0.09	-0.20	3.15e-04	2.06e-04	2.95e-05
355	3	-5.74e-03	0.07	-0.15	2.36e-04	1.55e-04	2.22e-05
355	4	-5.04e-03	0.06	-0.13	1.97e-04	1.32e-04	1.91e-05
355	5	-5.04e-03	0.06	-0.13	1.97e-04	1.32e-04	1.91e-05
356	1	-9.29e-03	0.12	-0.17	-1.17e-04	-1.57e-06	2.34e-05
356	3	-6.99e-03	0.09	-0.13	-8.78e-05	-1.17e-06	1.76e-05
356	4	-6.04e-03	0.08	-0.11	-7.48e-05	-1.05e-06	1.52e-05
356	5	-6.04e-03	0.08	-0.11	-7.48e-05	-1.05e-06	1.52e-05
357	1	-9.54e-03	0.12	-0.18	-4.51e-05	1.35e-04	2.55e-05
357	3	-7.17e-03	0.09	-0.14	-3.40e-05	1.01e-04	1.92e-05
357	4	-6.22e-03	0.08	-0.12	-2.87e-05	8.50e-05	1.65e-05
357	5	-6.22e-03	0.08	-0.12	-2.87e-05	8.50e-05	1.65e-05
358	1	-0.03	0.11	-0.21	1.95e-04	-5.95e-05	2.46e-05
358	3	-0.02	0.08	-0.16	1.46e-04	-4.47e-05	1.85e-05
358	4	-0.02	0.07	-0.14	1.19e-04	-3.77e-05	1.60e-05
358	5	-0.02	0.07	-0.14	1.19e-04	-3.77e-05	1.60e-05

359	1	-0.02	0.06	-0.10	-3.38e-04	1.35e-04	3.05e-05
359	3	-0.02	0.04	-0.08	-2.55e-04	1.02e-04	2.30e-05
359	4	-0.02	0.04	-0.06	-2.20e-04	8.83e-05	1.98e-05
359	5	-0.02	0.04	-0.06	-2.20e-04	8.83e-05	1.98e-05
360	1	-0.02	0.08	-0.11	-5.69e-05	1.19e-04	2.95e-05
360	3	-0.02	0.06	-0.08	-4.30e-05	8.96e-05	2.22e-05
360	4	-0.02	0.05	-0.07	-3.78e-05	7.77e-05	1.91e-05
360	5	-0.02	0.05	-0.07	-3.78e-05	7.77e-05	1.91e-05
361	1	-0.03	0.14	-0.18	-1.92e-04	-7.69e-05	2.36e-05
361	3	-0.03	0.11	-0.14	-1.45e-04	-5.78e-05	1.78e-05
361	4	-0.02	0.09	-0.12	-1.30e-04	-4.88e-05	1.54e-05
361	5	-0.02	0.09	-0.12	-1.30e-04	-4.88e-05	1.54e-05
362	1	-0.03	0.11	-0.12	-1.14e-04	-1.35e-04	2.81e-05
362	3	-0.02	0.08	-0.09	-8.63e-05	-1.02e-04	2.12e-05
362	4	-0.02	0.07	-0.07	-7.38e-05	-8.70e-05	1.82e-05
362	5	-0.02	0.07	-0.07	-7.38e-05	-8.70e-05	1.82e-05
363	1	-0.03	0.09	-0.12	-1.08e-04	1.32e-04	2.46e-05
363	3	-0.02	0.07	-0.09	-8.13e-05	9.94e-05	1.85e-05
363	4	-0.02	0.06	-0.08	-7.10e-05	8.49e-05	1.60e-05
363	5	-0.02	0.06	-0.08	-7.10e-05	8.49e-05	1.60e-05
364	1	-0.03	0.03	-0.15	-8.41e-04	1.50e-04	2.36e-05
364	3	-0.02	0.03	-0.11	-6.34e-04	1.13e-04	1.78e-05
364	4	-0.02	0.02	-0.10	-5.47e-04	9.69e-05	1.54e-05
364	5	-0.02	0.02	-0.10	-5.47e-04	9.69e-05	1.54e-05
365	1	0.02	0.08	-0.04	-1.65e-04	5.33e-05	1.81e-05
365	3	0.01	0.06	-0.03	-1.24e-04	4.02e-05	1.36e-05
365	4	0.01	0.05	-0.03	-1.07e-04	3.48e-05	1.17e-05
365	5	0.01	0.05	-0.03	-1.07e-04	3.48e-05	1.17e-05
366	1	0.02	0.08	-0.07	-8.90e-05	3.95e-05	2.29e-05
366	3	0.01	0.06	-0.05	-6.70e-05	2.98e-05	1.72e-05
366	4	9.80e-03	0.05	-0.04	-5.75e-05	2.59e-05	1.49e-05
366	5	9.80e-03	0.05	-0.04	-5.75e-05	2.59e-05	1.49e-05
367	1	0.01	0.08	-0.07	-1.30e-04	8.54e-05	5.00e-05
367	3	9.50e-03	0.06	-0.05	-9.81e-05	6.46e-05	3.77e-05
367	4	8.16e-03	0.05	-0.04	-8.41e-05	5.71e-05	3.23e-05
367	5	8.16e-03	0.05	-0.04	-8.41e-05	5.71e-05	3.23e-05
368	1	9.99e-03	0.08	-0.08	-1.29e-04	9.53e-05	5.01e-05
368	3	7.52e-03	0.06	-0.06	-9.73e-05	7.21e-05	3.77e-05
368	4	6.45e-03	0.05	-0.05	-8.34e-05	6.40e-05	3.23e-05
368	5	6.45e-03	0.05	-0.05	-8.34e-05	6.40e-05	3.23e-05
369	1	0.01	0.08	-0.07	-1.00e-04	-4.34e-05	2.87e-05
369	3	8.63e-03	0.06	-0.05	-7.55e-05	-3.28e-05	2.16e-05
369	4	7.39e-03	0.05	-0.04	-6.47e-05	-2.85e-05	1.86e-05
369	5	7.39e-03	0.05	-0.04	-6.47e-05	-2.85e-05	1.86e-05
370	1	0.01	0.09	-0.04	-4.75e-04	-5.73e-05	2.63e-05
370	3	7.74e-03	0.07	-0.03	-3.58e-04	-4.32e-05	1.98e-05
370	4	6.63e-03	0.06	-0.03	-3.09e-04	-3.74e-05	1.70e-05
370	5	6.63e-03	0.06	-0.03	-3.09e-04	-3.74e-05	1.70e-05
371	1	0.01	0.08	-0.06	-1.65e-04	3.96e-05	1.91e-05
371	3	0.01	0.06	-0.04	-1.24e-04	2.99e-05	1.44e-05
371	4	9.00e-03	0.05	-0.04	-1.07e-04	2.63e-05	1.23e-05
371	5	9.00e-03	0.05	-0.04	-1.07e-04	2.63e-05	1.23e-05
372	1	0.01	0.08	-0.08	-8.91e-05	2.64e-05	2.36e-05
372	3	9.48e-03	0.06	-0.06	-6.71e-05	2.00e-05	1.78e-05
372	4	8.22e-03	0.05	-0.05	-5.76e-05	1.78e-05	1.53e-05
372	5	8.22e-03	0.05	-0.05	-5.76e-05	1.78e-05	1.53e-05
373	1	7.41e-03	0.08	-0.09	-1.30e-04	1.19e-04	4.97e-05
373	3	5.57e-03	0.06	-0.07	-9.81e-05	8.98e-05	3.74e-05
373	4	4.77e-03	0.05	-0.06	-8.41e-05	7.94e-05	3.20e-05
373	5	4.77e-03	0.05	-0.06	-8.41e-05	7.94e-05	3.20e-05
374	1	6.17e-03	0.08	-0.09	-1.27e-04	1.18e-04	4.62e-05
374	3	4.64e-03	0.06	-0.07	-9.57e-05	8.91e-05	3.48e-05
374	4	3.96e-03	0.05	-0.06	-8.21e-05	7.86e-05	2.98e-05
374	5	3.96e-03	0.05	-0.06	-8.21e-05	7.86e-05	2.98e-05
375	1	8.68e-03	0.08	-0.08	-1.00e-04	-2.31e-05	2.80e-05
375	3	6.52e-03	0.06	-0.06	-7.56e-05	-1.75e-05	2.11e-05
375	4	5.55e-03	0.05	-0.05	-6.48e-05	-1.57e-05	1.81e-05
375	5	5.55e-03	0.05	-0.05	-6.48e-05	-1.57e-05	1.81e-05
376	1	7.68e-03	0.09	-0.06	-4.75e-04	-3.35e-05	2.53e-05
376	3	5.77e-03	0.07	-0.04	-3.58e-04	-2.53e-05	1.91e-05
376	4	4.90e-03	0.06	-0.04	-3.09e-04	-2.24e-05	1.64e-05
376	5	4.90e-03	0.06	-0.04	-3.09e-04	-2.24e-05	1.64e-05
377	1	0.01	0.07	-0.06	-1.65e-04	4.85e-05	1.99e-05
377	3	9.21e-03	0.06	-0.05	-1.24e-04	3.66e-05	1.50e-05
377	4	7.99e-03	0.05	-0.04	-1.07e-04	3.21e-05	1.29e-05
377	5	7.99e-03	0.05	-0.04	-1.07e-04	3.21e-05	1.29e-05
378	1	0.01	0.08	-0.09	-8.71e-05	3.36e-05	2.42e-05

378	3	8.11e-03	0.06	-0.07	-6.55e-05	2.54e-05	1.82e-05
378	4	7.04e-03	0.05	-0.06	-5.62e-05	2.24e-05	1.57e-05
378	5	7.04e-03	0.05	-0.06	-5.62e-05	2.24e-05	1.57e-05
379	1	4.83e-03	0.08	-0.09	-1.25e-04	1.17e-04	4.30e-05
379	3	3.62e-03	0.06	-0.07	-9.42e-05	8.82e-05	3.24e-05
379	4	3.08e-03	0.05	-0.06	-8.09e-05	7.76e-05	2.78e-05
379	5	3.08e-03	0.05	-0.06	-8.09e-05	7.76e-05	2.78e-05
380	1	3.20e-03	0.08	-0.09	-1.24e-04	1.13e-04	4.11e-05
380	3	2.40e-03	0.06	-0.07	-9.34e-05	8.57e-05	3.10e-05
380	4	2.03e-03	0.05	-0.06	-8.03e-05	7.55e-05	2.66e-05
380	5	2.03e-03	0.05	-0.06	-8.03e-05	7.55e-05	2.66e-05
381	1	6.13e-03	0.08	-0.09	-9.78e-05	-2.53e-05	2.73e-05
381	3	4.60e-03	0.06	-0.07	-7.36e-05	-1.91e-05	2.05e-05
381	4	3.90e-03	0.05	-0.06	-6.31e-05	-1.70e-05	1.77e-05
381	5	3.90e-03	0.05	-0.06	-6.31e-05	-1.70e-05	1.77e-05
382	1	4.37e-03	0.09	-0.06	-4.74e-04	-4.14e-05	2.43e-05
382	3	3.28e-03	0.07	-0.05	-3.57e-04	-3.13e-05	1.83e-05
382	4	2.76e-03	0.06	-0.04	-3.08e-04	-2.75e-05	1.57e-05
382	5	2.76e-03	0.06	-0.04	-3.08e-04	-2.75e-05	1.57e-05
383	1	0.01	0.07	-0.06	-1.65e-04	6.93e-05	2.16e-05
383	3	8.16e-03	0.06	-0.05	-1.24e-04	5.22e-05	1.62e-05
383	4	7.03e-03	0.05	-0.04	-1.07e-04	4.50e-05	1.40e-05
383	5	7.03e-03	0.05	-0.04	-1.07e-04	4.50e-05	1.40e-05
384	1	9.29e-03	0.08	-0.09	-8.22e-05	5.25e-05	2.16e-05
384	3	7.00e-03	0.06	-0.07	-6.19e-05	3.96e-05	1.62e-05
384	4	6.04e-03	0.05	-0.06	-5.31e-05	3.43e-05	1.40e-05
384	5	6.04e-03	0.05	-0.06	-5.31e-05	3.43e-05	1.40e-05
385	1	-3.93e-03	0.08	-0.10	-1.27e-04	1.28e-04	4.05e-05
385	3	-2.95e-03	0.06	-0.07	-9.57e-05	9.66e-05	3.05e-05
385	4	-2.49e-03	0.05	-0.06	-8.22e-05	8.49e-05	2.62e-05
385	5	-2.49e-03	0.05	-0.06	-8.22e-05	8.49e-05	2.62e-05
386	1	-4.25e-04	0.08	-0.09	-1.26e-04	1.20e-04	3.74e-05
386	3	-3.28e-04	0.06	-0.07	-9.52e-05	9.09e-05	2.82e-05
386	4	-3.15e-04	0.05	-0.06	-8.17e-05	8.03e-05	2.43e-05
386	5	-3.15e-04	0.05	-0.06	-8.17e-05	8.03e-05	2.43e-05
387	1	4.72e-03	0.08	-0.09	-8.79e-05	-5.23e-05	2.42e-05
387	3	3.54e-03	0.06	-0.07	-6.62e-05	-3.94e-05	1.82e-05
387	4	2.99e-03	0.05	-0.06	-5.68e-05	-3.41e-05	1.57e-05
387	5	2.99e-03	0.05	-0.06	-5.68e-05	-3.41e-05	1.57e-05
388	1	3.04e-03	0.09	-0.07	-4.72e-04	-7.03e-05	2.42e-05
388	3	2.27e-03	0.07	-0.05	-3.56e-04	-5.30e-05	1.82e-05
388	4	1.91e-03	0.06	-0.04	-3.07e-04	-4.57e-05	1.57e-05
388	5	1.91e-03	0.06	-0.04	-3.07e-04	-4.57e-05	1.57e-05
389	1	9.53e-03	0.07	-0.07	-1.65e-04	7.00e-05	2.17e-05
389	3	7.17e-03	0.06	-0.05	-1.24e-04	5.27e-05	1.64e-05
389	4	6.17e-03	0.05	-0.04	-1.07e-04	4.55e-05	1.41e-05
389	5	6.17e-03	0.05	-0.04	-1.07e-04	4.55e-05	1.41e-05
390	1	7.94e-03	0.08	-0.09	-7.76e-05	5.28e-05	2.17e-05
390	3	5.97e-03	0.06	-0.07	-5.85e-05	3.98e-05	1.64e-05
390	4	5.14e-03	0.05	-0.06	-5.03e-05	3.45e-05	1.41e-05
390	5	5.14e-03	0.05	-0.06	-5.03e-05	3.45e-05	1.41e-05
391	1	-1.78e-03	0.08	-0.09	-1.30e-04	1.12e-04	3.51e-05
391	3	-1.35e-03	0.06	-0.07	-9.76e-05	8.50e-05	2.65e-05
391	4	-1.21e-03	0.05	-0.06	-8.39e-05	7.50e-05	2.29e-05
391	5	-1.21e-03	0.05	-0.06	-8.39e-05	7.50e-05	2.29e-05
392	1	-2.97e-03	0.08	-0.10	-1.34e-04	9.68e-05	3.42e-05
392	3	-2.24e-03	0.06	-0.07	-1.01e-04	7.32e-05	2.58e-05
392	4	-1.96e-03	0.05	-0.06	-8.69e-05	6.49e-05	2.23e-05
392	5	-1.96e-03	0.05	-0.06	-8.69e-05	6.49e-05	2.23e-05
393	1	3.44e-03	0.08	-0.09	-7.99e-05	-5.34e-05	2.36e-05
393	3	2.57e-03	0.06	-0.07	-6.02e-05	-4.03e-05	1.77e-05
393	4	2.14e-03	0.05	-0.06	-5.17e-05	-3.48e-05	1.52e-05
393	5	2.14e-03	0.05	-0.06	-5.17e-05	-3.48e-05	1.52e-05
394	1	1.80e-03	0.09	-0.07	-4.71e-04	-7.11e-05	2.36e-05
394	3	1.34e-03	0.07	-0.05	-3.55e-04	-5.36e-05	1.77e-05
394	4	1.09e-03	0.06	-0.04	-3.06e-04	-4.61e-05	1.52e-05
394	5	1.09e-03	0.06	-0.04	-3.06e-04	-4.61e-05	1.52e-05
395	1	7.37e-03	0.07	-0.07	-1.64e-04	4.29e-05	2.08e-05
395	3	5.55e-03	0.06	-0.05	-1.24e-04	3.24e-05	1.57e-05
395	4	4.80e-03	0.05	-0.04	-1.07e-04	2.83e-05	1.35e-05
395	5	4.80e-03	0.05	-0.04	-1.07e-04	2.83e-05	1.35e-05
396	1	6.01e-03	0.08	-0.09	-7.48e-05	2.87e-05	2.51e-05
396	3	4.53e-03	0.06	-0.07	-5.64e-05	2.17e-05	1.89e-05
396	4	3.92e-03	0.05	-0.06	-4.85e-05	1.91e-05	1.63e-05
396	5	3.92e-03	0.05	-0.06	-4.85e-05	1.91e-05	1.63e-05
397	1	-3.30e-03	0.08	-0.11	-1.44e-04	8.33e-05	3.34e-05
397	3	-2.49e-03	0.06	-0.08	-1.09e-04	6.31e-05	2.51e-05

397	4	-2.19e-03	0.05	-0.07	-9.35e-05	5.64e-05	2.17e-05
397	5	-2.19e-03	0.05	-0.07	-9.35e-05	5.64e-05	2.17e-05
398	1	-1.64e-03	0.08	-0.12	-1.36e-04	-3.63e-05	3.92e-05
398	3	-1.23e-03	0.06	-0.09	-1.03e-04	-2.71e-05	2.95e-05
398	4	-1.06e-03	0.05	-0.08	-8.82e-05	-2.18e-05	2.54e-05
398	5	-1.06e-03	0.05	-0.08	-8.82e-05	-2.18e-05	2.54e-05
399	1	1.85e-03	0.08	-0.09	-7.57e-05	-2.77e-05	2.57e-05
399	3	1.38e-03	0.06	-0.07	-5.70e-05	-2.09e-05	1.93e-05
399	4	1.10e-03	0.05	-0.06	-4.89e-05	-1.85e-05	1.66e-05
399	5	1.10e-03	0.05	-0.06	-4.89e-05	-1.85e-05	1.66e-05
400	1	5.37e-04	0.09	-0.07	-4.68e-04	-4.12e-05	2.17e-05
400	3	3.88e-04	0.07	-0.05	-3.53e-04	-3.11e-05	1.63e-05
400	4	2.58e-04	0.06	-0.04	-3.05e-04	-2.73e-05	1.40e-05
400	5	2.58e-04	0.06	-0.04	-3.05e-04	-2.73e-05	1.40e-05
401	1	4.17e-03	0.07	-0.07	-1.64e-04	7.83e-05	2.00e-05
401	3	3.14e-03	0.06	-0.05	-1.24e-04	5.89e-05	1.51e-05
401	4	2.73e-03	0.05	-0.04	-1.07e-04	5.05e-05	1.30e-05
401	5	2.73e-03	0.05	-0.04	-1.07e-04	5.05e-05	1.30e-05
402	1	2.89e-03	0.08	-0.10	-7.32e-05	6.58e-05	2.48e-05
402	3	2.18e-03	0.06	-0.07	-5.51e-05	4.95e-05	1.87e-05
402	4	1.90e-03	0.05	-0.06	-4.75e-05	4.23e-05	1.61e-05
402	5	1.90e-03	0.05	-0.06	-4.75e-05	4.23e-05	1.61e-05
403	1	-5.33e-03	0.08	-0.11	-1.00e-04	2.28e-05	4.78e-05
403	3	-4.01e-03	0.06	-0.08	-7.57e-05	1.74e-05	3.60e-05
403	4	-3.44e-03	0.05	-0.07	-6.51e-05	1.67e-05	3.10e-05
403	5	-3.44e-03	0.05	-0.07	-6.51e-05	1.67e-05	3.10e-05
404	1	-0.01	0.07	-0.10	-1.31e-04	9.66e-05	2.85e-05
404	3	-9.06e-03	0.06	-0.07	-9.88e-05	7.30e-05	2.15e-05
404	4	-7.80e-03	0.05	-0.06	-8.53e-05	6.46e-05	1.86e-05
404	5	-7.80e-03	0.05	-0.06	-8.53e-05	6.46e-05	1.86e-05
405	1	-1.25e-04	0.08	-0.10	-6.96e-05	6.36e-05	2.57e-05
405	3	-1.11e-04	0.06	-0.08	-5.24e-05	4.76e-05	1.93e-05
405	4	-1.81e-04	0.05	-0.07	-4.49e-05	3.93e-05	1.67e-05
405	5	-1.81e-04	0.05	-0.07	-4.49e-05	3.93e-05	1.67e-05
406	1	-5.42e-04	0.09	-0.07	-4.66e-04	5.87e-05	2.13e-05
406	3	-4.24e-04	0.07	-0.05	-3.51e-04	4.39e-05	1.60e-05
406	4	-4.48e-04	0.06	-0.04	-3.03e-04	3.62e-05	1.38e-05
406	5	-4.48e-04	0.06	-0.04	-3.03e-04	3.62e-05	1.38e-05
407	1	4.22e-03	0.07	-0.07	-1.64e-04	7.03e-05	2.17e-05
407	3	3.17e-03	0.06	-0.05	-1.23e-04	5.29e-05	1.63e-05
407	4	2.74e-03	0.05	-0.04	-1.06e-04	4.56e-05	1.41e-05
407	5	2.74e-03	0.05	-0.04	-1.06e-04	4.56e-05	1.41e-05
408	1	2.64e-03	0.08	-0.10	-7.03e-05	5.31e-05	2.17e-05
408	3	1.99e-03	0.06	-0.07	-5.30e-05	4.00e-05	1.63e-05
408	4	1.73e-03	0.05	-0.06	-4.57e-05	3.47e-05	1.41e-05
408	5	1.73e-03	0.05	-0.06	-4.57e-05	3.47e-05	1.41e-05
409	1	-0.01	0.07	-0.10	-1.78e-04	1.14e-04	1.35e-05
409	3	-0.01	0.06	-0.07	-1.34e-04	8.64e-05	1.02e-05
409	4	-8.79e-03	0.05	-0.06	-1.16e-04	7.65e-05	8.88e-06
409	5	-8.79e-03	0.05	-0.06	-1.16e-04	7.65e-05	8.88e-06
410	1	-0.02	0.07	-0.12	-2.30e-04	1.18e-04	-1.71e-06
410	3	-0.01	0.06	-0.09	-1.73e-04	8.92e-05	-1.28e-06
410	4	-0.01	0.05	-0.08	-1.50e-04	7.90e-05	-1.02e-06
410	5	-0.01	0.05	-0.08	-1.50e-04	7.90e-05	-1.02e-06
411	1	-1.83e-03	0.08	-0.10	-5.83e-05	-5.46e-05	2.24e-05
411	3	-1.39e-03	0.06	-0.07	-4.39e-05	-4.11e-05	1.68e-05
411	4	-1.26e-03	0.05	-0.06	-3.77e-05	-3.55e-05	1.45e-05
411	5	-1.26e-03	0.05	-0.06	-3.77e-05	-3.55e-05	1.45e-05
412	1	-3.58e-03	0.09	-0.07	-4.63e-04	-7.34e-05	2.24e-05
412	3	-2.71e-03	0.07	-0.05	-3.49e-04	-5.53e-05	1.68e-05
412	4	-2.39e-03	0.06	-0.04	-3.01e-04	-4.77e-05	1.45e-05
412	5	-2.39e-03	0.06	-0.04	-3.01e-04	-4.77e-05	1.45e-05
413	1	2.61e-03	0.07	-0.07	-1.64e-04	6.70e-05	2.20e-05
413	3	1.96e-03	0.06	-0.05	-1.23e-04	5.05e-05	1.65e-05
413	4	1.68e-03	0.05	-0.04	-1.06e-04	4.36e-05	1.43e-05
413	5	1.68e-03	0.05	-0.04	-1.06e-04	4.36e-05	1.43e-05
414	1	1.04e-03	0.08	-0.10	-6.90e-05	4.97e-05	2.20e-05
414	3	7.80e-04	0.06	-0.07	-5.20e-05	3.75e-05	1.65e-05
414	4	6.73e-04	0.05	-0.06	-4.49e-05	3.25e-05	1.43e-05
414	5	6.73e-04	0.05	-0.06	-4.49e-05	3.25e-05	1.43e-05
415	1	-0.02	0.07	-0.12	-7.35e-05	8.24e-05	-2.23e-05
415	3	-0.02	0.06	-0.09	-5.55e-05	6.21e-05	-1.68e-05
415	4	-0.02	0.05	-0.08	-4.87e-05	5.38e-05	-1.44e-05
415	5	-0.02	0.05	-0.08	-4.87e-05	5.38e-05	-1.44e-05
416	1	0.01	0.08	-0.07	-1.56e-04	-8.64e-05	-1.87e-06
416	3	0.01	0.06	-0.05	-1.17e-04	-6.53e-05	-1.38e-06
416	4	8.99e-03	0.05	-0.04	-1.01e-04	-5.79e-05	-1.06e-06



416	5	8.99e-03	0.05	-0.04	-1.01e-04	-5.79e-05	-1.06e-06
417	1	-3.57e-03	0.08	-0.09	-5.10e-05	-5.81e-05	2.28e-05
417	3	-2.70e-03	0.06	-0.07	-3.84e-05	-4.37e-05	1.71e-05
417	4	-2.39e-03	0.06	-0.06	-3.31e-05	-3.78e-05	1.48e-05
417	5	-2.39e-03	0.06	-0.06	-3.31e-05	-3.78e-05	1.48e-05
418	1	-5.33e-03	0.09	-0.07	-4.60e-04	-7.69e-05	2.28e-05
418	3	-4.02e-03	0.07	-0.05	-3.47e-04	-5.79e-05	1.71e-05
418	4	-3.52e-03	0.06	-0.04	-2.99e-04	-4.99e-05	1.48e-05
418	5	-3.52e-03	0.06	-0.04	-2.99e-04	-4.99e-05	1.48e-05
419	1	4.47e-04	0.07	-0.07	-1.63e-04	3.11e-05	2.17e-05
419	3	3.42e-04	0.06	-0.05	-1.23e-04	2.35e-05	1.63e-05
419	4	3.18e-04	0.05	-0.05	-1.06e-04	2.05e-05	1.41e-05
419	5	3.18e-04	0.05	-0.05	-1.06e-04	2.05e-05	1.41e-05
420	1	-9.93e-04	0.08	-0.10	-6.90e-05	1.65e-05	2.53e-05
420	3	-7.42e-04	0.06	-0.08	-5.20e-05	1.25e-05	1.90e-05
420	4	-6.12e-04	0.05	-0.06	-4.49e-05	1.11e-05	1.64e-05
420	5	-6.12e-04	0.05	-0.06	-4.49e-05	1.11e-05	1.64e-05
421	1	0.01	0.08	-0.08	-1.55e-04	-1.05e-04	-1.80e-06
421	3	8.36e-03	0.06	-0.06	-1.17e-04	-7.97e-05	-1.32e-06
421	4	7.22e-03	0.05	-0.05	-1.00e-04	-7.08e-05	-1.00e-06
421	5	7.22e-03	0.05	-0.05	-1.00e-04	-7.08e-05	-1.00e-06
422	1	8.91e-03	0.08	-0.09	-1.58e-04	-1.05e-04	-1.50e-06
422	3	6.71e-03	0.06	-0.07	-1.19e-04	-7.94e-05	-1.09e-06
422	4	5.79e-03	0.05	-0.06	-1.02e-04	-7.03e-05	0.0
422	5	5.79e-03	0.05	-0.06	-1.02e-04	-7.03e-05	0.0
423	1	-5.76e-03	0.09	-0.09	-4.90e-05	-4.50e-05	2.59e-05
423	3	-4.35e-03	0.06	-0.07	-3.69e-05	-3.39e-05	1.95e-05
423	4	-3.82e-03	0.06	-0.06	-3.18e-05	-2.98e-05	1.68e-05
423	5	-3.82e-03	0.06	-0.06	-3.18e-05	-2.98e-05	1.68e-05
424	1	-7.09e-03	0.09	-0.07	-4.57e-04	-5.92e-05	2.25e-05
424	3	-5.35e-03	0.07	-0.05	-3.44e-04	-4.46e-05	1.69e-05
424	4	-4.68e-03	0.06	-0.04	-2.97e-04	-3.90e-05	1.46e-05
424	5	-4.68e-03	0.06	-0.04	-2.97e-04	-3.90e-05	1.46e-05
425	1	-1.17e-03	0.07	-0.09	-1.63e-04	1.65e-05	2.34e-05
425	3	-8.77e-04	0.06	-0.06	-1.23e-04	1.25e-05	1.76e-05
425	4	-7.43e-04	0.05	-0.06	-1.06e-04	1.12e-05	1.52e-05
425	5	-7.43e-04	0.05	-0.06	-1.06e-04	1.12e-05	1.52e-05
426	1	-2.93e-03	0.08	-0.11	-6.88e-05	0.0	2.58e-05
426	3	-2.21e-03	0.06	-0.09	-5.19e-05	0.0	1.95e-05
426	4	-1.88e-03	0.05	-0.07	-4.48e-05	0.0	1.68e-05
426	5	-1.88e-03	0.05	-0.07	-4.48e-05	0.0	1.68e-05
427	1	7.70e-03	0.08	-0.09	-1.55e-04	-1.14e-04	4.47e-06
427	3	5.79e-03	0.06	-0.07	-1.16e-04	-8.59e-05	3.39e-06
427	4	4.98e-03	0.05	-0.06	-9.99e-05	-7.57e-05	3.00e-06
427	5	4.98e-03	0.05	-0.06	-9.99e-05	-7.57e-05	3.00e-06
428	1	6.38e-03	0.08	-0.09	-1.53e-04	-1.18e-04	9.83e-06
428	3	4.80e-03	0.06	-0.07	-1.15e-04	-8.88e-05	7.42e-06
428	4	4.11e-03	0.05	-0.06	-9.89e-05	-7.83e-05	6.40e-06
428	5	4.11e-03	0.05	-0.06	-9.89e-05	-7.83e-05	6.40e-06
429	1	-8.36e-03	0.09	-0.10	-4.46e-05	-6.79e-05	2.61e-05
429	3	-6.31e-03	0.07	-0.08	-3.36e-05	-5.12e-05	1.97e-05
429	4	-5.51e-03	0.06	-0.07	-2.89e-05	-4.45e-05	1.69e-05
429	5	-5.51e-03	0.06	-0.07	-2.89e-05	-4.45e-05	1.69e-05
430	1	-0.01	0.09	-0.07	-4.54e-04	-8.62e-05	2.38e-05
430	3	-7.79e-03	0.07	-0.05	-3.42e-04	-6.49e-05	1.79e-05
430	4	-6.78e-03	0.06	-0.04	-2.95e-04	-5.62e-05	1.54e-05
430	5	-6.78e-03	0.06	-0.04	-2.95e-04	-5.62e-05	1.54e-05
431	1	-1.95e-03	0.07	-0.11	-1.76e-04	2.28e-05	2.55e-05
431	3	-1.47e-03	0.05	-0.09	-1.32e-04	1.72e-05	1.92e-05
431	4	-1.29e-03	0.05	-0.07	-1.14e-04	1.46e-05	1.65e-05
431	5	-1.29e-03	0.05	-0.07	-1.14e-04	1.46e-05	1.65e-05
432	1	-5.25e-03	0.08	-0.14	-7.66e-05	-9.42e-06	2.55e-05
432	3	-3.95e-03	0.06	-0.10	-5.77e-05	-7.08e-06	1.92e-05
432	4	-3.41e-03	0.05	-0.09	-4.96e-05	-6.14e-06	1.65e-05
432	5	-3.41e-03	0.05	-0.09	-4.96e-05	-6.14e-06	1.65e-05
433	1	4.47e-03	0.08	-0.09	-1.52e-04	-1.17e-04	1.29e-05
433	3	3.36e-03	0.06	-0.07	-1.15e-04	-8.87e-05	9.78e-06
433	4	2.89e-03	0.05	-0.06	-9.85e-05	-7.86e-05	8.46e-06
433	5	2.89e-03	0.05	-0.06	-9.85e-05	-7.86e-05	8.46e-06
434	1	-3.43e-03	0.08	-0.10	-1.57e-04	-7.44e-05	1.53e-05
434	3	-2.57e-03	0.06	-0.08	-1.18e-04	-5.65e-05	1.16e-05
434	4	-2.12e-03	0.05	-0.06	-1.02e-04	-5.17e-05	1.00e-05
434	5	-2.12e-03	0.05	-0.06	-1.02e-04	-5.17e-05	1.00e-05
435	1	-0.01	0.09	-0.10	-2.70e-05	-1.35e-04	2.51e-05
435	3	-8.83e-03	0.07	-0.07	-2.03e-05	-1.89e-05	1.89e-05
435	4	-7.65e-03	0.06	-0.06	-1.75e-05	-8.80e-05	1.63e-05
435	5	-7.65e-03	0.06	-0.06	-1.75e-05	-8.80e-05	1.63e-05

436	1	-0.01	0.09	-0.06	-4.50e-04	-1.47e-04	2.51e-05
436	3	-9.55e-03	0.07	-0.05	-3.39e-04	-1.11e-04	1.89e-05
436	4	-8.26e-03	0.06	-0.04	-2.93e-04	-9.54e-05	1.63e-05
436	5	-8.26e-03	0.06	-0.04	-2.93e-04	-9.54e-05	1.63e-05
437	1	-6.97e-03	0.07	-0.10	-2.58e-04	1.04e-05	2.64e-05
437	3	-5.24e-03	0.05	-0.08	-1.94e-04	7.76e-06	1.99e-05
437	4	-4.52e-03	0.05	-0.07	-1.67e-04	6.28e-06	1.71e-05
437	5	-4.52e-03	0.05	-0.07	-1.67e-04	6.28e-06	1.71e-05
438	1	-8.95e-03	0.07	-0.12	-1.01e-04	-1.08e-05	2.64e-05
438	3	-6.74e-03	0.06	-0.09	-7.60e-05	-8.16e-06	1.99e-05
438	4	-5.80e-03	0.05	-0.08	-6.56e-05	-7.34e-06	1.71e-05
438	5	-5.80e-03	0.05	-0.08	-6.56e-05	-7.34e-06	1.71e-05
439	1	1.18e-03	0.08	-0.09	-1.56e-04	-1.14e-04	2.23e-05
439	3	8.87e-04	0.06	-0.07	-1.17e-04	-8.63e-05	1.68e-05
439	4	7.54e-04	0.05	-0.06	-1.01e-04	-7.61e-05	1.45e-05
439	5	7.54e-04	0.05	-0.06	-1.01e-04	-7.61e-05	1.45e-05
440	1	-2.00e-04	0.08	-0.09	-1.59e-04	-1.25e-04	2.80e-05
440	3	-1.56e-04	0.06	-0.07	-1.20e-04	-9.43e-05	2.11e-05
440	4	-1.55e-04	0.05	-0.06	-1.03e-04	-8.29e-05	1.81e-05
440	5	-1.55e-04	0.05	-0.06	-1.03e-04	-8.29e-05	1.81e-05
441	1	-0.01	0.09	-0.10	-1.50e-05	-1.20e-04	2.58e-05
441	3	-0.01	0.07	-0.07	-1.13e-05	-9.06e-05	1.94e-05
441	4	-8.98e-03	0.06	-0.06	-9.90e-06	-7.84e-05	1.67e-05
441	5	-8.98e-03	0.06	-0.06	-9.90e-06	-7.84e-05	1.67e-05
442	1	-0.02	0.09	-0.06	-4.45e-04	-1.34e-04	2.58e-05
442	3	-0.01	0.07	-0.05	-3.36e-04	-1.01e-04	1.94e-05
442	4	-9.79e-03	0.06	-0.04	-2.90e-04	-8.74e-05	1.67e-05
442	5	-9.79e-03	0.06	-0.04	-2.90e-04	-8.74e-05	1.67e-05
443	1	-8.12e-03	0.07	-0.07	-2.49e-04	6.17e-05	2.71e-05
443	3	-6.11e-03	0.06	-0.06	-1.88e-04	4.65e-05	2.04e-05
443	4	-5.23e-03	0.05	-0.05	-1.62e-04	4.00e-05	1.76e-05
443	5	-5.23e-03	0.05	-0.05	-1.62e-04	4.00e-05	1.76e-05
444	1	-0.01	0.07	-0.10	-6.23e-05	4.06e-05	2.71e-05
444	3	-7.63e-03	0.06	-0.08	-4.70e-05	3.06e-05	2.04e-05
444	4	-6.54e-03	0.05	-0.07	-4.08e-05	2.64e-05	1.76e-05
444	5	-6.54e-03	0.05	-0.07	-4.08e-05	2.64e-05	1.76e-05
445	1	-1.71e-03	0.08	-0.09	-1.65e-04	-1.43e-04	3.07e-05
445	3	-1.29e-03	0.06	-0.07	-1.24e-04	-1.08e-04	2.32e-05
445	4	-1.10e-03	0.05	-0.06	-1.07e-04	-9.50e-05	1.99e-05
445	5	-1.10e-03	0.05	-0.06	-1.07e-04	-9.50e-05	1.99e-05
446	1	-1.62e-03	0.08	-0.11	-1.81e-04	-1.65e-04	3.33e-05
446	3	-1.22e-03	0.06	-0.08	-1.37e-04	-1.24e-04	2.50e-05
446	4	-1.06e-03	0.05	-0.07	-1.18e-04	-1.09e-04	2.15e-05
446	5	-1.06e-03	0.05	-0.07	-1.18e-04	-1.09e-04	2.15e-05
447	1	-0.02	0.09	-0.10	-2.85e-06	-7.17e-05	2.61e-05
447	3	-0.01	0.07	-0.07	-2.21e-06	-5.40e-05	1.96e-05
447	4	-9.84e-03	0.06	-0.06	-2.19e-06	-4.68e-05	1.69e-05
447	5	-9.84e-03	0.06	-0.06	-2.19e-06	-4.68e-05	1.69e-05
448	1	-0.02	0.09	-0.07	-4.41e-04	-8.93e-05	2.61e-05
448	3	-0.01	0.07	-0.05	-3.32e-04	-6.73e-05	1.96e-05
448	4	-0.01	0.06	-0.04	-2.87e-04	-5.81e-05	1.69e-05
448	5	-0.01	0.06	-0.04	-2.87e-04	-5.81e-05	1.69e-05
449	1	-9.45e-03	0.08	-0.07	-2.42e-04	3.41e-05	2.81e-05
449	3	-7.11e-03	0.06	-0.05	-1.82e-04	2.58e-05	2.12e-05
449	4	-6.08e-03	0.05	-0.05	-1.57e-04	2.28e-05	1.82e-05
449	5	-6.08e-03	0.05	-0.05	-1.57e-04	2.28e-05	1.82e-05
450	1	-0.01	0.08	-0.10	-3.66e-05	1.98e-05	2.79e-05
450	3	-8.23e-03	0.06	-0.07	-2.76e-05	1.50e-05	2.10e-05
450	4	-7.05e-03	0.05	-0.06	-2.41e-05	1.34e-05	1.81e-05
450	5	-7.05e-03	0.05	-0.06	-2.41e-05	1.34e-05	1.81e-05
451	1	2.07e-05	0.08	-0.11	-1.82e-04	-2.48e-04	4.24e-05
451	3	2.02e-05	0.06	-0.08	-1.37e-04	-1.87e-04	3.19e-05
451	4	3.78e-05	0.05	-0.07	-1.18e-04	-1.62e-04	2.75e-05
451	5	3.78e-05	0.05	-0.07	-1.18e-04	-1.62e-04	2.75e-05
452	1	-3.86e-03	0.08	-0.10	-1.71e-04	-2.14e-04	4.91e-05
452	3	-2.90e-03	0.06	-0.08	-1.29e-04	-1.61e-04	3.70e-05
452	4	-2.47e-03	0.05	-0.07	-1.11e-04	-1.41e-04	3.18e-05
452	5	-2.47e-03	0.05	-0.07	-1.11e-04	-1.41e-04	3.18e-05
453	1	-0.02	0.09	-0.10	4.56e-06	-3.71e-05	2.61e-05
453	3	-0.01	0.07	-0.07	3.36e-06	-2.80e-05	1.96e-05
453	4	-0.01	0.06	-0.06	2.57e-06	-2.46e-05	1.69e-05
453	5	-0.01	0.06	-0.06	2.57e-06	-2.46e-05	1.69e-05
454	1	-0.02	0.09	-0.07	-4.36e-04	-5.99e-05	2.55e-05
454	3	-0.01	0.07	-0.05	-3.28e-04	-4.51e-05	1.92e-05
454	4	-0.01	0.06	-0.04	-2.84e-04	-3.93e-05	1.66e-05
454	5	-0.01	0.06	-0.04	-2.84e-04	-3.93e-05	1.66e-05
455	1	-0.01	0.08	-0.08	-2.36e-04	5.12e-05	2.94e-05

455	3	-8.16e-03	0.06	-0.06	-1.78e-04	3.87e-05	2.21e-05
455	4	-6.99e-03	0.05	-0.05	-1.53e-04	3.39e-05	1.91e-05
455	5	-6.99e-03	0.05	-0.05	-1.53e-04	3.39e-05	1.91e-05
456	1	-0.01	0.08	-0.11	-1.24e-05	3.03e-05	2.87e-05
456	3	-9.99e-03	0.06	-0.09	-9.36e-06	2.29e-05	2.16e-05
456	4	-8.55e-03	0.05	-0.07	-8.35e-06	2.04e-05	1.86e-05
456	5	-8.55e-03	0.05	-0.07	-8.35e-06	2.04e-05	1.86e-05
457	1	-0.01	0.08	-0.10	-1.96e-04	-1.51e-04	6.23e-05
457	3	-7.83e-03	0.06	-0.07	-1.48e-04	-1.14e-04	4.69e-05
457	4	-6.72e-03	0.05	-0.06	-1.27e-04	-1.00e-04	4.02e-05
457	5	-6.72e-03	0.05	-0.06	-1.27e-04	-1.00e-04	4.02e-05
458	1	-0.01	0.08	-0.10	-2.31e-04	-1.21e-04	7.21e-05
458	3	-9.26e-03	0.06	-0.07	-1.74e-04	-9.16e-05	5.43e-05
458	4	-7.98e-03	0.05	-0.06	-1.51e-04	-8.09e-05	4.66e-05
458	5	-7.98e-03	0.05	-0.06	-1.51e-04	-8.09e-05	4.66e-05
459	1	-0.02	0.10	-0.12	1.55e-05	-3.27e-05	2.54e-05
459	3	-0.01	0.07	-0.09	1.16e-05	-2.47e-05	1.91e-05
459	4	-0.01	0.06	-0.08	9.68e-06	-2.15e-05	1.64e-05
459	5	-0.01	0.06	-0.08	9.68e-06	-2.15e-05	1.64e-05
460	1	-0.02	0.09	-0.08	-4.28e-04	-2.70e-05	2.46e-05
460	3	-0.02	0.07	-0.06	-3.23e-04	-4.30e-05	1.85e-05
460	4	-0.01	0.06	-0.05	-2.79e-04	-3.73e-05	1.60e-05
460	5	-0.01	0.06	-0.05	-2.79e-04	-3.73e-05	1.60e-05
461	1	-0.01	0.08	-0.10	-1.94e-04	-1.71e-05	3.05e-05
461	3	-0.01	0.06	-0.08	-1.46e-04	6.91e-05	2.30e-05
461	4	-8.96e-03	0.05	-0.07	-1.26e-04	5.96e-05	1.98e-05
461	5	-8.96e-03	0.05	-0.07	-1.26e-04	5.96e-05	1.98e-05
462	1	-0.02	0.08	-0.12	-3.85e-05	8.13e-05	2.95e-05
462	3	-0.01	0.06	-0.09	-2.90e-05	6.12e-05	2.22e-05
462	4	-9.70e-03	0.05	-0.08	-2.50e-05	5.28e-05	1.91e-05
462	5	-9.70e-03	0.05	-0.08	-2.50e-05	5.28e-05	1.91e-05
463	1	-0.01	0.08	-0.12	-2.76e-04	-9.46e-05	8.23e-05
463	3	-0.01	0.06	-0.09	-2.08e-04	-7.15e-05	6.20e-05
463	4	-9.73e-03	0.05	-0.08	-1.79e-04	-6.33e-05	5.32e-05
463	5	-9.73e-03	0.05	-0.08	-1.79e-04	-6.33e-05	5.32e-05
464	1	-0.02	0.08	-0.13	-9.11e-05	7.19e-06	1.06e-04
464	3	-0.02	0.06	-0.09	-6.87e-05	5.30e-06	7.96e-05
464	4	-0.02	0.05	-0.08	-6.02e-05	3.90e-06	6.85e-05
464	5	-0.02	0.05	-0.08	-6.02e-05	3.90e-06	6.85e-05
465	1	-0.02	0.10	-0.13	-2.65e-05	6.06e-05	2.46e-05
465	3	-0.01	0.07	-0.10	-2.00e-05	4.56e-05	1.85e-05
465	4	-0.01	0.06	-0.08	-1.74e-05	3.89e-05	1.60e-05
465	5	-0.01	0.06	-0.08	-1.74e-05	3.89e-05	1.60e-05
466	1	-0.02	0.09	-0.15	-5.09e-04	6.92e-05	2.36e-05
466	3	-0.01	0.07	-0.12	-3.84e-04	5.21e-05	1.78e-05
466	4	-0.01	0.06	-0.10	-3.31e-04	4.46e-05	1.54e-05
466	5	-0.01	0.06	-0.10	-3.31e-04	4.46e-05	1.54e-05
467	1	0.02	0.09	-0.05	-1.36e-04	-2.05e-06	1.81e-05
467	3	0.01	0.07	-0.04	-1.02e-04	-1.60e-06	1.36e-05
467	4	0.01	0.06	-0.04	-8.80e-05	-1.79e-06	1.17e-05
467	5	0.01	0.06	-0.04	-8.80e-05	-1.79e-06	1.17e-05
468	1	0.02	0.09	-0.08	-1.44e-04	2.58e-06	2.29e-05
468	3	0.01	0.07	-0.06	-1.09e-04	1.88e-06	1.72e-05
468	4	0.01	0.06	-0.05	-9.38e-05	1.20e-06	1.49e-05
468	5	0.01	0.06	-0.05	-9.38e-05	1.20e-06	1.49e-05
469	1	8.87e-03	0.10	-0.08	-1.53e-04	0.0	2.87e-05
469	3	6.67e-03	0.07	-0.06	-1.16e-04	0.0	2.16e-05
469	4	5.71e-03	0.06	-0.05	-9.97e-05	0.0	1.86e-05
469	5	5.71e-03	0.06	-0.05	-9.97e-05	0.0	1.86e-05
470	1	7.24e-03	0.11	-0.05	-8.96e-05	4.86e-06	2.63e-05
470	3	5.44e-03	0.09	-0.04	-6.75e-05	3.71e-06	1.98e-05
470	4	4.66e-03	0.07	-0.04	-5.83e-05	3.54e-06	1.70e-05
470	5	4.66e-03	0.07	-0.04	-5.83e-05	3.54e-06	1.70e-05
471	1	0.02	0.09	-0.07	-1.34e-04	0.0	1.91e-05
471	3	0.01	0.07	-0.05	-1.01e-04	0.0	1.44e-05
471	4	0.01	0.06	-0.04	-8.71e-05	0.0	1.23e-05
471	5	0.01	0.06	-0.04	-8.71e-05	0.0	1.23e-05
472	1	0.01	0.09	-0.10	-1.44e-04	5.37e-06	2.36e-05
472	3	0.01	0.07	-0.07	-1.09e-04	3.96e-06	1.78e-05
472	4	9.63e-03	0.06	-0.06	-9.38e-05	2.81e-06	1.53e-05
472	5	9.63e-03	0.06	-0.06	-9.38e-05	2.81e-06	1.53e-05
473	1	7.22e-03	0.10	-0.10	-1.53e-04	3.99e-06	2.80e-05
473	3	5.43e-03	0.07	-0.07	-1.15e-04	3.10e-06	2.11e-05
473	4	4.62e-03	0.06	-0.06	-9.94e-05	3.25e-06	1.81e-05
473	5	4.62e-03	0.06	-0.06	-9.94e-05	3.25e-06	1.81e-05
474	1	5.77e-03	0.11	-0.07	-8.84e-05	6.77e-06	2.53e-05
474	3	4.33e-03	0.09	-0.05	-6.66e-05	5.20e-06	1.91e-05

474	4	3.68e-03	0.07	-0.04	-5.76e-05	5.06e-06	1.64e-05
474	5	3.68e-03	0.07	-0.04	-5.76e-05	5.06e-06	1.64e-05
475	1	0.02	0.09	-0.08	-1.34e-04	-2.88e-06	1.99e-05
475	3	0.01	0.07	-0.06	-1.01e-04	-2.23e-06	1.50e-05
475	4	9.86e-03	0.06	-0.05	-8.69e-05	-2.59e-06	1.29e-05
475	5	9.86e-03	0.06	-0.05	-8.69e-05	-2.59e-06	1.29e-05
476	1	0.01	0.09	-0.11	-1.47e-04	4.45e-06	2.42e-05
476	3	0.01	0.07	-0.08	-1.11e-04	3.27e-06	1.82e-05
476	4	8.67e-03	0.06	-0.07	-9.57e-05	2.17e-06	1.57e-05
476	5	8.67e-03	0.06	-0.07	-9.57e-05	2.17e-06	1.57e-05
477	1	4.41e-03	0.10	-0.11	-1.55e-04	2.49e-06	2.73e-05
477	3	3.31e-03	0.07	-0.08	-1.17e-04	1.99e-06	2.05e-05
477	4	2.81e-03	0.06	-0.07	-1.01e-04	2.31e-06	1.77e-05
477	5	2.81e-03	0.06	-0.07	-1.01e-04	2.31e-06	1.77e-05
478	1	2.40e-03	0.11	-0.08	-8.83e-05	1.25e-05	2.43e-05
478	3	1.80e-03	0.09	-0.06	-6.66e-05	9.54e-06	1.83e-05
478	4	1.51e-03	0.07	-0.05	-5.75e-05	8.83e-06	1.57e-05
478	5	1.51e-03	0.07	-0.05	-5.75e-05	8.83e-06	1.57e-05
479	1	0.01	0.09	-0.08	-1.34e-04	-7.57e-06	2.16e-05
479	3	0.01	0.07	-0.06	-1.01e-04	-5.73e-06	1.62e-05
479	4	9.39e-03	0.06	-0.05	-8.68e-05	-5.19e-06	1.40e-05
479	5	9.39e-03	0.06	-0.05	-8.68e-05	-5.19e-06	1.40e-05
480	1	0.01	0.09	-0.11	-1.50e-04	1.70e-06	2.16e-05
480	3	9.53e-03	0.07	-0.09	-1.13e-04	1.23e-06	1.62e-05
480	4	8.20e-03	0.06	-0.07	-9.76e-05	0.0	1.40e-05
480	5	8.20e-03	0.06	-0.07	-9.76e-05	0.0	1.40e-05
481	1	1.57e-03	0.10	-0.11	-1.59e-04	0.0	2.42e-05
481	3	1.17e-03	0.07	-0.09	-1.20e-04	0.0	1.82e-05
481	4	9.88e-04	0.06	-0.07	-1.04e-04	0.0	1.57e-05
481	5	9.88e-04	0.06	-0.07	-1.04e-04	0.0	1.57e-05
482	1	-4.18e-04	0.11	-0.08	-8.84e-05	1.04e-05	2.42e-05
482	3	-3.24e-04	0.09	-0.06	-6.66e-05	7.90e-06	1.82e-05
482	4	-2.88e-04	0.07	-0.05	-5.76e-05	7.26e-06	1.57e-05
482	5	-2.88e-04	0.07	-0.05	-5.76e-05	7.26e-06	1.57e-05
483	1	0.01	0.09	-0.08	-1.34e-04	-1.01e-05	2.17e-05
483	3	9.88e-03	0.07	-0.06	-1.01e-04	-7.62e-06	1.64e-05
483	4	8.48e-03	0.06	-0.05	-8.71e-05	-6.79e-06	1.41e-05
483	5	8.48e-03	0.06	-0.05	-8.71e-05	-6.79e-06	1.41e-05
484	1	0.01	0.09	-0.12	-1.53e-04	0.0	2.17e-05
484	3	8.44e-03	0.07	-0.09	-1.15e-04	0.0	1.64e-05
484	4	7.25e-03	0.06	-0.07	-9.91e-05	0.0	1.41e-05
484	5	7.25e-03	0.06	-0.07	-9.91e-05	0.0	1.41e-05
485	1	-5.31e-05	0.10	-0.12	-1.61e-04	-4.35e-06	2.36e-05
485	3	-5.17e-05	0.07	-0.09	-1.21e-04	-3.18e-06	1.77e-05
485	4	-7.29e-05	0.06	-0.07	-1.05e-04	-2.08e-06	1.52e-05
485	5	-7.29e-05	0.06	-0.07	-1.05e-04	-2.08e-06	1.52e-05
486	1	-2.01e-03	0.11	-0.08	-8.79e-05	5.30e-06	2.36e-05
486	3	-1.52e-03	0.09	-0.06	-6.62e-05	4.08e-06	1.77e-05
486	4	-1.33e-03	0.07	-0.05	-5.72e-05	4.10e-06	1.52e-05
486	5	-1.33e-03	0.07	-0.05	-5.72e-05	4.10e-06	1.52e-05
487	1	0.01	0.09	-0.08	-1.35e-04	-5.41e-06	2.08e-05
487	3	7.57e-03	0.07	-0.06	-1.01e-04	-4.13e-06	1.57e-05
487	4	6.52e-03	0.06	-0.05	-8.74e-05	-4.02e-06	1.35e-05
487	5	6.52e-03	0.06	-0.05	-8.74e-05	-4.02e-06	1.35e-05
488	1	8.29e-03	0.09	-0.12	-1.55e-04	1.11e-06	2.51e-05
488	3	6.24e-03	0.07	-0.09	-1.16e-04	0.0	1.89e-05
488	4	5.39e-03	0.06	-0.08	-1.00e-04	0.0	1.63e-05
488	5	5.39e-03	0.06	-0.08	-1.00e-04	0.0	1.63e-05
489	1	-6.29e-04	0.10	-0.12	-1.61e-04	-8.05e-06	2.57e-05
489	3	-4.86e-04	0.07	-0.09	-1.21e-04	-5.95e-06	1.93e-05
489	4	-4.70e-04	0.06	-0.08	-1.05e-04	-4.33e-06	1.66e-05
489	5	-4.70e-04	0.06	-0.08	-1.05e-04	-4.33e-06	1.66e-05
490	1	-2.36e-03	0.11	-0.08	-8.69e-05	-2.17e-06	2.17e-05
490	3	-1.79e-03	0.09	-0.06	-6.55e-05	-1.52e-06	1.63e-05
490	4	-1.58e-03	0.07	-0.05	-5.65e-05	0.0	1.40e-05
490	5	-1.58e-03	0.07	-0.05	-5.65e-05	0.0	1.40e-05
491	1	8.44e-03	0.09	-0.08	-1.35e-04	-4.53e-06	2.00e-05
491	3	6.35e-03	0.07	-0.06	-1.02e-04	-3.45e-06	1.51e-05
491	4	5.46e-03	0.06	-0.05	-8.76e-05	-3.35e-06	1.30e-05
491	5	5.46e-03	0.06	-0.05	-8.76e-05	-3.35e-06	1.30e-05
492	1	6.74e-03	0.09	-0.12	-1.55e-04	0.0	2.48e-05
492	3	5.07e-03	0.07	-0.09	-1.17e-04	0.0	1.87e-05
492	4	4.35e-03	0.06	-0.08	-1.01e-04	0.0	1.61e-05
492	5	4.35e-03	0.06	-0.08	-1.01e-04	0.0	1.61e-05
493	1	-9.37e-05	0.10	-0.13	-1.63e-04	-2.91e-05	2.57e-05
493	3	-8.71e-05	0.07	-0.09	-1.23e-04	-2.17e-05	1.93e-05
493	4	-1.60e-04	0.06	-0.08	-1.06e-04	-1.77e-05	1.67e-05



493	5	-1.60e-04	0.06	-0.08	-1.06e-04	-1.77e-05	1.67e-05
494	1	-1.08e-03	0.11	-0.08	-8.54e-05	-3.12e-05	2.13e-05
494	3	-8.27e-04	0.09	-0.06	-6.44e-05	-2.33e-05	1.60e-05
494	4	-7.93e-04	0.07	-0.05	-5.56e-05	-1.91e-05	1.38e-05
494	5	-7.93e-04	0.07	-0.05	-5.56e-05	-1.91e-05	1.38e-05
495	1	7.67e-03	0.09	-0.08	-1.36e-04	-1.36e-05	2.17e-05
495	3	5.77e-03	0.07	-0.06	-1.02e-04	-1.03e-05	1.63e-05
495	4	4.95e-03	0.06	-0.05	-8.82e-05	-9.14e-06	1.41e-05
495	5	4.95e-03	0.06	-0.05	-8.82e-05	-9.14e-06	1.41e-05
496	1	5.76e-03	0.09	-0.12	-1.55e-04	-4.49e-06	2.17e-05
496	3	4.33e-03	0.07	-0.09	-1.17e-04	-3.42e-06	1.63e-05
496	4	3.73e-03	0.06	-0.08	-1.00e-04	-3.37e-06	1.41e-05
496	5	3.73e-03	0.06	-0.08	-1.00e-04	-3.37e-06	1.41e-05
497	1	-5.54e-03	0.10	-0.12	-1.66e-04	-7.43e-06	2.24e-05
497	3	-4.17e-03	0.07	-0.09	-1.25e-04	-5.49e-06	1.68e-05
497	4	-3.62e-03	0.06	-0.08	-1.08e-04	-4.14e-06	1.45e-05
497	5	-3.62e-03	0.06	-0.08	-1.08e-04	-4.14e-06	1.45e-05
498	1	-7.61e-03	0.11	-0.08	-8.20e-05	2.93e-06	2.24e-05
498	3	-5.74e-03	0.09	-0.06	-6.18e-05	2.30e-06	1.68e-05
498	4	-4.96e-03	0.07	-0.05	-5.34e-05	2.54e-06	1.45e-05
498	5	-4.96e-03	0.07	-0.05	-5.34e-05	2.54e-06	1.45e-05
499	1	5.80e-03	0.09	-0.08	-1.37e-04	-1.50e-05	2.20e-05
499	3	4.36e-03	0.07	-0.06	-1.03e-04	-1.13e-05	1.65e-05
499	4	3.73e-03	0.06	-0.05	-8.87e-05	-9.97e-06	1.43e-05
499	5	3.73e-03	0.06	-0.05	-8.87e-05	-9.97e-06	1.43e-05
500	1	3.87e-03	0.09	-0.12	-1.52e-04	-6.13e-06	2.20e-05
500	3	2.91e-03	0.07	-0.09	-1.15e-04	-4.62e-06	1.65e-05
500	4	2.49e-03	0.06	-0.08	-9.88e-05	-4.29e-06	1.43e-05
500	5	2.49e-03	0.06	-0.08	-9.88e-05	-4.29e-06	1.43e-05
501	1	-7.54e-03	0.10	-0.12	-1.62e-04	-8.52e-06	2.28e-05
501	3	-5.68e-03	0.07	-0.09	-1.22e-04	-6.29e-06	1.71e-05
501	4	-4.92e-03	0.06	-0.07	-1.05e-04	-4.76e-06	1.48e-05
501	5	-4.92e-03	0.06	-0.07	-1.05e-04	-4.76e-06	1.48e-05
502	1	-9.61e-03	0.11	-0.08	-7.85e-05	2.10e-06	2.28e-05
502	3	-7.24e-03	0.09	-0.06	-5.91e-05	1.69e-06	1.71e-05
502	4	-6.25e-03	0.07	-0.05	-5.11e-05	2.03e-06	1.48e-05
502	5	-6.25e-03	0.07	-0.05	-5.11e-05	2.03e-06	1.48e-05
503	1	2.26e-03	0.09	-0.09	-1.37e-04	-9.92e-06	2.17e-05
503	3	1.71e-03	0.07	-0.07	-1.04e-04	-7.50e-06	1.63e-05
503	4	1.47e-03	0.06	-0.06	-8.91e-05	-6.93e-06	1.41e-05
503	5	1.47e-03	0.06	-0.06	-8.91e-05	-6.93e-06	1.41e-05
504	1	4.04e-04	0.09	-0.12	-1.49e-04	-3.24e-06	2.53e-05
504	3	3.11e-04	0.07	-0.09	-1.12e-04	-2.47e-06	1.90e-05
504	4	2.73e-04	0.06	-0.08	-9.69e-05	-2.61e-06	1.64e-05
504	5	2.73e-04	0.06	-0.08	-9.69e-05	-2.61e-06	1.64e-05
505	1	-9.13e-03	0.10	-0.12	-1.56e-04	-8.44e-06	2.59e-05
505	3	-6.88e-03	0.07	-0.09	-1.17e-04	-6.20e-06	1.95e-05
505	4	-5.98e-03	0.06	-0.08	-1.01e-04	-4.59e-06	1.68e-05
505	5	-5.98e-03	0.06	-0.08	-1.01e-04	-4.59e-06	1.68e-05
506	1	-0.01	0.11	-0.08	-7.42e-05	-2.40e-06	2.25e-05
506	3	-8.21e-03	0.09	-0.06	-5.59e-05	-1.65e-06	1.69e-05
506	4	-7.11e-03	0.07	-0.05	-4.83e-05	0.0	1.46e-05
506	5	-7.11e-03	0.07	-0.05	-4.83e-05	0.0	1.46e-05
507	1	-2.88e-04	0.09	-0.10	-1.38e-04	-1.32e-05	2.34e-05
507	3	-2.13e-04	0.07	-0.08	-1.04e-04	-9.97e-06	1.76e-05
507	4	-1.90e-04	0.06	-0.06	-8.96e-05	-9.02e-06	1.52e-05
507	5	-1.90e-04	0.06	-0.06	-8.96e-05	-9.02e-06	1.52e-05
508	1	-2.43e-03	0.09	-0.14	-1.46e-04	-3.88e-06	2.58e-05
508	3	-1.83e-03	0.07	-0.10	-1.10e-04	-2.95e-06	1.95e-05
508	4	-1.57e-03	0.06	-0.09	-9.50e-05	-3.03e-06	1.68e-05
508	5	-1.57e-03	0.06	-0.09	-9.50e-05	-3.03e-06	1.68e-05
509	1	-0.01	0.10	-0.13	-1.48e-04	-5.15e-06	2.61e-05
509	3	-9.53e-03	0.07	-0.09	-1.11e-04	-3.75e-06	1.97e-05
509	4	-8.25e-03	0.06	-0.08	-9.59e-05	-2.51e-06	1.69e-05
509	5	-8.25e-03	0.06	-0.08	-9.59e-05	-2.51e-06	1.69e-05
510	1	-0.01	0.11	-0.08	-6.92e-05	6.21e-06	2.38e-05
510	3	-0.01	0.09	-0.06	-5.21e-05	4.79e-06	1.79e-05
510	4	-9.69e-03	0.07	-0.05	-4.50e-05	4.82e-06	1.54e-05
510	5	-9.69e-03	0.07	-0.05	-4.50e-05	4.82e-06	1.54e-05
511	1	-1.76e-03	0.09	-0.13	-1.48e-04	-2.73e-05	2.55e-05
511	3	-1.33e-03	0.07	-0.09	-1.11e-04	-3.75e-06	1.92e-05
511	4	-1.19e-03	0.06	-0.08	-9.57e-05	-1.78e-05	1.65e-05
511	5	-1.19e-03	0.06	-0.08	-9.57e-05	-1.78e-05	1.65e-05
512	1	-5.17e-03	0.09	-0.16	-1.62e-04	-4.19e-06	2.55e-05
512	3	-3.89e-03	0.07	-0.12	-1.22e-04	-3.14e-06	1.92e-05
512	4	-3.39e-03	0.06	-0.10	-1.05e-04	-2.91e-06	1.65e-05
512	5	-3.39e-03	0.06	-0.10	-1.05e-04	-2.91e-06	1.65e-05



513	1	-0.02	0.10	-0.12	-1.44e-04	9.50e-06	2.51e-05
513	3	-0.01	0.07	-0.09	-1.09e-04	7.25e-06	1.89e-05
513	4	-0.01	0.06	-0.08	-9.35e-05	6.78e-06	1.63e-05
513	5	-0.01	0.06	-0.08	-9.35e-05	6.78e-06	1.63e-05
514	1	-0.02	0.11	-0.08	-6.42e-05	1.35e-05	2.51e-05
514	3	-0.01	0.09	-0.06	-4.84e-05	1.02e-05	1.89e-05
514	4	-0.01	0.07	-0.05	-4.18e-05	9.27e-06	1.63e-05
514	5	-0.01	0.07	-0.05	-4.18e-05	9.27e-06	1.63e-05
515	1	-5.97e-03	0.09	-0.12	-1.39e-04	-6.77e-06	2.64e-05
515	3	-4.50e-03	0.07	-0.09	-1.05e-04	-5.11e-06	1.99e-05
515	4	-3.92e-03	0.06	-0.07	-9.00e-05	-4.61e-06	1.71e-05
515	5	-3.92e-03	0.06	-0.07	-9.00e-05	-4.61e-06	1.71e-05
516	1	-8.27e-03	0.09	-0.14	-1.74e-04	5.56e-06	2.64e-05
516	3	-6.23e-03	0.07	-0.11	-1.31e-04	4.18e-06	1.99e-05
516	4	-5.40e-03	0.06	-0.09	-1.13e-04	3.34e-06	1.71e-05
516	5	-5.40e-03	0.06	-0.09	-1.13e-04	3.34e-06	1.71e-05
517	1	-0.02	0.10	-0.12	-1.35e-04	3.79e-06	2.58e-05
517	3	-0.02	0.07	-0.09	-1.02e-04	2.97e-06	1.94e-05
517	4	-0.01	0.06	-0.08	-8.73e-05	3.21e-06	1.67e-05
517	5	-0.01	0.06	-0.08	-8.73e-05	3.21e-06	1.67e-05
518	1	-0.02	0.11	-0.08	-5.89e-05	1.07e-05	2.58e-05
518	3	-0.02	0.09	-0.06	-4.44e-05	8.16e-06	1.94e-05
518	4	-0.01	0.07	-0.05	-3.83e-05	7.51e-06	1.67e-05
518	5	-0.01	0.07	-0.05	-3.83e-05	7.51e-06	1.67e-05
519	1	-5.84e-03	0.09	-0.09	-1.20e-04	-2.28e-05	2.71e-05
519	3	-4.39e-03	0.07	-0.07	-9.02e-05	-1.72e-05	2.04e-05
519	4	-3.79e-03	0.06	-0.06	-7.74e-05	-1.53e-05	1.76e-05
519	5	-3.79e-03	0.06	-0.06	-7.74e-05	-1.53e-05	1.76e-05
520	1	-8.12e-03	0.09	-0.13	-1.78e-04	-9.87e-06	2.71e-05
520	3	-6.11e-03	0.07	-0.10	-1.34e-04	-7.51e-06	2.04e-05
520	4	-5.27e-03	0.06	-0.08	-1.15e-04	-6.99e-06	1.76e-05
520	5	-5.27e-03	0.06	-0.08	-1.15e-04	-6.99e-06	1.76e-05
521	1	-0.02	0.10	-0.12	-1.23e-04	-8.24e-06	2.61e-05
521	3	-0.01	0.07	-0.09	-9.29e-05	-6.12e-06	1.96e-05
521	4	-0.01	0.06	-0.08	-7.96e-05	-4.81e-06	1.69e-05
521	5	-0.01	0.06	-0.08	-7.96e-05	-4.81e-06	1.69e-05
522	1	-0.02	0.11	-0.08	-5.28e-05	1.14e-06	2.61e-05
522	3	-0.02	0.09	-0.06	-3.98e-05	0.0	1.96e-05
522	4	-0.01	0.07	-0.05	-3.43e-05	1.16e-06	1.69e-05
522	5	-0.01	0.07	-0.05	-3.43e-05	1.16e-06	1.69e-05
523	1	-8.37e-03	0.09	-0.09	-1.01e-04	-2.38e-05	2.81e-05
523	3	-6.30e-03	0.07	-0.07	-7.61e-05	-1.79e-05	2.12e-05
523	4	-5.40e-03	0.06	-0.06	-6.53e-05	-1.61e-05	1.82e-05
523	5	-5.40e-03	0.06	-0.06	-6.53e-05	-1.61e-05	1.82e-05
524	1	-0.01	0.09	-0.12	-1.61e-04	-1.63e-05	2.79e-05
524	3	-7.68e-03	0.07	-0.09	-1.21e-04	-1.23e-05	2.10e-05
524	4	-6.60e-03	0.06	-0.08	-1.04e-04	-1.12e-05	1.81e-05
524	5	-6.60e-03	0.06	-0.08	-1.04e-04	-1.12e-05	1.81e-05
525	1	-0.02	0.10	-0.12	-1.09e-04	-1.88e-05	2.61e-05
525	3	-0.01	0.07	-0.09	-8.17e-05	-1.41e-05	1.96e-05
525	4	-0.01	0.06	-0.08	-6.98e-05	-1.15e-05	1.69e-05
525	5	-0.01	0.06	-0.08	-6.98e-05	-1.15e-05	1.69e-05
526	1	-9.56e-03	0.12	-0.18	4.61e-05	1.57e-04	2.64e-05
526	3	-7.19e-03	0.09	-0.13	3.46e-05	1.18e-04	1.99e-05
526	4	-6.24e-03	0.08	-0.11	2.97e-05	9.94e-05	1.71e-05
526	5	-6.24e-03	0.08	-0.11	2.97e-05	9.94e-05	1.71e-05
527	1	-9.53e-03	0.09	-0.10	-8.12e-05	-3.26e-05	2.94e-05
527	3	-7.17e-03	0.07	-0.07	-6.11e-05	-2.46e-05	2.21e-05
527	4	-6.15e-03	0.06	-0.06	-5.23e-05	-2.18e-05	1.91e-05
527	5	-6.15e-03	0.06	-0.06	-5.23e-05	-2.18e-05	1.91e-05
528	1	-0.01	0.09	-0.13	-1.42e-04	-1.77e-05	2.87e-05
528	3	-9.11e-03	0.07	-0.10	-1.07e-04	-1.34e-05	2.16e-05
528	4	-7.81e-03	0.06	-0.09	-9.13e-05	-1.22e-05	1.86e-05
528	5	-7.81e-03	0.06	-0.09	-9.13e-05	-1.22e-05	1.86e-05
529	1	-0.02	0.10	-0.14	-9.38e-05	-2.10e-06	2.54e-05
529	3	-0.02	0.07	-0.10	-7.06e-05	-1.51e-06	1.91e-05
529	4	-0.01	0.06	-0.09	-6.02e-05	0.0	1.64e-05
529	5	-0.01	0.06	-0.09	-6.02e-05	0.0	1.64e-05
530	1	-0.02	0.11	-0.10	-4.62e-05	1.59e-05	2.46e-05
530	3	-0.02	0.09	-0.07	-3.48e-05	1.20e-05	1.85e-05
530	4	-0.02	0.07	-0.06	-2.99e-05	1.08e-05	1.60e-05
530	5	-0.02	0.07	-0.06	-2.99e-05	1.08e-05	1.60e-05
531	1	-0.01	0.09	-0.11	-6.84e-05	-3.03e-05	3.05e-05
531	3	-7.98e-03	0.07	-0.08	-5.14e-05	-2.29e-05	2.30e-05
531	4	-6.86e-03	0.06	-0.07	-4.40e-05	-2.02e-05	1.98e-05
531	5	-6.86e-03	0.06	-0.07	-4.40e-05	-2.02e-05	1.98e-05
532	1	-0.01	0.09	-0.13	-1.11e-04	-2.61e-05	2.95e-05

532	3	-9.08e-03	0.07	-0.10	-8.33e-05	-1.97e-05	2.22e-05
532	4	-7.80e-03	0.06	-0.09	-7.14e-05	-1.75e-05	1.91e-05
532	5	-7.80e-03	0.06	-0.09	-7.14e-05	-1.75e-05	1.91e-05
533	1	-0.02	0.10	-0.15	-5.82e-05	-4.89e-05	2.46e-05
533	3	-0.01	0.07	-0.11	-4.38e-05	-3.68e-05	1.85e-05
533	4	-0.01	0.06	-0.09	-3.72e-05	-3.16e-05	1.60e-05
533	5	-0.01	0.06	-0.09	-3.72e-05	-3.16e-05	1.60e-05
534	1	-0.02	0.11	-0.16	-2.64e-05	-5.19e-05	2.36e-05
534	3	-0.01	0.09	-0.12	-1.99e-05	-3.91e-05	1.78e-05
534	4	-0.01	0.07	-0.10	-1.72e-05	-3.35e-05	1.54e-05
534	5	-0.01	0.07	-0.10	-1.72e-05	-3.35e-05	1.54e-05
535	1	0.01	0.10	-0.06	-1.18e-04	-1.16e-04	1.81e-05
535	3	0.01	0.08	-0.05	-8.90e-05	-8.75e-05	1.36e-05
535	4	8.98e-03	0.07	-0.04	-7.63e-05	-7.51e-05	1.17e-05
535	5	8.98e-03	0.07	-0.04	-7.63e-05	-7.51e-05	1.17e-05
536	1	0.01	0.10	-0.10	-1.48e-04	-9.43e-05	2.29e-05
536	3	0.01	0.08	-0.07	-1.12e-04	-7.09e-05	1.72e-05
536	4	8.80e-03	0.07	-0.06	-9.58e-05	-6.09e-05	1.49e-05
536	5	8.80e-03	0.07	-0.06	-9.58e-05	-6.09e-05	1.49e-05
537	1	0.01	0.11	-0.10	-1.20e-04	9.70e-05	2.87e-05
537	3	1.00e-02	0.08	-0.07	-9.03e-05	7.32e-05	2.16e-05
537	4	8.60e-03	0.07	-0.06	-7.76e-05	6.29e-05	1.86e-05
537	5	8.60e-03	0.07	-0.06	-7.76e-05	6.29e-05	1.86e-05
538	1	0.01	0.12	-0.06	2.18e-05	1.19e-04	2.63e-05
538	3	9.78e-03	0.09	-0.05	1.67e-05	8.97e-05	1.98e-05
538	4	8.42e-03	0.07	-0.04	1.55e-05	7.71e-05	1.70e-05
538	5	8.42e-03	0.07	-0.04	1.55e-05	7.71e-05	1.70e-05
539	1	0.01	0.10	-0.08	-1.18e-04	-1.14e-04	1.91e-05
539	3	8.53e-03	0.08	-0.06	-8.88e-05	-8.61e-05	1.44e-05
539	4	7.34e-03	0.07	-0.05	-7.62e-05	-7.40e-05	1.23e-05
539	5	7.34e-03	0.07	-0.05	-7.62e-05	-7.40e-05	1.23e-05
540	1	0.01	0.10	-0.12	-1.47e-04	-8.95e-05	2.36e-05
540	3	8.43e-03	0.08	-0.09	-1.11e-04	-6.73e-05	1.78e-05
540	4	7.25e-03	0.07	-0.08	-9.53e-05	-5.79e-05	1.53e-05
540	5	7.25e-03	0.07	-0.08	-9.53e-05	-5.79e-05	1.53e-05
541	1	0.01	0.11	-0.12	-1.19e-04	9.13e-05	2.80e-05
541	3	8.65e-03	0.08	-0.09	-8.98e-05	6.88e-05	2.11e-05
541	4	7.44e-03	0.07	-0.08	-7.72e-05	5.93e-05	1.81e-05
541	5	7.44e-03	0.07	-0.08	-7.72e-05	5.93e-05	1.81e-05
542	1	0.01	0.11	-0.08	2.21e-05	1.16e-04	2.53e-05
542	3	8.52e-03	0.09	-0.06	1.69e-05	8.71e-05	1.91e-05
542	4	7.33e-03	0.07	-0.05	1.57e-05	7.50e-05	1.64e-05
542	5	7.33e-03	0.07	-0.05	1.57e-05	7.50e-05	1.64e-05
543	1	9.11e-03	0.10	-0.09	-1.17e-04	-1.31e-04	1.99e-05
543	3	6.86e-03	0.08	-0.07	-8.82e-05	-9.83e-05	1.50e-05
543	4	5.90e-03	0.07	-0.06	-7.56e-05	-8.44e-05	1.29e-05
543	5	5.90e-03	0.07	-0.06	-7.56e-05	-8.44e-05	1.29e-05
544	1	9.04e-03	0.10	-0.13	-1.44e-04	-1.03e-04	2.42e-05
544	3	6.81e-03	0.08	-0.10	-1.09e-04	-7.75e-05	1.82e-05
544	4	5.86e-03	0.07	-0.08	-9.33e-05	-6.65e-05	1.57e-05
544	5	5.86e-03	0.07	-0.08	-9.33e-05	-6.65e-05	1.57e-05
545	1	8.97e-03	0.11	-0.13	-1.16e-04	1.01e-04	2.73e-05
545	3	6.75e-03	0.08	-0.10	-8.74e-05	7.57e-05	2.05e-05
545	4	5.81e-03	0.07	-0.09	-7.51e-05	6.50e-05	1.77e-05
545	5	5.81e-03	0.07	-0.09	-7.51e-05	6.50e-05	1.77e-05
546	1	8.97e-03	0.11	-0.09	2.30e-05	1.29e-04	2.43e-05
546	3	6.76e-03	0.09	-0.07	1.76e-05	9.75e-05	1.83e-05
546	4	5.81e-03	0.07	-0.06	1.63e-05	8.37e-05	1.57e-05
546	5	5.81e-03	0.07	-0.06	1.63e-05	8.37e-05	1.57e-05
547	1	7.02e-03	0.10	-0.09	-1.16e-04	-1.54e-04	2.16e-05
547	3	5.28e-03	0.08	-0.07	-8.78e-05	-1.16e-04	1.62e-05
547	4	4.54e-03	0.07	-0.06	-7.53e-05	-9.89e-05	1.40e-05
547	5	4.54e-03	0.07	-0.06	-7.53e-05	-9.89e-05	1.40e-05
548	1	6.99e-03	0.10	-0.13	-1.42e-04	-1.28e-04	2.16e-05
548	3	5.26e-03	0.08	-0.10	-1.07e-04	-9.65e-05	1.62e-05
548	4	4.53e-03	0.07	-0.09	-9.20e-05	-8.24e-05	1.40e-05
548	5	4.53e-03	0.07	-0.09	-9.20e-05	-8.24e-05	1.40e-05
549	1	6.98e-03	0.11	-0.14	-1.11e-04	1.19e-04	2.42e-05
549	3	5.26e-03	0.08	-0.10	-8.39e-05	8.96e-05	1.82e-05
549	4	4.52e-03	0.07	-0.09	-7.21e-05	7.66e-05	1.57e-05
549	5	4.52e-03	0.07	-0.09	-7.21e-05	7.66e-05	1.57e-05
550	1	6.94e-03	0.11	-0.09	2.39e-05	1.46e-04	2.42e-05
550	3	5.22e-03	0.09	-0.07	1.83e-05	1.10e-04	1.82e-05
550	4	4.49e-03	0.07	-0.06	1.69e-05	9.39e-05	1.57e-05
550	5	4.49e-03	0.07	-0.06	1.69e-05	9.39e-05	1.57e-05
551	1	5.12e-03	0.10	-0.09	-1.16e-04	-1.62e-04	2.17e-05
551	3	3.86e-03	0.08	-0.07	-8.74e-05	-1.22e-04	1.64e-05

551	4	3.32e-03	0.07	-0.06	-7.50e-05	-1.04e-04	1.41e-05
551	5	3.32e-03	0.07	-0.06	-7.50e-05	-1.04e-04	1.41e-05
552	1	5.09e-03	0.10	-0.14	-1.40e-04	-1.35e-04	2.17e-05
552	3	3.83e-03	0.08	-0.10	-1.05e-04	-1.02e-04	1.64e-05
552	4	3.30e-03	0.07	-0.09	-9.05e-05	-8.69e-05	1.41e-05
552	5	3.30e-03	0.07	-0.09	-9.05e-05	-8.69e-05	1.41e-05
553	1	4.98e-03	0.11	-0.14	-1.09e-04	1.17e-04	2.36e-05
553	3	3.75e-03	0.08	-0.10	-8.20e-05	8.83e-05	1.77e-05
553	4	3.22e-03	0.07	-0.09	-7.06e-05	7.55e-05	1.52e-05
553	5	3.22e-03	0.07	-0.09	-7.06e-05	7.55e-05	1.52e-05
554	1	4.94e-03	0.11	-0.09	2.43e-05	1.44e-04	2.36e-05
554	3	3.72e-03	0.09	-0.07	1.85e-05	1.09e-04	1.77e-05
554	4	3.20e-03	0.07	-0.06	1.71e-05	9.28e-05	1.52e-05
554	5	3.20e-03	0.07	-0.06	1.71e-05	9.28e-05	1.52e-05
555	1	3.05e-03	0.10	-0.10	-1.15e-04	-1.51e-04	2.08e-05
555	3	2.30e-03	0.08	-0.07	-8.70e-05	-1.14e-04	1.57e-05
555	4	1.97e-03	0.07	-0.06	-7.46e-05	-9.71e-05	1.35e-05
555	5	1.97e-03	0.07	-0.06	-7.46e-05	-9.71e-05	1.35e-05
556	1	3.06e-03	0.10	-0.14	-1.37e-04	-1.22e-04	2.51e-05
556	3	2.30e-03	0.08	-0.11	-1.03e-04	-9.15e-05	1.89e-05
556	4	1.98e-03	0.07	-0.09	-8.87e-05	-7.83e-05	1.63e-05
556	5	1.98e-03	0.07	-0.09	-8.87e-05	-7.83e-05	1.63e-05
557	1	3.04e-03	0.11	-0.14	-1.08e-04	9.53e-05	2.57e-05
557	3	2.28e-03	0.08	-0.11	-8.14e-05	7.18e-05	1.93e-05
557	4	1.96e-03	0.07	-0.09	-7.00e-05	6.16e-05	1.66e-05
557	5	1.96e-03	0.07	-0.09	-7.00e-05	6.16e-05	1.66e-05
558	1	3.00e-03	0.11	-0.10	2.43e-05	1.24e-04	2.17e-05
558	3	2.26e-03	0.09	-0.07	1.86e-05	9.33e-05	1.63e-05
558	4	1.94e-03	0.07	-0.06	1.71e-05	8.00e-05	1.40e-05
558	5	1.94e-03	0.07	-0.06	1.71e-05	8.00e-05	1.40e-05
559	1	9.03e-04	0.10	-0.10	-1.15e-04	-1.58e-04	2.00e-05
559	3	6.79e-04	0.08	-0.07	-8.68e-05	-1.19e-04	1.51e-05
559	4	5.83e-04	0.07	-0.06	-7.44e-05	-1.02e-04	1.30e-05
559	5	5.83e-04	0.07	-0.06	-7.44e-05	-1.02e-04	1.30e-05
560	1	8.65e-04	0.10	-0.14	-1.35e-04	-1.29e-04	2.48e-05
560	3	6.50e-04	0.08	-0.11	-1.02e-04	-9.67e-05	1.87e-05
560	4	5.58e-04	0.07	-0.09	-8.78e-05	-8.26e-05	1.61e-05
560	5	5.58e-04	0.07	-0.09	-8.78e-05	-8.26e-05	1.61e-05
561	1	8.29e-04	0.11	-0.15	-1.06e-04	8.14e-05	2.57e-05
561	3	6.23e-04	0.08	-0.11	-7.99e-05	6.13e-05	1.93e-05
561	4	5.34e-04	0.07	-0.09	-6.88e-05	5.28e-05	1.67e-05
561	5	5.34e-04	0.07	-0.09	-6.88e-05	5.28e-05	1.67e-05
562	1	8.46e-04	0.11	-0.10	2.43e-05	1.08e-04	2.13e-05
562	3	6.36e-04	0.09	-0.07	1.85e-05	8.12e-05	1.60e-05
562	4	5.45e-04	0.07	-0.06	1.71e-05	6.99e-05	1.38e-05
562	5	5.45e-04	0.07	-0.06	1.71e-05	6.99e-05	1.38e-05
563	1	-9.65e-04	0.10	-0.10	-1.15e-04	-1.71e-04	2.17e-05
563	3	-7.24e-04	0.08	-0.07	-8.67e-05	-1.29e-04	1.63e-05
563	4	-6.26e-04	0.07	-0.06	-7.43e-05	-1.10e-04	1.41e-05
563	5	-6.26e-04	0.07	-0.06	-7.43e-05	-1.10e-04	1.41e-05
564	1	-1.00e-03	0.10	-0.14	-1.36e-04	-1.44e-04	2.17e-05
564	3	-7.51e-04	0.08	-0.11	-1.02e-04	-1.09e-04	1.63e-05
564	4	-6.49e-04	0.07	-0.09	-8.81e-05	-9.27e-05	1.41e-05
564	5	-6.49e-04	0.07	-0.09	-8.81e-05	-9.27e-05	1.41e-05
565	1	-8.77e-04	0.11	-0.14	-1.03e-04	1.13e-04	2.24e-05
565	3	-6.60e-04	0.08	-0.11	-7.79e-05	8.49e-05	1.68e-05
565	4	-5.73e-04	0.07	-0.09	-6.71e-05	7.26e-05	1.45e-05
565	5	-5.73e-04	0.07	-0.09	-6.71e-05	7.26e-05	1.45e-05
566	1	-9.48e-04	0.11	-0.09	2.38e-05	1.41e-04	2.24e-05
566	3	-7.14e-04	0.09	-0.07	1.82e-05	1.06e-04	1.68e-05
566	4	-6.19e-04	0.07	-0.06	1.68e-05	9.05e-05	1.45e-05
566	5	-6.19e-04	0.07	-0.06	1.68e-05	9.05e-05	1.45e-05
567	1	-2.73e-03	0.10	-0.10	-1.15e-04	-1.67e-04	2.20e-05
567	3	-2.05e-03	0.08	-0.07	-8.66e-05	-1.26e-04	1.65e-05
567	4	-1.77e-03	0.07	-0.06	-7.43e-05	-1.07e-04	1.43e-05
567	5	-1.77e-03	0.07	-0.06	-7.43e-05	-1.07e-04	1.43e-05
568	1	-2.79e-03	0.10	-0.14	-1.36e-04	-1.40e-04	2.20e-05
568	3	-2.10e-03	0.08	-0.11	-1.02e-04	-1.05e-04	1.65e-05
568	4	-1.81e-03	0.07	-0.09	-8.81e-05	-8.98e-05	1.43e-05
568	5	-1.81e-03	0.07	-0.09	-8.81e-05	-8.98e-05	1.43e-05
569	1	-2.68e-03	0.11	-0.14	-1.04e-04	1.19e-04	2.28e-05
569	3	-2.01e-03	0.08	-0.10	-7.82e-05	8.95e-05	1.71e-05
569	4	-1.74e-03	0.07	-0.09	-6.73e-05	7.65e-05	1.48e-05
569	5	-1.74e-03	0.07	-0.09	-6.73e-05	7.65e-05	1.48e-05
570	1	-2.72e-03	0.11	-0.09	2.29e-05	1.47e-04	2.28e-05
570	3	-2.05e-03	0.09	-0.07	1.75e-05	1.10e-04	1.71e-05
570	4	-1.77e-03	0.07	-0.06	1.62e-05	9.44e-05	1.48e-05

570	5	-1.77e-03	0.07	-0.06	1.62e-05	9.44e-05	1.48e-05
571	1	-4.56e-03	0.10	-0.10	-1.15e-04	-1.42e-04	2.17e-05
571	3	-3.43e-03	0.08	-0.08	-8.64e-05	-1.07e-04	1.63e-05
571	4	-2.96e-03	0.07	-0.07	-7.41e-05	-9.11e-05	1.41e-05
571	5	-2.96e-03	0.07	-0.07	-7.41e-05	-9.11e-05	1.41e-05
572	1	-4.58e-03	0.10	-0.15	-1.35e-04	-1.11e-04	2.53e-05
572	3	-3.44e-03	0.08	-0.11	-1.02e-04	-8.35e-05	1.90e-05
572	4	-2.97e-03	0.07	-0.09	-8.76e-05	-7.14e-05	1.64e-05
572	5	-2.97e-03	0.07	-0.09	-8.76e-05	-7.14e-05	1.64e-05
573	1	-4.61e-03	0.11	-0.14	-1.06e-04	1.13e-04	2.59e-05
573	3	-3.47e-03	0.08	-0.11	-7.97e-05	8.51e-05	1.95e-05
573	4	-3.00e-03	0.07	-0.09	-6.87e-05	7.29e-05	1.68e-05
573	5	-3.00e-03	0.07	-0.09	-6.87e-05	7.29e-05	1.68e-05
574	1	-4.64e-03	0.11	-0.09	2.17e-05	1.42e-04	2.25e-05
574	3	-3.49e-03	0.09	-0.07	1.66e-05	1.07e-04	1.69e-05
574	4	-3.01e-03	0.07	-0.06	1.54e-05	9.18e-05	1.46e-05
574	5	-3.01e-03	0.07	-0.06	1.54e-05	9.18e-05	1.46e-05
575	1	-6.67e-03	0.10	-0.12	-1.14e-04	-1.29e-04	2.34e-05
575	3	-5.02e-03	0.08	-0.09	-8.61e-05	-9.68e-05	1.76e-05
575	4	-4.33e-03	0.07	-0.07	-7.38e-05	-8.27e-05	1.52e-05
575	5	-4.33e-03	0.07	-0.07	-7.38e-05	-8.27e-05	1.52e-05
576	1	-6.66e-03	0.10	-0.16	-1.35e-04	-9.54e-05	2.58e-05
576	3	-5.01e-03	0.08	-0.12	-1.01e-04	-7.17e-05	1.95e-05
576	4	-4.32e-03	0.07	-0.10	-8.74e-05	-6.12e-05	1.68e-05
576	5	-4.32e-03	0.07	-0.10	-8.74e-05	-6.12e-05	1.68e-05
577	1	-6.89e-03	0.11	-0.15	-1.07e-04	1.33e-04	2.61e-05
577	3	-5.18e-03	0.08	-0.11	-8.06e-05	1.00e-04	1.97e-05
577	4	-4.47e-03	0.07	-0.09	-6.95e-05	8.59e-05	1.69e-05
577	5	-4.47e-03	0.07	-0.09	-6.95e-05	8.59e-05	1.69e-05
578	1	-6.87e-03	0.11	-0.10	2.04e-05	1.65e-04	2.38e-05
578	3	-5.17e-03	0.09	-0.07	1.56e-05	1.24e-04	1.79e-05
578	4	-4.46e-03	0.07	-0.06	1.46e-05	1.07e-04	1.54e-05
578	5	-4.46e-03	0.07	-0.06	1.46e-05	1.07e-04	1.54e-05
579	1	-9.08e-03	0.10	-0.14	-1.11e-04	-1.27e-04	2.55e-05
579	3	-6.83e-03	0.08	-0.10	-8.36e-05	-9.57e-05	1.92e-05
579	4	-5.89e-03	0.07	-0.09	-7.17e-05	-8.13e-05	1.65e-05
579	5	-5.89e-03	0.07	-0.09	-7.17e-05	-8.13e-05	1.65e-05
580	1	-9.12e-03	0.10	-0.18	-1.30e-04	-9.01e-05	2.55e-05
580	3	-6.86e-03	0.08	-0.13	-9.81e-05	-6.76e-05	1.92e-05
580	4	-5.92e-03	0.07	-0.11	-8.45e-05	-5.73e-05	1.65e-05
580	5	-5.92e-03	0.07	-0.11	-8.45e-05	-5.73e-05	1.65e-05
581	1	-9.01e-03	0.11	-0.14	-1.06e-04	1.78e-04	2.51e-05
581	3	-6.78e-03	0.08	-0.11	-8.02e-05	1.34e-04	1.89e-05
581	4	-5.85e-03	0.07	-0.09	-6.91e-05	1.15e-04	1.63e-05
581	5	-5.85e-03	0.07	-0.09	-6.91e-05	1.15e-04	1.63e-05
582	1	-9.03e-03	0.11	-0.09	1.91e-05	2.02e-04	2.51e-05
582	3	-6.79e-03	0.09	-0.07	1.46e-05	1.52e-04	1.89e-05
582	4	-5.86e-03	0.07	-0.06	1.37e-05	1.30e-04	1.63e-05
582	5	-5.86e-03	0.07	-0.06	1.37e-05	1.30e-04	1.63e-05
583	1	-0.01	0.10	-0.13	-1.12e-04	-1.22e-04	2.64e-05
583	3	-8.72e-03	0.08	-0.10	-8.43e-05	-9.15e-05	1.99e-05
583	4	-7.51e-03	0.07	-0.08	-7.23e-05	-7.76e-05	1.71e-05
583	5	-7.51e-03	0.07	-0.08	-7.23e-05	-7.76e-05	1.71e-05
584	1	-0.01	0.10	-0.16	-1.26e-04	-9.09e-05	2.64e-05
584	3	-8.73e-03	0.08	-0.12	-9.53e-05	-6.83e-05	1.99e-05
584	4	-7.53e-03	0.07	-0.11	-8.21e-05	-5.78e-05	1.71e-05
584	5	-7.53e-03	0.07	-0.11	-8.21e-05	-5.78e-05	1.71e-05
585	1	-0.01	0.11	-0.14	-1.09e-04	1.77e-04	2.58e-05
585	3	-8.54e-03	0.08	-0.11	-8.17e-05	1.33e-04	1.94e-05
585	4	-7.37e-03	0.07	-0.09	-7.05e-05	1.14e-04	1.67e-05
585	5	-7.37e-03	0.07	-0.09	-7.05e-05	1.14e-04	1.67e-05
586	1	-0.01	0.11	-0.09	1.71e-05	2.01e-04	2.58e-05
586	3	-8.56e-03	0.09	-0.07	1.32e-05	1.52e-04	1.94e-05
586	4	-7.38e-03	0.07	-0.06	1.24e-05	1.30e-04	1.67e-05
586	5	-7.38e-03	0.07	-0.06	1.24e-05	1.30e-04	1.67e-05
587	1	-0.01	0.10	-0.11	-1.16e-04	-1.48e-04	2.71e-05
587	3	-0.01	0.08	-0.08	-8.73e-05	-1.11e-04	2.04e-05
587	4	-9.11e-03	0.07	-0.07	-7.49e-05	-9.51e-05	1.76e-05
587	5	-9.11e-03	0.07	-0.07	-7.49e-05	-9.51e-05	1.76e-05
588	1	-0.01	0.10	-0.15	-1.25e-04	-1.19e-04	2.71e-05
588	3	-0.01	0.08	-0.11	-9.45e-05	-8.92e-05	2.04e-05
588	4	-9.12e-03	0.07	-0.10	-8.15e-05	-7.61e-05	1.76e-05
588	5	-9.12e-03	0.07	-0.10	-8.15e-05	-7.61e-05	1.76e-05
589	1	-0.01	0.11	-0.14	-1.11e-04	1.43e-04	2.61e-05
589	3	-0.01	0.08	-0.11	-8.38e-05	1.08e-04	1.96e-05
589	4	-8.97e-03	0.07	-0.09	-7.23e-05	9.22e-05	1.69e-05
589	5	-8.97e-03	0.07	-0.09	-7.23e-05	9.22e-05	1.69e-05

590	1	-0.01	0.11	-0.09	1.48e-05	1.70e-04	2.61e-05
590	3	-0.01	0.09	-0.07	1.14e-05	1.28e-04	1.96e-05
590	4	-9.01e-03	0.07	-0.06	1.09e-05	1.10e-04	1.69e-05
590	5	-9.01e-03	0.07	-0.06	1.09e-05	1.10e-04	1.69e-05
591	1	-0.02	0.10	-0.10	-1.20e-04	-1.48e-04	2.81e-05
591	3	-0.01	0.08	-0.08	-9.06e-05	-1.12e-04	2.12e-05
591	4	-0.01	0.07	-0.07	-7.78e-05	-9.59e-05	1.82e-05
591	5	-0.01	0.07	-0.07	-7.78e-05	-9.59e-05	1.82e-05
592	1	-0.02	0.10	-0.14	-1.29e-04	-1.19e-04	2.79e-05
592	3	-0.01	0.08	-0.11	-9.73e-05	-8.97e-05	2.10e-05
592	4	-0.01	0.07	-0.09	-8.39e-05	-7.70e-05	1.81e-05
592	5	-0.01	0.07	-0.09	-8.39e-05	-7.70e-05	1.81e-05
593	1	-0.02	0.11	-0.14	-1.15e-04	9.26e-05	2.61e-05
593	3	-0.01	0.08	-0.11	-8.68e-05	6.97e-05	1.96e-05
593	4	-0.01	0.07	-0.09	-7.50e-05	5.98e-05	1.69e-05
593	5	-0.01	0.07	-0.09	-7.50e-05	5.98e-05	1.69e-05
594	1	-0.02	0.11	-0.10	1.21e-05	1.25e-04	2.55e-05
594	3	-0.01	0.09	-0.07	9.39e-06	9.43e-05	1.92e-05
594	4	-0.01	0.07	-0.06	9.12e-06	8.09e-05	1.66e-05
594	5	-0.01	0.07	-0.06	9.12e-06	8.09e-05	1.66e-05
595	1	-0.02	0.10	-0.11	-1.25e-04	-1.62e-04	2.94e-05
595	3	-0.01	0.08	-0.08	-9.41e-05	-1.22e-04	2.21e-05
595	4	-0.01	0.07	-0.07	-8.08e-05	-1.05e-04	1.91e-05
595	5	-0.01	0.07	-0.07	-8.08e-05	-1.05e-04	1.91e-05
596	1	-0.02	0.10	-0.15	-1.34e-04	-1.31e-04	2.87e-05
596	3	-0.01	0.08	-0.11	-1.01e-04	-9.85e-05	2.16e-05
596	4	-0.01	0.07	-0.10	-8.69e-05	-8.47e-05	1.86e-05
596	5	-0.01	0.07	-0.10	-8.69e-05	-8.47e-05	1.86e-05
597	1	-0.02	0.11	-0.15	-1.18e-04	5.62e-05	2.54e-05
597	3	-0.01	0.08	-0.12	-8.92e-05	4.23e-05	1.91e-05
597	4	-0.01	0.07	-0.10	-7.71e-05	3.62e-05	1.64e-05
597	5	-0.01	0.07	-0.10	-7.71e-05	3.62e-05	1.64e-05
598	1	-0.02	0.11	-0.11	1.11e-05	8.68e-05	2.46e-05
598	3	-0.01	0.09	-0.08	8.60e-06	6.53e-05	1.85e-05
598	4	-0.01	0.07	-0.07	8.42e-06	5.60e-05	1.60e-05
598	5	-0.01	0.07	-0.07	8.42e-06	5.60e-05	1.60e-05
599	1	-0.02	0.10	-0.12	-1.28e-04	-1.79e-04	3.05e-05
599	3	-0.02	0.08	-0.09	-9.64e-05	-1.35e-04	2.30e-05
599	4	-0.01	0.07	-0.08	-8.28e-05	-1.16e-04	1.98e-05
599	5	-0.01	0.07	-0.08	-8.28e-05	-1.16e-04	1.98e-05
600	1	-0.02	0.10	-0.15	-1.41e-04	-1.60e-04	2.95e-05
600	3	-0.02	0.08	-0.11	-1.06e-04	-1.21e-04	2.22e-05
600	4	-0.01	0.07	-0.09	-9.16e-05	-1.04e-04	1.91e-05
600	5	-0.01	0.07	-0.09	-9.16e-05	-1.04e-04	1.91e-05
601	1	-0.02	0.11	-0.16	-1.27e-04	-1.95e-05	2.46e-05
601	3	-0.02	0.08	-0.12	-9.55e-05	-1.48e-05	1.85e-05
601	4	-0.01	0.07	-0.10	-8.24e-05	-1.29e-05	1.60e-05
601	5	-0.01	0.07	-0.10	-8.24e-05	-1.29e-05	1.60e-05
602	1	-0.02	0.11	-0.16	5.46e-06	-9.77e-06	2.36e-05
602	3	-0.02	0.09	-0.12	4.36e-06	-7.41e-06	1.78e-05
602	4	-0.01	0.07	-0.11	4.77e-06	-6.65e-06	1.54e-05
602	5	-0.01	0.07	-0.11	4.77e-06	-6.65e-06	1.54e-05
603	1	1.91e-03	0.11	-0.07	-9.15e-05	-1.11e-04	1.81e-05
603	3	1.46e-03	0.08	-0.05	-6.91e-05	-8.34e-05	1.36e-05
603	4	1.29e-03	0.07	-0.05	-5.93e-05	-7.11e-05	1.17e-05
603	5	1.29e-03	0.07	-0.05	-5.93e-05	-7.11e-05	1.17e-05
604	1	3.52e-03	0.11	-0.11	-4.03e-05	-9.68e-05	2.29e-05
604	3	2.67e-03	0.09	-0.08	-3.07e-05	-7.26e-05	1.72e-05
604	4	2.33e-03	0.07	-0.07	-2.74e-05	-6.20e-05	1.49e-05
604	5	2.33e-03	0.07	-0.07	-2.74e-05	-6.20e-05	1.49e-05
605	1	0.02	0.12	-0.11	-4.76e-05	9.70e-05	2.87e-05
605	3	0.02	0.09	-0.08	-3.58e-05	7.32e-05	2.16e-05
605	4	0.02	0.08	-0.07	-3.21e-05	6.26e-05	1.86e-05
605	5	0.02	0.08	-0.07	-3.21e-05	6.26e-05	1.86e-05
606	1	0.03	0.11	-0.07	0.0	1.11e-04	2.63e-05
606	3	0.02	0.09	-0.05	0.0	8.39e-05	1.98e-05
606	4	0.02	0.07	-0.05	1.12e-06	7.18e-05	1.70e-05
606	5	0.02	0.07	-0.05	1.12e-06	7.18e-05	1.70e-05
607	1	-3.95e-04	0.11	-0.09	-9.52e-05	-1.11e-04	1.91e-05
607	3	-2.83e-04	0.08	-0.07	-7.19e-05	-8.31e-05	1.44e-05
607	4	-2.10e-04	0.07	-0.06	-6.16e-05	-7.10e-05	1.23e-05
607	5	-2.10e-04	0.07	-0.06	-6.16e-05	-7.10e-05	1.23e-05
608	1	1.70e-03	0.11	-0.13	-4.49e-05	-9.38e-05	2.36e-05
608	3	1.29e-03	0.09	-0.10	-3.42e-05	-7.04e-05	1.78e-05
608	4	1.15e-03	0.07	-0.09	-3.03e-05	-6.01e-05	1.53e-05
608	5	1.15e-03	0.07	-0.09	-3.03e-05	-6.01e-05	1.53e-05
609	1	0.02	0.12	-0.13	-5.22e-05	8.97e-05	2.80e-05

609	3	0.02	0.09	-0.10	-3.93e-05	6.77e-05	2.11e-05
609	4	0.01	0.08	-0.09	-3.50e-05	5.78e-05	1.81e-05
609	5	0.01	0.08	-0.09	-3.50e-05	5.78e-05	1.81e-05
610	1	0.02	0.11	-0.09	-4.55e-06	1.07e-04	2.53e-05
610	3	0.02	0.09	-0.07	-3.01e-06	8.09e-05	1.91e-05
610	4	0.01	0.07	-0.06	-1.14e-06	6.92e-05	1.64e-05
610	5	0.01	0.07	-0.06	-1.14e-06	6.92e-05	1.64e-05
611	1	-4.36e-03	0.11	-0.10	-9.87e-05	-1.28e-04	1.99e-05
611	3	-3.29e-03	0.08	-0.08	-7.46e-05	-9.64e-05	1.50e-05
611	4	-2.78e-03	0.07	-0.07	-6.39e-05	-8.23e-05	1.29e-05
611	5	-2.78e-03	0.07	-0.07	-6.39e-05	-8.23e-05	1.29e-05
612	1	-1.97e-03	0.11	-0.15	-5.65e-05	-1.10e-04	2.42e-05
612	3	-1.48e-03	0.09	-0.11	-4.29e-05	-8.24e-05	1.82e-05
612	4	-1.23e-03	0.07	-0.10	-3.78e-05	-7.03e-05	1.57e-05
612	5	-1.23e-03	0.07	-0.10	-3.78e-05	-7.03e-05	1.57e-05
613	1	0.02	0.12	-0.15	-6.43e-05	1.02e-04	2.73e-05
613	3	0.01	0.09	-0.11	-4.84e-05	7.67e-05	2.05e-05
613	4	0.01	0.08	-0.10	-4.28e-05	6.54e-05	1.77e-05
613	5	0.01	0.08	-0.10	-4.28e-05	6.54e-05	1.77e-05
614	1	0.02	0.11	-0.10	-8.19e-06	1.20e-04	2.43e-05
614	3	0.02	0.09	-0.08	-5.75e-06	9.04e-05	1.83e-05
614	4	0.01	0.07	-0.07	-3.46e-06	7.72e-05	1.57e-05
614	5	0.01	0.07	-0.07	-3.46e-06	7.72e-05	1.57e-05
615	1	-8.91e-03	0.11	-0.10	-1.01e-04	-1.49e-04	2.16e-05
615	3	-6.68e-03	0.08	-0.08	-7.63e-05	-1.12e-04	1.62e-05
615	4	-5.65e-03	0.07	-0.07	-6.53e-05	-9.54e-05	1.40e-05
615	5	-5.65e-03	0.07	-0.07	-6.53e-05	-9.54e-05	1.40e-05
616	1	-6.93e-03	0.11	-0.15	-6.76e-05	-1.36e-04	2.16e-05
616	3	-5.19e-03	0.09	-0.12	-5.13e-05	-1.02e-04	1.62e-05
616	4	-4.37e-03	0.07	-0.10	-4.48e-05	-8.69e-05	1.40e-05
616	5	-4.37e-03	0.07	-0.10	-4.48e-05	-8.69e-05	1.40e-05
617	1	0.02	0.12	-0.15	-7.68e-05	1.20e-04	2.42e-05
617	3	0.01	0.09	-0.12	-5.79e-05	9.04e-05	1.82e-05
617	4	0.01	0.08	-0.10	-5.08e-05	7.67e-05	1.57e-05
617	5	0.01	0.08	-0.10	-5.08e-05	7.67e-05	1.57e-05
618	1	0.02	0.11	-0.11	-1.10e-05	1.34e-04	2.42e-05
618	3	0.02	0.09	-0.08	-7.87e-06	1.01e-04	1.82e-05
618	4	0.01	0.07	-0.07	-5.24e-06	8.56e-05	1.57e-05
618	5	0.01	0.07	-0.07	-5.24e-06	8.56e-05	1.57e-05
619	1	-0.01	0.11	-0.11	-1.02e-04	-1.58e-04	2.17e-05
619	3	-8.75e-03	0.08	-0.08	-7.72e-05	-1.19e-04	1.64e-05
619	4	-7.42e-03	0.07	-0.07	-6.61e-05	-1.01e-04	1.41e-05
619	5	-7.42e-03	0.07	-0.07	-6.61e-05	-1.01e-04	1.41e-05
620	1	-9.58e-03	0.11	-0.16	-7.73e-05	-1.44e-04	2.17e-05
620	3	-7.19e-03	0.09	-0.12	-5.86e-05	-1.08e-04	1.64e-05
620	4	-6.09e-03	0.07	-0.10	-5.09e-05	-9.22e-05	1.41e-05
620	5	-6.09e-03	0.07	-0.10	-5.09e-05	-9.22e-05	1.41e-05
621	1	0.02	0.12	-0.16	-8.73e-05	1.20e-04	2.36e-05
621	3	0.01	0.09	-0.12	-6.57e-05	9.00e-05	1.77e-05
621	4	0.01	0.08	-0.10	-5.74e-05	7.64e-05	1.52e-05
621	5	0.01	0.08	-0.10	-5.74e-05	7.64e-05	1.52e-05
622	1	0.02	0.11	-0.11	-1.23e-05	1.34e-04	2.36e-05
622	3	0.01	0.09	-0.08	-8.82e-06	1.01e-04	1.77e-05
622	4	0.01	0.07	-0.07	-6.03e-06	8.57e-05	1.52e-05
622	5	0.01	0.07	-0.07	-6.03e-06	8.57e-05	1.52e-05
623	1	-0.01	0.11	-0.11	-1.04e-04	-1.50e-04	2.08e-05
623	3	-9.40e-03	0.08	-0.08	-7.82e-05	-1.13e-04	1.57e-05
623	4	-8.00e-03	0.07	-0.07	-6.69e-05	-9.60e-05	1.35e-05
623	5	-8.00e-03	0.07	-0.07	-6.69e-05	-9.60e-05	1.35e-05
624	1	-9.86e-03	0.11	-0.16	-8.61e-05	-1.30e-04	2.51e-05
624	3	-7.42e-03	0.09	-0.12	-6.52e-05	-9.78e-05	1.89e-05
624	4	-6.31e-03	0.07	-0.10	-5.65e-05	-8.33e-05	1.63e-05
624	5	-6.31e-03	0.07	-0.10	-5.65e-05	-8.33e-05	1.63e-05
625	1	0.01	0.12	-0.16	-9.64e-05	1.00e-04	2.57e-05
625	3	0.01	0.09	-0.12	-7.26e-05	7.53e-05	1.93e-05
625	4	8.58e-03	0.08	-0.10	-6.32e-05	6.40e-05	1.66e-05
625	5	8.58e-03	0.08	-0.10	-6.32e-05	6.40e-05	1.66e-05
626	1	0.02	0.11	-0.11	-1.31e-05	1.20e-04	2.17e-05
626	3	0.01	0.09	-0.08	-9.44e-06	9.05e-05	1.63e-05
626	4	0.01	0.07	-0.07	-6.53e-06	7.70e-05	1.40e-05
626	5	0.01	0.07	-0.07	-6.53e-06	7.70e-05	1.40e-05
627	1	-0.02	0.11	-0.11	-1.04e-04	-1.56e-04	2.00e-05
627	3	-0.01	0.08	-0.08	-7.88e-05	-1.18e-04	1.51e-05
627	4	-9.83e-03	0.07	-0.07	-6.75e-05	-1.00e-04	1.30e-05
627	5	-9.83e-03	0.07	-0.07	-6.75e-05	-1.00e-04	1.30e-05
628	1	-0.01	0.11	-0.16	-9.43e-05	-1.35e-04	2.48e-05
628	3	-9.49e-03	0.09	-0.12	-7.14e-05	-1.02e-04	1.87e-05

628	4	-8.09e-03	0.07	-0.10	-6.17e-05	-8.65e-05	1.61e-05
628	5	-8.09e-03	0.07	-0.10	-6.17e-05	-8.65e-05	1.61e-05
629	1	0.01	0.12	-0.16	-1.05e-04	1.05e-04	2.57e-05
629	3	8.21e-03	0.09	-0.12	-7.93e-05	7.89e-05	1.93e-05
629	4	7.02e-03	0.08	-0.11	-6.89e-05	6.71e-05	1.67e-05
629	5	7.02e-03	0.08	-0.11	-6.89e-05	6.71e-05	1.67e-05
630	1	0.01	0.11	-0.11	-1.36e-05	1.27e-04	2.13e-05
630	3	0.01	0.09	-0.08	-9.83e-06	9.57e-05	1.60e-05
630	4	8.78e-03	0.07	-0.07	-6.86e-06	8.16e-05	1.38e-05
630	5	8.78e-03	0.07	-0.07	-6.86e-06	8.16e-05	1.38e-05
631	1	-0.02	0.11	-0.11	-1.05e-04	-1.67e-04	2.17e-05
631	3	-0.01	0.08	-0.08	-7.89e-05	-1.26e-04	1.63e-05
631	4	-0.01	0.07	-0.07	-6.75e-05	-1.07e-04	1.41e-05
631	5	-0.01	0.07	-0.07	-6.75e-05	-1.07e-04	1.41e-05
632	1	-0.02	0.11	-0.16	-1.00e-04	-1.53e-04	2.17e-05
632	3	-0.01	0.09	-0.12	-7.56e-05	-1.15e-04	1.63e-05
632	4	-0.01	0.07	-0.10	-6.52e-05	-9.78e-05	1.41e-05
632	5	-0.01	0.07	-0.10	-6.52e-05	-9.78e-05	1.41e-05
633	1	0.01	0.12	-0.16	-1.12e-04	1.17e-04	2.24e-05
633	3	8.62e-03	0.09	-0.12	-8.40e-05	8.76e-05	1.68e-05
633	4	7.32e-03	0.08	-0.10	-7.29e-05	7.43e-05	1.45e-05
633	5	7.32e-03	0.08	-0.10	-7.29e-05	7.43e-05	1.45e-05
634	1	0.01	0.11	-0.11	-1.36e-05	1.32e-04	2.24e-05
634	3	0.01	0.09	-0.08	-9.79e-06	9.92e-05	1.68e-05
634	4	8.73e-03	0.07	-0.07	-6.81e-06	8.42e-05	1.45e-05
634	5	8.73e-03	0.07	-0.07	-6.81e-06	8.42e-05	1.45e-05
635	1	-0.02	0.11	-0.11	-1.04e-04	-1.62e-04	2.20e-05
635	3	-0.02	0.08	-0.08	-7.88e-05	-1.22e-04	1.65e-05
635	4	-0.01	0.07	-0.07	-6.74e-05	-1.04e-04	1.43e-05
635	5	-0.01	0.07	-0.07	-6.74e-05	-1.04e-04	1.43e-05
636	1	-0.02	0.11	-0.16	-1.05e-04	-1.48e-04	2.20e-05
636	3	-0.01	0.09	-0.12	-7.90e-05	-1.11e-04	1.65e-05
636	4	-0.01	0.07	-0.10	-6.81e-05	-9.43e-05	1.43e-05
636	5	-0.01	0.07	-0.10	-6.81e-05	-9.43e-05	1.43e-05
637	1	0.01	0.12	-0.16	-1.16e-04	1.20e-04	2.28e-05
637	3	7.60e-03	0.09	-0.12	-8.70e-05	9.03e-05	1.71e-05
637	4	6.44e-03	0.08	-0.10	-7.53e-05	7.67e-05	1.48e-05
637	5	6.44e-03	0.08	-0.10	-7.53e-05	7.67e-05	1.48e-05
638	1	0.01	0.11	-0.11	-1.24e-05	1.34e-04	2.28e-05
638	3	9.20e-03	0.09	-0.08	-8.93e-06	1.01e-04	1.71e-05
638	4	7.81e-03	0.07	-0.07	-6.05e-06	8.60e-05	1.48e-05
638	5	7.81e-03	0.07	-0.07	-6.05e-06	8.60e-05	1.48e-05
639	1	-0.02	0.11	-0.12	-1.05e-04	-1.38e-04	2.17e-05
639	3	-0.01	0.08	-0.09	-7.93e-05	-1.04e-04	1.63e-05
639	4	-0.01	0.07	-0.07	-6.79e-05	-8.83e-05	1.41e-05
639	5	-0.01	0.07	-0.07	-6.79e-05	-8.83e-05	1.41e-05
640	1	-0.02	0.11	-0.17	-1.10e-04	-1.17e-04	2.53e-05
640	3	-0.01	0.09	-0.13	-8.27e-05	-8.83e-05	1.90e-05
640	4	-0.01	0.07	-0.11	-7.11e-05	-7.52e-05	1.64e-05
640	5	-0.01	0.07	-0.11	-7.11e-05	-7.52e-05	1.64e-05
641	1	7.16e-03	0.12	-0.16	-1.19e-04	1.13e-04	2.59e-05
641	3	5.39e-03	0.09	-0.12	-8.93e-05	8.51e-05	1.95e-05
641	4	4.56e-03	0.08	-0.10	-7.72e-05	7.23e-05	1.68e-05
641	5	4.56e-03	0.08	-0.10	-7.72e-05	7.23e-05	1.68e-05
642	1	9.73e-03	0.11	-0.11	-1.07e-05	1.32e-04	2.25e-05
642	3	7.32e-03	0.09	-0.08	-7.66e-06	9.95e-05	1.69e-05
642	4	6.21e-03	0.07	-0.07	-4.93e-06	8.47e-05	1.46e-05
642	5	6.21e-03	0.07	-0.07	-4.93e-06	8.47e-05	1.46e-05
643	1	-0.02	0.11	-0.13	-1.07e-04	-1.21e-04	2.34e-05
643	3	-0.01	0.08	-0.10	-8.07e-05	-9.07e-05	1.76e-05
643	4	-0.01	0.07	-0.08	-6.90e-05	-7.71e-05	1.52e-05
643	5	-0.01	0.07	-0.08	-6.90e-05	-7.71e-05	1.52e-05
644	1	-0.02	0.11	-0.18	-1.16e-04	-1.01e-04	2.58e-05
644	3	-0.01	0.09	-0.13	-8.73e-05	-7.55e-05	1.95e-05
644	4	-0.01	0.07	-0.11	-7.49e-05	-6.41e-05	1.68e-05
644	5	-0.01	0.07	-0.11	-7.49e-05	-6.41e-05	1.68e-05
645	1	6.79e-03	0.12	-0.17	-1.22e-04	1.33e-04	2.61e-05
645	3	5.12e-03	0.09	-0.12	-9.21e-05	9.99e-05	1.97e-05
645	4	4.33e-03	0.08	-0.11	-7.95e-05	8.51e-05	1.69e-05
645	5	4.33e-03	0.08	-0.11	-7.95e-05	8.51e-05	1.69e-05
646	1	9.63e-03	0.11	-0.11	-8.81e-06	1.53e-04	2.38e-05
646	3	7.26e-03	0.08	-0.08	-6.23e-06	1.16e-04	1.79e-05
646	4	6.16e-03	0.07	-0.07	-3.68e-06	9.85e-05	1.54e-05
646	5	6.16e-03	0.07	-0.07	-3.68e-06	9.85e-05	1.54e-05
647	1	-0.02	0.11	-0.15	-1.11e-04	-1.02e-04	2.55e-05
647	3	-0.02	0.08	-0.11	-8.38e-05	-7.67e-05	1.92e-05
647	4	-0.01	0.07	-0.09	-7.17e-05	-6.47e-05	1.65e-05

647	5	-0.01	0.07	-0.09	-7.17e-05	-6.47e-05	1.65e-05
648	1	-0.02	0.11	-0.19	-1.25e-04	-8.60e-05	2.55e-05
648	3	-0.01	0.09	-0.14	-9.40e-05	-6.45e-05	1.92e-05
648	4	-0.01	0.07	-0.12	-8.06e-05	-5.43e-05	1.65e-05
648	5	-0.01	0.07	-0.12	-8.06e-05	-5.43e-05	1.65e-05
649	1	9.55e-03	0.12	-0.16	-1.25e-04	1.79e-04	2.51e-05
649	3	7.19e-03	0.09	-0.12	-9.45e-05	1.35e-04	1.89e-05
649	4	6.07e-03	0.08	-0.10	-8.15e-05	1.15e-04	1.63e-05
649	5	6.07e-03	0.08	-0.10	-8.15e-05	1.15e-04	1.63e-05
650	1	0.01	0.11	-0.10	-6.31e-06	1.93e-04	2.51e-05
650	3	8.70e-03	0.08	-0.08	-4.34e-06	1.46e-04	1.89e-05
650	4	7.36e-03	0.07	-0.07	-2.02e-06	1.24e-04	1.63e-05
650	5	7.36e-03	0.07	-0.07	-2.02e-06	1.24e-04	1.63e-05
651	1	-0.02	0.11	-0.14	-1.14e-04	-1.01e-04	2.64e-05
651	3	-0.02	0.08	-0.11	-8.60e-05	-7.57e-05	1.99e-05
651	4	-0.02	0.07	-0.09	-7.36e-05	-6.38e-05	1.71e-05
651	5	-0.02	0.07	-0.09	-7.36e-05	-6.38e-05	1.71e-05
652	1	-0.02	0.11	-0.18	-1.32e-04	-8.62e-05	2.64e-05
652	3	-0.02	0.09	-0.14	-9.96e-05	-6.47e-05	1.99e-05
652	4	-0.01	0.07	-0.12	-8.53e-05	-5.44e-05	1.71e-05
652	5	-0.01	0.07	-0.12	-8.53e-05	-5.44e-05	1.71e-05
653	1	7.25e-03	0.12	-0.16	-1.27e-04	1.81e-04	2.58e-05
653	3	5.46e-03	0.09	-0.12	-9.54e-05	1.36e-04	1.94e-05
653	4	4.57e-03	0.08	-0.10	-8.21e-05	1.16e-04	1.67e-05
653	5	4.57e-03	0.08	-0.10	-8.21e-05	1.16e-04	1.67e-05
654	1	9.22e-03	0.11	-0.10	-2.29e-06	1.94e-04	2.58e-05
654	3	6.94e-03	0.08	-0.08	-1.31e-06	1.46e-04	1.94e-05
654	4	5.84e-03	0.07	-0.07	0.0	1.25e-04	1.67e-05
654	5	5.84e-03	0.07	-0.07	0.0	1.25e-04	1.67e-05
655	1	-0.03	0.11	-0.12	-1.15e-04	-1.32e-04	2.71e-05
655	3	-0.02	0.08	-0.09	-8.65e-05	-9.93e-05	2.04e-05
655	4	-0.02	0.07	-0.08	-7.40e-05	-8.43e-05	1.76e-05
655	5	-0.02	0.07	-0.08	-7.40e-05	-8.43e-05	1.76e-05
656	1	-0.03	0.11	-0.17	-1.36e-04	-1.18e-04	2.71e-05
656	3	-0.02	0.09	-0.13	-1.02e-04	-8.85e-05	2.04e-05
656	4	-0.02	0.07	-0.11	-8.76e-05	-7.50e-05	1.76e-05
656	5	-0.02	0.07	-0.11	-8.76e-05	-7.50e-05	1.76e-05
657	1	1.71e-03	0.12	-0.16	-1.27e-04	1.51e-04	2.61e-05
657	3	1.28e-03	0.09	-0.12	-9.56e-05	1.14e-04	1.96e-05
657	4	9.93e-04	0.08	-0.10	-8.22e-05	9.67e-05	1.69e-05
657	5	9.93e-04	0.08	-0.10	-8.22e-05	9.67e-05	1.69e-05
658	1	3.83e-03	0.11	-0.11	2.18e-06	1.65e-04	2.61e-05
658	3	2.87e-03	0.08	-0.08	2.05e-06	1.25e-04	1.96e-05
658	4	2.35e-03	0.07	-0.07	3.59e-06	1.06e-04	1.69e-05
658	5	2.35e-03	0.07	-0.07	3.59e-06	1.06e-04	1.69e-05
659	1	-0.03	0.14	-0.20	1.53e-05	4.38e-05	2.46e-05
659	3	-0.03	0.10	-0.15	1.01e-05	3.31e-05	1.85e-05
659	4	-0.02	0.09	-0.13	8.67e-06	2.83e-05	1.60e-05
659	5	-0.02	0.09	-0.13	8.67e-06	2.83e-05	1.60e-05
660	1	-0.03	0.11	-0.16	-1.36e-04	-1.18e-04	2.79e-05
660	3	-0.02	0.09	-0.12	-1.03e-04	-8.85e-05	2.10e-05
660	4	-0.02	0.07	-0.11	-8.79e-05	-7.54e-05	1.81e-05
660	5	-0.02	0.07	-0.11	-8.79e-05	-7.54e-05	1.81e-05
661	1	-6.08e-03	0.12	-0.16	-1.26e-04	1.02e-04	2.61e-05
661	3	-4.59e-03	0.09	-0.12	-9.51e-05	7.69e-05	1.96e-05
661	4	-4.02e-03	0.08	-0.10	-8.17e-05	6.56e-05	1.69e-05
661	5	-4.02e-03	0.08	-0.10	-8.17e-05	6.56e-05	1.69e-05
662	1	-0.04	0.14	-0.18	4.46e-05	4.99e-05	2.36e-05
662	3	-0.03	0.10	-0.13	3.20e-05	3.77e-05	1.78e-05
662	4	-0.02	0.09	-0.11	2.54e-05	3.22e-05	1.54e-05
662	5	-0.02	0.09	-0.11	2.54e-05	3.22e-05	1.54e-05
663	1	-0.03	0.11	-0.12	-1.15e-04	-1.50e-04	2.94e-05
663	3	-0.03	0.08	-0.09	-8.67e-05	-1.13e-04	2.21e-05
663	4	-0.02	0.07	-0.08	-7.41e-05	-9.67e-05	1.91e-05
663	5	-0.02	0.07	-0.08	-7.41e-05	-9.67e-05	1.91e-05
664	1	-0.03	0.12	-0.17	-1.36e-04	-1.32e-04	2.87e-05
664	3	-0.02	0.09	-0.13	-1.03e-04	-9.90e-05	2.16e-05
664	4	-0.02	0.07	-0.11	-8.78e-05	-8.47e-05	1.86e-05
664	5	-0.02	0.07	-0.11	-8.78e-05	-8.47e-05	1.86e-05
665	1	-0.01	0.12	-0.17	-1.27e-04	6.13e-05	2.54e-05
665	3	-9.31e-03	0.09	-0.13	-9.52e-05	4.61e-05	1.91e-05
665	4	-8.07e-03	0.08	-0.11	-8.19e-05	3.92e-05	1.64e-05
665	5	-8.07e-03	0.08	-0.11	-8.19e-05	3.92e-05	1.64e-05
666	1	-0.01	0.11	-0.12	9.72e-06	7.84e-05	2.46e-05
666	3	-7.54e-03	0.08	-0.09	7.73e-06	5.90e-05	1.85e-05
666	4	-6.55e-03	0.07	-0.08	8.64e-06	5.02e-05	1.60e-05
666	5	-6.55e-03	0.07	-0.08	8.64e-06	5.02e-05	1.60e-05



667	1	-0.04	0.11	-0.12	-1.17e-04	-1.76e-04	3.05e-05
667	3	-0.03	0.08	-0.09	-8.84e-05	-1.32e-04	2.30e-05
667	4	-0.03	0.07	-0.08	-7.56e-05	-1.13e-04	1.98e-05
667	5	-0.03	0.07	-0.08	-7.56e-05	-1.13e-04	1.98e-05
668	1	-0.04	0.12	-0.16	-1.36e-04	-1.66e-04	2.95e-05
668	3	-0.03	0.09	-0.12	-1.03e-04	-1.25e-04	2.22e-05
668	4	-0.02	0.07	-0.10	-8.77e-05	-1.07e-04	1.91e-05
668	5	-0.02	0.07	-0.10	-8.77e-05	-1.07e-04	1.91e-05
669	1	-0.02	0.12	-0.17	-1.26e-04	-1.94e-05	2.46e-05
669	3	-0.02	0.09	-0.13	-9.49e-05	-1.47e-05	1.85e-05
669	4	-0.01	0.08	-0.11	-8.16e-05	-1.30e-05	1.60e-05
669	5	-0.01	0.08	-0.11	-8.16e-05	-1.30e-05	1.60e-05
670	1	-0.02	0.11	-0.17	1.17e-05	-1.23e-05	2.36e-05
670	3	-0.02	0.08	-0.13	9.23e-06	-9.38e-06	1.78e-05
670	4	-0.01	0.07	-0.11	9.99e-06	-8.45e-06	1.54e-05
670	5	-0.01	0.07	-0.11	9.99e-06	-8.45e-06	1.54e-05
671	1	7.43e-03	0.12	-0.08	-8.66e-05	2.82e-04	1.81e-05
671	3	5.63e-03	0.09	-0.06	-6.52e-05	2.12e-04	1.36e-05
671	4	4.88e-03	0.08	-0.05	-5.60e-05	1.81e-04	1.17e-05
671	5	4.88e-03	0.08	-0.05	-5.60e-05	1.81e-04	1.17e-05
672	1	7.35e-03	0.12	-0.13	-1.43e-04	2.26e-04	2.29e-05
672	3	5.57e-03	0.09	-0.09	-1.08e-04	1.70e-04	1.72e-05
672	4	4.83e-03	0.08	-0.08	-9.17e-05	1.45e-04	1.49e-05
672	5	4.83e-03	0.08	-0.08	-9.17e-05	1.45e-04	1.49e-05
673	1	-0.01	0.11	-0.17	8.00e-05	1.82e-04	2.71e-05
673	3	-8.33e-03	0.09	-0.12	6.00e-05	1.37e-04	2.04e-05
673	4	-7.23e-03	0.07	-0.11	5.07e-05	1.16e-04	1.76e-05
673	5	-7.23e-03	0.07	-0.11	5.07e-05	1.16e-04	1.76e-05
674	1	-6.83e-03	0.14	-0.23	-1.80e-05	-3.23e-05	2.57e-05
674	3	-5.09e-03	0.11	-0.17	-1.30e-05	-2.42e-05	1.93e-05
674	4	-4.31e-03	0.09	-0.15	-1.11e-05	-2.06e-05	1.66e-05
674	5	-4.31e-03	0.09	-0.15	-1.11e-05	-2.06e-05	1.66e-05
675	1	0.02	0.13	-0.13	-1.48e-04	-2.30e-04	2.87e-05
675	3	0.01	0.09	-0.09	-1.11e-04	-1.73e-04	2.16e-05
675	4	0.01	0.08	-0.08	-9.47e-05	-1.48e-04	1.86e-05
675	5	0.01	0.08	-0.08	-9.47e-05	-1.48e-04	1.86e-05
676	1	-0.01	0.11	-0.16	7.79e-05	1.88e-05	2.81e-05
676	3	-0.01	0.08	-0.12	5.82e-05	1.46e-05	2.12e-05
676	4	-9.50e-03	0.07	-0.10	4.79e-05	1.26e-05	1.82e-05
676	5	-9.50e-03	0.07	-0.10	4.79e-05	1.26e-05	1.82e-05
677	1	3.85e-03	0.12	-0.10	-7.85e-05	2.54e-04	1.91e-05
677	3	2.93e-03	0.09	-0.08	-5.91e-05	1.91e-04	1.44e-05
677	4	2.55e-03	0.08	-0.07	-5.09e-05	1.63e-04	1.23e-05
677	5	2.55e-03	0.08	-0.07	-5.09e-05	1.63e-04	1.23e-05
678	1	3.78e-03	0.12	-0.15	-1.27e-04	1.84e-04	2.36e-05
678	3	2.88e-03	0.09	-0.12	-9.54e-05	1.38e-04	1.78e-05
678	4	2.51e-03	0.08	-0.10	-8.11e-05	1.18e-04	1.53e-05
678	5	2.51e-03	0.08	-0.10	-8.11e-05	1.18e-04	1.53e-05
679	1	0.02	0.13	-0.15	-1.32e-04	-1.83e-04	2.80e-05
679	3	0.01	0.09	-0.12	-9.89e-05	-1.38e-04	2.11e-05
679	4	0.01	0.08	-0.10	-8.39e-05	-1.18e-04	1.81e-05
679	5	0.01	0.08	-0.10	-8.39e-05	-1.18e-04	1.81e-05
680	1	0.02	0.12	-0.10	-1.97e-04	-2.54e-04	2.53e-05
680	3	0.01	0.09	-0.08	-1.48e-04	-1.91e-04	1.91e-05
680	4	0.01	0.08	-0.07	-1.29e-04	-1.63e-04	1.64e-05
680	5	0.01	0.08	-0.07	-1.29e-04	-1.63e-04	1.64e-05
681	1	2.91e-04	0.12	-0.12	-6.77e-05	2.88e-04	1.99e-05
681	3	2.25e-04	0.09	-0.09	-5.10e-05	2.17e-04	1.50e-05
681	4	2.35e-04	0.08	-0.08	-4.40e-05	1.86e-04	1.29e-05
681	5	2.35e-04	0.08	-0.08	-4.40e-05	1.86e-04	1.29e-05
682	1	2.20e-04	0.12	-0.17	-1.03e-04	2.10e-04	2.42e-05
682	3	1.71e-04	0.09	-0.13	-7.77e-05	1.58e-04	1.82e-05
682	4	1.89e-04	0.08	-0.11	-6.60e-05	1.35e-04	1.57e-05
682	5	1.89e-04	0.08	-0.11	-6.60e-05	1.35e-04	1.57e-05
683	1	0.02	0.13	-0.17	-1.07e-04	-2.10e-04	2.73e-05
683	3	0.01	0.10	-0.13	-8.00e-05	-1.58e-04	2.05e-05
683	4	0.01	0.08	-0.11	-6.79e-05	-1.35e-04	1.77e-05
683	5	0.01	0.08	-0.11	-6.79e-05	-1.35e-04	1.77e-05
684	1	0.02	0.12	-0.12	-1.86e-04	-2.90e-04	2.43e-05
684	3	0.01	0.09	-0.09	-1.40e-04	-2.18e-04	1.83e-05
684	4	0.01	0.08	-0.08	-1.22e-04	-1.86e-04	1.57e-05
684	5	0.01	0.08	-0.08	-1.22e-04	-1.86e-04	1.57e-05
685	1	-2.15e-03	0.12	-0.12	-6.04e-05	3.65e-04	2.16e-05
685	3	-1.59e-03	0.09	-0.09	-4.56e-05	2.74e-04	1.62e-05
685	4	-1.32e-03	0.08	-0.08	-3.94e-05	2.33e-04	1.40e-05
685	5	-1.32e-03	0.08	-0.08	-3.94e-05	2.33e-04	1.40e-05
686	1	-2.25e-03	0.12	-0.18	-8.43e-05	3.04e-04	2.16e-05

686	3	-1.66e-03	0.09	-0.13	-6.35e-05	2.28e-04	1.62e-05
686	4	-1.38e-03	0.08	-0.11	-5.40e-05	1.94e-04	1.40e-05
686	5	-1.38e-03	0.08	-0.11	-5.40e-05	1.94e-04	1.40e-05
687	1	0.01	0.13	-0.18	-8.64e-05	-3.06e-04	2.42e-05
687	3	0.01	0.10	-0.13	-6.48e-05	-2.30e-04	1.82e-05
687	4	8.83e-03	0.08	-0.11	-5.51e-05	-1.96e-04	1.57e-05
687	5	8.83e-03	0.08	-0.11	-5.51e-05	-1.96e-04	1.57e-05
688	1	0.01	0.12	-0.12	-1.78e-04	-3.70e-04	2.42e-05
688	3	0.01	0.09	-0.09	-1.34e-04	-2.78e-04	1.82e-05
688	4	8.77e-03	0.08	-0.08	-1.17e-04	-2.37e-04	1.57e-05
688	5	8.77e-03	0.08	-0.08	-1.17e-04	-2.37e-04	1.57e-05
689	1	-5.07e-03	0.12	-0.12	-5.72e-05	-3.75e-04	2.17e-05
689	3	-3.78e-03	0.09	-0.09	-4.32e-05	2.82e-04	1.64e-05
689	4	-3.20e-03	0.08	-0.08	-3.74e-05	2.40e-04	1.41e-05
689	5	-3.20e-03	0.08	-0.08	-3.74e-05	2.40e-04	1.41e-05
690	1	-5.17e-03	0.12	-0.18	-7.15e-05	3.10e-04	2.17e-05
690	3	-3.86e-03	0.09	-0.14	-5.38e-05	2.33e-04	1.64e-05
690	4	-3.26e-03	0.08	-0.12	-4.59e-05	1.98e-04	1.41e-05
690	5	-3.26e-03	0.08	-0.12	-4.59e-05	1.98e-04	1.41e-05
691	1	0.01	0.13	-0.18	-7.28e-05	-3.16e-04	2.36e-05
691	3	8.46e-03	0.10	-0.14	-5.46e-05	-2.37e-04	1.77e-05
691	4	7.22e-03	0.08	-0.12	-4.65e-05	-2.02e-04	1.52e-05
691	5	7.22e-03	0.08	-0.12	-4.65e-05	-2.02e-04	1.52e-05
692	1	0.01	0.12	-0.12	-1.75e-04	-3.82e-04	2.36e-05
692	3	8.38e-03	0.09	-0.09	-1.32e-04	-2.87e-04	1.77e-05
692	4	7.15e-03	0.08	-0.08	-1.15e-04	-2.44e-04	1.52e-05
692	5	7.15e-03	0.08	-0.08	-1.15e-04	-2.44e-04	1.52e-05
693	1	-8.35e-03	0.12	-0.12	-5.54e-05	3.09e-04	2.08e-05
693	3	-6.28e-03	0.09	-0.09	-4.18e-05	2.33e-04	1.57e-05
693	4	-5.34e-03	0.08	-0.08	-3.63e-05	1.98e-04	1.35e-05
693	5	-5.34e-03	0.08	-0.08	-3.63e-05	1.98e-04	1.35e-05
694	1	-8.43e-03	0.12	-0.18	-6.25e-05	2.24e-04	2.51e-05
694	3	-6.34e-03	0.09	-0.14	-4.70e-05	1.68e-04	1.89e-05
694	4	-5.39e-03	0.08	-0.12	-4.02e-05	1.43e-04	1.63e-05
694	5	-5.39e-03	0.08	-0.12	-4.02e-05	1.43e-04	1.63e-05
695	1	9.52e-03	0.13	-0.18	-6.30e-05	-2.32e-04	2.57e-05
695	3	7.16e-03	0.10	-0.14	-4.73e-05	-1.74e-04	1.93e-05
695	4	6.11e-03	0.08	-0.12	-4.03e-05	-1.48e-04	1.66e-05
695	5	6.11e-03	0.08	-0.12	-4.03e-05	-1.48e-04	1.66e-05
696	1	9.44e-03	0.12	-0.12	-1.73e-04	-3.17e-04	2.17e-05
696	3	7.10e-03	0.09	-0.09	-1.30e-04	-2.39e-04	1.63e-05
696	4	6.06e-03	0.08	-0.08	-1.14e-04	-2.03e-04	1.40e-05
696	5	6.06e-03	0.08	-0.08	-1.14e-04	-2.03e-04	1.40e-05
697	1	-0.01	0.12	-0.13	-5.53e-05	3.18e-04	2.00e-05
697	3	-8.42e-03	0.09	-0.09	-4.17e-05	2.39e-04	1.51e-05
697	4	-7.17e-03	0.08	-0.08	-3.62e-05	2.04e-04	1.30e-05
697	5	-7.17e-03	0.08	-0.08	-3.62e-05	2.04e-04	1.30e-05
698	1	-0.01	0.12	-0.19	-5.63e-05	2.28e-04	2.48e-05
698	3	-8.48e-03	0.09	-0.14	-4.23e-05	1.72e-04	1.87e-05
698	4	-7.23e-03	0.08	-0.12	-3.61e-05	1.46e-04	1.61e-05
698	5	-7.23e-03	0.08	-0.12	-3.61e-05	1.46e-04	1.61e-05
699	1	7.32e-03	0.13	-0.19	-5.47e-05	-2.39e-04	2.57e-05
699	3	5.52e-03	0.10	-0.14	-4.10e-05	-1.79e-04	1.93e-05
699	4	4.71e-03	0.09	-0.12	-3.49e-05	-1.53e-04	1.67e-05
699	5	4.71e-03	0.09	-0.12	-3.49e-05	-1.53e-04	1.67e-05
700	1	7.24e-03	0.12	-0.12	-1.72e-04	-3.32e-04	2.13e-05
700	3	5.46e-03	0.09	-0.09	-1.30e-04	-2.49e-04	1.60e-05
700	4	4.66e-03	0.08	-0.08	-1.14e-04	-2.13e-04	1.38e-05
700	5	4.66e-03	0.08	-0.08	-1.14e-04	-2.13e-04	1.38e-05
701	1	-0.01	0.12	-0.12	-5.77e-05	3.83e-04	2.17e-05
701	3	-9.21e-03	0.09	-0.09	-4.35e-05	2.88e-04	1.63e-05
701	4	-7.87e-03	0.08	-0.08	-3.78e-05	2.45e-04	1.41e-05
701	5	-7.87e-03	0.08	-0.08	-3.78e-05	2.45e-04	1.41e-05
702	1	-0.01	0.12	-0.18	-5.52e-05	3.17e-04	2.17e-05
702	3	-9.29e-03	0.09	-0.14	-4.16e-05	2.38e-04	1.63e-05
702	4	-7.93e-03	0.08	-0.12	-3.55e-05	2.02e-04	1.41e-05
702	5	-7.93e-03	0.08	-0.12	-3.55e-05	2.02e-04	1.41e-05
703	1	4.58e-03	0.13	-0.18	-5.13e-05	-3.22e-04	2.24e-05
703	3	3.45e-03	0.10	-0.14	-3.84e-05	-2.42e-04	1.68e-05
703	4	2.91e-03	0.09	-0.12	-3.28e-05	-2.06e-04	1.45e-05
703	5	2.91e-03	0.09	-0.12	-3.28e-05	-2.06e-04	1.45e-05
704	1	4.48e-03	0.12	-0.12	-1.73e-04	-3.91e-04	2.24e-05
704	3	3.37e-03	0.09	-0.09	-1.31e-04	-2.94e-04	1.68e-05
704	4	2.84e-03	0.08	-0.08	-1.14e-04	-2.50e-04	1.45e-05
704	5	2.84e-03	0.08	-0.08	-1.14e-04	-2.50e-04	1.45e-05
705	1	-0.01	0.12	-0.13	-6.21e-05	3.81e-04	2.20e-05
705	3	-0.01	0.09	-0.09	-4.68e-05	2.87e-04	1.65e-05

705	4	-8.55e-03	0.08	-0.08	-4.06e-05	2.44e-04	1.43e-05
705	5	-8.55e-03	0.08	-0.08	-4.06e-05	2.44e-04	1.43e-05
706	1	-0.01	0.12	-0.19	-5.87e-05	3.14e-04	2.20e-05
706	3	-0.01	0.09	-0.14	-4.43e-05	2.36e-04	1.65e-05
706	4	-8.62e-03	0.08	-0.12	-3.79e-05	2.01e-04	1.43e-05
706	5	-8.62e-03	0.08	-0.12	-3.79e-05	2.01e-04	1.43e-05
707	1	3.34e-03	0.13	-0.18	-5.47e-05	-3.24e-04	2.28e-05
707	3	2.52e-03	0.10	-0.14	-4.09e-05	-2.44e-04	1.71e-05
707	4	2.11e-03	0.09	-0.12	-3.50e-05	-2.07e-04	1.48e-05
707	5	2.11e-03	0.09	-0.12	-3.50e-05	-2.07e-04	1.48e-05
708	1	3.23e-03	0.12	-0.12	-1.76e-04	-3.90e-04	2.28e-05
708	3	2.44e-03	0.09	-0.09	-1.33e-04	-2.93e-04	1.71e-05
708	4	2.05e-03	0.08	-0.08	-1.16e-04	-2.50e-04	1.48e-05
708	5	2.05e-03	0.08	-0.08	-1.16e-04	-2.50e-04	1.48e-05
709	1	-0.01	0.12	-0.13	-6.50e-05	3.01e-04	2.17e-05
709	3	-0.01	0.09	-0.10	-4.90e-05	2.27e-04	1.63e-05
709	4	-9.30e-03	0.08	-0.09	-4.24e-05	1.93e-04	1.41e-05
709	5	-9.30e-03	0.08	-0.09	-4.24e-05	1.93e-04	1.41e-05
710	1	-0.01	0.12	-0.19	-6.08e-05	2.14e-04	2.53e-05
710	3	-0.01	0.09	-0.14	-4.59e-05	1.61e-04	1.90e-05
710	4	-9.35e-03	0.08	-0.12	-3.92e-05	1.36e-04	1.64e-05
710	5	-9.35e-03	0.08	-0.12	-3.92e-05	1.36e-04	1.64e-05
711	1	3.43e-03	0.13	-0.18	-5.88e-05	-2.47e-04	2.59e-05
711	3	2.58e-03	0.10	-0.14	-4.39e-05	-1.95e-04	1.95e-05
711	4	2.15e-03	0.09	-0.12	-3.77e-05	-1.58e-04	1.68e-05
711	5	2.15e-03	0.09	-0.12	-3.77e-05	-1.58e-04	1.68e-05
712	1	3.36e-03	0.12	-0.12	-1.79e-04	-3.30e-04	2.25e-05
712	3	2.53e-03	0.09	-0.09	-1.35e-04	-2.48e-04	1.69e-05
712	4	2.10e-03	0.08	-0.08	-1.18e-04	-2.12e-04	1.46e-05
712	5	2.10e-03	0.08	-0.08	-1.18e-04	-2.12e-04	1.46e-05
713	1	-0.01	0.12	-0.14	-6.35e-05	2.91e-04	2.34e-05
713	3	-0.01	0.09	-0.11	-4.79e-05	2.19e-04	1.76e-05
713	4	-9.22e-03	0.08	-0.09	-4.14e-05	1.86e-04	1.52e-05
713	5	-9.22e-03	0.08	-0.09	-4.14e-05	1.86e-04	1.52e-05
714	1	-0.01	0.13	-0.20	-5.77e-05	2.02e-04	2.58e-05
714	3	-0.01	0.09	-0.15	-4.36e-05	1.52e-04	1.95e-05
714	4	-9.26e-03	0.08	-0.13	-3.73e-05	1.29e-04	1.68e-05
714	5	-9.26e-03	0.08	-0.13	-3.73e-05	1.29e-04	1.68e-05
715	1	3.74e-03	0.13	-0.19	-5.84e-05	-2.60e-04	2.61e-05
715	3	2.83e-03	0.10	-0.14	-4.36e-05	-1.96e-04	1.97e-05
715	4	2.37e-03	0.09	-0.12	-3.74e-05	-1.67e-04	1.69e-05
715	5	2.37e-03	0.09	-0.12	-3.74e-05	-1.67e-04	1.69e-05
716	1	3.65e-03	0.12	-0.12	-1.82e-04	-3.52e-04	2.38e-05
716	3	2.77e-03	0.09	-0.09	-1.37e-04	-2.65e-04	1.79e-05
716	4	2.31e-03	0.08	-0.08	-1.20e-04	-2.26e-04	1.54e-05
716	5	2.31e-03	0.08	-0.08	-1.20e-04	-2.26e-04	1.54e-05
717	1	-0.01	0.12	-0.16	-5.51e-05	3.30e-04	2.55e-05
717	3	-9.50e-03	0.09	-0.12	-4.16e-05	2.48e-04	1.92e-05
717	4	-8.12e-03	0.08	-0.10	-3.60e-05	2.10e-04	1.65e-05
717	5	-8.12e-03	0.08	-0.10	-3.60e-05	2.10e-04	1.65e-05
718	1	-0.01	0.13	-0.21	-4.97e-05	2.52e-04	2.55e-05
718	3	-9.56e-03	0.10	-0.16	-3.76e-05	1.89e-04	1.92e-05
718	4	-8.17e-03	0.08	-0.14	-3.21e-05	1.60e-04	1.65e-05
718	5	-8.17e-03	0.08	-0.14	-3.21e-05	1.60e-04	1.65e-05
719	1	4.17e-03	0.13	-0.19	-5.83e-05	-3.80e-04	2.51e-05
719	3	3.14e-03	0.10	-0.14	-4.34e-05	-2.86e-04	1.89e-05
719	4	2.63e-03	0.09	-0.12	-3.73e-05	-2.43e-04	1.63e-05
719	5	2.63e-03	0.09	-0.12	-3.73e-05	-2.43e-04	1.63e-05
720	1	4.05e-03	0.12	-0.12	-1.87e-04	-4.45e-04	2.51e-05
720	3	3.05e-03	0.09	-0.09	-1.41e-04	-3.34e-04	1.89e-05
720	4	2.55e-03	0.08	-0.08	-1.23e-04	-2.85e-04	1.63e-05
720	5	2.55e-03	0.08	-0.08	-1.23e-04	-2.85e-04	1.63e-05
721	1	-0.01	0.12	-0.15	-4.52e-05	3.34e-04	2.64e-05
721	3	-0.01	0.09	-0.12	-3.41e-05	2.51e-04	1.99e-05
721	4	-9.43e-03	0.08	-0.10	-2.96e-05	2.13e-04	1.71e-05
721	5	-9.43e-03	0.08	-0.10	-2.96e-05	2.13e-04	1.71e-05
722	1	-0.01	0.13	-0.21	-4.13e-05	2.65e-04	2.64e-05
722	3	-0.01	0.10	-0.15	-3.13e-05	1.99e-04	1.99e-05
722	4	-9.48e-03	0.08	-0.13	-2.69e-05	1.68e-04	1.71e-05
722	5	-9.48e-03	0.08	-0.13	-2.69e-05	1.68e-04	1.71e-05
723	1	2.03e-03	0.13	-0.19	-6.09e-05	-3.79e-04	2.58e-05
723	3	1.53e-03	0.10	-0.14	-4.55e-05	-2.85e-04	1.94e-05
723	4	1.24e-03	0.09	-0.12	-3.93e-05	-2.43e-04	1.67e-05
723	5	1.24e-03	0.09	-0.12	-3.93e-05	-2.43e-04	1.67e-05
724	1	1.91e-03	0.12	-0.12	-1.97e-04	-4.42e-04	2.58e-05
724	3	1.44e-03	0.09	-0.09	-1.48e-04	-3.33e-04	1.94e-05
724	4	1.16e-03	0.08	-0.08	-1.30e-04	-2.83e-04	1.67e-05

724	5	1.16e-03	0.08	-0.08	-1.30e-04	-2.83e-04	1.67e-05
725	1	-0.02	0.12	-0.14	-4.16e-05	3.63e-04	2.71e-05
725	3	-0.02	0.09	-0.10	-3.14e-05	2.73e-04	2.04e-05
725	4	-0.01	0.08	-0.09	-2.73e-05	2.32e-04	1.76e-05
725	5	-0.01	0.08	-0.09	-2.73e-05	2.32e-04	1.76e-05
726	1	-0.02	0.13	-0.20	-3.89e-05	2.95e-04	2.71e-05
726	3	-0.02	0.10	-0.15	-2.95e-05	2.22e-04	2.04e-05
726	4	-0.01	0.08	-0.13	-2.55e-05	1.88e-04	1.76e-05
726	5	-0.01	0.08	-0.13	-2.55e-05	1.88e-04	1.76e-05
727	1	-4.13e-03	0.13	-0.19	-6.46e-05	-3.51e-04	2.61e-05
727	3	-3.11e-03	0.10	-0.14	-4.82e-05	-2.64e-04	1.96e-05
727	4	-2.74e-03	0.09	-0.12	-4.19e-05	-2.24e-04	1.69e-05
727	5	-2.74e-03	0.09	-0.12	-4.19e-05	-2.24e-04	1.69e-05
728	1	-4.24e-03	0.12	-0.12	-2.09e-04	-4.17e-04	2.61e-05
728	3	-3.19e-03	0.09	-0.09	-1.57e-04	-3.14e-04	1.96e-05
728	4	-2.82e-03	0.08	-0.08	-1.38e-04	-2.67e-04	1.69e-05
728	5	-2.82e-03	0.08	-0.08	-1.38e-04	-2.67e-04	1.69e-05
729	1	-0.03	0.12	-0.13	-4.21e-05	2.92e-04	2.81e-05
729	3	-0.02	0.09	-0.10	-3.18e-05	2.20e-04	2.12e-05
729	4	-0.02	0.08	-0.09	-2.77e-05	1.87e-04	1.82e-05
729	5	-0.02	0.08	-0.09	-2.77e-05	1.87e-04	1.82e-05
730	1	-0.03	0.13	-0.19	-3.99e-05	2.12e-04	2.79e-05
730	3	-0.02	0.10	-0.14	-3.04e-05	1.60e-04	2.10e-05
730	4	-0.02	0.08	-0.12	-2.64e-05	1.36e-04	1.81e-05
730	5	-0.02	0.08	-0.12	-2.64e-05	1.36e-04	1.81e-05
731	1	-9.54e-03	0.13	-0.19	-6.72e-05	-2.28e-04	2.61e-05
731	3	-7.20e-03	0.10	-0.14	-5.02e-05	-1.72e-04	1.96e-05
731	4	-6.25e-03	0.09	-0.12	-4.37e-05	-1.46e-04	1.69e-05
731	5	-6.25e-03	0.09	-0.12	-4.37e-05	-1.46e-04	1.69e-05
732	1	-9.61e-03	0.12	-0.13	-2.20e-04	-3.10e-04	2.55e-05
732	3	-7.25e-03	0.09	-0.10	-1.66e-04	-2.33e-04	1.92e-05
732	4	-6.30e-03	0.08	-0.08	-1.45e-04	-1.99e-04	1.66e-05
732	5	-6.30e-03	0.08	-0.08	-1.45e-04	-1.99e-04	1.66e-05
733	1	-0.03	0.12	-0.13	-3.92e-05	2.76e-04	2.94e-05
733	3	-0.02	0.09	-0.10	-2.97e-05	2.08e-04	2.21e-05
733	4	-0.02	0.08	-0.09	-2.60e-05	1.78e-04	1.91e-05
733	5	-0.02	0.08	-0.09	-2.60e-05	1.78e-04	1.91e-05
734	1	-0.03	0.13	-0.19	-3.39e-05	1.97e-04	2.87e-05
734	3	-0.02	0.10	-0.14	-2.59e-05	1.48e-04	2.16e-05
734	4	-0.02	0.08	-0.12	-2.27e-05	1.26e-04	1.86e-05
734	5	-0.02	0.08	-0.12	-2.27e-05	1.26e-04	1.86e-05
735	1	-0.02	0.13	-0.19	-6.28e-05	-1.87e-04	2.54e-05
735	3	-0.01	0.10	-0.14	-4.69e-05	-1.40e-04	1.91e-05
735	4	-0.01	0.09	-0.12	-4.10e-05	-1.20e-04	1.64e-05
735	5	-0.01	0.09	-0.12	-4.10e-05	-1.20e-04	1.64e-05
736	1	-0.02	0.12	-0.14	-2.30e-04	-2.46e-04	2.46e-05
736	3	-0.01	0.09	-0.11	-1.73e-04	-1.96e-04	1.85e-05
736	4	-0.01	0.08	-0.09	-1.52e-04	-1.68e-04	1.60e-05
736	5	-0.01	0.08	-0.09	-1.52e-04	-1.68e-04	1.60e-05
737	1	-0.04	0.12	-0.13	-3.41e-05	2.90e-04	3.05e-05
737	3	-0.03	0.09	-0.10	-2.58e-05	2.18e-04	2.30e-05
737	4	-0.02	0.08	-0.08	-2.27e-05	1.86e-04	1.98e-05
737	5	-0.02	0.08	-0.08	-2.27e-05	1.86e-04	1.98e-05
738	1	-0.04	0.13	-0.17	-2.89e-05	2.51e-04	2.95e-05
738	3	-0.03	0.10	-0.13	-2.21e-05	1.89e-04	2.22e-05
738	4	-0.02	0.08	-0.11	-1.95e-05	1.61e-04	1.91e-05
738	5	-0.02	0.08	-0.11	-1.95e-05	1.61e-04	1.91e-05
739	1	-0.03	0.13	-0.19	-5.83e-05	-1.05e-04	2.46e-05
739	3	-0.02	0.10	-0.14	-4.35e-05	-7.91e-05	1.85e-05
739	4	-0.02	0.09	-0.12	-3.82e-05	-6.70e-05	1.60e-05
739	5	-0.02	0.09	-0.12	-3.82e-05	-6.70e-05	1.60e-05
740	1	-0.03	0.12	-0.17	-2.31e-04	-1.28e-04	2.36e-05
740	3	-0.02	0.09	-0.13	-1.74e-04	-9.63e-05	1.78e-05
740	4	-0.02	0.08	-0.11	-1.52e-04	-8.16e-05	1.54e-05
740	5	-0.02	0.08	-0.11	-1.52e-04	-8.16e-05	1.54e-05
741	1	-0.01	0.15	-0.23	-5.62e-05	-1.90e-04	2.36e-05
741	3	-0.01	0.11	-0.17	-4.18e-05	-1.42e-04	1.77e-05
741	4	-9.37e-03	0.10	-0.14	-3.51e-05	-1.21e-04	1.52e-05
741	5	-9.37e-03	0.10	-0.14	-3.51e-05	-1.21e-04	1.52e-05
742	1	0.02	0.12	-0.08	-2.05e-04	-2.86e-04	2.63e-05
742	3	0.01	0.09	-0.06	-1.54e-04	-2.15e-04	1.98e-05
742	4	0.01	0.08	-0.05	-1.34e-04	-1.84e-04	1.70e-05
742	5	0.01	0.08	-0.05	-1.34e-04	-1.84e-04	1.70e-05
743	1	-0.01	0.15	-0.15	-6.46e-05	-1.98e-04	2.42e-05
743	3	-9.33e-03	0.12	-0.11	-4.80e-05	-1.49e-04	1.82e-05
743	4	-7.84e-03	0.10	-0.09	-4.04e-05	-1.27e-04	1.57e-05
743	5	-7.84e-03	0.10	-0.09	-4.04e-05	-1.27e-04	1.57e-05

744	1	0.02	0.15	-0.22	-1.22e-04	1.90e-04	2.16e-05
744	3	0.02	0.11	-0.17	-9.19e-05	1.43e-04	1.62e-05
744	4	0.02	0.09	-0.14	-7.67e-05	1.21e-04	1.40e-05
744	5	0.02	0.09	-0.14	-7.67e-05	1.21e-04	1.40e-05
745	1	0.02	0.16	-0.21	-2.36e-04	3.18e-05	2.42e-05
745	3	0.01	0.12	-0.16	-1.77e-04	2.39e-05	1.82e-05
745	4	0.01	0.10	-0.14	-1.48e-04	2.05e-05	1.57e-05
745	5	0.01	0.10	-0.14	-1.48e-04	2.05e-05	1.57e-05
746	1	-0.02	0.11	-0.16	1.11e-04	3.51e-05	2.94e-05
746	3	-0.01	0.08	-0.12	8.32e-05	2.65e-05	2.21e-05
746	4	-0.01	0.07	-0.10	6.80e-05	2.28e-05	1.91e-05
746	5	-0.01	0.07	-0.10	6.80e-05	2.28e-05	1.91e-05
747	1	-1.48e-03	0.18	-0.10	-3.55e-04	-1.72e-04	2.63e-05
747	3	-1.07e-03	0.14	-0.07	-2.66e-04	-1.29e-04	1.98e-05
747	4	-8.11e-04	0.12	-0.06	-2.25e-04	-1.10e-04	1.70e-05
747	5	-8.11e-04	0.12	-0.06	-2.25e-04	-1.10e-04	1.70e-05
748	1	0.03	0.18	-0.16	-4.86e-04	1.50e-04	2.29e-05
748	3	0.02	0.14	-0.12	-3.65e-04	1.13e-04	1.72e-05
748	4	0.02	0.12	-0.10	-3.07e-04	9.65e-05	1.49e-05
748	5	0.02	0.12	-0.10	-3.07e-04	9.65e-05	1.49e-05
749	1	9.13e-03	0.16	-0.16	-4.86e-04	-1.53e-04	2.87e-05
749	3	6.91e-03	0.12	-0.12	-3.64e-04	-1.15e-04	2.16e-05
749	4	5.98e-03	0.10	-0.10	-3.07e-04	-9.79e-05	1.86e-05
749	5	5.98e-03	0.10	-0.10	-3.07e-04	-9.79e-05	1.86e-05
750	1	0.02	0.15	-0.19	-3.82e-04	2.50e-05	2.36e-05
750	3	0.01	0.11	-0.14	-2.87e-04	1.88e-05	1.78e-05
750	4	0.01	0.10	-0.12	-2.42e-04	1.62e-05	1.53e-05
750	5	0.01	0.10	-0.12	-2.42e-04	1.62e-05	1.53e-05
751	1	-0.02	0.14	-0.23	-4.28e-06	-2.04e-04	2.28e-05
751	3	-0.01	0.10	-0.17	-2.69e-06	-1.54e-04	1.71e-05
751	4	-0.01	0.09	-0.14	-2.10e-06	-1.30e-04	1.48e-05
751	5	-0.01	0.09	-0.14	-2.10e-06	-1.30e-04	1.48e-05
752	1	-6.06e-03	0.13	-0.24	-9.17e-05	-1.32e-06	2.53e-05
752	3	-4.54e-03	0.10	-0.18	-6.91e-05	6.17e-06	1.90e-05
752	4	-3.93e-03	0.08	-0.15	-5.86e-05	5.21e-06	1.64e-05
752	5	-3.93e-03	0.08	-0.15	-5.86e-05	5.21e-06	1.64e-05
753	1	7.15e-03	0.16	-0.19	-3.82e-04	-2.33e-05	2.80e-05
753	3	5.42e-03	0.12	-0.14	-2.87e-04	-1.75e-05	2.11e-05
753	4	4.70e-03	0.10	-0.12	-2.41e-04	-1.50e-05	1.81e-05
753	5	4.70e-03	0.10	-0.12	-2.41e-04	-1.50e-05	1.81e-05
754	1	0.01	0.14	-0.21	-2.36e-04	3.18e-05	2.42e-05
754	3	0.01	0.11	-0.16	-1.77e-04	2.39e-05	1.82e-05
754	4	8.82e-03	0.09	-0.14	-1.48e-04	2.05e-05	1.57e-05
754	5	8.82e-03	0.09	-0.14	-1.48e-04	2.05e-05	1.57e-05
755	1	-4.89e-03	0.14	-0.23	-1.80e-05	-3.23e-05	2.57e-05
755	3	-3.64e-03	0.11	-0.17	-1.30e-05	-2.42e-05	1.93e-05
755	4	-3.07e-03	0.09	-0.15	-1.11e-05	-2.06e-05	1.66e-05
755	5	-3.07e-03	0.09	-0.15	-1.11e-05	-2.06e-05	1.66e-05
756	1	3.17e-03	0.13	-0.23	-5.69e-06	3.43e-05	2.48e-05
756	3	2.39e-03	0.10	-0.17	-4.27e-06	2.58e-05	1.87e-05
756	4	2.01e-03	0.08	-0.15	-3.18e-06	2.17e-05	1.61e-05
756	5	2.01e-03	0.08	-0.15	-3.18e-06	2.17e-05	1.61e-05
757	1	-0.02	0.11	-0.14	1.70e-04	2.67e-04	3.05e-05
757	3	-0.01	0.08	-0.11	1.27e-04	2.00e-04	2.30e-05
757	4	-0.01	0.07	-0.09	1.04e-04	1.71e-04	1.98e-05
757	5	-0.01	0.07	-0.09	1.04e-04	1.71e-04	1.98e-05
758	1	0.02	0.13	-0.15	-2.80e-05	2.24e-04	2.17e-05
758	3	0.02	0.10	-0.11	-2.11e-05	1.69e-04	1.64e-05
758	4	0.02	0.09	-0.09	-1.76e-05	1.43e-04	1.41e-05
758	5	0.02	0.09	-0.09	-1.76e-05	1.43e-04	1.41e-05
759	1	8.84e-03	0.16	-0.10	-3.55e-04	-1.72e-04	2.63e-05
759	3	6.69e-03	0.12	-0.07	-2.66e-04	-1.29e-04	1.98e-05
759	4	5.80e-03	0.10	-0.06	-2.25e-04	-1.10e-04	1.70e-05
759	5	5.80e-03	0.10	-0.06	-2.25e-04	-1.10e-04	1.70e-05
760	1	7.02e-03	0.16	-0.13	-2.69e-04	-4.19e-05	2.53e-05
760	3	5.32e-03	0.12	-0.09	-2.02e-04	-3.15e-05	1.91e-05
760	4	4.62e-03	0.10	-0.08	-1.70e-04	-2.70e-05	1.64e-05
760	5	4.62e-03	0.10	-0.08	-1.70e-04	-2.70e-05	1.64e-05
761	1	5.76e-03	0.18	-0.19	-3.82e-04	-2.33e-05	2.80e-05
761	3	4.37e-03	0.14	-0.14	-2.87e-04	-1.75e-05	2.11e-05
761	4	3.80e-03	0.12	-0.12	-2.41e-04	-1.50e-05	1.81e-05
761	5	3.80e-03	0.12	-0.12	-2.41e-04	-1.50e-05	1.81e-05
762	1	0.02	0.16	-0.12	-2.68e-04	3.74e-05	1.91e-05
762	3	0.01	0.12	-0.09	-2.02e-04	2.82e-05	1.44e-05
762	4	0.01	0.10	-0.08	-1.70e-04	2.42e-05	1.23e-05
762	5	0.01	0.10	-0.08	-1.70e-04	2.42e-05	1.23e-05
763	1	3.81e-03	0.15	-0.14	-1.51e-04	-4.75e-05	2.43e-05

763	3	2.90e-03	0.12	-0.11	-1.13e-04	-3.58e-05	1.83e-05
763	4	2.56e-03	0.10	-0.09	-9.54e-05	-3.05e-05	1.57e-05
763	5	2.56e-03	0.10	-0.09	-9.54e-05	-3.05e-05	1.57e-05
764	1	3.80e-03	0.15	-0.21	-2.34e-04	-2.96e-05	2.73e-05
764	3	2.89e-03	0.11	-0.16	-1.75e-04	-2.23e-05	2.05e-05
764	4	2.55e-03	0.10	-0.14	-1.47e-04	-1.90e-05	1.77e-05
764	5	2.55e-03	0.10	-0.14	-1.47e-04	-1.90e-05	1.77e-05
765	1	0.01	0.14	-0.22	-1.22e-04	1.90e-04	2.16e-05
765	3	9.56e-03	0.10	-0.17	-9.19e-05	1.43e-04	1.62e-05
765	4	8.18e-03	0.09	-0.14	-7.67e-05	1.21e-04	1.40e-05
765	5	8.18e-03	0.09	-0.14	-7.67e-05	1.21e-04	1.40e-05
766	1	-0.01	0.14	-0.23	2.06e-05	-1.94e-04	2.24e-05
766	3	-9.31e-03	0.10	-0.17	1.60e-05	-1.46e-04	1.68e-05
766	4	-7.94e-03	0.09	-0.15	1.42e-05	-1.24e-04	1.45e-05
766	5	-7.94e-03	0.09	-0.15	1.42e-05	-1.24e-04	1.45e-05
767	1	-2.17e-03	0.13	-0.23	-6.17e-05	1.85e-04	2.20e-05
767	3	-1.62e-03	0.10	-0.17	-4.64e-05	1.39e-04	1.65e-05
767	4	-1.44e-03	0.08	-0.15	-3.93e-05	1.18e-04	1.43e-05
767	5	-1.44e-03	0.08	-0.15	-3.93e-05	1.18e-04	1.43e-05
768	1	-5.61e-04	0.15	-0.22	-1.19e-04	-1.85e-04	2.42e-05
768	3	-3.90e-04	0.11	-0.17	-8.89e-05	-1.39e-04	1.82e-05
768	4	-2.55e-04	0.10	-0.14	-7.42e-05	-1.18e-04	1.57e-05
768	5	-2.55e-04	0.10	-0.14	-7.42e-05	-1.18e-04	1.57e-05
769	1	0.01	0.14	-0.22	-6.15e-05	1.94e-04	2.17e-05
769	3	7.63e-03	0.10	-0.17	-4.62e-05	1.46e-04	1.64e-05
769	4	6.52e-03	0.09	-0.14	-3.88e-05	1.23e-04	1.41e-05
769	5	6.52e-03	0.09	-0.14	-3.88e-05	1.23e-04	1.41e-05
770	1	-7.83e-03	0.14	-0.23	1.45e-05	-3.62e-05	2.57e-05
770	3	-5.87e-03	0.11	-0.17	1.14e-05	-2.72e-05	1.93e-05
770	4	-5.00e-03	0.09	-0.15	1.01e-05	-2.35e-05	1.67e-05
770	5	-5.00e-03	0.09	-0.15	1.01e-05	-2.35e-05	1.67e-05
771	1	1.17e-03	0.13	-0.23	-1.82e-05	1.93e-04	2.17e-05
771	3	8.94e-04	0.10	-0.17	-1.37e-05	1.45e-04	1.63e-05
771	4	7.07e-04	0.08	-0.15	-1.11e-05	1.23e-04	1.41e-05
771	5	7.07e-04	0.08	-0.15	-1.11e-05	1.23e-04	1.41e-05
772	1	-5.51e-04	0.15	-0.15	-6.46e-05	-1.98e-04	2.42e-05
772	3	-3.83e-04	0.11	-0.11	-4.80e-05	-1.49e-04	1.82e-05
772	4	-2.48e-04	0.10	-0.09	-4.04e-05	-1.27e-04	1.57e-05
772	5	-2.48e-04	0.10	-0.09	-4.04e-05	-1.27e-04	1.57e-05
773	1	0.03	0.13	-0.09	7.70e-06	-3.28e-05	1.81e-05
773	3	0.02	0.09	-0.07	6.09e-06	-2.47e-05	1.36e-05
773	4	0.02	0.08	-0.06	4.25e-06	-2.10e-05	1.17e-05
773	5	0.02	0.08	-0.06	4.25e-06	-2.10e-05	1.17e-05
774	1	0.02	0.13	-0.14	3.68e-06	-1.90e-05	2.29e-05
774	3	0.02	0.10	-0.11	3.02e-06	-1.43e-05	1.72e-05
774	4	0.02	0.08	-0.09	2.12e-06	-1.21e-05	1.49e-05
774	5	0.02	0.08	-0.09	2.12e-06	-1.21e-05	1.49e-05
775	1	-0.02	0.15	-0.15	-2.07e-05	-2.03e-04	2.36e-05
775	3	-0.01	0.11	-0.11	-1.52e-05	-1.53e-04	1.77e-05
775	4	-9.93e-03	0.10	-0.10	-1.28e-05	-1.30e-04	1.52e-05
775	5	-9.93e-03	0.10	-0.10	-1.28e-05	-1.30e-04	1.52e-05
776	1	8.03e-03	0.13	-0.15	-1.02e-05	3.25e-05	2.08e-05
776	3	6.08e-03	0.10	-0.11	-7.76e-06	2.46e-05	1.57e-05
776	4	5.19e-03	0.08	-0.10	-6.45e-06	2.11e-05	1.35e-05
776	5	5.19e-03	0.08	-0.10	-6.45e-06	2.11e-05	1.35e-05
777	1	3.21e-03	0.14	-0.14	0.0	3.42e-05	2.87e-05
777	3	2.46e-03	0.10	-0.11	0.0	2.56e-05	2.16e-05
777	4	2.19e-03	0.09	-0.09	0.0	2.18e-05	1.86e-05
777	5	2.19e-03	0.09	-0.09	0.0	2.18e-05	1.86e-05
778	1	-4.49e-04	0.14	-0.09	-9.06e-05	4.79e-05	2.63e-05
778	3	-2.94e-04	0.10	-0.07	-6.97e-05	3.59e-05	1.98e-05
778	4	-1.76e-04	0.09	-0.06	-6.14e-05	3.06e-05	1.70e-05
778	5	-1.76e-04	0.09	-0.06	-6.14e-05	3.06e-05	1.70e-05
779	1	0.02	0.13	-0.11	-9.55e-06	5.26e-05	1.91e-05
779	3	0.02	0.09	-0.09	-6.88e-06	3.95e-05	1.44e-05
779	4	0.02	0.08	-0.07	-6.73e-06	3.36e-05	1.23e-05
779	5	0.02	0.08	-0.07	-6.73e-06	3.36e-05	1.23e-05
780	1	0.02	0.13	-0.17	-2.01e-05	7.12e-05	2.36e-05
780	3	0.01	0.10	-0.13	-1.49e-05	5.35e-05	1.78e-05
780	4	0.01	0.08	-0.11	-1.31e-05	4.56e-05	1.53e-05
780	5	0.01	0.08	-0.11	-1.31e-05	4.56e-05	1.53e-05
781	1	0.02	0.14	-0.22	-6.15e-05	1.94e-04	2.17e-05
781	3	0.02	0.10	-0.17	-4.62e-05	1.46e-04	1.64e-05
781	4	0.01	0.09	-0.14	-3.88e-05	1.23e-04	1.41e-05
781	5	0.01	0.09	-0.14	-3.88e-05	1.23e-04	1.41e-05
782	1	-3.46e-03	0.15	-0.15	-2.07e-05	-2.03e-04	2.36e-05
782	3	-2.57e-03	0.11	-0.11	-1.52e-05	-1.53e-04	1.77e-05

782	4	-2.13e-03	0.10	-0.10	-1.28e-05	-1.30e-04	1.52e-05
782	5	-2.13e-03	0.10	-0.10	-1.28e-05	-1.30e-04	1.52e-05
783	1	2.79e-03	0.14	-0.17	-2.36e-05	-6.76e-05	2.80e-05
783	3	2.14e-03	0.10	-0.13	-1.89e-05	-5.08e-05	2.11e-05
783	4	1.90e-03	0.09	-0.11	-1.60e-05	-4.33e-05	1.81e-05
783	5	1.90e-03	0.09	-0.11	-1.60e-05	-4.33e-05	1.81e-05
784	1	-1.78e-03	0.14	-0.11	-1.08e-04	-4.85e-05	2.53e-05
784	3	-1.31e-03	0.10	-0.09	-8.28e-05	-3.65e-05	1.91e-05
784	4	-1.06e-03	0.09	-0.07	-7.25e-05	-3.10e-05	1.64e-05
784	5	-1.06e-03	0.09	-0.07	-7.25e-05	-3.10e-05	1.64e-05
785	1	0.02	0.13	-0.13	-3.64e-05	5.82e-05	1.99e-05
785	3	0.02	0.09	-0.10	-2.71e-05	4.39e-05	1.50e-05
785	4	0.02	0.08	-0.08	-2.39e-05	3.74e-05	1.29e-05
785	5	0.02	0.08	-0.08	-2.39e-05	3.74e-05	1.29e-05
786	1	0.02	0.13	-0.19	-5.17e-05	7.81e-05	2.42e-05
786	3	0.01	0.10	-0.14	-3.86e-05	5.90e-05	1.82e-05
786	4	0.01	0.08	-0.12	-3.33e-05	5.03e-05	1.57e-05
786	5	0.01	0.08	-0.12	-3.33e-05	5.03e-05	1.57e-05
787	1	-4.94e-03	0.14	-0.15	2.89e-06	-5.26e-05	2.17e-05
787	3	-3.67e-03	0.11	-0.11	2.59e-06	-3.95e-05	1.63e-05
787	4	-3.10e-03	0.09	-0.10	2.06e-06	-3.37e-05	1.40e-05
787	5	-3.10e-03	0.09	-0.10	2.06e-06	-3.37e-05	1.40e-05
788	1	-0.01	0.15	-0.22	-1.19e-04	-1.85e-04	2.42e-05
788	3	-8.75e-03	0.12	-0.17	-8.89e-05	-1.82e-04	1.82e-05
788	4	-7.34e-03	0.10	-0.14	-7.42e-05	-1.18e-04	1.57e-05
788	5	-7.34e-03	0.10	-0.14	-7.42e-05	-1.18e-04	1.57e-05
789	1	-1.16e-03	0.14	-0.19	-5.59e-05	-7.51e-05	2.73e-05
789	3	-8.38e-04	0.10	-0.14	-4.31e-05	-5.62e-05	2.05e-05
789	4	-6.45e-04	0.09	-0.12	-3.66e-05	-4.77e-05	1.77e-05
789	5	-6.45e-04	0.09	-0.12	-3.66e-05	-4.77e-05	1.77e-05
790	1	-6.31e-03	0.14	-0.13	-1.36e-04	-5.36e-05	2.43e-05
790	3	-4.72e-03	0.10	-0.10	-1.04e-04	-4.01e-05	1.83e-05
790	4	-3.98e-03	0.09	-0.08	-9.03e-05	-3.38e-05	1.57e-05
790	5	-3.98e-03	0.09	-0.08	-9.03e-05	-3.38e-05	1.57e-05
791	1	0.02	0.13	-0.13	-5.23e-05	-5.16e-05	2.16e-05
791	3	0.02	0.09	-0.10	-3.90e-05	-3.88e-05	1.62e-05
791	4	0.02	0.08	-0.08	-3.40e-05	-3.27e-05	1.40e-05
791	5	0.02	0.08	-0.08	-3.40e-05	-3.27e-05	1.40e-05
792	1	0.02	0.13	-0.20	-7.03e-05	-4.03e-05	2.16e-05
792	3	0.01	0.10	-0.15	-5.27e-05	-3.03e-05	1.62e-05
792	4	0.01	0.08	-0.13	-4.52e-05	-2.54e-05	1.40e-05
792	5	0.01	0.08	-0.13	-4.52e-05	-2.54e-05	1.40e-05
793	1	9.64e-04	0.16	-0.14	-1.51e-04	-4.75e-05	2.43e-05
793	3	7.57e-04	0.12	-0.11	-1.13e-04	-3.58e-05	1.83e-05
793	4	7.30e-04	0.11	-0.09	-9.54e-05	-3.05e-05	1.57e-05
793	5	7.30e-04	0.11	-0.09	-9.54e-05	-3.05e-05	1.57e-05
794	1	0.03	0.14	-0.15	-6.85e-05	2.20e-04	2.16e-05
794	3	0.02	0.10	-0.11	-5.15e-05	1.66e-04	1.62e-05
794	4	0.02	0.09	-0.09	-4.31e-05	1.41e-04	1.40e-05
794	5	0.02	0.09	-0.09	-4.31e-05	1.41e-04	1.40e-05
795	1	-7.82e-03	0.14	-0.20	-7.46e-05	4.39e-05	2.42e-05
795	3	-5.84e-03	0.10	-0.15	-5.73e-05	3.29e-05	1.82e-05
795	4	-4.91e-03	0.09	-0.13	-4.86e-05	2.80e-05	1.57e-05
795	5	-4.91e-03	0.09	-0.13	-4.86e-05	2.80e-05	1.57e-05
796	1	-0.01	0.14	-0.13	-1.53e-04	5.96e-05	2.42e-05
796	3	-8.96e-03	0.10	-0.10	-1.17e-04	4.47e-05	1.82e-05
796	4	-7.58e-03	0.09	-0.08	-1.01e-04	3.82e-05	1.57e-05
796	5	-7.58e-03	0.09	-0.08	-1.01e-04	3.82e-05	1.57e-05
797	1	0.02	0.12	-0.13	-5.36e-05	-5.50e-05	2.17e-05
797	3	0.02	0.09	-0.10	-4.00e-05	-4.14e-05	1.64e-05
797	4	0.01	0.08	-0.09	-3.48e-05	-3.49e-05	1.41e-05
797	5	0.01	0.08	-0.09	-3.48e-05	-3.49e-05	1.41e-05
798	1	0.02	0.13	-0.20	-7.06e-05	-4.11e-05	2.17e-05
798	3	0.01	0.10	-0.15	-5.29e-05	-3.09e-05	1.64e-05
798	4	0.01	0.08	-0.13	-4.52e-05	-2.59e-05	1.41e-05
798	5	0.01	0.08	-0.13	-4.52e-05	-2.59e-05	1.41e-05
799	1	-7.95e-03	0.14	-0.15	1.69e-05	-5.90e-05	2.13e-05
799	3	-5.96e-03	0.11	-0.11	1.32e-05	-4.43e-05	1.60e-05
799	4	-5.07e-03	0.09	-0.10	1.12e-05	-3.82e-05	1.38e-05
799	5	-5.07e-03	0.09	-0.10	1.12e-05	-3.82e-05	1.38e-05
800	1	2.02e-03	0.17	-0.21	-2.34e-04	-2.96e-05	2.73e-05
800	3	1.55e-03	0.12	-0.16	-1.75e-04	-2.23e-05	2.05e-05
800	4	1.41e-03	0.11	-0.14	-1.47e-04	-1.90e-05	1.77e-05
800	5	1.41e-03	0.11	-0.14	-1.47e-04	-1.90e-05	1.77e-05
801	1	-0.01	0.14	-0.20	-7.51e-05	4.52e-05	2.36e-05
801	3	-8.18e-03	0.10	-0.15	-5.76e-05	3.40e-05	1.77e-05
801	4	-6.91e-03	0.09	-0.13	-4.87e-05	2.89e-05	1.52e-05

801	5	-6.91e-03	0.09	-0.13	-4.87e-05	2.89e-05	1.52e-05
802	1	-0.02	0.14	-0.13	-1.56e-04	6.16e-05	2.36e-05
802	3	-0.01	0.10	-0.10	-1.19e-04	4.63e-05	1.77e-05
802	4	-9.68e-03	0.09	-0.09	-1.03e-04	3.95e-05	1.52e-05
802	5	-9.68e-03	0.09	-0.09	-1.03e-04	3.95e-05	1.52e-05
803	1	0.02	0.12	-0.14	-4.70e-05	6.18e-05	2.08e-05
803	3	0.01	0.09	-0.10	-3.50e-05	4.67e-05	1.57e-05
803	4	0.01	0.08	-0.09	-3.07e-05	3.96e-05	1.35e-05
803	5	0.01	0.08	-0.09	-3.07e-05	3.96e-05	1.35e-05
804	1	0.01	0.13	-0.20	-6.30e-05	8.52e-05	2.51e-05
804	3	8.34e-03	0.10	-0.15	-4.71e-05	6.42e-05	1.89e-05
804	4	7.10e-03	0.08	-0.13	-4.04e-05	5.46e-05	1.63e-05
804	5	7.10e-03	0.08	-0.13	-4.04e-05	5.46e-05	1.63e-05
805	1	4.51e-03	0.17	-0.13	-2.69e-04	-4.19e-05	2.53e-05
805	3	3.43e-03	0.13	-0.09	-2.02e-04	-3.15e-05	1.91e-05
805	4	3.00e-03	0.11	-0.08	-1.70e-04	-2.70e-05	1.64e-05
805	5	3.00e-03	0.11	-0.08	-1.70e-04	-2.70e-05	1.64e-05
806	1	0.02	0.15	-0.14	-1.52e-04	3.09e-05	1.99e-05
806	3	0.01	0.11	-0.11	-1.14e-04	2.32e-05	1.50e-05
806	4	0.01	0.10	-0.09	-9.61e-05	2.01e-05	1.29e-05
806	5	0.01	0.10	-0.09	-9.61e-05	2.01e-05	1.29e-05
807	1	-0.01	0.14	-0.20	-6.83e-05	-8.38e-05	2.57e-05
807	3	-7.54e-03	0.10	-0.15	-5.25e-05	-6.28e-05	1.93e-05
807	4	-6.40e-03	0.09	-0.13	-4.44e-05	-5.33e-05	1.66e-05
807	5	-6.40e-03	0.09	-0.13	-4.44e-05	-5.33e-05	1.66e-05
808	1	-0.02	0.14	-0.14	-1.52e-04	-6.08e-05	2.17e-05
808	3	-0.01	0.10	-0.10	-1.16e-04	-4.55e-05	1.63e-05
808	4	-9.96e-03	0.09	-0.09	-1.01e-04	-3.85e-05	1.40e-05
808	5	-9.96e-03	0.09	-0.09	-1.01e-04	-3.85e-05	1.40e-05
809	1	0.01	0.12	-0.14	-3.49e-05	6.16e-05	2.00e-05
809	3	0.01	0.09	-0.10	-2.59e-05	4.64e-05	1.51e-05
809	4	9.26e-03	0.08	-0.09	-2.31e-05	3.94e-05	1.30e-05
809	5	9.26e-03	0.08	-0.09	-2.31e-05	3.94e-05	1.30e-05
810	1	8.58e-03	0.13	-0.21	-5.27e-05	8.45e-05	2.48e-05
810	3	6.46e-03	0.10	-0.16	-3.94e-05	6.36e-05	1.87e-05
810	4	5.50e-03	0.08	-0.13	-3.41e-05	5.41e-05	1.61e-05
810	5	5.50e-03	0.08	-0.13	-3.41e-05	5.41e-05	1.61e-05
811	1	0.02	0.17	-0.19	-3.82e-04	2.50e-05	2.36e-05
811	3	0.01	0.13	-0.14	-2.87e-04	1.88e-05	1.78e-05
811	4	0.01	0.11	-0.12	-2.42e-04	1.62e-05	1.53e-05
811	5	0.01	0.11	-0.12	-2.42e-04	1.62e-05	1.53e-05
812	1	-0.01	0.14	-0.15	1.71e-05	-2.11e-04	2.24e-05
812	3	-9.40e-03	0.11	-0.11	1.34e-05	-1.58e-04	1.68e-05
812	4	-8.02e-03	0.09	-0.09	1.15e-05	-1.34e-04	1.45e-05
812	5	-8.02e-03	0.09	-0.09	1.15e-05	-1.34e-04	1.45e-05
813	1	-0.01	0.13	-0.21	-6.12e-05	-8.63e-05	2.57e-05
813	3	-9.74e-03	0.10	-0.16	-4.73e-05	-6.48e-05	1.93e-05
813	4	-8.26e-03	0.09	-0.13	-4.03e-05	-5.50e-05	1.67e-05
813	5	-8.26e-03	0.09	-0.13	-4.03e-05	-5.50e-05	1.67e-05
814	1	-0.02	0.14	-0.14	-1.45e-04	-6.11e-05	2.13e-05
814	3	-0.01	0.10	-0.10	-1.11e-04	-4.58e-05	1.60e-05
814	4	-0.01	0.09	-0.09	-9.63e-05	-3.87e-05	1.38e-05
814	5	-0.01	0.09	-0.09	-9.63e-05	-3.87e-05	1.38e-05
815	1	0.01	0.12	-0.13	-1.36e-05	-6.81e-05	2.17e-05
815	3	0.01	0.09	-0.10	-1.00e-05	-5.11e-05	1.63e-05
815	4	9.24e-03	0.08	-0.09	-9.66e-06	-4.34e-05	1.41e-05
815	5	9.24e-03	0.08	-0.09	-9.66e-06	-4.34e-05	1.41e-05
816	1	0.01	0.13	-0.20	-3.00e-05	-5.57e-05	2.17e-05
816	3	7.59e-03	0.10	-0.15	-2.24e-05	-4.18e-05	1.63e-05
816	4	6.40e-03	0.08	-0.13	-1.99e-05	-3.53e-05	1.41e-05
816	5	6.40e-03	0.08	-0.13	-1.99e-05	-3.53e-05	1.41e-05
817	1	-0.02	0.14	-0.15	5.48e-06	-2.19e-04	2.28e-05
817	3	-0.01	0.11	-0.11	4.62e-06	-1.65e-04	1.71e-05
817	4	-0.01	0.09	-0.09	4.03e-06	-1.40e-04	1.48e-05
817	5	-0.01	0.09	-0.09	4.03e-06	-1.40e-04	1.48e-05
818	1	-2.97e-05	0.19	-0.16	-4.86e-04	-1.53e-04	2.87e-05
818	2	-3.38e-05	0.15	-0.13	-3.93e-04	-1.23e-04	2.31e-05
818	3	2.22e-05	0.14	-0.12	-3.64e-04	-1.15e-04	2.16e-05
818	4	1.12e-04	0.12	-0.10	-3.07e-04	-9.79e-05	1.86e-05
818	5	1.12e-04	0.12	-0.10	-3.07e-04	-9.79e-05	1.86e-05
819	1	-0.02	0.13	-0.20	-4.70e-05	2.24e-05	2.24e-05
819	3	-0.01	0.10	-0.15	-3.67e-05	2.21e-05	1.68e-05
819	4	-0.01	0.09	-0.13	-3.15e-05	1.86e-05	1.45e-05
819	5	-0.01	0.09	-0.13	-3.15e-05	1.86e-05	1.45e-05
820	1	-0.02	0.14	-0.13	-1.33e-04	4.66e-05	2.24e-05
820	3	-0.02	0.10	-0.10	-1.01e-04	3.51e-05	1.68e-05
820	4	-0.01	0.09	-0.09	-8.87e-05	2.98e-05	1.45e-05

820	5	-0.01	0.09	-0.09	-8.87e-05	2.98e-05	1.45e-05
821	1	0.01	0.12	-0.14	1.51e-05	-8.36e-05	2.20e-05
821	3	9.64e-03	0.09	-0.10	1.16e-05	-6.27e-05	1.65e-05
821	4	8.16e-03	0.08	-0.09	8.65e-06	-5.34e-05	1.43e-05
821	5	8.16e-03	0.08	-0.09	8.65e-06	-5.34e-05	1.43e-05
822	1	8.40e-03	0.13	-0.21	4.54e-06	-6.88e-05	2.20e-05
822	3	6.32e-03	0.10	-0.15	3.55e-06	-5.16e-05	1.65e-05
822	4	5.32e-03	0.08	-0.13	2.01e-06	-4.38e-05	1.43e-05
822	5	5.32e-03	0.08	-0.13	2.01e-06	-4.38e-05	1.43e-05
823	1	-0.03	0.12	-0.21	1.95e-04	-5.95e-05	2.46e-05
823	3	-0.02	0.09	-0.16	1.46e-04	-4.47e-05	1.85e-05
823	4	-0.02	0.08	-0.14	1.19e-04	-3.77e-05	1.60e-05
823	5	-0.02	0.08	-0.14	1.19e-04	-3.77e-05	1.60e-05
824	1	0.03	0.17	-0.10	-3.54e-04	1.70e-04	1.81e-05
824	3	0.02	0.13	-0.07	-2.66e-04	1.28e-04	1.36e-05
824	4	0.02	0.11	-0.06	-2.24e-04	1.09e-04	1.17e-05
824	5	0.02	0.11	-0.06	-2.24e-04	1.09e-04	1.17e-05
825	1	-0.02	0.13	-0.20	-2.21e-05	1.79e-05	2.28e-05
825	3	-0.02	0.10	-0.15	-1.79e-05	1.35e-05	1.71e-05
825	4	-0.01	0.09	-0.13	-1.56e-05	1.12e-05	1.48e-05
825	5	-0.01	0.09	-0.13	-1.56e-05	1.12e-05	1.48e-05
826	1	-0.02	0.14	-0.13	-1.16e-04	3.44e-05	2.28e-05
826	3	-0.02	0.10	-0.10	-8.91e-05	2.59e-05	1.71e-05
826	4	-0.02	0.09	-0.09	-7.85e-05	2.19e-05	1.48e-05
826	5	-0.02	0.09	-0.09	-7.85e-05	2.19e-05	1.48e-05
827	1	8.90e-03	0.12	-0.15	4.08e-05	2.92e-05	2.17e-05
827	3	6.71e-03	0.09	-0.11	3.09e-05	2.20e-05	1.63e-05
827	4	5.63e-03	0.08	-0.09	2.50e-05	1.87e-05	1.41e-05
827	5	5.63e-03	0.08	-0.09	2.50e-05	1.87e-05	1.41e-05
828	1	3.27e-03	0.13	-0.21	3.40e-05	5.37e-05	2.53e-05
828	3	2.47e-03	0.10	-0.16	2.57e-05	4.05e-05	1.90e-05
828	4	2.01e-03	0.08	-0.14	2.06e-05	3.44e-05	1.64e-05
828	5	2.01e-03	0.08	-0.14	2.06e-05	3.44e-05	1.64e-05
829	1	-0.03	0.12	-0.23	1.12e-04	-1.12e-05	2.54e-05
829	3	-0.02	0.09	-0.17	8.42e-05	-8.43e-06	1.91e-05
829	4	-0.02	0.08	-0.15	6.68e-05	-7.19e-06	1.64e-05
829	5	-0.02	0.08	-0.15	6.68e-05	-7.19e-06	1.64e-05
830	1	-0.02	0.11	-0.20	3.15e-04	2.06e-04	2.95e-05
830	3	-0.02	0.08	-0.15	2.36e-04	1.55e-04	2.22e-05
830	4	-0.01	0.07	-0.13	1.97e-04	1.32e-04	1.91e-05
830	5	-0.01	0.07	-0.13	1.97e-04	1.32e-04	1.91e-05
831	1	-0.02	0.13	-0.21	0.0	-1.14e-04	2.59e-05
831	3	-0.01	0.10	-0.15	-1.70e-06	-8.54e-05	1.95e-05
831	4	-0.01	0.09	-0.13	-2.01e-06	-7.26e-05	1.68e-05
831	5	-0.01	0.09	-0.13	-2.01e-06	-7.26e-05	1.68e-05
832	1	-0.02	0.14	-0.13	-1.01e-04	-9.12e-05	2.25e-05
832	3	-0.02	0.10	-0.10	-7.77e-05	-6.86e-05	1.69e-05
832	4	-0.02	0.09	-0.09	-6.89e-05	-5.82e-05	1.46e-05
832	5	-0.02	0.09	-0.09	-6.89e-05	-5.82e-05	1.46e-05
833	1	7.57e-03	0.12	-0.16	5.16e-05	1.08e-05	2.34e-05
833	3	5.70e-03	0.09	-0.12	3.90e-05	7.95e-06	1.76e-05
833	4	4.78e-03	0.08	-0.10	3.17e-05	6.47e-06	1.52e-05
833	5	4.78e-03	0.08	-0.10	3.17e-05	6.47e-06	1.52e-05
834	1	1.79e-03	0.13	-0.22	4.92e-05	3.39e-05	2.58e-05
834	3	1.35e-03	0.10	-0.17	3.71e-05	2.53e-05	1.95e-05
834	4	1.06e-03	0.08	-0.14	3.00e-05	2.13e-05	1.68e-05
834	5	1.06e-03	0.08	-0.14	3.00e-05	2.13e-05	1.68e-05
835	1	-0.02	0.13	-0.23	2.56e-05	-4.08e-05	2.61e-05
835	3	-0.02	0.10	-0.17	1.94e-05	-3.06e-05	1.96e-05
835	4	-0.02	0.08	-0.15	1.27e-05	-2.61e-05	1.69e-05
835	5	-0.02	0.08	-0.15	1.27e-05	-2.61e-05	1.69e-05
836	1	-0.02	0.11	-0.22	2.25e-04	3.37e-05	2.87e-05
836	3	-0.01	0.08	-0.17	1.68e-04	2.55e-05	2.16e-05
836	4	-0.01	0.07	-0.14	1.40e-04	2.19e-05	1.86e-05
836	5	-0.01	0.07	-0.14	1.40e-04	2.19e-05	1.86e-05
837	1	-0.02	0.13	-0.21	9.19e-06	-1.32e-04	2.61e-05
837	3	-0.01	0.10	-0.16	5.48e-06	-9.93e-05	1.97e-05
837	4	-0.01	0.09	-0.13	3.74e-06	-8.45e-05	1.69e-05
837	5	-0.01	0.09	-0.13	3.74e-06	-8.45e-05	1.69e-05
838	1	-0.03	0.14	-0.13	-8.81e-05	-1.07e-04	2.38e-05
838	3	-0.02	0.10	-0.10	-6.80e-05	-1.79e-05	1.79e-05
838	4	-0.02	0.09	-0.09	-6.09e-05	-6.87e-05	1.54e-05
838	5	-0.02	0.09	-0.09	-6.09e-05	-6.87e-05	1.54e-05
839	1	8.74e-03	0.12	-0.17	3.93e-05	-9.18e-05	2.55e-05
839	3	6.57e-03	0.09	-0.13	2.97e-05	-6.90e-05	1.92e-05
839	4	5.49e-03	0.08	-0.11	2.35e-05	-5.87e-05	1.65e-05
839	5	5.49e-03	0.08	-0.11	2.35e-05	-5.87e-05	1.65e-05



840	1	3.70e-03	0.13	-0.23	5.13e-05	-7.52e-05	2.55e-05
840	3	2.78e-03	0.10	-0.17	3.86e-05	-5.65e-05	1.92e-05
840	4	2.26e-03	0.08	-0.15	3.11e-05	-4.79e-05	1.65e-05
840	5	2.26e-03	0.08	-0.15	3.11e-05	-4.79e-05	1.65e-05
841	1	-0.02	0.13	-0.23	-8.56e-06	-2.44e-04	2.61e-05
841	3	-0.02	0.10	-0.17	-6.17e-06	-1.83e-04	1.96e-05
841	4	-0.02	0.08	-0.15	-7.71e-06	-1.56e-04	1.69e-05
841	5	-0.02	0.08	-0.15	-7.71e-06	-1.56e-04	1.69e-05
842	1	-0.01	0.11	-0.23	1.27e-04	1.98e-05	2.79e-05
842	3	-0.01	0.09	-0.18	9.48e-05	1.53e-05	2.10e-05
842	4	-9.49e-03	0.07	-0.15	7.79e-05	1.30e-05	1.81e-05
842	5	-9.49e-03	0.07	-0.15	7.79e-05	1.30e-05	1.81e-05
843	1	-0.02	0.13	-0.21	1.87e-05	6.98e-06	2.51e-05
843	3	-0.02	0.10	-0.15	1.26e-05	5.22e-06	1.89e-05
843	4	-0.02	0.09	-0.13	9.62e-06	4.14e-06	1.63e-05
843	5	-0.02	0.09	-0.13	9.62e-06	4.14e-06	1.63e-05
844	1	-0.03	0.14	-0.13	-6.96e-05	2.28e-05	2.51e-05
844	3	-0.02	0.10	-0.10	-5.41e-05	1.71e-05	1.89e-05
844	4	-0.02	0.09	-0.08	-4.91e-05	1.43e-05	1.63e-05
844	5	-0.02	0.09	-0.08	-4.91e-05	1.43e-05	1.63e-05
845	1	7.03e-03	0.12	-0.16	2.03e-05	-9.12e-05	2.64e-05
845	3	5.29e-03	0.09	-0.12	1.54e-05	-6.85e-05	1.99e-05
845	4	4.37e-03	0.08	-0.11	1.12e-05	-5.82e-05	1.71e-05
845	5	4.37e-03	0.08	-0.11	1.12e-05	-5.82e-05	1.71e-05
846	1	2.51e-03	0.13	-0.22	4.79e-05	-7.62e-05	2.64e-05
846	3	1.89e-03	0.09	-0.17	3.61e-05	-5.72e-05	1.99e-05
846	4	1.47e-03	0.08	-0.14	2.91e-05	-4.86e-05	1.71e-05
846	5	1.47e-03	0.08	-0.14	2.91e-05	-4.86e-05	1.71e-05
847	1	-0.02	0.13	-0.23	-9.65e-06	-3.00e-04	2.58e-05
847	3	-0.02	0.10	-0.17	-6.80e-06	-2.26e-04	1.94e-05
847	4	-0.02	0.09	-0.15	-6.56e-06	-1.92e-04	1.67e-05
847	5	-0.02	0.09	-0.15	-6.56e-06	-1.92e-04	1.67e-05
848	1	-0.01	0.12	-0.24	8.08e-05	1.53e-04	2.71e-05
848	3	-8.31e-03	0.09	-0.18	6.04e-05	1.15e-04	2.04e-05
848	4	-7.22e-03	0.08	-0.15	4.98e-05	9.68e-05	1.76e-05
848	5	-7.22e-03	0.08	-0.15	4.98e-05	9.68e-05	1.76e-05
849	1	-0.03	0.13	-0.21	3.39e-05	1.72e-05	2.58e-05
849	3	-0.02	0.10	-0.15	2.40e-05	1.30e-05	1.94e-05
849	4	-0.02	0.09	-0.13	1.95e-05	1.07e-05	1.67e-05
849	5	-0.02	0.09	-0.13	1.95e-05	1.07e-05	1.67e-05
850	1	-0.03	0.14	-0.13	-4.15e-05	3.29e-05	2.58e-05
850	3	-0.02	0.10	-0.10	-3.30e-05	2.47e-05	1.94e-05
850	4	-0.02	0.09	-0.08	-3.10e-05	2.08e-05	1.67e-05
850	5	-0.02	0.09	-0.08	-3.10e-05	2.08e-05	1.67e-05
851	1	3.82e-03	0.12	-0.15	2.11e-05	-7.20e-05	2.71e-05
851	3	2.87e-03	0.09	-0.11	1.60e-05	-5.41e-05	2.04e-05
851	4	2.31e-03	0.08	-0.10	1.17e-05	-4.59e-05	1.76e-05
851	5	2.31e-03	0.08	-0.10	1.17e-05	-4.59e-05	1.76e-05
852	1	-6.03e-04	0.13	-0.22	5.05e-05	-5.74e-05	2.71e-05
852	3	-4.63e-04	0.10	-0.16	3.81e-05	-4.31e-05	2.04e-05
852	4	-5.38e-04	0.08	-0.14	3.10e-05	-3.64e-05	1.76e-05
852	5	-5.38e-04	0.08	-0.14	3.10e-05	-3.64e-05	1.76e-05
853	1	-0.02	0.13	-0.23	-4.15e-06	-2.79e-04	2.51e-05
853	3	-0.02	0.10	-0.17	-2.51e-06	-2.10e-04	1.89e-05
853	4	-0.01	0.09	-0.15	-1.69e-06	-1.79e-04	1.63e-05
853	5	-0.01	0.09	-0.15	-1.69e-06	-1.79e-04	1.63e-05
854	1	-9.64e-03	0.12	-0.25	3.70e-05	1.41e-04	2.64e-05
854	3	-7.25e-03	0.09	-0.19	2.76e-05	1.06e-04	1.99e-05
854	4	-6.30e-03	0.08	-0.16	2.32e-05	8.90e-05	1.71e-05
854	5	-6.30e-03	0.08	-0.16	2.32e-05	8.90e-05	1.71e-05
855	1	-0.03	0.13	-0.21	4.69e-05	3.27e-05	2.61e-05
855	3	-0.02	0.10	-0.15	3.38e-05	2.46e-05	1.96e-05
855	4	-0.02	0.09	-0.13	2.82e-05	2.08e-05	1.69e-05
855	5	-0.02	0.09	-0.13	2.82e-05	2.08e-05	1.69e-05
856	1	-0.03	0.14	-0.13	-9.16e-06	4.96e-05	2.61e-05
856	3	-0.03	0.10	-0.10	-8.60e-06	3.73e-05	1.96e-05
856	4	-0.02	0.09	-0.09	-9.99e-06	3.17e-05	1.69e-05
856	5	-0.02	0.09	-0.09	-9.99e-06	3.17e-05	1.69e-05
857	1	-3.33e-03	0.12	-0.14	3.40e-05	5.25e-05	2.81e-05
857	3	-2.52e-03	0.09	-0.11	2.57e-05	3.95e-05	2.12e-05
857	4	-2.26e-03	0.08	-0.09	2.03e-05	3.35e-05	1.82e-05
857	5	-2.26e-03	0.08	-0.09	2.03e-05	3.35e-05	1.82e-05
858	1	-8.43e-03	0.13	-0.21	5.06e-05	7.39e-05	2.79e-05
858	3	-6.36e-03	0.10	-0.16	3.82e-05	5.56e-05	2.10e-05
858	4	-5.56e-03	0.08	-0.13	3.13e-05	4.73e-05	1.81e-05
858	5	-5.56e-03	0.08	-0.13	3.13e-05	4.73e-05	1.81e-05
859	1	-0.02	0.13	-0.23	-1.26e-05	-8.07e-05	2.61e-05

859	3	-0.02	0.10	-0.17	-8.80e-06	-6.05e-05	1.97e-05
859	4	-0.01	0.09	-0.15	-6.85e-06	-5.16e-05	1.69e-05
859	5	-0.01	0.09	-0.15	-6.85e-06	-5.16e-05	1.69e-05
860	1	-9.55e-03	0.12	-0.25	-2.78e-05	1.08e-04	2.55e-05
860	3	-7.18e-03	0.09	-0.19	-2.10e-05	8.09e-05	1.92e-05
860	4	-6.23e-03	0.08	-0.16	-1.74e-05	6.78e-05	1.65e-05
860	5	-6.23e-03	0.08	-0.16	-1.74e-05	6.78e-05	1.65e-05
861	1	-0.03	0.14	-0.21	4.83e-05	-8.85e-05	2.61e-05
861	3	-0.02	0.10	-0.16	3.49e-05	-6.65e-05	1.96e-05
861	4	-0.02	0.09	-0.13	2.94e-05	-5.66e-05	1.69e-05
861	5	-0.02	0.09	-0.13	2.94e-05	-5.66e-05	1.69e-05
862	1	-0.03	0.14	-0.14	2.17e-05	-6.58e-05	2.55e-05
862	3	-0.03	0.10	-0.11	1.47e-05	-4.94e-05	1.92e-05
862	4	-0.02	0.09	-0.09	1.02e-05	-4.20e-05	1.66e-05
862	5	-0.02	0.09	-0.09	1.02e-05	-4.20e-05	1.66e-05
863	1	-9.22e-03	0.12	-0.14	3.50e-05	6.48e-05	2.94e-05
863	3	-6.96e-03	0.09	-0.11	2.65e-05	4.86e-05	2.21e-05
863	4	-6.06e-03	0.08	-0.09	2.13e-05	4.14e-05	1.91e-05
863	5	-6.06e-03	0.08	-0.09	2.13e-05	4.14e-05	1.91e-05
864	1	-0.01	0.13	-0.20	2.97e-05	8.51e-05	2.87e-05
864	3	-0.01	0.10	-0.15	2.26e-05	6.39e-05	2.16e-05
864	4	-9.40e-03	0.08	-0.13	1.81e-05	5.45e-05	1.86e-05
864	5	-9.40e-03	0.08	-0.13	1.81e-05	5.45e-05	1.86e-05
865	1	-0.02	0.14	-0.23	-2.34e-05	-6.44e-05	2.59e-05
865	3	-0.01	0.10	-0.17	-1.70e-05	-4.81e-05	1.95e-05
865	4	-0.01	0.09	-0.15	-1.43e-05	-4.09e-05	1.68e-05
865	5	-0.01	0.09	-0.15	-1.43e-05	-4.09e-05	1.68e-05
866	1	-9.40e-03	0.13	-0.25	-8.07e-05	-7.81e-06	2.58e-05
866	3	-7.07e-03	0.09	-0.18	-6.07e-05	-6.87e-06	1.95e-05
866	4	-6.11e-03	0.08	-0.16	-5.12e-05	-5.23e-06	1.68e-05
866	5	-6.11e-03	0.08	-0.16	-5.12e-05	-5.23e-06	1.68e-05
867	1	-0.03	0.14	-0.21	3.10e-05	-5.49e-05	2.54e-05
867	3	-0.02	0.10	-0.16	2.18e-05	-4.13e-05	1.91e-05
867	4	-0.02	0.09	-0.13	1.85e-05	-3.51e-05	1.64e-05
867	5	-0.02	0.09	-0.13	1.85e-05	-3.51e-05	1.64e-05
868	1	-0.02	0.11	-0.08	-4.61e-05	-4.46e-06	2.55e-05
868	3	-0.02	0.09	-0.06	-3.48e-05	-3.24e-06	1.92e-05
868	4	-0.01	0.07	-0.05	-2.99e-05	-2.10e-06	1.66e-05
868	5	-0.01	0.07	-0.05	-2.99e-05	-2.10e-06	1.66e-05
869	1	-3.46e-03	0.11	-0.11	6.36e-06	1.21e-04	2.55e-05
869	3	-2.62e-03	0.08	-0.08	5.20e-06	9.06e-05	1.92e-05
869	4	-2.32e-03	0.07	-0.07	6.37e-06	7.73e-05	1.66e-05
869	5	-2.32e-03	0.07	-0.07	6.37e-06	7.73e-05	1.66e-05
870	1	0.0	0.0	0.0	1.15e-03	-7.89e-04	2.81e-05
870	3	0.0	0.0	0.0	8.67e-04	-5.95e-04	2.12e-05
870	4	0.0	0.0	0.0	7.48e-04	-5.16e-04	1.82e-05
870	5	0.0	0.0	0.0	7.48e-04	-5.16e-04	1.82e-05
871	1	0.0	0.0	0.0	7.50e-04	-7.94e-04	2.79e-05
871	3	0.0	0.0	0.0	5.65e-04	-5.98e-04	2.10e-05
871	4	0.0	0.0	0.0	4.89e-04	-5.19e-04	1.81e-05
871	5	0.0	0.0	0.0	4.89e-04	-5.19e-04	1.81e-05
872	1	0.0	0.0	0.0	-2.43e-05	3.00e-04	2.61e-05
872	3	0.0	0.0	0.0	-1.83e-05	2.26e-04	1.96e-05
872	4	0.0	0.0	0.0	-1.53e-05	1.97e-04	1.69e-05
872	5	0.0	0.0	0.0	-1.53e-05	1.97e-04	1.69e-05
873	1	0.0	0.0	0.0	2.05e-03	2.98e-04	2.55e-05
873	3	0.0	0.0	0.0	1.54e-03	2.25e-04	1.92e-05
873	4	0.0	0.0	0.0	1.33e-03	1.96e-04	1.66e-05
873	5	0.0	0.0	0.0	1.33e-03	1.96e-04	1.66e-05
874	1	-8.09e-03	0.14	-0.15	2.89e-06	-5.26e-05	2.17e-05
874	3	-6.04e-03	0.11	-0.11	2.59e-06	-3.95e-05	1.63e-05
874	4	-5.12e-03	0.09	-0.10	2.06e-06	-3.37e-05	1.40e-05
874	5	-5.12e-03	0.09	-0.10	2.06e-06	-3.37e-05	1.40e-05
875	1	5.32e-03	0.13	-0.15	-8.61e-06	3.58e-05	2.00e-05
875	3	4.02e-03	0.10	-0.11	-6.57e-06	2.70e-05	1.51e-05
875	4	3.37e-03	0.08	-0.10	-5.39e-06	2.26e-05	1.30e-05
875	5	3.37e-03	0.08	-0.10	-5.39e-06	2.26e-05	1.30e-05
876	1	5.22e-03	0.13	-0.23	-5.69e-06	3.43e-05	2.48e-05
876	3	3.94e-03	0.10	-0.17	-4.27e-06	2.58e-05	1.87e-05
876	4	3.31e-03	0.09	-0.15	-3.18e-06	2.17e-05	1.61e-05
876	5	3.31e-03	0.09	-0.15	-3.18e-06	2.17e-05	1.61e-05
877	1	-0.02	0.14	-0.15	-2.84e-06	-8.50e-05	2.25e-05
877	3	-0.01	0.10	-0.11	-1.63e-06	-6.37e-05	1.69e-05
877	4	-0.01	0.09	-0.09	-1.23e-06	-5.42e-05	1.46e-05
877	5	-0.01	0.09	-0.09	-1.23e-06	-5.42e-05	1.46e-05
878	1	-0.02	0.14	-0.15	-3.18e-06	-1.01e-04	2.38e-05
878	3	-0.02	0.10	-0.11	-1.84e-06	-7.58e-05	1.79e-05



878	4	-0.01	0.09	-0.09	-1.28e-06	-6.47e-05	1.54e-05
878	5	-0.01	0.09	-0.09	-1.28e-06	-6.47e-05	1.54e-05
879	1	-0.01	0.14	-0.23	1.45e-05	-3.62e-05	2.57e-05
879	3	-7.51e-03	0.10	-0.17	1.14e-05	-2.72e-05	1.93e-05
879	4	-6.41e-03	0.09	-0.15	1.01e-05	-2.35e-05	1.67e-05
879	5	-6.41e-03	0.09	-0.15	1.01e-05	-2.35e-05	1.67e-05
880	1	-0.01	0.14	-0.15	1.69e-05	-5.90e-05	2.13e-05
880	3	-8.62e-03	0.11	-0.11	1.32e-05	-4.43e-05	1.60e-05
880	4	-7.36e-03	0.09	-0.10	1.12e-05	-3.82e-05	1.38e-05
880	5	-7.36e-03	0.09	-0.10	1.12e-05	-3.82e-05	1.38e-05
881	1	0.01	0.13	-0.15	-3.41e-05	2.28e-04	2.17e-05
881	3	0.01	0.10	-0.11	-2.57e-05	1.71e-04	1.63e-05
881	4	9.47e-03	0.08	-0.10	-2.17e-05	1.45e-04	1.41e-05
881	5	9.47e-03	0.08	-0.10	-2.17e-05	1.45e-04	1.41e-05
882	1	0.01	0.13	-0.23	-1.82e-05	1.93e-04	2.17e-05
882	3	9.60e-03	0.10	-0.17	-1.37e-05	1.45e-04	1.63e-05
882	4	8.09e-03	0.08	-0.15	-1.11e-05	1.23e-04	1.41e-05
882	5	8.09e-03	0.08	-0.15	-1.11e-05	1.23e-04	1.41e-05
883	1	-0.02	0.13	-0.14	-2.03e-05	-2.92e-04	2.51e-05
883	3	-0.02	0.10	-0.11	-1.47e-05	-2.20e-04	1.89e-05
883	4	-0.01	0.09	-0.09	-1.25e-05	-1.87e-04	1.63e-05
883	5	-0.01	0.09	-0.09	-1.25e-05	-1.87e-04	1.63e-05
884	1	-0.02	0.13	-0.14	-6.60e-05	-3.14e-04	2.58e-05
884	3	-0.02	0.10	-0.11	-4.92e-05	-2.36e-04	1.94e-05
884	4	-0.02	0.09	-0.09	-4.28e-05	-2.01e-04	1.67e-05
884	5	-0.02	0.09	-0.09	-4.28e-05	-2.01e-04	1.67e-05
885	1	-0.02	0.14	-0.23	2.06e-05	-1.94e-04	2.24e-05
885	3	-0.02	0.10	-0.17	1.60e-05	-1.46e-04	1.68e-05
885	4	-0.02	0.09	-0.15	1.42e-05	-1.24e-04	1.45e-05
885	5	-0.02	0.09	-0.15	1.42e-05	-1.24e-04	1.45e-05
886	1	-0.03	0.14	-0.15	1.71e-05	-2.11e-04	2.24e-05
886	3	-0.02	0.11	-0.11	1.34e-05	-1.58e-04	1.68e-05
886	4	-0.02	0.09	-0.09	1.15e-05	-1.34e-04	1.45e-05
886	5	-0.02	0.09	-0.09	1.15e-05	-1.34e-04	1.45e-05
887	1	0.01	0.13	-0.15	-8.16e-05	2.19e-04	2.20e-05
887	3	8.46e-03	0.10	-0.11	-6.14e-05	1.65e-04	1.65e-05
887	4	7.11e-03	0.08	-0.10	-5.23e-05	1.40e-04	1.43e-05
887	5	7.11e-03	0.08	-0.10	-5.23e-05	1.40e-04	1.43e-05
888	1	8.91e-03	0.13	-0.23	-6.17e-05	1.85e-04	2.20e-05
888	3	6.71e-03	0.10	-0.17	-4.64e-05	1.39e-04	1.65e-05
888	4	5.62e-03	0.09	-0.15	-3.93e-05	1.18e-04	1.43e-05
888	5	5.62e-03	0.09	-0.15	-3.93e-05	1.18e-04	1.43e-05
889	1	-0.03	0.13	-0.15	-1.26e-04	-2.61e-04	2.61e-05
889	3	-0.02	0.10	-0.11	-9.42e-05	-1.96e-04	1.96e-05
889	4	-0.02	0.09	-0.09	-8.25e-05	-1.67e-04	1.69e-05
889	5	-0.02	0.09	-0.09	-8.25e-05	-1.67e-04	1.69e-05
890	1	-0.03	0.13	-0.16	-1.82e-04	-6.55e-05	2.55e-05
890	3	-0.02	0.10	-0.12	-1.37e-04	-4.91e-05	1.92e-05
890	4	-0.02	0.09	-0.10	-1.20e-04	-4.20e-05	1.66e-05
890	5	-0.02	0.09	-0.10	-1.20e-04	-4.20e-05	1.66e-05
891	1	-0.03	0.14	-0.23	-4.28e-06	-2.04e-04	2.28e-05
891	3	-0.02	0.10	-0.17	-2.69e-06	-1.54e-04	1.71e-05
891	4	-0.02	0.09	-0.14	-2.10e-06	-1.30e-04	1.48e-05
891	5	-0.02	0.09	-0.14	-2.10e-06	-1.30e-04	1.48e-05
892	1	-0.03	0.14	-0.15	5.48e-06	-2.19e-04	2.28e-05
892	3	-0.02	0.10	-0.11	4.62e-06	-1.65e-04	1.71e-05
892	4	-0.02	0.09	-0.09	4.03e-06	-1.40e-04	1.48e-05
892	5	-0.02	0.09	-0.09	4.03e-06	-1.40e-04	1.48e-05
893	1	-5.31e-03	0.13	-0.16	-1.20e-04	9.08e-06	2.17e-05
893	3	-3.97e-03	0.10	-0.12	-9.07e-05	6.91e-06	1.63e-05
893	4	-3.44e-03	0.09	-0.10	-7.73e-05	6.04e-06	1.41e-05
893	5	-3.44e-03	0.09	-0.10	-7.73e-05	6.04e-06	1.41e-05
894	1	-5.57e-03	0.13	-0.24	-9.17e-05	8.12e-06	2.53e-05
894	3	-4.17e-03	0.10	-0.18	-6.91e-05	6.17e-06	1.90e-05
894	4	-3.62e-03	0.09	-0.15	-5.86e-05	5.21e-06	1.64e-05
894	5	-3.62e-03	0.09	-0.15	-5.86e-05	5.21e-06	1.64e-05
895	1	-0.03	0.13	-0.17	-2.14e-04	-3.46e-05	2.46e-05
895	3	-0.02	0.10	-0.13	-1.61e-04	-2.60e-05	1.85e-05
895	4	-0.02	0.09	-0.11	-1.43e-04	-2.23e-05	1.60e-05
895	5	-0.02	0.09	-0.11	-1.43e-04	-2.23e-05	1.60e-05
896	1	-0.03	0.13	-0.18	-1.92e-04	-7.69e-05	2.36e-05
896	3	-0.02	0.10	-0.14	-1.45e-04	-5.78e-05	1.78e-05
896	4	-0.02	0.08	-0.12	-1.30e-04	-4.88e-05	1.54e-05
896	5	-0.02	0.08	-0.12	-1.30e-04	-4.88e-05	1.54e-05
897	1	-0.02	0.14	-0.23	-2.34e-05	-6.44e-05	2.59e-05
897	3	-0.02	0.10	-0.17	-1.70e-05	-4.81e-05	1.95e-05
897	4	-0.01	0.09	-0.15	-1.43e-05	-4.09e-05	1.68e-05

897	5	-0.01	0.09	-0.15	-1.43e-05	-4.09e-05	1.68e-05
898	1	-0.02	0.14	-0.15	-2.84e-06	-8.50e-05	2.25e-05
898	3	-0.02	0.10	-0.11	-1.63e-06	-6.37e-05	1.69e-05
898	4	-0.01	0.09	-0.09	-1.23e-06	-5.42e-05	1.46e-05
898	5	-0.01	0.09	-0.09	-1.23e-06	-5.42e-05	1.46e-05
899	1	-9.38e-03	0.13	-0.17	-1.17e-04	-1.57e-06	2.34e-05
899	3	-7.06e-03	0.10	-0.13	-8.78e-05	-1.17e-06	1.76e-05
899	4	-6.10e-03	0.08	-0.11	-7.48e-05	-1.05e-06	1.52e-05
899	5	-6.10e-03	0.08	-0.11	-7.48e-05	-1.05e-06	1.52e-05
900	1	-9.87e-03	0.13	-0.25	-8.07e-05	-7.81e-06	2.58e-05
900	3	-7.42e-03	0.10	-0.18	-6.07e-05	-5.87e-06	1.95e-05
900	4	-6.43e-03	0.08	-0.16	-5.12e-05	-5.23e-06	1.68e-05
900	5	-6.43e-03	0.08	-0.16	-5.12e-05	-5.23e-06	1.68e-05
901	1	0.02	0.15	-0.16	-4.86e-04	1.50e-04	2.29e-05
901	3	0.01	0.11	-0.12	-3.65e-04	1.13e-04	1.72e-05
901	4	0.01	0.10	-0.10	-3.07e-04	9.65e-05	1.49e-05
901	5	0.01	0.10	-0.10	-3.07e-04	9.65e-05	1.49e-05
902	1	-3.44e-03	0.14	-0.23	-5.62e-05	-1.90e-04	2.36e-05
902	3	-2.56e-03	0.11	-0.17	-4.18e-05	-1.42e-04	1.77e-05
902	4	-2.12e-03	0.09	-0.14	-3.51e-05	-1.21e-04	1.52e-05
902	5	-2.12e-03	0.09	-0.14	-3.51e-05	-1.21e-04	1.52e-05
903	1	-0.03	0.13	-0.23	-1.26e-05	-8.07e-05	2.61e-05
903	3	-0.02	0.10	-0.17	-8.80e-06	-6.05e-05	1.97e-05
903	4	-0.02	0.09	-0.15	-6.85e-06	-5.16e-05	1.69e-05
903	5	-0.02	0.09	-0.15	-6.85e-06	-5.16e-05	1.69e-05
904	1	-0.03	0.14	-0.15	-3.18e-06	-1.01e-04	2.38e-05
904	3	-0.02	0.10	-0.11	-1.84e-06	-7.58e-05	1.79e-05
904	4	-0.02	0.09	-0.09	-1.28e-06	-6.47e-05	1.54e-05
904	5	-0.02	0.09	-0.09	-1.28e-06	-6.47e-05	1.54e-05
905	1	-1.47e-03	0.12	-0.18	-4.51e-05	1.35e-04	2.55e-05
905	3	-1.11e-03	0.09	-0.14	-3.40e-05	1.01e-04	1.92e-05
905	4	-1.12e-03	0.08	-0.12	-2.87e-05	8.50e-05	1.65e-05
905	5	-1.12e-03	0.08	-0.12	-2.87e-05	8.50e-05	1.65e-05
906	1	-3.09e-03	0.12	-0.25	-2.78e-05	1.08e-04	2.55e-05
906	3	-2.33e-03	0.09	-0.19	-2.10e-05	8.09e-05	1.92e-05
906	4	-2.16e-03	0.08	-0.16	-1.74e-05	6.78e-05	1.65e-05
906	5	-2.16e-03	0.08	-0.16	-1.74e-05	6.78e-05	1.65e-05
907	1	6.10e-03	0.13	-0.23	-2.71e-05	3.47e-05	2.51e-05
907	3	4.62e-03	0.10	-0.17	-2.04e-05	2.62e-05	1.89e-05
907	4	3.94e-03	0.09	-0.15	-1.73e-05	2.23e-05	1.63e-05
907	5	3.94e-03	0.09	-0.15	-1.73e-05	2.23e-05	1.63e-05
908	1	0.01	0.08	-0.07	-9.27e-05	-8.19e-06	3.66e-05
908	3	0.01	0.06	-0.05	-6.98e-05	-5.88e-06	2.76e-05
908	4	9.02e-03	0.05	-0.04	-5.99e-05	-3.35e-06	2.40e-05
908	5	9.02e-03	0.05	-0.04	-5.99e-05	-3.35e-06	2.40e-05
909	1	0.01	0.08	-0.08	-9.28e-05	-1.55e-05	3.70e-05
909	3	8.51e-03	0.06	-0.06	-6.99e-05	-1.13e-05	2.79e-05
909	4	7.34e-03	0.05	-0.05	-5.99e-05	-7.51e-06	2.43e-05
909	5	7.34e-03	0.05	-0.05	-5.99e-05	-7.51e-06	2.43e-05
910	1	9.24e-03	0.08	-0.09	-9.06e-05	-2.40e-06	3.86e-05
910	3	6.96e-03	0.06	-0.07	-6.82e-05	-1.40e-06	2.91e-05
910	4	6.01e-03	0.05	-0.06	-5.84e-05	1.32e-06	2.53e-05
910	5	6.01e-03	0.05	-0.06	-5.84e-05	1.32e-06	2.53e-05
911	1	7.80e-03	0.08	-0.09	-8.41e-05	-9.81e-06	4.06e-05
911	3	5.87e-03	0.06	-0.07	-6.33e-05	-6.99e-06	3.06e-05
911	4	5.05e-03	0.05	-0.06	-5.43e-05	-3.47e-06	2.66e-05
911	5	5.05e-03	0.05	-0.06	-5.43e-05	-3.47e-06	2.66e-05
912	1	6.46e-03	0.08	-0.09	-7.84e-05	-1.43e-05	4.19e-05
912	3	4.86e-03	0.06	-0.07	-5.90e-05	-1.04e-05	3.16e-05
912	4	4.16e-03	0.05	-0.06	-5.08e-05	-6.48e-06	2.74e-05
912	5	4.16e-03	0.05	-0.06	-5.08e-05	-6.48e-06	2.74e-05
913	1	4.64e-03	0.08	-0.09	-7.51e-05	-2.03e-05	4.30e-05
913	3	3.49e-03	0.06	-0.07	-5.66e-05	-1.49e-05	3.24e-05
913	4	3.00e-03	0.05	-0.06	-4.86e-05	-1.04e-05	2.81e-05
913	5	3.00e-03	0.05	-0.06	-4.86e-05	-1.04e-05	2.81e-05
914	1	1.82e-03	0.08	-0.10	-7.20e-05	-2.70e-06	4.43e-05
914	3	1.36e-03	0.06	-0.07	-5.42e-05	-1.64e-06	3.34e-05
914	4	1.16e-03	0.05	-0.06	-4.66e-05	0.0	2.90e-05
914	5	1.16e-03	0.05	-0.06	-4.66e-05	0.0	2.90e-05
915	1	1.19e-03	0.08	-0.09	-6.64e-05	-1.29e-05	4.67e-05
915	3	8.95e-04	0.06	-0.07	-5.00e-05	-9.29e-06	3.52e-05
915	4	7.66e-04	0.05	-0.06	-4.31e-05	-5.29e-06	3.05e-05
915	5	7.66e-04	0.05	-0.06	-4.31e-05	-5.29e-06	3.05e-05
916	1	-4.69e-04	0.08	-0.09	-6.31e-05	-2.18e-05	4.66e-05
916	3	-3.58e-04	0.06	-0.07	-4.75e-05	-1.60e-05	3.52e-05
916	4	-3.30e-04	0.05	-0.06	-4.11e-05	-1.12e-05	3.05e-05
916	5	-3.30e-04	0.05	-0.06	-4.11e-05	-1.12e-05	3.05e-05



917	1	-2.49e-03	0.08	-0.10	-6.25e-05	-4.17e-05	4.61e-05
917	3	-1.87e-03	0.06	-0.07	-4.71e-05	-3.10e-05	3.48e-05
917	4	-1.62e-03	0.05	-0.06	-4.06e-05	-2.42e-05	3.02e-05
917	5	-1.62e-03	0.05	-0.06	-4.06e-05	-2.42e-05	3.02e-05
918	1	-4.75e-03	0.08	-0.11	-6.09e-05	-5.69e-05	4.51e-05
918	3	-3.58e-03	0.06	-0.08	-4.59e-05	-4.24e-05	3.40e-05
918	4	-3.09e-03	0.05	-0.07	-3.96e-05	-3.37e-05	2.96e-05
918	5	-3.09e-03	0.05	-0.07	-3.96e-05	-3.37e-05	2.96e-05
919	1	-7.80e-03	0.08	-0.12	-6.03e-05	-1.51e-04	6.15e-05
919	3	-5.87e-03	0.06	-0.09	-4.55e-05	-1.14e-04	4.63e-05
919	4	-5.05e-03	0.05	-0.08	-3.91e-05	-9.53e-05	4.02e-05
919	5	-5.05e-03	0.05	-0.08	-3.91e-05	-9.53e-05	4.02e-05
920	1	-0.01	0.08	-0.11	-7.28e-05	-1.13e-04	7.71e-05
920	3	-7.98e-03	0.06	-0.08	-5.49e-05	-8.48e-05	5.81e-05
920	4	-6.89e-03	0.05	-0.07	-4.74e-05	-7.05e-05	5.02e-05
920	5	-6.89e-03	0.05	-0.07	-4.74e-05	-7.05e-05	5.02e-05
921	1	-0.01	0.08	-0.10	-4.29e-05	-4.68e-05	7.50e-05
921	3	-8.87e-03	0.06	-0.07	-3.24e-05	-3.48e-05	5.65e-05
921	4	-7.63e-03	0.05	-0.06	-2.82e-05	-2.76e-05	4.87e-05
921	5	-7.63e-03	0.05	-0.06	-2.82e-05	-2.76e-05	4.87e-05
922	1	-0.01	0.08	-0.10	-2.31e-05	-2.30e-05	6.06e-05
922	3	-9.13e-03	0.06	-0.07	-1.75e-05	-1.69e-05	4.56e-05
922	4	-7.86e-03	0.05	-0.06	-1.54e-05	-1.20e-05	3.92e-05
922	5	-7.86e-03	0.05	-0.06	-1.54e-05	-1.20e-05	3.92e-05
923	1	-0.02	0.08	-0.12	-3.26e-06	7.37e-06	3.71e-05
923	3	-0.01	0.06	-0.09	-2.50e-06	5.95e-06	2.80e-05
923	4	-9.88e-03	0.05	-0.08	-2.46e-06	7.64e-06	2.40e-05
923	5	-9.88e-03	0.05	-0.08	-2.46e-06	7.64e-06	2.40e-05
924	1	-0.02	0.08	-0.12	-3.46e-05	3.25e-05	1.60e-05
924	3	-0.01	0.06	-0.09	-2.61e-05	2.46e-05	1.20e-05
924	4	-0.01	0.05	-0.08	-2.25e-05	2.19e-05	1.03e-05
924	5	-0.01	0.05	-0.08	-2.25e-05	2.19e-05	1.03e-05
925	1	0.01	0.08	-0.07	-9.66e-05	7.24e-06	1.87e-05
925	3	9.52e-03	0.06	-0.05	-7.27e-05	5.18e-06	1.41e-05
925	4	8.18e-03	0.05	-0.04	-6.24e-05	2.62e-06	1.18e-05
925	5	8.18e-03	0.05	-0.04	-6.24e-05	2.62e-06	1.18e-05
926	1	9.91e-03	0.08	-0.08	-9.67e-05	7.50e-06	1.86e-05
926	3	7.46e-03	0.06	-0.06	-7.28e-05	5.26e-06	1.39e-05
926	4	6.39e-03	0.05	-0.05	-6.24e-05	2.07e-06	1.16e-05
926	5	6.39e-03	0.05	-0.05	-6.24e-05	2.07e-06	1.16e-05
927	1	7.65e-03	0.08	-0.09	-9.43e-05	1.43e-05	1.78e-05
927	3	5.75e-03	0.06	-0.07	-7.10e-05	1.04e-05	1.34e-05
927	4	4.93e-03	0.05	-0.06	-6.08e-05	6.63e-06	1.12e-05
927	5	4.93e-03	0.05	-0.06	-6.08e-05	6.63e-06	1.12e-05
928	1	6.21e-03	0.08	-0.09	-8.61e-05	1.46e-05	1.66e-05
928	3	4.67e-03	0.06	-0.07	-6.48e-05	1.06e-05	1.24e-05
928	4	3.99e-03	0.05	-0.06	-5.56e-05	6.80e-06	1.03e-05
928	5	3.99e-03	0.05	-0.06	-5.56e-05	6.80e-06	1.03e-05
929	1	4.91e-03	0.08	-0.09	-7.92e-05	1.43e-05	1.67e-05
929	3	3.68e-03	0.06	-0.07	-5.96e-05	1.04e-05	1.25e-05
929	4	3.12e-03	0.05	-0.06	-5.13e-05	6.37e-06	1.05e-05
929	5	3.12e-03	0.05	-0.06	-5.13e-05	6.37e-06	1.05e-05
930	1	3.18e-03	0.08	-0.09	-7.54e-05	1.91e-05	1.70e-05
930	3	2.38e-03	0.06	-0.07	-5.68e-05	1.40e-05	1.28e-05
930	4	2.01e-03	0.05	-0.06	-4.88e-05	9.15e-06	1.07e-05
930	5	2.01e-03	0.05	-0.06	-4.88e-05	9.15e-06	1.07e-05
931	1	7.57e-04	0.08	-0.10	-7.08e-05	5.71e-05	1.67e-05
931	3	5.58e-04	0.06	-0.08	-5.33e-05	4.25e-05	1.25e-05
931	4	4.29e-04	0.05	-0.07	-4.58e-05	3.29e-05	1.05e-05
931	5	4.29e-04	0.05	-0.07	-4.58e-05	3.29e-05	1.05e-05
932	1	-3.60e-04	0.08	-0.09	-6.22e-05	1.98e-05	1.64e-05
932	3	-2.79e-04	0.06	-0.07	-4.69e-05	1.45e-05	1.23e-05
932	4	-2.74e-04	0.05	-0.06	-4.03e-05	9.99e-06	1.03e-05
932	5	-2.74e-04	0.05	-0.06	-4.03e-05	9.99e-06	1.03e-05
933	1	-2.06e-03	0.08	-0.09	-5.69e-05	9.31e-06	1.98e-05
933	3	-1.56e-03	0.06	-0.07	-4.28e-05	6.63e-06	1.49e-05
933	4	-1.39e-03	0.05	-0.06	-3.70e-05	3.17e-06	1.26e-05
933	5	-1.39e-03	0.05	-0.06	-3.70e-05	3.17e-06	1.26e-05
934	1	-4.20e-03	0.08	-0.09	-5.55e-05	-3.65e-06	2.40e-05
934	3	-3.17e-03	0.06	-0.07	-4.18e-05	-3.17e-06	1.80e-05
934	4	-2.77e-03	0.06	-0.06	-3.61e-05	-5.55e-06	1.53e-05
934	5	-2.77e-03	0.06	-0.06	-3.61e-05	-5.55e-06	1.53e-05
935	1	-6.61e-03	0.09	-0.11	-5.25e-05	-3.13e-05	3.11e-05
935	3	-4.98e-03	0.06	-0.08	-3.96e-05	-2.39e-05	2.34e-05
935	4	-4.34e-03	0.06	-0.07	-3.41e-05	-2.30e-05	1.99e-05
935	5	-4.34e-03	0.06	-0.07	-3.41e-05	-2.30e-05	1.99e-05
936	1	-0.01	0.09	-0.11	-4.32e-05	-1.16e-04	3.36e-05

936	3	-7.65e-03	0.06	-0.08	-3.25e-05	-8.79e-05	2.53e-05
936	4	-6.61e-03	0.06	-0.07	-2.80e-05	-7.78e-05	2.15e-05
936	5	-6.61e-03	0.06	-0.07	-2.80e-05	-7.78e-05	2.15e-05
937	1	-0.01	0.09	-0.10	-4.31e-05	-7.79e-05	3.88e-05
937	3	-9.28e-03	0.07	-0.08	-3.25e-05	-5.92e-05	2.92e-05
937	4	-8.04e-03	0.06	-0.07	-2.81e-05	-5.40e-05	2.50e-05
937	5	-8.04e-03	0.06	-0.07	-2.81e-05	-5.40e-05	2.50e-05
938	1	-0.01	0.09	-0.10	-2.23e-05	-1.33e-05	5.05e-05
938	3	-0.01	0.07	-0.07	-1.69e-05	-1.04e-05	3.80e-05
938	4	-8.79e-03	0.06	-0.06	-1.48e-05	-1.17e-05	3.27e-05
938	5	-8.79e-03	0.06	-0.06	-1.48e-05	-1.17e-05	3.27e-05
939	1	-0.01	0.09	-0.10	-8.89e-06	1.56e-05	6.68e-05
939	3	-0.01	0.07	-0.07	-6.76e-06	1.14e-05	5.04e-05
939	4	-8.87e-03	0.06	-0.06	-6.15e-06	7.30e-06	4.34e-05
939	5	-8.87e-03	0.06	-0.06	-6.15e-06	7.30e-06	4.34e-05
940	1	-0.02	0.09	-0.12	6.40e-06	1.45e-05	8.52e-05
940	3	-0.01	0.07	-0.09	4.76e-06	1.06e-05	6.42e-05
940	4	-0.01	0.06	-0.08	3.79e-06	7.16e-06	5.53e-05
940	5	-0.01	0.06	-0.08	3.79e-06	7.16e-06	5.53e-05
941	1	-0.02	0.09	-0.13	-3.04e-05	6.75e-05	1.06e-04
941	3	-0.01	0.07	-0.09	-2.30e-05	5.07e-05	8.02e-05
941	4	-0.01	0.06	-0.08	-1.99e-05	4.30e-05	6.91e-05
941	5	-0.01	0.06	-0.08	-1.99e-05	4.30e-05	6.91e-05
942	1	0.01	0.13	-0.15	-1.04e-04	-7.99e-05	2.29e-05
942	3	9.71e-03	0.10	-0.11	-7.81e-05	-6.01e-05	1.72e-05
942	4	8.37e-03	0.08	-0.09	-6.59e-05	-5.14e-05	1.49e-05
942	5	8.37e-03	0.08	-0.09	-6.59e-05	-5.14e-05	1.49e-05
943	1	-6.13e-03	0.14	-0.21	-1.80e-05	7.79e-05	2.28e-05
943	3	-4.60e-03	0.10	-0.16	-1.47e-05	5.86e-05	1.71e-05
943	4	-3.96e-03	0.09	-0.14	-1.30e-05	4.97e-05	1.48e-05
943	5	-3.96e-03	0.09	-0.14	-1.30e-05	4.97e-05	1.48e-05
944	1	-3.34e-03	0.12	-0.23	1.23e-06	-1.05e-04	2.53e-05
944	3	-2.50e-03	0.09	-0.17	1.03e-06	-1.90e-05	1.90e-05
944	4	-2.21e-03	0.08	-0.15	0.0	-6.71e-05	1.64e-05
944	5	-2.21e-03	0.08	-0.15	0.0	-6.71e-05	1.64e-05
945	1	0.02	0.13	-0.15	-1.11e-04	9.27e-05	2.87e-05
945	3	0.01	0.10	-0.11	-8.43e-05	6.97e-05	2.16e-05
945	4	0.01	0.09	-0.09	-7.10e-05	5.95e-05	1.86e-05
945	5	0.01	0.09	-0.09	-7.10e-05	5.95e-05	1.86e-05
946	1	0.02	0.13	-0.18	-9.08e-05	-5.94e-05	2.36e-05
946	3	0.01	0.10	-0.14	-6.80e-05	-4.46e-05	1.78e-05
946	4	0.01	0.08	-0.12	-5.76e-05	-3.81e-05	1.53e-05
946	5	0.01	0.08	-0.12	-5.76e-05	-3.81e-05	1.53e-05
947	1	-0.03	0.13	-0.21	1.05e-04	6.04e-05	2.46e-05
947	3	-0.02	0.10	-0.16	7.73e-05	4.56e-05	1.85e-05
947	4	-0.02	0.09	-0.13	6.40e-05	3.87e-05	1.60e-05
947	5	-0.02	0.09	-0.13	6.40e-05	3.87e-05	1.60e-05
948	1	0.02	0.15	-0.10	-3.54e-04	1.70e-04	1.81e-05
948	3	0.01	0.11	-0.07	-2.66e-04	1.28e-04	1.36e-05
948	4	0.01	0.09	-0.06	-2.24e-04	1.09e-04	1.17e-05
948	5	0.01	0.09	-0.06	-2.24e-04	1.09e-04	1.17e-05
949	1	6.29e-03	0.14	-0.18	-9.77e-05	6.23e-05	2.80e-05
949	3	4.77e-03	0.10	-0.14	-7.43e-05	4.69e-05	2.11e-05
949	4	4.15e-03	0.09	-0.12	-6.28e-05	4.00e-05	1.81e-05
949	5	4.15e-03	0.09	-0.12	-6.28e-05	4.00e-05	1.81e-05
950	1	0.01	0.13	-0.20	-7.49e-05	-6.78e-05	2.42e-05
950	3	0.01	0.10	-0.15	-5.61e-05	-5.10e-05	1.82e-05
950	4	9.23e-03	0.08	-0.13	-4.76e-05	-4.33e-05	1.57e-05
950	5	9.23e-03	0.08	-0.13	-4.76e-05	-4.33e-05	1.57e-05
951	1	-0.02	0.13	-0.22	-5.47e-06	4.27e-05	2.59e-05
951	3	-0.01	0.10	-0.16	-5.38e-06	3.22e-05	1.95e-05
951	4	-0.01	0.09	-0.14	-5.13e-06	2.75e-05	1.68e-05
951	5	-0.01	0.09	-0.14	-5.13e-06	2.75e-05	1.68e-05
952	1	-5.83e-03	0.12	-0.24	1.51e-05	-1.16e-04	2.58e-05
952	3	-4.38e-03	0.09	-0.18	1.15e-05	-8.76e-05	1.95e-05
952	4	-3.82e-03	0.08	-0.15	8.61e-06	-7.45e-05	1.68e-05
952	5	-3.82e-03	0.08	-0.15	8.61e-06	-7.45e-05	1.68e-05
953	1	2.99e-03	0.14	-0.20	-8.33e-05	6.97e-05	2.73e-05
953	3	2.28e-03	0.10	-0.15	-6.35e-05	5.25e-05	2.05e-05
953	4	2.03e-03	0.09	-0.13	-5.37e-05	4.48e-05	1.77e-05
953	5	2.03e-03	0.09	-0.13	-5.37e-05	4.48e-05	1.77e-05
954	1	4.07e-03	0.13	-0.21	-6.07e-05	-9.56e-05	2.16e-05
954	3	3.09e-03	0.10	-0.16	-4.55e-05	-7.19e-05	1.62e-05
954	4	2.69e-03	0.09	-0.13	-3.88e-05	-6.09e-05	1.40e-05
954	5	2.69e-03	0.09	-0.13	-3.88e-05	-6.09e-05	1.40e-05
955	1	-0.01	0.13	-0.22	4.20e-05	8.58e-05	2.61e-05
955	3	-9.95e-03	0.10	-0.16	3.01e-05	6.45e-05	1.96e-05

955	4	-8.58e-03	0.08	-0.14	2.45e-05	5.48e-05	1.69e-05
955	5	-8.58e-03	0.08	-0.14	2.45e-05	5.48e-05	1.69e-05
956	1	-0.01	0.12	-0.22	8.90e-05	-8.00e-05	2.79e-05
956	3	-9.87e-03	0.09	-0.17	6.71e-05	-6.01e-05	2.10e-05
956	4	-8.55e-03	0.08	-0.14	5.51e-05	-5.12e-05	1.81e-05
956	5	-8.55e-03	0.08	-0.14	5.51e-05	-5.12e-05	1.81e-05
957	1	7.74e-03	0.14	-0.21	-7.00e-05	9.88e-05	2.42e-05
957	3	5.85e-03	0.11	-0.16	-5.35e-05	7.43e-05	1.82e-05
957	4	5.03e-03	0.09	-0.13	-4.54e-05	6.33e-05	1.57e-05
957	5	5.03e-03	0.09	-0.13	-4.54e-05	6.33e-05	1.57e-05
958	1	1.30e-03	0.13	-0.21	-5.03e-05	-9.85e-05	2.17e-05
958	3	1.01e-03	0.10	-0.16	-3.77e-05	-7.40e-05	1.64e-05
958	4	9.03e-04	0.09	-0.14	-3.24e-05	-6.27e-05	1.41e-05
958	5	9.03e-04	0.09	-0.14	-3.24e-05	-6.27e-05	1.41e-05
959	1	-0.02	0.13	-0.22	8.08e-06	3.30e-05	2.61e-05
959	3	-0.01	0.10	-0.17	4.76e-06	2.48e-05	1.97e-05
959	4	-0.01	0.09	-0.14	3.41e-06	2.11e-05	1.69e-05
959	5	-0.01	0.09	-0.14	3.41e-06	2.11e-05	1.69e-05
960	1	-0.01	0.12	-0.24	3.18e-05	-1.37e-04	2.55e-05
960	3	-9.55e-03	0.09	-0.18	2.41e-05	-1.03e-04	1.92e-05
960	4	-8.19e-03	0.08	-0.15	1.92e-05	-8.73e-05	1.65e-05
960	5	-8.19e-03	0.08	-0.15	1.92e-05	-8.73e-05	1.65e-05
961	1	5.08e-03	0.14	-0.21	-6.01e-05	1.02e-04	2.36e-05
961	3	3.85e-03	0.11	-0.16	-4.61e-05	7.64e-05	1.77e-05
961	4	3.31e-03	0.09	-0.14	-3.93e-05	6.50e-05	1.52e-05
961	5	3.31e-03	0.09	-0.14	-3.93e-05	6.50e-05	1.52e-05
962	1	6.78e-03	0.13	-0.22	-3.99e-05	-7.35e-05	2.51e-05
962	3	5.11e-03	0.10	-0.16	-2.99e-05	-5.50e-05	1.89e-05
962	4	4.36e-03	0.08	-0.14	-2.59e-05	-4.68e-05	1.63e-05
962	5	4.36e-03	0.08	-0.14	-2.59e-05	-4.68e-05	1.63e-05
963	1	-0.03	0.13	-0.22	8.34e-05	6.89e-05	2.54e-05
963	3	-0.02	0.10	-0.17	6.10e-05	5.18e-05	1.91e-05
963	4	-0.02	0.09	-0.14	5.04e-05	4.41e-05	1.64e-05
963	5	-0.02	0.09	-0.14	5.04e-05	4.41e-05	1.64e-05
964	1	-0.03	0.12	-0.19	1.36e-04	-7.07e-05	2.95e-05
964	3	-0.02	0.09	-0.14	1.02e-04	-5.31e-05	2.22e-05
964	4	-0.02	0.08	-0.12	8.45e-05	-4.52e-05	1.91e-05
964	5	-0.02	0.08	-0.12	8.45e-05	-4.52e-05	1.91e-05
965	1	-5.72e-03	0.14	-0.22	-5.00e-05	7.43e-05	2.57e-05
965	3	-4.27e-03	0.11	-0.16	-3.86e-05	5.61e-05	1.93e-05
965	4	-3.60e-03	0.09	-0.14	-3.30e-05	4.77e-05	1.66e-05
965	5	-3.60e-03	0.09	-0.14	-3.30e-05	4.77e-05	1.66e-05
966	1	3.95e-03	0.13	-0.22	-2.82e-05	-7.77e-05	2.48e-05
966	3	2.98e-03	0.10	-0.17	-2.12e-05	-5.84e-05	1.87e-05
966	4	2.53e-03	0.08	-0.14	-1.86e-05	-4.99e-05	1.61e-05
966	5	2.53e-03	0.08	-0.14	-1.86e-05	-4.99e-05	1.61e-05
967	1	-8.98e-03	0.13	-0.22	1.91e-05	6.43e-05	2.51e-05
967	3	-6.75e-03	0.10	-0.16	1.30e-05	4.83e-05	1.89e-05
967	4	-5.82e-03	0.09	-0.14	1.03e-05	4.09e-05	1.63e-05
967	5	-5.82e-03	0.09	-0.14	1.03e-05	4.09e-05	1.63e-05
968	1	-0.01	0.12	-0.24	4.91e-05	-1.30e-04	2.64e-05
968	3	-0.01	0.09	-0.18	3.71e-05	-9.78e-05	1.99e-05
968	4	-9.16e-03	0.08	-0.15	3.00e-05	-8.30e-05	1.71e-05
968	5	-9.16e-03	0.08	-0.15	3.00e-05	-8.30e-05	1.71e-05
969	1	-8.44e-03	0.14	-0.22	-3.87e-05	7.50e-05	2.57e-05
969	3	-6.33e-03	0.10	-0.17	-3.01e-05	5.65e-05	1.93e-05
969	4	-5.36e-03	0.09	-0.14	-2.60e-05	4.79e-05	1.67e-05
969	5	-5.36e-03	0.09	-0.14	-2.60e-05	4.79e-05	1.67e-05
970	1	-7.30e-03	0.13	-0.22	-1.83e-05	-1.15e-04	2.17e-05
970	3	-5.47e-03	0.10	-0.16	-1.37e-05	-8.61e-05	1.63e-05
970	4	-4.68e-03	0.08	-0.14	-1.24e-05	-7.32e-05	1.41e-05
970	5	-4.68e-03	0.08	-0.14	-1.24e-05	-7.32e-05	1.41e-05
971	1	-0.03	0.13	-0.22	6.10e-05	6.52e-05	2.61e-05
971	3	-0.02	0.10	-0.17	4.43e-05	4.91e-05	1.96e-05
971	4	-0.02	0.08	-0.14	3.63e-05	4.19e-05	1.69e-05
971	5	-0.02	0.08	-0.14	3.63e-05	4.19e-05	1.69e-05
972	1	-0.02	0.12	-0.22	1.13e-04	-5.94e-05	2.87e-05
972	3	-0.01	0.09	-0.16	8.49e-05	-4.46e-05	2.16e-05
972	4	-0.01	0.08	-0.14	7.01e-05	-3.80e-05	1.86e-05
972	5	-0.01	0.08	-0.14	7.01e-05	-3.80e-05	1.86e-05
973	1	-3.49e-03	0.14	-0.21	-2.85e-05	9.06e-05	2.24e-05
973	3	-2.61e-03	0.10	-0.16	-2.24e-05	6.82e-05	1.68e-05
973	4	-2.26e-03	0.09	-0.14	-1.95e-05	5.79e-05	1.45e-05
973	5	-2.26e-03	0.09	-0.14	-1.95e-05	5.79e-05	1.45e-05
974	1	-9.96e-03	0.13	-0.22	-9.56e-06	-1.26e-04	2.20e-05
974	3	-7.47e-03	0.09	-0.16	-7.09e-06	-9.50e-05	1.65e-05
974	4	-6.40e-03	0.08	-0.14	-6.95e-06	-8.08e-05	1.43e-05

974	5	-6.40e-03	0.08	-0.14	-6.95e-06	-8.08e-05	1.43e-05
975	1	-0.01	0.13	-0.22	2.94e-05	6.90e-05	2.58e-05
975	3	-7.57e-03	0.10	-0.16	2.06e-05	5.18e-05	1.94e-05
975	4	-6.53e-03	0.09	-0.14	1.66e-05	4.39e-05	1.67e-05
975	5	-6.53e-03	0.09	-0.14	1.66e-05	4.39e-05	1.67e-05
976	1	-0.02	0.12	-0.23	6.74e-05	-1.22e-04	2.71e-05
976	3	-0.01	0.09	-0.17	5.08e-05	-9.15e-05	2.04e-05
976	4	-0.01	0.08	-0.15	4.15e-05	-7.78e-05	1.76e-05
976	5	-0.01	0.08	-0.15	4.15e-05	-7.78e-05	1.76e-05
977	1	9.92e-03	0.13	-0.17	-7.57e-05	1.99e-04	6.55e-05
977	3	7.50e-03	0.10	-0.12	-5.71e-05	1.49e-04	4.88e-05
977	4	6.49e-03	0.08	-0.11	-4.92e-05	1.27e-04	4.15e-05
977	5	6.49e-03	0.08	-0.11	-4.92e-05	1.27e-04	4.15e-05
978	1	7.24e-03	0.13	-0.19	-6.68e-05	1.90e-04	6.65e-05
978	3	5.48e-03	0.10	-0.15	-5.04e-05	1.43e-04	4.96e-05
978	4	4.75e-03	0.08	-0.12	-4.36e-05	1.21e-04	4.22e-05
978	5	4.75e-03	0.08	-0.12	-4.36e-05	1.21e-04	4.22e-05
979	1	4.18e-03	0.13	-0.22	-5.11e-05	2.11e-04	6.13e-05
979	3	3.15e-03	0.10	-0.16	-3.86e-05	1.59e-04	4.57e-05
979	4	2.75e-03	0.08	-0.14	-3.35e-05	1.34e-04	3.89e-05
979	5	2.75e-03	0.08	-0.14	-3.35e-05	1.34e-04	3.89e-05
980	1	8.97e-04	0.13	-0.23	-3.59e-05	2.76e-04	5.53e-05
980	3	7.10e-04	0.10	-0.17	-2.73e-05	2.07e-04	4.12e-05
980	4	6.46e-04	0.08	-0.15	-2.39e-05	1.75e-04	3.51e-05
980	5	6.46e-04	0.08	-0.15	-2.39e-05	1.75e-04	3.51e-05
981	1	-1.92e-03	0.13	-0.24	-2.48e-05	2.83e-04	4.96e-05
981	3	-1.42e-03	0.10	-0.18	-1.89e-05	2.13e-04	3.70e-05
981	4	-1.18e-03	0.08	-0.15	-1.68e-05	1.80e-04	3.15e-05
981	5	-1.18e-03	0.08	-0.15	-1.68e-05	1.80e-04	3.15e-05
982	1	-4.16e-03	0.13	-0.23	-2.26e-05	2.34e-04	4.40e-05
982	3	-3.13e-03	0.10	-0.18	-1.73e-05	1.76e-04	3.27e-05
982	4	-2.64e-03	0.08	-0.15	-1.54e-05	1.48e-04	2.79e-05
982	5	-2.64e-03	0.08	-0.15	-1.54e-05	1.48e-04	2.79e-05
983	1	-6.78e-03	0.13	-0.23	-2.70e-05	2.32e-04	3.89e-05
983	3	-5.09e-03	0.10	-0.18	-2.06e-05	1.74e-04	2.89e-05
983	4	-4.33e-03	0.08	-0.15	-1.81e-05	1.47e-04	2.47e-05
983	5	-4.33e-03	0.08	-0.15	-1.81e-05	1.47e-04	2.47e-05
984	1	-8.96e-03	0.13	-0.24	-3.19e-05	2.84e-04	3.43e-05
984	3	-6.73e-03	0.10	-0.18	-2.43e-05	2.13e-04	2.54e-05
984	4	-5.75e-03	0.08	-0.15	-2.12e-05	1.80e-04	2.18e-05
984	5	-5.75e-03	0.08	-0.15	-2.12e-05	1.80e-04	2.18e-05
985	1	-0.01	0.13	-0.24	-3.68e-05	2.75e-04	2.97e-05
985	3	-7.57e-03	0.10	-0.18	-2.80e-05	2.07e-04	2.20e-05
985	4	-6.46e-03	0.08	-0.15	-2.43e-05	1.75e-04	1.90e-05
985	5	-6.46e-03	0.08	-0.15	-2.43e-05	1.75e-04	1.90e-05
986	1	-0.01	0.13	-0.24	-4.46e-05	2.06e-04	2.51e-05
986	3	-7.63e-03	0.10	-0.18	-3.39e-05	1.54e-04	1.86e-05
986	4	-6.54e-03	0.08	-0.15	-2.92e-05	1.30e-04	1.61e-05
986	5	-6.54e-03	0.08	-0.15	-2.92e-05	1.30e-04	1.61e-05
987	1	-9.92e-03	0.13	-0.25	-5.11e-05	1.78e-04	2.03e-05
987	3	-7.45e-03	0.10	-0.19	-3.87e-05	1.34e-04	1.49e-05
987	4	-6.38e-03	0.08	-0.16	-3.32e-05	1.12e-04	1.31e-05
987	5	-6.38e-03	0.08	-0.16	-3.32e-05	1.12e-04	1.31e-05
988	1	-8.81e-03	0.13	-0.26	-5.07e-05	1.82e-04	1.51e-05
988	3	-6.61e-03	0.10	-0.19	-3.84e-05	1.37e-04	1.10e-05
988	4	-5.66e-03	0.08	-0.16	-3.28e-05	1.15e-04	9.78e-06
988	5	-5.66e-03	0.08	-0.16	-3.28e-05	1.15e-04	9.78e-06
989	1	-0.01	0.13	-0.26	-4.45e-05	2.11e-04	1.14e-05
989	3	-8.43e-03	0.10	-0.19	-3.38e-05	1.58e-04	8.28e-06
989	4	-7.22e-03	0.08	-0.16	-2.89e-05	1.33e-04	7.47e-06
989	5	-7.22e-03	0.08	-0.16	-2.89e-05	1.33e-04	7.47e-06
990	1	-0.02	0.13	-0.25	-3.88e-05	2.50e-04	8.98e-06
990	3	-0.01	0.10	-0.19	-2.95e-05	1.88e-04	6.48e-06
990	4	-0.01	0.08	-0.16	-2.55e-05	1.58e-04	5.98e-06
990	5	-0.01	0.08	-0.16	-2.55e-05	1.58e-04	5.98e-06
991	1	-0.02	0.13	-0.24	-3.52e-05	2.17e-04	7.44e-06
991	3	-0.02	0.10	-0.18	-2.68e-05	1.63e-04	5.31e-06
991	4	-0.01	0.08	-0.15	-2.33e-05	1.37e-04	5.01e-06
991	5	-0.01	0.08	-0.15	-2.33e-05	1.37e-04	5.01e-06
992	1	-0.03	0.13	-0.23	-2.87e-05	2.03e-04	7.52e-06
992	3	-0.02	0.10	-0.17	-2.20e-05	1.53e-04	5.37e-06
992	4	-0.02	0.08	-0.15	-1.92e-05	1.29e-04	5.05e-06
992	5	-0.02	0.08	-0.15	-1.92e-05	1.29e-04	5.05e-06
993	1	-0.04	0.13	-0.21	-2.34e-05	2.35e-04	7.59e-06
993	3	-0.03	0.10	-0.16	-1.80e-05	1.77e-04	5.42e-06
993	4	-0.02	0.08	-0.14	-1.58e-05	1.51e-04	5.09e-06
993	5	-0.02	0.08	-0.14	-1.58e-05	1.51e-04	5.09e-06

994	1	0.02	0.13	-0.17	-7.81e-05	-2.00e-04	-4.71e-06
994	3	0.01	0.10	-0.12	-5.91e-05	-1.50e-04	-3.58e-06
994	4	0.01	0.08	-0.11	-5.08e-05	-1.28e-04	-2.26e-06
994	5	0.01	0.08	-0.11	-5.08e-05	-1.28e-04	-2.26e-06
995	1	0.01	0.13	-0.19	-6.92e-05	-1.89e-04	-5.72e-06
995	3	0.01	0.10	-0.15	-5.24e-05	-1.42e-04	-4.34e-06
995	4	9.70e-03	0.08	-0.12	-4.51e-05	-1.20e-04	-2.90e-06
995	5	9.70e-03	0.08	-0.12	-4.51e-05	-1.20e-04	-2.90e-06
996	1	0.01	0.13	-0.22	-5.30e-05	-2.07e-04	0.0
996	3	9.58e-03	0.10	-0.16	-4.02e-05	-1.56e-04	0.0
996	4	8.21e-03	0.08	-0.14	-3.47e-05	-1.31e-04	0.0
996	5	8.21e-03	0.08	-0.14	-3.47e-05	-1.31e-04	0.0
997	1	0.01	0.13	-0.23	-3.77e-05	-2.71e-04	5.76e-06
997	3	7.94e-03	0.10	-0.18	-2.87e-05	-2.04e-04	4.29e-06
997	4	6.78e-03	0.08	-0.15	-2.50e-05	-1.72e-04	4.46e-06
997	5	6.78e-03	0.08	-0.15	-2.50e-05	-1.72e-04	4.46e-06
998	1	7.96e-03	0.13	-0.24	-2.64e-05	-2.79e-04	1.18e-05
998	3	6.01e-03	0.10	-0.18	-2.02e-05	-2.10e-04	8.81e-06
998	4	5.12e-03	0.08	-0.15	-1.78e-05	-1.78e-04	8.30e-06
998	5	5.12e-03	0.08	-0.15	-1.78e-05	-1.78e-04	8.30e-06
999	1	5.26e-03	0.13	-0.23	-2.40e-05	-2.30e-04	1.78e-05
999	3	3.95e-03	0.10	-0.18	-1.84e-05	-1.73e-04	1.33e-05
999	4	3.37e-03	0.08	-0.15	-1.63e-05	-1.46e-04	1.21e-05
999	5	3.37e-03	0.08	-0.15	-1.63e-05	-1.46e-04	1.21e-05
1000	1	2.64e-03	0.13	-0.24	-2.76e-05	-2.26e-04	2.34e-05
1000	3	1.99e-03	0.10	-0.18	-2.10e-05	-1.70e-04	1.75e-05
1000	4	1.68e-03	0.08	-0.15	-1.84e-05	-1.43e-04	1.56e-05
1000	5	1.68e-03	0.08	-0.15	-1.84e-05	-1.43e-04	1.56e-05
1001	1	1.09e-03	0.13	-0.24	-3.13e-05	-2.85e-04	2.75e-05
1001	3	8.32e-04	0.10	-0.18	-2.38e-05	-2.15e-04	2.06e-05
1001	4	6.68e-04	0.08	-0.15	-2.07e-05	-1.81e-04	1.82e-05
1001	5	6.68e-04	0.08	-0.15	-2.07e-05	-1.81e-04	1.82e-05
1002	1	-7.35e-06	0.13	-0.24	-3.53e-05	-2.97e-04	3.13e-05
1002	2	1.37e-05	0.10	-0.19	-2.84e-05	-2.40e-04	2.52e-05
1002	3	3.27e-06	0.10	-0.18	-2.68e-05	-2.23e-04	2.34e-05
1002	4	-3.68e-05	0.08	-0.15	-2.32e-05	-1.89e-04	2.06e-05
1002	5	-3.68e-05	0.08	-0.15	-2.32e-05	-1.89e-04	2.06e-05
1003	1	-7.13e-04	0.13	-0.24	-4.27e-05	-2.62e-04	3.49e-05
1003	3	-5.35e-04	0.10	-0.18	-3.23e-05	-1.97e-04	2.62e-05
1003	4	-5.24e-04	0.08	-0.15	-2.78e-05	-1.66e-04	2.28e-05
1003	5	-5.24e-04	0.08	-0.15	-2.78e-05	-1.66e-04	2.28e-05
1004	1	-6.58e-04	0.13	-0.24	-4.99e-05	-2.78e-04	3.82e-05
1004	3	-4.78e-04	0.10	-0.18	-3.76e-05	-2.09e-04	2.86e-05
1004	4	-4.68e-04	0.08	-0.15	-3.22e-05	-1.77e-04	2.49e-05
1004	5	-4.68e-04	0.08	-0.15	-3.22e-05	-1.77e-04	2.49e-05
1005	1	9.63e-04	0.13	-0.25	-5.24e-05	-3.66e-04	4.10e-05
1005	3	7.34e-04	0.10	-0.19	-3.95e-05	-2.75e-04	3.08e-05
1005	4	5.71e-04	0.08	-0.16	-3.37e-05	-2.33e-04	2.66e-05
1005	5	5.71e-04	0.08	-0.16	-3.37e-05	-2.33e-04	2.66e-05
1006	1	-1.14e-03	0.13	-0.25	-5.03e-05	-3.68e-04	4.30e-05
1006	3	-8.53e-04	0.10	-0.19	-3.79e-05	-2.77e-04	3.22e-05
1006	4	-7.96e-04	0.08	-0.16	-3.25e-05	-2.34e-04	2.78e-05
1006	5	-7.96e-04	0.08	-0.16	-3.25e-05	-2.34e-04	2.78e-05
1007	1	-7.38e-03	0.13	-0.25	-4.74e-05	-3.37e-04	4.44e-05
1007	3	-5.56e-03	0.10	-0.19	-3.58e-05	-2.53e-04	3.33e-05
1007	4	-4.84e-03	0.08	-0.16	-3.08e-05	-2.15e-04	2.87e-05
1007	5	-4.84e-03	0.08	-0.16	-3.08e-05	-2.15e-04	2.87e-05
1008	1	-0.01	0.13	-0.24	-4.49e-05	-2.30e-04	4.54e-05
1008	3	-0.01	0.10	-0.18	-3.38e-05	-1.73e-04	3.40e-05
1008	4	-8.84e-03	0.08	-0.15	-2.92e-05	-1.46e-04	2.93e-05
1008	5	-8.84e-03	0.08	-0.15	-2.92e-05	-1.46e-04	2.93e-05
1009	1	-0.02	0.13	-0.23	-3.80e-05	-1.75e-04	4.53e-05
1009	3	-0.02	0.10	-0.17	-2.87e-05	-1.32e-04	3.40e-05
1009	4	-0.01	0.08	-0.15	-2.48e-05	-1.11e-04	2.93e-05
1009	5	-0.01	0.08	-0.15	-2.48e-05	-1.11e-04	2.93e-05
1010	1	-0.03	0.13	-0.22	-3.26e-05	-1.04e-04	4.53e-05
1010	3	-0.02	0.10	-0.16	-2.46e-05	-7.84e-05	3.39e-05
1010	4	-0.02	0.08	-0.14	-2.14e-05	-6.57e-05	2.93e-05
1010	5	-0.02	0.08	-0.14	-2.14e-05	-6.57e-05	2.93e-05
1011	1	0.02	0.13	-0.17	2.16e-05	4.15e-05	1.78e-05
1011	3	0.01	0.10	-0.13	1.59e-05	3.11e-05	1.34e-05
1011	4	0.01	0.08	-0.11	1.27e-05	2.63e-05	1.18e-05
1011	5	0.01	0.08	-0.11	1.27e-05	2.63e-05	1.18e-05
1012	1	0.01	0.13	-0.20	5.39e-06	5.62e-05	2.26e-05
1012	3	9.57e-03	0.10	-0.15	3.71e-06	4.22e-05	1.70e-05
1012	4	8.24e-03	0.08	-0.13	2.39e-06	3.56e-05	1.49e-05
1012	5	8.24e-03	0.08	-0.13	2.39e-06	3.56e-05	1.49e-05

1013	1	0.01	0.13	-0.22	-2.19e-05	6.24e-05	2.51e-05
1013	3	7.76e-03	0.10	-0.16	-1.68e-05	4.70e-05	1.89e-05
1013	4	6.67e-03	0.08	-0.14	-1.50e-05	3.96e-05	1.64e-05
1013	5	6.67e-03	0.08	-0.14	-1.50e-05	3.96e-05	1.64e-05
1014	1	0.01	0.13	-0.24	-4.99e-05	5.60e-05	2.74e-05
1014	3	7.94e-03	0.10	-0.18	-3.78e-05	4.21e-05	2.05e-05
1014	4	6.78e-03	0.08	-0.15	-3.28e-05	3.55e-05	1.79e-05
1014	5	6.78e-03	0.08	-0.15	-3.28e-05	3.55e-05	1.79e-05
1015	1	7.92e-03	0.13	-0.24	-7.03e-05	5.76e-05	3.00e-05
1015	3	5.98e-03	0.10	-0.18	-5.31e-05	4.33e-05	2.25e-05
1015	4	5.10e-03	0.08	-0.16	-4.56e-05	3.65e-05	1.95e-05
1015	5	5.10e-03	0.08	-0.16	-4.56e-05	3.65e-05	1.95e-05
1016	1	2.37e-03	0.13	-0.24	-6.99e-05	6.87e-05	3.15e-05
1016	3	1.79e-03	0.10	-0.18	-5.28e-05	5.17e-05	2.36e-05
1016	4	1.54e-03	0.08	-0.15	-4.54e-05	4.36e-05	2.05e-05
1016	5	1.54e-03	0.08	-0.15	-4.54e-05	4.36e-05	2.05e-05
1017	1	-2.47e-04	0.13	-0.24	-5.31e-05	6.68e-05	3.17e-05
1017	3	-1.77e-04	0.10	-0.18	-4.03e-05	5.02e-05	2.38e-05
1017	4	-1.36e-04	0.08	-0.15	-3.50e-05	4.23e-05	2.06e-05
1017	5	-1.36e-04	0.08	-0.15	-3.50e-05	4.23e-05	2.06e-05
1018	1	7.62e-04	0.13	-0.25	-3.62e-05	4.82e-05	3.20e-05
1018	3	5.81e-04	0.10	-0.18	-2.76e-05	3.62e-05	2.40e-05
1018	4	4.54e-04	0.08	-0.16	-2.44e-05	3.04e-05	2.08e-05
1018	5	4.54e-04	0.08	-0.16	-2.44e-05	3.04e-05	2.08e-05
1019	1	-9.40e-04	0.13	-0.25	-2.10e-05	3.71e-05	3.22e-05
1019	3	-6.98e-04	0.10	-0.19	-1.62e-05	2.79e-05	2.41e-05
1019	4	-6.38e-04	0.08	-0.16	-1.47e-05	2.32e-05	2.09e-05
1019	5	-6.38e-04	0.08	-0.16	-1.47e-05	2.32e-05	2.09e-05
1020	1	-5.51e-03	0.13	-0.24	1.64e-06	3.76e-05	3.16e-05
1020	3	-4.14e-03	0.10	-0.18	0.0	2.83e-05	2.37e-05
1020	4	-3.60e-03	0.08	-0.16	0.0	2.36e-05	2.05e-05
1020	5	-3.60e-03	0.08	-0.16	0.0	2.36e-05	2.05e-05
1021	1	-6.94e-03	0.13	-0.25	2.43e-05	1.86e-05	3.06e-05
1021	3	-5.21e-03	0.10	-0.19	1.78e-05	1.38e-05	2.29e-05
1021	4	-4.51e-03	0.08	-0.16	1.36e-05	1.12e-05	1.98e-05
1021	5	-4.51e-03	0.08	-0.16	1.36e-05	1.12e-05	1.98e-05
1022	1	-5.44e-03	0.13	-0.26	2.86e-05	-2.00e-06	3.00e-05
1022	3	-4.09e-03	0.10	-0.20	2.11e-05	-1.60e-06	2.25e-05
1022	4	-3.57e-03	0.08	-0.17	1.63e-05	-2.01e-06	1.94e-05
1022	5	-3.57e-03	0.08	-0.17	1.63e-05	-2.01e-06	1.94e-05
1023	1	-6.86e-03	0.13	-0.26	1.80e-05	7.75e-06	3.03e-05
1023	3	-5.16e-03	0.10	-0.20	1.31e-05	5.76e-06	2.26e-05
1023	4	-4.50e-03	0.08	-0.17	9.66e-06	4.25e-06	1.95e-05
1023	5	-4.50e-03	0.08	-0.17	9.66e-06	4.25e-06	1.95e-05
1024	1	-0.01	0.13	-0.26	6.37e-06	3.20e-05	3.00e-05
1024	3	-7.57e-03	0.10	-0.19	4.40e-06	2.40e-05	2.24e-05
1024	4	-6.58e-03	0.08	-0.16	2.62e-06	2.00e-05	1.93e-05
1024	5	-6.58e-03	0.08	-0.16	2.62e-06	2.00e-05	1.93e-05
1025	1	-0.02	0.13	-0.24	-1.55e-06	5.85e-05	2.84e-05
1025	3	-0.01	0.10	-0.18	-1.50e-06	4.39e-05	2.12e-05
1025	4	-0.01	0.08	-0.16	-2.12e-06	3.69e-05	1.83e-05
1025	5	-0.01	0.08	-0.16	-2.12e-06	3.69e-05	1.83e-05
1026	1	-0.02	0.13	-0.23	-1.30e-05	6.71e-05	2.74e-05
1026	3	-0.02	0.10	-0.17	-1.00e-05	5.04e-05	2.04e-05
1026	4	-0.01	0.08	-0.15	-9.22e-06	4.26e-05	1.75e-05
1026	5	-0.01	0.08	-0.15	-9.22e-06	4.26e-05	1.75e-05
1027	1	-0.01	0.13	-0.27	-7.36e-05	2.96e-05	3.98e-05
1027	3	-8.46e-03	0.10	-0.20	-5.52e-05	2.22e-05	3.02e-05
1027	4	-7.34e-03	0.09	-0.17	-4.63e-05	1.79e-05	2.60e-05
1027	5	-7.34e-03	0.09	-0.17	-4.63e-05	1.79e-05	2.60e-05
1028	1	9.94e-03	0.13	-0.17	1.84e-05	-3.41e-05	4.53e-05
1028	3	7.52e-03	0.10	-0.13	1.30e-05	-2.56e-05	3.40e-05
1028	4	6.50e-03	0.09	-0.11	1.03e-05	-2.16e-05	2.91e-05
1028	5	6.50e-03	0.09	-0.11	1.03e-05	-2.16e-05	2.91e-05
1029	1	9.81e-03	0.13	-0.20	2.12e-06	-5.39e-05	4.05e-05
1029	3	7.41e-03	0.10	-0.15	0.0	-4.05e-05	3.04e-05
1029	4	6.39e-03	0.09	-0.13	0.0	-3.42e-05	2.60e-05
1029	5	6.39e-03	0.09	-0.13	0.0	-3.42e-05	2.60e-05
1030	1	6.82e-03	0.13	-0.22	-2.55e-05	-5.90e-05	3.75e-05
1030	3	5.15e-03	0.10	-0.17	-2.00e-05	-4.42e-05	2.81e-05
1030	4	4.45e-03	0.09	-0.14	-1.76e-05	-3.71e-05	2.41e-05
1030	5	4.45e-03	0.09	-0.14	-1.76e-05	-3.71e-05	2.41e-05
1031	1	1.12e-03	0.13	-0.24	-5.38e-05	-5.24e-05	3.52e-05
1031	3	8.75e-04	0.10	-0.18	-4.13e-05	-3.94e-05	2.64e-05
1031	4	7.88e-04	0.09	-0.15	-3.55e-05	-3.30e-05	2.27e-05
1031	5	7.88e-04	0.09	-0.15	-3.55e-05	-3.30e-05	2.27e-05
1032	1	-1.73e-03	0.13	-0.24	-7.45e-05	-5.41e-05	3.26e-05

1032	3	-1.28e-03	0.10	-0.18	-5.68e-05	-4.06e-05	2.45e-05
1032	4	-1.06e-03	0.09	-0.16	-4.86e-05	-3.41e-05	2.10e-05
1032	5	-1.06e-03	0.09	-0.16	-4.86e-05	-3.41e-05	2.10e-05
1033	1	-1.32e-03	0.13	-0.24	-7.48e-05	-6.68e-05	3.12e-05
1033	3	-9.87e-04	0.10	-0.18	-5.71e-05	-5.01e-05	2.34e-05
1033	4	-8.24e-04	0.09	-0.15	-4.88e-05	-4.21e-05	2.02e-05
1033	5	-8.24e-04	0.09	-0.15	-4.88e-05	-4.21e-05	2.02e-05
1034	1	-4.15e-03	0.13	-0.24	-5.99e-05	-6.58e-05	3.11e-05
1034	3	-3.11e-03	0.10	-0.18	-4.59e-05	-4.93e-05	2.33e-05
1034	4	-2.63e-03	0.09	-0.15	-3.96e-05	-4.14e-05	2.00e-05
1034	5	-2.63e-03	0.09	-0.15	-3.96e-05	-4.14e-05	2.00e-05
1035	1	-9.05e-03	0.13	-0.25	-4.60e-05	-6.43e-05	3.09e-05
1035	3	-6.79e-03	0.10	-0.18	-3.55e-05	-4.83e-05	2.31e-05
1035	4	-5.81e-03	0.09	-0.16	-3.10e-05	-4.06e-05	2.00e-05
1035	5	-5.81e-03	0.09	-0.16	-3.10e-05	-4.06e-05	2.00e-05
1036	1	-0.01	0.13	-0.25	-3.37e-05	-7.63e-05	3.15e-05
1036	3	-8.07e-03	0.10	-0.18	-2.62e-05	-5.73e-05	2.36e-05
1036	4	-6.90e-03	0.09	-0.16	-2.32e-05	-4.84e-05	2.03e-05
1036	5	-6.90e-03	0.09	-0.16	-2.32e-05	-4.84e-05	2.03e-05
1037	1	-9.34e-03	0.13	-0.24	-1.31e-05	-9.82e-05	3.30e-05
1037	3	-7.01e-03	0.10	-0.18	-1.08e-05	-7.38e-05	2.47e-05
1037	4	-6.04e-03	0.09	-0.15	-1.03e-05	-6.24e-05	2.13e-05
1037	5	-6.04e-03	0.09	-0.15	-1.03e-05	-6.24e-05	2.13e-05
1038	1	-0.01	0.13	-0.24	9.61e-06	-1.12e-04	3.46e-05
1038	3	-8.12e-03	0.10	-0.18	6.23e-06	-8.45e-05	2.59e-05
1038	4	-6.99e-03	0.09	-0.16	3.88e-06	-7.15e-05	2.24e-05
1038	5	-6.99e-03	0.09	-0.16	3.88e-06	-7.15e-05	2.24e-05
1039	1	-0.02	0.13	-0.25	1.91e-05	-1.09e-04	3.52e-05
1039	3	-0.01	0.10	-0.19	1.33e-05	-8.21e-05	2.63e-05
1039	4	-9.72e-03	0.09	-0.16	9.78e-06	-6.96e-05	2.28e-05
1039	5	-9.72e-03	0.09	-0.16	9.78e-06	-6.96e-05	2.28e-05
1040	1	-0.02	0.13	-0.25	1.64e-05	-1.02e-04	3.49e-05
1040	3	-0.01	0.10	-0.19	1.13e-05	-7.67e-05	2.61e-05
1040	4	-0.01	0.09	-0.16	8.30e-06	-6.50e-05	2.26e-05
1040	5	-0.01	0.09	-0.16	8.30e-06	-6.50e-05	2.26e-05
1041	1	-0.02	0.13	-0.25	1.02e-05	-8.14e-05	3.51e-05
1041	3	-0.02	0.10	-0.19	6.74e-06	-6.11e-05	2.62e-05
1041	4	-0.01	0.09	-0.16	4.77e-06	-5.17e-05	2.28e-05
1041	5	-0.01	0.09	-0.16	4.77e-06	-5.17e-05	2.28e-05
1042	1	-0.02	0.13	-0.24	4.34e-06	-7.56e-05	3.67e-05
1042	3	-0.02	0.10	-0.18	2.37e-06	-5.67e-05	2.74e-05
1042	4	-0.01	0.09	-0.15	1.37e-06	-4.79e-05	2.39e-05
1042	5	-0.01	0.09	-0.15	1.37e-06	-4.79e-05	2.39e-05
1043	1	-0.02	0.13	-0.23	-7.30e-06	-4.18e-05	3.76e-05
1043	3	-0.02	0.10	-0.18	-6.34e-06	-3.14e-05	2.81e-05
1043	4	-0.02	0.09	-0.15	-5.88e-06	-2.63e-05	2.45e-05
1043	5	-0.02	0.09	-0.15	-5.88e-06	-2.63e-05	2.45e-05
1044	1	-0.02	0.14	-0.26	-4.87e-05	-1.30e-04	2.41e-05
1044	3	-0.02	0.10	-0.20	-3.62e-05	-9.74e-05	1.86e-05
1044	4	-0.02	0.09	-0.17	-3.01e-05	-8.24e-05	1.59e-05
1044	5	-0.02	0.09	-0.17	-3.01e-05	-8.24e-05	1.59e-05
1045	1	0.01	0.13	-0.17	-1.66e-04	2.17e-05	4.15e-05
1045	3	9.55e-03	0.10	-0.13	-1.25e-04	1.63e-05	3.16e-05
1045	4	8.23e-03	0.08	-0.11	-1.05e-04	1.36e-05	2.71e-05
1045	5	8.23e-03	0.08	-0.11	-1.05e-04	1.36e-05	2.71e-05
1046	1	0.01	0.13	-0.20	-1.45e-04	2.75e-05	4.02e-05
1046	3	9.10e-03	0.10	-0.15	-1.09e-04	2.06e-05	3.06e-05
1046	4	7.83e-03	0.09	-0.13	-9.19e-05	1.72e-05	2.63e-05
1046	5	7.83e-03	0.09	-0.13	-9.19e-05	1.72e-05	2.63e-05
1047	1	9.44e-03	0.13	-0.23	-1.23e-04	3.05e-05	3.67e-05
1047	3	7.13e-03	0.10	-0.17	-9.27e-05	2.29e-05	2.79e-05
1047	4	6.14e-03	0.09	-0.14	-7.81e-05	1.92e-05	2.40e-05
1047	5	6.14e-03	0.09	-0.14	-7.81e-05	1.92e-05	2.40e-05
1048	1	3.78e-03	0.13	-0.24	-1.00e-04	3.06e-05	3.79e-05
1048	3	2.88e-03	0.10	-0.18	-7.53e-05	2.30e-05	2.89e-05
1048	4	2.51e-03	0.09	-0.15	-6.36e-05	1.94e-05	2.48e-05
1048	5	2.51e-03	0.09	-0.15	-6.36e-05	1.94e-05	2.48e-05
1049	1	1.01e-03	0.14	-0.25	-7.74e-05	3.15e-05	4.35e-05
1049	3	7.91e-04	0.10	-0.19	-5.83e-05	2.37e-05	3.31e-05
1049	4	7.18e-04	0.09	-0.16	-4.95e-05	1.99e-05	2.83e-05
1049	5	7.18e-04	0.09	-0.16	-4.95e-05	1.99e-05	2.83e-05
1050	1	1.43e-03	0.14	-0.24	-6.00e-05	3.48e-05	4.44e-05
1050	3	1.10e-03	0.10	-0.18	-4.52e-05	2.62e-05	3.37e-05
1050	4	9.53e-04	0.09	-0.16	-3.86e-05	2.19e-05	2.89e-05
1050	5	9.53e-04	0.09	-0.16	-3.86e-05	2.19e-05	2.89e-05
1051	1	-1.38e-03	0.13	-0.25	-4.70e-05	3.22e-05	4.06e-05
1051	3	-1.03e-03	0.10	-0.18	-3.55e-05	2.42e-05	3.09e-05

1051	4	-8.71e-04	0.09	-0.16	-3.05e-05	2.01e-05	2.65e-05
1051	5	-8.71e-04	0.09	-0.16	-3.05e-05	2.01e-05	2.65e-05
1052	1	-7.60e-03	0.13	-0.25	-3.34e-05	2.13e-05	4.17e-05
1052	3	-5.70e-03	0.10	-0.19	-2.53e-05	1.60e-05	3.17e-05
1052	4	-4.88e-03	0.09	-0.16	-2.20e-05	1.33e-05	2.72e-05
1052	5	-4.88e-03	0.09	-0.16	-2.20e-05	1.33e-05	2.72e-05
1053	1	-0.01	0.13	-0.25	-1.83e-05	9.61e-06	4.78e-05
1053	3	-7.71e-03	0.10	-0.19	-1.40e-05	7.22e-06	3.62e-05
1053	4	-6.59e-03	0.08	-0.16	-1.25e-05	5.73e-06	3.11e-05
1053	5	-6.59e-03	0.08	-0.16	-1.25e-05	5.73e-06	3.11e-05
1054	1	-8.77e-03	0.13	-0.25	-5.61e-06	2.04e-06	4.89e-05
1054	3	-6.58e-03	0.10	-0.19	-4.42e-06	1.56e-06	3.71e-05
1054	4	-5.66e-03	0.08	-0.16	-4.60e-06	1.01e-06	3.18e-05
1054	5	-5.66e-03	0.08	-0.16	-4.60e-06	1.01e-06	3.18e-05
1055	1	-0.01	0.13	-0.26	5.57e-06	-1.54e-05	4.34e-05
1055	3	-8.27e-03	0.10	-0.19	3.98e-06	-1.16e-05	3.30e-05
1055	4	-7.11e-03	0.08	-0.16	2.39e-06	-1.04e-05	2.84e-05
1055	5	-7.11e-03	0.08	-0.16	2.39e-06	-1.04e-05	2.84e-05
1056	1	-0.01	0.13	-0.27	2.19e-05	-2.74e-05	3.83e-05
1056	3	-9.74e-03	0.09	-0.20	1.62e-05	-2.91e-05	2.91e-05
1056	4	-8.35e-03	0.08	-0.17	1.26e-05	-1.81e-05	2.51e-05
1056	5	-8.35e-03	0.08	-0.17	1.26e-05	-1.81e-05	2.51e-05
1057	1	-0.01	0.13	-0.27	4.25e-05	-1.62e-05	3.70e-05
1057	3	-0.01	0.09	-0.20	3.17e-05	-2.82e-05	2.82e-05
1057	4	-9.32e-03	0.08	-0.17	2.55e-05	-1.09e-05	2.43e-05
1057	5	-9.32e-03	0.08	-0.17	2.55e-05	-1.09e-05	2.43e-05
1058	1	-0.02	0.13	-0.26	6.42e-05	2.01e-06	3.93e-05
1058	3	-0.01	0.10	-0.20	4.80e-05	1.45e-06	2.99e-05
1058	4	-0.01	0.08	-0.17	3.89e-05	0.0	2.57e-05
1058	5	-0.01	0.08	-0.17	3.89e-05	0.0	2.57e-05
1059	1	-0.02	0.13	-0.25	8.47e-05	2.26e-05	4.02e-05
1059	3	-0.01	0.10	-0.19	6.33e-05	1.71e-05	3.06e-05
1059	4	-0.01	0.08	-0.16	5.17e-05	1.41e-05	2.63e-05
1059	5	-0.01	0.08	-0.16	5.17e-05	1.41e-05	2.63e-05
1060	1	-0.02	0.13	-0.24	1.04e-04	3.50e-05	3.68e-05
1060	3	-0.02	0.10	-0.18	7.81e-05	2.63e-05	2.80e-05
1060	4	-0.01	0.08	-0.15	6.40e-05	2.21e-05	2.40e-05
1060	5	-0.01	0.08	-0.15	6.40e-05	2.21e-05	2.40e-05
1061	1	-0.03	0.13	-0.22	1.25e-04	3.88e-05	3.44e-05
1061	3	-0.02	0.10	-0.16	9.33e-05	2.93e-05	2.62e-05
1061	4	-0.02	0.08	-0.14	7.67e-05	2.49e-05	2.25e-05
1061	5	-0.02	0.08	-0.14	7.67e-05	2.49e-05	2.25e-05
1062	1	0.02	0.13	-0.17	-1.69e-04	-1.45e-05	2.60e-05
1062	3	0.01	0.10	-0.13	-1.27e-04	-1.09e-05	1.99e-05
1062	4	0.01	0.09	-0.11	-1.07e-04	-9.05e-06	1.71e-05
1062	5	0.01	0.09	-0.11	-1.07e-04	-9.05e-06	1.71e-05
1063	1	0.01	0.13	-0.20	-1.48e-04	-2.55e-05	2.74e-05
1063	3	8.01e-03	0.10	-0.15	-1.12e-04	-1.91e-05	2.10e-05
1063	4	6.91e-03	0.09	-0.13	-9.40e-05	-1.60e-05	1.80e-05
1063	5	6.91e-03	0.09	-0.13	-9.40e-05	-1.60e-05	1.80e-05
1064	1	7.82e-03	0.14	-0.23	-1.26e-04	-2.77e-05	3.12e-05
1064	3	5.91e-03	0.10	-0.17	-9.55e-05	-2.07e-05	2.38e-05
1064	4	5.11e-03	0.09	-0.14	-8.05e-05	-1.72e-05	2.04e-05
1064	5	5.11e-03	0.09	-0.14	-8.05e-05	-1.72e-05	2.04e-05
1065	1	8.03e-03	0.14	-0.24	-1.03e-04	-2.66e-05	3.04e-05
1065	3	6.07e-03	0.10	-0.18	-7.82e-05	-2.00e-05	2.32e-05
1065	4	5.22e-03	0.09	-0.16	-6.60e-05	-1.65e-05	1.99e-05
1065	5	5.22e-03	0.09	-0.16	-6.60e-05	-1.65e-05	1.99e-05
1066	1	5.38e-03	0.14	-0.25	-8.09e-05	-2.73e-05	2.53e-05
1066	3	4.07e-03	0.10	-0.19	-6.13e-05	-2.04e-05	1.94e-05
1066	4	3.50e-03	0.09	-0.16	-5.19e-05	-1.70e-05	1.67e-05
1066	5	3.50e-03	0.09	-0.16	-5.19e-05	-1.70e-05	1.67e-05
1067	1	-3.91e-04	0.14	-0.24	-6.34e-05	-3.15e-05	2.54e-05
1067	3	-2.67e-04	0.10	-0.18	-4.82e-05	-2.35e-05	1.95e-05
1067	4	-2.05e-04	0.09	-0.16	-4.10e-05	-1.97e-05	1.67e-05
1067	5	-2.05e-04	0.09	-0.16	-4.10e-05	-1.97e-05	1.67e-05
1068	1	-3.18e-03	0.14	-0.25	-5.04e-05	-3.09e-05	3.15e-05
1068	3	-2.37e-03	0.10	-0.18	-3.84e-05	-2.31e-05	2.40e-05
1068	4	-2.01e-03	0.09	-0.16	-3.28e-05	-1.94e-05	2.06e-05
1068	5	-2.01e-03	0.09	-0.16	-3.28e-05	-1.94e-05	2.06e-05
1069	1	-3.19e-03	0.14	-0.25	-3.64e-05	-3.71e-05	3.40e-05
1069	3	-2.39e-03	0.10	-0.19	-2.79e-05	-2.78e-05	2.59e-05
1069	4	-2.07e-03	0.09	-0.16	-2.41e-05	-2.33e-05	2.23e-05
1069	5	-2.07e-03	0.09	-0.16	-2.41e-05	-2.33e-05	2.23e-05
1070	1	-5.84e-03	0.13	-0.25	-2.10e-05	-4.98e-05	3.19e-05
1070	3	-4.38e-03	0.10	-0.19	-1.64e-05	-3.73e-05	2.44e-05
1070	4	-3.77e-03	0.09	-0.16	-1.45e-05	-3.15e-05	2.09e-05

1070	5	-3.77e-03	0.09	-0.16	-1.45e-05	-3.15e-05	2.09e-05
1071	1	-0.01	0.13	-0.25	-8.06e-06	-6.42e-05	3.40e-05
1071	3	-7.95e-03	0.10	-0.19	-6.71e-06	-4.81e-05	2.59e-05
1071	4	-6.82e-03	0.09	-0.16	-6.47e-06	-4.06e-05	2.22e-05
1071	5	-6.82e-03	0.09	-0.16	-6.47e-06	-4.06e-05	2.22e-05
1072	1	-0.01	0.13	-0.25	2.89e-06	-7.81e-05	4.04e-05
1072	3	-9.58e-03	0.10	-0.19	1.49e-06	-5.87e-05	3.08e-05
1072	4	-8.22e-03	0.08	-0.16	0.0	-4.96e-05	2.63e-05
1072	5	-8.22e-03	0.08	-0.16	0.0	-4.96e-05	2.63e-05
1073	1	-8.64e-03	0.13	-0.26	1.79e-05	-8.35e-05	4.05e-05
1073	3	-6.49e-03	0.10	-0.19	1.27e-05	-6.27e-05	3.08e-05
1073	4	-5.60e-03	0.08	-0.17	9.60e-06	-5.32e-05	2.64e-05
1073	5	-5.60e-03	0.08	-0.17	9.60e-06	-5.32e-05	2.64e-05
1074	1	-9.73e-03	0.13	-0.26	3.67e-05	-8.07e-05	3.29e-05
1074	3	-7.31e-03	0.10	-0.19	2.68e-05	-6.07e-05	2.51e-05
1074	4	-6.31e-03	0.08	-0.17	2.13e-05	-5.14e-05	2.16e-05
1074	5	-6.31e-03	0.08	-0.17	2.13e-05	-5.14e-05	2.16e-05
1075	1	-0.01	0.13	-0.26	5.69e-05	-5.86e-05	2.52e-05
1075	3	-9.70e-03	0.10	-0.19	4.19e-05	-4.40e-05	1.93e-05
1075	4	-8.37e-03	0.08	-0.16	3.38e-05	-3.72e-05	1.66e-05
1075	5	-8.37e-03	0.08	-0.16	3.38e-05	-3.72e-05	1.66e-05
1076	1	-0.02	0.13	-0.25	7.67e-05	-4.12e-05	2.28e-05
1076	3	-0.02	0.10	-0.19	5.68e-05	-3.08e-05	1.75e-05
1076	4	-0.01	0.08	-0.16	4.60e-05	-2.58e-05	1.51e-05
1076	5	-0.01	0.08	-0.16	4.60e-05	-2.58e-05	1.51e-05
1077	1	-0.02	0.13	-0.24	9.61e-05	-1.44e-05	2.59e-05
1077	3	-0.02	0.10	-0.18	7.13e-05	-1.08e-05	1.99e-05
1077	4	-0.02	0.08	-0.15	5.81e-05	-8.78e-06	1.71e-05
1077	5	-0.02	0.08	-0.15	5.81e-05	-8.78e-06	1.71e-05
1078	1	-0.03	0.13	-0.22	1.17e-04	2.08e-06	2.81e-05
1078	3	-0.02	0.10	-0.17	8.67e-05	1.71e-06	2.16e-05
1078	4	-0.02	0.08	-0.14	7.10e-05	1.88e-06	1.85e-05
1078	5	-0.02	0.08	-0.14	7.10e-05	1.88e-06	1.85e-05
1079	1	0.02	0.16	-0.18	-4.63e-04	9.66e-05	4.56e-05
1079	3	0.01	0.12	-0.13	-3.47e-04	7.26e-05	3.46e-05
1079	4	0.01	0.10	-0.11	-2.92e-04	6.14e-05	2.95e-05
1079	5	0.01	0.10	-0.11	-2.92e-04	6.14e-05	2.95e-05
1080	1	0.01	0.15	-0.21	-3.77e-04	6.45e-05	4.83e-05
1080	3	9.74e-03	0.12	-0.16	-2.83e-04	4.84e-05	3.67e-05
1080	4	8.38e-03	0.10	-0.13	-2.38e-04	4.06e-05	3.13e-05
1080	5	8.38e-03	0.10	-0.13	-2.38e-04	4.06e-05	3.13e-05
1081	1	0.01	0.15	-0.23	-2.58e-04	7.43e-05	5.22e-05
1081	3	7.84e-03	0.11	-0.18	-1.93e-04	5.58e-05	3.96e-05
1081	4	6.75e-03	0.10	-0.15	-1.62e-04	4.68e-05	3.38e-05
1081	5	6.75e-03	0.10	-0.15	-1.62e-04	4.68e-05	3.38e-05
1082	1	8.35e-03	0.14	-0.25	-1.38e-04	1.31e-04	5.01e-05
1082	3	6.31e-03	0.11	-0.19	-1.04e-04	9.83e-05	3.80e-05
1082	4	5.43e-03	0.09	-0.16	-8.68e-05	8.29e-05	3.25e-05
1082	5	5.43e-03	0.09	-0.16	-8.68e-05	8.29e-05	3.25e-05
1083	1	5.69e-03	0.14	-0.25	-4.30e-05	1.35e-04	4.29e-05
1083	3	4.30e-03	0.10	-0.19	-3.23e-05	1.01e-04	3.26e-05
1083	4	3.70e-03	0.09	-0.16	-2.70e-05	8.52e-05	2.79e-05
1083	5	3.70e-03	0.09	-0.16	-2.70e-05	8.52e-05	2.79e-05
1084	1	2.55e-03	0.14	-0.25	-4.66e-06	8.38e-05	4.10e-05
1084	3	1.95e-03	0.10	-0.19	-3.44e-06	6.30e-05	3.12e-05
1084	4	1.68e-03	0.09	-0.16	-2.88e-06	5.29e-05	2.67e-05
1084	5	1.68e-03	0.09	-0.16	-2.88e-06	5.29e-05	2.67e-05
1085	1	-4.34e-04	0.14	-0.25	-1.05e-05	8.21e-05	4.45e-05
1085	3	-3.12e-04	0.10	-0.19	-7.78e-06	6.16e-05	3.38e-05
1085	4	-2.91e-04	0.09	-0.16	-6.26e-06	5.17e-05	2.89e-05
1085	5	-2.91e-04	0.09	-0.16	-6.26e-06	5.17e-05	2.89e-05
1086	1	-3.26e-03	0.13	-0.26	-1.92e-05	1.31e-04	4.24e-05
1086	3	-2.44e-03	0.10	-0.19	-1.43e-05	9.84e-05	3.22e-05
1086	4	-2.12e-03	0.09	-0.16	-1.18e-05	8.29e-05	2.76e-05
1086	5	-2.12e-03	0.09	-0.16	-1.18e-05	8.29e-05	2.76e-05
1087	1	-6.64e-03	0.13	-0.26	-2.56e-05	1.21e-04	3.48e-05
1087	3	-4.97e-03	0.10	-0.19	-1.92e-05	9.07e-05	2.65e-05
1087	4	-4.29e-03	0.09	-0.17	-1.62e-05	7.63e-05	2.28e-05
1087	5	-4.29e-03	0.09	-0.17	-1.62e-05	7.63e-05	2.28e-05
1088	1	-9.75e-03	0.13	-0.26	-5.09e-05	5.12e-05	3.34e-05
1088	3	-7.31e-03	0.10	-0.20	-3.82e-05	3.85e-05	2.55e-05
1088	4	-6.29e-03	0.09	-0.17	-3.23e-05	3.19e-05	2.19e-05
1088	5	-6.29e-03	0.09	-0.17	-3.23e-05	3.19e-05	2.19e-05
1089	1	-0.01	0.13	-0.27	-7.36e-05	2.96e-05	3.98e-05
1089	3	-9.79e-03	0.10	-0.20	-5.52e-05	2.22e-05	3.02e-05
1089	4	-8.42e-03	0.08	-0.17	-4.63e-05	1.79e-05	2.60e-05
1089	5	-8.42e-03	0.08	-0.17	-4.63e-05	1.79e-05	2.60e-05

1090	1	-0.01	0.13	-0.27	-4.56e-05	5.14e-05	4.54e-05
1090	3	-0.01	0.10	-0.21	-3.41e-05	3.84e-05	3.45e-05
1090	4	-9.03e-03	0.08	-0.17	-2.85e-05	3.14e-05	2.96e-05
1090	5	-9.03e-03	0.08	-0.17	-2.85e-05	3.14e-05	2.96e-05
1091	1	-0.01	0.12	-0.27	2.20e-05	7.17e-05	4.65e-05
1091	3	-0.01	0.09	-0.21	1.65e-05	5.37e-05	3.53e-05
1091	4	-9.36e-03	0.08	-0.18	1.36e-05	4.45e-05	3.05e-05
1091	5	-9.36e-03	0.08	-0.18	1.36e-05	4.45e-05	3.05e-05
1092	1	-0.02	0.12	-0.27	9.10e-05	9.27e-05	4.36e-05
1092	3	-0.01	0.09	-0.20	6.82e-05	6.96e-05	3.31e-05
1092	4	-0.01	0.08	-0.17	5.60e-05	5.81e-05	2.87e-05
1092	5	-0.01	0.08	-0.17	5.60e-05	5.81e-05	2.87e-05
1093	1	-0.02	0.12	-0.26	1.51e-04	6.49e-05	4.21e-05
1093	3	-0.01	0.09	-0.19	1.13e-04	4.88e-05	3.21e-05
1093	4	-0.01	0.08	-0.16	9.26e-05	4.09e-05	2.78e-05
1093	5	-0.01	0.08	-0.16	9.26e-05	4.09e-05	2.78e-05
1094	1	-0.02	0.11	-0.24	2.23e-04	7.49e-05	4.64e-05
1094	3	-0.02	0.09	-0.18	1.67e-04	5.63e-05	3.53e-05
1094	4	-0.01	0.07	-0.16	1.38e-04	4.75e-05	3.06e-05
1094	5	-0.01	0.07	-0.16	1.38e-04	4.75e-05	3.06e-05
1095	1	-0.02	0.11	-0.22	2.95e-04	1.41e-04	4.92e-05
1095	3	-0.02	0.08	-0.17	2.21e-04	1.06e-04	3.74e-05
1095	4	-0.01	0.07	-0.14	1.83e-04	8.99e-05	3.24e-05
1095	5	-0.01	0.07	-0.14	1.83e-04	8.99e-05	3.24e-05
1096	1	0.01	0.16	-0.18	-4.63e-04	-9.75e-05	2.40e-05
1096	3	9.42e-03	0.12	-0.13	-3.48e-04	-7.32e-05	1.84e-05
1096	4	8.12e-03	0.10	-0.11	-2.92e-04	-6.20e-05	1.60e-05
1096	5	8.12e-03	0.10	-0.11	-2.92e-04	-6.20e-05	1.60e-05
1097	1	9.93e-03	0.16	-0.21	-3.78e-04	-6.28e-05	2.12e-05
1097	3	7.51e-03	0.12	-0.16	-2.83e-04	-4.71e-05	1.64e-05
1097	4	6.48e-03	0.10	-0.13	-2.38e-04	-3.96e-05	1.43e-05
1097	5	6.48e-03	0.10	-0.13	-2.38e-04	-3.96e-05	1.43e-05
1098	1	6.97e-03	0.15	-0.23	-2.58e-04	-7.14e-05	1.74e-05
1098	3	5.28e-03	0.11	-0.18	-1.93e-04	-5.36e-05	1.35e-05
1098	4	4.58e-03	0.10	-0.15	-1.62e-04	-4.49e-05	1.18e-05
1098	5	4.58e-03	0.10	-0.15	-1.62e-04	-4.49e-05	1.18e-05
1099	1	3.76e-03	0.15	-0.25	-1.38e-04	-1.26e-04	1.95e-05
1099	3	2.86e-03	0.11	-0.19	-1.03e-04	-9.46e-05	1.51e-05
1099	4	2.50e-03	0.10	-0.16	-8.64e-05	-7.97e-05	1.31e-05
1099	5	2.50e-03	0.10	-0.16	-8.64e-05	-7.97e-05	1.31e-05
1100	1	9.86e-04	0.14	-0.26	-4.17e-05	-1.29e-04	2.67e-05
1100	3	7.71e-04	0.11	-0.19	-3.10e-05	-9.71e-05	2.04e-05
1100	4	7.01e-04	0.09	-0.16	-2.60e-05	-8.19e-05	1.76e-05
1100	5	7.01e-04	0.09	-0.16	-2.60e-05	-8.19e-05	1.76e-05
1101	1	-1.28e-03	0.14	-0.25	-1.51e-06	-7.83e-05	2.81e-05
1101	3	-9.29e-04	0.11	-0.19	0.0	-5.88e-05	2.15e-05
1101	4	-7.69e-04	0.09	-0.16	0.0	-4.93e-05	1.85e-05
1101	5	-7.69e-04	0.09	-0.16	0.0	-4.93e-05	1.85e-05
1102	1	-4.26e-03	0.14	-0.25	-2.57e-06	-7.90e-05	2.29e-05
1102	3	-3.19e-03	0.10	-0.19	-1.63e-06	-5.93e-05	1.77e-05
1102	4	-2.73e-03	0.09	-0.16	-1.03e-06	-4.98e-05	1.52e-05
1102	5	-2.73e-03	0.09	-0.16	-1.03e-06	-4.98e-05	1.52e-05
1103	1	-7.97e-03	0.14	-0.26	-3.86e-06	-1.35e-04	2.23e-05
1103	3	-5.98e-03	0.10	-0.19	-2.60e-06	-1.01e-04	1.72e-05
1103	4	-5.12e-03	0.09	-0.16	-1.71e-06	-8.55e-05	1.48e-05
1103	5	-5.12e-03	0.09	-0.16	-1.71e-06	-8.55e-05	1.48e-05
1104	1	-0.01	0.13	-0.26	-3.39e-06	-1.47e-04	2.77e-05
1104	3	-8.54e-03	0.10	-0.19	-2.30e-06	-1.10e-04	2.12e-05
1104	4	-7.31e-03	0.09	-0.16	-1.76e-06	-9.30e-05	1.82e-05
1104	5	-7.31e-03	0.09	-0.16	-1.76e-06	-9.30e-05	1.82e-05
1105	1	-0.01	0.13	-0.26	-2.42e-05	-1.12e-04	2.84e-05
1105	3	-0.01	0.10	-0.19	-1.79e-05	-8.37e-05	2.18e-05
1105	4	-8.80e-03	0.09	-0.16	-1.50e-05	-7.07e-05	1.86e-05
1105	5	-8.80e-03	0.09	-0.16	-1.50e-05	-7.07e-05	1.86e-05
1106	1	-0.02	0.13	-0.26	-4.87e-05	-1.30e-04	2.41e-05
1106	3	-0.01	0.10	-0.20	-3.62e-05	-9.74e-05	1.86e-05
1106	4	-0.01	0.09	-0.17	-3.01e-05	-8.24e-05	1.59e-05
1106	5	-0.01	0.09	-0.17	-3.01e-05	-8.24e-05	1.59e-05
1107	1	-0.02	0.13	-0.27	-3.71e-05	-2.12e-04	2.87e-05
1107	3	-0.01	0.10	-0.20	-2.75e-05	-1.59e-04	2.20e-05
1107	4	-0.01	0.09	-0.17	-2.28e-05	-1.35e-04	1.89e-05
1107	5	-0.01	0.09	-0.17	-2.28e-05	-1.35e-04	1.89e-05
1108	1	-0.02	0.13	-0.27	6.25e-06	-2.19e-04	4.15e-05
1108	3	-0.01	0.10	-0.20	4.91e-06	-1.64e-04	3.17e-05
1108	4	-0.01	0.08	-0.17	3.58e-06	-1.39e-04	2.71e-05
1108	5	-0.01	0.08	-0.17	3.58e-06	-1.39e-04	2.71e-05
1109	1	-0.02	0.12	-0.26	5.87e-05	-1.81e-04	5.41e-05

1109	3	-0.02	0.09	-0.20	4.42e-05	-1.36e-04	4.11e-05
1109	4	-0.01	0.08	-0.17	3.53e-05	-1.15e-04	3.51e-05
1109	5	-0.01	0.08	-0.17	3.53e-05	-1.15e-04	3.51e-05
1110	1	-0.02	0.12	-0.26	1.12e-04	-8.87e-05	5.94e-05
1110	3	-0.02	0.09	-0.19	8.41e-05	-6.65e-05	4.51e-05
1110	4	-0.01	0.08	-0.16	6.79e-05	-5.60e-05	3.85e-05
1110	5	-0.01	0.08	-0.16	6.79e-05	-5.60e-05	3.85e-05
1111	1	-0.02	0.12	-0.25	1.84e-04	-4.81e-05	5.66e-05
1111	3	-0.02	0.09	-0.19	1.38e-04	-3.61e-05	4.30e-05
1111	4	-0.02	0.08	-0.16	1.13e-04	-3.00e-05	3.67e-05
1111	5	-0.02	0.08	-0.16	1.13e-04	-3.00e-05	3.67e-05
1112	1	-0.03	0.11	-0.23	2.56e-04	-3.13e-05	5.42e-05
1112	3	-0.02	0.09	-0.17	1.92e-04	-2.35e-05	4.12e-05
1112	4	-0.02	0.08	-0.15	1.58e-04	-1.91e-05	3.52e-05
1112	5	-0.02	0.08	-0.15	1.58e-04	-1.91e-05	3.52e-05
1113	1	0.02	0.18	-0.18	-4.63e-04	9.66e-05	4.56e-05
1113	3	0.02	0.14	-0.13	-3.47e-04	7.26e-05	3.46e-05
1113	4	0.01	0.12	-0.11	-2.92e-04	6.14e-05	2.95e-05
1113	5	0.01	0.12	-0.11	-2.92e-04	6.14e-05	2.95e-05
1114	1	6.62e-03	0.19	-0.18	-4.63e-04	-9.75e-05	2.40e-05
1114	3	5.02e-03	0.14	-0.13	-3.48e-04	-7.32e-05	1.84e-05
1114	4	4.40e-03	0.12	-0.11	-2.92e-04	-6.20e-05	1.60e-05
1114	5	4.40e-03	0.12	-0.11	-2.92e-04	-6.20e-05	1.60e-05
1115	1	0.02	0.18	-0.21	-3.77e-04	6.45e-05	4.83e-05
1115	3	0.01	0.13	-0.16	-2.83e-04	4.84e-05	3.67e-05
1115	4	0.01	0.11	-0.13	-2.38e-04	4.06e-05	3.13e-05
1115	5	0.01	0.11	-0.13	-2.38e-04	4.06e-05	3.13e-05
1116	1	6.16e-03	0.18	-0.21	-3.78e-04	-6.28e-05	2.12e-05
1116	3	4.68e-03	0.13	-0.16	-2.83e-04	-4.71e-05	1.64e-05
1116	4	4.11e-03	0.12	-0.13	-2.38e-04	-3.96e-05	1.43e-05
1116	5	4.11e-03	0.12	-0.13	-2.38e-04	-3.96e-05	1.43e-05
1117	1	0.01	0.16	-0.23	-2.58e-04	7.43e-05	5.22e-05
1117	3	0.01	0.12	-0.18	-1.93e-04	5.58e-05	3.96e-05
1117	4	9.57e-03	0.11	-0.15	-1.62e-04	4.68e-05	3.38e-05
1117	5	9.57e-03	0.11	-0.15	-1.62e-04	4.68e-05	3.38e-05
1118	1	2.69e-03	0.17	-0.23	-2.58e-04	-7.14e-05	1.74e-05
1118	3	2.06e-03	0.13	-0.18	-1.93e-04	-5.36e-05	1.35e-05
1118	4	1.88e-03	0.11	-0.15	-1.62e-04	-4.49e-05	1.18e-05
1118	5	1.88e-03	0.11	-0.15	-1.62e-04	-4.49e-05	1.18e-05
1119	1	0.02	0.15	-0.25	-1.38e-04	1.31e-04	5.01e-05
1119	3	0.01	0.11	-0.19	-1.04e-04	9.83e-05	3.80e-05
1119	4	0.01	0.10	-0.16	-8.68e-05	8.29e-05	3.25e-05
1119	5	0.01	0.10	-0.16	-8.68e-05	8.29e-05	3.25e-05
1120	1	-3.80e-03	0.16	-0.25	-1.38e-04	-1.26e-04	1.95e-05
1120	3	-2.82e-03	0.12	-0.19	-1.03e-04	-9.46e-05	1.51e-05
1120	4	-2.28e-03	0.10	-0.16	-8.64e-05	-7.97e-05	1.31e-05
1120	5	-2.28e-03	0.10	-0.16	-8.64e-05	-7.97e-05	1.31e-05
1121	1	0.01	0.14	-0.25	-4.30e-05	1.35e-04	4.29e-05
1121	3	0.01	0.11	-0.19	-3.23e-05	1.01e-04	3.26e-05
1121	4	8.81e-03	0.09	-0.16	-2.70e-05	8.52e-05	2.79e-05
1121	5	8.81e-03	0.09	-0.16	-2.70e-05	8.52e-05	2.79e-05
1122	1	-6.77e-03	0.15	-0.26	-4.17e-05	-1.29e-04	2.67e-05
1122	3	-5.06e-03	0.11	-0.19	-3.10e-05	-9.71e-05	2.04e-05
1122	4	-4.21e-03	0.09	-0.16	-2.60e-05	-8.19e-05	1.76e-05
1122	5	-4.21e-03	0.09	-0.16	-2.60e-05	-8.19e-05	1.76e-05
1123	1	7.58e-03	0.14	-0.25	-4.66e-06	8.38e-05	4.10e-05
1123	3	5.73e-03	0.10	-0.19	-3.44e-06	6.30e-05	3.12e-05
1123	4	4.85e-03	0.09	-0.16	-2.88e-06	5.29e-05	2.67e-05
1123	5	4.85e-03	0.09	-0.16	-2.88e-06	5.29e-05	2.67e-05
1124	1	-5.98e-03	0.14	-0.25	-1.51e-06	-7.83e-05	2.81e-05
1124	3	-4.45e-03	0.11	-0.19	0.0	-5.88e-05	2.15e-05
1124	4	-3.73e-03	0.09	-0.16	0.0	-4.93e-05	1.85e-05
1124	5	-3.73e-03	0.09	-0.16	0.0	-4.93e-05	1.85e-05
1125	1	4.49e-03	0.14	-0.25	-1.05e-05	8.21e-05	4.45e-05
1125	3	3.39e-03	0.10	-0.19	-7.78e-06	6.16e-05	3.38e-05
1125	4	2.81e-03	0.09	-0.16	-6.26e-06	5.17e-05	2.89e-05
1125	5	2.81e-03	0.09	-0.16	-6.26e-06	5.17e-05	2.89e-05
1126	1	-9.00e-03	0.14	-0.25	-2.57e-06	-7.90e-05	2.29e-05
1126	3	-6.75e-03	0.10	-0.19	-1.63e-06	-5.93e-05	1.77e-05
1126	4	-5.72e-03	0.09	-0.16	-1.03e-06	-4.98e-05	1.52e-05
1126	5	-5.72e-03	0.09	-0.16	-1.03e-06	-4.98e-05	1.52e-05
1127	1	4.60e-03	0.13	-0.26	-1.92e-05	1.31e-04	4.24e-05
1127	3	3.47e-03	0.10	-0.19	-1.43e-05	9.84e-05	3.22e-05
1127	4	2.86e-03	0.09	-0.16	-1.18e-05	8.29e-05	2.76e-05
1127	5	2.86e-03	0.09	-0.16	-1.18e-05	8.29e-05	2.76e-05
1128	1	-0.02	0.14	-0.26	-3.86e-06	-1.35e-04	2.23e-05
1128	3	-0.01	0.10	-0.19	-2.60e-06	-1.01e-04	1.72e-05

1128	4	-0.01	0.09	-0.16	-1.71e-06	-8.55e-05	1.48e-05
1128	5	-0.01	0.09	-0.16	-1.71e-06	-8.55e-05	1.48e-05
1129	1	6.02e-04	0.13	-0.26	-2.56e-05	1.21e-04	3.48e-05
1129	3	4.65e-04	0.10	-0.19	-1.92e-05	9.07e-05	2.65e-05
1129	4	2.89e-04	0.09	-0.17	-1.62e-05	7.63e-05	2.28e-05
1129	5	2.89e-04	0.09	-0.17	-1.62e-05	7.63e-05	2.28e-05
1130	1	-0.02	0.13	-0.26	-3.39e-06	-1.47e-04	2.77e-05
1130	3	-0.02	0.10	-0.19	-2.30e-06	-1.10e-04	2.12e-05
1130	4	-0.01	0.09	-0.16	-1.76e-06	-9.30e-05	1.82e-05
1130	5	-0.01	0.09	-0.16	-1.76e-06	-9.30e-05	1.82e-05
1131	1	-6.68e-03	0.13	-0.26	-5.09e-05	5.12e-05	3.34e-05
1131	3	-5.00e-03	0.10	-0.20	-3.82e-05	3.85e-05	2.55e-05
1131	4	-4.37e-03	0.09	-0.17	-3.23e-05	3.19e-05	2.19e-05
1131	5	-4.37e-03	0.09	-0.17	-3.23e-05	3.19e-05	2.19e-05
1132	1	-0.02	0.14	-0.26	-2.42e-05	-1.12e-04	2.84e-05
1132	3	-0.02	0.10	-0.19	-1.79e-05	-8.37e-05	2.18e-05
1132	4	-0.01	0.09	-0.16	-1.50e-05	-7.07e-05	1.86e-05
1132	5	-0.01	0.09	-0.16	-1.50e-05	-7.07e-05	1.86e-05
1133	1	-0.01	0.13	-0.27	-4.56e-05	5.14e-05	4.54e-05
1133	3	-8.19e-03	0.10	-0.21	-3.41e-05	3.84e-05	3.45e-05
1133	4	-7.15e-03	0.08	-0.17	-2.85e-05	3.14e-05	2.96e-05
1133	5	-7.15e-03	0.08	-0.17	-2.85e-05	3.14e-05	2.96e-05
1134	1	-0.03	0.13	-0.27	-3.71e-05	-2.12e-04	2.87e-05
1134	3	-0.02	0.10	-0.20	-2.75e-05	-2.20e-04	2.20e-05
1134	4	-0.02	0.09	-0.17	-2.28e-05	-1.35e-04	1.89e-05
1134	5	-0.02	0.09	-0.17	-2.28e-05	-1.35e-04	1.89e-05
1135	1	-0.01	0.12	-0.27	2.20e-05	7.17e-05	4.65e-05
1135	3	-7.64e-03	0.09	-0.21	1.65e-05	5.37e-05	3.53e-05
1135	4	-6.70e-03	0.08	-0.18	1.36e-05	4.45e-05	3.05e-05
1135	5	-6.70e-03	0.08	-0.18	1.36e-05	4.45e-05	3.05e-05
1136	1	-0.03	0.13	-0.27	6.25e-06	-2.19e-04	4.15e-05
1136	3	-0.02	0.10	-0.20	4.91e-06	-1.64e-04	3.17e-05
1136	4	-0.02	0.08	-0.17	3.58e-06	-1.39e-04	2.71e-05
1136	5	-0.02	0.08	-0.17	3.58e-06	-1.39e-04	2.71e-05
1137	1	-9.97e-03	0.11	-0.27	9.10e-05	9.27e-05	4.36e-05
1137	3	-7.52e-03	0.09	-0.20	6.82e-05	6.96e-05	3.31e-05
1137	4	-6.60e-03	0.08	-0.17	5.60e-05	5.81e-05	2.87e-05
1137	5	-6.60e-03	0.08	-0.17	5.60e-05	5.81e-05	2.87e-05
1138	1	0.02	0.15	-0.19	-3.68e-04	6.97e-05	3.55e-05
1138	3	0.01	0.11	-0.14	-2.77e-04	5.25e-05	2.67e-05
1138	4	0.01	0.10	-0.12	-2.33e-04	4.48e-05	2.30e-05
1138	5	0.01	0.10	-0.12	-2.33e-04	4.48e-05	2.30e-05
1139	1	0.01	0.13	-0.18	-3.61e-04	-1.71e-05	-3.34e-05
1139	3	0.01	0.10	-0.14	-2.71e-04	-1.29e-05	-2.51e-05
1139	4	9.64e-03	0.08	-0.12	-2.29e-04	-1.10e-05	-2.11e-05
1139	5	9.64e-03	0.08	-0.12	-2.29e-04	-1.10e-05	-2.11e-05
1140	1	0.02	0.13	-0.21	-2.28e-04	-3.85e-05	2.29e-05
1140	3	0.01	0.10	-0.16	-1.71e-04	-2.89e-05	1.73e-05
1140	4	9.95e-03	0.08	-0.13	-1.44e-04	-2.46e-05	1.50e-05
1140	5	9.95e-03	0.08	-0.13	-1.44e-04	-2.46e-05	1.50e-05
1141	1	9.50e-03	0.13	-0.22	-9.01e-05	-1.61e-05	1.06e-04
1141	3	7.18e-03	0.10	-0.17	-6.75e-05	-1.22e-05	8.01e-05
1141	4	6.17e-03	0.08	-0.14	-5.57e-05	-1.03e-05	6.82e-05
1141	5	6.17e-03	0.08	-0.14	-5.57e-05	-1.03e-05	6.82e-05
1142	1	3.27e-03	0.13	-0.23	-5.90e-05	8.33e-06	3.05e-05
1142	3	2.49e-03	0.10	-0.17	-4.43e-05	6.26e-06	2.30e-05
1142	4	2.17e-03	0.09	-0.15	-3.72e-05	5.35e-06	1.98e-05
1142	5	2.17e-03	0.09	-0.15	-3.72e-05	5.35e-06	1.98e-05
1143	1	4.38e-03	0.13	-0.23	-6.00e-05	-1.77e-05	-5.35e-05
1143	3	3.32e-03	0.10	-0.18	-4.51e-05	-1.32e-05	-4.02e-05
1143	4	2.85e-03	0.08	-0.15	-3.89e-05	-1.12e-05	-3.37e-05
1143	5	2.85e-03	0.08	-0.15	-3.89e-05	-1.12e-05	-3.37e-05
1144	1	0.01	0.15	-0.22	-2.34e-04	1.22e-05	2.27e-05
1144	3	0.01	0.11	-0.16	-1.76e-04	9.20e-06	1.72e-05
1144	4	9.44e-03	0.09	-0.14	-1.48e-04	7.99e-06	1.48e-05
1144	5	9.44e-03	0.09	-0.14	-1.48e-04	7.99e-06	1.48e-05
1145	1	0.01	0.14	-0.23	-1.11e-04	9.00e-05	1.75e-05
1145	3	9.67e-03	0.11	-0.17	-8.35e-05	6.76e-05	1.32e-05
1145	4	8.29e-03	0.09	-0.15	-6.94e-05	5.75e-05	1.16e-05
1145	5	8.29e-03	0.09	-0.15	-6.94e-05	5.75e-05	1.16e-05
1146	1	0.01	0.14	-0.24	-6.19e-05	1.68e-04	2.86e-05
1146	3	8.15e-03	0.10	-0.18	-4.65e-05	1.26e-04	2.16e-05
1146	4	6.97e-03	0.09	-0.15	-3.90e-05	1.07e-04	1.86e-05
1146	5	6.97e-03	0.09	-0.15	-3.90e-05	1.07e-04	1.86e-05
1147	1	7.77e-03	0.13	-0.24	-4.59e-05	9.27e-05	3.72e-05
1147	3	5.87e-03	0.10	-0.18	-3.45e-05	6.98e-05	2.79e-05
1147	4	5.01e-03	0.09	-0.15	-2.97e-05	5.92e-05	2.40e-05



1147	5	5.01e-03	0.09	-0.15	-2.97e-05	5.92e-05	2.40e-05
1148	1	-1.13e-03	0.13	-0.24	-2.80e-05	1.63e-04	3.67e-05
1148	3	-8.33e-04	0.10	-0.18	-2.10e-05	1.23e-04	2.75e-05
1148	4	-7.66e-04	0.08	-0.16	-1.79e-05	1.04e-04	2.35e-05
1148	5	-7.66e-04	0.08	-0.16	-1.79e-05	1.04e-04	2.35e-05
1149	1	5.45e-03	0.13	-0.24	-1.98e-05	-4.52e-05	3.15e-05
1149	3	4.11e-03	0.10	-0.18	-1.50e-05	-3.38e-05	2.38e-05
1149	4	3.50e-03	0.08	-0.15	-1.28e-05	-2.89e-05	2.04e-05
1149	5	3.50e-03	0.08	-0.15	-1.28e-05	-2.89e-05	2.04e-05
1150	1	-1.32e-03	0.13	-0.24	2.92e-05	-2.45e-05	1.18e-04
1150	3	-9.78e-04	0.10	-0.18	2.21e-05	-1.84e-05	8.86e-05
1150	4	-8.51e-04	0.08	-0.15	1.94e-05	-1.58e-05	7.56e-05
1150	5	-8.51e-04	0.08	-0.15	1.94e-05	-1.58e-05	7.56e-05
1151	1	-8.00e-03	0.13	-0.24	-2.64e-05	-7.68e-06	3.01e-05
1151	3	-6.00e-03	0.10	-0.18	-1.98e-05	-5.75e-06	2.26e-05
1151	4	-5.14e-03	0.08	-0.15	-1.69e-05	-5.05e-06	1.94e-05
1151	5	-5.14e-03	0.08	-0.15	-1.69e-05	-5.05e-06	1.94e-05
1152	1	-6.29e-03	0.12	-0.24	-9.01e-05	-4.34e-05	-6.55e-05
1152	3	-4.72e-03	0.09	-0.18	-6.78e-05	-3.26e-05	-4.92e-05
1152	4	-4.07e-03	0.08	-0.15	-5.83e-05	-2.78e-05	-4.14e-05
1152	5	-4.07e-03	0.08	-0.15	-5.83e-05	-2.78e-05	-4.14e-05
1153	1	-4.49e-03	0.12	-0.25	-8.09e-05	-7.95e-05	2.83e-05
1153	3	-3.37e-03	0.09	-0.19	-6.09e-05	-5.98e-05	2.14e-05
1153	4	-2.95e-03	0.08	-0.16	-5.20e-05	-5.08e-05	1.83e-05
1153	5	-2.95e-03	0.08	-0.16	-5.20e-05	-5.08e-05	1.83e-05
1154	1	-8.99e-03	0.12	-0.26	-4.22e-05	-6.74e-05	7.14e-05
1154	3	-6.76e-03	0.09	-0.19	-3.17e-05	-5.07e-05	5.36e-05
1154	4	-5.83e-03	0.08	-0.16	-2.67e-05	-4.33e-05	4.53e-05
1154	5	-5.83e-03	0.08	-0.16	-2.67e-05	-4.33e-05	4.53e-05
1155	1	-0.01	0.12	-0.26	3.29e-05	-4.35e-05	1.54e-05
1155	3	-9.76e-03	0.09	-0.19	2.47e-05	-3.27e-05	1.16e-05
1155	4	-8.38e-03	0.08	-0.16	2.10e-05	-2.81e-05	1.00e-05
1155	5	-8.38e-03	0.08	-0.16	2.10e-05	-2.81e-05	1.00e-05
1156	1	-0.02	0.12	-0.25	8.16e-05	-2.95e-05	3.19e-05
1156	3	-0.01	0.09	-0.19	6.12e-05	-2.22e-05	2.42e-05
1156	4	-9.81e-03	0.08	-0.16	5.12e-05	-1.91e-05	2.08e-05
1156	5	-9.81e-03	0.08	-0.16	5.12e-05	-1.91e-05	2.08e-05
1157	1	-0.01	0.12	-0.24	6.15e-05	-3.71e-05	-3.96e-05
1157	3	-0.01	0.09	-0.18	4.59e-05	-2.78e-05	-2.96e-05
1157	4	-9.62e-03	0.08	-0.16	3.66e-05	-2.38e-05	-2.46e-05
1157	5	-9.62e-03	0.08	-0.16	3.66e-05	-2.38e-05	-2.46e-05
1158	1	-0.02	0.12	-0.24	1.06e-04	-4.36e-05	4.88e-05
1158	3	-0.01	0.09	-0.18	7.91e-05	-3.26e-05	3.67e-05
1158	4	-9.95e-03	0.08	-0.15	6.45e-05	-2.78e-05	3.15e-05
1158	5	-9.95e-03	0.08	-0.15	6.45e-05	-2.78e-05	3.15e-05
1159	1	-0.02	0.12	-0.22	2.50e-04	-2.87e-06	1.28e-04
1159	3	-0.02	0.09	-0.17	1.87e-04	-2.09e-06	9.59e-05
1159	4	-0.02	0.08	-0.14	1.56e-04	-1.69e-06	8.20e-05
1159	5	-0.02	0.08	-0.14	1.56e-04	-1.69e-06	8.20e-05
1160	1	-4.47e-03	0.13	-0.25	-7.60e-05	7.37e-05	3.51e-05
1160	3	-3.35e-03	0.10	-0.19	-5.72e-05	5.54e-05	2.64e-05
1160	4	-2.92e-03	0.08	-0.16	-4.91e-05	4.69e-05	2.26e-05
1160	5	-2.92e-03	0.08	-0.16	-4.91e-05	4.69e-05	2.26e-05
1161	1	-7.82e-03	0.13	-0.26	-7.78e-05	-1.83e-05	3.65e-05
1161	3	-5.87e-03	0.10	-0.19	-5.86e-05	-1.37e-05	2.76e-05
1161	4	-5.08e-03	0.08	-0.16	-5.00e-05	-1.17e-05	2.38e-05
1161	5	-5.08e-03	0.08	-0.16	-5.00e-05	-1.17e-05	2.38e-05
1162	1	-9.76e-03	0.12	-0.26	-4.24e-05	3.00e-05	6.83e-06
1162	3	-7.34e-03	0.09	-0.20	-3.18e-05	2.25e-05	5.12e-06
1162	4	-6.35e-03	0.08	-0.17	-2.69e-05	1.86e-05	4.51e-06
1162	5	-6.35e-03	0.08	-0.17	-2.69e-05	1.86e-05	4.51e-06
1163	1	-0.01	0.12	-0.26	2.50e-05	9.87e-05	2.02e-06
1163	3	-7.56e-03	0.09	-0.20	1.88e-05	7.41e-05	1.55e-06
1163	4	-6.56e-03	0.08	-0.17	1.59e-05	6.21e-05	1.49e-06
1163	5	-6.56e-03	0.08	-0.17	1.59e-05	6.21e-05	1.49e-06
1164	1	-0.01	0.12	-0.26	7.02e-05	1.21e-04	1.68e-05
1164	3	-8.16e-03	0.09	-0.20	5.27e-05	9.08e-05	1.27e-05
1164	4	-7.08e-03	0.08	-0.17	4.38e-05	7.65e-05	1.10e-05
1164	5	-7.08e-03	0.08	-0.17	4.38e-05	7.65e-05	1.10e-05
1165	1	-0.01	0.12	-0.25	7.62e-05	6.61e-05	3.36e-05
1165	3	-9.88e-03	0.09	-0.19	5.70e-05	4.99e-05	2.52e-05
1165	4	-8.55e-03	0.08	-0.16	4.62e-05	4.21e-05	2.16e-05
1165	5	-8.55e-03	0.08	-0.16	4.62e-05	4.21e-05	2.16e-05
1166	1	-0.02	0.11	-0.25	1.29e-04	9.63e-06	3.84e-05
1166	3	-0.01	0.08	-0.18	9.64e-05	7.49e-06	2.91e-05
1166	4	-0.01	0.07	-0.16	7.91e-05	6.47e-06	2.49e-05
1166	5	-0.01	0.07	-0.16	7.91e-05	6.47e-06	2.49e-05

1167	1	-0.02	0.11	-0.23	2.60e-04	9.92e-05	3.00e-05
1167	3	-0.01	0.08	-0.17	1.95e-04	7.46e-05	2.25e-05
1167	4	-0.01	0.07	-0.15	1.62e-04	6.38e-05	1.95e-05
1167	5	-0.01	0.07	-0.15	1.62e-04	6.38e-05	1.95e-05
1168	1	4.55e-03	0.13	-0.24	-1.57e-05	1.56e-05	3.26e-05
1168	3	3.45e-03	0.10	-0.18	-1.19e-05	1.18e-05	2.47e-05
1168	4	2.92e-03	0.09	-0.16	-1.02e-05	9.93e-06	2.14e-05
1168	5	2.92e-03	0.09	-0.16	-1.02e-05	9.93e-06	2.14e-05
1169	1	1.81e-03	0.13	-0.24	9.61e-06	9.13e-05	2.92e-05
1169	3	1.38e-03	0.10	-0.18	7.30e-06	6.86e-05	2.20e-05
1169	4	1.13e-03	0.08	-0.16	6.63e-06	5.80e-05	1.90e-05
1169	5	1.13e-03	0.08	-0.16	6.63e-06	5.80e-05	1.90e-05
1170	1	0.02	0.17	-0.20	-3.68e-04	6.97e-05	3.55e-05
1170	3	0.02	0.13	-0.15	-2.77e-04	5.25e-05	2.67e-05
1170	4	0.01	0.11	-0.13	-2.33e-04	4.48e-05	2.30e-05
1170	5	0.01	0.11	-0.13	-2.33e-04	4.48e-05	2.30e-05
1171	1	0.02	0.16	-0.22	-2.34e-04	1.22e-05	2.27e-05
1171	3	0.01	0.12	-0.17	-1.76e-04	9.20e-06	1.72e-05
1171	4	9.92e-03	0.10	-0.14	-1.48e-04	7.99e-06	1.48e-05
1171	5	9.92e-03	0.10	-0.14	-1.48e-04	7.99e-06	1.48e-05
1172	1	0.02	0.15	-0.24	-1.11e-04	9.00e-05	1.75e-05
1172	3	0.01	0.11	-0.18	-8.35e-05	6.76e-05	1.32e-05
1172	4	0.01	0.10	-0.15	-6.94e-05	5.75e-05	1.16e-05
1172	5	0.01	0.10	-0.15	-6.94e-05	5.75e-05	1.16e-05
1173	1	0.02	0.14	-0.24	-6.19e-05	1.68e-04	2.86e-05
1173	3	0.02	0.11	-0.18	-4.65e-05	1.26e-04	2.16e-05
1173	4	0.01	0.09	-0.16	-3.90e-05	1.07e-04	1.86e-05
1173	5	0.01	0.09	-0.16	-3.90e-05	1.07e-04	1.86e-05
1174	1	0.01	0.14	-0.25	-4.59e-05	9.27e-05	3.72e-05
1174	3	0.01	0.10	-0.19	-3.45e-05	6.98e-05	2.79e-05
1174	4	8.57e-03	0.09	-0.16	-2.97e-05	5.92e-05	2.40e-05
1174	5	8.57e-03	0.09	-0.16	-2.97e-05	5.92e-05	2.40e-05
1175	1	5.49e-03	0.13	-0.25	-1.57e-05	1.56e-05	3.26e-05
1175	3	4.16e-03	0.10	-0.19	-1.19e-05	1.18e-05	2.47e-05
1175	4	3.52e-03	0.09	-0.16	-1.02e-05	9.93e-06	2.14e-05
1175	5	3.52e-03	0.09	-0.16	-1.02e-05	9.93e-06	2.14e-05
1176	1	7.29e-03	0.13	-0.25	9.61e-06	9.13e-05	2.92e-05
1176	3	5.50e-03	0.10	-0.19	7.30e-06	6.86e-05	2.20e-05
1176	4	4.61e-03	0.08	-0.16	6.63e-06	5.80e-05	1.90e-05
1176	5	4.61e-03	0.08	-0.16	6.63e-06	5.80e-05	1.90e-05
1177	1	8.65e-03	0.13	-0.25	-2.80e-05	1.63e-04	3.67e-05
1177	3	6.52e-03	0.10	-0.19	-2.10e-05	1.23e-04	2.75e-05
1177	4	5.46e-03	0.09	-0.16	-1.79e-05	1.04e-04	2.35e-05
1177	5	5.46e-03	0.09	-0.16	-1.79e-05	1.04e-04	2.35e-05
1178	1	-5.38e-05	0.13	-0.26	-7.60e-05	7.37e-05	3.51e-05
1178	3	-2.12e-05	0.10	-0.19	-5.72e-05	5.54e-05	2.64e-05
1178	4	-9.97e-05	0.09	-0.16	-4.91e-05	4.69e-05	2.26e-05
1178	5	-9.97e-05	0.09	-0.16	-4.91e-05	4.69e-05	2.26e-05
1179	1	-8.92e-03	0.13	-0.26	-7.78e-05	-1.83e-05	3.65e-05
1179	3	-6.69e-03	0.10	-0.20	-5.86e-05	-1.37e-05	2.76e-05
1179	4	-5.79e-03	0.09	-0.17	-5.00e-05	-1.17e-05	2.38e-05
1179	5	-5.79e-03	0.09	-0.17	-5.00e-05	-1.17e-05	2.38e-05
1180	1	-7.96e-03	0.13	-0.27	-4.24e-05	3.00e-05	6.83e-06
1180	3	-5.99e-03	0.10	-0.20	-3.18e-05	2.25e-05	5.12e-06
1180	4	-5.23e-03	0.08	-0.17	-2.69e-05	1.86e-05	4.51e-06
1180	5	-5.23e-03	0.08	-0.17	-2.69e-05	1.86e-05	4.51e-06
1181	1	-4.13e-03	0.12	-0.27	2.50e-05	9.87e-05	2.02e-06
1181	3	-3.12e-03	0.09	-0.20	1.88e-05	7.41e-05	1.55e-06
1181	4	-2.83e-03	0.08	-0.17	1.59e-05	6.21e-05	1.49e-06
1181	5	-2.83e-03	0.08	-0.17	1.59e-05	6.21e-05	1.49e-06
1182	1	-3.59e-03	0.11	-0.27	7.02e-05	1.21e-04	1.68e-05
1182	3	-2.71e-03	0.09	-0.20	5.27e-05	9.08e-05	1.27e-05
1182	4	-2.49e-03	0.07	-0.17	4.38e-05	7.65e-05	1.10e-05
1182	5	-2.49e-03	0.07	-0.17	4.38e-05	7.65e-05	1.10e-05
1183	1	-9.16e-03	0.11	-0.26	7.62e-05	6.61e-05	3.36e-05
1183	3	-6.89e-03	0.08	-0.20	5.70e-05	4.99e-05	2.52e-05
1183	4	-6.03e-03	0.07	-0.17	4.62e-05	4.21e-05	2.16e-05
1183	5	-6.03e-03	0.07	-0.17	4.62e-05	4.21e-05	2.16e-05
1184	1	-0.02	0.10	-0.25	1.29e-04	9.63e-06	3.84e-05
1184	3	-0.01	0.08	-0.19	9.64e-05	7.49e-06	2.91e-05
1184	4	-0.01	0.07	-0.16	7.91e-05	6.47e-06	2.49e-05
1184	5	-0.01	0.07	-0.16	7.91e-05	6.47e-06	2.49e-05
1185	1	-0.01	0.09	-0.23	2.60e-04	9.92e-05	3.00e-05
1185	3	-0.01	0.07	-0.18	1.95e-04	7.46e-05	2.25e-05
1185	4	-8.70e-03	0.06	-0.15	1.62e-04	6.38e-05	1.95e-05
1185	5	-8.70e-03	0.06	-0.15	1.62e-04	6.38e-05	1.95e-05
1186	1	0.01	0.13	-0.09	-1.24e-04	-1.17e-04	1.81e-05

1186	3	9.82e-03	0.10	-0.07	-9.30e-05	-8.78e-05	1.36e-05
1186	4	8.46e-03	0.08	-0.06	-7.86e-05	-7.52e-05	1.17e-05
1186	5	8.46e-03	0.08	-0.06	-7.86e-05	-7.52e-05	1.17e-05
1187	1	0.02	0.13	-0.12	-1.06e-04	-1.03e-04	1.91e-05
1187	3	0.01	0.10	-0.09	-7.94e-05	-7.77e-05	1.44e-05
1187	4	0.01	0.08	-0.08	-6.73e-05	-6.65e-05	1.23e-05
1187	5	0.01	0.08	-0.08	-6.73e-05	-6.65e-05	1.23e-05
1188	1	0.01	0.13	-0.13	-8.55e-05	-1.21e-04	1.99e-05
1188	3	0.01	0.10	-0.10	-6.40e-05	-9.14e-05	1.50e-05
1188	4	9.30e-03	0.08	-0.09	-5.43e-05	-7.80e-05	1.29e-05
1188	5	9.30e-03	0.08	-0.09	-5.43e-05	-7.80e-05	1.29e-05
1189	1	4.26e-03	0.13	-0.14	-6.69e-05	-1.51e-04	2.16e-05
1189	3	3.23e-03	0.10	-0.10	-5.00e-05	-1.13e-04	1.62e-05
1189	4	2.81e-03	0.08	-0.09	-4.25e-05	-9.63e-05	1.40e-05
1189	5	2.81e-03	0.08	-0.09	-4.25e-05	-9.63e-05	1.40e-05
1190	1	1.50e-03	0.13	-0.14	-5.13e-05	-1.49e-04	2.17e-05
1190	3	1.16e-03	0.10	-0.11	-3.83e-05	-1.12e-04	1.64e-05
1190	4	1.03e-03	0.08	-0.09	-3.27e-05	-9.50e-05	1.41e-05
1190	5	1.03e-03	0.08	-0.09	-3.27e-05	-9.50e-05	1.41e-05
1191	1	6.88e-03	0.13	-0.14	-3.78e-05	-1.25e-04	2.08e-05
1191	3	5.20e-03	0.10	-0.11	-2.82e-05	-9.38e-05	1.57e-05
1191	4	4.43e-03	0.08	-0.09	-2.43e-05	-8.00e-05	1.35e-05
1191	5	4.43e-03	0.08	-0.09	-2.43e-05	-8.00e-05	1.35e-05
1192	1	4.06e-03	0.13	-0.14	-2.55e-05	-1.39e-04	2.00e-05
1192	3	3.07e-03	0.10	-0.11	-1.90e-05	-1.04e-04	1.51e-05
1192	4	2.60e-03	0.08	-0.09	-1.66e-05	-8.92e-05	1.30e-05
1192	5	2.60e-03	0.08	-0.09	-1.66e-05	-8.92e-05	1.30e-05
1193	1	-7.09e-03	0.12	-0.14	-1.51e-05	-1.73e-04	2.17e-05
1193	3	-5.31e-03	0.09	-0.11	-1.11e-05	-1.30e-04	1.63e-05
1193	4	-4.55e-03	0.08	-0.09	-1.01e-05	-1.11e-04	1.41e-05
1193	5	-4.55e-03	0.08	-0.09	-1.01e-05	-1.11e-04	1.41e-05
1194	1	-9.75e-03	0.12	-0.14	-6.25e-06	-1.77e-04	2.20e-05
1194	3	-7.32e-03	0.09	-0.11	-4.56e-06	-1.33e-04	1.65e-05
1194	4	-6.26e-03	0.08	-0.09	-4.58e-06	-1.13e-04	1.43e-05
1194	5	-6.26e-03	0.08	-0.09	-4.58e-06	-1.13e-04	1.43e-05
1195	1	-3.23e-03	0.12	-0.15	2.56e-06	-1.56e-04	2.17e-05
1195	3	-2.42e-03	0.09	-0.11	2.03e-06	-1.17e-04	1.63e-05
1195	4	-2.14e-03	0.08	-0.10	0.0	-9.96e-05	1.41e-05
1195	5	-2.14e-03	0.08	-0.10	0.0	-9.96e-05	1.41e-05
1196	1	-5.72e-03	0.12	-0.16	1.37e-05	-1.75e-04	2.34e-05
1196	3	-4.30e-03	0.09	-0.12	1.04e-05	-1.32e-04	1.76e-05
1196	4	-3.75e-03	0.08	-0.11	7.77e-06	-1.12e-04	1.52e-05
1196	5	-3.75e-03	0.08	-0.11	7.77e-06	-1.12e-04	1.52e-05
1197	1	-0.01	0.12	-0.17	2.92e-05	-1.98e-04	2.55e-05
1197	3	-9.42e-03	0.09	-0.13	2.20e-05	-1.49e-04	1.92e-05
1197	4	-8.08e-03	0.08	-0.11	1.75e-05	-1.26e-04	1.65e-05
1197	5	-8.08e-03	0.08	-0.11	1.75e-05	-1.26e-04	1.65e-05
1198	1	-0.01	0.12	-0.17	4.60e-05	-1.84e-04	2.64e-05
1198	3	-0.01	0.09	-0.13	3.46e-05	-1.38e-04	1.99e-05
1198	4	-9.04e-03	0.08	-0.11	2.80e-05	-1.17e-04	1.71e-05
1198	5	-9.04e-03	0.08	-0.11	2.80e-05	-1.17e-04	1.71e-05
1199	1	-0.02	0.12	-0.16	5.96e-05	-1.74e-04	2.71e-05
1199	3	-0.01	0.09	-0.12	4.48e-05	-1.31e-04	2.04e-05
1199	4	-0.01	0.08	-0.10	3.65e-05	-1.11e-04	1.76e-05
1199	5	-0.01	0.08	-0.10	3.65e-05	-1.11e-04	1.76e-05
1200	1	-0.01	0.12	-0.15	7.15e-05	-1.29e-04	2.81e-05
1200	3	-9.79e-03	0.09	-0.11	5.37e-05	-9.67e-05	2.12e-05
1200	4	-8.49e-03	0.08	-0.10	4.38e-05	-8.27e-05	1.82e-05
1200	5	-8.49e-03	0.08	-0.10	4.38e-05	-8.27e-05	1.82e-05
1201	1	-0.02	0.12	-0.15	8.59e-05	-1.14e-04	2.94e-05
1201	3	-0.01	0.09	-0.11	6.45e-05	-8.54e-05	2.21e-05
1201	4	-0.01	0.08	-0.10	5.27e-05	-7.30e-05	1.91e-05
1201	5	-0.01	0.08	-0.10	5.27e-05	-7.30e-05	1.91e-05
1202	1	-0.03	0.12	-0.14	1.02e-04	-1.15e-04	3.05e-05
1202	3	-0.02	0.09	-0.11	7.68e-05	-8.62e-05	2.30e-05
1202	4	-0.02	0.08	-0.09	6.30e-05	-7.36e-05	1.98e-05
1202	5	-0.02	0.08	-0.09	6.30e-05	-7.36e-05	1.98e-05
1203	1	0.02	0.16	-0.13	-2.78e-04	8.03e-05	3.80e-05
1203	3	0.02	0.12	-0.10	-2.09e-04	6.04e-05	2.86e-05
1203	4	0.01	0.10	-0.08	-1.76e-04	5.16e-05	2.45e-05
1203	5	0.01	0.10	-0.08	-1.76e-04	5.16e-05	2.45e-05
1204	1	0.01	0.16	-0.15	-3.41e-04	-4.22e-06	5.78e-05
1204	3	9.55e-03	0.12	-0.11	-2.56e-04	-3.13e-06	4.35e-05
1204	4	8.20e-03	0.10	-0.10	-2.14e-04	-2.59e-06	3.74e-05
1204	5	8.20e-03	0.10	-0.10	-2.14e-04	-2.59e-06	3.74e-05
1205	1	5.32e-03	0.15	-0.16	-2.53e-04	-1.21e-05	1.60e-04
1205	3	4.03e-03	0.11	-0.12	-1.90e-04	-9.15e-06	1.21e-04

1205	4	3.52e-03	0.10	-0.10	-1.58e-04	-7.55e-06	1.03e-04
1205	5	3.52e-03	0.10	-0.10	-1.58e-04	-7.55e-06	1.03e-04
1206	1	0.01	0.15	-0.17	-2.05e-04	1.28e-04	1.28e-04
1206	3	0.01	0.11	-0.12	-1.54e-04	9.14e-05	9.63e-05
1206	4	8.73e-03	0.09	-0.11	-1.28e-04	7.76e-05	8.20e-05
1206	5	8.73e-03	0.09	-0.11	-1.28e-04	7.76e-05	8.20e-05
1207	1	0.02	0.14	-0.17	-1.85e-04	1.27e-04	3.25e-05
1207	3	0.01	0.11	-0.13	-1.39e-04	9.55e-05	2.45e-05
1207	4	0.01	0.09	-0.11	-1.16e-04	8.09e-05	2.12e-05
1207	5	0.01	0.09	-0.11	-1.16e-04	8.09e-05	2.12e-05
1208	1	1.69e-03	0.14	-0.17	-1.71e-04	-1.06e-05	7.66e-05
1208	3	1.31e-03	0.10	-0.13	-1.28e-04	-7.81e-06	5.77e-05
1208	4	1.11e-03	0.09	-0.11	-1.07e-04	-6.60e-06	4.94e-05
1208	5	1.11e-03	0.09	-0.11	-1.07e-04	-6.60e-06	4.94e-05
1209	1	-6.06e-03	0.14	-0.17	-1.70e-04	-1.36e-05	1.79e-04
1209	3	-4.54e-03	0.10	-0.13	-1.27e-04	-1.35e-05	1.35e-04
1209	4	-3.92e-03	0.09	-0.11	-1.06e-04	-8.94e-06	1.15e-04
1209	5	-3.92e-03	0.09	-0.11	-1.06e-04	-8.94e-06	1.15e-04
1210	1	1.66e-03	0.14	-0.17	-1.95e-04	1.21e-04	1.36e-04
1210	3	1.26e-03	0.10	-0.13	-1.47e-04	9.06e-05	1.02e-04
1210	4	9.95e-04	0.09	-0.11	-1.22e-04	7.68e-05	8.72e-05
1210	5	9.95e-04	0.09	-0.11	-1.22e-04	7.68e-05	8.72e-05
1211	1	3.16e-03	0.14	-0.18	-2.34e-04	1.16e-04	2.66e-05
1211	3	2.39e-03	0.11	-0.13	-1.75e-04	8.69e-05	2.00e-05
1211	4	1.93e-03	0.09	-0.11	-1.47e-04	7.36e-05	1.74e-05
1211	5	1.93e-03	0.09	-0.11	-1.47e-04	7.36e-05	1.74e-05
1212	1	-0.01	0.14	-0.18	-2.56e-04	-3.65e-05	7.63e-05
1212	3	-8.87e-03	0.11	-0.14	-1.92e-04	-2.74e-05	5.76e-05
1212	4	-7.62e-03	0.09	-0.12	-1.62e-04	-4.92e-05	4.92e-05
1212	5	-7.62e-03	0.09	-0.12	-1.62e-04	-4.92e-05	4.92e-05
1213	1	-0.02	0.14	-0.19	-2.34e-04	-4.98e-05	1.28e-04
1213	3	-0.01	0.10	-0.15	-1.76e-04	-3.74e-05	9.59e-05
1213	4	-0.01	0.09	-0.12	-1.48e-04	-3.19e-05	8.13e-05
1213	5	-0.01	0.09	-0.12	-1.48e-04	-3.19e-05	8.13e-05
1214	1	-0.01	0.13	-0.20	-1.47e-04	4.72e-05	1.00e-04
1214	3	-8.87e-03	0.10	-0.15	-1.10e-04	3.54e-05	7.55e-05
1214	4	-7.70e-03	0.08	-0.13	-9.16e-05	2.94e-05	6.41e-05
1214	5	-7.70e-03	0.08	-0.13	-9.16e-05	2.94e-05	6.41e-05
1215	1	-0.01	0.12	-0.19	-8.22e-05	6.71e-05	1.20e-04
1215	3	-8.69e-03	0.09	-0.14	-6.15e-05	5.03e-05	9.07e-05
1215	4	-7.55e-03	0.08	-0.12	-5.01e-05	4.22e-05	7.72e-05
1215	5	-7.55e-03	0.08	-0.12	-5.01e-05	4.22e-05	7.72e-05
1216	1	-7.84e-03	0.12	-0.18	-8.78e-05	9.12e-05	3.76e-05
1216	3	-5.92e-03	0.09	-0.14	-6.58e-05	6.85e-05	2.85e-05
1216	4	-5.23e-03	0.08	-0.12	-5.47e-05	5.77e-05	2.47e-05
1216	5	-5.23e-03	0.08	-0.12	-5.47e-05	5.77e-05	2.47e-05
1217	1	-0.02	0.12	-0.18	-8.98e-05	-1.92e-05	8.46e-05
1217	3	-0.01	0.09	-0.13	-6.75e-05	-1.41e-05	6.38e-05
1217	4	-0.01	0.08	-0.11	-5.71e-05	-1.20e-05	5.47e-05
1217	5	-0.01	0.08	-0.11	-5.71e-05	-1.20e-05	5.47e-05
1218	1	-0.03	0.11	-0.17	-3.42e-05	-4.61e-06	1.74e-04
1218	3	-0.02	0.08	-0.13	-2.59e-05	-3.38e-06	1.31e-04
1218	4	-0.02	0.07	-0.11	-2.26e-05	-2.74e-06	1.12e-04
1218	5	-0.02	0.07	-0.11	-2.26e-05	-2.74e-06	1.12e-04
1219	1	0.02	0.14	-0.13	-2.78e-04	8.03e-05	3.80e-05
1219	3	0.01	0.11	-0.09	-2.09e-04	6.04e-05	2.86e-05
1219	4	0.01	0.09	-0.08	-1.76e-04	5.16e-05	2.45e-05
1219	5	0.01	0.09	-0.08	-1.76e-04	5.16e-05	2.45e-05
1220	1	0.01	0.14	-0.15	-3.41e-04	-4.22e-06	5.78e-05
1220	3	9.74e-03	0.11	-0.11	-2.56e-04	-3.13e-06	4.35e-05
1220	4	8.36e-03	0.09	-0.09	-2.14e-04	-2.59e-06	3.74e-05
1220	5	8.36e-03	0.09	-0.09	-2.14e-04	-2.59e-06	3.74e-05
1221	1	6.05e-03	0.14	-0.16	-2.53e-04	-1.21e-05	1.60e-04
1221	3	4.58e-03	0.10	-0.12	-1.90e-04	-9.15e-06	1.21e-04
1221	4	3.97e-03	0.09	-0.10	-1.58e-04	-7.55e-06	1.03e-04
1221	5	3.97e-03	0.09	-0.10	-1.58e-04	-7.55e-06	1.03e-04
1222	1	6.26e-03	0.13	-0.16	-2.05e-04	1.22e-04	1.28e-04
1222	3	4.73e-03	0.10	-0.12	-1.54e-04	9.14e-05	9.63e-05
1222	4	4.07e-03	0.09	-0.10	-1.28e-04	7.76e-05	8.20e-05
1222	5	4.07e-03	0.09	-0.10	-1.28e-04	7.76e-05	8.20e-05
1223	1	8.07e-03	0.13	-0.16	-1.85e-04	1.27e-04	3.25e-05
1223	3	6.09e-03	0.10	-0.12	-1.39e-04	9.55e-05	2.45e-05
1223	4	5.19e-03	0.08	-0.10	-1.16e-04	8.09e-05	2.12e-05
1223	5	5.19e-03	0.08	-0.10	-1.16e-04	8.09e-05	2.12e-05
1224	1	2.33e-03	0.13	-0.16	-1.71e-04	-1.06e-05	7.66e-05
1224	3	1.78e-03	0.10	-0.12	-1.28e-04	-7.81e-06	5.77e-05
1224	4	1.51e-03	0.08	-0.10	-1.07e-04	-6.60e-06	4.94e-05

1224	5	1.51e-03	0.08	-0.10	-1.07e-04	-6.60e-06	4.94e-05
1225	1	-5.25e-03	0.13	-0.16	-1.70e-04	-1.36e-05	1.79e-04
1225	3	-3.93e-03	0.10	-0.12	-1.27e-04	-1.02e-05	1.35e-04
1225	4	-3.38e-03	0.08	-0.10	-1.06e-04	-8.94e-06	1.15e-04
1225	5	-3.38e-03	0.08	-0.10	-1.06e-04	-8.94e-06	1.15e-04
1226	1	-5.58e-03	0.13	-0.16	-1.95e-04	1.21e-04	1.36e-04
1226	3	-4.18e-03	0.10	-0.12	-1.47e-04	9.06e-05	1.02e-04
1226	4	-3.61e-03	0.08	-0.10	-1.22e-04	7.68e-05	8.72e-05
1226	5	-3.61e-03	0.08	-0.10	-1.22e-04	7.68e-05	8.72e-05
1227	1	-3.78e-03	0.13	-0.17	-2.34e-04	1.16e-04	2.66e-05
1227	3	-2.83e-03	0.09	-0.13	-1.75e-04	8.69e-05	2.00e-05
1227	4	-2.49e-03	0.08	-0.11	-1.47e-04	7.36e-05	1.74e-05
1227	5	-2.49e-03	0.08	-0.11	-1.47e-04	7.36e-05	1.74e-05
1228	1	-9.62e-03	0.12	-0.18	-2.56e-04	-3.65e-05	7.63e-05
1228	3	-7.22e-03	0.09	-0.13	-1.92e-04	-2.74e-05	5.76e-05
1228	4	-6.23e-03	0.08	-0.11	-1.62e-04	-2.32e-05	4.92e-05
1228	5	-6.23e-03	0.08	-0.11	-1.62e-04	-2.32e-05	4.92e-05
1229	1	-0.02	0.12	-0.19	-2.34e-04	-4.98e-05	1.28e-04
1229	3	-0.01	0.09	-0.14	-1.76e-04	-3.74e-05	9.59e-05
1229	4	-9.92e-03	0.08	-0.12	-1.48e-04	-3.19e-05	8.13e-05
1229	5	-9.92e-03	0.08	-0.12	-1.48e-04	-3.19e-05	8.13e-05
1230	1	-0.01	0.12	-0.19	-1.47e-04	4.72e-05	1.00e-04
1230	3	-0.01	0.09	-0.14	-1.10e-04	3.54e-05	7.55e-05
1230	4	-9.46e-03	0.08	-0.12	-9.16e-05	2.94e-05	6.41e-05
1230	5	-9.46e-03	0.08	-0.12	-9.16e-05	2.94e-05	6.41e-05
1231	1	-0.02	0.11	-0.18	-8.22e-05	6.71e-05	1.20e-04
1231	3	-0.01	0.09	-0.14	-6.15e-05	5.03e-05	9.07e-05
1231	4	-0.01	0.07	-0.12	-5.01e-05	4.22e-05	7.72e-05
1231	5	-0.01	0.07	-0.12	-5.01e-05	4.22e-05	7.72e-05
1232	1	-0.01	0.11	-0.18	-8.78e-05	9.12e-05	3.76e-05
1232	3	-0.01	0.09	-0.13	-6.58e-05	6.85e-05	2.85e-05
1232	4	-8.70e-03	0.07	-0.11	-5.47e-05	5.77e-05	2.47e-05
1232	5	-8.70e-03	0.07	-0.11	-5.47e-05	5.77e-05	2.47e-05
1233	1	-0.02	0.11	-0.17	-8.98e-05	-1.92e-05	8.46e-05
1233	3	-0.01	0.08	-0.13	-6.75e-05	-1.41e-05	6.38e-05
1233	4	-0.01	0.07	-0.11	-5.71e-05	-1.20e-05	5.47e-05
1233	5	-0.01	0.07	-0.11	-5.71e-05	-1.20e-05	5.47e-05
1234	1	-0.03	0.11	-0.16	-3.42e-05	-4.61e-06	1.74e-04
1234	3	-0.02	0.08	-0.12	-2.59e-05	-3.38e-06	1.31e-04
1234	4	-0.02	0.07	-0.10	-2.26e-05	-2.74e-06	1.12e-04
1234	5	-0.02	0.07	-0.10	-2.26e-05	-2.74e-06	1.12e-04
1235	1	0.02	0.13	-0.12	-2.68e-04	-3.75e-05	-3.25e-05
1235	3	0.01	0.10	-0.09	-2.01e-04	-2.82e-05	-2.44e-05
1235	4	9.78e-03	0.08	-0.08	-1.70e-04	-2.42e-05	-2.05e-05
1235	5	9.78e-03	0.08	-0.08	-1.70e-04	-2.42e-05	-2.05e-05
1236	1	0.02	0.13	-0.14	-1.35e-04	-7.54e-05	2.54e-05
1236	3	0.01	0.10	-0.10	-1.02e-04	-5.67e-05	1.91e-05
1236	4	0.01	0.08	-0.09	-8.60e-05	-4.84e-05	1.66e-05
1236	5	0.01	0.08	-0.09	-8.60e-05	-4.84e-05	1.66e-05
1237	1	9.48e-03	0.13	-0.15	-4.26e-05	-9.24e-05	1.16e-04
1237	3	7.16e-03	0.10	-0.11	-3.19e-05	-6.95e-05	8.73e-05
1237	4	6.16e-03	0.08	-0.10	-2.67e-05	-5.91e-05	7.43e-05
1237	5	6.16e-03	0.08	-0.10	-2.67e-05	-5.91e-05	7.43e-05
1238	1	3.21e-03	0.13	-0.15	-9.78e-06	-5.53e-05	3.79e-05
1238	3	2.44e-03	0.10	-0.12	-7.34e-06	-4.16e-05	2.85e-05
1238	4	2.13e-03	0.08	-0.10	-6.35e-06	-3.54e-05	2.44e-05
1238	5	2.13e-03	0.08	-0.10	-6.35e-06	-3.54e-05	2.44e-05
1239	1	4.50e-03	0.13	-0.15	0.0	-4.55e-05	-5.29e-05
1239	3	3.41e-03	0.10	-0.12	0.0	-3.41e-05	-3.97e-05
1239	4	2.92e-03	0.08	-0.10	-1.17e-06	-2.92e-05	-3.34e-05
1239	5	2.92e-03	0.08	-0.10	-1.17e-06	-2.92e-05	-3.34e-05
1240	1	5.62e-03	0.13	-0.16	1.56e-05	-8.95e-05	3.47e-05
1240	3	4.24e-03	0.10	-0.12	1.16e-05	-6.71e-05	2.62e-05
1240	4	3.61e-03	0.08	-0.10	9.48e-06	-5.73e-05	2.24e-05
1240	5	3.61e-03	0.08	-0.10	9.48e-06	-5.73e-05	2.24e-05
1241	1	-1.33e-03	0.13	-0.16	2.36e-05	-1.06e-04	1.28e-04
1241	3	-9.87e-04	0.09	-0.12	1.77e-05	-7.94e-05	9.62e-05
1241	4	-8.58e-04	0.08	-0.10	1.49e-05	-6.78e-05	8.21e-05
1241	5	-8.58e-04	0.08	-0.10	1.49e-05	-6.78e-05	8.21e-05
1242	1	-8.06e-03	0.12	-0.16	-1.20e-05	-7.18e-05	3.75e-05
1242	3	-6.05e-03	0.09	-0.12	-9.06e-06	-5.40e-05	2.82e-05
1242	4	-5.18e-03	0.08	-0.10	-8.23e-06	-4.61e-05	2.41e-05
1242	5	-5.18e-03	0.08	-0.10	-8.23e-06	-4.61e-05	2.41e-05
1243	1	-6.16e-03	0.12	-0.16	-5.79e-05	-6.84e-05	-6.51e-05
1243	3	-4.62e-03	0.09	-0.12	-4.37e-05	-5.14e-05	-4.89e-05
1243	4	-3.99e-03	0.08	-0.10	-3.80e-05	-4.39e-05	-4.12e-05
1243	5	-3.99e-03	0.08	-0.10	-3.80e-05	-4.39e-05	-4.12e-05

1244	1	-4.31e-03	0.12	-0.17	-8.44e-05	-1.20e-04	3.12e-05
1244	3	-3.23e-03	0.09	-0.13	-6.36e-05	-9.04e-05	2.36e-05
1244	4	-2.84e-03	0.08	-0.11	-5.50e-05	-7.69e-05	2.02e-05
1244	5	-2.84e-03	0.08	-0.11	-5.50e-05	-7.69e-05	2.02e-05
1245	1	-8.96e-03	0.12	-0.18	-7.24e-05	-1.39e-04	7.97e-05
1245	3	-6.73e-03	0.09	-0.14	-5.46e-05	-1.04e-04	5.98e-05
1245	4	-5.80e-03	0.08	-0.12	-4.73e-05	-8.87e-05	5.06e-05
1245	5	-5.80e-03	0.08	-0.12	-4.73e-05	-8.87e-05	5.06e-05
1246	1	-0.01	0.12	-0.18	6.23e-05	-1.08e-04	2.26e-05
1246	3	-9.77e-03	0.09	-0.14	4.67e-05	-8.13e-05	1.70e-05
1246	4	-8.38e-03	0.08	-0.12	3.94e-05	-6.94e-05	1.47e-05
1246	5	-8.38e-03	0.08	-0.12	3.94e-05	-6.94e-05	1.47e-05
1247	1	-0.02	0.12	-0.18	1.40e-04	-9.34e-05	3.95e-05
1247	3	-0.01	0.09	-0.13	1.05e-04	-7.02e-05	2.99e-05
1247	4	-9.83e-03	0.08	-0.11	8.94e-05	-6.00e-05	2.56e-05
1247	5	-9.83e-03	0.08	-0.11	8.94e-05	-6.00e-05	2.56e-05
1248	1	-0.01	0.12	-0.17	8.78e-05	-6.77e-05	-3.84e-05
1248	3	-0.01	0.09	-0.13	6.58e-05	-5.10e-05	-2.86e-05
1248	4	-9.56e-03	0.08	-0.11	5.44e-05	-4.37e-05	-2.38e-05
1248	5	-9.56e-03	0.08	-0.11	5.44e-05	-4.37e-05	-2.38e-05
1249	1	-0.02	0.12	-0.16	7.13e-05	-8.59e-05	5.23e-05
1249	3	-0.01	0.09	-0.12	5.32e-05	-6.45e-05	3.93e-05
1249	4	-9.85e-03	0.08	-0.11	4.26e-05	-5.51e-05	3.38e-05
1249	5	-9.85e-03	0.08	-0.11	4.26e-05	-5.51e-05	3.38e-05
1250	1	-0.02	0.12	-0.16	1.36e-04	-7.60e-05	1.38e-04
1250	3	-0.02	0.09	-0.12	1.02e-04	-5.71e-05	1.04e-04
1250	4	-0.02	0.08	-0.10	8.30e-05	-4.87e-05	8.85e-05
1250	5	-0.02	0.08	-0.10	8.30e-05	-4.87e-05	8.85e-05
1251	1	-0.02	0.13	-0.25	1.86e-05	-1.55e-04	1.98e-05
1251	3	-0.02	0.10	-0.18	1.40e-05	-1.17e-04	1.50e-05
1251	4	-0.01	0.09	-0.16	1.26e-05	-9.94e-05	1.28e-05
1251	5	-0.01	0.09	-0.16	1.26e-05	-9.94e-05	1.28e-05
1252	1	5.54e-03	0.15	-0.22	-2.37e-04	-1.02e-05	3.73e-05
1252	3	4.20e-03	0.12	-0.16	-1.78e-04	-7.72e-06	2.81e-05
1252	4	3.67e-03	0.10	-0.14	-1.50e-04	-6.60e-06	2.39e-05
1252	5	3.67e-03	0.10	-0.14	-1.50e-04	-6.60e-06	2.39e-05
1253	1	1.94e-03	0.15	-0.23	-1.13e-04	-8.68e-05	4.14e-05
1253	3	1.49e-03	0.11	-0.17	-8.44e-05	-6.53e-05	3.12e-05
1253	4	1.35e-03	0.10	-0.15	-7.02e-05	-5.54e-05	2.67e-05
1253	5	1.35e-03	0.10	-0.15	-7.02e-05	-5.54e-05	2.67e-05
1254	1	-1.42e-03	0.15	-0.24	-6.20e-05	-1.63e-04	3.19e-05
1254	3	-1.04e-03	0.11	-0.18	-4.66e-05	-1.23e-04	2.40e-05
1254	4	-8.16e-04	0.09	-0.15	-3.90e-05	-1.04e-04	2.06e-05
1254	5	-8.16e-04	0.09	-0.15	-3.90e-05	-1.04e-04	2.06e-05
1255	1	-3.83e-03	0.14	-0.24	-4.55e-05	-8.95e-05	2.32e-05
1255	3	-2.85e-03	0.11	-0.18	-3.43e-05	-6.72e-05	1.74e-05
1255	4	-2.38e-03	0.09	-0.16	-2.95e-05	-5.71e-05	1.51e-05
1255	5	-2.38e-03	0.09	-0.16	-2.95e-05	-5.71e-05	1.51e-05
1256	1	-0.02	0.13	-0.24	6.15e-06	-2.57e-04	1.49e-05
1256	3	-0.02	0.10	-0.18	4.58e-06	-1.93e-04	1.12e-05
1256	4	-0.01	0.09	-0.16	3.82e-06	-1.64e-04	9.69e-06
1256	5	-0.01	0.09	-0.16	3.82e-06	-1.64e-04	9.69e-06
1257	1	-0.02	0.13	-0.24	-5.09e-06	-2.39e-04	6.77e-06
1257	3	-0.02	0.10	-0.18	-4.06e-06	-1.80e-04	5.18e-06
1257	4	-0.02	0.09	-0.16	-4.79e-06	-1.53e-04	4.66e-06
1257	5	-0.02	0.09	-0.16	-4.79e-06	-1.53e-04	4.66e-06
1258	1	-0.02	0.13	-0.25	-8.82e-06	-1.18e-04	1.14e-05
1258	3	-0.02	0.10	-0.18	-7.04e-06	-8.88e-05	8.68e-06
1258	4	-0.02	0.08	-0.16	-8.84e-06	-7.55e-05	7.65e-06
1258	5	-0.02	0.08	-0.16	-8.84e-06	-7.55e-05	7.65e-06
1259	1	-0.03	0.13	-0.25	4.59e-05	-1.04e-05	1.50e-05
1259	3	-0.02	0.10	-0.19	3.41e-05	-7.76e-06	1.14e-05
1259	4	-0.02	0.08	-0.16	2.55e-05	-6.64e-06	1.01e-05
1259	5	-0.02	0.08	-0.16	2.55e-05	-6.64e-06	1.01e-05
1260	1	-6.28e-03	0.14	-0.25	-1.30e-05	-1.55e-05	3.26e-05
1260	3	-4.69e-03	0.11	-0.18	-9.77e-06	-1.16e-05	2.47e-05
1260	4	-3.98e-03	0.09	-0.16	-8.48e-06	-1.01e-05	2.13e-05
1260	5	-3.98e-03	0.09	-0.16	-8.48e-06	-1.01e-05	2.13e-05
1261	1	-9.79e-03	0.14	-0.24	2.45e-05	-9.38e-05	4.35e-05
1261	3	-7.34e-03	0.10	-0.18	1.86e-05	-7.05e-05	3.27e-05
1261	4	-6.26e-03	0.09	-0.16	1.63e-05	-6.00e-05	2.81e-05
1261	5	-6.26e-03	0.09	-0.16	1.63e-05	-6.00e-05	2.81e-05
1262	1	8.40e-03	0.16	-0.19	-3.71e-04	-6.90e-05	2.75e-05
1262	3	6.36e-03	0.12	-0.14	-2.78e-04	-5.19e-05	2.07e-05
1262	4	5.51e-03	0.10	-0.12	-2.35e-04	-4.42e-05	1.78e-05
1262	5	5.51e-03	0.10	-0.12	-2.35e-04	-4.42e-05	1.78e-05
1263	1	-0.01	0.14	-0.24	4.54e-06	-1.75e-04	3.75e-05

1263	3	-0.01	0.10	-0.18	3.40e-06	-1.32e-04	2.82e-05
1263	4	-8.68e-03	0.09	-0.15	3.03e-06	-1.12e-04	2.41e-05
1263	5	-8.68e-03	0.09	-0.15	3.03e-06	-1.12e-04	2.41e-05
1264	1	-0.02	0.14	-0.24	-2.77e-05	-1.13e-04	2.34e-05
1264	3	-0.01	0.10	-0.18	-2.09e-05	-8.50e-05	1.75e-05
1264	4	-0.01	0.09	-0.16	-1.81e-05	-7.22e-05	1.51e-05
1264	5	-0.01	0.09	-0.16	-1.81e-05	-7.22e-05	1.51e-05
1265	1	-0.02	0.13	-0.25	-2.06e-05	-5.32e-05	3.31e-05
1265	3	-0.01	0.10	-0.19	-1.54e-05	-3.97e-05	2.50e-05
1265	4	-0.01	0.09	-0.16	-1.30e-05	-3.38e-05	2.16e-05
1265	5	-0.01	0.09	-0.16	-1.30e-05	-3.38e-05	2.16e-05
1266	1	-0.03	0.12	-0.24	1.56e-04	-2.35e-05	3.22e-05
1266	3	-0.02	0.09	-0.18	1.17e-04	-1.77e-05	2.41e-05
1266	4	-0.02	0.08	-0.15	9.50e-05	-1.49e-05	2.08e-05
1266	5	-0.02	0.08	-0.15	9.50e-05	-1.49e-05	2.08e-05
1267	1	0.01	0.13	-0.18	-3.63e-04	2.23e-05	9.64e-05
1267	3	8.03e-03	0.10	-0.14	-2.73e-04	1.68e-05	7.25e-05
1267	4	6.93e-03	0.09	-0.12	-2.30e-04	1.43e-05	6.19e-05
1267	5	6.93e-03	0.09	-0.12	-2.30e-04	1.43e-05	6.19e-05
1268	1	4.57e-03	0.14	-0.21	-2.31e-04	4.08e-05	3.68e-05
1268	3	3.48e-03	0.10	-0.16	-1.74e-04	3.07e-05	2.77e-05
1268	4	3.05e-03	0.09	-0.13	-1.47e-04	2.62e-05	2.36e-05
1268	5	3.05e-03	0.09	-0.13	-1.47e-04	2.62e-05	2.36e-05
1269	1	5.04e-03	0.14	-0.22	-9.09e-05	1.90e-05	-4.58e-05
1269	3	3.82e-03	0.11	-0.17	-6.80e-05	1.42e-05	-3.44e-05
1269	4	3.32e-03	0.09	-0.14	-5.60e-05	1.23e-05	-2.89e-05
1269	5	3.32e-03	0.09	-0.14	-5.60e-05	1.23e-05	-2.89e-05
1270	1	5.83e-03	0.14	-0.23	-5.86e-05	-4.75e-06	2.97e-05
1270	3	4.41e-03	0.11	-0.17	-4.40e-05	-3.54e-06	2.24e-05
1270	4	3.80e-03	0.09	-0.15	-3.69e-05	-2.82e-06	1.92e-05
1270	5	3.80e-03	0.09	-0.15	-3.69e-05	-2.82e-06	1.92e-05
1271	1	-6.53e-04	0.14	-0.23	-5.88e-05	2.02e-05	1.13e-04
1271	3	-4.64e-04	0.11	-0.18	-4.43e-05	1.53e-05	8.49e-05
1271	4	-3.61e-04	0.09	-0.15	-3.82e-05	1.31e-05	7.22e-05
1271	5	-3.61e-04	0.09	-0.15	-3.82e-05	1.31e-05	7.22e-05
1272	1	-7.16e-03	0.14	-0.24	-1.90e-05	4.46e-05	3.04e-05
1272	3	-5.36e-03	0.11	-0.18	-1.43e-05	3.36e-05	2.30e-05
1272	4	-4.53e-03	0.09	-0.15	-1.25e-05	2.85e-05	1.96e-05
1272	5	-4.53e-03	0.09	-0.15	-1.25e-05	2.85e-05	1.96e-05
1273	1	-6.30e-03	0.14	-0.24	4.33e-05	1.55e-05	-4.77e-05
1273	3	-4.72e-03	0.10	-0.18	3.29e-05	1.17e-05	-3.59e-05
1273	4	-4.02e-03	0.09	-0.15	2.87e-05	9.84e-06	-2.98e-05
1273	5	-4.02e-03	0.09	-0.15	2.87e-05	9.84e-06	-2.98e-05
1274	1	-5.38e-03	0.14	-0.23	5.71e-06	-1.90e-05	3.00e-05
1274	3	-4.03e-03	0.10	-0.18	4.24e-06	-1.42e-05	2.25e-05
1274	4	-3.47e-03	0.09	-0.15	3.76e-06	-1.21e-05	1.93e-05
1274	5	-3.47e-03	0.09	-0.15	3.76e-06	-1.21e-05	1.93e-05
1275	1	-0.01	0.14	-0.23	-4.07e-05	-5.91e-06	1.02e-04
1275	3	-8.50e-03	0.10	-0.18	-3.07e-05	-4.32e-06	7.67e-05
1275	4	-7.28e-03	0.09	-0.15	-2.67e-05	-3.62e-06	6.53e-05
1275	5	-7.28e-03	0.09	-0.15	-2.67e-05	-3.62e-06	6.53e-05
1276	1	-0.02	0.13	-0.24	-2.83e-05	7.72e-06	2.47e-05
1276	3	-0.01	0.10	-0.18	-2.11e-05	5.97e-06	1.87e-05
1276	4	-0.01	0.09	-0.15	-1.80e-05	5.09e-06	1.60e-05
1276	5	-0.01	0.09	-0.15	-1.80e-05	5.09e-06	1.60e-05
1277	1	-0.01	0.13	-0.24	3.76e-05	-2.93e-05	-9.16e-05
1277	3	-0.01	0.10	-0.18	2.83e-05	-2.20e-05	-6.90e-05
1277	4	-8.95e-03	0.09	-0.15	2.49e-05	-1.88e-05	-5.85e-05
1277	5	-8.95e-03	0.09	-0.15	2.49e-05	-1.88e-05	-5.85e-05
1278	1	-0.01	0.13	-0.24	5.60e-06	-6.02e-05	1.23e-05
1278	3	-7.67e-03	0.10	-0.18	4.19e-06	-4.53e-05	9.29e-06
1278	4	-6.61e-03	0.09	-0.15	3.50e-06	-3.87e-05	8.09e-06
1278	5	-6.61e-03	0.09	-0.15	3.50e-06	-3.87e-05	8.09e-06
1279	1	-0.01	0.13	-0.24	-2.52e-06	-4.63e-05	3.29e-05
1279	3	-9.25e-03	0.10	-0.18	-2.12e-06	-3.49e-05	2.49e-05
1279	4	-7.98e-03	0.09	-0.15	-3.05e-06	-2.97e-05	2.14e-05
1279	5	-7.98e-03	0.09	-0.15	-3.05e-06	-2.97e-05	2.14e-05
1280	1	-0.02	0.13	-0.24	-2.39e-05	1.92e-06	1.25e-04
1280	3	-0.01	0.10	-0.18	-1.84e-05	1.50e-06	9.41e-05
1280	4	-0.01	0.08	-0.15	-1.87e-05	1.29e-06	8.03e-05
1280	5	-0.01	0.08	-0.15	-1.87e-05	1.29e-06	8.03e-05
1281	1	-0.03	0.13	-0.24	2.99e-05	4.09e-05	2.45e-05
1281	3	-0.02	0.10	-0.18	2.21e-05	3.08e-05	1.84e-05
1281	4	-0.02	0.08	-0.15	1.54e-05	2.63e-05	1.61e-05
1281	5	-0.02	0.08	-0.15	1.54e-05	2.63e-05	1.61e-05
1282	1	-0.03	0.13	-0.23	1.38e-04	3.17e-05	1.32e-06
1282	3	-0.02	0.10	-0.17	1.03e-04	2.38e-05	0.0

1282	4	-0.02	0.09	-0.15	8.40e-05	2.04e-05	1.32e-06
1282	5	-0.02	0.09	-0.15	8.40e-05	2.04e-05	1.32e-06
1283	1	4.26e-03	0.18	-0.20	-3.71e-04	-6.90e-05	2.75e-05
1283	3	3.25e-03	0.14	-0.15	-2.78e-04	-5.19e-05	2.07e-05
1283	4	2.86e-03	0.12	-0.13	-2.35e-04	-4.42e-05	1.78e-05
1283	5	2.86e-03	0.12	-0.13	-2.35e-04	-4.42e-05	1.78e-05
1284	1	4.92e-03	0.17	-0.22	-2.37e-04	-1.02e-05	3.73e-05
1284	3	3.74e-03	0.13	-0.17	-1.78e-04	-7.72e-06	2.81e-05
1284	4	3.27e-03	0.11	-0.14	-1.50e-04	-6.60e-06	2.39e-05
1284	5	3.27e-03	0.11	-0.14	-1.50e-04	-6.60e-06	2.39e-05
1285	1	-3.27e-03	0.16	-0.24	-1.13e-04	-8.68e-05	4.14e-05
1285	3	-2.43e-03	0.12	-0.18	-8.44e-05	-6.53e-05	3.12e-05
1285	4	-1.97e-03	0.10	-0.15	-7.02e-05	-5.54e-05	2.67e-05
1285	5	-1.97e-03	0.10	-0.15	-7.02e-05	-5.54e-05	2.67e-05
1286	1	-0.01	0.15	-0.24	-6.20e-05	-1.63e-04	3.19e-05
1286	3	-8.40e-03	0.11	-0.18	-4.66e-05	-1.23e-04	2.40e-05
1286	4	-7.06e-03	0.10	-0.16	-3.90e-05	-1.04e-04	2.06e-05
1286	5	-7.06e-03	0.10	-0.16	-3.90e-05	-1.04e-04	2.06e-05
1287	1	-9.20e-03	0.15	-0.25	-4.55e-05	-8.95e-05	2.32e-05
1287	3	-6.88e-03	0.11	-0.19	-3.43e-05	-7.22e-05	1.74e-05
1287	4	-5.80e-03	0.09	-0.16	-2.95e-05	-5.71e-05	1.51e-05
1287	5	-5.80e-03	0.09	-0.16	-2.95e-05	-5.71e-05	1.51e-05
1288	1	-7.21e-03	0.14	-0.25	-1.30e-05	-1.55e-05	3.26e-05
1288	3	-5.39e-03	0.11	-0.19	-9.77e-06	-1.16e-05	2.47e-05
1288	4	-4.58e-03	0.09	-0.16	-8.48e-06	-1.01e-05	2.13e-05
1288	5	-4.58e-03	0.09	-0.16	-8.48e-06	-1.01e-05	2.13e-05
1289	1	-0.02	0.14	-0.25	2.45e-05	-9.38e-05	4.35e-05
1289	3	-0.01	0.10	-0.19	1.86e-05	-7.05e-05	3.27e-05
1289	4	-9.86e-03	0.09	-0.16	1.63e-05	-6.00e-05	2.81e-05
1289	5	-9.86e-03	0.09	-0.16	1.63e-05	-6.00e-05	2.81e-05
1290	1	-0.02	0.14	-0.25	4.54e-06	-1.75e-04	3.75e-05
1290	3	-0.02	0.10	-0.19	3.40e-06	-1.32e-04	2.82e-05
1290	4	-0.02	0.09	-0.16	3.03e-06	-1.12e-04	2.41e-05
1290	5	-0.02	0.09	-0.16	3.03e-06	-1.12e-04	2.41e-05
1291	1	-0.02	0.14	-0.25	-2.77e-05	-1.13e-04	2.34e-05
1291	3	-0.02	0.10	-0.19	-2.09e-05	-8.50e-05	1.75e-05
1291	4	-0.01	0.09	-0.16	-1.81e-05	-7.22e-05	1.51e-05
1291	5	-0.01	0.09	-0.16	-1.81e-05	-7.22e-05	1.51e-05
1292	1	-0.02	0.14	-0.25	-2.06e-05	-5.32e-05	3.31e-05
1292	3	-0.02	0.10	-0.19	-1.54e-05	-3.97e-05	2.50e-05
1292	4	-0.01	0.09	-0.16	-1.30e-05	-3.38e-05	2.16e-05
1292	5	-0.01	0.09	-0.16	-1.30e-05	-3.38e-05	2.16e-05
1293	1	-0.03	0.13	-0.25	1.86e-05	-1.55e-04	1.98e-05
1293	3	-0.02	0.10	-0.19	1.40e-05	-1.17e-04	1.50e-05
1293	4	-0.02	0.09	-0.16	1.26e-05	-9.94e-05	1.28e-05
1293	5	-0.02	0.09	-0.16	1.26e-05	-9.94e-05	1.28e-05
1294	1	-0.04	0.13	-0.25	6.15e-06	-2.57e-04	1.49e-05
1294	3	-0.03	0.10	-0.19	4.58e-06	-1.93e-04	1.12e-05
1294	4	-0.02	0.09	-0.16	3.82e-06	-1.64e-04	9.69e-06
1294	5	-0.02	0.09	-0.16	3.82e-06	-1.64e-04	9.69e-06
1295	1	-0.04	0.13	-0.25	-5.09e-06	-2.39e-04	6.77e-06
1295	3	-0.03	0.10	-0.19	-4.06e-06	-1.80e-04	5.18e-06
1295	4	-0.02	0.09	-0.16	-4.79e-06	-1.53e-04	4.66e-06
1295	5	-0.02	0.09	-0.16	-4.79e-06	-1.53e-04	4.66e-06
1296	1	-0.03	0.13	-0.25	-8.82e-06	-1.18e-04	1.14e-05
1296	3	-0.02	0.10	-0.19	-7.04e-06	-8.88e-05	8.68e-06
1296	4	-0.02	0.08	-0.16	-8.84e-06	-7.55e-05	7.65e-06
1296	5	-0.02	0.08	-0.16	-8.84e-06	-7.55e-05	7.65e-06
1297	1	-0.03	0.12	-0.25	4.59e-05	-1.04e-05	1.50e-05
1297	3	-0.02	0.09	-0.19	3.41e-05	-7.76e-06	1.14e-05
1297	4	-0.02	0.08	-0.16	2.55e-05	-6.64e-06	1.01e-05
1297	5	-0.02	0.08	-0.16	2.55e-05	-6.64e-06	1.01e-05
1298	1	-0.03	0.11	-0.24	1.56e-04	-2.35e-05	3.22e-05
1298	3	-0.02	0.09	-0.18	1.17e-04	-1.77e-05	2.41e-05
1298	4	-0.02	0.07	-0.16	9.50e-05	-1.49e-05	2.08e-05
1298	5	-0.02	0.07	-0.16	9.50e-05	-1.49e-05	2.08e-05
1299	1	0.02	0.14	-0.09	-1.26e-04	1.30e-04	2.63e-05
1299	3	0.01	0.11	-0.07	-9.57e-05	9.75e-05	1.98e-05
1299	4	9.94e-03	0.09	-0.06	-8.03e-05	8.34e-05	1.70e-05
1299	5	9.94e-03	0.09	-0.06	-8.03e-05	8.34e-05	1.70e-05
1300	1	6.21e-03	0.14	-0.12	-1.08e-04	1.06e-04	2.53e-05
1300	3	4.71e-03	0.11	-0.09	-8.21e-05	7.98e-05	1.91e-05
1300	4	4.10e-03	0.09	-0.08	-6.89e-05	6.83e-05	1.64e-05
1300	5	4.10e-03	0.09	-0.08	-6.89e-05	6.83e-05	1.64e-05
1301	1	2.89e-03	0.14	-0.13	-8.77e-05	1.20e-04	2.43e-05
1301	3	2.21e-03	0.11	-0.10	-6.67e-05	9.00e-05	1.83e-05
1301	4	1.97e-03	0.09	-0.09	-5.60e-05	7.71e-05	1.57e-05

1301	5	1.97e-03	0.09	-0.09	-5.60e-05	7.71e-05	1.57e-05
1302	1	7.54e-03	0.15	-0.14	-6.89e-05	1.40e-04	2.42e-05
1302	3	5.70e-03	0.11	-0.10	-5.26e-05	1.05e-04	1.82e-05
1302	4	4.90e-03	0.09	-0.09	-4.41e-05	8.96e-05	1.57e-05
1302	5	4.90e-03	0.09	-0.09	-4.41e-05	8.96e-05	1.57e-05
1303	1	4.87e-03	0.14	-0.14	-5.29e-05	1.44e-04	2.36e-05
1303	3	3.69e-03	0.11	-0.11	-4.06e-05	1.08e-04	1.77e-05
1303	4	3.17e-03	0.09	-0.09	-3.40e-05	9.22e-05	1.52e-05
1303	5	3.17e-03	0.09	-0.09	-3.40e-05	9.22e-05	1.52e-05
1304	1	-5.82e-03	0.14	-0.14	-3.87e-05	1.28e-04	2.17e-05
1304	3	-4.35e-03	0.11	-0.11	-2.99e-05	9.63e-05	1.63e-05
1304	4	-3.67e-03	0.09	-0.09	-2.51e-05	8.22e-05	1.40e-05
1304	5	-3.67e-03	0.09	-0.09	-2.51e-05	8.22e-05	1.40e-05
1305	1	-8.55e-03	0.14	-0.14	-2.49e-05	1.32e-04	2.13e-05
1305	3	-6.41e-03	0.11	-0.11	-1.96e-05	9.98e-05	1.60e-05
1305	4	-5.43e-03	0.09	-0.09	-1.64e-05	8.50e-05	1.38e-05
1305	5	-5.43e-03	0.09	-0.09	-1.64e-05	8.50e-05	1.38e-05
1306	1	-3.70e-03	0.14	-0.14	-1.13e-05	1.34e-04	2.24e-05
1306	3	-2.76e-03	0.11	-0.11	-9.44e-06	1.01e-04	1.68e-05
1306	4	-2.39e-03	0.09	-0.09	-7.91e-06	8.58e-05	1.45e-05
1306	5	-2.39e-03	0.09	-0.09	-7.91e-06	8.58e-05	1.45e-05
1307	1	-6.34e-03	0.14	-0.14	2.00e-06	1.20e-04	2.28e-05
1307	3	-4.75e-03	0.11	-0.11	0.0	9.01e-05	1.71e-05
1307	4	-4.09e-03	0.09	-0.09	0.0	7.67e-05	1.48e-05
1307	5	-4.09e-03	0.09	-0.09	0.0	7.67e-05	1.48e-05
1308	1	-0.02	0.14	-0.14	1.62e-05	9.40e-05	2.25e-05
1308	3	-0.01	0.10	-0.11	1.11e-05	7.08e-05	1.69e-05
1308	4	-0.01	0.09	-0.09	9.41e-06	6.06e-05	1.46e-05
1308	5	-0.01	0.09	-0.09	9.41e-06	6.06e-05	1.46e-05
1309	1	-0.02	0.14	-0.14	3.19e-05	8.95e-05	2.38e-05
1309	3	-0.01	0.10	-0.11	2.29e-05	6.74e-05	1.79e-05
1309	4	-0.01	0.09	-0.09	1.93e-05	5.76e-05	1.54e-05
1309	5	-0.01	0.09	-0.09	1.93e-05	5.76e-05	1.54e-05
1310	1	-9.22e-03	0.13	-0.14	4.72e-05	1.06e-04	2.51e-05
1310	3	-6.93e-03	0.10	-0.10	3.44e-05	7.99e-05	1.89e-05
1310	4	-5.97e-03	0.09	-0.09	2.90e-05	6.80e-05	1.63e-05
1310	5	-5.97e-03	0.09	-0.09	2.90e-05	6.80e-05	1.63e-05
1311	1	-0.01	0.13	-0.14	6.26e-05	1.08e-04	2.58e-05
1311	3	-7.75e-03	0.10	-0.10	4.59e-05	8.13e-05	1.94e-05
1311	4	-6.69e-03	0.09	-0.09	3.87e-05	6.91e-05	1.67e-05
1311	5	-6.69e-03	0.09	-0.09	3.87e-05	6.91e-05	1.67e-05
1312	1	-0.01	0.13	-0.14	7.77e-05	1.26e-04	2.61e-05
1312	3	-0.01	0.10	-0.11	5.72e-05	9.48e-05	1.96e-05
1312	4	-8.73e-03	0.08	-0.09	4.82e-05	8.07e-05	1.69e-05
1312	5	-8.73e-03	0.08	-0.09	4.82e-05	8.07e-05	1.69e-05
1313	1	-0.03	0.13	-0.15	9.27e-05	1.12e-04	2.55e-05
1313	3	-0.02	0.09	-0.11	6.84e-05	8.44e-05	1.92e-05
1313	4	-0.02	0.08	-0.10	5.76e-05	7.22e-05	1.66e-05
1313	5	-0.02	0.08	-0.10	5.76e-05	7.22e-05	1.66e-05
1314	1	-0.03	0.12	-0.16	1.09e-04	1.11e-04	2.46e-05
1314	3	-0.02	0.09	-0.12	8.09e-05	8.32e-05	1.85e-05
1314	4	-0.02	0.08	-0.10	6.80e-05	7.11e-05	1.60e-05
1314	5	-0.02	0.08	-0.10	6.80e-05	7.11e-05	1.60e-05
1315	1	-0.03	0.12	-0.18	1.24e-04	7.35e-05	2.36e-05
1315	3	-0.02	0.09	-0.13	9.22e-05	5.54e-05	1.78e-05
1315	4	-0.02	0.08	-0.11	7.74e-05	4.72e-05	1.54e-05
1315	5	-0.02	0.08	-0.11	7.74e-05	4.72e-05	1.54e-05
1316	1	-0.02	0.14	-0.16	0.0	-1.24e-04	2.40e-05
1316	3	-0.01	0.10	-0.12	0.0	-9.32e-05	1.79e-05
1316	4	-0.01	0.09	-0.10	0.0	-7.91e-05	1.55e-05
1316	5	-0.01	0.09	-0.10	0.0	-7.91e-05	1.55e-05
1317	1	-0.02	0.14	-0.16	5.39e-06	-6.59e-05	3.17e-05
1317	3	-0.01	0.10	-0.12	4.06e-06	-4.93e-05	2.40e-05
1317	4	-0.01	0.09	-0.10	3.62e-06	-4.20e-05	2.07e-05
1317	5	-0.01	0.09	-0.10	3.62e-06	-4.20e-05	2.07e-05
1318	1	-0.02	0.14	-0.16	1.96e-05	-1.65e-04	2.00e-05
1318	3	-0.02	0.10	-0.12	1.48e-05	-1.24e-04	1.51e-05
1318	4	-0.01	0.09	-0.10	1.29e-05	-1.06e-04	1.29e-05
1318	5	-0.01	0.09	-0.10	1.29e-05	-1.06e-04	1.29e-05
1319	1	-0.02	0.13	-0.16	-2.43e-06	-2.64e-04	1.63e-05
1319	3	-0.02	0.10	-0.12	-1.85e-06	-1.99e-04	1.23e-05
1319	4	-0.01	0.09	-0.10	-1.71e-06	-1.69e-04	1.07e-05
1319	5	-0.01	0.09	-0.10	-1.71e-06	-1.69e-04	1.07e-05
1320	1	-0.02	0.13	-0.16	-3.86e-05	-2.49e-04	7.90e-06
1320	3	-0.02	0.10	-0.12	-2.92e-05	-1.87e-04	6.04e-06
1320	4	-0.02	0.09	-0.10	-2.58e-05	-1.59e-04	5.42e-06
1320	5	-0.02	0.09	-0.10	-2.58e-05	-1.59e-04	5.42e-06

1321	1	-0.02	0.13	-0.16	-8.15e-05	-1.32e-04	1.31e-05
1321	3	-0.02	0.10	-0.12	-6.17e-05	-9.94e-05	9.95e-06
1321	4	-0.02	0.09	-0.11	-5.47e-05	-8.47e-05	8.70e-06
1321	5	-0.02	0.09	-0.11	-5.47e-05	-8.47e-05	8.70e-06
1322	1	-0.03	0.13	-0.17	-1.20e-04	-2.73e-05	1.50e-05
1322	3	-0.02	0.10	-0.13	-9.05e-05	-2.05e-05	1.14e-05
1322	4	-0.02	0.09	-0.11	-8.06e-05	-1.75e-05	1.01e-05
1322	5	-0.02	0.09	-0.11	-8.06e-05	-1.75e-05	1.01e-05
1323	1	-0.03	0.13	-0.19	-1.22e-04	-3.85e-05	3.43e-05
1323	3	-0.02	0.10	-0.14	-9.24e-05	-2.90e-05	2.57e-05
1323	4	-0.02	0.09	-0.12	-8.35e-05	-2.45e-05	2.21e-05
1323	5	-0.02	0.09	-0.12	-8.35e-05	-2.45e-05	2.21e-05
1324	1	8.29e-03	0.16	-0.13	-2.80e-04	-8.13e-05	2.57e-05
1324	3	6.27e-03	0.12	-0.09	-2.10e-04	-6.11e-05	1.94e-05
1324	4	5.44e-03	0.10	-0.08	-1.77e-04	-5.21e-05	1.67e-05
1324	5	5.44e-03	0.10	-0.08	-1.77e-04	-5.21e-05	1.67e-05
1325	1	5.59e-03	0.16	-0.15	-1.70e-04	-2.16e-05	3.57e-05
1325	3	4.24e-03	0.12	-0.11	-1.28e-04	-1.62e-05	2.69e-05
1325	4	3.71e-03	0.10	-0.09	-1.08e-04	-1.39e-05	2.30e-05
1325	5	3.71e-03	0.10	-0.09	-1.08e-04	-1.39e-05	2.30e-05
1326	1	2.05e-03	0.15	-0.16	-7.61e-05	-9.56e-05	4.16e-05
1326	3	1.58e-03	0.11	-0.12	-5.71e-05	-7.19e-05	3.13e-05
1326	4	1.43e-03	0.10	-0.10	-4.78e-05	-6.10e-05	2.68e-05
1326	5	1.43e-03	0.10	-0.10	-4.78e-05	-6.10e-05	2.68e-05
1327	1	-1.34e-03	0.15	-0.16	-3.37e-05	-1.71e-04	3.22e-05
1327	3	-9.73e-04	0.11	-0.12	-2.53e-05	-1.28e-04	2.42e-05
1327	4	-7.61e-04	0.10	-0.10	-2.12e-05	-1.09e-04	2.08e-05
1327	5	-7.61e-04	0.10	-0.10	-2.12e-05	-1.09e-04	2.08e-05
1328	1	-3.76e-03	0.15	-0.16	-1.67e-05	-9.96e-05	2.34e-05
1328	3	-2.79e-03	0.11	-0.12	-1.26e-05	-7.48e-05	1.75e-05
1328	4	-2.33e-03	0.09	-0.10	-1.08e-05	-6.36e-05	1.52e-05
1328	5	-2.33e-03	0.09	-0.10	-1.08e-05	-6.36e-05	1.52e-05
1329	1	-6.23e-03	0.14	-0.16	1.37e-06	-2.90e-05	3.33e-05
1329	3	-4.65e-03	0.11	-0.12	1.03e-06	-2.17e-05	2.52e-05
1329	4	-3.95e-03	0.09	-0.10	0.0	-1.88e-05	2.18e-05
1329	5	-3.95e-03	0.09	-0.10	0.0	-1.88e-05	2.18e-05
1330	1	-9.79e-03	0.14	-0.16	1.32e-05	-1.06e-04	4.36e-05
1330	3	-7.34e-03	0.11	-0.12	9.95e-06	-7.95e-05	3.28e-05
1330	4	-6.26e-03	0.09	-0.10	8.63e-06	-6.78e-05	2.81e-05
1330	5	-6.26e-03	0.09	-0.10	8.63e-06	-6.78e-05	2.81e-05
1331	1	-0.01	0.14	-0.16	8.09e-06	-1.84e-04	3.69e-05
1331	3	-0.01	0.11	-0.12	6.09e-06	-1.39e-04	2.78e-05
1331	4	-8.68e-03	0.09	-0.10	5.28e-06	-1.18e-04	2.38e-05
1331	5	-8.68e-03	0.09	-0.10	5.28e-06	-1.18e-04	2.38e-05
1332	1	0.01	0.14	-0.12	-2.70e-04	4.27e-05	9.55e-05
1332	3	7.86e-03	0.11	-0.09	-2.03e-04	3.22e-05	7.19e-05
1332	4	6.79e-03	0.09	-0.08	-1.71e-04	2.76e-05	6.13e-05
1332	5	6.79e-03	0.09	-0.08	-1.71e-04	2.76e-05	6.13e-05
1333	1	4.38e-03	0.14	-0.14	-1.65e-04	6.53e-05	3.68e-05
1333	3	3.33e-03	0.11	-0.11	-1.24e-04	4.91e-05	2.77e-05
1333	4	2.92e-03	0.09	-0.09	-1.04e-04	4.21e-05	2.36e-05
1333	5	2.92e-03	0.09	-0.09	-1.04e-04	4.21e-05	2.36e-05
1334	1	4.79e-03	0.15	-0.15	-6.71e-05	4.37e-05	-4.47e-05
1334	3	3.64e-03	0.11	-0.11	-5.03e-05	3.28e-05	-3.35e-05
1334	4	3.16e-03	0.09	-0.10	-4.20e-05	2.82e-05	-2.81e-05
1334	5	3.16e-03	0.09	-0.10	-4.20e-05	2.82e-05	-2.81e-05
1335	1	5.53e-03	0.15	-0.15	-3.27e-05	1.82e-05	2.98e-05
1335	3	4.19e-03	0.11	-0.12	-2.45e-05	1.37e-05	2.24e-05
1335	4	3.61e-03	0.09	-0.10	-2.06e-05	1.20e-05	1.93e-05
1335	5	3.61e-03	0.09	-0.10	-2.06e-05	1.20e-05	1.93e-05
1336	1	-9.16e-04	0.14	-0.16	-2.08e-05	4.59e-05	1.12e-04
1336	3	-6.62e-04	0.11	-0.12	-1.57e-05	3.46e-05	8.40e-05
1336	4	-5.30e-04	0.09	-0.10	-1.35e-05	2.96e-05	7.15e-05
1336	5	-5.30e-04	0.09	-0.10	-1.35e-05	2.96e-05	7.15e-05
1337	1	-7.40e-03	0.14	-0.16	0.0	7.36e-05	3.06e-05
1337	3	-5.54e-03	0.11	-0.12	0.0	5.55e-05	2.31e-05
1337	4	-4.69e-03	0.09	-0.10	0.0	4.72e-05	1.97e-05
1337	5	-4.69e-03	0.09	-0.10	0.0	4.72e-05	1.97e-05
1338	1	-6.57e-03	0.14	-0.15	1.61e-05	4.20e-05	-4.67e-05
1338	3	-4.92e-03	0.11	-0.12	1.22e-05	3.17e-05	-3.51e-05
1338	4	-4.20e-03	0.09	-0.10	1.07e-05	2.70e-05	-2.92e-05
1338	5	-4.20e-03	0.09	-0.10	1.07e-05	2.70e-05	-2.92e-05
1339	1	-5.68e-03	0.14	-0.15	8.41e-06	4.00e-06	2.99e-05
1339	3	-4.26e-03	0.11	-0.12	6.32e-06	3.08e-06	2.25e-05
1339	4	-3.66e-03	0.09	-0.10	5.48e-06	2.76e-06	1.92e-05
1339	5	-3.66e-03	0.09	-0.10	5.48e-06	2.76e-06	1.92e-05
1340	1	-0.01	0.14	-0.15	-4.11e-06	1.87e-05	1.01e-04

1340	3	-8.70e-03	0.10	-0.12	-3.11e-06	1.42e-05	7.59e-05
1340	4	-7.45e-03	0.09	-0.10	-2.71e-06	1.22e-05	6.46e-05
1340	5	-7.45e-03	0.09	-0.10	-2.71e-06	1.22e-05	6.46e-05
1341	1	-0.02	0.14	-0.15	1.23e-06	3.61e-05	2.46e-05
1341	3	-0.01	0.10	-0.12	0.0	2.73e-05	1.86e-05
1341	4	-0.01	0.09	-0.10	0.0	2.34e-05	1.60e-05
1341	5	-0.01	0.09	-0.10	0.0	2.34e-05	1.60e-05
1342	1	-0.01	0.14	-0.15	2.75e-05	-2.46e-06	-9.02e-05
1342	3	-0.01	0.10	-0.11	2.07e-05	-1.76e-06	-6.79e-05
1342	4	-9.13e-03	0.09	-0.10	1.80e-05	-1.47e-06	-5.76e-05
1342	5	-9.13e-03	0.09	-0.10	1.80e-05	-1.47e-06	-5.76e-05
1343	1	-0.01	0.13	-0.15	-2.90e-06	-3.80e-05	1.24e-05
1343	3	-7.91e-03	0.10	-0.11	-2.20e-06	-2.86e-05	9.37e-06
1343	4	-6.82e-03	0.09	-0.10	-1.99e-06	-2.43e-05	8.17e-06
1343	5	-6.82e-03	0.09	-0.10	-1.99e-06	-2.43e-05	8.17e-06
1344	1	-0.01	0.13	-0.15	-3.75e-05	-2.54e-05	3.29e-05
1344	3	-9.50e-03	0.10	-0.11	-2.84e-05	-1.91e-05	2.49e-05
1344	4	-8.18e-03	0.08	-0.10	-2.51e-05	-1.63e-05	2.14e-05
1344	5	-8.18e-03	0.08	-0.10	-2.51e-05	-1.63e-05	2.14e-05
1345	1	-0.02	0.13	-0.16	-7.99e-05	2.35e-05	1.24e-04
1345	3	-0.01	0.10	-0.12	-6.04e-05	1.77e-05	9.32e-05
1345	4	-0.01	0.08	-0.10	-5.36e-05	1.51e-05	7.95e-05
1345	5	-0.01	0.08	-0.10	-5.36e-05	1.51e-05	7.95e-05
1346	1	-0.03	0.12	-0.17	-1.21e-04	6.18e-05	2.44e-05
1346	3	-0.02	0.09	-0.13	-9.15e-05	4.65e-05	1.84e-05
1346	4	-0.02	0.08	-0.11	-8.14e-05	3.97e-05	1.60e-05
1346	5	-0.02	0.08	-0.11	-8.14e-05	3.97e-05	1.60e-05
1347	1	-0.03	0.12	-0.18	-1.68e-04	4.30e-05	1.32e-06
1347	3	-0.02	0.09	-0.14	-1.27e-04	3.24e-05	0.0
1347	4	-0.02	0.08	-0.12	-1.13e-04	2.77e-05	1.31e-06
1347	5	-0.02	0.08	-0.12	-1.13e-04	2.77e-05	1.31e-06
1348	1	3.41e-03	0.18	-0.13	-2.80e-04	-8.13e-05	2.57e-05
1348	3	2.61e-03	0.13	-0.10	-2.10e-04	-1.94e-05	1.94e-05
1348	4	2.31e-03	0.11	-0.08	-1.77e-04	-5.21e-05	1.67e-05
1348	5	2.31e-03	0.11	-0.08	-1.77e-04	-5.21e-05	1.67e-05
1349	1	4.30e-03	0.17	-0.15	-1.70e-04	-2.16e-05	3.57e-05
1349	3	3.27e-03	0.13	-0.11	-1.28e-04	-1.62e-05	2.69e-05
1349	4	2.87e-03	0.11	-0.10	-1.08e-04	-1.39e-05	2.30e-05
1349	5	2.87e-03	0.11	-0.10	-1.08e-04	-1.39e-05	2.30e-05
1350	1	-3.68e-03	0.16	-0.16	-7.61e-05	-9.56e-05	4.16e-05
1350	3	-2.74e-03	0.12	-0.12	-5.71e-05	-7.19e-05	3.13e-05
1350	4	-2.23e-03	0.10	-0.10	-4.78e-05	-6.10e-05	2.68e-05
1350	5	-2.23e-03	0.10	-0.10	-4.78e-05	-6.10e-05	2.68e-05
1351	1	-0.01	0.15	-0.17	-3.37e-05	-1.71e-04	3.22e-05
1351	3	-8.67e-03	0.11	-0.13	-2.53e-05	-1.28e-04	2.42e-05
1351	4	-7.29e-03	0.10	-0.11	-2.12e-05	-1.09e-04	2.08e-05
1351	5	-7.29e-03	0.10	-0.11	-2.12e-05	-1.09e-04	2.08e-05
1352	1	-9.73e-03	0.15	-0.17	-1.67e-05	-9.96e-05	2.34e-05
1352	3	-7.28e-03	0.11	-0.13	-1.26e-05	-7.48e-05	1.75e-05
1352	4	-6.15e-03	0.10	-0.11	-1.08e-05	-6.36e-05	1.52e-05
1352	5	-6.15e-03	0.10	-0.11	-1.08e-05	-6.36e-05	1.52e-05
1353	1	-7.97e-03	0.14	-0.17	1.37e-06	-2.90e-05	3.33e-05
1353	3	-5.96e-03	0.11	-0.13	1.03e-06	-2.17e-05	2.52e-05
1353	4	-5.07e-03	0.09	-0.11	0.0	-1.88e-05	2.18e-05
1353	5	-5.07e-03	0.09	-0.11	0.0	-1.88e-05	2.18e-05
1354	1	-0.02	0.14	-0.17	1.32e-05	-1.06e-04	4.36e-05
1354	3	-0.01	0.11	-0.13	9.95e-06	-7.95e-05	3.28e-05
1354	4	-0.01	0.09	-0.11	8.63e-06	-6.78e-05	2.81e-05
1354	5	-0.01	0.09	-0.11	8.63e-06	-6.78e-05	2.81e-05
1355	1	-0.02	0.14	-0.17	8.09e-06	-1.84e-04	3.69e-05
1355	3	-0.02	0.11	-0.12	6.09e-06	-1.39e-04	2.78e-05
1355	4	-0.02	0.09	-0.11	5.28e-06	-1.18e-04	2.38e-05
1355	5	-0.02	0.09	-0.11	5.28e-06	-1.18e-04	2.38e-05
1356	1	-0.02	0.14	-0.17	0.0	-1.24e-04	2.40e-05
1356	3	-0.02	0.10	-0.12	0.0	-9.32e-05	1.79e-05
1356	4	-0.02	0.09	-0.11	0.0	-7.91e-05	1.55e-05
1356	5	-0.02	0.09	-0.11	0.0	-7.91e-05	1.55e-05
1357	1	-0.02	0.14	-0.17	5.39e-06	-6.59e-05	3.17e-05
1357	3	-0.02	0.10	-0.12	4.06e-06	-4.93e-05	2.40e-05
1357	4	-0.01	0.09	-0.11	3.62e-06	-4.20e-05	2.07e-05
1357	5	-0.01	0.09	-0.11	3.62e-06	-4.20e-05	2.07e-05
1358	1	-0.03	0.13	-0.16	1.96e-05	-1.65e-04	2.00e-05
1358	3	-0.02	0.10	-0.12	1.48e-05	-1.24e-04	1.51e-05
1358	4	-0.02	0.09	-0.11	1.29e-05	-1.06e-04	1.29e-05
1358	5	-0.02	0.09	-0.11	1.29e-05	-1.06e-04	1.29e-05
1359	1	-0.04	0.13	-0.16	-2.43e-06	-2.64e-04	1.63e-05
1359	3	-0.03	0.10	-0.12	-1.85e-06	-1.99e-04	1.23e-05

1359	4	-0.02	0.09	-0.10	-1.71e-06	-1.69e-04	1.07e-05
1359	5	-0.02	0.09	-0.10	-1.71e-06	-1.69e-04	1.07e-05
1360	1	-0.04	0.14	-0.16	-3.86e-05	-2.49e-04	7.90e-06
1360	3	-0.03	0.10	-0.12	-2.92e-05	-1.87e-04	6.04e-06
1360	4	-0.03	0.09	-0.11	-2.58e-05	-1.59e-04	5.42e-06
1360	5	-0.03	0.09	-0.11	-2.58e-05	-1.59e-04	5.42e-06
1361	1	-0.03	0.14	-0.17	-8.15e-05	-1.32e-04	1.31e-05
1361	3	-0.02	0.10	-0.13	-6.17e-05	-9.94e-05	9.95e-06
1361	4	-0.02	0.09	-0.11	-5.47e-05	-8.47e-05	8.70e-06
1361	5	-0.02	0.09	-0.11	-5.47e-05	-8.47e-05	8.70e-06
1362	1	-0.03	0.14	-0.18	-1.20e-04	-2.73e-05	1.50e-05
1362	3	-0.02	0.10	-0.14	-9.05e-05	-2.05e-05	1.14e-05
1362	4	-0.02	0.09	-0.12	-8.06e-05	-1.75e-05	1.01e-05
1362	5	-0.02	0.09	-0.12	-8.06e-05	-1.75e-05	1.01e-05
1363	1	-0.03	0.14	-0.19	-1.22e-04	-3.85e-05	3.43e-05
1363	3	-0.02	0.10	-0.14	-9.24e-05	-2.90e-05	2.57e-05
1363	4	-0.02	0.09	-0.12	-8.35e-05	-2.45e-05	2.21e-05
1363	5	-0.02	0.09	-0.12	-8.35e-05	-2.45e-05	2.21e-05
1364	1	0.01	0.13	-0.20	-3.38e-04	2.43e-05	8.54e-06
1364	3	9.19e-03	0.10	-0.15	-2.54e-04	1.82e-05	6.46e-06
1364	4	7.92e-03	0.08	-0.13	-2.13e-04	1.54e-05	5.70e-06
1364	5	7.92e-03	0.08	-0.13	-2.13e-04	1.54e-05	5.70e-06
1365	1	0.01	0.13	-0.23	-2.54e-04	1.78e-05	2.89e-05
1365	3	7.90e-03	0.10	-0.17	-1.90e-04	1.33e-05	2.18e-05
1365	4	6.81e-03	0.09	-0.15	-1.60e-04	1.13e-05	1.87e-05
1365	5	6.81e-03	0.09	-0.15	-1.60e-04	1.13e-05	1.87e-05
1366	1	6.39e-03	0.13	-0.25	-1.81e-04	3.11e-05	6.01e-05
1366	3	4.84e-03	0.10	-0.19	-1.36e-04	2.34e-05	4.52e-05
1366	4	4.19e-03	0.09	-0.16	-1.14e-04	1.98e-05	3.86e-05
1366	5	4.19e-03	0.09	-0.16	-1.14e-04	1.98e-05	3.86e-05
1367	1	2.26e-03	0.14	-0.26	-6.89e-05	4.41e-05	3.07e-05
1367	3	1.73e-03	0.10	-0.20	-5.18e-05	3.31e-05	2.31e-05
1367	4	1.53e-03	0.09	-0.17	-4.34e-05	2.81e-05	1.99e-05
1367	5	1.53e-03	0.09	-0.17	-4.34e-05	2.81e-05	1.99e-05
1368	1	9.75e-04	0.14	-0.26	1.21e-05	3.31e-05	-1.90e-06
1368	3	7.61e-04	0.10	-0.20	8.98e-06	2.50e-05	-1.38e-06
1368	4	6.82e-04	0.09	-0.17	7.12e-06	2.11e-05	0.0
1368	5	6.82e-04	0.09	-0.17	7.12e-06	2.11e-05	0.0
1369	1	-3.26e-04	0.13	-0.26	-1.54e-05	2.04e-05	3.14e-05
1369	3	-2.26e-04	0.10	-0.20	-1.15e-05	1.54e-05	2.37e-05
1369	4	-1.79e-04	0.09	-0.17	-9.82e-06	1.28e-05	2.04e-05
1369	5	-1.79e-04	0.09	-0.17	-9.82e-06	1.28e-05	2.04e-05
1370	1	-4.73e-03	0.13	-0.26	-4.66e-05	2.81e-05	6.65e-05
1370	3	-3.54e-03	0.10	-0.20	-3.49e-05	2.11e-05	5.00e-05
1370	4	-3.02e-03	0.09	-0.17	-2.91e-05	1.76e-05	4.29e-05
1370	5	-3.02e-03	0.09	-0.17	-2.91e-05	1.76e-05	4.29e-05
1371	1	-9.06e-03	0.13	-0.27	-1.90e-05	3.18e-05	3.02e-05
1371	3	-6.79e-03	0.10	-0.20	-1.43e-05	2.39e-05	2.27e-05
1371	4	-5.81e-03	0.09	-0.17	-1.22e-05	2.00e-05	1.94e-05
1371	5	-5.81e-03	0.09	-0.17	-1.22e-05	2.00e-05	1.94e-05
1372	1	-9.74e-03	0.13	-0.27	2.59e-06	8.61e-06	-1.31e-05
1372	3	-7.31e-03	0.10	-0.20	1.79e-06	6.52e-06	-9.82e-06
1372	4	-6.26e-03	0.08	-0.17	0.0	5.33e-06	-8.10e-06
1372	5	-6.26e-03	0.08	-0.17	0.0	5.33e-06	-8.10e-06
1373	1	-0.01	0.13	-0.27	-5.90e-05	-1.69e-05	2.56e-05
1373	3	-7.65e-03	0.10	-0.20	-4.43e-05	-1.27e-05	1.94e-05
1373	4	-6.58e-03	0.08	-0.17	-3.77e-05	-1.10e-05	1.66e-05
1373	5	-6.58e-03	0.08	-0.17	-3.77e-05	-1.10e-05	1.66e-05
1374	1	-0.01	0.13	-0.28	-8.71e-05	-2.43e-05	2.10e-05
1374	3	-9.19e-03	0.09	-0.21	-6.54e-05	-1.83e-05	1.57e-05
1374	4	-7.88e-03	0.08	-0.18	-5.49e-05	-1.60e-05	1.33e-05
1374	5	-7.88e-03	0.08	-0.18	-5.49e-05	-1.60e-05	1.33e-05
1375	1	-0.01	0.13	-0.28	1.70e-06	-1.79e-05	1.58e-05
1375	3	-0.01	0.09	-0.21	1.29e-06	-1.35e-05	1.19e-05
1375	4	-8.97e-03	0.08	-0.18	0.0	-1.20e-05	1.03e-05
1375	5	-8.97e-03	0.08	-0.18	0.0	-1.20e-05	1.03e-05
1376	1	-0.02	0.13	-0.28	5.96e-05	0.0	3.19e-05
1376	3	-0.01	0.10	-0.21	4.46e-05	0.0	2.41e-05
1376	4	-0.01	0.08	-0.18	3.68e-05	0.0	2.08e-05
1376	5	-0.01	0.08	-0.18	3.68e-05	0.0	2.08e-05
1377	1	-0.02	0.13	-0.27	1.30e-04	1.06e-05	1.00e-05
1377	3	-0.01	0.10	-0.20	9.70e-05	8.00e-06	7.78e-06
1377	4	-0.01	0.08	-0.17	7.96e-05	6.51e-06	7.05e-06
1377	5	-0.01	0.08	-0.17	7.96e-05	6.51e-06	7.05e-06
1378	1	-0.02	0.13	-0.26	1.34e-04	1.66e-05	4.02e-05
1378	3	-0.02	0.10	-0.19	1.00e-04	1.26e-05	3.03e-05
1378	4	-0.01	0.08	-0.17	8.22e-05	1.06e-05	2.61e-05

1378	5	-0.01	0.08	-0.17	8.22e-05	1.06e-05	2.61e-05
1379	1	-0.03	0.13	-0.24	2.05e-04	4.40e-05	8.49e-05
1379	3	-0.02	0.10	-0.18	1.54e-04	3.31e-05	6.38e-05
1379	4	-0.02	0.08	-0.16	1.27e-04	2.83e-05	5.47e-05
1379	5	-0.02	0.08	-0.16	1.27e-04	2.83e-05	5.47e-05
1380	1	0.01	0.15	-0.21	-3.59e-04	5.51e-05	3.26e-05
1380	3	0.01	0.12	-0.16	-2.70e-04	4.14e-05	2.46e-05
1380	4	9.50e-03	0.10	-0.13	-2.27e-04	3.51e-05	2.11e-05
1380	5	9.50e-03	0.10	-0.13	-2.27e-04	3.51e-05	2.11e-05
1381	1	0.01	0.15	-0.24	-2.61e-04	4.00e-05	2.80e-05
1381	3	9.01e-03	0.11	-0.18	-1.96e-04	3.01e-05	2.12e-05
1381	4	7.75e-03	0.10	-0.15	-1.65e-04	2.54e-05	1.81e-05
1381	5	7.75e-03	0.10	-0.15	-1.65e-04	2.54e-05	1.81e-05
1382	1	9.59e-03	0.15	-0.26	-1.73e-04	7.08e-05	2.53e-05
1382	3	7.25e-03	0.11	-0.19	-1.30e-04	5.32e-05	1.91e-05
1382	4	6.23e-03	0.09	-0.16	-1.09e-04	4.49e-05	1.65e-05
1382	5	6.23e-03	0.09	-0.16	-1.09e-04	4.49e-05	1.65e-05
1383	1	7.16e-03	0.14	-0.27	-7.09e-05	1.00e-04	2.97e-05
1383	3	5.41e-03	0.11	-0.20	-5.32e-05	7.53e-05	2.24e-05
1383	4	4.65e-03	0.09	-0.17	-4.47e-05	6.36e-05	1.93e-05
1383	5	4.65e-03	0.09	-0.17	-4.47e-05	6.36e-05	1.93e-05
1384	1	4.37e-03	0.14	-0.27	-2.73e-06	7.51e-05	3.21e-05
1384	3	3.31e-03	0.10	-0.20	-2.14e-06	5.64e-05	2.41e-05
1384	4	2.84e-03	0.09	-0.17	-2.10e-06	4.76e-05	2.07e-05
1384	5	2.84e-03	0.09	-0.17	-2.10e-06	4.76e-05	2.07e-05
1385	1	1.41e-03	0.14	-0.27	-1.31e-05	4.77e-05	3.30e-05
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1385	4	9.13e-04	0.09	-0.17	-8.39e-06	3.00e-05	2.18e-05
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1386	1	-1.61e-03	0.13	-0.27	-3.44e-05	7.22e-05	3.40e-05
1386	3	-1.20e-03	0.10	-0.20	-2.58e-05	5.42e-05	2.56e-05
1386	4	-1.05e-03	0.09	-0.17	-2.16e-05	4.56e-05	2.20e-05
1386	5	-1.05e-03	0.09	-0.17	-2.16e-05	4.56e-05	2.20e-05
1387	1	-4.83e-03	0.13	-0.27	-1.96e-05	9.27e-05	3.70e-05
1387	3	-3.62e-03	0.10	-0.21	-1.48e-05	6.96e-05	2.78e-05
1387	4	-3.13e-03	0.09	-0.17	-1.26e-05	5.87e-05	2.38e-05
1387	5	-3.13e-03	0.09	-0.17	-1.26e-05	5.87e-05	2.38e-05
1388	1	-7.98e-03	0.13	-0.27	-1.25e-05	5.28e-05	3.10e-05
1388	3	-5.98e-03	0.10	-0.21	-9.54e-06	3.97e-05	2.33e-05
1388	4	-5.15e-03	0.09	-0.18	-8.67e-06	3.33e-05	2.00e-05
1388	5	-5.15e-03	0.09	-0.18	-8.67e-06	3.33e-05	2.00e-05
1389	1	-0.01	0.13	-0.28	-5.54e-05	9.04e-06	3.55e-05
1389	3	-8.32e-03	0.10	-0.21	-4.17e-05	6.82e-06	2.69e-05
1389	4	-7.16e-03	0.08	-0.18	-3.54e-05	5.30e-06	2.32e-05
1389	5	-7.16e-03	0.08	-0.18	-3.54e-05	5.30e-06	2.32e-05
1390	1	-0.01	0.13	-0.28	-7.03e-05	9.79e-06	1.12e-05
1390	3	-9.96e-03	0.10	-0.21	-5.28e-05	7.29e-06	8.46e-06
1390	4	-8.57e-03	0.08	-0.18	-4.43e-05	5.45e-06	7.32e-06
1390	5	-8.57e-03	0.08	-0.18	-4.43e-05	5.45e-06	7.32e-06
1391	1	-0.01	0.13	-0.29	-5.32e-06	2.81e-05	6.21e-06
1391	3	-0.01	0.09	-0.22	-3.99e-06	2.10e-05	4.70e-06
1391	4	-9.07e-03	0.08	-0.18	-3.50e-06	1.69e-05	4.15e-06
1391	5	-9.07e-03	0.08	-0.18	-3.50e-06	1.69e-05	4.15e-06
1392	1	-0.01	0.12	-0.29	5.96e-05	4.89e-05	1.35e-05
1392	3	-0.01	0.09	-0.22	4.46e-05	3.66e-05	1.03e-05
1392	4	-9.60e-03	0.08	-0.18	3.67e-05	3.03e-05	8.93e-06
1392	5	-9.60e-03	0.08	-0.18	3.67e-05	3.03e-05	8.93e-06
1393	1	-0.02	0.12	-0.28	1.19e-04	4.72e-05	2.57e-05
1393	3	-0.01	0.09	-0.21	8.92e-05	3.55e-05	1.93e-05
1393	4	-0.01	0.08	-0.18	7.31e-05	2.97e-05	1.66e-05
1393	5	-0.01	0.08	-0.18	7.31e-05	2.97e-05	1.66e-05
1394	1	-0.02	0.12	-0.27	1.50e-04	3.92e-05	3.12e-05
1394	3	-0.01	0.09	-0.20	1.12e-04	2.96e-05	2.37e-05
1394	4	-0.01	0.08	-0.17	9.23e-05	2.50e-05	2.04e-05
1394	5	-0.01	0.08	-0.17	9.23e-05	2.50e-05	2.04e-05
1395	1	-0.02	0.11	-0.25	2.30e-04	8.30e-05	3.07e-05
1395	3	-0.02	0.08	-0.19	1.72e-04	6.24e-05	2.30e-05
1395	4	-0.01	0.07	-0.16	1.42e-04	5.32e-05	1.99e-05
1395	5	-0.01	0.07	-0.16	1.42e-04	5.32e-05	1.99e-05
1396	1	0.02	0.18	-0.22	-3.59e-04	5.51e-05	3.26e-05
1396	3	0.01	0.13	-0.16	-2.70e-04	4.14e-05	2.46e-05
1396	4	0.01	0.11	-0.14	-2.27e-04	3.51e-05	2.11e-05
1396	5	0.01	0.11	-0.14	-2.27e-04	3.51e-05	2.11e-05
1397	1	0.01	0.17	-0.24	-2.61e-04	4.00e-05	2.80e-05
1397	3	0.01	0.13	-0.18	-1.96e-04	3.01e-05	2.12e-05
1397	4	9.27e-03	0.11	-0.16	-1.65e-04	2.54e-05	1.81e-05
1397	5	9.27e-03	0.11	-0.16	-1.65e-04	2.54e-05	1.81e-05

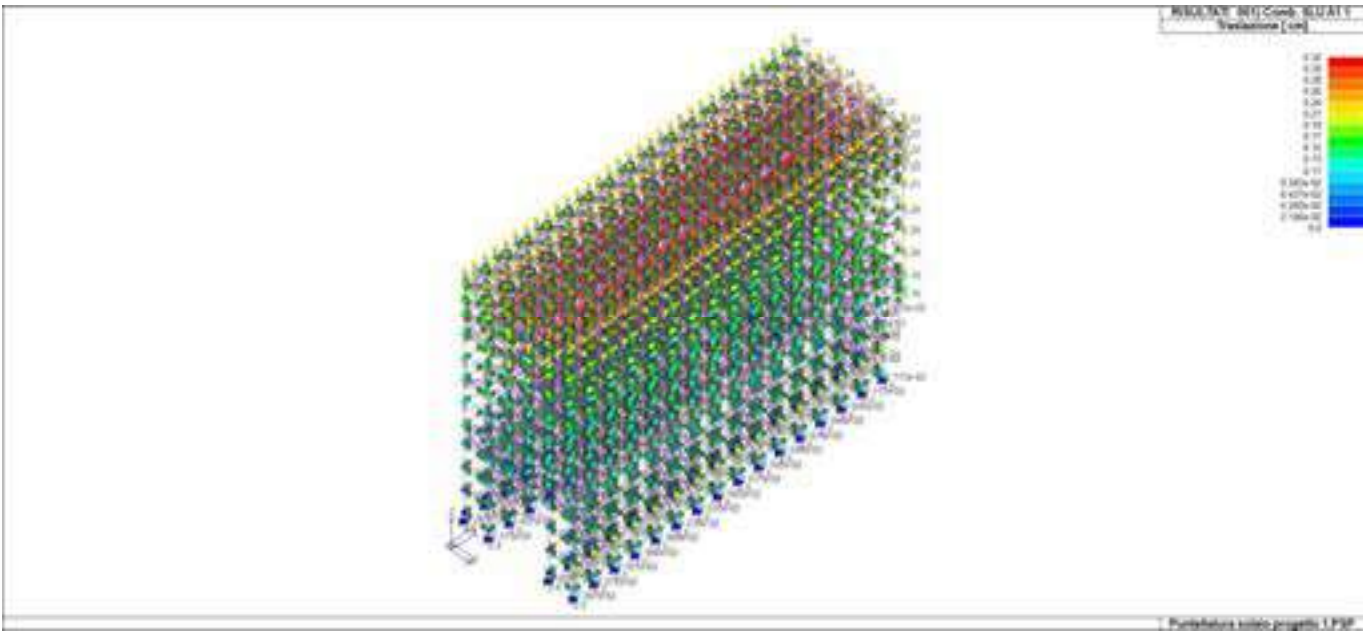
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1398	3	0.01	0.12	-0.20	-1.30e-04	5.32e-05	1.91e-05
1398	4	8.93e-03	0.10	-0.17	-1.09e-04	4.49e-05	1.65e-05
1398	5	8.93e-03	0.10	-0.17	-1.09e-04	4.49e-05	1.65e-05
1399	1	0.01	0.15	-0.27	-7.09e-05	1.00e-04	2.97e-05
1399	3	9.93e-03	0.11	-0.21	-5.32e-05	7.53e-05	2.24e-05
1399	4	8.46e-03	0.09	-0.18	-4.47e-05	6.36e-05	1.93e-05
1399	5	8.46e-03	0.09	-0.18	-4.47e-05	6.36e-05	1.93e-05
1400	1	8.87e-03	0.14	-0.28	-2.73e-06	7.51e-05	3.21e-05
1400	3	6.70e-03	0.10	-0.21	-2.14e-06	5.64e-05	2.41e-05
1400	4	5.70e-03	0.09	-0.18	-2.10e-06	4.76e-05	2.07e-05
1400	5	5.70e-03	0.09	-0.18	-2.10e-06	4.76e-05	2.07e-05
1401	1	4.27e-03	0.14	-0.28	-1.31e-05	4.77e-05	3.30e-05
1401	3	3.23e-03	0.10	-0.21	-9.87e-06	3.58e-05	2.51e-05
1401	4	2.71e-03	0.09	-0.18	-8.39e-06	3.00e-05	2.18e-05
1401	5	2.71e-03	0.09	-0.18	-8.39e-06	3.00e-05	2.18e-05
1402	1	2.72e-03	0.14	-0.28	-3.44e-05	7.22e-05	3.40e-05
1402	3	2.05e-03	0.10	-0.21	-2.58e-05	5.42e-05	2.56e-05
1402	4	1.68e-03	0.09	-0.18	-2.16e-05	4.56e-05	2.20e-05
1402	5	1.68e-03	0.09	-0.18	-2.16e-05	4.56e-05	2.20e-05
1403	1	7.31e-04	0.13	-0.28	-1.96e-05	9.27e-05	3.70e-05
1403	3	5.61e-04	0.10	-0.21	-1.48e-05	6.96e-05	2.78e-05
1403	4	3.95e-04	0.09	-0.18	-1.26e-05	5.87e-05	2.38e-05
1403	5	3.95e-04	0.09	-0.18	-1.26e-05	5.87e-05	2.38e-05
1404	1	-4.81e-03	0.13	-0.28	-1.25e-05	5.28e-05	3.10e-05
1404	3	-3.60e-03	0.10	-0.21	-9.54e-06	3.97e-05	2.33e-05
1404	4	-3.15e-03	0.09	-0.18	-8.67e-06	3.33e-05	2.00e-05
1404	5	-3.15e-03	0.09	-0.18	-8.67e-06	3.33e-05	2.00e-05
1405	1	-0.01	0.13	-0.28	-5.54e-05	9.04e-06	3.55e-05
1405	3	-7.91e-03	0.10	-0.21	-4.17e-05	6.82e-06	2.69e-05
1405	4	-6.85e-03	0.09	-0.18	-3.54e-05	5.30e-06	2.32e-05
1405	5	-6.85e-03	0.09	-0.18	-3.54e-05	5.30e-06	2.32e-05
1406	1	-0.01	0.13	-0.29	-7.03e-05	9.79e-06	1.12e-05
1406	3	-9.52e-03	0.10	-0.22	-5.28e-05	7.29e-06	8.46e-06
1406	4	-8.25e-03	0.09	-0.19	-4.43e-05	5.45e-06	7.32e-06
1406	5	-8.25e-03	0.09	-0.19	-4.43e-05	5.45e-06	7.32e-06
1407	1	-0.01	0.13	-0.30	-5.32e-06	2.81e-05	6.21e-06
1407	3	-9.26e-03	0.10	-0.22	-3.99e-06	2.10e-05	4.70e-06
1407	4	-8.05e-03	0.08	-0.19	-3.50e-06	1.69e-05	4.15e-06
1407	5	-8.05e-03	0.08	-0.19	-3.50e-06	1.69e-05	4.15e-06
1408	1	-0.01	0.12	-0.29	5.96e-05	4.89e-05	1.35e-05
1408	3	-8.94e-03	0.09	-0.22	4.46e-05	3.66e-05	1.03e-05
1408	4	-7.78e-03	0.08	-0.19	3.67e-05	3.03e-05	8.93e-06
1408	5	-7.78e-03	0.08	-0.19	3.67e-05	3.03e-05	8.93e-06
1409	1	-0.01	0.11	-0.29	1.19e-04	4.72e-05	2.57e-05
1409	3	-0.01	0.08	-0.21	8.92e-05	3.55e-05	1.93e-05
1409	4	-8.93e-03	0.07	-0.18	7.31e-05	2.97e-05	1.66e-05
1409	5	-8.93e-03	0.07	-0.18	7.31e-05	2.97e-05	1.66e-05
1410	1	-0.02	0.11	-0.27	1.50e-04	3.92e-05	3.12e-05
1410	3	-0.01	0.08	-0.21	1.12e-04	2.96e-05	2.37e-05
1410	4	-0.01	0.07	-0.17	9.23e-05	2.50e-05	2.04e-05
1410	5	-0.01	0.07	-0.17	9.23e-05	2.50e-05	2.04e-05
1411	1	-0.02	0.10	-0.26	2.30e-04	8.30e-05	3.07e-05
1411	3	-0.01	0.07	-0.19	1.72e-04	6.24e-05	2.30e-05
1411	4	-0.01	0.06	-0.16	1.42e-04	5.32e-05	1.99e-05
1411	5	-0.01	0.06	-0.16	1.42e-04	5.32e-05	1.99e-05
1412	1	0.01	0.13	-0.20	-3.39e-04	-2.08e-05	5.45e-05
1412	3	0.01	0.10	-0.15	-2.55e-04	-1.56e-05	4.10e-05
1412	4	8.66e-03	0.09	-0.13	-2.14e-04	-1.32e-05	3.51e-05
1412	5	8.66e-03	0.09	-0.13	-2.14e-04	-1.32e-05	3.51e-05
1413	1	9.50e-03	0.14	-0.23	-2.56e-04	-1.56e-05	3.11e-05
1413	3	7.18e-03	0.10	-0.17	-1.92e-04	-1.17e-05	2.34e-05
1413	4	6.19e-03	0.09	-0.15	-1.62e-04	-9.76e-06	2.01e-05
1413	5	6.19e-03	0.09	-0.15	-1.62e-04	-9.76e-06	2.01e-05
1414	1	8.14e-03	0.14	-0.25	-1.82e-04	-2.80e-05	0.0
1414	3	6.15e-03	0.10	-0.19	-1.36e-04	-2.11e-05	0.0
1414	4	5.30e-03	0.09	-0.16	-1.14e-04	-1.76e-05	0.0
1414	5	5.30e-03	0.09	-0.16	-1.14e-04	-1.76e-05	0.0
1415	1	6.84e-03	0.14	-0.26	-6.95e-05	-4.01e-05	2.96e-05
1415	3	5.17e-03	0.10	-0.20	-5.22e-05	-3.01e-05	2.22e-05
1415	4	4.44e-03	0.09	-0.17	-4.38e-05	-2.53e-05	1.91e-05
1415	5	4.44e-03	0.09	-0.17	-4.38e-05	-2.53e-05	1.91e-05
1416	1	2.73e-03	0.14	-0.26	1.14e-05	-2.96e-05	6.15e-05
1416	3	2.08e-03	0.10	-0.20	8.55e-06	-2.21e-05	4.62e-05
1416	4	1.80e-03	0.09	-0.17	6.73e-06	-1.86e-05	3.95e-05
1416	5	1.80e-03	0.09	-0.17	6.73e-06	-1.86e-05	3.95e-05
1417	1	-1.46e-03	0.14	-0.26	-1.54e-05	-1.91e-05	3.11e-05

1417	3	-1.07e-03	0.10	-0.20	-1.17e-05	-1.43e-05	2.35e-05
1417	4	-9.02e-04	0.09	-0.17	-1.01e-05	-1.21e-05	2.02e-05
1417	5	-9.02e-04	0.09	-0.17	-1.01e-05	-1.21e-05	2.02e-05
1418	1	-2.95e-03	0.14	-0.26	-3.91e-05	-3.39e-05	3.00e-06
1418	3	-2.20e-03	0.10	-0.20	-2.93e-05	-2.55e-05	2.26e-06
1418	4	-1.89e-03	0.09	-0.17	-2.41e-05	-2.16e-05	2.46e-06
1418	5	-1.89e-03	0.09	-0.17	-2.41e-05	-2.16e-05	2.46e-06
1419	1	-4.36e-03	0.13	-0.26	-5.66e-06	-5.39e-05	3.00e-05
1419	3	-3.26e-03	0.10	-0.20	-4.30e-06	-4.05e-05	2.26e-05
1419	4	-2.82e-03	0.09	-0.17	-3.55e-06	-3.43e-05	1.93e-05
1419	5	-2.82e-03	0.09	-0.17	-3.55e-06	-3.43e-05	1.93e-05
1420	1	-7.95e-03	0.13	-0.26	1.92e-05	-5.49e-05	5.08e-05
1420	3	-5.96e-03	0.10	-0.20	1.43e-05	-4.12e-05	3.83e-05
1420	4	-5.13e-03	0.09	-0.17	1.16e-05	-3.49e-05	3.26e-05
1420	5	-5.13e-03	0.09	-0.17	1.16e-05	-3.49e-05	3.26e-05
1421	1	-0.01	0.13	-0.26	-3.63e-05	-5.70e-05	2.47e-05
1421	3	-8.49e-03	0.10	-0.20	-2.72e-05	-4.27e-05	1.87e-05
1421	4	-7.29e-03	0.09	-0.17	-2.32e-05	-3.63e-05	1.61e-05
1421	5	-7.29e-03	0.09	-0.17	-2.32e-05	-3.63e-05	1.61e-05
1422	1	-0.01	0.13	-0.27	-6.53e-05	-8.57e-05	-4.10e-05
1422	3	-7.87e-03	0.10	-0.20	-4.90e-05	-6.44e-05	-3.10e-05
1422	4	-6.77e-03	0.08	-0.17	-4.09e-05	-5.48e-05	-2.62e-05
1422	5	-6.77e-03	0.08	-0.17	-4.09e-05	-5.48e-05	-2.62e-05
1423	1	-9.10e-03	0.13	-0.27	-5.48e-06	-1.06e-04	1.20e-05
1423	3	-6.83e-03	0.10	-0.21	-4.14e-06	-7.97e-05	9.04e-06
1423	4	-5.90e-03	0.08	-0.18	-3.60e-06	-6.78e-05	7.88e-06
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1424	1	-0.01	0.13	-0.27	3.54e-05	-9.06e-05	3.33e-05
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1425	5	-0.01	0.08	-0.17	5.93e-05	-3.32e-05	4.85e-05
1426	1	-0.02	0.13	-0.26	1.01e-04	-1.69e-05	3.58e-05
1426	3	-0.02	0.10	-0.19	7.55e-05	-1.26e-05	2.70e-05
1426	4	-0.01	0.08	-0.17	6.07e-05	-1.06e-05	2.34e-05
1426	5	-0.01	0.08	-0.17	6.07e-05	-1.06e-05	2.34e-05
1427	1	-0.03	0.13	-0.24	1.81e-04	2.00e-06	4.32e-05
1427	3	-0.02	0.10	-0.18	1.36e-04	1.55e-06	3.25e-05
1427	4	-0.02	0.08	-0.16	1.11e-04	1.60e-06	2.81e-05
1427	5	-0.02	0.08	-0.16	1.11e-04	1.60e-06	2.81e-05
1428	1	0.01	0.16	-0.21	-3.61e-04	-5.39e-05	3.01e-05
1428	3	8.33e-03	0.12	-0.16	-2.71e-04	-4.05e-05	2.27e-05
1428	4	7.19e-03	0.10	-0.13	-2.28e-04	-3.43e-05	1.95e-05
1428	5	7.19e-03	0.10	-0.13	-2.28e-04	-3.43e-05	1.95e-05
1429	1	8.16e-03	0.15	-0.24	-2.63e-04	-3.79e-05	3.27e-05
1429	3	6.18e-03	0.12	-0.18	-1.97e-04	-2.85e-05	2.47e-05
1429	4	5.35e-03	0.10	-0.15	-1.66e-04	-2.39e-05	2.11e-05
1429	5	5.35e-03	0.10	-0.15	-1.66e-04	-2.39e-05	2.11e-05
1430	1	5.15e-03	0.15	-0.26	-1.74e-04	-6.75e-05	3.30e-05
1430	3	3.91e-03	0.11	-0.19	-1.31e-04	-5.07e-05	2.49e-05
1430	4	3.40e-03	0.10	-0.16	-1.10e-04	-4.27e-05	2.14e-05
1430	5	3.40e-03	0.10	-0.16	-1.10e-04	-4.27e-05	2.14e-05
1431	1	2.24e-03	0.14	-0.27	-7.16e-05	-9.56e-05	3.08e-05
1431	3	1.71e-03	0.11	-0.20	-5.38e-05	-7.18e-05	2.31e-05
1431	4	1.52e-03	0.09	-0.17	-4.52e-05	-6.06e-05	1.99e-05
1431	5	1.52e-03	0.09	-0.17	-4.52e-05	-6.06e-05	1.99e-05
1432	1	-3.87e-04	0.14	-0.27	-3.44e-06	-7.06e-05	2.79e-05
1432	3	-2.57e-04	0.11	-0.20	-2.58e-06	-5.30e-05	2.09e-05
1432	4	-1.82e-04	0.09	-0.17	-2.56e-06	-4.47e-05	1.81e-05
1432	5	-1.82e-04	0.09	-0.17	-2.56e-06	-4.47e-05	1.81e-05
1433	1	-3.10e-03	0.14	-0.27	-1.23e-05	-4.53e-05	3.30e-05
1433	3	-2.31e-03	0.10	-0.20	-9.28e-06	-3.39e-05	2.50e-05
1433	4	-1.95e-03	0.09	-0.17	-8.01e-06	-2.87e-05	2.16e-05
1433	5	-1.95e-03	0.09	-0.17	-8.01e-06	-2.87e-05	2.16e-05
1434	1	-6.36e-03	0.14	-0.27	-2.74e-05	-7.42e-05	3.84e-05
1434	3	-4.76e-03	0.10	-0.20	-2.05e-05	-5.57e-05	2.89e-05
1434	4	-4.07e-03	0.09	-0.17	-1.69e-05	-4.71e-05	2.48e-05
1434	5	-4.07e-03	0.09	-0.17	-1.69e-05	-4.71e-05	2.48e-05
1435	1	-9.84e-03	0.14	-0.27	-6.53e-06	-1.08e-04	3.72e-05
1435	3	-7.38e-03	0.10	-0.21	-4.94e-06	-8.09e-05	2.80e-05
1435	4	-6.31e-03	0.09	-0.17	-4.09e-06	-6.84e-05	2.40e-05
1435	5	-6.31e-03	0.09	-0.17	-4.09e-06	-6.84e-05	2.40e-05
1436	1	-0.01	0.13	-0.27	5.13e-06	-9.47e-05	2.76e-05
1436	3	-9.60e-03	0.10	-0.20	3.75e-06	-7.11e-05	2.07e-05

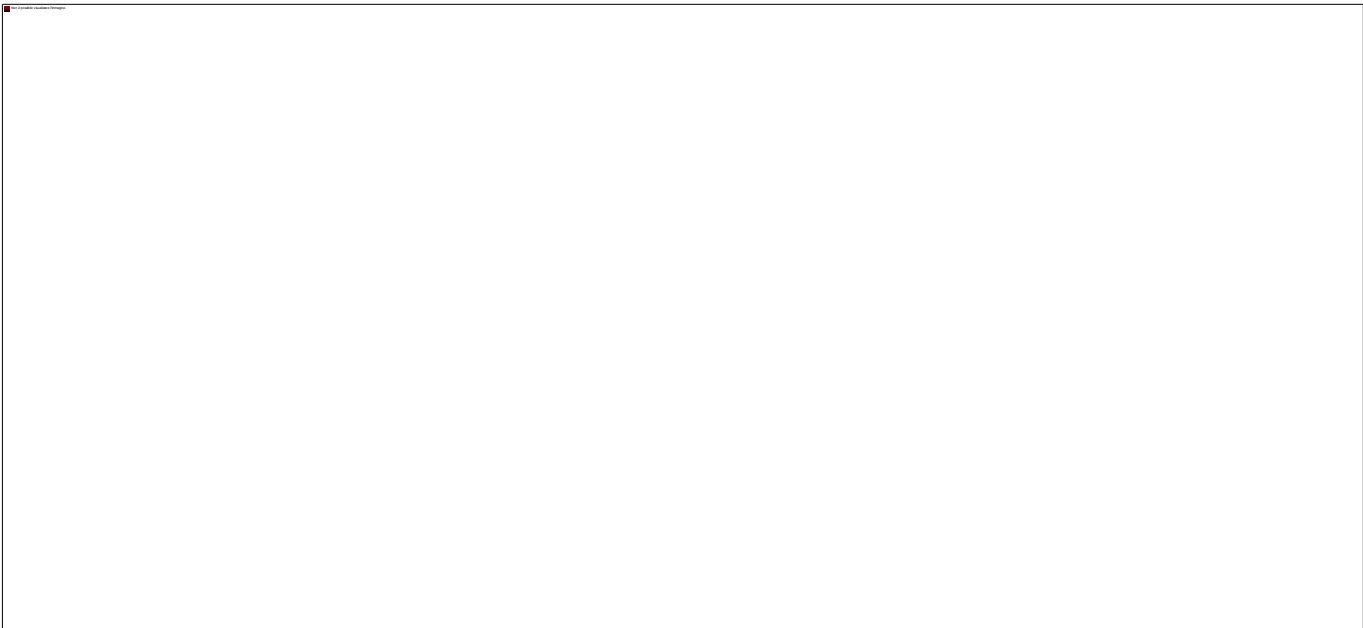
1436	4	-8.22e-03	0.09	-0.17	2.83e-06	-6.02e-05	1.78e-05
1436	5	-8.22e-03	0.09	-0.17	2.83e-06	-6.02e-05	1.78e-05
1437	1	-0.02	0.13	-0.27	-3.32e-05	-8.44e-05	3.44e-05
1437	3	-0.01	0.10	-0.21	-2.49e-05	-6.32e-05	2.60e-05
1437	4	-0.01	0.09	-0.17	-2.12e-05	-5.36e-05	2.24e-05
1437	5	-0.01	0.09	-0.17	-2.12e-05	-5.36e-05	2.24e-05
1438	1	-0.02	0.13	-0.28	-5.26e-05	-1.35e-04	1.54e-05
1438	3	-0.01	0.10	-0.21	-3.94e-05	-1.02e-04	1.16e-05
1438	4	-0.01	0.09	-0.18	-3.30e-05	-8.64e-05	9.96e-06
1438	5	-0.01	0.09	-0.18	-3.30e-05	-8.64e-05	9.96e-06
1439	1	-0.02	0.13	-0.28	-1.03e-05	-1.79e-04	1.03e-05
1439	3	-0.01	0.10	-0.21	-7.79e-06	-1.35e-04	7.81e-06
1439	4	-0.01	0.08	-0.18	-6.72e-06	-1.15e-04	6.79e-06
1439	5	-0.01	0.08	-0.18	-6.72e-06	-1.15e-04	6.79e-06
1440	1	-0.02	0.13	-0.28	3.67e-05	-1.62e-04	1.01e-05
1440	3	-0.02	0.10	-0.21	2.74e-05	-1.22e-04	7.68e-06
1440	4	-0.01	0.08	-0.18	2.19e-05	-1.04e-04	6.78e-06
1440	5	-0.01	0.08	-0.18	2.19e-05	-1.04e-04	6.78e-06
1441	1	-0.02	0.12	-0.28	8.80e-05	-9.90e-05	1.87e-05
1441	3	-0.02	0.09	-0.21	6.57e-05	-7.43e-05	1.40e-05
1441	4	-0.01	0.08	-0.18	5.30e-05	-6.30e-05	1.21e-05
1441	5	-0.01	0.08	-0.18	5.30e-05	-6.30e-05	1.21e-05
1442	1	-0.02	0.12	-0.27	1.18e-04	-3.94e-05	2.35e-05
1442	3	-0.02	0.09	-0.20	8.84e-05	-2.95e-05	1.78e-05
1442	4	-0.01	0.08	-0.17	7.15e-05	-2.47e-05	1.55e-05
1442	5	-0.01	0.08	-0.17	7.15e-05	-2.47e-05	1.55e-05
1443	1	-0.03	0.12	-0.25	2.03e-04	-1.65e-05	3.16e-05
1443	3	-0.02	0.09	-0.19	1.52e-04	-1.24e-05	2.37e-05
1443	4	-0.02	0.08	-0.16	1.25e-04	-1.00e-05	2.04e-05
1443	5	-0.02	0.08	-0.16	1.25e-04	-1.00e-05	2.04e-05
1444	1	7.78e-03	0.18	-0.22	-3.61e-04	-5.39e-05	3.01e-05
1444	3	5.90e-03	0.14	-0.16	-2.71e-04	-4.05e-05	2.27e-05
1444	4	5.13e-03	0.12	-0.14	-2.28e-04	-3.43e-05	1.95e-05
1444	5	5.13e-03	0.12	-0.14	-2.28e-04	-3.43e-05	1.95e-05
1445	1	5.89e-03	0.17	-0.24	-2.63e-04	-3.79e-05	3.27e-05
1445	3	4.47e-03	0.13	-0.18	-1.97e-04	-2.85e-05	2.47e-05
1445	4	3.91e-03	0.11	-0.16	-1.66e-04	-2.39e-05	2.11e-05
1445	5	3.91e-03	0.11	-0.16	-1.66e-04	-2.39e-05	2.11e-05
1446	1	1.10e-03	0.16	-0.26	-1.74e-04	-6.75e-05	3.30e-05
1446	3	8.63e-04	0.12	-0.20	-1.31e-04	-5.07e-05	2.49e-05
1446	4	8.41e-04	0.10	-0.17	-1.10e-04	-4.27e-05	2.14e-05
1446	5	8.41e-04	0.10	-0.17	-1.10e-04	-4.27e-05	2.14e-05
1447	1	-3.50e-03	0.15	-0.27	-7.16e-05	-9.56e-05	3.08e-05
1447	3	-2.60e-03	0.11	-0.21	-5.38e-05	-7.18e-05	2.31e-05
1447	4	-2.12e-03	0.10	-0.18	-4.52e-05	-6.06e-05	1.99e-05
1447	5	-2.12e-03	0.10	-0.18	-4.52e-05	-6.06e-05	1.99e-05
1448	1	-4.62e-03	0.14	-0.28	-3.44e-06	-7.06e-05	2.79e-05
1448	3	-3.44e-03	0.11	-0.21	-2.58e-06	-5.30e-05	2.09e-05
1448	4	-2.86e-03	0.09	-0.18	-2.56e-06	-4.47e-05	1.81e-05
1448	5	-2.86e-03	0.09	-0.18	-2.56e-06	-4.47e-05	1.81e-05
1449	1	-5.82e-03	0.14	-0.28	-1.23e-05	-4.53e-05	3.30e-05
1449	3	-4.34e-03	0.11	-0.21	-9.28e-06	-3.39e-05	2.50e-05
1449	4	-3.67e-03	0.09	-0.18	-8.01e-06	-2.87e-05	2.16e-05
1449	5	-3.67e-03	0.09	-0.18	-8.01e-06	-2.87e-05	2.16e-05
1450	1	-0.01	0.14	-0.28	-2.74e-05	-7.42e-05	3.84e-05
1450	3	-8.11e-03	0.10	-0.21	-2.05e-05	-5.57e-05	2.89e-05
1450	4	-6.90e-03	0.09	-0.18	-1.69e-05	-4.71e-05	2.48e-05
1450	5	-6.90e-03	0.09	-0.18	-1.69e-05	-4.71e-05	2.48e-05
1451	1	-0.02	0.14	-0.28	-6.53e-06	-1.08e-04	3.72e-05
1451	3	-0.01	0.10	-0.21	-4.94e-06	-8.09e-05	2.80e-05
1451	4	-0.01	0.09	-0.18	-4.09e-06	-6.84e-05	2.40e-05
1451	5	-0.01	0.09	-0.18	-4.09e-06	-6.84e-05	2.40e-05
1452	1	-0.02	0.13	-0.28	5.13e-06	-9.47e-05	2.76e-05
1452	3	-0.01	0.10	-0.21	3.75e-06	-7.11e-05	2.07e-05
1452	4	-0.01	0.09	-0.18	2.83e-06	-6.02e-05	1.78e-05
1452	5	-0.01	0.09	-0.18	2.83e-06	-6.02e-05	1.78e-05
1453	1	-0.02	0.14	-0.28	-3.32e-05	-8.44e-05	3.44e-05
1453	3	-0.02	0.10	-0.21	-2.49e-05	-6.32e-05	2.60e-05
1453	4	-0.01	0.09	-0.18	-2.12e-05	-5.36e-05	2.24e-05
1453	5	-0.01	0.09	-0.18	-2.12e-05	-5.36e-05	2.24e-05
1454	1	-0.03	0.13	-0.28	-5.26e-05	-1.35e-04	1.54e-05
1454	3	-0.02	0.10	-0.21	-3.94e-05	-1.02e-04	1.16e-05
1454	4	-0.02	0.09	-0.18	-3.30e-05	-8.64e-05	9.96e-06
1454	5	-0.02	0.09	-0.18	-3.30e-05	-8.64e-05	9.96e-06
1455	1	-0.03	0.13	-0.29	-1.03e-05	-1.79e-04	1.03e-05
1455	3	-0.02	0.10	-0.22	-7.79e-06	-1.35e-04	7.81e-06
1455	4	-0.02	0.08	-0.18	-6.72e-06	-1.15e-04	6.79e-06



1455	5	-0.02	0.08	-0.18	-6.72e-06	-1.15e-04	6.79e-06
1456	1	-0.03	0.12	-0.29	3.67e-05	-1.62e-04	1.01e-05
1456	3	-0.02	0.09	-0.22	2.74e-05	-1.22e-04	7.68e-06
1456	4	-0.02	0.08	-0.18	2.19e-05	-1.04e-04	6.78e-06
1456	5	-0.02	0.08	-0.18	2.19e-05	-1.04e-04	6.78e-06
Nodo	Traslazione X	Traslazione Y		Traslazione Z	Rotazione X	Rotazione Y	Rotazione Z
		-0.05					
		0.03					
		-0.21	-0.30	-1.55e-03	-1.31e-03	-9.16e-05	
		0.19	0.0	2.05e-03	9.55e-04	1.79e-04	

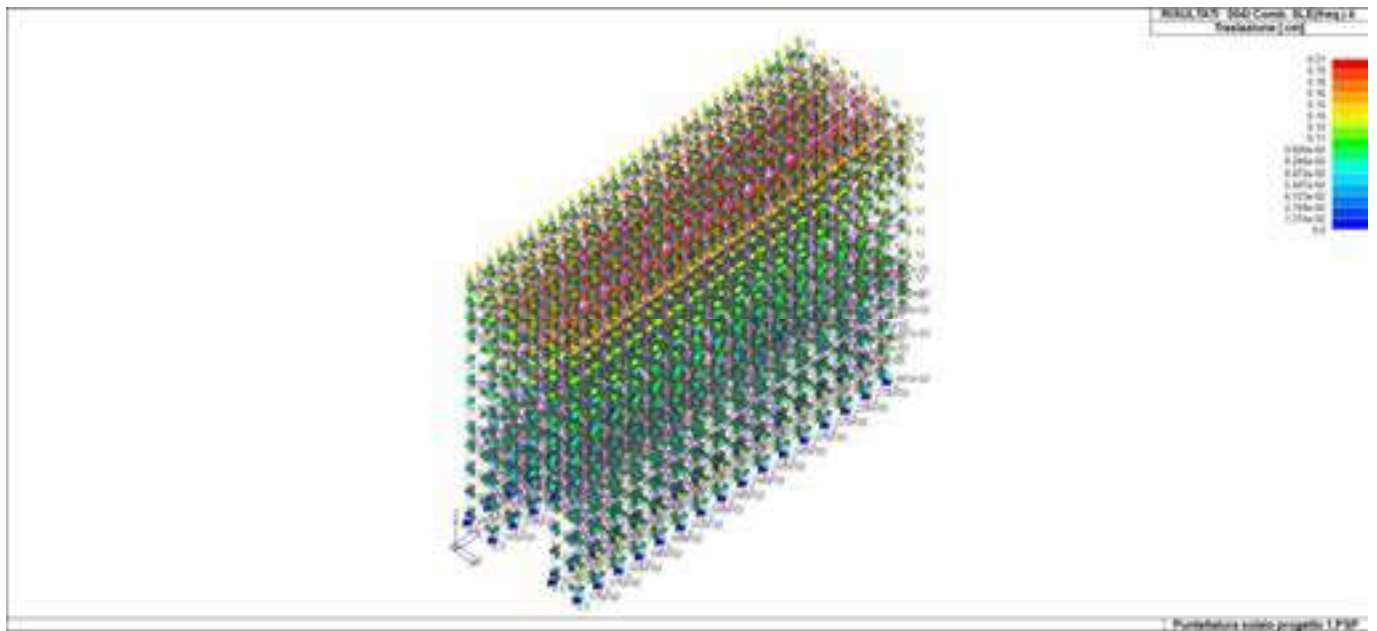


41_RIS_SPOSTAMENTI_001_Comb. SLU A1 1

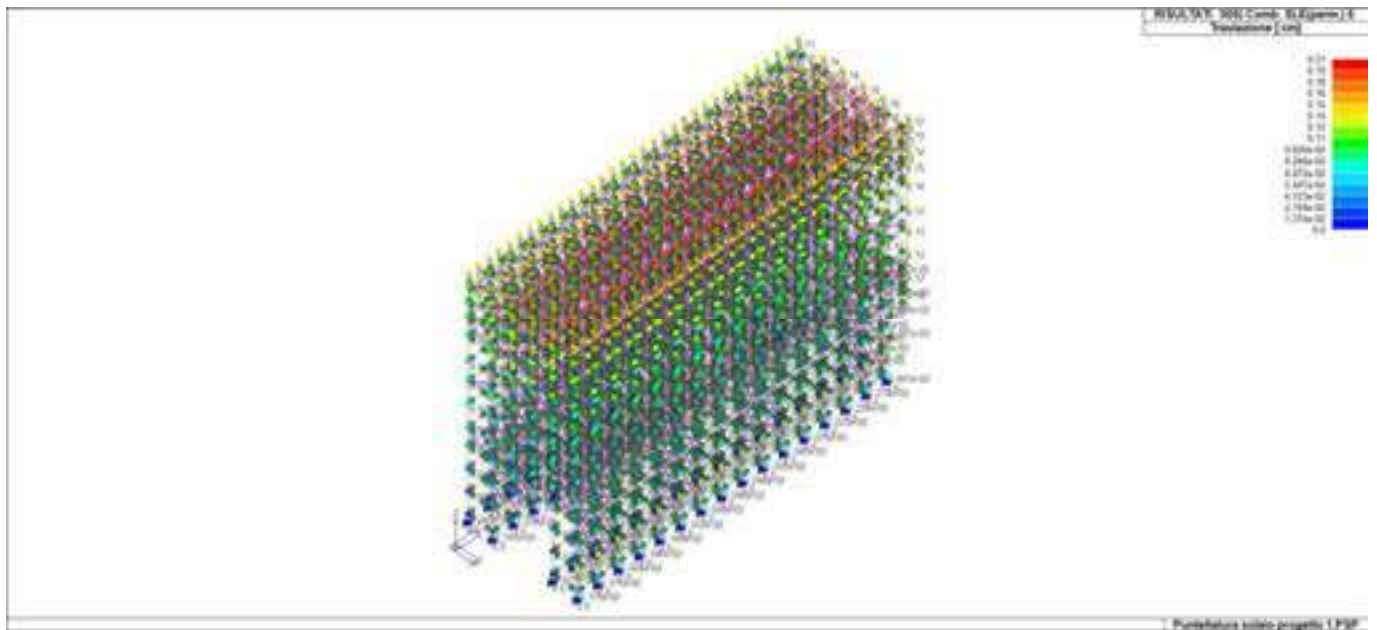


41_RIS_SPOSTAMENTI_003_Comb. SLE(rara) 3





41_RIS_SPOSTAMENTI_004_Comb. SLE(freq.) 4



41_RIS_SPOSTAMENTI_005_Comb. SLE(per.) 5

Nodo	Cmb	Azione X daN	Azione Y daN	Azione Z daN	Azione RX daN cm	Azione RY daN cm	Azione RZ daN cm
1	1	-6.23e-03	-1.01	-1031.90	0.0	0.0	0.0
1	2	-4.88e-03	-0.81	-830.09	0.0	0.0	0.0
1	3	-4.75e-03	-0.76	-777.61	0.0	0.0	0.0
1	4	-4.47e-03	-0.66	-672.72	0.0	0.0	0.0
1	5	-4.47e-03	-0.66	-672.72	0.0	0.0	0.0
2	1	-0.01	11.16	-1487.09	0.0	0.0	0.0
2	2	-8.77e-03	8.98	-1196.47	0.0	0.0	0.0
2	3	-8.37e-03	8.41	-1120.51	0.0	0.0	0.0
2	4	-7.57e-03	7.26	-968.74	0.0	0.0	0.0
2	5	-7.57e-03	7.26	-968.74	0.0	0.0	0.0

5	1	0.05	0.86	-1482.43	0.0	0.0	0.0
5	2	0.04	0.69	-1192.73	0.0	0.0	0.0
5	3	0.04	0.64	-1117.01	0.0	0.0	0.0
5	4	0.03	0.55	-965.64	0.0	0.0	0.0
5	5	0.03	0.55	-965.64	0.0	0.0	0.0
6	1	0.05	-5.30	-1034.19	0.0	0.0	0.0
6	2	0.04	-4.26	-831.96	0.0	0.0	0.0
6	3	0.03	-3.99	-779.34	0.0	0.0	0.0
6	4	0.03	-3.44	-674.15	0.0	0.0	0.0
6	5	0.03	-3.44	-674.15	0.0	0.0	0.0
7	1	-3.66	0.06	-1333.08	0.0	0.0	0.0
7	2	-2.94	0.05	-1072.42	0.0	0.0	0.0
7	3	-2.76	0.04	-1004.62	0.0	0.0	0.0
7	4	-2.42	0.04	-868.91	0.0	0.0	0.0
7	5	-2.42	0.04	-868.91	0.0	0.0	0.0
8	1	-3.68	10.18	-1734.69	0.0	0.0	0.0
8	2	-2.95	8.19	-1394.95	0.0	0.0	0.0
8	3	-2.78	7.67	-1307.46	0.0	0.0	0.0
8	4	-2.43	6.62	-1132.62	0.0	0.0	0.0
8	5	-2.43	6.62	-1132.62	0.0	0.0	0.0
11	1	7.75	0.87	-1589.02	0.0	0.0	0.0
11	2	6.23	0.70	-1277.72	0.0	0.0	0.0
11	3	5.84	0.65	-1197.70	0.0	0.0	0.0
11	4	5.06	0.56	-1037.62	0.0	0.0	0.0
11	5	5.06	0.56	-1037.62	0.0	0.0	0.0
12	1	7.71	-5.28	-1348.80	0.0	0.0	0.0
12	2	6.20	-4.25	-1085.12	0.0	0.0	0.0
12	3	5.81	-3.98	-1016.34	0.0	0.0	0.0
12	4	5.04	-3.43	-878.91	0.0	0.0	0.0
12	5	5.04	-3.43	-878.91	0.0	0.0	0.0
13	1	-6.16	0.06	-1496.01	0.0	0.0	0.0
13	2	-4.95	0.05	-1204.28	0.0	0.0	0.0
13	3	-4.65	0.04	-1127.05	0.0	0.0	0.0
13	4	-4.04	0.04	-972.44	0.0	0.0	0.0
13	5	-4.04	0.04	-972.44	0.0	0.0	0.0
14	1	-6.19	10.10	-2112.82	0.0	0.0	0.0
14	2	-4.97	8.13	-1700.06	0.0	0.0	0.0
14	3	-4.67	7.61	-1592.01	0.0	0.0	0.0
14	4	-4.06	6.57	-1375.90	0.0	0.0	0.0
14	5	-4.06	6.57	-1375.90	0.0	0.0	0.0
17	1	11.08	0.80	-2179.14	0.0	0.0	0.0
17	2	8.91	0.65	-1753.45	0.0	0.0	0.0
17	3	8.35	0.60	-1642.02	0.0	0.0	0.0
17	4	7.23	0.52	-1419.06	0.0	0.0	0.0
17	5	7.23	0.52	-1419.06	0.0	0.0	0.0
18	1	11.03	-5.26	-1538.09	0.0	0.0	0.0
18	2	8.87	-4.23	-1238.19	0.0	0.0	0.0
18	3	8.31	-3.96	-1158.66	0.0	0.0	0.0
18	4	7.20	-3.42	-999.70	0.0	0.0	0.0
18	5	7.20	-3.42	-999.70	0.0	0.0	0.0
19	1	-0.02	0.05	-1494.30	0.0	0.0	0.0
19	2	-0.02	0.04	-1204.16	0.0	0.0	0.0
19	3	-0.02	0.04	-1125.18	0.0	0.0	0.0
19	4	-0.02	0.04	-967.16	0.0	0.0	0.0
19	5	-0.02	0.04	-967.16	0.0	0.0	0.0
20	1	-0.03	9.99	-2086.02	0.0	0.0	0.0
20	2	-0.02	8.04	-1681.12	0.0	0.0	0.0
20	3	-0.02	7.53	-1570.59	0.0	0.0	0.0
20	4	-0.02	6.50	-1349.59	0.0	0.0	0.0
20	5	-0.02	6.50	-1349.59	0.0	0.0	0.0
23	1	0.05	0.69	-2098.22	0.0	0.0	0.0
23	2	0.04	0.56	-1690.83	0.0	0.0	0.0
23	3	0.04	0.52	-1579.93	0.0	0.0	0.0
23	4	0.03	0.44	-1357.99	0.0	0.0	0.0
23	5	0.03	0.44	-1357.99	0.0	0.0	0.0
24	1	0.04	-5.22	-1501.92	0.0	0.0	0.0
24	2	0.04	-4.21	-1210.24	0.0	0.0	0.0
24	3	0.03	-3.93	-1130.88	0.0	0.0	0.0
24	4	0.03	-3.39	-972.16	0.0	0.0	0.0
24	5	0.03	-3.39	-972.16	0.0	0.0	0.0
25	1	-0.03	0.05	-1519.74	0.0	0.0	0.0
25	2	-0.02	0.04	-1224.76	0.0	0.0	0.0
25	3	-0.02	0.04	-1144.27	0.0	0.0	0.0
25	4	-0.02	0.03	-983.25	0.0	0.0	0.0
25	5	-0.02	0.03	-983.25	0.0	0.0	0.0
26	1	-0.03	9.98	-2117.51	0.0	0.0	0.0
26	2	-0.03	8.03	-1706.66	0.0	0.0	0.0

26	3	-0.02	7.52	-1594.27	0.0	0.0	0.0
26	4	-0.02	6.49	-1369.58	0.0	0.0	0.0
26	5	-0.02	6.49	-1369.58	0.0	0.0	0.0
29	1	0.05	0.59	-2115.02	0.0	0.0	0.0
29	2	0.04	0.47	-1704.53	0.0	0.0	0.0
29	3	0.04	0.44	-1592.46	0.0	0.0	0.0
29	4	0.03	0.38	-1368.15	0.0	0.0	0.0
29	5	0.03	0.38	-1368.15	0.0	0.0	0.0
30	1	0.04	-5.17	-1524.87	0.0	0.0	0.0
30	2	0.03	-4.16	-1228.85	0.0	0.0	0.0
30	3	0.03	-3.90	-1148.10	0.0	0.0	0.0
30	4	0.03	-3.36	-986.55	0.0	0.0	0.0
30	5	0.03	-3.36	-986.55	0.0	0.0	0.0
31	1	-6.16	0.05	-1585.67	0.0	0.0	0.0
31	2	-4.95	0.04	-1277.07	0.0	0.0	0.0
31	3	-4.64	0.04	-1194.25	0.0	0.0	0.0
31	4	-4.02	0.03	-1028.59	0.0	0.0	0.0
31	5	-4.02	0.03	-1028.59	0.0	0.0	0.0
32	1	-6.19	10.06	-2026.68	0.0	0.0	0.0
32	2	-4.98	8.09	-1631.87	0.0	0.0	0.0
32	3	-4.66	7.58	-1526.55	0.0	0.0	0.0
32	4	-4.04	6.54	-1316.07	0.0	0.0	0.0
32	5	-4.04	6.54	-1316.07	0.0	0.0	0.0
35	1	7.05	0.50	-1931.52	0.0	0.0	0.0
35	2	5.67	0.40	-1555.29	0.0	0.0	0.0
35	3	5.31	0.38	-1454.94	0.0	0.0	0.0
35	4	4.58	0.32	-1254.03	0.0	0.0	0.0
35	5	4.58	0.32	-1254.03	0.0	0.0	0.0
36	1	7.02	-5.11	-1586.38	0.0	0.0	0.0
36	2	5.65	-4.11	-1277.74	0.0	0.0	0.0
36	3	5.29	-3.85	-1194.79	0.0	0.0	0.0
36	4	4.56	-3.32	-1028.79	0.0	0.0	0.0
36	5	4.56	-3.32	-1028.79	0.0	0.0	0.0
37	1	-10.61	0.05	-1603.94	0.0	0.0	0.0
37	2	-8.55	0.04	-1291.61	0.0	0.0	0.0
37	3	-7.99	0.04	-1208.13	0.0	0.0	0.0
37	4	-6.86	0.03	-1040.99	0.0	0.0	0.0
37	5	-6.86	0.03	-1040.99	0.0	0.0	0.0
38	1	-10.66	9.98	-2303.29	0.0	0.0	0.0
38	2	-8.59	8.03	-1854.76	0.0	0.0	0.0
38	3	-8.02	7.52	-1734.91	0.0	0.0	0.0
38	4	-6.89	6.49	-1495.13	0.0	0.0	0.0
38	5	-6.89	6.49	-1495.13	0.0	0.0	0.0
41	1	11.06	0.47	-2448.19	0.0	0.0	0.0
41	2	8.89	0.38	-1971.53	0.0	0.0	0.0
41	3	8.34	0.36	-1844.18	0.0	0.0	0.0
41	4	7.21	0.30	-1589.26	0.0	0.0	0.0
41	5	7.21	0.30	-1589.26	0.0	0.0	0.0
42	1	11.01	-5.03	-1560.07	0.0	0.0	0.0
42	2	8.86	-4.05	-1256.55	0.0	0.0	0.0
42	3	8.30	-3.79	-1174.98	0.0	0.0	0.0
42	4	7.18	-3.27	-1011.86	0.0	0.0	0.0
42	5	7.18	-3.27	-1011.86	0.0	0.0	0.0
43	1	-0.03	0.04	-1537.55	0.0	0.0	0.0
43	2	-0.03	0.04	-1239.14	0.0	0.0	0.0
43	3	-0.03	0.03	-1157.67	0.0	0.0	0.0
43	4	-0.02	0.03	-994.69	0.0	0.0	0.0
43	5	-0.02	0.03	-994.69	0.0	0.0	0.0
44	1	-0.04	9.87	-2159.00	0.0	0.0	0.0
44	2	-0.03	7.95	-1740.16	0.0	0.0	0.0
44	3	-0.03	7.44	-1625.47	0.0	0.0	0.0
44	4	-0.03	6.43	-1396.09	0.0	0.0	0.0
44	5	-0.03	6.43	-1396.09	0.0	0.0	0.0
47	1	0.04	0.46	-2168.96	0.0	0.0	0.0
47	2	0.03	0.37	-1748.02	0.0	0.0	0.0
47	3	0.03	0.34	-1632.97	0.0	0.0	0.0
47	4	0.03	0.29	-1403.12	0.0	0.0	0.0
47	5	0.03	0.29	-1403.12	0.0	0.0	0.0
48	1	0.03	-4.93	-1526.44	0.0	0.0	0.0
48	2	0.03	-3.97	-1230.16	0.0	0.0	0.0
48	3	0.03	-3.72	-1149.26	0.0	0.0	0.0
48	4	0.02	-3.20	-987.58	0.0	0.0	0.0
48	5	0.02	-3.20	-987.58	0.0	0.0	0.0
49	1	-0.03	0.04	-1565.08	0.0	0.0	0.0
49	2	-0.03	0.03	-1261.33	0.0	0.0	0.0
49	3	-0.03	0.03	-1178.38	0.0	0.0	0.0
49	4	-0.02	0.03	-1012.51	0.0	0.0	0.0

49	5	-0.02	0.03	-1012.51	0.0	0.0	0.0
50	1	-0.04	9.87	-2170.86	0.0	0.0	0.0
50	2	-0.03	7.94	-1749.71	0.0	0.0	0.0
50	3	-0.03	7.43	-1634.40	0.0	0.0	0.0
50	4	-0.03	6.42	-1403.85	0.0	0.0	0.0
50	5	-0.03	6.42	-1403.85	0.0	0.0	0.0
53	1	0.04	0.45	-2122.89	0.0	0.0	0.0
53	2	0.03	0.37	-1710.93	0.0	0.0	0.0
53	3	0.03	0.34	-1598.30	0.0	0.0	0.0
53	4	0.03	0.29	-1373.10	0.0	0.0	0.0
53	5	0.03	0.29	-1373.10	0.0	0.0	0.0
54	1	0.03	-4.82	-1514.00	0.0	0.0	0.0
54	2	0.03	-3.88	-1220.13	0.0	0.0	0.0
54	3	0.03	-3.63	-1139.93	0.0	0.0	0.0
54	4	0.02	-3.13	-979.52	0.0	0.0	0.0
54	5	0.02	-3.13	-979.52	0.0	0.0	0.0
55	1	-8.11	0.04	-1697.73	0.0	0.0	0.0
55	2	-6.53	0.03	-1367.44	0.0	0.0	0.0
55	3	-6.11	0.03	-1278.62	0.0	0.0	0.0
55	4	-5.27	0.03	-1100.97	0.0	0.0	0.0
55	5	-5.27	0.03	-1100.97	0.0	0.0	0.0
56	1	-8.14	9.95	-2181.53	0.0	0.0	0.0
56	2	-6.56	8.01	-1756.84	0.0	0.0	0.0
56	3	-6.13	7.49	-1643.07	0.0	0.0	0.0
56	4	-5.29	6.48	-1415.35	0.0	0.0	0.0
56	5	-5.29	6.48	-1415.35	0.0	0.0	0.0
59	1	5.41	0.47	-1909.72	0.0	0.0	0.0
59	2	4.35	0.38	-1537.76	0.0	0.0	0.0
59	3	4.08	0.35	-1438.52	0.0	0.0	0.0
59	4	3.52	0.30	-1239.79	0.0	0.0	0.0
59	5	3.52	0.30	-1239.79	0.0	0.0	0.0
60	1	5.38	-4.69	-1552.60	0.0	0.0	0.0
60	2	4.33	-3.77	-1250.53	0.0	0.0	0.0
60	3	4.05	-3.53	-1169.36	0.0	0.0	0.0
60	4	3.50	-3.04	-1006.90	0.0	0.0	0.0
60	5	3.50	-3.04	-1006.90	0.0	0.0	0.0
61	1	-9.09	0.04	-2038.42	0.0	0.0	0.0
61	2	-7.32	0.03	-1642.28	0.0	0.0	0.0
61	3	-6.85	0.03	-1534.99	0.0	0.0	0.0
61	4	-5.92	0.02	-1320.51	0.0	0.0	0.0
61	5	-5.92	0.02	-1320.51	0.0	0.0	0.0
62	1	-9.14	9.96	-2663.04	0.0	0.0	0.0
62	2	-7.35	8.01	-2145.12	0.0	0.0	0.0
62	3	-6.88	7.50	-2005.52	0.0	0.0	0.0
62	4	-5.95	6.48	-1726.44	0.0	0.0	0.0
62	5	-5.95	6.48	-1726.44	0.0	0.0	0.0
65	1	11.15	0.65	-2430.69	0.0	0.0	0.0
65	2	8.98	0.53	-1957.35	0.0	0.0	0.0
65	3	8.39	0.49	-1830.81	0.0	0.0	0.0
65	4	7.23	0.42	-1577.85	0.0	0.0	0.0
65	5	7.23	0.42	-1577.85	0.0	0.0	0.0
66	1	11.09	-4.53	-1611.69	0.0	0.0	0.0
66	2	8.93	-3.65	-1298.14	0.0	0.0	0.0
66	3	8.35	-3.41	-1213.81	0.0	0.0	0.0
66	4	7.20	-2.94	-1045.19	0.0	0.0	0.0
66	5	7.20	-2.94	-1045.19	0.0	0.0	0.0
79	1	-0.05	-4.35	-1695.45	0.0	0.0	0.0
79	2	-0.04	-3.50	-1366.24	0.0	0.0	0.0
79	3	-0.03	-3.28	-1276.63	0.0	0.0	0.0
79	4	-0.03	-2.83	-1097.41	0.0	0.0	0.0
79	5	-0.03	-2.83	-1097.41	0.0	0.0	0.0
80	1	-0.05	-8.03	-2340.86	0.0	0.0	0.0
80	2	-0.04	-6.46	-1886.39	0.0	0.0	0.0
80	3	-0.04	-6.05	-1762.62	0.0	0.0	0.0
80	4	-0.04	-5.23	-1514.98	0.0	0.0	0.0
80	5	-0.04	-5.23	-1514.98	0.0	0.0	0.0
83	1	0.03	1.44	-2165.53	0.0	0.0	0.0
83	2	0.03	1.16	-1745.12	0.0	0.0	0.0
83	3	0.03	1.09	-1630.57	0.0	0.0	0.0
83	4	0.02	0.93	-1401.33	0.0	0.0	0.0
83	5	0.02	0.93	-1401.33	0.0	0.0	0.0
84	1	0.03	-3.92	-1519.11	0.0	0.0	0.0
84	2	0.02	-3.15	-1224.22	0.0	0.0	0.0
84	3	0.02	-2.95	-1143.85	0.0	0.0	0.0
84	4	0.02	-2.54	-983.03	0.0	0.0	0.0
84	5	0.02	-2.54	-983.03	0.0	0.0	0.0
91	1	-16.11	-4.59	-2343.47	0.0	0.0	0.0

91	2	-12.97	-3.69	-1885.76	0.0	0.0	0.0
91	3	-12.14	-3.45	-1765.77	0.0	0.0	0.0
91	4	-10.48	-2.98	-1525.73	0.0	0.0	0.0
91	5	-10.48	-2.98	-1525.73	0.0	0.0	0.0
92	1	-16.19	-8.32	-3309.15	0.0	0.0	0.0
92	2	-13.03	-6.69	-2662.79	0.0	0.0	0.0
92	3	-12.20	-6.27	-2493.41	0.0	0.0	0.0
92	4	-10.53	-5.42	-2154.58	0.0	0.0	0.0
92	5	-10.53	-5.42	-2154.58	0.0	0.0	0.0
95	1	12.16	2.19	-3519.27	0.0	0.0	0.0
95	2	9.79	1.76	-2832.07	0.0	0.0	0.0
95	3	9.16	1.65	-2651.65	0.0	0.0	0.0
95	4	7.90	1.42	-2290.78	0.0	0.0	0.0
95	5	7.90	1.42	-2290.78	0.0	0.0	0.0
96	1	12.10	-3.35	-2142.09	0.0	0.0	0.0
96	2	9.74	-2.70	-1723.66	0.0	0.0	0.0
96	3	9.11	-2.53	-1614.04	0.0	0.0	0.0
96	4	7.87	-2.18	-1394.81	0.0	0.0	0.0
96	5	7.87	-2.18	-1394.81	0.0	0.0	0.0
97	1	4.72e-03	-4.17	-2481.54	0.0	0.0	0.0
97	2	3.76e-03	-3.35	-1999.59	0.0	0.0	0.0
97	3	3.57e-03	-3.14	-1868.56	0.0	0.0	0.0
97	4	3.16e-03	-2.71	-1606.46	0.0	0.0	0.0
97	5	3.16e-03	-2.71	-1606.46	0.0	0.0	0.0
98	1	-3.77e-03	-7.62	-2904.70	0.0	0.0	0.0
98	2	-3.10e-03	-6.13	-2341.57	0.0	0.0	0.0
98	3	-2.83e-03	-5.74	-2186.81	0.0	0.0	0.0
98	4	-2.32e-03	-4.96	-1877.21	0.0	0.0	0.0
98	5	-2.32e-03	-4.96	-1877.21	0.0	0.0	0.0
101	1	0.08	1.15	-2200.03	0.0	0.0	0.0
101	2	0.06	0.93	-1773.40	0.0	0.0	0.0
101	3	0.06	0.87	-1656.27	0.0	0.0	0.0
101	4	0.05	0.75	-1421.96	0.0	0.0	0.0
101	5	0.05	0.75	-1421.96	0.0	0.0	0.0
102	1	0.07	-4.15	-1473.14	0.0	0.0	0.0
102	2	0.06	-3.34	-1187.48	0.0	0.0	0.0
102	3	0.06	-3.13	-1109.07	0.0	0.0	0.0
102	4	0.05	-2.69	-952.24	0.0	0.0	0.0
102	5	0.05	-2.69	-952.24	0.0	0.0	0.0
174	1	0.09	0.89	-2248.91	0.0	0.0	0.0
174	2	0.08	0.72	-1812.68	0.0	0.0	0.0
174	3	0.07	0.67	-1693.07	0.0	0.0	0.0
174	4	0.06	0.58	-1454.21	0.0	0.0	0.0
174	5	0.06	0.58	-1454.21	0.0	0.0	0.0
175	1	0.09	-4.35	-1463.24	0.0	0.0	0.0
175	2	0.07	-3.50	-1179.40	0.0	0.0	0.0
175	3	0.07	-3.28	-1101.66	0.0	0.0	0.0
175	4	0.06	-2.83	-946.13	0.0	0.0	0.0
175	5	0.06	-2.83	-946.13	0.0	0.0	0.0
870	1	-9.48	-4.49	-1688.22	0.0	0.0	0.0
870	2	-7.62	-3.62	-1359.11	0.0	0.0	0.0
870	3	-7.15	-3.38	-1271.71	0.0	0.0	0.0
870	4	-6.20	-2.92	-1096.96	0.0	0.0	0.0
870	5	-6.20	-2.92	-1096.96	0.0	0.0	0.0
871	1	-9.53	-8.46	-2041.14	0.0	0.0	0.0
871	2	-7.66	-6.80	-1642.37	0.0	0.0	0.0
871	3	-7.18	-6.37	-1537.86	0.0	0.0	0.0
871	4	-6.23	-5.51	-1329.06	0.0	0.0	0.0
871	5	-6.23	-5.51	-1329.06	0.0	0.0	0.0
872	1	3.83	1.76	-2110.31	0.0	0.0	0.0
872	2	3.08	1.41	-1697.97	0.0	0.0	0.0
872	3	2.89	1.32	-1590.08	0.0	0.0	0.0
872	4	2.52	1.14	-1374.39	0.0	0.0	0.0
872	5	2.52	1.14	-1374.39	0.0	0.0	0.0
873	1	3.81	-3.65	-1614.03	0.0	0.0	0.0
873	2	3.06	-2.94	-1299.34	0.0	0.0	0.0
873	3	2.87	-2.75	-1215.87	0.0	0.0	0.0
873	4	2.51	-2.37	-1048.93	0.0	0.0	0.0
873	5	2.51	-2.37	-1048.93	0.0	0.0	0.0

Nodo		Azione X	Azione Y	Azione Z	Azione RX	Azione RY	Azione RZ
		-16.19	-8.46	-3519.27	0.0	0.0	0.0
		12.16	11.16	-672.72	0.0	0.0	0.0

Nodo	Cmb	Azione X	Azione Y	Azione Z	Azione RX	Azione RY	Azione RZ
		daN	daN	daN	daN cm	daN cm	daN cm

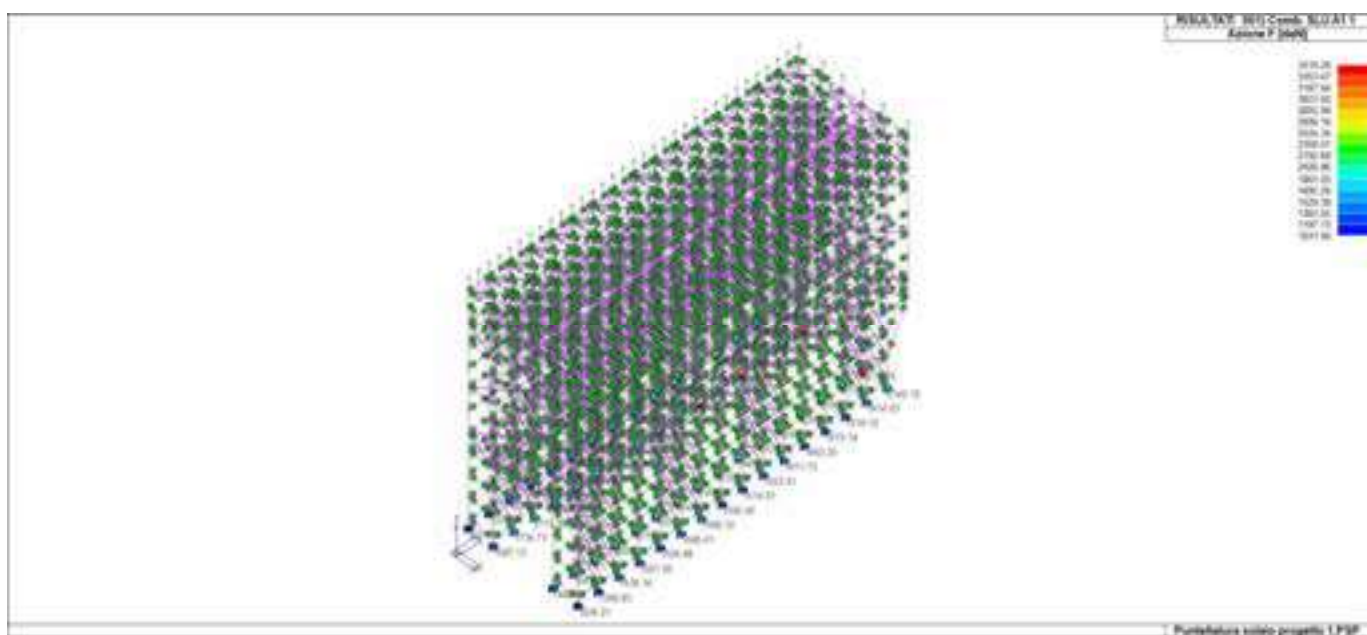
1	1	-6.23e-03	-1.01	-1031.90	0.0	0.0	0.0
	4	-4.47e-03	-0.66	-672.72	0.0	0.0	0.0
	1	-6.23e-03	-1.01	-1031.90	0.0	0.0	0.0
	1	-6.23e-03	-1.01	-1031.90	0.0	0.0	0.0
	1	-6.23e-03	-1.01	-1031.90	0.0	0.0	0.0
2	1	-6.23e-03	-1.01	-1031.90	0.0	0.0	0.0
	1	-0.01	11.16	-1487.09	0.0	0.0	0.0
	4	-7.57e-03	7.26	-968.74	0.0	0.0	0.0
	1	-0.01	11.16	-1487.09	0.0	0.0	0.0
	1	-0.01	11.16	-1487.09	0.0	0.0	0.0
5	1	-0.01	11.16	-1487.09	0.0	0.0	0.0
	1	0.05	0.86	-1482.43	0.0	0.0	0.0
	4	0.03	0.55	-965.64	0.0	0.0	0.0
	1	0.05	0.86	-1482.43	0.0	0.0	0.0
	1	0.05	0.86	-1482.43	0.0	0.0	0.0
6	1	0.05	0.86	-1482.43	0.0	0.0	0.0
	1	0.05	0.86	-1482.43	0.0	0.0	0.0
	4	0.03	-3.44	-674.15	0.0	0.0	0.0
	1	0.05	-5.30	-1034.19	0.0	0.0	0.0
	1	0.05	-5.30	-1034.19	0.0	0.0	0.0
7	1	0.05	-5.30	-1034.19	0.0	0.0	0.0
	1	0.05	-5.30	-1034.19	0.0	0.0	0.0
	1	-3.66	0.06	-1333.08	0.0	0.0	0.0
	4	-2.42	0.04	-868.91	0.0	0.0	0.0
	1	-3.66	0.06	-1333.08	0.0	0.0	0.0
8	1	-3.66	0.06	-1333.08	0.0	0.0	0.0
	1	-3.66	0.06	-1333.08	0.0	0.0	0.0
	1	-3.66	0.06	-1333.08	0.0	0.0	0.0
	1	-3.68	10.18	-1734.69	0.0	0.0	0.0
	4	-2.43	6.62	-1132.62	0.0	0.0	0.0
11	1	-3.68	10.18	-1734.69	0.0	0.0	0.0
	1	-3.68	10.18	-1734.69	0.0	0.0	0.0
	1	-3.68	10.18	-1734.69	0.0	0.0	0.0
	1	-3.68	10.18	-1734.69	0.0	0.0	0.0
	1	-3.68	10.18	-1734.69	0.0	0.0	0.0
12	1	7.75	0.87	-1589.02	0.0	0.0	0.0
	4	5.06	0.56	-1037.62	0.0	0.0	0.0
	1	7.75	0.87	-1589.02	0.0	0.0	0.0
	1	7.75	0.87	-1589.02	0.0	0.0	0.0
	1	7.75	0.87	-1589.02	0.0	0.0	0.0
13	1	7.75	0.87	-1589.02	0.0	0.0	0.0
	1	7.71	-5.28	-1348.80	0.0	0.0	0.0
	4	5.04	-3.43	-878.91	0.0	0.0	0.0
	1	7.71	-5.28	-1348.80	0.0	0.0	0.0
	1	7.71	-5.28	-1348.80	0.0	0.0	0.0
14	1	7.71	-5.28	-1348.80	0.0	0.0	0.0
	1	7.71	-5.28	-1348.80	0.0	0.0	0.0
	1	7.71	-5.28	-1348.80	0.0	0.0	0.0
	1	7.71	-5.28	-1348.80	0.0	0.0	0.0
	1	7.71	-5.28	-1348.80	0.0	0.0	0.0
17	1	-6.16	0.06	-1496.01	0.0	0.0	0.0
	4	-4.04	0.04	-972.44	0.0	0.0	0.0
	1	-6.16	0.06	-1496.01	0.0	0.0	0.0
	1	-6.16	0.06	-1496.01	0.0	0.0	0.0
	1	-6.16	0.06	-1496.01	0.0	0.0	0.0
18	1	-6.16	0.06	-1496.01	0.0	0.0	0.0
	1	-6.19	10.10	-2112.82	0.0	0.0	0.0
	4	-4.06	6.57	-1375.90	0.0	0.0	0.0
	1	-6.19	10.10	-2112.82	0.0	0.0	0.0
	1	-6.19	10.10	-2112.82	0.0	0.0	0.0
19	1	-6.19	10.10	-2112.82	0.0	0.0	0.0
	1	-6.19	10.10	-2112.82	0.0	0.0	0.0
	1	-6.19	10.10	-2112.82	0.0	0.0	0.0
	1	-6.19	10.10	-2112.82	0.0	0.0	0.0
	1	-6.19	10.10	-2112.82	0.0	0.0	0.0
	1	11.08	0.80	-2179.14	0.0	0.0	0.0
	4	7.23	0.52	-1419.06	0.0	0.0	0.0
	1	11.08	0.80	-2179.14	0.0	0.0	0.0
	1	11.08	0.80	-2179.14	0.0	0.0	0.0
	1	11.08	0.80	-2179.14	0.0	0.0	0.0
	1	11.08	0.80	-2179.14	0.0	0.0	0.0
	1	11.03	-5.26	-1538.09	0.0	0.0	0.0
	4	7.20	-3.42	-999.70	0.0	0.0	0.0
	1	11.03	-5.26	-1538.09	0.0	0.0	0.0
	1	11.03	-5.26	-1538.09	0.0	0.0	0.0
	1	11.03	-5.26	-1538.09	0.0	0.0	0.0
	1	11.03	-5.26	-1538.09	0.0	0.0	0.0
	1	-0.02	0.05	-1494.30	0.0	0.0	0.0
	4	-0.02	0.04	-967.16	0.0	0.0	0.0
	1	-0.02	0.05	-1494.30	0.0	0.0	0.0
	1	-0.02	0.05	-1494.30	0.0	0.0	0.0
	1	-0.02	0.05	-1494.30	0.0	0.0	0.0

20	1	-0.02	0.05	-1494.30	0.0	0.0	0.0
	1	-0.03	9.99	-2086.02	0.0	0.0	0.0
	4	-0.02	6.50	-1349.59	0.0	0.0	0.0
	1	-0.03	9.99	-2086.02	0.0	0.0	0.0
	1	-0.03	9.99	-2086.02	0.0	0.0	0.0
23	1	-0.03	9.99	-2086.02	0.0	0.0	0.0
	1	-0.03	9.99	-2086.02	0.0	0.0	0.0
	1	0.05	0.69	-2098.22	0.0	0.0	0.0
	4	0.03	0.44	-1357.99	0.0	0.0	0.0
	1	0.05	0.69	-2098.22	0.0	0.0	0.0
24	1	0.05	0.69	-2098.22	0.0	0.0	0.0
	1	0.05	0.69	-2098.22	0.0	0.0	0.0
	1	0.05	0.69	-2098.22	0.0	0.0	0.0
	1	0.04	-5.22	-1501.92	0.0	0.0	0.0
	4	0.03	-3.39	-972.16	0.0	0.0	0.0
25	1	0.04	-5.22	-1501.92	0.0	0.0	0.0
	1	0.04	-5.22	-1501.92	0.0	0.0	0.0
	1	0.04	-5.22	-1501.92	0.0	0.0	0.0
	1	0.04	-5.22	-1501.92	0.0	0.0	0.0
	1	-0.03	0.05	-1519.74	0.0	0.0	0.0
26	4	-0.02	0.03	-983.25	0.0	0.0	0.0
	1	-0.03	0.05	-1519.74	0.0	0.0	0.0
	1	-0.03	0.05	-1519.74	0.0	0.0	0.0
	1	-0.03	0.05	-1519.74	0.0	0.0	0.0
	1	-0.03	0.05	-1519.74	0.0	0.0	0.0
29	1	-0.03	9.98	-2117.51	0.0	0.0	0.0
	4	-0.02	6.49	-1369.58	0.0	0.0	0.0
	1	-0.03	9.98	-2117.51	0.0	0.0	0.0
	1	-0.03	9.98	-2117.51	0.0	0.0	0.0
	1	-0.03	9.98	-2117.51	0.0	0.0	0.0
30	1	0.05	0.59	-2115.02	0.0	0.0	0.0
	4	0.03	0.38	-1368.15	0.0	0.0	0.0
	1	0.05	0.59	-2115.02	0.0	0.0	0.0
	1	0.05	0.59	-2115.02	0.0	0.0	0.0
	1	0.05	0.59	-2115.02	0.0	0.0	0.0
31	1	0.04	-5.17	-1524.87	0.0	0.0	0.0
	4	0.03	-3.36	-986.55	0.0	0.0	0.0
	1	0.04	-5.17	-1524.87	0.0	0.0	0.0
	1	0.04	-5.17	-1524.87	0.0	0.0	0.0
	1	0.04	-5.17	-1524.87	0.0	0.0	0.0
32	1	-6.16	0.05	-1585.67	0.0	0.0	0.0
	4	-4.02	0.03	-1028.59	0.0	0.0	0.0
	1	-6.16	0.05	-1585.67	0.0	0.0	0.0
	1	-6.16	0.05	-1585.67	0.0	0.0	0.0
	1	-6.16	0.05	-1585.67	0.0	0.0	0.0
35	1	-6.19	10.06	-2026.68	0.0	0.0	0.0
	4	-4.04	6.54	-1316.07	0.0	0.0	0.0
	1	-6.19	10.06	-2026.68	0.0	0.0	0.0
	1	-6.19	10.06	-2026.68	0.0	0.0	0.0
	1	-6.19	10.06	-2026.68	0.0	0.0	0.0
36	1	-6.19	10.06	-2026.68	0.0	0.0	0.0
	1	7.05	0.50	-1931.52	0.0	0.0	0.0
	4	4.58	0.32	-1254.03	0.0	0.0	0.0
	1	7.05	0.50	-1931.52	0.0	0.0	0.0
	1	7.05	0.50	-1931.52	0.0	0.0	0.0
37	1	7.05	0.50	-1931.52	0.0	0.0	0.0
	1	7.05	0.50	-1931.52	0.0	0.0	0.0
	1	7.02	-5.11	-1586.38	0.0	0.0	0.0
	4	4.56	-3.32	-1028.79	0.0	0.0	0.0
	1	7.02	-5.11	-1586.38	0.0	0.0	0.0
38	1	7.02	-5.11	-1586.38	0.0	0.0	0.0
	1	7.02	-5.11	-1586.38	0.0	0.0	0.0
	1	7.02	-5.11	-1586.38	0.0	0.0	0.0
	1	-10.61	0.05	-1603.94	0.0	0.0	0.0
	4	-6.86	0.03	-1040.99	0.0	0.0	0.0
	1	-10.61	0.05	-1603.94	0.0	0.0	0.0
	1	-10.61	0.05	-1603.94	0.0	0.0	0.0
	1	-10.61	0.05	-1603.94	0.0	0.0	0.0
	1	-10.61	0.05	-1603.94	0.0	0.0	0.0
	1	-10.66	9.98	-2303.29	0.0	0.0	0.0
	4	-6.89	6.49	-1495.13	0.0	0.0	0.0
	1	-10.66	9.98	-2303.29	0.0	0.0	0.0
	1	-10.66	9.98	-2303.29	0.0	0.0	0.0

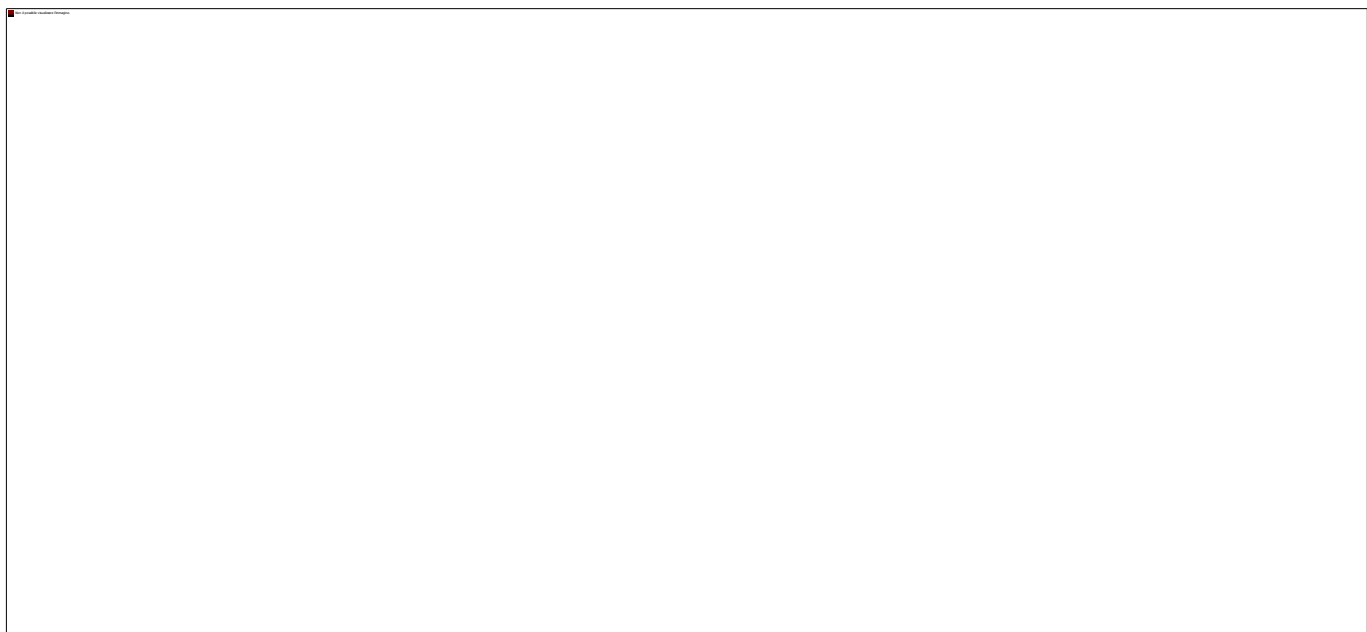
41	1	-10.66	9.98	-2303.29	0.0	0.0	0.0
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	1	11.06	0.47	-2448.19	0.0	0.0	0.0
	4	7.21	0.30	-1589.26	0.0	0.0	0.0
	1	11.06	0.47	-2448.19	0.0	0.0	0.0
42	1	11.06	0.47	-2448.19	0.0	0.0	0.0
	1	11.06	0.47	-2448.19	0.0	0.0	0.0
	1	11.06	0.47	-2448.19	0.0	0.0	0.0
	1	11.01	-5.03	-1560.07	0.0	0.0	0.0
	4	7.18	-3.27	-1011.86	0.0	0.0	0.0
43	1	11.01	-5.03	-1560.07	0.0	0.0	0.0
	1	11.01	-5.03	-1560.07	0.0	0.0	0.0
	1	11.01	-5.03	-1560.07	0.0	0.0	0.0
	1	11.01	-5.03	-1560.07	0.0	0.0	0.0
	1	-0.03	0.04	-1537.55	0.0	0.0	0.0
44	4	-0.02	0.03	-994.69	0.0	0.0	0.0
	1	-0.03	0.04	-1537.55	0.0	0.0	0.0
	1	-0.03	0.04	-1537.55	0.0	0.0	0.0
	1	-0.03	0.04	-1537.55	0.0	0.0	0.0
	1	-0.04	9.87	-2159.00	0.0	0.0	0.0
47	4	-0.03	6.43	-1396.09	0.0	0.0	0.0
	1	-0.04	9.87	-2159.00	0.0	0.0	0.0
	1	-0.04	9.87	-2159.00	0.0	0.0	0.0
	1	-0.04	9.87	-2159.00	0.0	0.0	0.0
	1	-0.04	9.87	-2159.00	0.0	0.0	0.0
48	1	0.04	0.46	-2168.96	0.0	0.0	0.0
	4	0.03	0.29	-1403.12	0.0	0.0	0.0
	1	0.04	0.46	-2168.96	0.0	0.0	0.0
	1	0.04	0.46	-2168.96	0.0	0.0	0.0
	1	0.04	0.46	-2168.96	0.0	0.0	0.0
49	1	0.03	-4.93	-1526.44	0.0	0.0	0.0
	4	0.02	-3.20	-987.58	0.0	0.0	0.0
	1	0.03	-4.93	-1526.44	0.0	0.0	0.0
	1	0.03	-4.93	-1526.44	0.0	0.0	0.0
	1	0.03	-4.93	-1526.44	0.0	0.0	0.0
50	1	-0.03	0.04	-1565.08	0.0	0.0	0.0
	4	-0.02	0.03	-1012.51	0.0	0.0	0.0
	1	-0.03	0.04	-1565.08	0.0	0.0	0.0
	1	-0.03	0.04	-1565.08	0.0	0.0	0.0
	1	-0.03	0.04	-1565.08	0.0	0.0	0.0
53	1	-0.04	9.87	-2170.86	0.0	0.0	0.0
	4	-0.03	6.42	-1403.85	0.0	0.0	0.0
	1	-0.04	9.87	-2170.86	0.0	0.0	0.0
	1	-0.04	9.87	-2170.86	0.0	0.0	0.0
	1	-0.04	9.87	-2170.86	0.0	0.0	0.0
54	1	0.04	0.45	-2122.89	0.0	0.0	0.0
	4	0.03	0.29	-1373.10	0.0	0.0	0.0
	1	0.04	0.45	-2122.89	0.0	0.0	0.0
	1	0.04	0.45	-2122.89	0.0	0.0	0.0
	1	0.04	0.45	-2122.89	0.0	0.0	0.0
55	1	0.03	-4.82	-1514.00	0.0	0.0	0.0
	4	0.02	-3.13	-979.52	0.0	0.0	0.0
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	1	0.03	-4.82	-1514.00	0.0	0.0	0.0
	1	0.03	-4.82	-1514.00	0.0	0.0	0.0
56	1	0.03	-4.82	-1514.00	0.0	0.0	0.0
	1	-8.11	0.04	-1697.73	0.0	0.0	0.0
	4	-5.27	0.03	-1100.97	0.0	0.0	0.0
	1	-8.11	0.04	-1697.73	0.0	0.0	0.0
	1	-8.11	0.04	-1697.73	0.0	0.0	0.0
59	1	-8.11	0.04	-1697.73	0.0	0.0	0.0
	1	-8.14	9.95	-2181.53	0.0	0.0	0.0
	4	-5.29	6.48	-1415.35	0.0	0.0	0.0
	1	-8.14	9.95	-2181.53	0.0	0.0	0.0
	1	-8.14	9.95	-2181.53	0.0	0.0	0.0
	1	-8.14	9.95	-2181.53	0.0	0.0	0.0
	1	-8.14	9.95	-2181.53	0.0	0.0	0.0
	1	5.41	0.47	-1909.72	0.0	0.0	0.0
	4	3.52	0.30	-1239.79	0.0	0.0	0.0
	1	5.41	0.47	-1909.72	0.0	0.0	0.0

60	1	5.41	0.47	-1909.72	0.0	0.0	0.0
	1	5.41	0.47	-1909.72	0.0	0.0	0.0
	1	5.41	0.47	-1909.72	0.0	0.0	0.0
	1	5.38	-4.69	-1552.60	0.0	0.0	0.0
	4	3.50	-3.04	-1006.90	0.0	0.0	0.0
61	1	5.38	-4.69	-1552.60	0.0	0.0	0.0
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	1	5.38	-4.69	-1552.60	0.0	0.0	0.0
	1	-9.09	0.04	-2038.42	0.0	0.0	0.0
62	4	-5.92	0.02	-1320.51	0.0	0.0	0.0
	1	-9.09	0.04	-2038.42	0.0	0.0	0.0
	1	-9.09	0.04	-2038.42	0.0	0.0	0.0
	1	-9.09	0.04	-2038.42	0.0	0.0	0.0
	1	-9.09	0.04	-2038.42	0.0	0.0	0.0
65	1	-9.14	9.96	-2663.04	0.0	0.0	0.0
	4	-5.95	6.48	-1726.44	0.0	0.0	0.0
	1	-9.14	9.96	-2663.04	0.0	0.0	0.0
	1	-9.14	9.96	-2663.04	0.0	0.0	0.0
	1	-9.14	9.96	-2663.04	0.0	0.0	0.0
66	1	11.15	0.65	-2430.69	0.0	0.0	0.0
	4	7.23	0.42	-1577.85	0.0	0.0	0.0
	1	11.15	0.65	-2430.69	0.0	0.0	0.0
	1	11.15	0.65	-2430.69	0.0	0.0	0.0
	1	11.15	0.65	-2430.69	0.0	0.0	0.0
79	1	11.09	-4.53	-1611.69	0.0	0.0	0.0
	4	7.20	-2.94	-1045.19	0.0	0.0	0.0
	1	11.09	-4.53	-1611.69	0.0	0.0	0.0
	1	11.09	-4.53	-1611.69	0.0	0.0	0.0
	1	11.09	-4.53	-1611.69	0.0	0.0	0.0
80	1	-0.05	-4.35	-1695.45	0.0	0.0	0.0
	4	-0.03	-2.83	-1097.41	0.0	0.0	0.0
	1	-0.05	-4.35	-1695.45	0.0	0.0	0.0
	1	-0.05	-4.35	-1695.45	0.0	0.0	0.0
	1	-0.05	-4.35	-1695.45	0.0	0.0	0.0
83	1	-0.05	-4.35	-1695.45	0.0	0.0	0.0
	1	-0.05	-4.35	-1695.45	0.0	0.0	0.0
	1	-0.05	-4.35	-1695.45	0.0	0.0	0.0
	1	-0.05	-4.35	-1695.45	0.0	0.0	0.0
	1	-0.05	-4.35	-1695.45	0.0	0.0	0.0
84	1	-0.05	-8.03	-2340.86	0.0	0.0	0.0
	4	-0.04	-5.23	-1514.98	0.0	0.0	0.0
	1	-0.05	-8.03	-2340.86	0.0	0.0	0.0
	1	-0.05	-8.03	-2340.86	0.0	0.0	0.0
	1	-0.05	-8.03	-2340.86	0.0	0.0	0.0
91	1	-0.05	-8.03	-2340.86	0.0	0.0	0.0
	1	0.03	1.44	-2165.53	0.0	0.0	0.0
	4	0.02	0.93	-1401.33	0.0	0.0	0.0
	1	0.03	1.44	-2165.53	0.0	0.0	0.0
	1	0.03	1.44	-2165.53	0.0	0.0	0.0
92	1	0.03	1.44	-2165.53	0.0	0.0	0.0
	1	0.03	1.44	-2165.53	0.0	0.0	0.0
	1	0.03	1.44	-2165.53	0.0	0.0	0.0
	1	0.03	1.44	-2165.53	0.0	0.0	0.0
	1	0.03	1.44	-2165.53	0.0	0.0	0.0
95	1	0.03	-3.92	-1519.11	0.0	0.0	0.0
	4	0.02	-2.54	-983.03	0.0	0.0	0.0
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	1	0.03	-3.92	-1519.11	0.0	0.0	0.0
96	1	0.03	-3.92	-1519.11	0.0	0.0	0.0
	1	-16.11	-4.59	-2343.47	0.0	0.0	0.0
	4	-10.48	-2.98	-1525.73	0.0	0.0	0.0
	1	-16.11	-4.59	-2343.47	0.0	0.0	0.0
	1	-16.11	-4.59	-2343.47	0.0	0.0	0.0
	1	-16.11	-4.59	-2343.47	0.0	0.0	0.0
	1	-16.11	-4.59	-2343.47	0.0	0.0	0.0
	1	-16.19	-8.32	-3309.15	0.0	0.0	0.0
	4	-10.53	-5.42	-2154.58	0.0	0.0	0.0
	1	-16.19	-8.32	-3309.15	0.0	0.0	0.0
	1	-16.19	-8.32	-3309.15	0.0	0.0	0.0
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	1	-16.19	-8.32	-3309.15	0.0	0.0	0.0
	1	-16.19	-8.32	-3309.15	0.0	0.0	0.0
	1	12.16	2.19	-3519.27	0.0	0.0	0.0
	4	7.90	1.42	-2290.78	0.0	0.0	0.0
	1	12.16	2.19	-3519.27	0.0	0.0	0.0
	1	12.16	2.19	-3519.27	0.0	0.0	0.0
	1	12.16	2.19	-3519.27	0.0	0.0	0.0
	1	12.16	2.19	-3519.27	0.0	0.0	0.0
	1	12.16	2.19	-3519.27	0.0	0.0	0.0
	1	12.10	-3.35	-2142.09	0.0	0.0	0.0
	4	7.87	-2.18	-1394.81	0.0	0.0	0.0

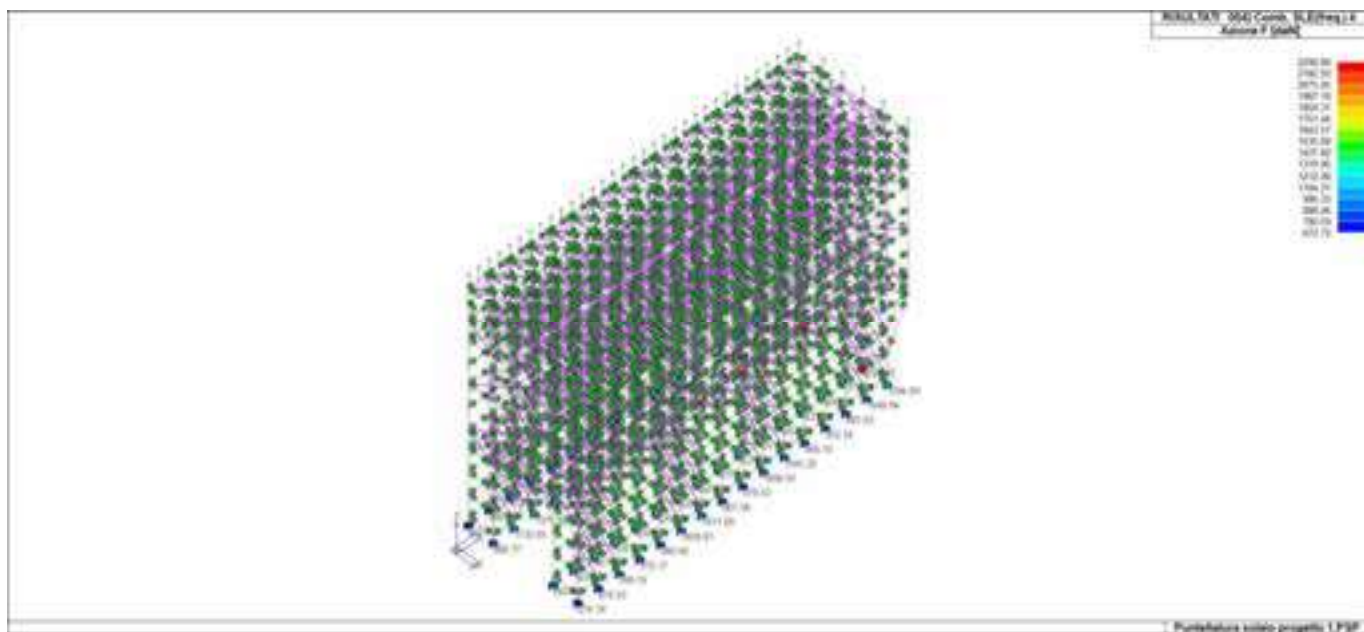
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	1	12.10	-3.35	-2142.09	0.0	0.0	0.0
	1	4.72e-03	-4.17	-2481.54	0.0	0.0	0.0
	4	3.16e-03	-2.71	-1606.46	0.0	0.0	0.0
	1	4.72e-03	-4.17	-2481.54	0.0	0.0	0.0
	1	4.72e-03	-4.17	-2481.54	0.0	0.0	0.0
	1	4.72e-03	-4.17	-2481.54	0.0	0.0	0.0
	1	4.72e-03	-4.17	-2481.54	0.0	0.0	0.0
98	1	-3.77e-03	-7.62	-2904.70	0.0	0.0	0.0
	4	-2.32e-03	-4.96	-1877.21	0.0	0.0	0.0
	1	-3.77e-03	-7.62	-2904.70	0.0	0.0	0.0
	1	-3.77e-03	-7.62	-2904.70	0.0	0.0	0.0
	1	-3.77e-03	-7.62	-2904.70	0.0	0.0	0.0
101	1	-3.77e-03	-7.62	-2904.70	0.0	0.0	0.0
	1	0.08	1.15	-2200.03	0.0	0.0	0.0
	4	0.05	0.75	-1421.96	0.0	0.0	0.0
	1	0.08	1.15	-2200.03	0.0	0.0	0.0
	1	0.08	1.15	-2200.03	0.0	0.0	0.0
102	1	0.08	1.15	-2200.03	0.0	0.0	0.0
	1	0.08	1.15	-2200.03	0.0	0.0	0.0
	1	0.07	-4.15	-1473.14	0.0	0.0	0.0
	4	0.05	-2.69	-952.24	0.0	0.0	0.0
	1	0.07	-4.15	-1473.14	0.0	0.0	0.0
174	1	0.07	-4.15	-1473.14	0.0	0.0	0.0
	1	0.07	-4.15	-1473.14	0.0	0.0	0.0
	1	0.07	-4.15	-1473.14	0.0	0.0	0.0
	1	0.07	-4.15	-1473.14	0.0	0.0	0.0
	1	0.09	0.89	-2248.91	0.0	0.0	0.0
175	4	0.06	0.58	-1454.21	0.0	0.0	0.0
	1	0.09	0.89	-2248.91	0.0	0.0	0.0
	1	0.09	0.89	-2248.91	0.0	0.0	0.0
	1	0.09	0.89	-2248.91	0.0	0.0	0.0
	1	0.09	0.89	-2248.91	0.0	0.0	0.0
870	1	0.09	-4.35	-1463.24	0.0	0.0	0.0
	4	0.06	-2.83	-946.13	0.0	0.0	0.0
	1	0.09	-4.35	-1463.24	0.0	0.0	0.0
	1	0.09	-4.35	-1463.24	0.0	0.0	0.0
	1	0.09	-4.35	-1463.24	0.0	0.0	0.0
871	1	0.09	-4.35	-1463.24	0.0	0.0	0.0
	1	-9.48	-4.49	-1688.22	0.0	0.0	0.0
	4	-6.20	-2.92	-1096.96	0.0	0.0	0.0
	1	-9.48	-4.49	-1688.22	0.0	0.0	0.0
	1	-9.48	-4.49	-1688.22	0.0	0.0	0.0
872	1	-9.48	-4.49	-1688.22	0.0	0.0	0.0
	1	-9.48	-4.49	-1688.22	0.0	0.0	0.0
	1	-9.53	-8.46	-2041.14	0.0	0.0	0.0
	4	-6.23	-5.51	-1329.06	0.0	0.0	0.0
	1	-9.53	-8.46	-2041.14	0.0	0.0	0.0
873	1	-9.53	-8.46	-2041.14	0.0	0.0	0.0
	1	-9.53	-8.46	-2041.14	0.0	0.0	0.0
	1	-9.53	-8.46	-2041.14	0.0	0.0	0.0
	1	-9.53	-8.46	-2041.14	0.0	0.0	0.0
	1	3.83	1.76	-2110.31	0.0	0.0	0.0
	4	2.52	1.14	-1374.39	0.0	0.0	0.0
	1	3.83	1.76	-2110.31	0.0	0.0	0.0
	1	3.83	1.76	-2110.31	0.0	0.0	0.0
	1	3.83	1.76	-2110.31	0.0	0.0	0.0
	1	3.83	1.76	-2110.31	0.0	0.0	0.0
	1	3.81	-3.65	-1614.03	0.0	0.0	0.0
	4	2.51	-2.37	-1048.93	0.0	0.0	0.0
	1	3.81	-3.65	-1614.03	0.0	0.0	0.0
	1	3.81	-3.65	-1614.03	0.0	0.0	0.0
	1	3.81	-3.65	-1614.03	0.0	0.0	0.0
	1	3.81	-3.65	-1614.03	0.0	0.0	0.0
	1	3.81	-3.65	-1614.03	0.0	0.0	0.0
	1	3.81	-3.65	-1614.03	0.0	0.0	0.0
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	1	3.81	-3.65	-1614.03	0.0	0.0	0.0



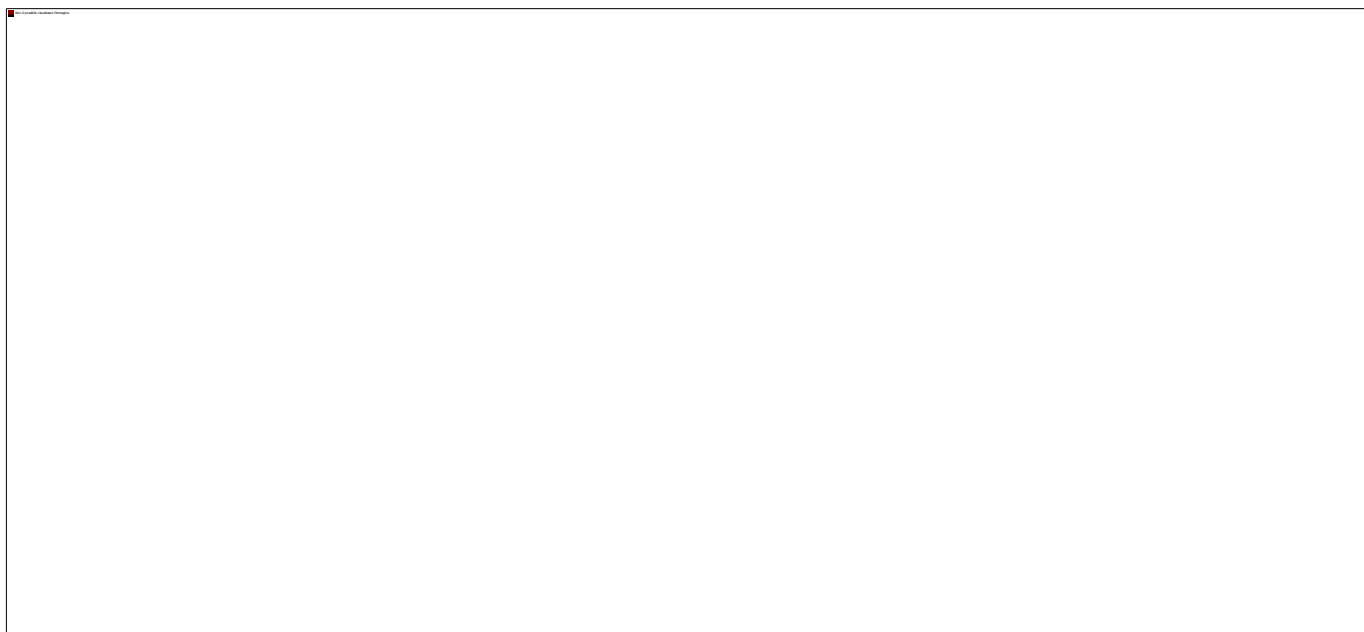
42_RIS_REAZIONI_001_Comb. SLU A1 1



42_RIS_REAZIONI_003_Comb. SLE(rara) 3



42_RIS_REAZIONI_004_Comb. SLE(freq.) 4



42_RIS_REAZIONI_005_Comb. SLE(perm.) 5

RISULTATI ELEMENTI TIPO TRAVE

LEGENDA RISULTATI ELEMENTI TIPO TRAVE

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

Gli elementi vengono suddivisi in relazione alle proprietà in elementi:

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

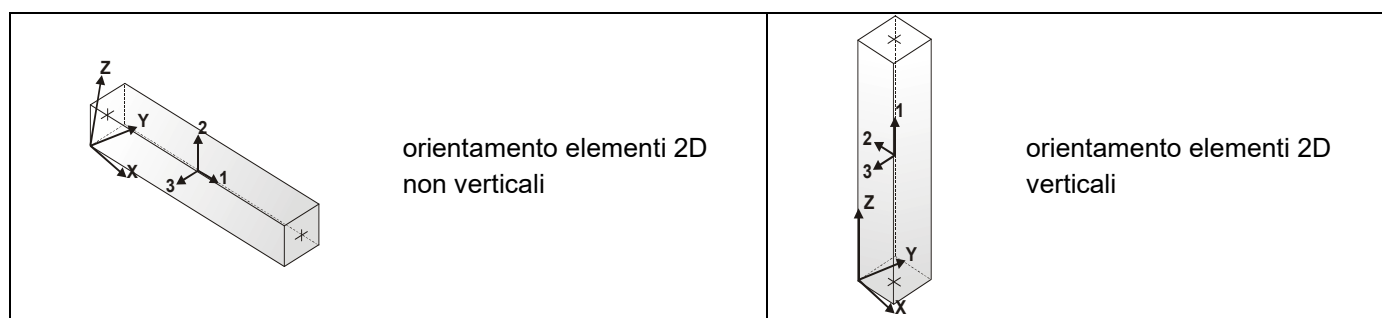
Per ogni elemento e per ogni combinazione (o caso di carico) vengono riportati i risultati più significativi.

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

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

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

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



Pilas.	Cmb	M3 mx/mn daN cm	M2 mx/mn daN cm	D 2 / D 3 cm	Q 2 / Q 3 daN	Pos. cm	N daN	V 2 daN	V 3 daN	T daN cm	M 2 daN cm	M 3 daN cm
1320	1	0.0	0.0	0.0	0.0	0.0	-15.83	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-12.13	0.0	0.0	0.0	0.0	0.0
1320	2	0.0	0.0	0.0	0.0	0.0	-12.19	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-9.35	0.0	0.0	0.0	0.0	0.0
1320	3	0.0	0.0	0.0	0.0	0.0	-12.18	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-9.34	0.0	0.0	0.0	0.0	0.0
1320	4	0.0	0.0	0.0	0.0	0.0	-12.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-9.28	0.0	0.0	0.0	0.0	0.0
1320	5	0.0	0.0	0.0	0.0	0.0	-12.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-9.28	0.0	0.0	0.0	0.0	0.0
1321	1	0.0	0.0	0.0	0.0	0.0	-15.67	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-11.97	0.0	0.0	0.0	0.0	0.0
1321	2	0.0	0.0	0.0	0.0	0.0	-12.05	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-9.21	0.0	0.0	0.0	0.0	0.0
1321	3	0.0	0.0	0.0	0.0	0.0	-12.05	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-9.20	0.0	0.0	0.0	0.0	0.0
1321	4	0.0	0.0	0.0	0.0	0.0	-12.04	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-9.20	0.0	0.0	0.0	0.0	0.0
1321	5	0.0	0.0	0.0	0.0	0.0	-12.04	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-9.20	0.0	0.0	0.0	0.0	0.0
1322	1	0.0	0.0	0.0	0.0	0.0	-23.59	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-19.90	0.0	0.0	0.0	0.0	0.0
1322	2	0.0	0.0	0.0	0.0	0.0	-18.16	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-15.31	0.0	0.0	0.0	0.0	0.0
1322	3	0.0	0.0	0.0	0.0	0.0	-18.14	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-15.30	0.0	0.0	0.0	0.0	0.0
1322	4	0.0	0.0	0.0	0.0	0.0	-18.11	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-15.27	0.0	0.0	0.0	0.0	0.0
1322	5	0.0	0.0	0.0	0.0	0.0	-18.11	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-15.27	0.0	0.0	0.0	0.0	0.0
1323	1	0.0	0.0	0.0	0.0	0.0	-31.39	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-27.69	0.0	0.0	0.0	0.0	0.0
1323	2	0.0	0.0	0.0	0.0	0.0	-24.42	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-21.57	0.0	0.0	0.0	0.0	0.0
1323	3	0.0	0.0	0.0	0.0	0.0	-24.03	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-21.19	0.0	0.0	0.0	0.0	0.0
1323	4	0.0	0.0	0.0	0.0	0.0	-23.23	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-20.38	0.0	0.0	0.0	0.0	0.0
1323	5	0.0	0.0	0.0	0.0	0.0	-23.23	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-20.38	0.0	0.0	0.0	0.0	0.0
1324	1	0.0	0.0	0.0	0.0	0.0	-17.80	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-14.10	0.0	0.0	0.0	0.0	0.0
1324	2	0.0	0.0	0.0	0.0	0.0	-13.70	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-10.86	0.0	0.0	0.0	0.0	0.0
1324	3	0.0	0.0	0.0	0.0	0.0	-13.69	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-10.84	0.0	0.0	0.0	0.0	0.0
1324	4	0.0	0.0	0.0	0.0	0.0	-13.66	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-10.82	0.0	0.0	0.0	0.0	0.0
1324	5	0.0	0.0	0.0	0.0	0.0	-13.66	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-10.82	0.0	0.0	0.0	0.0	0.0
1325	1	0.0	0.0	0.0	0.0	0.0	-18.33	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-14.63	0.0	0.0	0.0	0.0	0.0
1325	2	0.0	0.0	0.0	0.0	0.0	-14.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-11.29	0.0	0.0	0.0	0.0	0.0
1325	3	0.0	0.0	0.0	0.0	0.0	-14.09	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-11.25	0.0	0.0	0.0	0.0	0.0
1325	4	0.0	0.0	0.0	0.0	0.0	-14.00	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-11.15	0.0	0.0	0.0	0.0	0.0
1325	5	0.0	0.0	0.0	0.0	0.0	-14.00	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-11.15	0.0	0.0	0.0	0.0	0.0
1326	1	0.0	0.0	0.0	0.0	0.0	-23.55	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-19.85	0.0	0.0	0.0	0.0	0.0
1326	2	0.0	0.0	0.0	0.0	0.0	-18.12	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-15.28	0.0	0.0	0.0	0.0	0.0
1326	3	0.0	0.0	0.0	0.0	0.0	-18.11	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-15.27	0.0	0.0	0.0	0.0	0.0
1326	4	0.0	0.0	0.0	0.0	0.0	-18.09	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-15.24	0.0	0.0	0.0	0.0	0.0
1326	5	0.0	0.0	0.0	0.0	0.0	-18.09	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-15.24	0.0	0.0	0.0	0.0	0.0
1327	1	0.0	0.0	0.0	0.0	0.0	-28.87	0.0	0.0	0.0	0.0	0.0

1327	2	0.0	0.0	0.0	0.0	80.0	-25.18	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	0.0	-22.39	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-19.54	0.0	0.0	0.0	0.0	0.0
1327	3	0.0	0.0	0.0	0.0	0.0	-22.12	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-19.28	0.0	0.0	0.0	0.0	0.0
1327	4	0.0	0.0	0.0	0.0	0.0	-21.61	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-18.77	0.0	0.0	0.0	0.0	0.0
1327	5	0.0	0.0	0.0	0.0	0.0	-21.61	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-18.77	0.0	0.0	0.0	0.0	0.0
1328	1	0.0	0.0	0.0	0.0	0.0	-17.93	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-14.23	0.0	0.0	0.0	0.0	0.0
1328	2	0.0	0.0	0.0	0.0	0.0	-13.80	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-10.96	0.0	0.0	0.0	0.0	0.0
1328	3	0.0	0.0	0.0	0.0	0.0	-13.79	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-10.94	0.0	0.0	0.0	0.0	0.0
1328	4	0.0	0.0	0.0	0.0	0.0	-13.75	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-10.90	0.0	0.0	0.0	0.0	0.0
1328	5	0.0	0.0	0.0	0.0	0.0	-13.75	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-10.90	0.0	0.0	0.0	0.0	0.0
1329	1	0.0	0.0	0.0	0.0	0.0	-18.02	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-14.32	0.0	0.0	0.0	0.0	0.0
1329	2	0.0	0.0	0.0	0.0	0.0	-13.89	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-11.04	0.0	0.0	0.0	0.0	0.0
1329	3	0.0	0.0	0.0	0.0	0.0	-13.85	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-11.00	0.0	0.0	0.0	0.0	0.0
1329	4	0.0	0.0	0.0	0.0	0.0	-13.79	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-10.95	0.0	0.0	0.0	0.0	0.0
1329	5	0.0	0.0	0.0	0.0	0.0	-13.79	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-10.95	0.0	0.0	0.0	0.0	0.0
1330	1	0.0	0.0	0.0	0.0	0.0	-23.86	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-20.16	0.0	0.0	0.0	0.0	0.0
1330	2	0.0	0.0	0.0	0.0	0.0	-18.38	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-15.53	0.0	0.0	0.0	0.0	0.0
1330	3	0.0	0.0	0.0	0.0	0.0	-18.34	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-15.50	0.0	0.0	0.0	0.0	0.0
1330	4	0.0	0.0	0.0	0.0	0.0	-18.28	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-15.43	0.0	0.0	0.0	0.0	0.0
1330	5	0.0	0.0	0.0	0.0	0.0	-18.28	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-15.43	0.0	0.0	0.0	0.0	0.0
1331	1	0.0	0.0	0.0	0.0	0.0	-29.93	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-26.23	0.0	0.0	0.0	0.0	0.0
1331	2	0.0	0.0	0.0	0.0	0.0	-23.20	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-20.35	0.0	0.0	0.0	0.0	0.0
1331	3	0.0	0.0	0.0	0.0	0.0	-22.91	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-20.06	0.0	0.0	0.0	0.0	0.0
1331	4	0.0	0.0	0.0	0.0	0.0	-22.38	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-19.54	0.0	0.0	0.0	0.0	0.0
1331	5	0.0	0.0	0.0	0.0	0.0	-22.38	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-19.54	0.0	0.0	0.0	0.0	0.0
1332	1	0.0	0.0	0.0	0.0	0.0	-17.93	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-14.23	0.0	0.0	0.0	0.0	0.0
1332	2	0.0	0.0	0.0	0.0	0.0	-13.82	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-10.98	0.0	0.0	0.0	0.0	0.0
1332	3	0.0	0.0	0.0	0.0	0.0	-13.78	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-10.94	0.0	0.0	0.0	0.0	0.0
1332	4	0.0	0.0	0.0	0.0	0.0	-13.71	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-10.86	0.0	0.0	0.0	0.0	0.0
1332	5	0.0	0.0	0.0	0.0	0.0	-13.71	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-10.86	0.0	0.0	0.0	0.0	0.0
1333	1	0.0	0.0	0.0	0.0	0.0	-38.76	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-35.07	0.0	0.0	0.0	0.0	0.0
1333	2	0.0	0.0	0.0	0.0	0.0	-30.44	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-27.60	0.0	0.0	0.0	0.0	0.0
1333	3	0.0	0.0	0.0	0.0	0.0	-29.53	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-26.69	0.0	0.0	0.0	0.0	0.0
1333	4	0.0	0.0	0.0	0.0	0.0	-27.67	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-24.83	0.0	0.0	0.0	0.0	0.0
1333	5	0.0	0.0	0.0	0.0	0.0	-27.67	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-24.83	0.0	0.0	0.0	0.0	0.0
1334	1	0.0	0.0	0.0	0.0	0.0	-18.19	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-14.49	0.0	0.0	0.0	0.0	0.0
1334	2	0.0	0.0	0.0	0.0	0.0	-14.02	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-11.17	0.0	0.0	0.0	0.0	0.0
1334	3	0.0	0.0	0.0	0.0	0.0	-13.98	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-11.14	0.0	0.0	0.0	0.0	0.0
1334	4	0.0	0.0	0.0	0.0	0.0	-13.91	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-11.06	0.0	0.0	0.0	0.0	0.0

1334	5	0.0	0.0	0.0	0.0	0.0	-13.91	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-11.06	0.0	0.0	0.0	0.0	0.0
1335	1	0.0	0.0	0.0	0.0	0.0	-23.37	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-19.67	0.0	0.0	0.0	0.0	0.0
1335	2	0.0	0.0	0.0	0.0	0.0	-18.15	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-15.30	0.0	0.0	0.0	0.0	0.0
1335	3	0.0	0.0	0.0	0.0	0.0	-17.87	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-15.03	0.0	0.0	0.0	0.0	0.0
1335	4	0.0	0.0	0.0	0.0	0.0	-17.39	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-14.55	0.0	0.0	0.0	0.0	0.0
1335	5	0.0	0.0	0.0	0.0	0.0	-17.39	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-14.55	0.0	0.0	0.0	0.0	0.0
1336	1	0.0	0.0	0.0	0.0	0.0	-23.79	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-20.09	0.0	0.0	0.0	0.0	0.0
1336	2	0.0	0.0	0.0	0.0	0.0	-18.31	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-15.47	0.0	0.0	0.0	0.0	0.0
1336	3	0.0	0.0	0.0	0.0	0.0	-18.29	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-15.45	0.0	0.0	0.0	0.0	0.0
1336	4	0.0	0.0	0.0	0.0	0.0	-18.25	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-15.41	0.0	0.0	0.0	0.0	0.0
1336	5	0.0	0.0	0.0	0.0	0.0	-18.25	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-15.41	0.0	0.0	0.0	0.0	0.0
1337	1	0.0	0.0	0.0	0.0	0.0	-24.91	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-21.21	0.0	0.0	0.0	0.0	0.0
1337	2	0.0	0.0	0.0	0.0	0.0	-19.23	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-16.39	0.0	0.0	0.0	0.0	0.0
1337	3	0.0	0.0	0.0	0.0	0.0	-19.10	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-16.26	0.0	0.0	0.0	0.0	0.0
1337	4	0.0	0.0	0.0	0.0	0.0	-18.90	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-16.05	0.0	0.0	0.0	0.0	0.0
1337	5	0.0	0.0	0.0	0.0	0.0	-18.90	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-16.05	0.0	0.0	0.0	0.0	0.0
1338	1	0.0	0.0	0.0	0.0	0.0	-43.15	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-39.46	0.0	0.0	0.0	0.0	0.0
1338	2	0.0	0.0	0.0	0.0	0.0	-33.82	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-30.97	0.0	0.0	0.0	0.0	0.0
1338	3	0.0	0.0	0.0	0.0	0.0	-32.92	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-30.07	0.0	0.0	0.0	0.0	0.0
1338	4	0.0	0.0	0.0	0.0	0.0	-31.11	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-28.27	0.0	0.0	0.0	0.0	0.0
1338	5	0.0	0.0	0.0	0.0	0.0	-31.11	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-28.27	0.0	0.0	0.0	0.0	0.0
1339	1	0.0	0.0	0.0	0.0	0.0	-23.78	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-20.08	0.0	0.0	0.0	0.0	0.0
1339	2	0.0	0.0	0.0	0.0	0.0	-18.31	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-15.46	0.0	0.0	0.0	0.0	0.0
1339	3	0.0	0.0	0.0	0.0	0.0	-18.28	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-15.43	0.0	0.0	0.0	0.0	0.0
1339	4	0.0	0.0	0.0	0.0	0.0	-18.22	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-15.37	0.0	0.0	0.0	0.0	0.0
1339	5	0.0	0.0	0.0	0.0	0.0	-18.22	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-15.37	0.0	0.0	0.0	0.0	0.0
1345	1	0.0	0.0	0.0	0.0	0.0	-18.18	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-14.48	0.0	0.0	0.0	0.0	0.0
1345	2	0.0	0.0	0.0	0.0	0.0	-13.99	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-11.15	0.0	0.0	0.0	0.0	0.0
1345	3	0.0	0.0	0.0	0.0	0.0	-13.98	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-11.13	0.0	0.0	0.0	0.0	0.0
1345	4	0.0	0.0	0.0	0.0	0.0	-13.97	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-11.13	0.0	0.0	0.0	0.0	0.0
1345	5	0.0	0.0	0.0	0.0	0.0	-13.97	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-11.13	0.0	0.0	0.0	0.0	0.0
1346	1	0.0	0.0	0.0	0.0	0.0	-17.84	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-14.14	0.0	0.0	0.0	0.0	0.0
1346	2	0.0	0.0	0.0	0.0	0.0	-13.73	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-10.89	0.0	0.0	0.0	0.0	0.0
1346	3	0.0	0.0	0.0	0.0	0.0	-13.72	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-10.87	0.0	0.0	0.0	0.0	0.0
1346	4	0.0	0.0	0.0	0.0	0.0	-13.69	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-10.85	0.0	0.0	0.0	0.0	0.0
1346	5	0.0	0.0	0.0	0.0	0.0	-13.69	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-10.85	0.0	0.0	0.0	0.0	0.0
1347	1	0.0	0.0	0.0	0.0	0.0	-24.75	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-21.05	0.0	0.0	0.0	0.0	0.0
1347	2	0.0	0.0	0.0	0.0	0.0	-19.11	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-16.26	0.0	0.0	0.0	0.0	0.0
1347	3	0.0	0.0	0.0	0.0	0.0	-19.01	0.0	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	80.0	-16.16	0.0	0.0	0.0	0.0	0.0
1347	4	0.0	0.0	0.0	0.0	0.0	-18.81	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-15.96	0.0	0.0	0.0	0.0	0.0
1347	5	0.0	0.0	0.0	0.0	0.0	-18.81	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-15.96	0.0	0.0	0.0	0.0	0.0
1348	1	0.0	0.0	0.0	0.0	0.0	-53.30	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-49.60	0.0	0.0	0.0	0.0	0.0
1348	2	0.0	0.0	0.0	0.0	0.0	-41.91	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-39.06	0.0	0.0	0.0	0.0	0.0
1348	3	0.0	0.0	0.0	0.0	0.0	-40.58	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-37.73	0.0	0.0	0.0	0.0	0.0
1348	4	0.0	0.0	0.0	0.0	0.0	-37.85	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-35.00	0.0	0.0	0.0	0.0	0.0
1348	5	0.0	0.0	0.0	0.0	0.0	-37.85	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-35.00	0.0	0.0	0.0	0.0	0.0
1350	1	0.0	0.0	0.0	0.0	0.0	-27.24	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-23.55	0.0	0.0	0.0	0.0	0.0
1350	2	0.0	0.0	0.0	0.0	0.0	-21.06	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-18.22	0.0	0.0	0.0	0.0	0.0
1350	3	0.0	0.0	0.0	0.0	0.0	-20.89	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-18.04	0.0	0.0	0.0	0.0	0.0
1350	4	0.0	0.0	0.0	0.0	0.0	-20.60	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-17.76	0.0	0.0	0.0	0.0	0.0
1350	5	0.0	0.0	0.0	0.0	0.0	-20.60	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-17.76	0.0	0.0	0.0	0.0	0.0
1351	1	0.0	0.0	0.0	0.0	0.0	-23.33	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-19.63	0.0	0.0	0.0	0.0	0.0
1351	2	0.0	0.0	0.0	0.0	0.0	-17.94	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-15.10	0.0	0.0	0.0	0.0	0.0
1351	3	0.0	0.0	0.0	0.0	0.0	-17.95	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-15.10	0.0	0.0	0.0	0.0	0.0
1351	4	0.0	0.0	0.0	0.0	0.0	-17.95	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-15.11	0.0	0.0	0.0	0.0	0.0
1351	5	0.0	0.0	0.0	0.0	0.0	-17.95	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-15.11	0.0	0.0	0.0	0.0	0.0
1352	1	0.0	0.0	0.0	0.0	0.0	-51.74	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-48.04	0.0	0.0	0.0	0.0	0.0
1352	2	0.0	0.0	0.0	0.0	0.0	-42.18	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-39.33	0.0	0.0	0.0	0.0	0.0
1352	3	0.0	0.0	0.0	0.0	0.0	-38.74	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-35.90	0.0	0.0	0.0	0.0	0.0
1352	4	0.0	0.0	0.0	0.0	0.0	-31.92	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-29.07	0.0	0.0	0.0	0.0	0.0
1352	5	0.0	0.0	0.0	0.0	0.0	-31.92	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-29.07	0.0	0.0	0.0	0.0	0.0
1353	1	0.0	0.0	0.0	0.0	0.0	-83.41	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-79.72	0.0	0.0	0.0	0.0	0.0
1353	2	0.0	0.0	0.0	0.0	0.0	-66.54	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-63.70	0.0	0.0	0.0	0.0	0.0
1353	3	0.0	0.0	0.0	0.0	0.0	-63.10	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-60.26	0.0	0.0	0.0	0.0	0.0
1353	4	0.0	0.0	0.0	0.0	0.0	-56.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-53.42	0.0	0.0	0.0	0.0	0.0
1353	5	0.0	0.0	0.0	0.0	0.0	-56.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-53.42	0.0	0.0	0.0	0.0	0.0
1355	1	0.0	0.0	0.0	0.0	0.0	-78.10	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-74.40	0.0	0.0	0.0	0.0	0.0
1355	2	0.0	0.0	0.0	0.0	0.0	-62.26	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-59.42	0.0	0.0	0.0	0.0	0.0
1355	3	0.0	0.0	0.0	0.0	0.0	-59.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-56.28	0.0	0.0	0.0	0.0	0.0
1355	4	0.0	0.0	0.0	0.0	0.0	-52.82	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-49.98	0.0	0.0	0.0	0.0	0.0
1355	5	0.0	0.0	0.0	0.0	0.0	-52.82	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-49.98	0.0	0.0	0.0	0.0	0.0
1356	1	0.0	0.0	0.0	0.0	0.0	-50.09	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-46.39	0.0	0.0	0.0	0.0	0.0
1356	2	0.0	0.0	0.0	0.0	0.0	-40.70	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-37.85	0.0	0.0	0.0	0.0	0.0
1356	3	0.0	0.0	0.0	0.0	0.0	-37.59	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-34.75	0.0	0.0	0.0	0.0	0.0
1356	4	0.0	0.0	0.0	0.0	0.0	-31.33	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-28.49	0.0	0.0	0.0	0.0	0.0
1356	5	0.0	0.0	0.0	0.0	0.0	-31.33	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-28.49	0.0	0.0	0.0	0.0	0.0
1357	1	0.0	0.0	0.0	0.0	0.0	-28.56	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-24.86	0.0	0.0	0.0	0.0	0.0

1357	2	0.0	0.0	0.0	0.0	0.0	-22.15	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-19.31	0.0	0.0	0.0	0.0	0.0
1357	3	0.0	0.0	0.0	0.0	0.0	-21.94	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-19.09	0.0	0.0	0.0	0.0	0.0
1357	4	0.0	0.0	0.0	0.0	0.0	-21.37	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-18.52	0.0	0.0	0.0	0.0	0.0
1357	5	0.0	0.0	0.0	0.0	0.0	-21.37	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-18.52	0.0	0.0	0.0	0.0	0.0
1358	1	0.0	0.0	0.0	0.0	0.0	-23.53	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-19.83	0.0	0.0	0.0	0.0	0.0
1358	2	0.0	0.0	0.0	0.0	0.0	-18.10	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-15.26	0.0	0.0	0.0	0.0	0.0
1358	3	0.0	0.0	0.0	0.0	0.0	-18.09	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-15.25	0.0	0.0	0.0	0.0	0.0
1358	4	0.0	0.0	0.0	0.0	0.0	-18.07	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-15.23	0.0	0.0	0.0	0.0	0.0
1358	5	0.0	0.0	0.0	0.0	0.0	-18.07	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-15.23	0.0	0.0	0.0	0.0	0.0
1359	1	0.0	0.0	0.0	0.0	0.0	-19.66	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-15.96	0.0	0.0	0.0	0.0	0.0
1359	2	0.0	0.0	0.0	0.0	0.0	-15.19	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-12.34	0.0	0.0	0.0	0.0	0.0
1359	3	0.0	0.0	0.0	0.0	0.0	-15.09	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-12.24	0.0	0.0	0.0	0.0	0.0
1359	4	0.0	0.0	0.0	0.0	0.0	-14.94	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-12.09	0.0	0.0	0.0	0.0	0.0
1359	5	0.0	0.0	0.0	0.0	0.0	-14.94	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-12.09	0.0	0.0	0.0	0.0	0.0
1360	1	0.0	0.0	0.0	0.0	0.0	-17.86	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-14.16	0.0	0.0	0.0	0.0	0.0
1360	2	0.0	0.0	0.0	0.0	0.0	-13.75	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-10.90	0.0	0.0	0.0	0.0	0.0
1360	3	0.0	0.0	0.0	0.0	0.0	-13.73	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-10.88	0.0	0.0	0.0	0.0	0.0
1360	4	0.0	0.0	0.0	0.0	0.0	-13.70	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-10.85	0.0	0.0	0.0	0.0	0.0
1360	5	0.0	0.0	0.0	0.0	0.0	-13.70	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	80.0	-10.85	0.0	0.0	0.0	0.0	0.0
1417	1	-38.39	6.10	-5.52e-03	0.0	0.0	-881.11	-0.84	-0.09	0.0	6.10	-38.39
		-132.35	-3.95	-9.54e-03	0.0	112.0	-875.93	-0.84	-0.09	0.0	-3.95	-132.35
1417	2	-30.96	4.93	-4.46e-03	0.0	0.0	-711.34	-0.68	-0.07	0.0	4.93	-30.96
		-106.81	-3.16	-7.70e-03	0.0	112.0	-707.36	-0.68	-0.07	0.0	-3.16	-106.81
1417	3	-28.89	4.58	-4.17e-03	0.0	0.0	-662.86	-0.63	-0.07	0.0	4.58	-28.89
		-99.51	-2.85	-7.20e-03	0.0	112.0	-658.88	-0.63	-0.07	0.0	-2.85	-99.51
1417	4	-24.76	3.87	-3.58e-03	0.0	0.0	-565.93	-0.54	-0.06	0.0	3.87	-24.76
		-84.97	-2.44	-6.18e-03	0.0	112.0	-561.95	-0.54	-0.06	0.0	-2.44	-84.97
1417	5	-24.76	3.87	-3.58e-03	0.0	0.0	-565.93	-0.54	-0.06	0.0	3.87	-24.76
		-84.97	-2.44	-6.18e-03	0.0	112.0	-561.95	-0.54	-0.06	0.0	-2.44	-84.97
1418	1	-30.50	54.00	-3.83e-03	0.0	0.0	-1428.88	-0.71	-1.36	0.0	54.00	-30.50
		-109.90	-98.83	-3.72e-03	0.0	112.0	-1423.70	-0.71	-1.36	0.0	-98.83	-109.90
1418	2	-24.59	43.69	-3.10e-03	0.0	0.0	-1154.35	-0.57	-1.11	0.0	43.69	-24.59
		-88.70	-80.09	-2.98e-03	0.0	112.0	-1150.36	-0.57	-1.11	0.0	-80.09	-88.70
1418	3	-22.95	40.52	-2.90e-03	0.0	0.0	-1074.52	-0.53	-1.02	0.0	40.52	-22.95
		-82.61	-74.04	-2.84e-03	0.0	112.0	-1070.53	-0.53	-1.02	0.0	-74.04	-82.61
1418	4	-19.66	34.28	-2.49e-03	0.0	0.0	-914.99	-0.45	-0.86	0.0	34.28	-19.66
		-70.49	-62.25	-2.52e-03	0.0	112.0	-911.01	-0.45	-0.86	0.0	-62.25	-70.49
1418	5	-19.66	34.28	-2.49e-03	0.0	0.0	-914.99	-0.45	-0.86	0.0	34.28	-19.66
		-70.49	-62.25	-2.52e-03	0.0	112.0	-911.01	-0.45	-0.86	0.0	-62.25	-70.49
1419	1	110.88	45.48	4.04e-03	0.0	0.0	-1432.30	0.71	-1.20	0.0	45.48	31.28
		31.28	-89.29	-5.18e-03	0.0	112.0	-1427.12	0.71	-1.20	0.0	-89.29	110.88
1419	2	89.54	36.84	3.25e-03	0.0	0.0	-1157.10	0.57	-0.98	0.0	36.84	25.23
		25.23	-72.42	-4.15e-03	0.0	112.0	-1153.12	0.57	-0.98	0.0	-72.42	89.54
1419	3	83.47	34.24	3.02e-03	0.0	0.0	-1077.18	0.54	-0.90	0.0	34.24	23.54
		23.54	-67.10	-3.89e-03	0.0	112.0	-1073.19	0.54	-0.90	0.0	-67.10	83.47
1419	4	71.28	28.90	2.58e-03	0.0	0.0	-917.39	0.46	-0.76	0.0	28.90	20.16
		20.16	-56.11	-3.45e-03	0.0	112.0	-913.41	0.46	-0.76	0.0	-56.11	71.28
1419	5	71.28	28.90	2.58e-03	0.0	0.0	-917.39	0.46	-0.76	0.0	28.90	20.16
		20.16	-56.11	-3.45e-03	0.0	112.0	-913.41	0.46	-0.76	0.0	-56.11	71.28
1421	1	53.51	-21.33	8.02e-03	0.0	0.0	-2130.48	1.49	0.25	0.0	-46.35	-95.95
		-95.95	-46.35	-0.03	0.0	100.0	-2125.86	1.49	0.25	0.0	-21.33	53.51
1421	2	43.07	-17.14	6.45e-03	0.0	0.0	-1715.66	1.20	0.20	0.0	-37.35	-77.19
		-77.19	-37.35	-0.02	0.0	100.0	-1712.11	1.20	0.20	0.0	-17.14	43.07
1421	3	40.32	-16.09	6.05e-03	0.0	0.0	-1604.79	1.13	0.19	0.0	-34.92	-72.32
		-72.32	-34.92	-0.02	0.0	100.0	-1601.23	1.13	0.19	0.0	-16.09	40.32
1421	4	34.80	-13.98	5.24e-03	0.0	0.0	-1382.87	0.97	0.16	0.0	-30.02	-62.58
		-62.58	-30.02	-0.02	0.0	100.0	-1379.32	0.97	0.16	0.0	-13.98	34.80
1421	5	34.80	-13.98	5.24e-03	0.0	0.0	-1382.87	0.97	0.16	0.0	-30.02	-62.58



		-62.58	-30.02	-0.02	0.0	100.0	-1379.32	0.97	0.16	0.0	-13.98	34.80
1424	1	51.18	-150.48	7.97e-03	0.0	0.0	-1478.03	1.47	4.71	0.0	-621.39	-95.45
		-95.45	-621.39	-0.08	0.0	100.0	-1473.41	1.47	4.71	0.0	-150.48	51.18
1424	2	41.20	-121.23	6.41e-03	0.0	0.0	-1190.94	1.18	3.79	0.0	-500.30	-76.79
		-76.79	-500.30	-0.06	0.0	100.0	-1187.38	1.18	3.79	0.0	-121.23	41.20
1424	3	38.56	-113.33	6.01e-03	0.0	0.0	-1112.91	1.10	3.55	0.0	-468.09	-71.94
		-71.94	-468.09	-0.06	0.0	100.0	-1109.36	1.10	3.55	0.0	-113.33	38.56
1424	4	33.29	-97.51	5.21e-03	0.0	0.0	-956.98	0.96	3.06	0.0	-403.62	-62.26
		-62.26	-403.62	-0.05	0.0	100.0	-953.43	0.96	3.06	0.0	-97.51	33.29
1424	5	33.29	-97.51	5.21e-03	0.0	0.0	-956.98	0.96	3.06	0.0	-403.62	-62.26
		-62.26	-403.62	-0.05	0.0	100.0	-953.43	0.96	3.06	0.0	-97.51	33.29
1426	1	-35.41	5.94	-4.24e-03	0.0	0.0	-1114.78	-0.78	-0.04	0.0	5.94	-35.41
		-122.94	1.31	-9.53e-03	0.0	112.0	-1109.61	-0.78	-0.04	0.0	1.31	-122.94
1426	2	-28.54	4.80	-3.42e-03	0.0	0.0	-901.11	-0.63	-0.03	0.0	4.80	-28.54
		-99.20	1.10	-7.69e-03	0.0	112.0	-897.12	-0.63	-0.03	0.0	1.10	-99.20
1426	3	-26.66	4.46	-3.21e-03	0.0	0.0	-838.19	-0.59	-0.03	0.0	4.46	-26.66
		-92.44	1.10	-7.20e-03	0.0	112.0	-834.21	-0.59	-0.03	0.0	1.10	-92.44
1426	4	-22.88	3.78	-2.76e-03	0.0	0.0	-712.30	-0.50	-0.03	0.0	3.78	-22.88
		-79.00	0.89	-6.18e-03	0.0	112.0	-708.31	-0.50	-0.03	0.0	0.89	-79.00
1426	5	-22.88	3.78	-2.76e-03	0.0	0.0	-712.30	-0.50	-0.03	0.0	3.78	-22.88
		-79.00	0.89	-6.18e-03	0.0	112.0	-708.31	-0.50	-0.03	0.0	0.89	-79.00
1427	1	-25.89	51.61	2.84e-03	0.0	0.0	-1703.60	-0.62	-1.24	0.0	51.61	-25.89
		-94.82	-87.23	-3.65e-03	0.0	112.0	-1698.43	-0.62	-1.24	0.0	-87.23	-94.82
1427	2	-20.87	41.76	2.30e-03	0.0	0.0	-1378.33	-0.50	-1.00	0.0	41.76	-20.87
		-76.55	-70.72	-2.92e-03	0.0	112.0	-1374.35	-0.50	-1.00	0.0	-70.72	-76.55
1427	3	-19.49	38.73	2.13e-03	0.0	0.0	-1280.34	-0.46	-0.93	0.0	38.73	-19.49
		-71.28	-65.34	-2.79e-03	0.0	112.0	-1276.36	-0.46	-0.93	0.0	-65.34	-71.28
1427	4	-16.72	32.76	1.81e-03	0.0	0.0	-1084.31	-0.39	-0.78	0.0	32.76	-16.72
		-60.81	-54.83	-2.48e-03	0.0	112.0	-1080.33	-0.39	-0.78	0.0	-54.83	-60.81
1427	5	-16.72	32.76	1.81e-03	0.0	0.0	-1084.31	-0.39	-0.78	0.0	32.76	-16.72
		-60.81	-54.83	-2.48e-03	0.0	112.0	-1080.33	-0.39	-0.78	0.0	-54.83	-60.81
1428	1	92.32	43.02	-2.62e-03	0.0	0.0	-1722.75	0.59	-1.08	0.0	43.02	92.32
		26.35	-77.58	-5.11e-03	0.0	112.0	-1717.57	0.59	-1.08	0.0	-77.58	26.35
1428	2	74.56	34.85	-2.12e-03	0.0	0.0	-1393.74	0.48	-0.87	0.0	34.85	74.56
		21.25	-62.97	-4.10e-03	0.0	112.0	-1389.76	0.48	-0.87	0.0	-62.97	21.25
1428	3	69.50	32.38	-1.98e-03	0.0	0.0	-1294.62	0.44	-0.81	0.0	32.38	69.50
		19.84	-58.27	-3.84e-03	0.0	112.0	-1290.64	0.44	-0.81	0.0	-58.27	19.84
1428	4	59.29	27.30	-1.69e-03	0.0	0.0	-1096.16	0.38	-0.68	0.0	27.30	59.29
		17.01	-48.55	-3.40e-03	0.0	112.0	-1092.18	0.38	-0.68	0.0	-48.55	17.01
1428	5	59.29	27.30	-1.69e-03	0.0	0.0	-1096.16	0.38	-0.68	0.0	27.30	59.29
		17.01	-48.55	-3.40e-03	0.0	112.0	-1092.18	0.38	-0.68	0.0	-48.55	17.01
1429	1	121.10	-28.70	4.54e-03	0.0	0.0	-1117.76	0.76	-0.23	0.0	-28.70	35.81
		35.81	-54.91	-0.01	0.0	112.0	-1112.58	0.76	-0.23	0.0	-54.91	121.10
1429	2	97.75	-23.00	3.66e-03	0.0	0.0	-903.49	0.61	-0.19	0.0	-23.00	28.87
		28.87	-43.88	-8.20e-03	0.0	112.0	-899.51	0.61	-0.19	0.0	-43.88	97.75
1429	3	91.16	-21.63	3.41e-03	0.0	0.0	-840.38	0.57	-0.18	0.0	-21.63	26.95
		26.95	-41.59	-7.63e-03	0.0	112.0	-836.39	0.57	-0.18	0.0	-41.59	91.16
1429	4	77.91	-19.03	2.92e-03	0.0	0.0	-714.20	0.49	-0.16	0.0	-19.03	23.13
		23.13	-36.67	-6.55e-03	0.0	112.0	-710.21	0.49	-0.16	0.0	-36.67	77.91
1429	5	77.91	-19.03	2.92e-03	0.0	0.0	-714.20	0.49	-0.16	0.0	-19.03	23.13
		23.13	-36.67	-6.55e-03	0.0	112.0	-710.21	0.49	-0.16	0.0	-36.67	77.91
1430	1	-40.20	9.03	-4.66e-03	0.0	0.0	-1244.43	-0.90	0.04	0.0	9.03	-40.20
		-140.79	4.45	-9.52e-03	0.0	112.0	-1239.25	-0.90	0.04	0.0	4.45	-140.79
1430	2	-32.43	7.33	-3.76e-03	0.0	0.0	-1006.18	-0.73	0.03	0.0	7.33	-32.43
		-113.67	3.60	-7.68e-03	0.0	112.0	-1002.19	-0.73	0.03	0.0	3.60	-113.67
1430	3	-30.28	6.88	-3.51e-03	0.0	0.0	-935.62	-0.68	0.03	0.0	6.88	-30.28
		-106.03	3.35	-7.18e-03	0.0	112.0	-931.63	-0.68	0.03	0.0	3.35	-106.03
1430	4	-25.93	5.77	-3.01e-03	0.0	0.0	-794.25	-0.58	0.03	0.0	5.77	-25.93
		-90.47	2.85	-6.17e-03	0.0	112.0	-790.27	-0.58	0.03	0.0	2.85	-90.47
1430	5	-25.93	5.77	-3.01e-03	0.0	0.0	-794.25	-0.58	0.03	0.0	5.77	-25.93
		-90.47	2.85	-6.17e-03	0.0	112.0	-790.27	-0.58	0.03	0.0	2.85	-90.47
1431	1	-29.50	41.48	3.38e-03	0.0	0.0	-1885.18	-0.71	-0.92	0.0	41.48	-29.50
		-109.24	-61.78	-4.51e-03	0.0	112.0	-1880.00	-0.71	-0.92	0.0	-61.78	-109.24
1431	2	-23.80	33.58	2.73e-03	0.0	0.0	-1525.83	-0.58	-0.75	0.0	33.58	-23.80
		-88.24	-50.16	-3.61e-03	0.0	112.0	-1521.85	-0.58	-0.75	0.0	-50.16	-88.24
1431	3	-22.22	31.12	2.54e-03	0.0	0.0	-1416.30	-0.54	-0.69	0.0	31.12	-22.22
		-82.25	-46.23	-3.43e-03	0.0	112.0	-1412.31	-0.54	-0.69	0.0	-46.23	-82.25
1431	4	-19.01	26.27	2.16e-03	0.0	0.0	-1197.71	-0.46	-0.58	0.0	26.27	-19.01
		-70.06	-38.55	-3.03e-03	0.0	112.0	-1193.73	-0.46	-0.58	0.0	-38.55	-70.06
1431	5	-19.01	26.27	2.16e-03	0.0	0.0	-1197.71	-0.46	-0.58	0.0	26.27	-19.01
		-70.06	-38.55	-3.03e-03	0.0	112.0	-1193.73	-0.46	-0.58	0.0	-38.55	-70.06
1432	1	106.10	32.54	-2.99e-03	0.0	0.0	-1860.36	0.68	-0.75	0.0	32.54	29.62
		29.62	-50.91	-5.98e-03	0.0	112.0	-1855.19	0.68	-0.75	0.0	-50.91	106.10
1432	2	85.75	26.39	-2.42e-03	0.0	0.0	-1505.82	0.55	-0.61	0.0	26.39	85.75
		23.90	-41.44	-4.79e-03	0.0	112.0	-1501.84	0.55	-0.61	0.0	-41.44	23.90
1432	3	79.70	24.48	-2.24e-03	0.0	0.0	-1398.04	0.51	-0.56	0.0	24.48	22.27
		22.27	-38.19	-4.50e-03	0.0	112.0	-1394.06	0.51	-0.56	0.0	-38.19	79.70

1432	4	67.87	20.54	-1.91e-03	0.0	0.0	-1182.42	0.44	-0.46	0.0	20.54	19.06
		19.06	-31.42	-3.97e-03	0.0	112.0	-1178.44	0.44	-0.46	0.0	-31.42	67.87
1432	5	67.87	20.54	-1.91e-03	0.0	0.0	-1182.42	0.44	-0.46	0.0	20.54	19.06
		19.06	-31.42	-3.97e-03	0.0	112.0	-1178.44	0.44	-0.46	0.0	-31.42	67.87
1433	1	137.79	-29.91	5.35e-03	0.0	0.0	-1237.49	0.87	-0.15	0.0	-29.91	40.68
		40.68	-47.25	-0.01	0.0	112.0	-1232.31	0.87	-0.15	0.0	-47.25	137.79
1433	2	111.28	-23.99	4.31e-03	0.0	0.0	-1000.58	0.70	-0.12	0.0	-23.99	32.82
		32.82	-37.68	-8.17e-03	0.0	112.0	-996.60	0.70	-0.12	0.0	-37.68	111.28
1433	3	103.52	-22.54	4.02e-03	0.0	0.0	-930.18	0.65	-0.12	0.0	-22.54	30.59
		30.59	-35.83	-7.59e-03	0.0	112.0	-926.20	0.65	-0.12	0.0	-35.83	103.52
1433	4	88.35	-19.78	3.45e-03	0.0	0.0	-789.67	0.55	-0.11	0.0	-19.78	26.21
		26.21	-31.82	-6.52e-03	0.0	112.0	-785.68	0.55	-0.11	0.0	-31.82	88.35
1433	5	88.35	-19.78	3.45e-03	0.0	0.0	-789.67	0.55	-0.11	0.0	-19.78	26.21
		26.21	-31.82	-6.52e-03	0.0	112.0	-785.68	0.55	-0.11	0.0	-31.82	88.35
1434	1	-49.88	14.20	-6.75e-03	0.0	0.0	-1300.12	-1.10	0.10	0.0	3.42	-49.88
		-173.59	3.42	-9.50e-03	0.0	112.0	-1294.94	-1.10	0.10	0.0	14.20	-173.59
1434	2	-40.29	11.51	-5.46e-03	0.0	0.0	-1051.13	-0.89	0.08	0.0	2.76	-40.29
		-140.27	2.76	-7.67e-03	0.0	112.0	-1047.15	-0.89	0.08	0.0	11.51	-140.27
1434	3	-37.52	10.75	-5.10e-03	0.0	0.0	-977.43	-0.83	0.07	0.0	2.58	-37.52
		-130.46	2.58	-7.17e-03	0.0	112.0	-973.45	-0.83	0.07	0.0	10.75	-130.46
1434	4	-31.97	9.03	-4.33e-03	0.0	0.0	-829.99	-0.70	0.06	0.0	2.20	-31.97
		-110.92	2.20	-6.16e-03	0.0	112.0	-826.01	-0.70	0.06	0.0	9.03	-110.92
1434	5	-31.97	9.03	-4.33e-03	0.0	0.0	-829.99	-0.70	0.06	0.0	2.20	-31.97
		-110.92	2.20	-6.16e-03	0.0	112.0	-826.01	-0.70	0.06	0.0	9.03	-110.92
1435	1	-40.84	31.84	-4.67e-03	0.0	0.0	-2024.45	-0.98	-0.63	0.0	31.84	-40.84
		-150.25	-39.08	-5.46e-03	0.0	112.0	-2019.27	-0.98	-0.63	0.0	-39.08	-150.25
1435	2	-32.99	25.76	-3.78e-03	0.0	0.0	-1637.52	-0.79	-0.51	0.0	25.76	-32.99
		-121.43	-31.76	-4.39e-03	0.0	112.0	-1633.53	-0.79	-0.51	0.0	-31.76	-121.43
1435	3	-30.71	23.88	-3.53e-03	0.0	0.0	-1521.63	-0.73	-0.47	0.0	23.88	-30.71
		-112.90	-29.18	-4.15e-03	0.0	112.0	-1517.64	-0.73	-0.47	0.0	-29.18	-112.90
1435	4	-26.15	20.15	-2.99e-03	0.0	0.0	-1289.84	-0.62	-0.40	0.0	20.15	-26.15
		-95.89	-24.13	-3.63e-03	0.0	112.0	-1285.86	-0.62	-0.40	0.0	-24.13	-95.89
1435	5	-26.15	20.15	-2.99e-03	0.0	0.0	-1289.84	-0.62	-0.40	0.0	20.15	-26.15
		-95.89	-24.13	-3.63e-03	0.0	112.0	-1285.86	-0.62	-0.40	0.0	-24.13	-95.89
1436	1	144.65	22.30	5.97e-03	0.0	0.0	-2022.91	0.93	-0.44	0.0	22.30	40.61
		40.61	-26.46	-7.05e-03	0.0	112.0	-2017.74	0.93	-0.44	0.0	-26.46	144.65
1436	2	117.00	18.11	4.82e-03	0.0	0.0	-1636.35	0.75	-0.36	0.0	18.11	32.81
		32.81	-21.67	-5.66e-03	0.0	112.0	-1632.37	0.75	-0.36	0.0	-21.67	117.00
1436	3	108.82	16.80	4.47e-03	0.0	0.0	-1520.44	0.70	-0.33	0.0	16.80	30.55
		30.55	-19.83	-5.30e-03	0.0	112.0	-1516.46	0.70	-0.33	0.0	-19.83	108.82
1436	4	92.40	14.04	3.82e-03	0.0	0.0	-1288.47	0.59	-0.27	0.0	14.04	26.04
		26.04	-15.92	-4.64e-03	0.0	112.0	-1284.48	0.59	-0.27	0.0	-15.92	92.40
1436	5	92.40	14.04	3.82e-03	0.0	0.0	-1288.47	0.59	-0.27	0.0	14.04	26.04
		26.04	-15.92	-4.64e-03	0.0	112.0	-1284.48	0.59	-0.27	0.0	-15.92	92.40
1437	1	168.94	-30.13	8.12e-03	0.0	0.0	-1306.67	1.06	-0.11	0.0	-30.13	50.04
		50.04	-42.47	-0.01	0.0	112.0	-1301.49	1.06	-0.11	0.0	-42.47	168.94
1437	2	136.58	-24.17	6.55e-03	0.0	0.0	-1056.39	0.86	-0.09	0.0	-24.17	40.41
		40.41	-33.83	-8.12e-03	0.0	112.0	-1052.41	0.86	-0.09	0.0	-33.83	136.58
1437	3	127.09	-22.70	6.09e-03	0.0	0.0	-982.32	0.80	-0.09	0.0	-22.70	37.64
		37.64	-32.26	-7.55e-03	0.0	112.0	-978.34	0.80	-0.09	0.0	-32.26	127.09
1437	4	108.04	-19.90	5.20e-03	0.0	0.0	-834.16	0.68	-0.08	0.0	-19.90	32.11
		32.11	-28.83	-6.48e-03	0.0	112.0	-830.18	0.68	-0.08	0.0	-28.83	108.04
1437	5	108.04	-19.90	5.20e-03	0.0	0.0	-834.16	0.68	-0.08	0.0	-19.90	32.11
		32.11	-28.83	-6.48e-03	0.0	112.0	-830.18	0.68	-0.08	0.0	-28.83	108.04
1438	1	-51.53	16.34	-6.59e-03	0.0	0.0	-1322.33	-1.15	0.12	0.0	3.23	-51.53
		-180.26	3.23	-9.49e-03	0.0	112.0	-1317.16	-1.15	0.12	0.0	16.34	-180.26
1438	2	-41.63	13.23	-5.33e-03	0.0	0.0	-1069.13	-0.93	0.09	0.0	2.61	-41.63
		-145.70	2.61	-7.66e-03	0.0	112.0	-1065.15	-0.93	0.09	0.0	13.23	-145.70
1438	3	-38.76	12.34	-4.97e-03	0.0	0.0	-994.07	-0.86	0.09	0.0	2.44	-38.76
		-135.51	2.44	-7.17e-03	0.0	112.0	-990.08	-0.86	0.09	0.0	12.34	-135.51
1438	4	-33.00	10.35	-4.22e-03	0.0	0.0	-843.92	-0.73	0.07	0.0	2.09	-33.00
		-115.16	2.09	-6.15e-03	0.0	112.0	-839.94	-0.73	0.07	0.0	10.35	-115.16
1438	5	-33.00	10.35	-4.22e-03	0.0	0.0	-843.92	-0.73	0.07	0.0	2.09	-33.00
		-115.16	2.09	-6.15e-03	0.0	112.0	-839.94	-0.73	0.07	0.0	10.35	-115.16
1439	1	-42.08	24.07	-4.42e-03	0.0	0.0	-2074.10	-1.01	-0.41	0.0	24.07	-42.08
		-155.51	-21.52	-6.38e-03	0.0	112.0	-2068.92	-1.01	-0.41	0.0	-21.52	-155.51
1439	2	-34.00	19.46	-3.58e-03	0.0	0.0	-1677.82	-0.82	-0.33	0.0	19.46	-34.00
		-125.70	-17.49	-5.13e-03	0.0	112.0	-1673.84	-0.82	-0.33	0.0	-17.49	-125.70
1439	3	-31.65	18.04	-3.33e-03	0.0	0.0	-1558.93	-0.76	-0.30	0.0	18.04	-31.65
		-116.86	-15.98	-4.83e-03	0.0	112.0	-1554.95	-0.76	-0.30	0.0	-15.98	-116.86
1439	4	-26.93	15.23	-2.82e-03	0.0	0.0	-1321.09	-0.65	-0.25	0.0	15.23	-26.93
		-99.22	-13.04	-4.21e-03	0.0	112.0	-1317.11	-0.65	-0.25	0.0	-13.04	-99.22
1439	5	-26.93	15.23	-2.82e-03	0.0	0.0	-1321.09	-0.65	-0.25	0.0	15.23	-26.93
		-99.22	-13.04	-4.21e-03	0.0	112.0	-1317.11	-0.65	-0.25	0.0	-13.04	-99.22
1440	1	147.95	13.58	6.41e-03	0.0	0.0	-2082.24	0.95	-0.19	0.0	13.58	41.26
		41.26	-7.28	-8.07e-03	0.0	112.0	-2077.06	0.95	-0.19	0.0	-7.28	147.95
1440	2	119.69	11.05	5.17e-03	0.0	0.0	-1684.35	0.77	-0.15	0.0	11.05	33.33





		33.33	-6.13	-6.48e-03	0.0	112.0	-1680.37	0.77	-0.15	0.0	-6.13	119.69
1440	3	111.30	10.26	4.81e-03	0.0	0.0	-1565.03	0.72	-0.14	0.0	10.26	31.04
		31.04	-5.43	-6.06e-03	0.0	112.0	-1561.05	0.72	-0.14	0.0	-5.43	111.30
1440	4	94.47	8.50	4.10e-03	0.0	0.0	-1326.27	0.61	-0.11	0.0	8.50	26.46
		26.46	-3.76	-5.29e-03	0.0	112.0	-1322.28	0.61	-0.11	0.0	-3.76	94.47
1440	5	94.47	8.50	4.10e-03	0.0	0.0	-1326.27	0.61	-0.11	0.0	8.50	26.46
		26.46	-3.76	-5.29e-03	0.0	112.0	-1322.28	0.61	-0.11	0.0	-3.76	94.47
1441	1	173.28	-29.70	8.62e-03	0.0	0.0	-1328.50	1.09	-0.10	0.0	-29.70	50.90
		50.90	-40.93	-9.99e-03	0.0	112.0	-1323.32	1.09	-0.10	0.0	-40.93	173.28
1441	2	140.14	-23.82	6.96e-03	0.0	0.0	-1074.09	0.88	-0.08	0.0	-23.82	41.11
		41.11	-32.59	-8.07e-03	0.0	112.0	-1070.11	0.88	-0.08	0.0	-32.59	140.14
1441	3	130.37	-22.37	6.48e-03	0.0	0.0	-998.70	0.82	-0.08	0.0	-22.37	38.29
		38.29	-31.12	-7.50e-03	0.0	112.0	-994.72	0.82	-0.08	0.0	-31.12	130.37
1441	4	110.77	-19.59	5.53e-03	0.0	0.0	-847.87	0.70	-0.07	0.0	-19.59	32.66
		32.66	-27.92	-6.44e-03	0.0	112.0	-843.88	0.70	-0.07	0.0	-27.92	110.77
1441	5	110.77	-19.59	5.53e-03	0.0	0.0	-847.87	0.70	-0.07	0.0	-19.59	32.66
		32.66	-27.92	-6.44e-03	0.0	112.0	-843.88	0.70	-0.07	0.0	-27.92	110.77
1442	1	-44.06	17.29	4.35e-03	0.0	0.0	-1340.17	-0.99	0.12	0.0	3.61	-44.06
		-155.44	3.61	-9.49e-03	0.0	112.0	-1334.99	-0.99	0.12	0.0	17.29	-155.44
1442	2	-35.56	14.02	3.52e-03	0.0	0.0	-1083.73	-0.80	0.10	0.0	2.91	-35.56
		-125.55	2.91	-7.66e-03	0.0	112.0	-1079.74	-0.80	0.10	0.0	14.02	-125.55
1442	3	-33.14	13.07	3.27e-03	0.0	0.0	-1007.42	-0.75	0.09	0.0	2.72	-33.14
		-116.89	2.72	-7.17e-03	0.0	112.0	-1003.44	-0.75	0.09	0.0	13.07	-116.89
1442	4	-28.30	10.96	2.79e-03	0.0	0.0	-854.77	-0.64	0.08	0.0	2.34	-28.30
		-99.57	2.34	-6.15e-03	0.0	112.0	-850.78	-0.64	0.08	0.0	10.96	-99.57
1442	5	-28.30	10.96	2.79e-03	0.0	0.0	-854.77	-0.64	0.08	0.0	2.34	-28.30
		-99.57	2.34	-6.15e-03	0.0	112.0	-850.78	-0.64	0.08	0.0	10.96	-99.57
1443	1	-32.52	17.58	4.23e-03	0.0	0.0	-2112.56	-0.79	-0.22	0.0	17.58	-32.52
		-121.21	-7.30	-7.25e-03	0.0	112.0	-2107.38	-0.79	-0.22	0.0	-7.30	-121.21
1443	2	-26.25	14.18	3.42e-03	0.0	0.0	-1709.51	-0.64	-0.18	0.0	14.18	-26.25
		-97.93	-5.92	-5.84e-03	0.0	112.0	-1705.53	-0.64	-0.18	0.0	-5.92	-97.93
1443	3	-24.46	13.15	3.18e-03	0.0	0.0	-1587.30	-0.60	-0.16	0.0	13.15	-24.46
		-91.14	-5.25	-5.49e-03	0.0	112.0	-1583.32	-0.60	-0.16	0.0	-5.25	-91.14
1443	4	-20.87	11.11	2.71e-03	0.0	0.0	-1342.83	-0.51	-0.13	0.0	11.11	-20.87
		-77.54	-4.00	-4.77e-03	0.0	112.0	-1338.85	-0.51	-0.13	0.0	-4.00	-77.54
1443	5	-20.87	11.11	2.71e-03	0.0	0.0	-1342.83	-0.51	-0.13	0.0	11.11	-20.87
		-77.54	-4.00	-4.77e-03	0.0	112.0	-1338.85	-0.51	-0.13	0.0	-4.00	-77.54
1444	1	113.31	8.77	3.84e-03	0.0	0.0	-2127.03	0.74	0.03	0.0	5.75	30.99
		30.99	5.75	-9.06e-03	0.0	112.0	-2121.85	0.74	0.03	0.0	8.77	113.31
1444	2	91.56	6.87	3.10e-03	0.0	0.0	-1721.30	0.59	0.02	0.0	4.71	25.01
		25.01	4.71	-7.29e-03	0.0	112.0	-1717.32	0.59	0.02	0.0	6.87	91.56
1444	3	85.16	6.62	2.88e-03	0.0	0.0	-1598.49	0.55	0.02	0.0	4.38	23.31
		23.31	4.38	-6.81e-03	0.0	112.0	-1594.51	0.55	0.02	0.0	6.62	85.16
1444	4	72.37	6.49	2.47e-03	0.0	0.0	-1352.53	0.47	0.03	0.0	3.49	19.93
		19.93	3.49	-5.93e-03	0.0	112.0	-1348.54	0.47	0.03	0.0	6.49	72.37
1444	5	72.37	6.49	2.47e-03	0.0	0.0	-1352.53	0.47	0.03	0.0	3.49	19.93
		19.93	3.49	-5.93e-03	0.0	112.0	-1348.54	0.47	0.03	0.0	6.49	72.37
1445	1	147.80	-28.93	6.50e-03	0.0	0.0	-1346.63	0.94	-0.10	0.0	-28.93	42.40
		42.40	-40.55	-9.92e-03	0.0	112.0	-1341.45	0.94	-0.10	0.0	-40.55	147.80
1445	2	119.39	-23.19	5.25e-03	0.0	0.0	-1088.95	0.76	-0.08	0.0	-23.19	34.22
		34.22	-32.27	-8.01e-03	0.0	112.0	-1084.96	0.76	-0.08	0.0	-32.27	119.39
1445	3	111.11	-21.79	4.89e-03	0.0	0.0	-1012.31	0.71	-0.08	0.0	-21.79	31.90
		31.90	-30.83	-7.45e-03	0.0	112.0	-1008.33	0.71	-0.08	0.0	-30.83	111.11
1445	4	94.61	-19.08	4.19e-03	0.0	0.0	-858.97	0.60	-0.08	0.0	-19.08	27.28
		27.28	-27.72	-6.39e-03	0.0	112.0	-854.99	0.60	-0.08	0.0	-27.72	94.61
1445	5	94.61	-19.08	4.19e-03	0.0	0.0	-858.97	0.60	-0.08	0.0	-19.08	27.28
		27.28	-27.72	-6.39e-03	0.0	112.0	-854.99	0.60	-0.08	0.0	-27.72	94.61
1446	1	-45.62	17.11	4.58e-03	0.0	0.0	-1344.83	-1.03	0.11	0.0	4.26	-45.62
		-160.55	4.26	-9.49e-03	0.0	112.0	-1339.65	-1.03	0.11	0.0	17.11	-160.55
1446	2	-36.83	13.89	3.70e-03	0.0	0.0	-1087.63	-0.83	0.09	0.0	3.43	-36.83
		-129.69	3.43	-7.66e-03	0.0	112.0	-1083.65	-0.83	0.09	0.0	13.89	-129.69
1446	3	-34.32	12.95	3.44e-03	0.0	0.0	-1010.90	-0.77	0.09	0.0	3.20	-34.32
		-120.76	3.20	-7.17e-03	0.0	112.0	-1006.92	-0.77	0.09	0.0	12.95	-120.76
1446	4	-29.30	10.85	2.93e-03	0.0	0.0	-857.42	-0.66	0.07	0.0	2.75	-29.30
		-102.88	2.75	-6.15e-03	0.0	112.0	-853.43	-0.66	0.07	0.0	10.85	-102.88
1446	5	-29.30	10.85	2.93e-03	0.0	0.0	-857.42	-0.66	0.07	0.0	2.75	-29.30
		-102.88	2.75	-6.15e-03	0.0	112.0	-853.43	-0.66	0.07	0.0	10.85	-102.88
1447	1	-33.73	13.19	4.42e-03	0.0	0.0	-2039.43	-0.81	-0.09	0.0	13.19	-33.73
		-124.16	3.36	-8.01e-03	0.0	112.0	-2034.25	-0.81	-0.09	0.0	3.36	-124.16
1447	2	-27.24	10.65	3.57e-03	0.0	0.0	-1650.80	-0.65	-0.07	0.0	10.65	-27.24
		-100.32	2.66	-6.45e-03	0.0	112.0	-1646.82	-0.65	-0.07	0.0	2.66	-100.32
1447	3	-25.37	9.87	3.32e-03	0.0	0.0	-1532.48	-0.61	-0.06	0.0	9.87	-25.37
		-93.37	2.73	-6.06e-03	0.0	112.0	-1528.50	-0.61	-0.06	0.0	2.73	-93.37
1447	4	-21.64	8.34	2.83e-03	0.0	0.0	-1295.60	-0.52	-0.05	0.0	8.34	-21.64
		-79.47	2.79	-5.24e-03	0.0	112.0	-1291.62	-0.52	-0.05	0.0	2.79	-79.47
1447	5	-21.64	8.34	2.83e-03	0.0	0.0	-1295.60	-0.52	-0.05	0.0	8.34	-21.64
		-79.47	2.79	-5.24e-03	0.0	112.0	-1291.62	-0.52	-0.05	0.0	2.79	-79.47

1448	1	120.08	22.69	3.59e-03	0.0	0.0	-1962.89	0.81	0.21	0.0	-0.67	29.21
		29.21	-0.67	-9.97e-03	0.0	112.0	-1957.72	0.81	0.21	0.0	22.69	120.08
1448	2	97.06	18.11	2.90e-03	0.0	0.0	-1589.06	0.66	0.17	0.0	-0.49	23.57
		23.57	-0.49	-8.02e-03	0.0	112.0	-1585.08	0.66	0.17	0.0	18.11	97.06
1448	3	90.29	17.03	2.70e-03	0.0	0.0	-1474.87	0.61	0.16	0.0	-0.41	21.98
		21.98	-0.41	-7.48e-03	0.0	112.0	-1470.88	0.61	0.16	0.0	17.03	90.29
1448	4	76.74	15.29	2.30e-03	0.0	0.0	-1246.39	0.52	0.14	0.0	-0.52	18.80
		18.80	-0.52	-6.49e-03	0.0	112.0	-1242.41	0.52	0.14	0.0	15.29	76.74
1448	5	76.74	15.29	2.30e-03	0.0	0.0	-1246.39	0.52	0.14	0.0	-0.52	18.80
		18.80	-0.52	-6.49e-03	0.0	112.0	-1242.41	0.52	0.14	0.0	15.29	76.74
1449	1	158.50	-27.89	6.39e-03	0.0	0.0	-1374.43	1.05	-0.12	0.0	-27.89	40.87
		40.87	-41.01	-9.84e-03	0.0	112.0	-1369.25	1.05	-0.12	0.0	-41.01	158.50
1449	2	128.05	-22.36	5.16e-03	0.0	0.0	-1111.27	0.85	-0.09	0.0	-22.36	32.97
		32.97	-32.63	-7.95e-03	0.0	112.0	-1107.29	0.85	-0.09	0.0	-32.63	128.05
1449	3	119.23	-21.01	4.81e-03	0.0	0.0	-1033.28	0.79	-0.09	0.0	-21.01	30.76
		30.76	-31.15	-7.39e-03	0.0	112.0	-1029.30	0.79	-0.09	0.0	-31.15	119.23
1449	4	101.59	-18.41	4.11e-03	0.0	0.0	-877.35	0.67	-0.09	0.0	-18.41	26.33
		26.33	-28.00	-6.34e-03	0.0	112.0	-873.37	0.67	-0.09	0.0	-28.00	101.59
1449	5	101.59	-18.41	4.11e-03	0.0	0.0	-877.35	0.67	-0.09	0.0	-18.41	26.33
		26.33	-28.00	-6.34e-03	0.0	112.0	-873.37	0.67	-0.09	0.0	-28.00	101.59
1450	1	-53.22	15.00	-6.37e-03	0.0	0.0	-1338.21	-1.18	0.09	0.0	5.34	-53.22
		-185.85	5.34	-9.50e-03	0.0	112.0	-1333.03	-1.18	0.09	0.0	15.00	-185.85
1450	2	-42.98	12.20	-5.15e-03	0.0	0.0	-1081.94	-0.96	0.07	0.0	4.30	-42.98
		-150.17	4.30	-7.66e-03	0.0	112.0	-1077.96	-0.96	0.07	0.0	12.20	-150.17
1450	3	-40.02	11.38	-4.79e-03	0.0	0.0	-1006.05	-0.89	0.07	0.0	4.01	-40.02
		-139.70	4.01	-7.17e-03	0.0	112.0	-1002.07	-0.89	0.07	0.0	11.38	-139.70
1450	4	-34.09	9.50	-4.07e-03	0.0	0.0	-854.27	-0.76	0.05	0.0	3.44	-34.09
		-118.80	3.44	-6.16e-03	0.0	112.0	-850.29	-0.76	0.05	0.0	9.50	-118.80
1450	5	-34.09	9.50	-4.07e-03	0.0	0.0	-854.27	-0.76	0.05	0.0	3.44	-34.09
		-118.80	3.44	-6.16e-03	0.0	112.0	-850.29	-0.76	0.05	0.0	9.50	-118.80
1451	1	-43.59	10.39	4.50e-03	0.0	0.0	-2093.05	-1.04	0.01	0.0	9.08	-43.59
		-160.52	9.08	-8.75e-03	0.0	112.0	-2087.87	-1.04	0.01	0.0	10.39	-160.52
1451	2	-35.21	8.32	3.63e-03	0.0	0.0	-1692.98	-0.84	8.85e-03	0.0	7.32	-35.21
		-129.74	7.32	-7.05e-03	0.0	112.0	-1689.00	-0.84	8.85e-03	0.0	8.32	-129.74
1451	3	-32.78	7.95	3.38e-03	0.0	0.0	-1573.13	-0.78	0.01	0.0	6.81	-32.78
		-120.64	6.81	-6.61e-03	0.0	112.0	-1569.14	-0.78	0.01	0.0	7.95	-120.64
1451	4	-27.90	7.13	2.88e-03	0.0	0.0	-1333.37	-0.67	0.01	0.0	5.80	-27.90
		-102.48	5.80	-5.70e-03	0.0	112.0	-1329.39	-0.67	0.01	0.0	7.13	-102.48
1451	5	-27.90	7.13	2.88e-03	0.0	0.0	-1333.37	-0.67	0.01	0.0	5.80	-27.90
		-102.48	5.80	-5.70e-03	0.0	112.0	-1329.39	-0.67	0.01	0.0	7.13	-102.48
1452	1	149.28	30.24	6.88e-03	0.0	0.0	-2072.97	0.96	0.31	0.0	-3.99	41.37
		41.37	-3.99	-0.01	0.0	112.0	-2067.79	0.96	0.31	0.0	30.24	149.28
1452	2	120.74	24.24	5.56e-03	0.0	0.0	-1677.05	0.78	0.24	0.0	-3.19	33.42
		33.42	-3.19	-8.54e-03	0.0	112.0	-1673.06	0.78	0.24	0.0	24.24	120.74
1452	3	112.25	22.76	5.17e-03	0.0	0.0	-1557.74	0.72	0.23	0.0	-2.94	31.12
		31.12	-2.94	-7.96e-03	0.0	112.0	-1553.75	0.72	0.23	0.0	22.76	112.25
1452	4	95.27	20.01	4.42e-03	0.0	0.0	-1319.65	0.61	0.20	0.0	-2.59	26.53
		26.53	-2.59	-6.89e-03	0.0	112.0	-1315.67	0.61	0.20	0.0	20.01	95.27
1452	5	95.27	20.01	4.42e-03	0.0	0.0	-1319.65	0.61	0.20	0.0	-2.59	26.53
		26.53	-2.59	-6.89e-03	0.0	112.0	-1315.67	0.61	0.20	0.0	20.01	95.27
1453	1	175.92	-26.44	9.16e-03	0.0	0.0	-1322.74	1.11	-0.15	0.0	-26.44	51.35
		51.35	-42.91	-9.75e-03	0.0	112.0	-1317.56	1.11	-0.15	0.0	-42.91	175.92
1453	2	142.23	-21.19	7.40e-03	0.0	0.0	-1069.46	0.90	-0.12	0.0	-21.19	41.47
		41.47	-34.15	-7.87e-03	0.0	112.0	-1065.48	0.90	-0.12	0.0	-34.15	142.23
1453	3	132.28	-19.92	6.89e-03	0.0	0.0	-994.35	0.84	-0.11	0.0	-19.92	38.62
		38.62	-32.57	-7.32e-03	0.0	112.0	-990.37	0.84	-0.11	0.0	-32.57	132.28
1453	4	112.42	-17.47	5.88e-03	0.0	0.0	-844.17	0.71	-0.10	0.0	-17.47	32.95
		32.95	-29.21	-6.27e-03	0.0	112.0	-840.19	0.71	-0.10	0.0	-29.21	112.42
1453	5	112.42	-17.47	5.88e-03	0.0	0.0	-844.17	0.71	-0.10	0.0	-17.47	32.95
		32.95	-29.21	-6.27e-03	0.0	112.0	-840.19	0.71	-0.10	0.0	-29.21	112.42
1454	1	-52.71	11.34	-6.63e-03	0.0	0.0	-1366.53	-1.17	0.04	0.0	7.04	-52.71
		-183.51	7.04	-9.51e-03	0.0	112.0	-1361.36	-1.17	0.04	0.0	11.34	-183.51
1454	2	-42.58	9.25	-5.36e-03	0.0	0.0	-1104.80	-0.94	0.03	0.0	5.67	-42.58
		-148.32	5.67	-7.67e-03	0.0	112.0	-1100.82	-0.94	0.03	0.0	9.25	-148.32
1454	3	-39.64	8.63	-4.99e-03	0.0	0.0	-1027.35	-0.88	0.03	0.0	5.28	-39.64
		-137.95	5.28	-7.18e-03	0.0	112.0	-1023.37	-0.88	0.03	0.0	8.63	-137.95
1454	4	-33.77	7.14	-4.25e-03	0.0	0.0	-872.46	-0.75	0.02	0.0	4.53	-33.77
		-117.26	4.53	-6.16e-03	0.0	112.0	-868.47	-0.75	0.02	0.0	7.14	-117.26
1454	5	-33.77	7.14	-4.25e-03	0.0	0.0	-872.46	-0.75	0.02	0.0	4.53	-33.77
		-117.26	4.53	-6.16e-03	0.0	112.0	-868.47	-0.75	0.02	0.0	7.14	-117.26
1455	1	-42.98	13.89	-4.40e-03	0.0	0.0	-2120.51	-1.02	0.07	0.0	6.09	-42.98
		-157.77	6.09	-9.48e-03	0.0	112.0	-2115.33	-1.02	0.07	0.0	13.89	-157.77
1455	2	-34.73	11.17	-3.56e-03	0.0	0.0	-1715.23	-0.83	0.06	0.0	4.90	-34.73
		-127.55	4.90	-7.64e-03	0.0	112.0	-1711.25	-0.83	0.06	0.0	11.17	-127.55
1455	3	-32.32	10.52	-3.31e-03	0.0	0.0	-1593.79	-0.77	0.05	0.0	4.59	-32.32
		-118.58	4.59	-7.16e-03	0.0	112.0	-1589.81	-0.77	0.05	0.0	10.52	-118.58
1455	4	-27.51	9.11	-2.81e-03	0.0	0.0	-1350.94	-0.65	0.05	0.0	4.01	-27.51





1455	5	-100.68	4.01	-6.15e-03	0.0	112.0	-1346.96	-0.65	0.05	0.0	9.11	-100.68
		-27.51	9.11	-2.81e-03	0.0	0.0	-1350.94	-0.65	0.05	0.0	4.01	-27.51
		-100.68	4.01	-6.15e-03	0.0	112.0	-1346.96	-0.65	0.05	0.0	9.11	-100.68
1456	1	150.70	32.08	6.76e-03	0.0	0.0	-2093.66	0.97	0.34	0.0	-5.63	42.26
		42.26	-5.63	-0.01	0.0	112.0	-2088.48	0.97	0.34	0.0	32.08	150.70
1456	2	121.86	25.78	5.46e-03	0.0	0.0	-1693.63	0.78	0.27	0.0	-4.55	34.14
		34.14	-4.55	-8.99e-03	0.0	112.0	-1689.64	0.78	0.27	0.0	25.78	121.86
1456	3	113.32	24.23	5.08e-03	0.0	0.0	-1573.61	0.73	0.25	0.0	-4.21	31.79
		31.79	-4.21	-8.38e-03	0.0	112.0	-1569.63	0.73	0.25	0.0	24.23	113.32
1456	4	96.20	21.09	4.33e-03	0.0	0.0	-1333.47	0.62	0.22	0.0	-3.59	27.09
		27.09	-3.59	-7.24e-03	0.0	112.0	-1329.49	0.62	0.22	0.0	21.09	96.20
1456	5	96.20	21.09	4.33e-03	0.0	0.0	-1333.47	0.62	0.22	0.0	-3.59	27.09
		27.09	-3.59	-7.24e-03	0.0	112.0	-1329.49	0.62	0.22	0.0	21.09	96.20
1457	1	175.95	-25.01	8.99e-03	0.0	0.0	-1315.85	1.11	-0.19	0.0	-25.01	52.04
		52.04	-46.05	-9.64e-03	0.0	112.0	-1310.67	1.11	-0.19	0.0	-46.05	175.95
1457	2	142.23	-20.04	7.26e-03	0.0	0.0	-1063.94	0.89	-0.15	0.0	-20.04	42.03
		42.03	-36.67	-7.79e-03	0.0	112.0	-1059.96	0.89	-0.15	0.0	-36.67	142.23
1457	3	132.32	-18.84	6.76e-03	0.0	0.0	-989.18	0.83	-0.14	0.0	-18.84	39.15
		39.15	-34.92	-7.24e-03	0.0	112.0	-985.20	0.83	-0.14	0.0	-34.92	132.32
1457	4	112.45	-16.53	5.77e-03	0.0	0.0	-839.68	0.71	-0.13	0.0	-16.53	33.38
		33.38	-31.26	-6.20e-03	0.0	112.0	-835.69	0.71	-0.13	0.0	-31.26	112.45
1457	5	112.45	-16.53	5.77e-03	0.0	0.0	-839.68	0.71	-0.13	0.0	-16.53	33.38
		33.38	-31.26	-6.20e-03	0.0	112.0	-835.69	0.71	-0.13	0.0	-31.26	112.45
1458	1	-42.56	8.76	-4.62e-03	0.0	0.0	-1436.16	-0.94	-9.54e-04	0.0	8.76	-42.56
		-148.16	8.65	-9.51e-03	0.0	112.0	-1430.99	-0.94	-9.54e-04	0.0	8.65	-148.16
1458	2	-34.36	7.07	-3.73e-03	0.0	0.0	-1161.16	-0.76	6.25e-05	0.0	7.06	-34.36
		-119.71	7.06	-7.68e-03	0.0	112.0	-1157.18	-0.76	6.25e-05	0.0	7.07	-119.71
1458	3	-32.03	6.60	-3.47e-03	0.0	0.0	-1079.68	-0.71	1.31e-04	0.0	6.58	-32.03
		-111.49	6.58	-7.18e-03	0.0	112.0	-1075.70	-0.71	1.31e-04	0.0	6.60	-111.49
1458	4	-27.31	5.63	-2.95e-03	0.0	0.0	-916.72	-0.60	-1.75e-03	0.0	5.63	-27.31
		-94.86	5.43	-6.17e-03	0.0	112.0	-912.74	-0.60	-1.75e-03	0.0	5.43	-94.86
1458	5	-27.31	5.63	-2.95e-03	0.0	0.0	-916.72	-0.60	-1.75e-03	0.0	5.63	-27.31
		-94.86	5.43	-6.17e-03	0.0	112.0	-912.74	-0.60	-1.75e-03	0.0	5.43	-94.86
1459	1	-30.66	18.46	3.71e-03	0.0	0.0	-2159.97	-0.74	0.14	0.0	2.77	-30.66
		-113.17	2.77	-0.01	0.0	112.0	-2154.79	-0.74	0.14	0.0	18.46	-113.17
1459	2	-24.76	14.89	3.00e-03	0.0	0.0	-1748.02	-0.60	0.11	0.0	2.20	-24.76
		-91.48	2.20	-8.24e-03	0.0	112.0	-1744.03	-0.60	0.11	0.0	14.89	-91.48
1459	3	-23.07	13.91	2.79e-03	0.0	0.0	-1622.97	-0.55	0.11	0.0	2.12	-23.07
		-85.15	2.12	-7.71e-03	0.0	112.0	-1618.99	-0.55	0.11	0.0	13.91	-85.15
1459	4	-19.65	11.87	2.38e-03	0.0	0.0	-1372.97	-0.47	0.09	0.0	1.99	-19.65
		-72.32	1.99	-6.60e-03	0.0	112.0	-1368.98	-0.47	0.09	0.0	11.87	-72.32
1459	5	-19.65	11.87	2.38e-03	0.0	0.0	-1372.97	-0.47	0.09	0.0	1.99	-19.65
		-72.32	1.99	-6.60e-03	0.0	112.0	-1368.98	-0.47	0.09	0.0	11.87	-72.32
1460	1	122.16	32.99	3.73e-03	0.0	0.0	-2134.80	0.78	0.36	0.0	-7.02	34.42
		34.42	-7.02	-0.01	0.0	112.0	-2129.62	0.78	0.36	0.0	32.99	122.16
1460	2	98.72	26.55	3.01e-03	0.0	0.0	-1727.66	0.63	0.29	0.0	-5.69	27.78
		27.78	-5.69	-9.40e-03	0.0	112.0	-1723.67	0.63	0.29	0.0	26.55	98.72
1460	3	91.80	24.97	2.81e-03	0.0	0.0	-1604.28	0.59	0.27	0.0	-5.27	25.89
		25.89	-5.27	-8.76e-03	0.0	112.0	-1600.29	0.59	0.27	0.0	24.97	91.80
1460	4	78.08	21.59	2.41e-03	0.0	0.0	-1357.26	0.50	0.23	0.0	-4.43	22.15
		22.15	-4.43	-7.55e-03	0.0	112.0	-1353.28	0.50	0.23	0.0	21.59	78.08
1460	5	78.08	21.59	2.41e-03	0.0	0.0	-1357.26	0.50	0.23	0.0	-4.43	22.15
		22.15	-4.43	-7.55e-03	0.0	112.0	-1353.28	0.50	0.23	0.0	21.59	78.08
1461	1	155.26	-23.77	6.37e-03	0.0	0.0	-1326.44	0.98	-0.23	0.0	-23.77	45.76
		45.76	-49.34	-9.52e-03	0.0	112.0	-1321.26	0.98	-0.23	0.0	-49.34	155.26
1461	2	125.42	-19.05	5.14e-03	0.0	0.0	-1072.64	0.79	-0.18	0.0	-19.05	36.92
		36.92	-39.31	-7.69e-03	0.0	112.0	-1068.66	0.79	-0.18	0.0	-39.31	125.42
1461	3	116.71	-17.92	4.79e-03	0.0	0.0	-997.06	0.73	-0.17	0.0	-17.92	34.42
		34.42	-37.38	-7.15e-03	0.0	112.0	-993.08	0.73	-0.17	0.0	-37.38	116.71
1461	4	99.40	-15.72	4.11e-03	0.0	0.0	-845.96	0.62	-0.16	0.0	-15.72	29.45
		29.45	-33.41	-6.12e-03	0.0	112.0	-841.98	0.62	-0.16	0.0	-33.41	99.40
1461	5	99.40	-15.72	4.11e-03	0.0	0.0	-845.96	0.62	-0.16	0.0	-15.72	29.45
		29.45	-33.41	-6.12e-03	0.0	112.0	-841.98	0.62	-0.16	0.0	-33.41	99.40
1462	1	-40.66	9.70	-5.36e-03	0.0	0.0	-1397.49	-0.87	-5.11e-03	0.0	9.70	-40.66
		-138.49	9.13	-9.51e-03	0.0	112.0	-1392.31	-0.87	-5.11e-03	0.0	9.13	-138.49
1462	2	-32.83	7.82	-4.32e-03	0.0	0.0	-1129.95	-0.71	-3.49e-03	0.0	7.82	-32.83
		-111.94	7.43	-7.67e-03	0.0	112.0	-1125.97	-0.71	-3.49e-03	0.0	7.43	-111.94
1462	3	-30.57	7.30	-4.04e-03	0.0	0.0	-1050.54	-0.66	-3.07e-03	0.0	7.30	-30.57
		-104.08	6.95	-7.18e-03	0.0	112.0	-1046.56	-0.66	-3.07e-03	0.0	6.95	-104.08
1462	4	-26.06	6.23	-3.44e-03	0.0	0.0	-891.75	-0.56	-3.99e-03	0.0	6.23	-26.06
		-88.47	5.78	-6.16e-03	0.0	112.0	-887.77	-0.56	-3.99e-03	0.0	5.78	-88.47
1462	5	-26.06	6.23	-3.44e-03	0.0	0.0	-891.75	-0.56	-3.99e-03	0.0	6.23	-26.06
		-88.47	5.78	-6.16e-03	0.0	112.0	-887.77	-0.56	-3.99e-03	0.0	5.78	-88.47
1463	1	-28.12	27.86	3.01e-03	0.0	0.0	-2050.95	-0.67	0.27	0.0	-2.65	-28.12
		-103.29	-2.65	-0.01	0.0	112.0	-2045.77	-0.67	0.27	0.0	27.86	-103.29
1463	2	-22.72	22.48	2.44e-03	0.0	0.0	-1660.09	-0.54	0.22	0.0	-2.18	-22.72
		-83.53	-2.18	-8.89e-03	0.0	112.0	-1656.11	-0.54	0.22	0.0	22.48	-83.53

1463	3	-21.14	20.95	2.26e-03	0.0	0.0	-1541.08	-0.50	0.20	0.0	-1.95	-21.14
		-77.60	-1.95	-8.31e-03	0.0	112.0	-1537.09	-0.50	0.20	0.0	20.95	-77.60
1463	4	-18.00	17.82	1.92e-03	0.0	0.0	-1302.72	-0.43	0.17	0.0	-1.45	-18.00
		-65.82	-1.45	-7.11e-03	0.0	112.0	-1298.74	-0.43	0.17	0.0	17.82	-65.82
1463	5	-18.00	17.82	1.92e-03	0.0	0.0	-1302.72	-0.43	0.17	0.0	-1.45	-18.00
		-65.82	-1.45	-7.11e-03	0.0	112.0	-1298.74	-0.43	0.17	0.0	17.82	-65.82
1464	1	133.21	36.53	-3.98e-03	0.0	0.0	-2000.53	0.85	0.40	0.0	-8.77	37.63
		37.63	-8.77	-0.01	0.0	112.0	-1995.35	0.85	0.40	0.0	36.53	133.21
1464	2	107.62	29.43	-3.21e-03	0.0	0.0	-1619.59	0.69	0.33	0.0	-7.12	30.37
		30.37	-7.12	-9.73e-03	0.0	112.0	-1615.60	0.69	0.33	0.0	29.43	107.62
1464	3	100.25	27.66	-3.00e-03	0.0	0.0	-1502.72	0.64	0.31	0.0	-6.59	28.33
		28.33	-6.59	-9.07e-03	0.0	112.0	-1498.74	0.64	0.31	0.0	27.66	100.25
1464	4	85.35	23.84	-2.55e-03	0.0	0.0	-1269.52	0.55	0.26	0.0	-5.52	24.23
		24.23	-5.52	-7.81e-03	0.0	112.0	-1265.54	0.55	0.26	0.0	23.84	85.35
1464	5	85.35	23.84	-2.55e-03	0.0	0.0	-1269.52	0.55	0.26	0.0	-5.52	24.23
		24.23	-5.52	-7.81e-03	0.0	112.0	-1265.54	0.55	0.26	0.0	23.84	85.35
1465	1	169.42	-22.56	5.97e-03	0.0	0.0	-1299.00	1.07	-0.27	0.0	-22.56	50.08
		50.08	-52.60	-9.38e-03	0.0	112.0	-1293.82	1.07	-0.27	0.0	-52.60	169.42
1465	2	136.83	-18.08	4.82e-03	0.0	0.0	-1050.61	0.86	-0.21	0.0	-18.08	40.41
		40.41	-41.92	-7.58e-03	0.0	112.0	-1046.63	0.86	-0.21	0.0	-41.92	136.83
1465	3	127.52	-17.03	4.49e-03	0.0	0.0	-976.46	0.80	-0.20	0.0	-17.03	37.70
		37.70	-39.81	-7.04e-03	0.0	112.0	-972.48	0.80	-0.20	0.0	-39.81	127.52
1465	4	108.71	-14.93	3.84e-03	0.0	0.0	-827.99	0.68	-0.18	0.0	-14.93	32.25
		32.25	-35.54	-6.03e-03	0.0	112.0	-824.01	0.68	-0.18	0.0	-35.54	108.71
1465	5	108.71	-14.93	3.84e-03	0.0	0.0	-827.99	0.68	-0.18	0.0	-14.93	32.25
		32.25	-35.54	-6.03e-03	0.0	112.0	-824.01	0.68	-0.18	0.0	-35.54	108.71
1466	1	-45.19	14.51	-8.56e-03	0.0	0.0	-1094.14	-0.87	0.04	0.0	9.76	-45.19
		-142.52	9.76	-9.50e-03	0.0	112.0	-1088.96	-0.87	0.04	0.0	14.51	-142.52
1466	2	-36.54	11.76	-6.92e-03	0.0	0.0	-885.45	-0.70	0.03	0.0	7.88	-36.54
		-115.34	7.88	-7.67e-03	0.0	112.0	-881.47	-0.70	0.03	0.0	11.76	-115.34
1466	3	-33.97	11.00	-6.44e-03	0.0	0.0	-822.16	-0.65	0.03	0.0	7.35	-33.97
		-107.08	7.35	-7.18e-03	0.0	112.0	-818.18	-0.65	0.03	0.0	11.00	-107.08
1466	4	-28.84	9.28	-5.48e-03	0.0	0.0	-695.61	-0.55	0.03	0.0	6.26	-28.84
		-90.59	6.26	-6.16e-03	0.0	112.0	-691.62	-0.55	0.03	0.0	9.28	-90.59
1466	5	-28.84	9.28	-5.48e-03	0.0	0.0	-695.61	-0.55	0.03	0.0	6.26	-28.84
		-90.59	6.26	-6.16e-03	0.0	112.0	-691.62	-0.55	0.03	0.0	9.28	-90.59
1467	1	-32.96	41.47	-5.82e-03	0.0	0.0	-1719.09	-0.72	0.45	0.0	-8.88	-32.96
		-113.96	-8.88	-0.01	0.0	112.0	-1713.91	-0.72	0.45	0.0	41.47	-113.96
1467	2	-26.67	33.49	-4.71e-03	0.0	0.0	-1391.77	-0.59	0.36	0.0	-7.22	-26.67
		-92.28	-7.22	-9.63e-03	0.0	112.0	-1387.79	-0.59	0.36	0.0	33.49	-92.28
1467	3	-24.76	31.16	-4.38e-03	0.0	0.0	-1291.54	-0.54	0.34	0.0	-6.62	-24.76
		-85.60	-6.62	-8.99e-03	0.0	112.0	-1287.55	-0.54	0.34	0.0	31.16	-85.60
1467	4	-20.97	26.48	-3.72e-03	0.0	0.0	-1091.08	-0.46	0.28	0.0	-5.41	-20.97
		-72.25	-5.41	-7.69e-03	0.0	112.0	-1087.10	-0.46	0.28	0.0	26.48	-72.25
1467	5	-20.97	26.48	-3.72e-03	0.0	0.0	-1091.08	-0.46	0.28	0.0	-5.41	-20.97
		-72.25	-5.41	-7.69e-03	0.0	112.0	-1087.10	-0.46	0.28	0.0	26.48	-72.25
1468	1	189.58	39.03	5.39e-03	0.0	0.0	-2062.91	1.22	0.44	0.0	-9.82	53.32
		53.32	-9.82	-0.01	0.0	112.0	-2057.73	1.22	0.44	0.0	39.03	189.58
1468	2	153.21	31.51	4.35e-03	0.0	0.0	-1669.18	0.98	0.35	0.0	-8.00	43.06
		43.06	-8.00	-1.00e-02	0.0	112.0	-1665.19	0.98	0.35	0.0	31.51	153.21
1468	3	142.57	29.54	4.04e-03	0.0	0.0	-1550.35	0.91	0.33	0.0	-7.37	40.11
		40.11	-7.37	-9.31e-03	0.0	112.0	-1546.37	0.91	0.33	0.0	29.54	142.57
1468	4	121.27	25.30	3.44e-03	0.0	0.0	-1312.52	0.78	0.28	0.0	-6.09	34.23
		34.23	-6.09	-8.00e-03	0.0	112.0	-1308.54	0.78	0.28	0.0	25.30	121.27
1468	5	121.27	25.30	3.44e-03	0.0	0.0	-1312.52	0.78	0.28	0.0	-6.09	34.23
		34.23	-6.09	-8.00e-03	0.0	112.0	-1308.54	0.78	0.28	0.0	25.30	121.27
1469	1	214.88	-20.64	7.51e-03	0.0	0.0	-1307.96	1.36	-0.33	0.0	-20.64	62.38
		62.38	-57.86	-9.22e-03	0.0	112.0	-1302.78	1.36	-0.33	0.0	-57.86	214.88
1469	2	173.63	-16.54	6.07e-03	0.0	0.0	-1057.67	1.10	-0.26	0.0	-16.54	50.37
		50.37	-46.13	-7.45e-03	0.0	112.0	-1053.69	1.10	-0.26	0.0	-46.13	173.63
1469	3	161.61	-15.59	5.65e-03	0.0	0.0	-983.22	1.02	-0.25	0.0	-15.59	46.93
		46.93	-43.74	-6.92e-03	0.0	112.0	-979.23	1.02	-0.25	0.0	-43.74	161.61
1469	4	137.55	-13.66	4.81e-03	0.0	0.0	-834.32	0.87	-0.23	0.0	-13.66	40.05
		40.05	-39.00	-5.92e-03	0.0	112.0	-830.34	0.87	-0.23	0.0	-39.00	137.55
1469	5	137.55	-13.66	4.81e-03	0.0	0.0	-834.32	0.87	-0.23	0.0	-13.66	40.05
		40.05	-39.00	-5.92e-03	0.0	112.0	-830.34	0.87	-0.23	0.0	-39.00	137.55
1470	1	-44.81	21.63	-8.79e-03	0.0	0.0	-1194.61	-0.89	0.12	0.0	8.24	-44.81
		-144.17	8.24	-9.49e-03	0.0	112.0	-1189.43	-0.89	0.12	0.0	21.63	-144.17
1470	2	-36.24	17.49	-7.10e-03	0.0	0.0	-966.58	-0.72	0.10	0.0	6.66	-36.24
		-116.69	6.66	-7.66e-03	0.0	112.0	-962.60	-0.72	0.10	0.0	17.49	-116.69
1470	3	-33.68	16.35	-6.61e-03	0.0	0.0	-897.76	-0.67	0.09	0.0	6.21	-33.68
		-108.31	6.21	-7.17e-03	0.0	112.0	-893.77	-0.67	0.09	0.0	16.35	-108.31
1470	4	-28.57	13.87	-5.62e-03	0.0	0.0	-760.13	-0.56	0.08	0.0	5.27	-28.57
		-91.59	5.27	-6.15e-03	0.0	112.0	-756.15	-0.56	0.08	0.0	13.87	-91.59
1470	5	-28.57	13.87	-5.62e-03	0.0	0.0	-760.13	-0.56	0.08	0.0	5.27	-28.57
		-91.59	5.27	-6.15e-03	0.0	112.0	-756.15	-0.56	0.08	0.0	13.87	-91.59
1471	1	-34.29	53.03	-6.39e-03	0.0	0.0	-1965.07	-0.75	0.59	0.0	-13.59	-34.29





1471	2	-118.21 -27.74 -95.73	-13.59 42.87 -11.05	-0.01 -5.16e-03 -0.01	0.0 0.0 0.0	112.0 0.0 112.0	-1959.89 -1590.13 -1586.14	-0.75 -0.61 -0.61	0.59 0.48 0.48	0.0 0.0 0.0	53.03 -11.05 42.87	-118.21 -27.74 -95.73
1471	3	-25.76 -88.78	39.81 -10.15	-4.81e-03 -9.48e-03	0.0 0.0	0.0 112.0	-1476.64 -1472.66	-0.56 -0.56	0.45 0.45	0.0 0.0	-10.15 39.81	-25.76 -88.78
1471	4	-21.81 -74.93	33.73 -8.37	-4.09e-03 -8.09e-03	0.0 0.0	0.0 112.0	-1249.67 -1245.69	-0.47 -0.47	0.38 0.38	0.0 0.0	-8.37 33.73	-21.81 -74.93
1471	5	-21.81 -74.93	33.73 -8.37	-4.09e-03 -8.09e-03	0.0 0.0	0.0 112.0	-1249.67 -1245.69	-0.47 -0.47	0.38 0.38	0.0 0.0	-8.37 33.73	-21.81 -74.93
1472	1	190.35 52.98	38.88 -10.29	5.23e-03 -0.01	0.0 0.0	0.0 112.0	-2094.06 -2088.88	1.23 1.23	0.44 0.44	0.0 0.0	-10.29 38.88	52.98 190.35
1472	2	153.84 42.79	31.48 -8.42	4.23e-03 -0.01	0.0 0.0	0.0 112.0	-1694.11 -1690.12	0.99 0.99	0.36 0.36	0.0 0.0	-8.42 31.48	42.79 153.84
1472	3	143.16 39.86	29.41 -7.71	-3.93e-03 -9.48e-03	0.0 0.0	0.0 112.0	-1573.74 -1569.76	0.92 0.92	0.33 0.33	0.0 0.0	-7.71 29.41	39.86 143.16
1472	4	121.74 34.01	24.89 -6.26	-3.35e-03 -8.14e-03	0.0 0.0	0.0 112.0	-1333.20 -1329.22	0.78 0.78	0.28 0.28	0.0 0.0	-6.26 24.89	34.01 121.74
1472	5	121.74 34.01	24.89 -6.26	-3.35e-03 -8.14e-03	0.0 0.0	0.0 112.0	-1333.20 -1329.22	0.78 0.78	0.28 0.28	0.0 0.0	-6.26 24.89	34.01 121.74
1473	1	214.70 61.93	-17.61 -66.99	7.32e-03 -9.04e-03	0.0 0.0	0.0 112.0	-1298.58 -1293.40	1.36 1.36	-0.44 -0.44	0.0 0.0	-17.61 -66.99	61.93 214.70
1473	2	173.49 50.01	-14.11 -53.45	5.92e-03 -7.31e-03	0.0 0.0	0.0 112.0	-1050.03 -1046.04	1.10 1.10	-0.35 -0.35	0.0 0.0	-14.11 -53.45	50.01 173.49
1473	3	161.48 46.59	-13.32 -50.60	5.50e-03 -6.78e-03	0.0 0.0	0.0 112.0	-976.16 -972.17	1.03 1.03	-0.33 -0.33	0.0 0.0	-13.32 -50.60	46.59 161.48
1473	4	137.40 39.74	-11.65 -45.02	4.67e-03 -5.80e-03	0.0 0.0	0.0 112.0	-828.44 -824.45	0.87 0.87	-0.30 -0.30	0.0 0.0	-11.65 -45.02	39.74 137.40
1473	5	137.40 39.74	-11.65 -45.02	4.67e-03 -5.80e-03	0.0 0.0	0.0 112.0	-828.44 -824.45	0.87 0.87	-0.30 -0.30	0.0 0.0	-11.65 -45.02	39.74 137.40
1474	1	-49.78 -165.22	24.34 7.38	-7.95e-03 -9.48e-03	0.0 0.0	0.0 112.0	-1483.58 -1478.41	-1.03 -1.03	0.15 0.15	0.0 0.0	7.38 24.34	-49.78 -165.22
1474	2	-40.21 -133.60	19.68 5.97	-6.41e-03 -7.65e-03	0.0 0.0	0.0 112.0	-1199.03 -1195.05	-0.83 -0.83	0.12 0.12	0.0 0.0	5.97 19.68	-40.21 -133.60
1474	3	-37.44 -124.19	18.38 5.57	-5.98e-03 -7.16e-03	0.0 0.0	0.0 112.0	-1115.56 -1111.57	-0.77 -0.77	0.11 0.11	0.0 0.0	5.57 18.38	-37.44 -124.19
1474	4	-31.89 -105.41	15.59 4.73	-5.10e-03 -6.14e-03	0.0 0.0	0.0 112.0	-948.54 -944.56	-0.66 -0.66	0.10 0.10	0.0 0.0	4.73 15.59	-31.89 -105.41
1474	5	-31.89 -105.41	15.59 4.73	-5.10e-03 -6.14e-03	0.0 0.0	0.0 112.0	-948.54 -944.56	-0.66 -0.66	0.10 0.10	0.0 0.0	4.73 15.59	-31.89 -105.41
1475	1	-39.59 -139.83	58.20 -16.02	-5.61e-03 -0.01	0.0 0.0	0.0 112.0	-2159.49 -2154.31	-0.90 -0.90	0.66 0.66	0.0 0.0	-16.02 58.20	-39.59 -139.83
1475	2	-31.99 -113.11	47.11 -13.03	-4.53e-03 -0.01	0.0 0.0	0.0 112.0	-1746.67 -1742.69	-0.72 -0.72	0.54 0.54	0.0 0.0	-13.03 47.11	-31.99 -113.11
1475	3	-29.77 -105.08	43.63 -11.95	-4.23e-03 -9.78e-03	0.0 0.0	0.0 112.0	-1623.25 -1619.27	-0.67 -0.67	0.50 0.50	0.0 0.0	-11.95 43.63	-29.77 -105.08
1475	4	-25.32 -89.06	36.82 -9.83	-3.60e-03 -8.34e-03	0.0 0.0	0.0 112.0	-1376.30 -1372.31	-0.57 -0.57	0.42 0.42	0.0 0.0	-9.83 36.82	-25.32 -89.06
1475	5	-25.32 -89.06	36.82 -9.83	-3.60e-03 -8.34e-03	0.0 0.0	0.0 112.0	-1376.30 -1372.31	-0.57 -0.57	0.42 0.42	0.0 0.0	-9.83 36.82	-25.32 -89.06
1476	1	171.26 46.77	37.37 -10.28	5.84e-03 -0.01	0.0 0.0	0.0 112.0	-2120.01 -2114.83	1.11 1.11	0.43 0.43	0.0 0.0	-10.28 37.37	46.77 171.26
1476	2	138.40 37.77	30.34 -8.44	4.72e-03 -0.01	0.0 0.0	0.0 112.0	-1714.81 -1710.82	0.90 0.90	0.35 0.35	0.0 0.0	-8.44 30.34	37.77 138.40
1476	3	128.79 35.18	28.26 -7.69	4.39e-03 -9.60e-03	0.0 0.0	0.0 112.0	-1593.49 -1589.50	0.84 0.84	0.32 0.32	0.0 0.0	-7.69 28.26	35.18 128.79
1476	4	109.54 30.01	23.66 -6.15	3.74e-03 -8.23e-03	0.0 0.0	0.0 112.0	-1350.83 -1346.84	0.71 0.71	0.27 0.27	0.0 0.0	-6.15 23.66	30.01 109.54
1476	5	109.54 30.01	23.66 -6.15	3.74e-03 -8.23e-03	0.0 0.0	0.0 112.0	-1350.83 -1346.84	0.71 0.71	0.27 0.27	0.0 0.0	-6.15 23.66	30.01 109.54
1477	1	196.76 56.47	-13.74 -78.01	8.07e-03 -8.82e-03	0.0 0.0	0.0 112.0	-1320.53 -1315.35	1.25 1.25	-0.57 -0.57	0.0 0.0	-13.74 -78.01	56.47 196.76
1477	2	158.97 45.60	-11.02 -62.29	6.52e-03 -7.13e-03	0.0 0.0	0.0 112.0	-1067.62 -1063.63	1.01 1.01	-0.46 -0.46	0.0 0.0	-11.02 -62.29	45.60 158.97
1477	3	147.97 42.48	-10.41 -58.90	6.06e-03 -6.62e-03	0.0 0.0	0.0 112.0	-992.76 -988.78	0.94 0.94	-0.43 -0.43	0.0 0.0	-10.41 -58.90	42.48 147.97
1477	4	125.96 36.25	-9.10 -52.29	5.17e-03 -5.65e-03	0.0 0.0	0.0 112.0	-843.05 -839.07	0.80 0.80	-0.39 -0.39	0.0 0.0	-9.10 -52.29	36.25 125.96
1477	5	125.96 36.25	-9.10 -52.29	5.17e-03 -5.65e-03	0.0 0.0	0.0 112.0	-843.05 -839.07	0.80 0.80	-0.39 -0.39	0.0 0.0	-9.10 -52.29	36.25 125.96
1482	1	-42.60 -142.91	26.06 6.82	4.60e-03 -9.46e-03	0.0 0.0	0.0 112.0	-1184.68 -1179.50	-0.90 -0.90	0.17 0.17	0.0 0.0	6.82 26.06	-42.60 -142.91
1482	2	-34.34 -115.34	21.10 5.51	3.71e-03 -7.63e-03	0.0 0.0	0.0 112.0	-957.37 -953.39	-0.72 -0.72	0.14 0.14	0.0 0.0	5.51 21.10	-34.34 -115.34
1482	3	-32.05 -107.44	19.64 5.15	3.46e-03 -7.14e-03	0.0 0.0	0.0 112.0	-890.81 -886.83	-0.67 -0.67	0.13 0.13	0.0 0.0	5.15 19.64	-32.05 -107.44
1482	4	-27.49 -91.81	16.53 4.40	2.95e-03 -6.13e-03	0.0 0.0	0.0 112.0	-757.71 -753.73	-0.57 -0.57	0.11 0.11	0.0 0.0	4.40 16.53	-27.49 -91.81

1482	5	-27.49	16.53	2.95e-03	0.0	0.0	-757.71	-0.57	0.11	0.0	4.40	-27.49
		-91.81	4.40	-6.13e-03	0.0	112.0	-753.73	-0.57	0.11	0.0	16.53	-91.81
1483	1	-31.25	64.03	4.50e-03	0.0	0.0	-1719.64	-0.72	0.75	0.0	-19.51	-31.25
		-111.42	-19.51	-0.01	0.0	112.0	-1714.46	-0.72	0.75	0.0	64.03	-111.42
1483	2	-25.20	51.93	3.64e-03	0.0	0.0	-1391.37	-0.58	0.61	0.0	-15.88	-25.20
		-89.96	-15.88	-0.01	0.0	112.0	-1387.38	-0.58	0.61	0.0	51.93	-89.96
1483	3	-23.51	47.99	3.38e-03	0.0	0.0	-1292.49	-0.54	0.56	0.0	-14.57	-23.51
		-83.75	-14.57	-9.89e-03	0.0	112.0	-1288.51	-0.54	0.56	0.0	47.99	-83.75
1483	4	-20.17	40.29	2.89e-03	0.0	0.0	-1094.60	-0.46	0.47	0.0	-11.99	-20.17
		-71.49	-11.99	-8.43e-03	0.0	112.0	-1090.61	-0.46	0.47	0.0	40.29	-71.49
1483	5	-20.17	40.29	2.89e-03	0.0	0.0	-1094.60	-0.46	0.47	0.0	-11.99	-20.17
		-71.49	-11.99	-8.43e-03	0.0	112.0	-1090.61	-0.46	0.47	0.0	40.29	-71.49
1484	1	84.86	39.75	4.37e-03	0.0	0.0	-1751.27	0.55	0.46	0.0	-12.05	22.93
		22.93	-12.05	-0.01	0.0	112.0	-1746.09	0.55	0.46	0.0	39.75	84.86
1484	2	68.56	32.31	3.52e-03	0.0	0.0	-1416.69	0.45	0.38	0.0	-9.88	18.51
		18.51	-9.88	-0.01	0.0	112.0	-1412.70	0.45	0.38	0.0	32.31	68.56
1484	3	63.85	30.02	3.28e-03	0.0	0.0	-1316.01	0.42	0.35	0.0	-9.02	17.25
		17.25	-9.02	-9.63e-03	0.0	112.0	-1312.03	0.42	0.35	0.0	30.02	63.85
1484	4	54.34	25.00	2.81e-03	0.0	0.0	-1115.03	0.35	0.29	0.0	-7.24	14.74
		14.74	-7.24	-8.26e-03	0.0	112.0	-1111.04	0.35	0.29	0.0	25.00	54.34
1484	5	54.34	25.00	2.81e-03	0.0	0.0	-1115.03	0.35	0.29	0.0	-7.24	14.74
		14.74	-7.24	-8.26e-03	0.0	112.0	-1111.04	0.35	0.29	0.0	25.00	54.34
1485	1	113.65	-4.46	6.78e-03	0.0	0.0	-1393.52	0.71	-0.85	0.0	-4.46	33.72
		33.72	-99.78	-8.25e-03	0.0	112.0	-1388.34	0.71	-0.85	0.0	-99.78	113.65
1485	2	91.77	-3.58	5.47e-03	0.0	0.0	-1125.55	0.58	-0.68	0.0	-3.58	27.20
		27.20	-79.71	-6.68e-03	0.0	112.0	-1121.57	0.58	-0.68	0.0	-79.71	91.77
1485	3	85.52	-3.42	5.10e-03	0.0	0.0	-1048.09	0.54	-0.64	0.0	-3.42	25.38
		25.38	-75.30	-6.19e-03	0.0	112.0	-1044.11	0.54	-0.64	0.0	-75.30	85.52
1485	4	72.94	-2.95	4.37e-03	0.0	0.0	-893.22	0.46	-0.57	0.0	-2.95	21.72
		21.72	-66.75	-5.27e-03	0.0	112.0	-889.24	0.46	-0.57	0.0	-66.75	72.94
1485	5	72.94	-2.95	4.37e-03	0.0	0.0	-893.22	0.46	-0.57	0.0	-2.95	21.72
		21.72	-66.75	-5.27e-03	0.0	112.0	-889.24	0.46	-0.57	0.0	-66.75	72.94
1486	1	-45.08	29.51	5.74e-03	0.0	0.0	-696.17	-1.00	0.20	0.0	6.60	-45.08
		-157.41	6.60	-9.45e-03	0.0	112.0	-690.99	-1.00	0.20	0.0	29.51	-157.41
1486	2	-36.36	23.90	4.63e-03	0.0	0.0	-562.40	-0.81	0.17	0.0	5.33	-36.36
		-127.08	5.33	-7.63e-03	0.0	112.0	-558.42	-0.81	0.17	0.0	23.90	-127.08
1486	3	-33.92	22.23	4.32e-03	0.0	0.0	-523.58	-0.75	0.15	0.0	4.99	-33.92
		-118.42	4.99	-7.14e-03	0.0	112.0	-519.59	-0.75	0.15	0.0	22.23	-118.42
1486	4	-29.07	18.70	3.70e-03	0.0	0.0	-445.89	-0.64	0.13	0.0	4.26	-29.07
		-101.17	4.26	-6.13e-03	0.0	112.0	-441.91	-0.64	0.13	0.0	18.70	-101.17
1486	5	-29.07	18.70	3.70e-03	0.0	0.0	-445.89	-0.64	0.13	0.0	4.26	-29.07
		-101.17	4.26	-6.13e-03	0.0	112.0	-441.91	-0.64	0.13	0.0	18.70	-101.17
1487	1	-38.99	67.99	5.67e-03	0.0	0.0	-1276.97	-0.92	0.80	0.0	-21.35	-38.99
		-142.19	-21.35	-0.01	0.0	112.0	-1271.79	-0.92	0.80	0.0	67.99	-142.19
1487	2	-31.45	55.14	4.58e-03	0.0	0.0	-1032.02	-0.74	0.65	0.0	-17.37	-31.45
		-114.80	-17.37	-0.01	0.0	112.0	-1028.04	-0.74	0.65	0.0	55.14	-114.80
1487	3	-29.33	50.97	4.27e-03	0.0	0.0	-960.12	-0.69	0.60	0.0	-15.96	-29.33
		-106.96	-15.96	-9.86e-03	0.0	112.0	-956.14	-0.69	0.60	0.0	50.97	-106.96
1487	4	-25.14	42.81	3.65e-03	0.0	0.0	-816.47	-0.59	0.50	0.0	-13.18	-25.14
		-91.35	-13.18	-8.41e-03	0.0	112.0	-812.49	-0.59	0.50	0.0	42.81	-91.35
1487	5	-25.14	42.81	3.65e-03	0.0	0.0	-816.47	-0.59	0.50	0.0	-13.18	-25.14
		-91.35	-13.18	-8.41e-03	0.0	112.0	-812.49	-0.59	0.50	0.0	42.81	-91.35
1488	1	29.13	43.63	6.08e-03	0.0	0.0	-1346.15	0.19	0.52	0.0	-14.15	8.18
		8.18	-14.15	-0.01	0.0	112.0	-1340.97	0.19	0.52	0.0	43.63	29.13
1488	2	23.63	35.45	4.91e-03	0.0	0.0	-1087.79	0.15	0.42	0.0	-11.58	6.63
		6.63	-11.58	-0.01	0.0	112.0	-1083.81	0.15	0.42	0.0	35.45	23.63
1488	3	21.85	32.92	4.58e-03	0.0	0.0	-1012.18	0.14	0.39	0.0	-10.60	6.15
		6.15	-10.60	-9.62e-03	0.0	112.0	-1008.20	0.14	0.39	0.0	32.92	21.85
1488	4	18.30	27.46	3.92e-03	0.0	0.0	-861.08	0.12	0.32	0.0	-8.59	5.17
		5.17	-8.59	-8.25e-03	0.0	112.0	-857.10	0.12	0.32	0.0	27.46	18.30
1488	5	18.30	27.46	3.92e-03	0.0	0.0	-861.08	0.12	0.32	0.0	-8.59	5.17
		5.17	-8.59	-8.25e-03	0.0	112.0	-857.10	0.12	0.32	0.0	27.46	18.30
1489	1	38.84	-1.72	6.68e-03	0.0	0.0	-417.02	0.24	-0.91	0.0	-1.72	11.45
		11.45	-103.55	-7.88e-03	0.0	112.0	-411.84	0.24	-0.91	0.0	-103.55	38.84
1489	2	31.47	-1.39	5.39e-03	0.0	0.0	-337.67	0.20	-0.73	0.0	-1.39	9.27
		9.27	-82.70	-6.38e-03	0.0	112.0	-333.69	0.20	-0.73	0.0	-82.70	31.47
1489	3	29.15	-1.36	5.03e-03	0.0	0.0	-313.33	0.18	-0.69	0.0	-1.36	8.61
		8.61	-78.15	-5.91e-03	0.0	112.0	-309.34	0.18	-0.69	0.0	-78.15	29.15
1489	4	24.53	-1.13	4.30e-03	0.0	0.0	-264.46	0.15	-0.61	0.0	-1.13	7.28
		7.28	-69.31	-5.03e-03	0.0	112.0	-260.48	0.15	-0.61	0.0	-69.31	24.53
1489	5	24.53	-1.13	4.30e-03	0.0	0.0	-264.46	0.15	-0.61	0.0	-1.13	7.28
		7.28	-69.31	-5.03e-03	0.0	112.0	-260.48	0.15	-0.61	0.0	-69.31	24.53
1493	1	133.32	-28.67	5.73e-03	0.0	0.0	-882.74	0.84	-0.28	0.0	-28.67	39.16
		39.16	-59.89	-0.01	0.0	112.0	-877.56	0.84	-0.28	0.0	-59.89	133.32
1493	2	107.63	-22.98	4.61e-03	0.0	0.0	-712.66	0.68	-0.22	0.0	-22.98	31.58
		31.58	-47.91	-8.22e-03	0.0	112.0	-708.68	0.68	-0.22	0.0	-47.91	107.63
1493	3	100.36	-21.61	4.29e-03	0.0	0.0	-664.07	0.63	-0.21	0.0	-21.61	29.47





		29.47	-45.32	-7.64e-03	0.0	112.0	-660.09	0.63	-0.21	0.0	-45.32	100.36
1493	4	85.76	-19.03	3.67e-03	0.0	0.0	-566.98	0.54	-0.19	0.0	-19.03	25.25
		25.25	-39.80	-6.56e-03	0.0	112.0	-562.99	0.54	-0.19	0.0	-39.80	85.76
1493	5	85.76	-19.03	3.67e-03	0.0	0.0	-566.98	0.54	-0.19	0.0	-19.03	25.25
		25.25	-39.80	-6.56e-03	0.0	112.0	-562.99	0.54	-0.19	0.0	-39.80	85.76
1498	1	56.64	3.11	-0.01	0.0	0.0	-376.67	0.08	-0.08	4.53	3.11	50.17
		50.17	-3.60	-1.76e-03	0.0	80.0	-372.98	0.08	-0.08	4.53	-3.60	56.64
1498	2	45.49	2.51	-9.65e-03	0.0	0.0	-304.98	0.06	-0.07	3.68	2.51	40.82
		40.82	-2.96	-1.41e-03	0.0	80.0	-302.14	0.06	-0.07	3.68	-2.96	45.49
1498	3	42.64	2.28	-9.00e-03	0.0	0.0	-282.93	0.06	-0.06	3.43	2.28	37.61
		37.61	-2.57	-1.35e-03	0.0	80.0	-280.09	0.06	-0.06	3.43	-2.57	42.64
1498	4	37.18	1.97	-7.69e-03	0.0	0.0	-238.81	0.08	-0.05	2.84	1.97	31.14
		31.14	-2.26	-1.19e-03	0.0	80.0	-235.96	0.08	-0.05	2.84	-2.26	37.18
1498	5	37.18	1.97	-7.69e-03	0.0	0.0	-238.81	0.08	-0.05	2.84	1.97	31.14
		31.14	-2.26	-1.19e-03	0.0	80.0	-235.96	0.08	-0.05	2.84	-2.26	37.18
1501	1	316.19	119.10	6.47e-03	0.0	0.0	-363.57	-9.08	1.94	2.04	-12.49	316.19
		-301.11	-12.49	1.33e-03	0.0	68.0	-360.43	-9.08	1.94	2.04	119.10	-301.11
1501	2	255.43	96.84	5.23e-03	0.0	0.0	-295.02	-7.33	1.57	1.65	-10.18	255.43
		-243.24	-10.18	1.10e-03	0.0	68.0	-292.60	-7.33	1.57	1.65	96.84	-243.24
1501	3	237.46	89.30	4.85e-03	0.0	0.0	-272.81	-6.82	1.45	1.67	-9.25	237.46
		-226.11	-9.25	9.84e-04	0.0	68.0	-270.39	-6.82	1.45	1.67	89.30	-226.11
1501	4	202.49	74.46	4.14e-03	0.0	0.0	-228.38	-5.81	1.21	1.44	-7.90	202.49
		-192.83	-7.90	7.48e-04	0.0	68.0	-225.96	-5.81	1.21	1.44	74.46	-192.83
1501	5	202.49	74.46	4.14e-03	0.0	0.0	-228.38	-5.81	1.21	1.44	-7.90	202.49
		-192.83	-7.90	7.48e-04	0.0	68.0	-225.96	-5.81	1.21	1.44	74.46	-192.83
1502	1	43.53	53.04	-8.66e-03	0.0	0.0	-967.04	0.54	0.71	0.0	-3.65	0.0
		0.0	-3.65	-6.61e-03	0.0	80.0	-963.35	0.54	0.71	0.0	53.04	43.53
1502	2	35.13	42.53	-6.99e-03	0.0	0.0	-779.09	0.44	0.57	0.0	-2.94	0.0
		0.0	-2.94	-5.30e-03	0.0	80.0	-776.25	0.44	0.57	0.0	42.53	35.13
1502	3	32.74	40.03	-6.52e-03	0.0	0.0	-728.24	0.41	0.53	0.0	-2.76	0.0
		0.0	-2.76	-4.99e-03	0.0	80.0	-725.39	0.41	0.53	0.0	40.03	32.74
1502	4	27.98	35.06	-5.56e-03	0.0	0.0	-626.47	0.35	0.47	0.0	-2.39	0.0
		0.0	-2.39	-4.36e-03	0.0	80.0	-623.63	0.35	0.47	0.0	35.06	27.98
1502	5	27.98	35.06	-5.56e-03	0.0	0.0	-626.47	0.35	0.47	0.0	-2.39	0.0
		0.0	-2.39	-4.36e-03	0.0	80.0	-623.63	0.35	0.47	0.0	35.06	27.98
1507	1	-1.36	1.69	3.14e-03	0.0	0.0	-1556.53	-0.04	-0.02	0.0	1.69	-1.36
		-5.59	-0.18	-0.02	0.0	100.0	-1551.90	-0.04	-0.02	0.0	-0.18	-5.59
1507	2	-1.09	1.36	2.52e-03	0.0	0.0	-1254.75	-0.03	-0.02	0.0	1.36	-1.09
		-4.49	-0.15	-0.01	0.0	100.0	-1251.20	-0.03	-0.02	0.0	-0.15	-4.49
1507	3	-1.03	1.27	2.37e-03	0.0	0.0	-1171.80	-0.03	-0.01	0.0	1.27	-1.03
		-4.22	-0.13	-0.01	0.0	100.0	-1168.24	-0.03	-0.01	0.0	-0.13	-4.22
1507	4	-0.90	1.11	2.07e-03	0.0	0.0	-1005.93	-0.03	-0.01	0.0	1.11	-0.90
		-3.68	-0.09	-0.01	0.0	100.0	-1002.37	-0.03	-0.01	0.0	-0.09	-3.68
1507	5	-0.90	1.11	2.07e-03	0.0	0.0	-1005.93	-0.03	-0.01	0.0	1.11	-0.90
		-3.68	-0.09	-0.01	0.0	100.0	-1002.37	-0.03	-0.01	0.0	-0.09	-3.68
1508	1	-1.62	394.61	3.14e-03	0.0	0.0	-2162.31	-0.03	-4.95	0.0	394.61	-1.62
		-4.85	-100.79	-0.01	0.0	100.0	-2157.69	-0.03	-4.95	0.0	-100.79	-4.85
1508	2	-1.30	317.56	2.52e-03	0.0	0.0	-1743.13	-0.03	-3.99	0.0	317.56	-1.30
		-3.89	-81.12	-0.01	0.0	100.0	-1739.57	-0.03	-3.99	0.0	-81.12	-3.89
1508	3	-1.22	297.30	2.37e-03	0.0	0.0	-1627.82	-0.02	-3.73	0.0	297.30	-1.22
		-3.66	-75.93	-0.01	0.0	100.0	-1624.27	-0.02	-3.73	0.0	-75.93	-3.66
1508	4	-1.07	256.84	2.07e-03	0.0	0.0	-1397.27	-0.02	-3.22	0.0	256.84	-1.07
		-3.20	-65.57	-8.64e-03	0.0	100.0	-1393.71	-0.02	-3.22	0.0	-65.57	-3.20
1508	5	-1.07	256.84	2.07e-03	0.0	0.0	-1397.27	-0.02	-3.22	0.0	256.84	-1.07
		-3.20	-65.57	-8.64e-03	0.0	100.0	-1393.71	-0.02	-3.22	0.0	-65.57	-3.20
1511	1	4.92	18.15	-2.61e-03	0.0	0.0	-2114.34	0.03	-0.84	0.0	18.15	1.68
		1.68	-65.74	-0.01	0.0	100.0	-2109.72	0.03	-0.84	0.0	-65.74	4.92
1511	2	3.95	14.66	-2.10e-03	0.0	0.0	-1704.35	0.03	-0.68	0.0	14.66	1.35
		1.35	-52.93	-8.07e-03	0.0	100.0	-1700.80	0.03	-0.68	0.0	-52.93	3.95
1511	3	3.71	13.68	-1.97e-03	0.0	0.0	-1591.72	0.02	-0.63	0.0	13.68	1.26
		1.26	-49.54	-7.55e-03	0.0	100.0	-1588.16	0.02	-0.63	0.0	-49.54	3.71
1511	4	3.24	11.63	-1.70e-03	0.0	0.0	-1366.52	0.02	-0.54	0.0	11.63	1.10
		1.10	-42.72	-6.50e-03	0.0	100.0	-1362.96	0.02	-0.54	0.0	-42.72	3.24
1511	5	3.24	11.63	-1.70e-03	0.0	0.0	-1366.52	0.02	-0.54	0.0	11.63	1.10
		1.10	-42.72	-6.50e-03	0.0	100.0	-1362.96	0.02	-0.54	0.0	-42.72	3.24
1513	1	5.76	-192.77	-2.61e-03	0.0	0.0	-1505.45	0.04	-4.54	0.0	-192.77	1.38
		1.38	-647.15	0.12	0.0	100.0	-1500.83	0.04	-4.54	0.0	-647.15	5.76
1513	2	4.63	-155.20	-2.10e-03	0.0	0.0	-1213.56	0.04	-3.66	0.0	-155.20	1.11
		1.11	-521.04	0.10	0.0	100.0	-1210.00	0.04	-3.66	0.0	-521.04	4.63
1513	3	4.34	-145.22	-1.97e-03	0.0	0.0	-1133.35	0.03	-3.42	0.0	-145.22	1.04
		1.04	-487.50	0.09	0.0	100.0	-1129.79	0.03	-3.42	0.0	-487.50	4.34
1513	4	3.78	-125.23	-1.70e-03	0.0	0.0	-972.94	0.03	-2.95	0.0	-125.23	0.91
		0.91	-420.39	0.08	0.0	100.0	-969.39	0.03	-2.95	0.0	-420.39	3.78
1513	5	3.78	-125.23	-1.70e-03	0.0	0.0	-972.94	0.03	-2.95	0.0	-125.23	0.91
		0.91	-420.39	0.08	0.0	100.0	-969.39	0.03	-2.95	0.0	-420.39	3.78
1516	1	67.74	1.59	6.90e-03	0.0	0.0	-1685.74	3.92	-0.02	0.0	1.59	-324.22
		-324.22	0.07	-0.02	0.0	100.0	-1681.12	3.92	-0.02	0.0	0.07	67.74

1516	2	54.54	1.28	5.55e-03	0.0	0.0	-1358.21	3.16	-0.01	0.0	1.28	-261.00
		-261.00	0.05	-0.01	0.0	100.0	-1354.66	3.16	-0.01	0.0	0.05	54.54
1516	3	51.02	1.20	5.20e-03	0.0	0.0	-1269.39	2.95	-0.01	0.0	1.20	-244.23
		-244.23	0.05	-0.01	0.0	100.0	-1265.84	2.95	-0.01	0.0	0.05	51.02
1516	4	44.01	1.04	4.49e-03	0.0	0.0	-1091.75	2.55	-9.78e-03	0.0	1.04	-210.70
		-210.70	0.06	-0.01	0.0	100.0	-1088.19	2.55	-9.78e-03	0.0	0.06	44.01
1516	5	44.01	1.04	4.49e-03	0.0	0.0	-1091.75	2.55	-9.78e-03	0.0	1.04	-210.70
		-210.70	0.06	-0.01	0.0	100.0	-1088.19	2.55	-9.78e-03	0.0	0.06	44.01
1517	1	68.18	397.91	6.96e-03	0.0	0.0	-2239.44	3.94	-5.00	0.0	397.91	-325.77
		-325.77	-102.40	-0.01	0.0	100.0	-2234.82	3.94	-5.00	0.0	-102.40	68.18
1517	2	54.89	320.22	5.60e-03	0.0	0.0	-1803.97	3.17	-4.03	0.0	320.22	-262.25
		-262.25	-82.41	-0.01	0.0	100.0	-1800.42	3.17	-4.03	0.0	-82.41	54.89
1517	3	51.36	299.79	5.24e-03	0.0	0.0	-1686.47	2.97	-3.77	0.0	299.79	-245.39
		-245.39	-77.15	-9.99e-03	0.0	100.0	-1682.91	2.97	-3.77	0.0	-77.15	51.36
1517	4	44.30	259.00	4.53e-03	0.0	0.0	-1451.37	2.56	-3.26	0.0	259.00	-211.70
		-211.70	-66.62	-8.62e-03	0.0	100.0	-1447.81	2.56	-3.26	0.0	-66.62	44.30
1517	5	44.30	259.00	4.53e-03	0.0	0.0	-1451.37	2.56	-3.26	0.0	259.00	-211.70
		-211.70	-66.62	-8.62e-03	0.0	100.0	-1447.81	2.56	-3.26	0.0	-66.62	44.30
1521	1	216.26	18.79	-4.58e-03	0.0	0.0	-1911.50	-2.62	-0.93	0.0	18.79	216.26
		-45.48	-74.48	-9.00e-03	0.0	100.0	-1906.88	-2.62	-0.93	0.0	-74.48	-45.48
1521	2	174.01	15.18	-3.69e-03	0.0	0.0	-1539.74	-2.11	-0.75	0.0	15.18	174.01
		-36.60	-59.97	-7.25e-03	0.0	100.0	-1536.19	-2.11	-0.75	0.0	-59.97	-36.60
1521	3	163.02	14.16	-3.45e-03	0.0	0.0	-1439.62	-1.97	-0.70	0.0	14.16	163.02
		-34.28	-56.12	-6.78e-03	0.0	100.0	-1436.07	-1.97	-0.70	0.0	-56.12	-34.28
1521	4	140.80	12.04	-2.98e-03	0.0	0.0	-1239.14	-1.70	-0.60	0.0	12.04	140.80
		-29.58	-48.40	-5.84e-03	0.0	100.0	-1235.58	-1.70	-0.60	0.0	-48.40	-29.58
1521	5	140.80	12.04	-2.98e-03	0.0	0.0	-1239.14	-1.70	-0.60	0.0	12.04	140.80
		-29.58	-48.40	-5.84e-03	0.0	100.0	-1235.58	-1.70	-0.60	0.0	-48.40	-29.58
1522	1	215.07	-187.43	-4.54e-03	0.0	0.0	-1541.23	-2.60	-4.67	0.0	-187.43	215.07
		-45.02	-654.69	0.12	0.0	100.0	-1536.61	-2.60	-4.67	0.0	-654.69	-45.02
1522	2	173.05	-150.90	-3.66e-03	0.0	0.0	-1241.82	-2.09	-3.76	0.0	-150.90	173.05
		-36.23	-527.11	0.10	0.0	100.0	-1238.27	-2.09	-3.76	0.0	-527.11	-36.23
1522	3	162.12	-141.19	-3.42e-03	0.0	0.0	-1160.61	-1.96	-3.52	0.0	-141.19	162.12
		-33.94	-493.19	0.09	0.0	100.0	-1157.06	-1.96	-3.52	0.0	-493.19	-33.94
1522	4	140.03	-121.76	-2.96e-03	0.0	0.0	-998.07	-1.69	-3.04	0.0	-121.76	140.03
		-29.29	-425.30	0.08	0.0	100.0	-994.52	-1.69	-3.04	0.0	-425.30	-29.29
1522	5	140.03	-121.76	-2.96e-03	0.0	0.0	-998.07	-1.69	-3.04	0.0	-121.76	140.03
		-29.29	-425.30	0.08	0.0	100.0	-994.52	-1.69	-3.04	0.0	-425.30	-29.29
1523	1	74.92	1.48	7.55e-03	0.0	0.0	-2028.51	4.39	-0.01	0.0	1.48	-363.73
		-363.73	0.35	-0.02	0.0	100.0	-2023.89	4.39	-0.01	0.0	0.35	74.92
1523	2	60.31	1.19	6.08e-03	0.0	0.0	-1634.66	3.53	-9.14e-03	0.0	1.19	-292.78
		-292.78	0.28	-0.01	0.0	100.0	-1631.10	3.53	-9.14e-03	0.0	0.28	60.31
1523	3	56.44	1.12	5.69e-03	0.0	0.0	-1527.36	3.30	-8.54e-03	0.0	1.12	-274.01
		-274.01	0.27	-0.01	0.0	100.0	-1523.81	3.30	-8.54e-03	0.0	0.27	56.44
1523	4	48.72	0.97	4.91e-03	0.0	0.0	-1312.89	2.85	-7.28e-03	0.0	0.97	-236.72
		-236.72	0.25	-0.01	0.0	100.0	-1309.33	2.85	-7.28e-03	0.0	0.25	48.72
1523	5	48.72	0.97	4.91e-03	0.0	0.0	-1312.89	2.85	-7.28e-03	0.0	0.97	-236.72
		-236.72	0.25	-0.01	0.0	100.0	-1309.33	2.85	-7.28e-03	0.0	0.25	48.72
1528	1	75.49	398.34	7.62e-03	0.0	0.0	-2674.58	4.41	-5.04	0.0	398.34	-365.48
		-365.48	-105.35	-0.01	0.0	100.0	-2669.96	4.41	-5.04	0.0	-105.35	75.49
1528	2	60.77	320.56	6.13e-03	0.0	0.0	-2154.88	3.55	-4.05	0.0	320.56	-294.19
		-294.19	-84.79	-0.01	0.0	100.0	-2151.33	3.55	-4.05	0.0	-84.79	60.77
1528	3	56.87	300.11	5.74e-03	0.0	0.0	-2014.01	3.32	-3.79	0.0	300.11	-275.33
		-275.33	-79.37	-9.85e-03	0.0	100.0	-2010.45	3.32	-3.79	0.0	-79.37	56.87
1528	4	49.09	259.29	4.96e-03	0.0	0.0	-1732.42	2.87	-3.28	0.0	259.29	-237.86
		-237.86	-68.55	-8.50e-03	0.0	100.0	-1728.86	2.87	-3.28	0.0	-68.55	49.09
1528	5	49.09	259.29	4.96e-03	0.0	0.0	-1732.42	2.87	-3.28	0.0	259.29	-237.86
		-237.86	-68.55	-8.50e-03	0.0	100.0	-1728.86	2.87	-3.28	0.0	-68.55	49.09
1531	1	49.36	202.15	-9.87e-03	0.0	0.0	-492.49	0.62	2.53	0.0	0.0	0.0
		0.0	0.0	-0.06	0.0	80.0	-488.79	0.62	2.53	0.0	202.15	49.36
1531	2	39.82	162.76	-7.96e-03	0.0	0.0	-396.73	0.50	2.03	0.0	0.0	0.0
		0.0	0.0	-0.05	0.0	80.0	-393.89	0.50	2.03	0.0	162.76	39.82
1531	3	37.14	152.28	-7.43e-03	0.0	0.0	-370.94	0.46	1.90	0.0	0.0	0.0
		0.0	0.0	-0.04	0.0	80.0	-368.09	0.46	1.90	0.0	152.28	37.14
1531	4	31.79	131.31	-6.36e-03	0.0	0.0	-319.18	0.40	1.64	0.0	0.0	0.0
		0.0	0.0	-0.04	0.0	80.0	-316.34	0.40	1.64	0.0	131.31	31.79
1531	5	31.79	131.31	-6.36e-03	0.0	0.0	-319.18	0.40	1.64	0.0	0.0	0.0
		0.0	0.0	-0.04	0.0	80.0	-316.34	0.40	1.64	0.0	131.31	31.79
1532	1	445.83	26.07	-8.92e-03	0.0	0.0	-2445.75	-5.37	-1.09	0.0	26.07	445.83
		-91.29	-82.82	-6.67e-03	0.0	100.0	-2441.12	-5.37	-1.09	0.0	-82.82	-91.29
1532	2	359.01	21.04	-7.19e-03	0.0	0.0	-1970.01	-4.33	-0.88	0.0	21.04	359.01
		-73.53	-66.68	-5.37e-03	0.0	100.0	-1966.46	-4.33	-0.88	0.0	-66.68	-73.53
1532	3	335.78	19.64	-6.72e-03	0.0	0.0	-1841.90	-4.05	-0.82	0.0	19.64	335.78
		-68.75	-62.39	-5.02e-03	0.0	100.0	-1838.34	-4.05	-0.82	0.0	-62.39	-68.75
1532	4	289.37	16.77	-5.79e-03	0.0	0.0	-1585.80	-3.49	-0.71	0.0	16.77	289.37
		-59.20	-53.80	-4.32e-03	0.0	100.0	-1582.24	-3.49	-0.71	0.0	-53.80	-59.20
1532	5	289.37	16.77	-5.79e-03	0.0	0.0	-1585.80	-3.49	-0.71	0.0	16.77	289.37





1536	1	-59.20	-53.80	-4.32e-03	0.0	100.0	-1582.24	-3.49	-0.71	0.0	-53.80	-59.20
		47.04	24.07	0.01	0.0	0.0	-2082.33	-1.01	0.16	0.0	10.39	47.04
1536	2	-42.08	10.39	-9.91e-03	0.0	88.0	-2078.26	-1.01	0.16	0.0	24.07	-42.08
		38.04	19.46	0.01	0.0	0.0	-1684.15	-0.82	0.13	0.0	8.38	38.04
1536	3	-34.00	8.38	-7.98e-03	0.0	88.0	-1681.02	-0.82	0.13	0.0	19.46	-34.00
		35.31	18.04	0.01	0.0	0.0	-1565.26	-0.76	0.12	0.0	7.79	35.31
1536	4	-31.65	7.79	-7.48e-03	0.0	88.0	-1562.13	-0.76	0.12	0.0	18.04	-31.65
		29.87	15.23	9.38e-03	0.0	0.0	-1327.42	-0.65	0.10	0.0	6.66	29.87
1536	5	-26.93	6.66	-6.45e-03	0.0	88.0	-1324.29	-0.65	0.10	0.0	15.23	-26.93
		29.87	15.23	9.38e-03	0.0	0.0	-1327.42	-0.65	0.10	0.0	6.66	29.87
1537	1	-26.93	6.66	-6.45e-03	0.0	88.0	-1324.29	-0.65	0.10	0.0	15.23	-26.93
		41.26	13.58	-0.01	0.0	0.0	-2090.47	0.95	0.17	0.0	-1.60	-42.57
1537	2	-42.57	-1.60	-9.04e-03	0.0	88.0	-2086.40	0.95	0.17	0.0	13.58	41.26
		33.33	11.05	-0.01	0.0	0.0	-1690.68	0.77	0.14	0.0	-1.25	-34.51
1537	3	-34.51	-1.25	-7.28e-03	0.0	88.0	-1687.55	0.77	0.14	0.0	11.05	33.33
		31.04	10.26	-9.52e-03	0.0	0.0	-1571.36	0.72	0.13	0.0	-1.23	-32.02
1537	4	-32.02	-1.23	-6.80e-03	0.0	88.0	-1568.23	0.72	0.13	0.0	10.26	31.04
		26.46	8.50	-8.10e-03	0.0	0.0	-1332.60	0.61	0.11	0.0	-1.23	-26.97
1537	5	-26.97	-1.23	-5.89e-03	0.0	88.0	-1329.47	0.61	0.11	0.0	8.50	26.46
		26.46	8.50	-8.10e-03	0.0	0.0	-1332.60	0.61	0.11	0.0	-1.23	-26.97
1541	1	-26.97	-1.23	-5.89e-03	0.0	88.0	-1329.47	0.61	0.11	0.0	8.50	26.46
		50.90	9.47	-0.01	0.0	0.0	-1336.73	1.09	-0.45	0.0	9.47	-45.26
1541	2	-45.26	-29.70	1.63e-03	0.0	88.0	-1332.66	1.09	-0.45	0.0	-29.70	50.90
		41.11	7.43	-0.01	0.0	0.0	-1080.42	0.88	-0.36	0.0	7.43	-36.69
1541	3	-36.69	-23.82	1.26e-03	0.0	88.0	-1077.29	0.88	-0.36	0.0	-23.82	41.11
		38.29	7.24	-0.01	0.0	0.0	-1005.03	0.82	-0.34	0.0	7.24	-34.05
1541	4	-34.05	-22.37	1.26e-03	0.0	88.0	-1001.90	0.82	-0.34	0.0	-22.37	38.29
		32.66	6.79	-9.48e-03	0.0	0.0	-854.20	0.70	-0.30	0.0	6.79	-28.71
1541	5	-28.71	-19.59	1.21e-03	0.0	88.0	-851.07	0.70	-0.30	0.0	-19.59	32.66
		32.66	6.79	-9.48e-03	0.0	0.0	-854.20	0.70	-0.30	0.0	6.79	-28.71
1542	1	-28.71	-19.59	1.21e-03	0.0	88.0	-851.07	0.70	-0.30	0.0	-19.59	32.66
		43.45	3.61	0.02	0.0	0.0	-1348.40	-0.99	7.51e-03	0.0	2.95	43.45
1542	2	-44.06	2.95	-9.65e-03	0.0	88.0	-1344.33	-0.99	7.51e-03	0.0	3.61	-44.06
		35.15	2.91	0.01	0.0	0.0	-1090.06	-0.80	6.42e-03	0.0	2.35	35.15
1542	3	-35.56	2.35	-7.79e-03	0.0	88.0	-1086.93	-0.80	6.42e-03	0.0	2.91	-35.56
		32.66	2.72	0.01	0.0	0.0	-1013.75	-0.75	6.22e-03	0.0	2.18	32.66
1542	4	-33.14	2.18	-7.28e-03	0.0	88.0	-1010.62	-0.75	6.22e-03	0.0	2.72	-33.14
		27.69	2.34	9.98e-03	0.0	0.0	-861.10	-0.64	4.51e-03	0.0	1.94	27.69
1542	5	-28.30	1.94	-6.24e-03	0.0	88.0	-857.97	-0.64	4.51e-03	0.0	2.34	-28.30
		27.69	2.34	9.98e-03	0.0	0.0	-861.10	-0.64	4.51e-03	0.0	1.94	27.69
1543	1	-28.30	1.94	-6.24e-03	0.0	88.0	-857.97	-0.64	4.51e-03	0.0	2.34	-28.30
		33.15	41.48	0.01	0.0	0.0	-1893.41	-0.71	0.39	0.0	6.94	33.15
1543	2	-29.50	6.94	-9.74e-03	0.0	88.0	-1889.34	-0.71	0.39	0.0	41.48	-29.50
		26.83	33.58	8.88e-03	0.0	0.0	-1532.16	-0.58	0.32	0.0	5.59	26.83
1543	3	-23.80	5.59	-7.84e-03	0.0	88.0	-1529.03	-0.58	0.32	0.0	33.58	-23.80
		24.95	31.12	8.29e-03	0.0	0.0	-1422.63	-0.54	0.29	0.0	5.19	24.95
1543	4	-22.22	5.19	-7.35e-03	0.0	88.0	-1419.50	-0.54	0.29	0.0	31.12	-22.22
		21.10	26.27	7.08e-03	0.0	0.0	-1204.04	-0.46	0.25	0.0	4.45	21.10
1543	5	-19.01	4.45	-6.34e-03	0.0	88.0	-1200.91	-0.46	0.25	0.0	26.27	-19.01
		21.10	26.27	7.08e-03	0.0	0.0	-1204.04	-0.46	0.25	0.0	4.45	21.10
1546	1	-19.01	4.45	-6.34e-03	0.0	88.0	-1200.91	-0.46	0.25	0.0	26.27	-19.01
		29.62	32.54	-0.01	0.0	0.0	-1868.59	0.68	0.41	0.0	-3.86	-30.48
1546	2	-30.48	-3.86	-8.90e-03	0.0	88.0	-1864.52	0.68	0.41	0.0	32.54	29.62
		23.90	26.39	-8.48e-03	0.0	0.0	-1512.15	0.55	0.33	0.0	-3.08	-24.69
1546	3	-24.69	-3.08	-7.17e-03	0.0	88.0	-1509.02	0.55	0.33	0.0	26.39	23.90
		22.27	24.48	-7.90e-03	0.0	0.0	-1404.37	0.51	0.31	0.0	-2.93	-22.85
1546	4	-22.85	-2.93	-6.70e-03	0.0	88.0	-1401.24	0.51	0.31	0.0	24.48	22.27
		19.06	20.54	-6.75e-03	0.0	0.0	-1188.75	0.44	0.26	0.0	-2.69	-19.29
1546	5	-19.29	-2.69	-5.81e-03	0.0	88.0	-1185.62	0.44	0.26	0.0	20.54	19.06
		19.06	20.54	-6.75e-03	0.0	0.0	-1188.75	0.44	0.26	0.0	-2.69	-19.29
1547	1	-19.29	-2.69	-5.81e-03	0.0	88.0	-1185.62	0.44	0.26	0.0	20.54	19.06
		40.68	12.63	-0.01	0.0	0.0	-1245.72	0.87	-0.48	0.0	12.63	-35.62
1547	2	-35.62	-29.91	1.80e-03	0.0	88.0	-1241.65	0.87	-0.48	0.0	-29.91	40.68
		32.82	9.98	-0.01	0.0	0.0	-1006.91	0.70	-0.39	0.0	9.98	-28.84
1547	3	-28.84	-23.99	1.40e-03	0.0	88.0	-1003.78	0.70	-0.39	0.0	-23.99	32.82
		30.59	9.62	-9.79e-03	0.0	0.0	-936.51	0.65	-0.37	0.0	9.62	-26.71
1547	4	-26.71	-22.54	1.39e-03	0.0	88.0	-933.38	0.65	-0.37	0.0	-22.54	30.59
		26.21	8.83	-8.37e-03	0.0	0.0	-796.00	0.55	-0.33	0.0	8.83	-22.61
1547	5	-22.61	-19.78	1.33e-03	0.0	88.0	-792.87	0.55	-0.33	0.0	-19.78	26.21
		26.21	8.83	-8.37e-03	0.0	0.0	-796.00	0.55	-0.33	0.0	8.83	-22.61
1548	1	-22.61	-19.78	1.33e-03	0.0	88.0	-792.87	0.55	-0.33	0.0	-19.78	26.21
		47.32	5.11	0.02	0.0	0.0	-1308.35	-1.10	-0.02	0.0	5.11	47.32
1548	2	-49.88	3.42	-9.52e-03	0.0	88.0	-1304.28	-1.10	-0.02	0.0	3.42	-49.88
		38.27	4.09	0.01	0.0	0.0	-1057.46	-0.89	-0.02	0.0	4.09	38.27
1548	3	-40.29	2.76	-7.68e-03	0.0	88.0	-1054.33	-0.89	-0.02	0.0	2.76	-40.29
		35.51	3.79	0.01	0.0	0.0	-983.76	-0.83	-0.01	0.0	3.79	35.51
		-37.52	2.58	-7.19e-03	0.0	88.0	-980.63	-0.83	-0.01	0.0	2.58	-37.52

1548	4	30.07	3.33	0.01	0.0	0.0	-836.32	-0.70	-0.01	0.0	3.33	30.07
		-31.97	2.20	-6.15e-03	0.0	88.0	-833.19	-0.70	-0.01	0.0	2.20	-31.97
1548	5	30.07	3.33	0.01	0.0	0.0	-836.32	-0.70	-0.01	0.0	3.33	30.07
		-31.97	2.20	-6.15e-03	0.0	88.0	-833.19	-0.70	-0.01	0.0	2.20	-31.97
1551	1	45.13	31.84	0.01	0.0	0.0	-2032.68	-0.98	0.26	0.0	9.31	45.13
		-40.84	9.31	-9.82e-03	0.0	88.0	-2028.61	-0.98	0.26	0.0	31.84	-40.84
1551	2	36.50	25.76	0.01	0.0	0.0	-1643.84	-0.79	0.21	0.0	7.51	36.50
		-32.99	7.51	-7.91e-03	0.0	88.0	-1640.72	-0.79	0.21	0.0	25.76	-32.99
1551	3	33.86	23.88	0.01	0.0	0.0	-1527.96	-0.73	0.19	0.0	6.98	33.86
		-30.71	6.98	-7.41e-03	0.0	88.0	-1524.83	-0.73	0.19	0.0	23.88	-30.71
1551	4	28.64	20.15	8.90e-03	0.0	0.0	-1296.17	-0.62	0.16	0.0	5.97	28.64
		-26.15	5.97	-6.40e-03	0.0	88.0	-1293.04	-0.62	0.16	0.0	20.15	-26.15
1551	5	28.64	20.15	8.90e-03	0.0	0.0	-1296.17	-0.62	0.16	0.0	5.97	28.64
		-26.15	5.97	-6.40e-03	0.0	88.0	-1293.04	-0.62	0.16	0.0	20.15	-26.15
1552	1	40.61	22.30	-0.01	0.0	0.0	-2031.14	0.93	0.29	0.0	-3.13	-41.13
		-41.13	-3.13	-8.96e-03	0.0	88.0	-2027.07	0.93	0.29	0.0	22.30	40.61
1552	2	32.81	18.11	-0.01	0.0	0.0	-1642.68	0.75	0.23	0.0	-2.48	-33.34
		-33.34	-2.48	-7.22e-03	0.0	88.0	-1639.55	0.75	0.23	0.0	18.11	32.81
1552	3	30.55	16.80	-9.55e-03	0.0	0.0	-1526.77	0.70	0.22	0.0	-2.39	-30.95
		-30.95	-2.39	-6.75e-03	0.0	88.0	-1523.64	0.70	0.22	0.0	16.80	30.55
1552	4	26.04	14.04	-8.13e-03	0.0	0.0	-1294.80	0.59	0.19	0.0	-2.24	-26.09
		-26.09	-2.24	-5.84e-03	0.0	88.0	-1291.67	0.59	0.19	0.0	14.04	26.04
1552	5	26.04	14.04	-8.13e-03	0.0	0.0	-1294.80	0.59	0.19	0.0	-2.24	-26.09
		-26.09	-2.24	-5.84e-03	0.0	88.0	-1291.67	0.59	0.19	0.0	14.04	26.04
1553	1	39.16	16.06	-0.01	0.0	0.0	-888.89	0.84	-0.51	0.0	16.06	-34.83
		-34.83	-28.67	2.10e-03	0.0	88.0	-884.82	0.84	-0.51	0.0	-28.67	39.16
1553	2	31.58	12.76	-9.76e-03	0.0	0.0	-717.39	0.68	-0.41	0.0	12.76	-28.17
		-28.17	-22.98	1.64e-03	0.0	88.0	-714.26	0.68	-0.41	0.0	-22.98	31.58
1553	3	29.47	12.20	-9.11e-03	0.0	0.0	-668.80	0.63	-0.38	0.0	12.20	-26.23
		-26.23	-21.61	1.62e-03	0.0	88.0	-665.67	0.63	-0.38	0.0	-21.61	29.47
1553	4	25.25	11.05	-7.81e-03	0.0	0.0	-571.71	0.54	-0.34	0.0	11.05	-22.30
		-22.30	-19.03	1.53e-03	0.0	88.0	-568.58	0.54	-0.34	0.0	-19.03	25.25
1553	5	25.25	11.05	-7.81e-03	0.0	0.0	-571.71	0.54	-0.34	0.0	11.05	-22.30
		-22.30	-19.03	1.53e-03	0.0	88.0	-568.58	0.54	-0.34	0.0	-19.03	25.25
1562	1	443.70	-181.23	-8.84e-03	0.0	0.0	-1599.90	-5.34	-4.82	0.0	-181.23	443.70
		-90.70	-663.29	0.12	0.0	100.0	-1595.27	-5.34	-4.82	0.0	-663.29	-90.70
1562	2	357.29	-145.91	-7.12e-03	0.0	0.0	-1289.07	-4.30	-3.88	0.0	-145.91	357.29
		-73.05	-534.03	0.10	0.0	100.0	-1285.52	-4.30	-3.88	0.0	-534.03	-73.05
1562	3	334.17	-136.52	-6.66e-03	0.0	0.0	-1204.74	-4.02	-3.63	0.0	-136.52	334.17
		-68.30	-499.67	0.09	0.0	100.0	-1201.18	-4.02	-3.63	0.0	-499.67	-68.30
1562	4	287.99	-117.73	-5.74e-03	0.0	0.0	-1036.10	-3.47	-3.13	0.0	-117.73	287.99
		-58.82	-430.89	0.08	0.0	100.0	-1032.54	-3.47	-3.13	0.0	-430.89	-58.82
1562	5	287.99	-117.73	-5.74e-03	0.0	0.0	-1036.10	-3.47	-3.13	0.0	-117.73	287.99
		-58.82	-430.89	0.08	0.0	100.0	-1032.54	-3.47	-3.13	0.0	-430.89	-58.82
1563	1	12.78	35.68	-5.84e-03	0.0	0.0	-2240.35	0.09	-1.33	0.0	35.68	3.78
		3.78	-96.87	-4.33e-03	0.0	100.0	-2235.73	0.09	-1.33	0.0	-96.87	12.78
1563	2	10.27	28.77	-4.69e-03	0.0	0.0	-1806.10	0.07	-1.07	0.0	28.77	3.04
		3.04	-77.99	-3.49e-03	0.0	100.0	-1802.54	0.07	-1.07	0.0	-77.99	10.27
1563	3	9.63	26.88	-4.40e-03	0.0	0.0	-1686.50	0.07	-1.00	0.0	26.88	2.85
		2.85	-72.98	-3.26e-03	0.0	100.0	-1682.94	0.07	-1.00	0.0	-72.98	9.63
1563	4	8.36	23.03	-3.82e-03	0.0	0.0	-1447.64	0.06	-0.86	0.0	23.03	2.47
		2.47	-62.95	-2.80e-03	0.0	100.0	-1444.08	0.06	-0.86	0.0	-62.95	8.36
1563	5	8.36	23.03	-3.82e-03	0.0	0.0	-1447.64	0.06	-0.86	0.0	23.03	2.47
		2.47	-62.95	-2.80e-03	0.0	100.0	-1444.08	0.06	-0.86	0.0	-62.95	8.36
1566	1	13.20	-174.10	-5.84e-03	0.0	0.0	-1454.69	0.10	-4.99	0.0	-174.10	3.64
		3.64	-672.94	0.12	0.0	100.0	-1450.07	0.10	-4.99	0.0	-672.94	13.20
1566	2	10.61	-140.18	-4.69e-03	0.0	0.0	-1172.82	0.08	-4.02	0.0	-140.18	2.92
		2.92	-541.79	0.10	0.0	100.0	-1169.26	0.08	-4.02	0.0	-541.79	10.61
1566	3	9.95	-131.15	-4.40e-03	0.0	0.0	-1095.08	0.07	-3.76	0.0	-131.15	2.74
		2.74	-506.94	0.09	0.0	100.0	-1091.53	0.07	-3.76	0.0	-506.94	9.95
1566	4	8.62	-113.09	-3.82e-03	0.0	0.0	-939.55	0.06	-3.24	0.0	-113.09	2.38
		2.38	-437.17	0.08	0.0	100.0	-936.00	0.06	-3.24	0.0	-437.17	8.62
1566	5	8.62	-113.09	-3.82e-03	0.0	0.0	-939.55	0.06	-3.24	0.0	-113.09	2.38
		2.38	-437.17	0.08	0.0	100.0	-936.00	0.06	-3.24	0.0	-437.17	8.62
1602	1	3.78	35.68	-2.98e-03	0.0	0.0	-2248.91	0.09	0.89	0.0	0.0	0.0
		0.0	0.0	-1.81e-03	0.0	40.0	-2247.06	0.09	0.89	0.0	35.68	3.78
1602	2	3.04	28.77	-2.39e-03	0.0	0.0	-1812.68	0.08	0.72	0.0	0.0	0.0
		0.0	0.0	-1.47e-03	0.0	40.0	-1811.25	0.08	0.72	0.0	28.77	3.04
1602	3	2.85	26.88	-2.24e-03	0.0	0.0	-1693.07	0.07	0.67	0.0	0.0	0.0
		0.0	0.0	-1.37e-03	0.0	40.0	-1691.65	0.07	0.67	0.0	26.88	2.85
1602	4	2.47	23.03	-1.95e-03	0.0	0.0	-1454.21	0.06	0.58	0.0	0.0	0.0
		0.0	0.0	-1.16e-03	0.0	40.0	-1452.79	0.06	0.58	0.0	23.03	2.47
1602	5	2.47	23.03	-1.95e-03	0.0	0.0	-1454.21	0.06	0.58	0.0	0.0	0.0
		0.0	0.0	-1.16e-03	0.0	40.0	-1452.79	0.06	0.58	0.0	23.03	2.47
1603	1	3.64	0.0	-2.98e-03	0.0	0.0	-1463.24	0.09	-4.35	0.0	0.0	0.0
		0.0	-174.10	0.08	0.0	40.0	-1461.39	0.09	-4.35	0.0	-174.10	3.64
1603	2	2.92	0.0	-2.39e-03	0.0	0.0	-1179.40	0.07	-3.50	0.0	0.0	0.0



		0.0	-140.18	0.06	0.0	40.0	-1177.97	0.07	-3.50	0.0	-140.18	2.92
1603	3	2.74	0.0	-2.24e-03	0.0	0.0	-1101.66	0.07	-3.28	0.0	0.0	0.0
		0.0	-131.15	0.06	0.0	40.0	-1100.24	0.07	-3.28	0.0	-131.15	2.74
1603	4	2.38	0.0	-1.95e-03	0.0	0.0	-946.13	0.06	-2.83	0.0	0.0	0.0
		0.0	-113.09	0.05	0.0	40.0	-944.71	0.06	-2.83	0.0	-113.09	2.38
1603	5	2.38	0.0	-1.95e-03	0.0	0.0	-946.13	0.06	-2.83	0.0	0.0	0.0
		0.0	-113.09	0.05	0.0	40.0	-944.71	0.06	-2.83	0.0	-113.09	2.38
1604	1	0.19	-166.62	1.98e-03	0.0	0.0	-2475.06	-6.04e-03	-4.82	0.0	-166.62	0.19
		-0.42	-648.14	0.04	0.0	100.0	-2470.44	-6.04e-03	-4.82	0.0	-648.14	-0.42
1604	2	0.15	-134.12	1.60e-03	0.0	0.0	-1994.61	-4.92e-03	-3.88	0.0	-134.12	0.15
		-0.34	-521.72	0.03	0.0	100.0	-1991.05	-4.92e-03	-3.88	0.0	-521.72	-0.34
1604	3	0.14	-125.53	1.49e-03	0.0	0.0	-1863.58	-4.53e-03	-3.63	0.0	-125.53	0.14
		-0.31	-488.31	0.03	0.0	100.0	-1860.02	-4.53e-03	-3.63	0.0	-488.31	-0.31
1604	4	0.13	-108.33	1.27e-03	0.0	0.0	-1601.48	-3.78e-03	-3.13	0.0	-108.33	0.13
		-0.25	-421.41	0.03	0.0	100.0	-1597.93	-3.78e-03	-3.13	0.0	-421.41	-0.25
1604	5	0.13	-108.33	1.27e-03	0.0	0.0	-1601.48	-3.78e-03	-3.13	0.0	-108.33	0.13
		-0.25	-421.41	0.03	0.0	100.0	-1597.93	-3.78e-03	-3.13	0.0	-421.41	-0.25
1612	1	0.55	-209.67	1.98e-03	0.0	0.0	-2898.23	6.99e-03	0.95	0.0	-304.76	-0.15
		-0.15	-304.76	9.70e-03	0.0	100.0	-2893.61	6.99e-03	0.95	0.0	-209.67	0.55
1612	2	0.43	-168.75	1.60e-03	0.0	0.0	-2336.60	5.59e-03	0.76	0.0	-245.21	-0.12
		-0.12	-245.21	7.80e-03	0.0	100.0	-2333.04	5.59e-03	0.76	0.0	-168.75	0.43
1612	3	0.41	-158.00	1.49e-03	0.0	0.0	-2181.83	5.28e-03	0.72	0.0	-229.65	-0.11
		-0.11	-229.65	7.31e-03	0.0	100.0	-2178.27	5.28e-03	0.72	0.0	-158.00	0.41
1612	4	0.37	-136.43	1.27e-03	0.0	0.0	-1872.23	4.62e-03	0.62	0.0	-198.47	-0.09
		-0.09	-198.47	6.32e-03	0.0	100.0	-1868.68	4.62e-03	0.62	0.0	-136.43	0.37
1612	5	0.37	-136.43	1.27e-03	0.0	0.0	-1872.23	4.62e-03	0.62	0.0	-198.47	-0.09
		-0.09	-198.47	6.32e-03	0.0	100.0	-1868.68	4.62e-03	0.62	0.0	-136.43	0.37
1613	1	10.35	46.14	-3.75e-03	0.0	0.0	-2191.48	0.07	-1.58	0.0	46.14	3.14
		3.14	-111.99	-1.95e-03	0.0	100.0	-2186.85	0.07	-1.58	0.0	-111.99	10.35
1613	2	8.31	37.18	-3.01e-03	0.0	0.0	-1766.82	0.06	-1.27	0.0	37.18	2.53
		2.53	-90.15	-1.57e-03	0.0	100.0	-1763.26	0.06	-1.27	0.0	-90.15	8.31
1613	3	7.81	34.76	-2.83e-03	0.0	0.0	-1649.69	0.05	-1.19	0.0	34.76	2.37
		2.37	-84.38	-1.46e-03	0.0	100.0	-1646.14	0.05	-1.19	0.0	-84.38	7.81
1613	4	6.81	29.84	-2.48e-03	0.0	0.0	-1415.38	0.05	-1.03	0.0	29.84	2.06
		2.06	-72.81	-1.25e-03	0.0	100.0	-1411.83	0.05	-1.03	0.0	-72.81	6.81
1613	5	6.81	29.84	-2.48e-03	0.0	0.0	-1415.38	0.05	-1.03	0.0	29.84	2.06
		2.06	-72.81	-1.25e-03	0.0	100.0	-1411.83	0.05	-1.03	0.0	-72.81	6.81
1614	1	10.94	-165.94	-3.75e-03	0.0	0.0	-1464.59	0.08	-5.18	0.0	-165.94	2.94
		2.94	-683.75	0.12	0.0	100.0	-1459.96	0.08	-5.18	0.0	-683.75	10.94
1614	2	8.78	-133.61	-3.01e-03	0.0	0.0	-1180.90	0.06	-4.17	0.0	-133.61	2.36
		2.36	-550.49	0.10	0.0	100.0	-1177.35	0.06	-4.17	0.0	-550.49	8.78
1614	3	8.25	-125.00	-2.83e-03	0.0	0.0	-1102.49	0.06	-3.90	0.0	-125.00	2.22
		2.22	-515.08	0.09	0.0	100.0	-1098.94	0.06	-3.90	0.0	-515.08	8.25
1614	4	7.18	-107.79	-2.48e-03	0.0	0.0	-945.66	0.05	-3.36	0.0	-107.79	1.93
		1.93	-444.21	0.08	0.0	100.0	-942.10	0.05	-3.36	0.0	-444.21	7.18
1614	5	7.18	-107.79	-2.48e-03	0.0	0.0	-945.66	0.05	-3.36	0.0	-107.79	1.93
		1.93	-444.21	0.08	0.0	100.0	-942.10	0.05	-3.36	0.0	-444.21	7.18
1617	1	-1.84	-174.09	6.99e-03	0.0	0.0	-1686.90	-0.06	-4.50	0.0	-174.09	-1.84
		-7.51	-624.56	0.04	0.0	100.0	-1682.27	-0.06	-4.50	0.0	-624.56	-7.51
1617	2	-1.48	-140.14	5.62e-03	0.0	0.0	-1359.66	-0.05	-3.63	0.0	-140.14	-1.48
		-6.04	-502.73	0.03	0.0	100.0	-1356.10	-0.05	-3.63	0.0	-502.73	-6.04
1617	3	-1.39	-131.16	5.27e-03	0.0	0.0	-1270.05	-0.04	-3.39	0.0	-131.16	-1.39
		-5.67	-470.54	0.03	0.0	100.0	-1266.49	-0.04	-3.39	0.0	-470.54	-5.67
1617	4	-1.20	-113.19	4.55e-03	0.0	0.0	-1090.84	-0.04	-2.93	0.0	-113.19	-1.20
		-4.92	-406.08	0.03	0.0	100.0	-1087.28	-0.04	-2.93	0.0	-406.08	-4.92
1617	5	-1.20	-113.19	4.55e-03	0.0	0.0	-1090.84	-0.04	-2.93	0.0	-113.19	-1.20
		-4.92	-406.08	0.03	0.0	100.0	-1087.28	-0.04	-2.93	0.0	-406.08	-4.92
1618	1	-2.18	-167.50	6.99e-03	0.0	0.0	-2332.31	-0.04	1.54	0.0	-321.12	-2.18
		-6.54	-321.12	9.18e-03	0.0	100.0	-2327.69	-0.04	1.54	0.0	-167.50	-6.54
1618	2	-1.75	-134.79	5.62e-03	0.0	0.0	-1879.81	-0.04	1.24	0.0	-258.39	-1.75
		-5.26	-258.39	7.38e-03	0.0	100.0	-1876.26	-0.04	1.24	0.0	-134.79	-5.26
1618	3	-1.64	-126.22	5.27e-03	0.0	0.0	-1756.04	-0.03	1.16	0.0	-241.98	-1.64
		-4.94	-241.98	6.92e-03	0.0	100.0	-1752.48	-0.03	1.16	0.0	-126.22	-4.94
1618	4	-1.43	-109.05	4.55e-03	0.0	0.0	-1508.40	-0.03	1.00	0.0	-209.10	-1.43
		-4.29	-209.10	5.98e-03	0.0	100.0	-1504.85	-0.03	1.00	0.0	-109.05	-4.29
1618	5	-1.43	-109.05	4.55e-03	0.0	0.0	-1508.40	-0.03	1.00	0.0	-209.10	-1.43
		-4.29	-209.10	5.98e-03	0.0	100.0	-1504.85	-0.03	1.00	0.0	-109.05	-4.29
1619	1	4.03	57.61	7.88e-04	0.0	0.0	-2156.98	0.03	-1.86	0.0	57.61	1.40
		1.40	-128.35	2.37e-03	0.0	100.0	-2152.36	0.03	-1.86	0.0	-128.35	4.03
1619	2	3.23	46.41	6.43e-04	0.0	0.0	-1738.55	0.02	-1.50	0.0	46.41	1.12
		1.12	-103.31	1.91e-03	0.0	100.0	-1734.99	0.02	-1.50	0.0	-103.31	3.23
1619	3	3.04	43.40	5.90e-04	0.0	0.0	-1623.99	0.02	-1.40	0.0	43.40	1.05
		1.05	-96.70	1.79e-03	0.0	100.0	-1620.43	0.02	-1.40	0.0	-96.70	3.04
1619	4	2.68	37.31	4.80e-04	0.0	0.0	-1394.75	0.02	-1.21	0.0	37.31	0.92
		0.92	-83.48	1.56e-03	0.0	100.0	-1391.20	0.02	-1.21	0.0	-83.48	2.68
1619	5	2.68	37.31	4.80e-04	0.0	0.0	-1394.75	0.02	-1.21	0.0	37.31	0.92
		0.92	-83.48	1.56e-03	0.0	100.0	-1391.20	0.02	-1.21	0.0	-83.48	2.68

1666	1	323.75	61.31	-0.02	0.0	0.0	-868.16	5.70	0.82	0.0	-3.95	-132.35
		-132.35	-3.95	-4.60e-03	0.0	80.0	-864.47	5.70	0.82	0.0	61.31	323.75
1666	2	261.32	49.58	-0.02	0.0	0.0	-701.38	4.60	0.66	0.0	-3.16	-106.81
		-106.81	-3.16	-3.70e-03	0.0	80.0	-698.54	4.60	0.66	0.0	49.58	261.32
1666	3	243.59	46.22	-0.02	0.0	0.0	-652.90	4.29	0.61	0.0	-2.85	-99.51
		-99.51	-2.85	-3.45e-03	0.0	80.0	-650.06	4.29	0.61	0.0	46.22	243.59
1666	4	208.11	39.08	-0.01	0.0	0.0	-555.97	3.66	0.52	0.0	-2.44	-84.97
		-84.97	-2.44	-2.98e-03	0.0	80.0	-553.13	3.66	0.52	0.0	39.08	208.11
1666	5	208.11	39.08	-0.01	0.0	0.0	-555.97	3.66	0.52	0.0	-2.44	-84.97
		-84.97	-2.44	-2.98e-03	0.0	80.0	-553.13	3.66	0.52	0.0	39.08	208.11
1667	1	259.07	203.24	-0.02	0.0	0.0	-1623.66	4.61	3.96	0.0	-113.74	-109.90
		-109.90	-113.74	-0.01	0.0	80.0	-1619.96	4.61	3.96	0.0	203.24	259.07
1667	2	209.17	164.66	-0.01	0.0	0.0	-1312.03	3.72	3.21	0.0	-92.19	-88.70
		-88.70	-92.19	-0.01	0.0	80.0	-1309.19	3.72	3.21	0.0	164.66	209.17
1667	3	194.92	152.67	-0.01	0.0	0.0	-1220.81	3.47	2.97	0.0	-85.21	-82.61
		-82.61	-85.21	-9.41e-03	0.0	80.0	-1217.97	3.47	2.97	0.0	152.67	194.92
1667	4	166.37	128.70	-0.01	0.0	0.0	-1038.66	2.96	2.50	0.0	-71.61	-70.49
		-70.49	-71.61	-7.97e-03	0.0	80.0	-1035.81	2.96	2.50	0.0	128.70	166.37
1667	5	166.37	128.70	-0.01	0.0	0.0	-1038.66	2.96	2.50	0.0	-71.61	-70.49
		-70.49	-71.61	-7.97e-03	0.0	80.0	-1035.81	2.96	2.50	0.0	128.70	166.37
1670	1	110.88	195.15	0.02	0.0	0.0	-1626.44	-4.78	3.75	0.0	-104.74	110.88
		-271.73	-104.74	-0.01	0.0	80.0	-1622.74	-4.78	3.75	0.0	195.15	-271.73
1670	2	89.54	158.09	0.01	0.0	0.0	-1314.27	-3.86	3.04	0.0	-84.95	89.54
		-219.35	-84.95	-0.01	0.0	80.0	-1311.43	-3.86	3.04	0.0	158.09	-219.35
1670	3	83.47	145.85	0.01	0.0	0.0	-1223.08	-3.60	2.81	0.0	-78.63	83.47
		-204.37	-78.63	-9.41e-03	0.0	80.0	-1220.24	-3.60	2.81	0.0	145.85	-204.37
1670	4	71.28	122.88	0.01	0.0	0.0	-1040.73	-3.07	2.36	0.0	-65.78	71.28
		-174.45	-65.78	-7.95e-03	0.0	80.0	-1037.89	-3.07	2.36	0.0	122.88	-174.45
1670	5	71.28	122.88	0.01	0.0	0.0	-1040.73	-3.07	2.36	0.0	-65.78	71.28
		-174.45	-65.78	-7.95e-03	0.0	80.0	-1037.89	-3.07	2.36	0.0	122.88	-174.45
1671	1	133.32	129.33	0.02	0.0	0.0	-869.80	-5.87	2.37	0.0	-59.89	133.32
		-336.29	-59.89	-0.02	0.0	80.0	-866.10	-5.87	2.37	0.0	129.33	-336.29
1671	2	107.63	104.03	0.02	0.0	0.0	-702.70	-4.74	1.90	0.0	-47.91	107.63
		-271.39	-47.91	-0.01	0.0	80.0	-699.86	-4.74	1.90	0.0	104.03	-271.39
1671	3	100.36	96.80	0.01	0.0	0.0	-654.11	-4.42	1.78	0.0	-45.32	100.36
		-252.96	-45.32	-0.01	0.0	80.0	-651.27	-4.42	1.78	0.0	96.80	-252.96
1671	4	85.76	84.10	0.01	0.0	0.0	-557.02	-3.77	1.55	0.0	-39.80	85.76
		-216.12	-39.80	-0.01	0.0	80.0	-554.17	-3.77	1.55	0.0	84.10	-216.12
1671	5	85.76	84.10	0.01	0.0	0.0	-557.02	-3.77	1.55	0.0	-39.80	85.76
		-216.12	-39.80	-0.01	0.0	80.0	-554.17	-3.77	1.55	0.0	84.10	-216.12
1672	1	245.27	40.65	-0.02	0.0	0.0	-1099.76	4.60	0.49	0.0	1.31	-122.94
		-122.94	1.31	-4.39e-03	0.0	80.0	-1096.06	4.60	0.49	0.0	40.65	245.27
1672	2	197.82	32.86	-0.02	0.0	0.0	-889.55	3.71	0.40	0.0	1.10	-99.20
		-99.20	1.10	-3.53e-03	0.0	80.0	-886.70	3.71	0.40	0.0	32.86	197.82
1672	3	184.54	30.70	-0.02	0.0	0.0	-826.63	3.46	0.37	0.0	1.10	-92.44
		-92.44	1.10	-3.29e-03	0.0	80.0	-823.78	3.46	0.37	0.0	30.70	184.54
1672	4	157.97	25.98	-0.01	0.0	0.0	-700.74	2.96	0.31	0.0	0.89	-79.00
		-79.00	0.89	-2.85e-03	0.0	80.0	-697.89	2.96	0.31	0.0	25.98	157.97
1672	5	157.97	25.98	-0.01	0.0	0.0	-700.74	2.96	0.31	0.0	0.89	-79.00
		-79.00	0.89	-2.85e-03	0.0	80.0	-697.89	2.96	0.31	0.0	25.98	157.97
1673	1	163.43	165.36	-0.02	0.0	0.0	-2044.91	3.23	3.32	0.0	-100.44	-94.82
		-94.82	-100.44	-0.01	0.0	80.0	-2041.21	3.23	3.32	0.0	165.36	163.43
1673	2	131.90	134.06	-0.01	0.0	0.0	-1654.84	2.61	2.69	0.0	-81.46	-76.55
		-76.55	-81.46	-9.47e-03	0.0	80.0	-1652.00	2.61	2.69	0.0	134.06	131.90
1673	3	122.93	124.23	-0.01	0.0	0.0	-1536.47	2.43	2.49	0.0	-75.23	-71.28
		-71.28	-75.23	-8.78e-03	0.0	80.0	-1533.62	2.43	2.49	0.0	124.23	122.93
1673	4	105.02	104.49	-0.01	0.0	0.0	-1300.07	2.07	2.09	0.0	-63.09	-60.81
		-60.81	-63.09	-7.44e-03	0.0	80.0	-1297.23	2.07	2.09	0.0	104.49	105.02
1673	5	105.02	104.49	-0.01	0.0	0.0	-1300.07	2.07	2.09	0.0	-63.09	-60.81
		-60.81	-63.09	-7.44e-03	0.0	80.0	-1297.23	2.07	2.09	0.0	104.49	105.02
1674	1	308.56	-211.34	-6.88e-03	0.0	0.0	-1336.82	-3.79	-4.09	0.0	-211.34	308.56
		-70.36	-619.96	0.12	0.0	100.0	-1332.19	-3.79	-4.09	0.0	-619.96	-70.36
1674	2	248.11	-170.15	-5.53e-03	0.0	0.0	-1075.90	-3.05	-3.29	0.0	-170.15	248.11
		-56.60	-499.15	0.09	0.0	100.0	-1072.35	-3.05	-3.29	0.0	-499.15	-56.60
1674	3	232.50	-159.21	-5.18e-03	0.0	0.0	-1007.12	-2.86	-3.08	0.0	-159.21	232.50
		-53.01	-467.02	0.09	0.0	100.0	-1003.56	-2.86	-3.08	0.0	-467.02	-53.01
1674	4	201.52	-137.31	-4.49e-03	0.0	0.0	-869.68	-2.47	-2.65	0.0	-137.31	201.52
		-45.90	-402.69	0.08	0.0	100.0	-866.13	-2.47	-2.65	0.0	-402.69	-45.90
1674	5	201.52	-137.31	-4.49e-03	0.0	0.0	-869.68	-2.47	-2.65	0.0	-137.31	201.52
		-45.90	-402.69	0.08	0.0	100.0	-866.13	-2.47	-2.65	0.0	-402.69	-45.90
1675	1	45.79	2.26	4.80e-03	0.0	0.0	-1484.01	2.92	-0.03	0.0	2.26	-246.41
		-246.41	-0.99	-0.02	0.0	100.0	-1479.39	2.92	-0.03	0.0	-0.99	45.79
1675	2	36.76	1.81	3.85e-03	0.0	0.0	-1195.06	2.35	-0.03	0.0	1.81	-197.86
		-197.86	-0.80	-0.01	0.0	100.0	-1191.50	2.35	-0.03	0.0	-0.80	36.76
1675	3	34.54	1.70	3.62e-03	0.0	0.0	-1117.82	2.20	-0.02	0.0	1.70	-185.82
		-185.82	-0.74	-0.01	0.0	100.0	-1114.27	2.20	-0.02	0.0	-0.74	34.54
1675	4	30.07	1.47	3.15e-03	0.0	0.0	-963.22	1.92	-0.02	0.0	1.47	-161.68





		-161.68	-0.61	-0.01	0.0	100.0	-959.66	1.92	-0.02	0.0	-0.61	30.07
1675	5	30.07	1.47	3.15e-03	0.0	0.0	-963.22	1.92	-0.02	0.0	1.47	-161.68
		-161.68	-0.61	-0.01	0.0	100.0	-959.66	1.92	-0.02	0.0	-0.61	30.07
1676	1	92.32	157.09	0.02	0.0	0.0	-2061.80	-3.19	3.11	0.0	-91.33	92.32
		-162.75	-91.33	-0.01	0.0	80.0	-2058.10	-3.19	3.11	0.0	157.09	-162.75
1676	2	74.56	127.35	0.01	0.0	0.0	-1668.45	-2.57	2.52	0.0	-74.12	74.56
		-131.40	-74.12	-9.43e-03	0.0	80.0	-1665.60	-2.57	2.52	0.0	127.35	-131.40
1676	3	69.50	117.19	0.01	0.0	0.0	-1549.40	-2.40	2.32	0.0	-68.51	69.50
		-122.47	-68.51	-8.78e-03	0.0	80.0	-1546.56	-2.40	2.32	0.0	117.19	-122.47
1676	4	59.29	98.41	0.01	0.0	0.0	-1311.06	-2.05	1.94	0.0	-57.10	59.29
		-104.60	-57.10	-7.41e-03	0.0	80.0	-1308.21	-2.05	1.94	0.0	98.41	-104.60
1676	5	59.29	98.41	0.01	0.0	0.0	-1311.06	-2.05	1.94	0.0	-57.10	59.29
		-104.60	-57.10	-7.41e-03	0.0	80.0	-1308.21	-2.05	1.94	0.0	98.41	-104.60
1677	1	121.10	108.99	0.02	0.0	0.0	-1102.73	-4.59	2.05	0.0	-54.91	121.10
		-245.99	-54.91	-0.02	0.0	80.0	-1099.04	-4.59	2.05	0.0	108.99	-245.99
1677	2	97.75	87.57	0.02	0.0	0.0	-891.94	-3.70	1.64	0.0	-43.88	97.75
		-198.47	-43.88	-0.01	0.0	80.0	-889.09	-3.70	1.64	0.0	87.57	-198.47
1677	3	91.16	81.53	0.02	0.0	0.0	-828.82	-3.45	1.54	0.0	-41.59	91.16
		-185.13	-41.59	-0.01	0.0	80.0	-825.97	-3.45	1.54	0.0	81.53	-185.13
1677	4	77.91	71.23	0.01	0.0	0.0	-702.64	-2.95	1.35	0.0	-36.67	77.91
		-158.43	-36.67	-0.01	0.0	80.0	-699.79	-2.95	1.35	0.0	71.23	-158.43
1677	5	77.91	71.23	0.01	0.0	0.0	-702.64	-2.95	1.35	0.0	-36.67	77.91
		-158.43	-36.67	-0.01	0.0	80.0	-699.79	-2.95	1.35	0.0	71.23	-158.43
1678	1	280.83	10.02	-0.02	0.0	0.0	-1229.40	5.27	0.01	0.0	9.03	-140.79
		-140.79	9.03	-4.19e-03	0.0	80.0	-1225.70	5.27	0.01	0.0	10.02	280.83
1678	2	226.65	8.11	-0.02	0.0	0.0	-994.62	4.25	9.74e-03	0.0	7.33	-113.67
		-113.67	7.33	-3.37e-03	0.0	80.0	-991.77	4.25	9.74e-03	0.0	8.11	226.65
1678	3	211.47	7.70	-0.02	0.0	0.0	-924.06	3.97	0.01	0.0	6.88	-106.03
		-106.03	6.88	-3.14e-03	0.0	80.0	-921.21	3.97	0.01	0.0	7.70	211.47
1678	4	180.63	6.49	-0.01	0.0	0.0	-782.69	3.39	9.06e-03	0.0	5.77	-90.47
		-90.47	5.77	-2.73e-03	0.0	80.0	-779.84	3.39	9.06e-03	0.0	6.49	180.63
1678	5	180.63	6.49	-0.01	0.0	0.0	-782.69	3.39	9.06e-03	0.0	5.77	-90.47
		-90.47	5.77	-2.73e-03	0.0	80.0	-779.84	3.39	9.06e-03	0.0	6.49	180.63
1679	1	189.30	104.60	-0.02	0.0	0.0	-2190.70	3.73	2.22	0.0	-73.25	-109.24
		-109.24	-73.25	-0.01	0.0	80.0	-2187.00	3.73	2.22	0.0	104.60	189.30
1679	2	152.86	84.96	-0.01	0.0	0.0	-1773.69	3.01	1.81	0.0	-59.49	-88.24
		-88.24	-59.49	-8.17e-03	0.0	80.0	-1770.84	3.01	1.81	0.0	84.96	152.86
1679	3	142.49	78.59	-0.01	0.0	0.0	-1645.89	2.81	1.67	0.0	-54.83	-82.25
		-82.25	-54.83	-7.58e-03	0.0	80.0	-1643.04	2.81	1.67	0.0	78.59	142.49
1679	4	121.43	65.63	-0.01	0.0	0.0	-1390.15	2.39	1.39	0.0	-45.70	-70.06
		-70.06	-45.70	-6.41e-03	0.0	80.0	-1387.30	2.39	1.39	0.0	65.63	121.43
1679	5	121.43	65.63	-0.01	0.0	0.0	-1390.15	2.39	1.39	0.0	-45.70	-70.06
		-70.06	-45.70	-6.41e-03	0.0	80.0	-1387.30	2.39	1.39	0.0	65.63	121.43
1682	1	106.10	93.53	0.02	0.0	0.0	-2182.53	-3.68	1.95	0.0	-62.69	106.10
		-188.33	-62.69	-9.92e-03	0.0	80.0	-2178.83	-3.68	1.95	0.0	93.53	-188.33
1682	2	85.75	76.01	0.01	0.0	0.0	-1766.93	-2.97	1.59	0.0	-51.00	85.75
		-152.16	-51.00	-8.03e-03	0.0	80.0	-1764.08	-2.97	1.59	0.0	76.01	-152.16
1682	3	79.70	69.35	0.01	0.0	0.0	-1639.49	-2.77	1.45	0.0	-46.94	79.70
		-141.56	-46.94	-7.47e-03	0.0	80.0	-1636.65	-2.77	1.45	0.0	69.35	-141.56
1682	4	67.87	57.71	0.01	0.0	0.0	-1383.77	-2.36	1.21	0.0	-38.71	67.87
		-120.75	-38.71	-6.29e-03	0.0	80.0	-1380.92	-2.36	1.21	0.0	57.71	-120.75
1682	5	67.87	57.71	0.01	0.0	0.0	-1383.77	-2.36	1.21	0.0	-38.71	67.87
		-120.75	-38.71	-6.29e-03	0.0	80.0	-1380.92	-2.36	1.21	0.0	57.71	-120.75
1683	1	137.79	77.55	0.02	0.0	0.0	-1222.46	-5.25	1.56	0.0	-47.25	137.79
		-281.85	-47.25	-0.02	0.0	80.0	-1218.77	-5.25	1.56	0.0	77.55	-281.85
1683	2	111.28	62.16	0.02	0.0	0.0	-989.02	-4.24	1.25	0.0	-37.68	111.28
		-227.53	-37.68	-0.01	0.0	80.0	-986.18	-4.24	1.25	0.0	62.16	-227.53
1683	3	103.52	57.90	0.02	0.0	0.0	-918.62	-3.94	1.17	0.0	-35.83	103.52
		-211.87	-35.83	-0.01	0.0	80.0	-915.78	-3.94	1.17	0.0	57.90	-211.87
1683	4	88.35	51.23	0.01	0.0	0.0	-778.11	-3.37	1.04	0.0	-31.82	88.35
		-181.19	-31.82	-0.01	0.0	80.0	-775.26	-3.37	1.04	0.0	51.23	-181.19
1683	5	88.35	51.23	0.01	0.0	0.0	-778.11	-3.37	1.04	0.0	-31.82	88.35
		-181.19	-31.82	-0.01	0.0	80.0	-775.26	-3.37	1.04	0.0	51.23	-181.19
1684	1	426.96	14.20	-0.03	0.0	0.0	-1285.09	7.51	-0.29	0.0	14.20	-173.59
		-173.59	-9.26	-4.00e-03	0.0	80.0	-1281.39	7.51	-0.29	0.0	-9.26	426.96
1684	2	345.08	11.51	-0.02	0.0	0.0	-1039.57	6.07	-0.24	0.0	11.51	-140.27
		-140.27	-7.47	-3.21e-03	0.0	80.0	-1036.73	6.07	-0.24	0.0	-7.47	345.08
1684	3	321.04	10.75	-0.02	0.0	0.0	-965.87	5.64	-0.22	0.0	10.75	-130.46
		-130.46	-6.76	-3.00e-03	0.0	80.0	-963.03	5.64	-0.22	0.0	-6.76	321.04
1684	4	272.79	9.03	-0.02	0.0	0.0	-818.43	4.80	-0.18	0.0	9.03	-110.92
		-110.92	-5.74	-2.61e-03	0.0	80.0	-815.59	4.80	-0.18	0.0	-5.74	272.79
1684	5	272.79	9.03	-0.02	0.0	0.0	-818.43	4.80	-0.18	0.0	9.03	-110.92
		-110.92	-5.74	-2.61e-03	0.0	80.0	-815.59	4.80	-0.18	0.0	-5.74	272.79
1685	1	359.45	58.23	-0.02	0.0	0.0	-2265.19	6.37	1.35	0.0	-49.73	-150.25
		-150.25	-49.73	-8.55e-03	0.0	80.0	-2261.49	6.37	1.35	0.0	58.23	359.45
1685	2	290.61	47.36	-0.02	0.0	0.0	-1832.71	5.15	1.10	0.0	-40.42	-121.43
		-121.43	-40.42	-6.92e-03	0.0	80.0	-1829.86	5.15	1.10	0.0	47.36	290.61

1685	3	270.24	43.72	-0.02	0.0	0.0	-1702.28	4.79	1.01	0.0	-37.15	-112.90
		-112.90	-37.15	-6.42e-03	0.0	80.0	-1699.43	4.79	1.01	0.0	43.72	270.24
1685	4	229.30	36.13	-0.01	0.0	0.0	-1441.61	4.06	0.84	0.0	-30.76	-95.89
		-95.89	-30.76	-5.43e-03	0.0	80.0	-1438.77	4.06	0.84	0.0	36.13	229.30
1685	5	229.30	36.13	-0.01	0.0	0.0	-1441.61	4.06	0.84	0.0	-30.76	-95.89
		-95.89	-30.76	-5.43e-03	0.0	80.0	-1438.77	4.06	0.84	0.0	36.13	229.30
1688	1	144.65	44.34	0.02	0.0	0.0	-2266.73	-6.28	1.02	0.0	-37.18	144.65
		-357.75	-37.18	-8.23e-03	0.0	80.0	-2263.03	-6.28	1.02	0.0	44.34	-357.75
1688	2	117.00	36.26	0.02	0.0	0.0	-1833.91	-5.08	0.83	0.0	-30.38	117.00
		-289.24	-30.38	-6.66e-03	0.0	80.0	-1831.07	-5.08	0.83	0.0	36.26	-289.24
1688	3	108.82	32.38	0.02	0.0	0.0	-1703.57	-4.72	0.75	0.0	-27.79	108.82
		-268.97	-27.79	-6.20e-03	0.0	80.0	-1700.72	-4.72	0.75	0.0	32.38	-268.97
1688	4	92.40	26.52	0.01	0.0	0.0	-1442.18	-4.01	0.61	0.0	-22.55	92.40
		-228.60	-22.55	-5.22e-03	0.0	80.0	-1439.33	-4.01	0.61	0.0	26.52	-228.60
1688	5	92.40	26.52	0.01	0.0	0.0	-1442.18	-4.01	0.61	0.0	-22.55	92.40
		-228.60	-22.55	-5.22e-03	0.0	80.0	-1439.33	-4.01	0.61	0.0	26.52	-228.60
1689	1	168.94	57.53	0.03	0.0	0.0	-1291.64	-7.49	1.25	0.0	-42.47	168.94
		-430.36	-42.47	-0.02	0.0	80.0	-1287.95	-7.49	1.25	0.0	57.53	-430.36
1689	2	136.58	45.99	0.02	0.0	0.0	-1044.84	-6.05	1.00	0.0	-33.83	136.58
		-347.80	-33.83	-0.01	0.0	80.0	-1041.99	-6.05	1.00	0.0	45.99	-347.80
1689	3	127.09	42.88	0.02	0.0	0.0	-970.76	-5.63	0.94	0.0	-32.26	127.09
		-323.59	-32.26	-0.01	0.0	80.0	-967.92	-5.63	0.94	0.0	42.88	-323.59
1689	4	108.04	38.53	0.02	0.0	0.0	-822.60	-4.79	0.84	0.0	-28.83	108.04
		-275.35	-28.83	-0.01	0.0	80.0	-819.76	-4.79	0.84	0.0	38.53	-275.35
1689	5	108.04	38.53	0.02	0.0	0.0	-822.60	-4.79	0.84	0.0	-28.83	108.04
		-275.35	-28.83	-0.01	0.0	80.0	-819.76	-4.79	0.84	0.0	38.53	-275.35
1690	1	441.82	16.34	-0.03	0.0	0.0	-1307.31	7.78	-0.38	0.0	16.34	-180.26
		-180.26	-14.11	-3.76e-03	0.0	80.0	-1303.61	7.78	-0.38	0.0	-14.11	441.82
1690	2	357.20	13.23	-0.02	0.0	0.0	-1057.57	6.29	-0.31	0.0	13.23	-145.70
		-145.70	-11.38	-3.03e-03	0.0	80.0	-1054.73	6.29	-0.31	0.0	-11.38	357.20
1690	3	332.24	12.34	-0.02	0.0	0.0	-982.51	5.85	-0.28	0.0	12.34	-135.51
		-135.51	-10.37	-2.83e-03	0.0	80.0	-979.66	5.85	-0.28	0.0	-10.37	332.24
1690	4	282.19	10.35	-0.02	0.0	0.0	-832.36	4.97	-0.24	0.0	10.35	-115.16
		-115.16	-8.74	-2.47e-03	0.0	80.0	-829.52	4.97	-0.24	0.0	-8.74	282.19
1690	5	282.19	10.35	-0.02	0.0	0.0	-832.36	4.97	-0.24	0.0	10.35	-115.16
		-115.16	-8.74	-2.47e-03	0.0	80.0	-829.52	4.97	-0.24	0.0	-8.74	282.19
1691	1	369.32	32.31	-0.02	0.0	0.0	-2323.00	6.56	0.80	0.0	-31.80	-155.51
		-155.51	-31.80	-7.09e-03	0.0	80.0	-2319.30	6.56	0.80	0.0	32.31	369.32
1691	2	298.61	26.25	-0.02	0.0	0.0	-1879.44	5.30	0.65	0.0	-25.84	-125.70
		-125.70	-25.84	-5.73e-03	0.0	80.0	-1876.60	5.30	0.65	0.0	26.25	298.61
1691	3	277.61	24.24	-0.02	0.0	0.0	-1745.51	4.93	0.60	0.0	-23.66	-116.86
		-116.86	-23.66	-5.32e-03	0.0	80.0	-1742.67	4.93	0.60	0.0	24.24	277.61
1691	4	235.50	19.86	-0.01	0.0	0.0	-1477.79	4.18	0.49	0.0	-19.44	-99.22
		-99.22	-19.44	-4.50e-03	0.0	80.0	-1474.95	4.18	0.49	0.0	19.86	235.50
1691	5	235.50	19.86	-0.01	0.0	0.0	-1477.79	4.18	0.49	0.0	-19.44	-99.22
		-99.22	-19.44	-4.50e-03	0.0	80.0	-1474.95	4.18	0.49	0.0	19.86	235.50
1694	1	147.95	16.06	0.02	0.0	0.0	-2331.89	-6.44	0.42	0.0	-17.49	147.95
		-367.64	-17.49	-6.65e-03	0.0	80.0	-2328.19	-6.44	0.42	0.0	16.06	-367.64
1694	2	119.69	13.32	0.02	0.0	0.0	-1886.75	-5.21	0.35	0.0	-14.43	119.69
		-297.34	-14.43	-5.39e-03	0.0	80.0	-1883.91	-5.21	0.35	0.0	13.32	-297.34
1694	3	111.30	11.15	0.02	0.0	0.0	-1752.49	-4.85	0.30	0.0	-13.01	111.30
		-276.51	-13.01	-5.02e-03	0.0	80.0	-1749.64	-4.85	0.30	0.0	11.15	-276.51
1694	4	94.47	8.73	0.01	0.0	0.0	-1483.54	-4.12	0.24	0.0	-10.07	94.47
		-234.89	-10.07	-4.22e-03	0.0	80.0	-1480.70	-4.12	0.24	0.0	8.73	-234.89
1694	5	94.47	8.73	0.01	0.0	0.0	-1483.54	-4.12	0.24	0.0	-10.07	94.47
		-234.89	-10.07	-4.22e-03	0.0	80.0	-1480.70	-4.12	0.24	0.0	8.73	-234.89
1695	1	173.28	52.22	0.03	0.0	0.0	-1313.48	-7.70	1.16	0.0	-40.93	173.28
		-443.07	-40.93	-0.02	0.0	80.0	-1309.78	-7.70	1.16	0.0	52.22	-443.07
1695	2	140.14	41.72	0.02	0.0	0.0	-1062.53	-6.23	0.93	0.0	-32.59	140.14
		-358.25	-32.59	-0.01	0.0	80.0	-1059.69	-6.23	0.93	0.0	41.72	-358.25
1695	3	130.37	38.93	0.02	0.0	0.0	-987.14	-5.80	0.88	0.0	-31.12	130.37
		-333.30	-31.12	-0.01	0.0	80.0	-984.29	-5.80	0.88	0.0	38.93	-333.30
1695	4	110.77	35.26	0.02	0.0	0.0	-836.31	-4.93	0.79	0.0	-27.92	110.77
		-283.44	-27.92	-0.01	0.0	80.0	-833.46	-4.93	0.79	0.0	35.26	-283.44
1695	5	110.77	35.26	0.02	0.0	0.0	-836.31	-4.93	0.79	0.0	-27.92	110.77
		-283.44	-27.92	-0.01	0.0	80.0	-833.46	-4.93	0.79	0.0	35.26	-283.44
1696	1	306.02	17.29	-0.02	0.0	0.0	-1325.14	5.77	-0.37	0.0	17.29	-155.44
		-155.44	-12.13	-3.45e-03	0.0	80.0	-1321.44	5.77	-0.37	0.0	-12.13	306.02
1696	2	247.00	14.02	-0.02	0.0	0.0	-1072.17	4.66	-0.30	0.0	14.02	-125.55
		-125.55	-9.80	-2.77e-03	0.0	80.0	-1069.32	4.66	-0.30	0.0	-9.80	247.00
1696	3	230.01	13.07	-0.02	0.0	0.0	-995.86	4.34	-0.27	0.0	13.07	-116.89
		-116.89	-8.91	-2.59e-03	0.0	80.0	-993.02	4.34	-0.27	0.0	-8.91	230.01
1696	4	196.12	10.96	-0.02	0.0	0.0	-843.21	3.70	-0.23	0.0	10.96	-99.57
		-99.57	-7.51	-2.27e-03	0.0	80.0	-840.36	3.70	-0.23	0.0	-7.51	196.12
1696	5	196.12	10.96	-0.02	0.0	0.0	-843.21	3.70	-0.23	0.0	10.96	-99.57
		-99.57	-7.51	-2.27e-03	0.0	80.0	-840.36	3.70	-0.23	0.0	-7.51	196.12
1697	1	205.51	15.77	-0.02	0.0	0.0	-2437.38	4.08	0.40	0.0	-16.08	-121.21





		-121.21	-16.08	-5.72e-03	0.0	80.0	-2433.68	4.08	0.40	0.0	15.77	205.51
1697	2	165.91	12.77	-0.02	0.0	0.0	-1973.32	3.30	0.32	0.0	-13.04	-97.93
		-97.93	-13.04	-4.61e-03	0.0	80.0	-1970.48	3.30	0.32	0.0	12.77	165.91
1697	3	154.39	11.74	-0.01	0.0	0.0	-1831.43	3.07	0.29	0.0	-11.80	-91.14
		-91.14	-11.80	-4.28e-03	0.0	80.0	-1828.59	3.07	0.29	0.0	11.74	154.39
1697	4	131.40	9.32	-0.01	0.0	0.0	-1547.54	2.61	0.23	0.0	-9.45	-77.54
		-77.54	-9.45	-3.63e-03	0.0	80.0	-1544.70	2.61	0.23	0.0	9.32	131.40
1697	5	131.40	9.32	-0.01	0.0	0.0	-1547.54	2.61	0.23	0.0	-9.45	-77.54
		-77.54	-9.45	-3.63e-03	0.0	80.0	-1544.70	2.61	0.23	0.0	9.32	131.40
1700	1	113.31	0.18	0.02	0.0	0.0	-2448.85	-3.96	-0.04	0.0	0.18	113.31
		-203.39	-3.38	-5.17e-03	0.0	80.0	-2445.16	-3.96	-0.04	0.0	-3.38	-203.39
1700	2	91.56	-0.11	0.02	0.0	0.0	-1982.34	-3.20	-0.03	0.0	-0.11	91.56
		-164.36	-2.41	-4.19e-03	0.0	80.0	-1979.49	-3.20	-0.03	0.0	-2.41	-164.36
1700	3	85.16	0.25	0.01	0.0	0.0	-1840.20	-2.98	-0.05	0.0	0.25	85.16
		-152.97	-3.47	-3.91e-03	0.0	80.0	-1837.36	-2.98	-0.05	0.0	-3.47	-152.97
1700	4	72.37	1.20	0.01	0.0	0.0	-1556.09	-2.53	-0.06	0.0	1.20	72.37
		-130.23	-3.67	-3.28e-03	0.0	80.0	-1553.24	-2.53	-0.06	0.0	-3.67	-130.23
1700	5	72.37	1.20	0.01	0.0	0.0	-1556.09	-2.53	-0.06	0.0	1.20	72.37
		-130.23	-3.67	-3.28e-03	0.0	80.0	-1553.24	-2.53	-0.06	0.0	-3.67	-130.23
1701	1	147.80	53.19	0.03	0.0	0.0	-1331.60	-5.65	1.17	0.0	-40.55	147.80
		-303.86	-40.55	-0.02	0.0	80.0	-1327.90	-5.65	1.17	0.0	53.19	-303.86
1701	2	119.39	42.50	0.02	0.0	0.0	-1077.39	-4.56	0.93	0.0	-32.27	119.39
		-245.43	-32.27	-0.01	0.0	80.0	-1074.54	-4.56	0.93	0.0	42.50	-245.43
1701	3	111.11	39.63	0.02	0.0	0.0	-1000.75	-4.25	0.88	0.0	-30.83	111.11
		-228.60	-30.83	-0.01	0.0	80.0	-997.91	-4.25	0.88	0.0	39.63	-228.60
1701	4	94.61	35.88	0.02	0.0	0.0	-847.41	-3.62	0.80	0.0	-27.72	94.61
		-195.00	-27.72	-9.99e-03	0.0	80.0	-844.57	-3.62	0.80	0.0	35.88	-195.00
1701	5	94.61	35.88	0.02	0.0	0.0	-847.41	-3.62	0.80	0.0	-27.72	94.61
		-195.00	-27.72	-9.99e-03	0.0	80.0	-844.57	-3.62	0.80	0.0	35.88	-195.00
1702	1	316.59	17.11	-0.03	0.0	0.0	-1329.80	5.96	-0.27	0.0	17.11	-160.55
		-160.55	-4.70	-3.13e-03	0.0	80.0	-1326.10	5.96	-0.27	0.0	-4.70	316.59
1702	2	255.62	13.89	-0.02	0.0	0.0	-1076.07	4.82	-0.22	0.0	13.89	-129.69
		-129.69	-3.80	-2.50e-03	0.0	80.0	-1073.23	4.82	-0.22	0.0	-3.80	255.62
1702	3	238.12	12.95	-0.02	0.0	0.0	-999.34	4.49	-0.20	0.0	12.95	-120.76
		-120.76	-3.37	-2.35e-03	0.0	80.0	-996.49	4.49	-0.20	0.0	-3.37	238.12
1702	4	203.00	10.85	-0.02	0.0	0.0	-845.86	3.82	-0.17	0.0	10.85	-102.88
		-102.88	-2.89	-2.07e-03	0.0	80.0	-843.01	3.82	-0.17	0.0	-2.89	203.00
1702	5	203.00	10.85	-0.02	0.0	0.0	-845.86	3.82	-0.17	0.0	10.85	-102.88
		-102.88	-2.89	-2.07e-03	0.0	80.0	-843.01	3.82	-0.17	0.0	-2.89	203.00
1703	1	211.65	5.28	-0.02	0.0	0.0	-2361.95	4.20	0.10	0.0	-3.08	-124.16
		-124.16	-3.08	-4.54e-03	0.0	80.0	-2358.26	4.20	0.10	0.0	5.28	211.65
1703	2	170.97	4.38	-0.02	0.0	0.0	-1912.27	3.39	0.09	0.0	-2.57	-100.32
		-100.32	-2.57	-3.66e-03	0.0	80.0	-1909.43	3.39	0.09	0.0	4.38	170.97
1703	3	159.15	3.84	-0.01	0.0	0.0	-1774.60	3.16	0.07	0.0	-2.06	-93.37
		-93.37	-2.06	-3.40e-03	0.0	80.0	-1771.75	3.16	0.07	0.0	3.84	159.15
1703	4	135.47	2.40	-0.01	0.0	0.0	-1499.50	2.69	0.04	0.0	-1.17	-79.47
		-79.47	-1.17	-2.89e-03	0.0	80.0	-1496.66	2.69	0.04	0.0	2.40	135.47
1703	5	135.47	2.40	-0.01	0.0	0.0	-1499.50	2.69	0.04	0.0	-1.17	-79.47
		-79.47	-1.17	-2.89e-03	0.0	80.0	-1496.66	2.69	0.04	0.0	2.40	135.47
1706	1	120.08	16.72	0.02	0.0	0.0	-2332.55	-4.16	-0.47	0.0	16.72	120.08
		-212.78	-20.68	-3.82e-03	0.0	80.0	-2328.85	-4.16	-0.47	0.0	-20.68	-212.78
1706	2	97.06	13.25	0.02	0.0	0.0	-1888.62	-3.36	-0.37	0.0	13.25	97.06
		-171.97	-16.31	-3.09e-03	0.0	80.0	-1885.77	-3.36	-0.37	0.0	-16.31	-171.97
1706	3	90.29	12.63	0.02	0.0	0.0	-1751.76	-3.13	-0.36	0.0	12.63	90.29
		-160.04	-16.46	-2.90e-03	0.0	80.0	-1748.91	-3.13	-0.36	0.0	-16.46	-160.04
1706	4	76.74	11.66	0.01	0.0	0.0	-1479.29	-2.66	-0.33	0.0	11.66	76.74
		-136.17	-14.94	-2.43e-03	0.0	80.0	-1476.45	-2.66	-0.33	0.0	-14.94	-136.17
1706	5	76.74	11.66	0.01	0.0	0.0	-1479.29	-2.66	-0.33	0.0	11.66	76.74
		-136.17	-14.94	-2.43e-03	0.0	80.0	-1476.45	-2.66	-0.33	0.0	-14.94	-136.17
1707	1	158.50	57.59	0.03	0.0	0.0	-1359.41	-6.02	1.23	0.0	-41.01	158.50
		-323.10	-41.01	-0.01	0.0	80.0	-1355.71	-6.02	1.23	0.0	57.59	-323.10
1707	2	128.05	46.08	0.02	0.0	0.0	-1099.71	-4.86	0.98	0.0	-32.63	128.05
		-260.94	-32.63	-0.01	0.0	80.0	-1096.87	-4.86	0.98	0.0	46.08	-260.94
1707	3	119.23	42.89	0.02	0.0	0.0	-1021.72	-4.53	0.93	0.0	-31.15	119.23
		-243.11	-31.15	-0.01	0.0	80.0	-1018.88	-4.53	0.93	0.0	42.89	-243.11
1707	4	101.59	38.51	0.02	0.0	0.0	-865.79	-3.86	0.83	0.0	-28.00	101.59
		-207.50	-28.00	-9.86e-03	0.0	80.0	-862.95	-3.86	0.83	0.0	38.51	-207.50
1707	5	101.59	38.51	0.02	0.0	0.0	-865.79	-3.86	0.83	0.0	-28.00	101.59
		-207.50	-28.00	-9.86e-03	0.0	80.0	-862.95	-3.86	0.83	0.0	38.51	-207.50
1708	1	460.18	15.00	-0.03	0.0	0.0	-1323.18	8.08	-0.04	0.0	15.00	-185.85
		-185.85	11.82	-2.78e-03	0.0	80.0	-1319.48	8.08	-0.04	0.0	11.82	460.18
1708	2	371.81	12.20	-0.02	0.0	0.0	-1070.38	6.52	-0.03	0.0	12.20	-150.17
		-150.17	9.55	-2.22e-03	0.0	80.0	-1067.53	6.52	-0.03	0.0	9.55	371.81
1708	3	345.91	11.38	-0.02	0.0	0.0	-994.49	6.07	-0.03	0.0	11.38	-139.70
		-139.70	9.01	-2.09e-03	0.0	80.0	-991.64	6.07	-0.03	0.0	9.01	345.91
1708	4	294.12	9.50	-0.02	0.0	0.0	-842.71	5.16	-0.02	0.0	9.50	-118.80
		-118.80	7.60	-1.86e-03	0.0	80.0	-839.86	5.16	-0.02	0.0	7.60	294.12

1708	5	294.12	9.50	-0.02	0.0	0.0	-842.71	5.16	-0.02	0.0	9.50	-118.80
		-118.80	7.60	-1.86e-03	0.0	80.0	-839.86	5.16	-0.02	0.0	7.60	294.12
1709	1	387.11	10.11	-0.02	0.0	0.0	-2353.63	6.85	0.06	0.0	5.26	-160.52
		-160.52	5.26	-3.51e-03	0.0	80.0	-2349.93	6.85	0.06	0.0	10.11	387.11
1709	2	312.88	8.41	-0.02	0.0	0.0	-1904.25	5.53	0.05	0.0	4.15	-129.74
		-129.74	4.15	-2.83e-03	0.0	80.0	-1901.41	5.53	0.05	0.0	8.41	312.88
1709	3	290.94	7.56	-0.02	0.0	0.0	-1768.78	5.14	0.04	0.0	4.14	-120.64
		-120.64	4.14	-2.63e-03	0.0	80.0	-1765.93	5.14	0.04	0.0	7.56	290.94
1709	4	247.05	5.48	-0.01	0.0	0.0	-1497.84	4.37	0.02	0.0	3.99	-102.48
		-102.48	3.99	-2.25e-03	0.0	80.0	-1494.99	4.37	0.02	0.0	5.48	247.05
1709	5	247.05	5.48	-0.01	0.0	0.0	-1497.84	4.37	0.02	0.0	3.99	-102.48
		-102.48	3.99	-2.25e-03	0.0	80.0	-1494.99	4.37	0.02	0.0	5.48	247.05
1710	1	0.0	0.0	0.05	0.0	0.0	-3309.15	-16.19	-8.32	0.0	0.0	0.0
		-647.44	-332.81	0.03	0.0	40.0	-3307.30	-16.19	-8.32	0.0	-332.81	-647.44
1710	2	0.0	0.0	0.04	0.0	0.0	-2662.79	-13.03	-6.69	0.0	0.0	0.0
		-521.06	-267.80	0.02	0.0	40.0	-2661.36	-13.03	-6.69	0.0	-267.80	-521.06
1710	3	0.0	0.0	0.03	0.0	0.0	-2493.41	-12.20	-6.27	0.0	0.0	0.0
		-487.81	-250.78	0.02	0.0	40.0	-2491.99	-12.20	-6.27	0.0	-250.78	-487.81
1710	4	0.0	0.0	0.03	0.0	0.0	-2154.58	-10.53	-5.42	0.0	0.0	0.0
		-421.19	-216.69	0.02	0.0	40.0	-2153.16	-10.53	-5.42	0.0	-216.69	-421.19
1710	5	0.0	0.0	0.03	0.0	0.0	-2154.58	-10.53	-5.42	0.0	0.0	0.0
		-421.19	-216.69	0.02	0.0	40.0	-2153.16	-10.53	-5.42	0.0	-216.69	-421.19
1711	1	486.29	87.54	-0.03	0.0	0.0	-3519.27	12.16	2.19	0.0	0.0	0.0
		0.0	0.0	2.67e-04	0.0	40.0	-3517.42	12.16	2.19	0.0	87.54	486.29
1711	2	391.47	70.50	-0.03	0.0	0.0	-2832.07	9.79	1.76	0.0	0.0	0.0
		0.0	0.0	2.09e-04	0.0	40.0	-2830.65	9.79	1.76	0.0	70.50	391.47
1711	3	366.29	65.95	-0.02	0.0	0.0	-2651.65	9.16	1.65	0.0	0.0	0.0
		0.0	0.0	2.02e-04	0.0	40.0	-2650.22	9.16	1.65	0.0	65.95	366.29
1711	4	316.19	56.79	-0.02	0.0	0.0	-2290.78	7.90	1.42	0.0	0.0	0.0
		0.0	0.0	1.94e-04	0.0	40.0	-2289.36	7.90	1.42	0.0	56.79	316.19
1711	5	316.19	56.79	-0.02	0.0	0.0	-2290.78	7.90	1.42	0.0	0.0	0.0
		0.0	0.0	1.94e-04	0.0	40.0	-2289.36	7.90	1.42	0.0	56.79	316.19
1712	1	149.28	25.85	0.02	0.0	0.0	-2347.60	-6.40	-0.61	0.0	25.85	149.28
		-363.11	-23.26	-2.86e-03	0.0	80.0	-2343.90	-6.40	-0.61	0.0	-23.26	-363.11
1712	2	120.74	20.65	0.02	0.0	0.0	-1899.55	-5.18	-0.49	0.0	20.65	120.74
		-293.68	-18.36	-2.31e-03	0.0	80.0	-1896.70	-5.18	-0.49	0.0	-18.36	-293.68
1712	3	112.25	19.54	0.02	0.0	0.0	-1764.13	-4.82	-0.48	0.0	19.54	112.25
		-273.07	-18.46	-2.17e-03	0.0	80.0	-1761.29	-4.82	-0.48	0.0	-18.46	-273.07
1712	4	95.27	17.35	0.01	0.0	0.0	-1493.18	-4.09	-0.42	0.0	17.35	95.27
		-231.88	-16.56	-1.83e-03	0.0	80.0	-1490.33	-4.09	-0.42	0.0	-16.56	-231.88
1712	5	95.27	17.35	0.01	0.0	0.0	-1493.18	-4.09	-0.42	0.0	17.35	95.27
		-231.88	-16.56	-1.83e-03	0.0	80.0	-1490.33	-4.09	-0.42	0.0	-16.56	-231.88
1713	1	175.92	67.58	0.03	0.0	0.0	-1307.71	-7.73	1.38	0.0	-42.91	175.92
		-442.18	-42.91	-0.01	0.0	80.0	-1304.01	-7.73	1.38	0.0	67.58	-442.18
1713	2	142.23	54.18	0.02	0.0	0.0	-1057.91	-6.25	1.10	0.0	-34.15	142.23
		-357.46	-34.15	-0.01	0.0	80.0	-1055.06	-6.25	1.10	0.0	54.18	-357.46
1713	3	132.28	50.35	0.02	0.0	0.0	-982.79	-5.81	1.04	0.0	-32.57	132.28
		-332.52	-32.57	-0.01	0.0	80.0	-979.95	-5.81	1.04	0.0	50.35	-332.52
1713	4	112.42	44.73	0.02	0.0	0.0	-832.61	-4.94	0.92	0.0	-29.21	112.42
		-282.81	-29.21	-9.74e-03	0.0	80.0	-829.76	-4.94	0.92	0.0	44.73	-282.81
1713	5	112.42	44.73	0.02	0.0	0.0	-832.61	-4.94	0.92	0.0	-29.21	112.42
		-282.81	-29.21	-9.74e-03	0.0	80.0	-829.76	-4.94	0.92	0.0	44.73	-282.81
1714	1	466.24	35.64	-0.03	0.0	0.0	-1351.51	8.12	0.30	0.0	11.34	-183.51
		-183.51	11.34	-2.49e-03	0.0	80.0	-1347.81	8.12	0.30	0.0	35.64	466.24
1714	2	376.80	28.80	-0.02	0.0	0.0	-1093.24	6.56	0.24	0.0	9.25	-148.32
		-148.32	9.25	-1.99e-03	0.0	80.0	-1090.39	6.56	0.24	0.0	28.80	376.80
1714	3	350.46	26.90	-0.02	0.0	0.0	-1015.79	6.11	0.23	0.0	8.63	-137.95
		-137.95	8.63	-1.87e-03	0.0	80.0	-1012.95	6.11	0.23	0.0	26.90	350.46
1714	4	298.01	22.82	-0.02	0.0	0.0	-860.90	5.19	0.20	0.0	7.14	-117.26
		-117.26	7.14	-1.66e-03	0.0	80.0	-858.05	5.19	0.20	0.0	22.82	298.01
1714	5	298.01	22.82	-0.02	0.0	0.0	-860.90	5.19	0.20	0.0	7.14	-117.26
		-117.26	7.14	-1.66e-03	0.0	80.0	-858.05	5.19	0.20	0.0	22.82	298.01
1715	1	390.81	29.40	-0.02	0.0	0.0	-2378.33	6.86	0.25	0.0	9.07	-157.77
		-157.77	9.07	-2.62e-03	0.0	80.0	-2374.63	6.86	0.25	0.0	29.40	390.81
1715	2	315.96	23.99	-0.02	0.0	0.0	-1924.27	5.54	0.21	0.0	7.25	-127.55
		-127.55	7.25	-2.11e-03	0.0	80.0	-1921.43	5.54	0.21	0.0	23.99	315.96
1715	3	293.73	22.17	-0.02	0.0	0.0	-1787.34	5.15	0.19	0.0	6.93	-118.58
		-118.58	6.93	-1.97e-03	0.0	80.0	-1784.49	5.15	0.19	0.0	22.17	293.73
1715	4	249.42	18.13	-0.01	0.0	0.0	-1513.51	4.38	0.15	0.0	6.13	-100.68
		-100.68	6.13	-1.70e-03	0.0	80.0	-1510.67	4.38	0.15	0.0	18.13	249.42
1715	5	249.42	18.13	-0.01	0.0	0.0	-1513.51	4.38	0.15	0.0	6.13	-100.68
		-100.68	6.13	-1.70e-03	0.0	80.0	-1510.67	4.38	0.15	0.0	18.13	249.42
1718	1	150.70	27.81	0.02	0.0	0.0	-2355.27	-6.37	-0.45	0.0	27.81	150.70
		-358.68	-7.97	-2.29e-03	0.0	80.0	-2351.57	-6.37	-0.45	0.0	-7.97	-358.68
1718	2	121.86	22.30	0.02	0.0	0.0	-1905.76	-5.15	-0.35	0.0	22.30	121.86
		-290.02	-6.05	-1.85e-03	0.0	80.0	-1902.92	-5.15	-0.35	0.0	-6.05	-290.02
1718	3	113.32	21.11	0.02	0.0	0.0	-1770.16	-4.79	-0.35	0.0	21.11	113.32





1718	4	-269.74	-7.14	-1.73e-03	0.0	80.0	-1767.31	-4.79	-0.35	0.0	-7.14	-269.74
		96.20	18.49	0.01	0.0	0.0	-1498.54	-4.06	-0.31	0.0	18.49	96.20
1718	5	-228.97	-6.69	-1.47e-03	0.0	80.0	-1495.69	-4.06	-0.31	0.0	-6.69	-228.97
		96.20	18.49	0.01	0.0	0.0	-1498.54	-4.06	-0.31	0.0	18.49	96.20
1719	1	-228.97	-6.69	-1.47e-03	0.0	80.0	-1495.69	-4.06	-0.31	0.0	-6.69	-228.97
		175.95	82.32	0.03	0.0	0.0	-1300.82	-7.63	1.60	0.0	-46.05	175.95
1719	2	-434.25	-46.05	-0.01	0.0	80.0	-1297.12	-7.63	1.60	0.0	82.32	-434.25
		142.23	66.09	0.02	0.0	0.0	-1052.38	-6.17	1.28	0.0	-36.67	142.23
1719	3	-351.01	-36.67	-0.01	0.0	80.0	-1049.54	-6.17	1.28	0.0	66.09	-351.01
		132.32	61.40	0.02	0.0	0.0	-977.63	-5.74	1.20	0.0	-34.92	132.32
1719	4	-326.61	-34.92	-0.01	0.0	80.0	-974.78	-5.74	1.20	0.0	61.40	-326.61
		112.45	54.11	0.02	0.0	0.0	-828.12	-4.88	1.07	0.0	-31.26	112.45
1719	5	-277.61	-31.26	-9.65e-03	0.0	80.0	-825.27	-4.88	1.07	0.0	54.11	-277.61
		112.45	54.11	0.02	0.0	0.0	-828.12	-4.88	1.07	0.0	-31.26	112.45
1720	1	-277.61	-31.26	-9.65e-03	0.0	80.0	-825.27	-4.88	1.07	0.0	54.11	-277.61
		313.61	55.72	-0.02	0.0	0.0	-1421.14	5.77	0.59	0.0	8.65	-148.16
1720	2	-148.16	8.65	-2.39e-03	0.0	80.0	-1417.44	5.77	0.59	0.0	55.72	313.61
		253.31	45.07	-0.02	0.0	0.0	-1149.60	4.66	0.48	0.0	7.07	-119.71
1720	3	-119.71	7.07	-1.91e-03	0.0	80.0	-1146.76	4.66	0.48	0.0	45.07	253.31
		235.95	42.00	-0.02	0.0	0.0	-1068.12	4.34	0.44	0.0	6.60	-111.49
1720	4	-111.49	6.60	-1.80e-03	0.0	80.0	-1065.28	4.34	0.44	0.0	42.00	235.95
		200.83	35.57	-0.01	0.0	0.0	-905.16	3.70	0.38	0.0	5.43	-94.86
1720	5	-94.86	5.43	-1.58e-03	0.0	80.0	-902.32	3.70	0.38	0.0	35.57	200.83
		200.83	35.57	-0.01	0.0	0.0	-905.16	3.70	0.38	0.0	5.43	-94.86
1721	1	-94.86	5.43	-1.58e-03	0.0	80.0	-902.32	3.70	0.38	0.0	35.57	200.83
		210.44	42.74	-0.02	0.0	0.0	-2488.40	4.05	0.35	0.0	14.91	-113.17
1721	2	-113.17	14.91	-2.03e-03	0.0	80.0	-2484.70	4.05	0.35	0.0	42.74	210.44
		170.07	34.78	-0.01	0.0	0.0	-2014.33	3.27	0.28	0.0	12.00	-91.48
1721	3	-91.48	12.00	-1.63e-03	0.0	80.0	-2011.49	3.27	0.28	0.0	34.78	170.07
		158.29	32.26	-0.01	0.0	0.0	-1869.72	3.04	0.26	0.0	11.26	-85.15
1721	4	-85.15	11.26	-1.53e-03	0.0	80.0	-1866.87	3.04	0.26	0.0	32.26	158.29
		134.36	26.74	-0.01	0.0	0.0	-1580.75	2.58	0.21	0.0	9.67	-72.32
1721	5	-72.32	9.67	-1.32e-03	0.0	80.0	-1577.91	2.58	0.21	0.0	26.74	134.36
		134.36	26.74	-0.01	0.0	0.0	-1580.75	2.58	0.21	0.0	9.67	-72.32
1722	1	-72.32	9.67	-1.32e-03	0.0	80.0	-1577.91	2.58	0.21	0.0	26.74	134.36
		0.0	1.78	1.35e-03	0.0	0.0	-1537.55	-0.03	0.04	0.0	0.0	0.0
1722	2	-1.35	0.0	-7.04e-03	0.0	40.0	-1535.70	-0.03	0.04	0.0	1.78	-1.35
		0.0	1.43	1.08e-03	0.0	0.0	-1239.14	-0.03	0.04	0.0	0.0	0.0
1722	3	-1.08	0.0	-5.67e-03	0.0	40.0	-1237.72	-0.03	0.04	0.0	1.43	-1.08
		0.0	1.34	1.02e-03	0.0	0.0	-1157.67	-0.03	0.03	0.0	0.0	0.0
1722	4	-1.02	0.0	-5.30e-03	0.0	40.0	-1156.24	-0.03	0.03	0.0	1.34	-1.02
		0.0	1.17	8.88e-04	0.0	0.0	-994.69	-0.02	0.03	0.0	0.0	0.0
1722	5	-0.89	0.0	-4.58e-03	0.0	40.0	-993.27	-0.02	0.03	0.0	1.17	-0.89
		0.0	1.17	8.88e-04	0.0	0.0	-994.69	-0.02	0.03	0.0	0.0	0.0
1723	1	-0.89	0.0	-4.58e-03	0.0	40.0	-993.27	-0.02	0.03	0.0	1.17	-0.89
		2.04	27.53	-2.53e-03	0.0	0.0	-2098.22	0.05	0.69	0.0	0.0	0.0
1723	2	0.0	0.0	-6.30e-03	0.0	40.0	-2096.38	0.05	0.69	0.0	27.53	2.04
		1.64	22.22	-2.03e-03	0.0	0.0	-1690.83	0.04	0.56	0.0	0.0	0.0
1723	3	0.0	0.0	-5.08e-03	0.0	40.0	-1689.41	0.04	0.56	0.0	22.22	1.64
		1.54	20.74	-1.90e-03	0.0	0.0	-1579.93	0.04	0.52	0.0	0.0	0.0
1723	4	0.0	0.0	-4.75e-03	0.0	40.0	-1578.51	0.04	0.52	0.0	20.74	1.54
		1.34	17.69	-1.65e-03	0.0	0.0	-1357.99	0.03	0.44	0.0	0.0	0.0
1723	5	0.0	0.0	-4.08e-03	0.0	40.0	-1356.57	0.03	0.44	0.0	17.69	1.34
		1.34	17.69	-1.65e-03	0.0	0.0	-1357.99	0.03	0.44	0.0	0.0	0.0
1724	1	0.0	0.0	-4.08e-03	0.0	40.0	-1356.57	0.03	0.44	0.0	17.69	1.34
		122.16	29.44	0.02	0.0	0.0	-2448.99	-4.07	-0.29	0.0	29.44	122.16
1724	2	-203.39	6.10	-1.86e-03	0.0	80.0	-2445.29	-4.07	-0.29	0.0	6.10	-203.39
		98.72	23.66	0.02	0.0	0.0	-1982.49	-3.29	-0.23	0.0	23.66	98.72
1724	3	-164.34	5.32	-1.50e-03	0.0	80.0	-1979.65	-3.29	-0.23	0.0	5.32	-164.34
		91.80	22.40	0.02	0.0	0.0	-1839.95	-3.06	-0.24	0.0	22.40	91.80
1724	4	-152.83	3.29	-1.41e-03	0.0	80.0	-1837.10	-3.06	-0.24	0.0	3.29	-152.83
		78.08	19.42	0.01	0.0	0.0	-1554.87	-2.60	-0.21	0.0	19.42	78.08
1724	5	-130.22	2.29	-1.21e-03	0.0	80.0	-1552.03	-2.60	-0.21	0.0	2.29	-130.22
		78.08	19.42	0.01	0.0	0.0	-1554.87	-2.60	-0.21	0.0	19.42	78.08
1725	1	-130.22	2.29	-1.21e-03	0.0	80.0	-1552.03	-2.60	-0.21	0.0	2.29	-130.22
		155.26	96.74	0.03	0.0	0.0	-1311.41	-5.70	1.83	0.0	-49.34	155.26
1725	2	-300.64	-49.34	-0.01	0.0	80.0	-1307.72	-5.70	1.83	0.0	96.74	-300.64
		125.42	77.75	0.02	0.0	0.0	-1061.08	-4.60	1.46	0.0	-39.31	125.42
1725	3	-242.80	-39.31	-0.01	0.0	80.0	-1058.23	-4.60	1.46	0.0	77.75	-242.80
		116.71	72.20	0.02	0.0	0.0	-985.50	-4.28	1.37	0.0	-37.38	116.71
1725	4	-226.02	-37.38	-0.01	0.0	80.0	-982.66	-4.28	1.37	0.0	72.20	-226.02
		99.40	63.26	0.02	0.0	0.0	-834.40	-3.65	1.21	0.0	-33.41	99.40
1725	5	-192.86	-33.41	-9.59e-03	0.0	80.0	-831.56	-3.65	1.21	0.0	63.26	-192.86
		99.40	63.26	0.02	0.0	0.0	-834.40	-3.65	1.21	0.0	-33.41	99.40
1726	1	-192.86	-33.41	-9.59e-03	0.0	80.0	-831.56	-3.65	1.21	0.0	63.26	-192.86
		309.29	60.93	-0.02	0.0	0.0	-1382.46	5.60	0.65	0.0	9.13	-138.49
1726		-138.49	9.13	-2.18e-03	0.0	80.0	-1378.76	5.60	0.65	0.0	60.93	309.29

1726	2	249.85	49.34	-0.02	0.0	0.0	-1118.39	4.52	0.52	0.0	7.43	-111.94
		-111.94	7.43	-1.74e-03	0.0	80.0	-1115.55	4.52	0.52	0.0	49.34	249.85
1726	3	232.58	45.89	-0.02	0.0	0.0	-1038.98	4.21	0.49	0.0	6.95	-104.08
		-104.08	6.95	-1.64e-03	0.0	80.0	-1036.14	4.21	0.49	0.0	45.89	232.58
1726	4	197.98	38.68	-0.01	0.0	0.0	-880.19	3.58	0.41	0.0	5.78	-88.47
		-88.47	5.78	-1.45e-03	0.0	80.0	-877.34	3.58	0.41	0.0	38.68	197.98
1726	5	197.98	38.68	-0.01	0.0	0.0	-880.19	3.58	0.41	0.0	5.78	-88.47
		-88.47	5.78	-1.45e-03	0.0	80.0	-877.34	3.58	0.41	0.0	38.68	197.98
1727	1	205.50	38.61	-0.02	0.0	0.0	-2391.99	3.86	0.15	0.0	26.41	-103.29
		-103.29	26.41	-1.40e-03	0.0	80.0	-2388.29	3.86	0.15	0.0	38.61	205.50
1727	2	166.11	31.50	-0.01	0.0	0.0	-1936.71	3.12	0.13	0.0	21.30	-83.53
		-83.53	21.30	-1.13e-03	0.0	80.0	-1933.86	3.12	0.13	0.0	31.50	166.11
1727	3	154.50	29.18	-0.01	0.0	0.0	-1797.05	2.90	0.12	0.0	19.88	-77.60
		-77.60	19.88	-1.06e-03	0.0	80.0	-1794.20	2.90	0.12	0.0	29.18	154.50
1727	4	131.18	23.98	-0.01	0.0	0.0	-1517.63	2.46	0.09	0.0	16.93	-65.82
		-65.82	16.93	-9.18e-04	0.0	80.0	-1514.78	2.46	0.09	0.0	23.98	131.18
1727	5	131.18	23.98	-0.01	0.0	0.0	-1517.63	2.46	0.09	0.0	16.93	-65.82
		-65.82	16.93	-9.18e-04	0.0	80.0	-1514.78	2.46	0.09	0.0	23.98	131.18
1730	1	133.21	34.65	0.02	0.0	0.0	-2334.71	-4.31	-0.35	0.0	34.65	133.21
		-211.54	6.48	-1.46e-03	0.0	80.0	-2331.01	-4.31	-0.35	0.0	6.48	-211.54
1730	2	107.62	27.90	0.02	0.0	0.0	-1890.53	-3.48	-0.28	0.0	27.90	107.62
		-170.90	5.69	-1.18e-03	0.0	80.0	-1887.69	-3.48	-0.28	0.0	5.69	-170.90
1730	3	100.25	26.35	0.02	0.0	0.0	-1754.06	-3.24	-0.29	0.0	26.35	100.25
		-159.07	3.51	-1.09e-03	0.0	80.0	-1751.21	-3.24	-0.29	0.0	3.51	-159.07
1730	4	85.35	22.70	0.01	0.0	0.0	-1480.88	-2.76	-0.25	0.0	22.70	85.35
		-135.56	2.31	-9.41e-04	0.0	80.0	-1478.03	-2.76	-0.25	0.0	2.31	-135.56
1730	5	85.35	22.70	0.01	0.0	0.0	-1480.88	-2.76	-0.25	0.0	22.70	85.35
		-135.56	2.31	-9.41e-04	0.0	80.0	-1478.03	-2.76	-0.25	0.0	2.31	-135.56
1731	1	169.42	109.59	0.03	0.0	0.0	-1283.97	-6.09	2.03	0.0	-52.60	169.42
		-318.16	-52.60	-0.01	0.0	80.0	-1280.28	-6.09	2.03	0.0	109.59	-318.16
1731	2	136.83	88.13	0.02	0.0	0.0	-1039.05	-4.92	1.63	0.0	-41.92	136.83
		-256.91	-41.92	-0.01	0.0	80.0	-1036.20	-4.92	1.63	0.0	88.13	-256.91
1731	3	127.52	81.79	0.02	0.0	0.0	-964.90	-4.59	1.52	0.0	-39.81	127.52
		-239.37	-39.81	-0.01	0.0	80.0	-962.05	-4.59	1.52	0.0	81.79	-239.37
1731	4	108.71	71.38	0.02	0.0	0.0	-816.43	-3.91	1.34	0.0	-35.54	108.71
		-204.33	-35.54	-9.57e-03	0.0	80.0	-813.59	-3.91	1.34	0.0	71.38	-204.33
1731	5	108.71	71.38	0.02	0.0	0.0	-816.43	-3.91	1.34	0.0	-35.54	108.71
		-204.33	-35.54	-9.57e-03	0.0	80.0	-813.59	-3.91	1.34	0.0	71.38	-204.33
1732	1	399.00	42.95	-0.02	0.0	0.0	-1079.12	6.77	0.36	0.0	14.51	-142.52
		-142.52	14.51	-1.71e-03	0.0	80.0	-1075.42	6.77	0.36	0.0	42.95	399.00
1732	2	322.75	34.91	-0.02	0.0	0.0	-873.89	5.48	0.29	0.0	11.76	-115.34
		-115.34	11.76	-1.37e-03	0.0	80.0	-871.05	5.48	0.29	0.0	34.91	322.75
1732	3	299.87	32.35	-0.02	0.0	0.0	-810.60	5.09	0.27	0.0	11.00	-107.08
		-107.08	11.00	-1.29e-03	0.0	80.0	-807.76	5.09	0.27	0.0	32.35	299.87
1732	4	254.09	26.90	-0.01	0.0	0.0	-684.05	4.31	0.22	0.0	9.28	-90.59
		-90.59	9.28	-1.14e-03	0.0	80.0	-681.20	4.31	0.22	0.0	26.90	254.09
1732	5	254.09	26.90	-0.01	0.0	0.0	-684.05	4.31	0.22	0.0	9.28	-90.59
		-90.59	9.28	-1.14e-03	0.0	80.0	-681.20	4.31	0.22	0.0	26.90	254.09
1733	1	313.07	41.70	-0.02	0.0	0.0	-2045.56	5.34	-0.27	0.0	41.70	-113.96
		-113.96	19.72	-7.70e-04	0.0	80.0	-2041.86	5.34	-0.27	0.0	19.72	313.07
1733	2	253.38	33.67	-0.01	0.0	0.0	-1656.26	4.32	-0.22	0.0	33.67	-92.28
		-92.28	16.26	-6.21e-04	0.0	80.0	-1653.41	4.32	-0.22	0.0	16.26	253.38
1733	3	235.23	31.35	-0.01	0.0	0.0	-1536.73	4.01	-0.20	0.0	31.35	-85.60
		-85.60	15.01	-5.85e-04	0.0	80.0	-1533.89	4.01	-0.20	0.0	15.01	235.23
1733	4	198.87	26.63	-0.01	0.0	0.0	-1297.53	3.39	-0.18	0.0	26.63	-72.25
		-72.25	11.87	-5.06e-04	0.0	80.0	-1294.69	3.39	-0.18	0.0	11.87	198.87
1733	5	198.87	26.63	-0.01	0.0	0.0	-1297.53	3.39	-0.18	0.0	26.63	-72.25
		-72.25	11.87	-5.06e-04	0.0	80.0	-1294.69	3.39	-0.18	0.0	11.87	198.87
1736	1	189.58	37.74	0.03	0.0	0.0	-2318.78	-7.68	-0.36	0.0	37.74	189.58
		-424.92	9.10	-1.28e-03	0.0	80.0	-2315.08	-7.68	-0.36	0.0	9.10	-424.92
1736	2	153.21	30.46	0.02	0.0	0.0	-1876.60	-6.21	-0.28	0.0	30.46	153.21
		-343.48	7.77	-1.03e-03	0.0	80.0	-1873.76	-6.21	-0.28	0.0	7.77	-343.48
1736	3	142.57	28.67	0.02	0.0	0.0	-1742.40	-5.78	-0.29	0.0	28.67	142.57
		-319.51	5.44	-9.48e-04	0.0	80.0	-1739.56	-5.78	-0.29	0.0	5.44	-319.51
1736	4	121.27	24.50	0.02	0.0	0.0	-1473.92	-4.91	-0.26	0.0	24.50	121.27
		-271.64	4.05	-8.26e-04	0.0	80.0	-1471.07	-4.91	-0.26	0.0	4.05	-271.64
1736	5	121.27	24.50	0.02	0.0	0.0	-1473.92	-4.91	-0.26	0.0	24.50	121.27
		-271.64	4.05	-8.26e-04	0.0	80.0	-1471.07	-4.91	-0.26	0.0	4.05	-271.64
1737	1	214.88	129.24	0.03	0.0	0.0	-1292.94	-8.93	2.34	0.0	-57.86	214.88
		-499.23	-57.86	-0.01	0.0	80.0	-1289.24	-8.93	2.34	0.0	129.24	-499.23
1737	2	173.63	103.97	0.03	0.0	0.0	-1046.11	-7.21	1.88	0.0	-46.13	173.63
		-403.46	-46.13	-0.01	0.0	80.0	-1043.27	-7.21	1.88	0.0	103.97	-403.46
1737	3	161.61	96.52	0.02	0.0	0.0	-971.66	-6.71	1.75	0.0	-43.74	161.61
		-375.44	-43.74	-0.01	0.0	80.0	-968.81	-6.71	1.75	0.0	96.52	-375.44
1737	4	137.55	84.04	0.02	0.0	0.0	-822.76	-5.71	1.54	0.0	-39.00	137.55
		-319.44	-39.00	-9.59e-03	0.0	80.0	-819.92	-5.71	1.54	0.0	84.04	-319.44
1737	5	137.55	84.04	0.02	0.0	0.0	-822.76	-5.71	1.54	0.0	-39.00	137.55





1738	1	-319.44	-39.00	-9.59e-03	0.0	80.0	-819.92	-5.71	1.54	0.0	84.04	-319.44
		402.86	21.63	-0.02	0.0	0.0	-1179.59	6.84	-0.04	0.0	21.63	-144.17
		-144.17	18.29	-1.19e-03	0.0	80.0	-1175.89	6.84	-0.04	0.0	18.29	402.86
1738	2	325.88	17.49	-0.02	0.0	0.0	-955.02	5.53	-0.03	0.0	17.49	-116.69
		-116.69	15.06	-9.49e-04	0.0	80.0	-952.18	5.53	-0.03	0.0	15.06	325.88
1738	3	302.70	16.35	-0.02	0.0	0.0	-886.20	5.14	-0.03	0.0	16.35	-108.31
		-108.31	13.79	-8.95e-04	0.0	80.0	-883.35	5.14	-0.03	0.0	13.79	302.70
1738	4	256.39	13.87	-0.01	0.0	0.0	-748.57	4.35	-0.04	0.0	13.87	-91.59
		-91.59	10.93	-8.03e-04	0.0	80.0	-745.73	4.35	-0.04	0.0	10.93	256.39
1738	5	256.39	13.87	-0.01	0.0	0.0	-748.57	4.35	-0.04	0.0	13.87	-91.59
		-91.59	10.93	-8.03e-04	0.0	80.0	-745.73	4.35	-0.04	0.0	10.93	256.39
1739	1	325.61	53.72	-0.02	0.0	0.0	-2258.74	5.55	-0.66	0.0	53.72	-118.21
		-118.21	0.60	1.43e-03	0.0	80.0	-2255.04	5.55	-0.66	0.0	0.60	325.61
1739	2	263.51	43.43	-0.01	0.0	0.0	-1828.24	4.49	-0.53	0.0	43.43	-95.73
		-95.73	0.74	1.17e-03	0.0	80.0	-1825.39	4.49	-0.53	0.0	0.74	263.51
1739	3	244.59	40.34	-0.01	0.0	0.0	-1697.18	4.17	-0.50	0.0	40.34	-88.78
		-88.78	0.71	1.06e-03	0.0	80.0	-1694.34	4.17	-0.50	0.0	0.71	244.59
1739	4	206.80	34.17	-0.01	0.0	0.0	-1435.00	3.52	-0.43	0.0	34.17	-74.93
		-74.93	-0.09	8.37e-04	0.0	80.0	-1432.15	3.52	-0.43	0.0	-0.09	206.80
1739	5	206.80	34.17	-0.01	0.0	0.0	-1435.00	3.52	-0.43	0.0	34.17	-74.93
		-74.93	-0.09	8.37e-04	0.0	80.0	-1432.15	3.52	-0.43	0.0	-0.09	206.80
1742	1	190.35	36.54	0.03	0.0	0.0	-2345.75	-7.77	-0.19	0.0	36.54	190.35
		-431.60	21.17	-1.34e-03	0.0	80.0	-2342.05	-7.77	-0.19	0.0	21.17	-431.60
1742	2	153.84	29.59	0.02	0.0	0.0	-1898.47	-6.28	-0.15	0.0	29.59	153.84
		-348.92	17.35	-1.07e-03	0.0	80.0	-1895.62	-6.28	-0.15	0.0	17.35	-348.92
1742	3	143.16	27.75	0.02	0.0	0.0	-1762.72	-5.85	-0.17	0.0	27.75	143.16
		-324.58	14.53	-9.89e-04	0.0	80.0	-1759.87	-5.85	-0.17	0.0	14.53	-324.58
1742	4	121.74	23.39	0.02	0.0	0.0	-1491.12	-4.97	-0.14	0.0	23.39	121.74
		-275.85	12.36	-8.80e-04	0.0	80.0	-1488.27	-4.97	-0.14	0.0	12.36	-275.85
1742	5	121.74	23.39	0.02	0.0	0.0	-1491.12	-4.97	-0.14	0.0	23.39	121.74
		-275.85	12.36	-8.80e-04	0.0	80.0	-1488.27	-4.97	-0.14	0.0	12.36	-275.85
1743	1	214.70	161.55	0.03	0.0	0.0	-1283.55	-8.98	2.86	0.0	-66.99	214.70
		-503.74	-66.99	-0.01	0.0	80.0	-1279.85	-8.98	2.86	0.0	161.55	-503.74
1743	2	173.49	129.96	0.03	0.0	0.0	-1038.47	-7.26	2.29	0.0	-53.45	173.49
		-407.15	-53.45	-0.01	0.0	80.0	-1035.62	-7.26	2.29	0.0	129.96	-407.15
1743	3	161.48	120.82	0.02	0.0	0.0	-964.60	-6.75	2.14	0.0	-50.60	161.48
		-378.86	-50.60	-0.01	0.0	80.0	-961.75	-6.75	2.14	0.0	120.82	-378.86
1743	4	137.40	105.08	0.02	0.0	0.0	-816.88	-5.75	1.88	0.0	-45.02	137.40
		-322.21	-45.02	-9.72e-03	0.0	80.0	-814.03	-5.75	1.88	0.0	105.08	-322.21
1743	5	137.40	105.08	0.02	0.0	0.0	-816.88	-5.75	1.88	0.0	-45.02	137.40
		-322.21	-45.02	-9.72e-03	0.0	80.0	-814.03	-5.75	1.88	0.0	105.08	-322.21
1744	1	429.66	24.34	-0.02	0.0	0.0	-1468.56	7.44	-0.13	0.0	24.34	-165.22
		-165.22	13.83	-9.44e-04	0.0	80.0	-1464.86	7.44	-0.13	0.0	13.83	429.66
1744	2	347.29	19.68	-0.02	0.0	0.0	-1187.47	6.01	-0.10	0.0	19.68	-133.60
		-133.60	11.46	-7.53e-04	0.0	80.0	-1184.63	6.01	-0.10	0.0	11.46	347.29
1744	3	323.01	18.38	-0.02	0.0	0.0	-1104.00	5.59	-0.10	0.0	18.38	-124.19
		-124.19	10.45	-7.13e-04	0.0	80.0	-1101.15	5.59	-0.10	0.0	10.45	323.01
1744	4	274.28	15.59	-0.02	0.0	0.0	-936.98	4.75	-0.09	0.0	15.59	-105.41
		-105.41	8.16	-6.43e-04	0.0	80.0	-934.14	4.75	-0.09	0.0	8.16	274.28
1744	5	274.28	15.59	-0.02	0.0	0.0	-936.98	4.75	-0.09	0.0	15.59	-105.41
		-105.41	8.16	-6.43e-04	0.0	80.0	-934.14	4.75	-0.09	0.0	8.16	274.28
1745	1	354.26	58.19	-0.02	0.0	0.0	-2439.11	6.18	-0.77	0.0	58.19	-139.83
		-139.83	-3.79	1.83e-03	0.0	80.0	-2435.41	6.18	-0.77	0.0	-3.79	354.26
1745	2	286.45	47.10	-0.02	0.0	0.0	-1973.19	4.99	-0.63	0.0	47.10	-113.11
		-113.11	-2.95	1.50e-03	0.0	80.0	-1970.35	4.99	-0.63	0.0	-2.95	286.45
1745	3	266.25	43.63	-0.02	0.0	0.0	-1832.89	4.64	-0.58	0.0	43.63	-105.08
		-105.08	-2.46	1.35e-03	0.0	80.0	-1830.05	4.64	-0.58	0.0	-2.46	266.25
1745	4	225.70	36.80	-0.01	0.0	0.0	-1552.60	3.93	-0.49	0.0	36.80	-89.06
		-89.06	-2.39	1.08e-03	0.0	80.0	-1549.76	3.93	-0.49	0.0	-2.39	225.70
1745	5	225.70	36.80	-0.01	0.0	0.0	-1552.60	3.93	-0.49	0.0	36.80	-89.06
		-89.06	-2.39	1.08e-03	0.0	80.0	-1549.76	3.93	-0.49	0.0	-2.39	225.70
1748	1	171.26	34.27	0.03	0.0	0.0	-2377.54	-7.20	8.64e-03	0.0	33.58	171.26
		-404.59	33.58	-1.50e-03	0.0	80.0	-2373.84	-7.20	8.64e-03	0.0	34.27	-404.59
1748	2	138.40	27.72	0.02	0.0	0.0	-1923.76	-5.82	5.52e-03	0.0	27.28	138.40
		-327.03	27.28	-1.20e-03	0.0	80.0	-1920.92	-5.82	5.52e-03	0.0	27.72	-327.03
1748	3	128.79	25.51	0.02	0.0	0.0	-1786.79	-5.41	-0.01	0.0	25.51	128.79
		-304.20	24.40	-1.11e-03	0.0	80.0	-1783.94	-5.41	-0.01	0.0	24.40	-304.20
1748	4	109.54	21.44	0.02	0.0	0.0	-1512.69	-4.60	3.04e-03	0.0	21.20	109.54
		-258.74	21.20	-1.00e-03	0.0	80.0	-1509.85	-4.60	3.04e-03	0.0	21.44	-258.74
1748	5	109.54	21.44	0.02	0.0	0.0	-1512.69	-4.60	3.04e-03	0.0	21.20	109.54
		-258.74	21.20	-1.00e-03	0.0	80.0	-1509.85	-4.60	3.04e-03	0.0	21.44	-258.74
1749	1	196.76	199.57	0.03	0.0	0.0	-1305.50	-8.47	3.47	0.0	-78.01	196.76
		-480.78	-78.01	-0.01	0.0	80.0	-1301.80	-8.47	3.47	0.0	199.57	-480.78
1749	2	158.97	160.50	0.02	0.0	0.0	-1056.06	-6.84	2.78	0.0	-62.29	158.97
		-388.50	-62.29	-0.01	0.0	80.0	-1053.21	-6.84	2.78	0.0	160.50	-388.50
1749	3	147.97	149.45	0.02	0.0	0.0	-981.20	-6.37	2.60	0.0	-58.90	147.97
		-361.53	-58.90	-0.01	0.0	80.0	-978.36	-6.37	2.60	0.0	149.45	-361.53

1749	4	125.96	129.97	0.02	0.0	0.0	-831.49	-5.42	2.28	0.0	-52.29	125.96
		-307.82	-52.29	-9.90e-03	0.0	80.0	-828.65	-5.42	2.28	0.0	129.97	-307.82
1749	5	125.96	129.97	0.02	0.0	0.0	-831.49	-5.42	2.28	0.0	-52.29	125.96
		-307.82	-52.29	-9.90e-03	0.0	80.0	-828.65	-5.42	2.28	0.0	129.97	-307.82
1751	1	33.36	6.56	0.01	0.0	0.0	-1123.01	-0.78	-7.12e-03	0.0	6.56	33.36
		-35.41	5.94	-9.36e-03	0.0	88.0	-1118.94	-0.78	-7.12e-03	0.0	5.94	-35.41
1751	2	26.97	5.26	9.46e-03	0.0	0.0	-907.44	-0.63	-5.31e-03	0.0	5.26	26.97
		-28.54	4.80	-7.55e-03	0.0	88.0	-904.31	-0.63	-5.31e-03	0.0	4.80	-28.54
1751	3	25.03	4.88	8.82e-03	0.0	0.0	-844.52	-0.59	-4.81e-03	0.0	4.88	25.03
		-26.66	4.46	-7.06e-03	0.0	88.0	-841.39	-0.59	-4.81e-03	0.0	4.46	-26.66
1751	4	21.21	4.25	7.55e-03	0.0	0.0	-718.63	-0.50	-5.36e-03	0.0	4.25	21.21
		-22.88	3.78	-6.05e-03	0.0	88.0	-715.50	-0.50	-5.36e-03	0.0	3.78	-22.88
1751	5	21.21	4.25	7.55e-03	0.0	0.0	-718.63	-0.50	-5.36e-03	0.0	4.25	21.21
		-22.88	3.78	-6.05e-03	0.0	88.0	-715.50	-0.50	-5.36e-03	0.0	3.78	-22.88
1756	1	271.71	26.06	-0.02	0.0	0.0	-1169.65	5.18	-0.09	0.0	26.06	-142.91
		-142.91	19.12	-7.51e-04	0.0	80.0	-1165.95	5.18	-0.09	0.0	19.12	271.71
1756	2	219.21	21.10	-0.02	0.0	0.0	-945.82	4.18	-0.07	0.0	21.10	-115.34
		-115.34	15.56	-5.98e-04	0.0	80.0	-942.97	4.18	-0.07	0.0	15.56	219.21
1756	3	204.38	19.64	-0.02	0.0	0.0	-879.25	3.90	-0.06	0.0	19.64	-107.44
		-107.44	14.54	-5.70e-04	0.0	80.0	-876.41	3.90	-0.06	0.0	14.54	204.38
1756	4	174.82	16.53	-0.01	0.0	0.0	-746.15	3.33	-0.05	0.0	16.53	-91.81
		-91.81	12.24	-5.20e-04	0.0	80.0	-743.31	3.33	-0.05	0.0	12.24	174.82
1756	5	174.82	16.53	-0.01	0.0	0.0	-746.15	3.33	-0.05	0.0	16.53	-91.81
		-91.81	12.24	-5.20e-04	0.0	80.0	-743.31	3.33	-0.05	0.0	12.24	174.82
1757	1	179.24	62.89	-0.02	0.0	0.0	-2001.09	3.63	-1.09	0.0	62.89	-111.42
		-111.42	-24.18	1.74e-03	0.0	80.0	-1997.39	3.63	-1.09	0.0	-24.18	179.24
1757	2	144.68	51.01	-0.01	0.0	0.0	-1619.57	2.93	-0.88	0.0	51.01	-89.96
		-89.96	-19.67	1.44e-03	0.0	80.0	-1616.72	2.93	-0.88	0.0	-19.67	144.68
1757	3	134.81	47.14	-0.01	0.0	0.0	-1503.74	2.73	-0.81	0.0	47.14	-83.75
		-83.75	-17.67	1.29e-03	0.0	80.0	-1500.89	2.73	-0.81	0.0	-17.67	134.81
1757	4	115.14	39.51	-0.01	0.0	0.0	-1272.19	2.33	-0.68	0.0	39.51	-71.49
		-71.49	-14.68	1.01e-03	0.0	80.0	-1269.35	2.33	-0.68	0.0	-14.68	115.14
1757	5	115.14	39.51	-0.01	0.0	0.0	-1272.19	2.33	-0.68	0.0	39.51	-71.49
		-71.49	-14.68	1.01e-03	0.0	80.0	-1269.35	2.33	-0.68	0.0	-14.68	115.14
1758	1	28.27	51.61	9.50e-03	0.0	0.0	-1711.83	-0.62	0.53	0.0	5.02	28.27
		-25.89	5.02	-9.69e-03	0.0	88.0	-1707.76	-0.62	0.53	0.0	51.61	-25.89
1758	2	22.87	41.76	7.66e-03	0.0	0.0	-1384.66	-0.50	0.43	0.0	4.04	22.87
		-20.87	4.04	-7.80e-03	0.0	88.0	-1381.53	-0.50	0.43	0.0	41.76	-20.87
1758	3	21.20	38.73	7.14e-03	0.0	0.0	-1286.67	-0.46	0.40	0.0	3.75	21.20
		-19.49	3.75	-7.31e-03	0.0	88.0	-1283.55	-0.46	0.40	0.0	38.73	-19.49
1758	4	17.93	32.76	6.11e-03	0.0	0.0	-1090.64	-0.39	0.34	0.0	3.21	17.93
		-16.72	3.21	-6.31e-03	0.0	88.0	-1087.51	-0.39	0.34	0.0	32.76	-16.72
1758	5	17.93	32.76	6.11e-03	0.0	0.0	-1090.64	-0.39	0.34	0.0	3.21	17.93
		-16.72	3.21	-6.31e-03	0.0	88.0	-1087.51	-0.39	0.34	0.0	32.76	-16.72
1759	1	26.35	43.02	-9.34e-03	0.0	0.0	-1730.98	0.59	0.56	0.0	-5.87	26.35
		-25.48	-5.87	-8.84e-03	0.0	88.0	-1726.91	0.59	0.56	0.0	43.02	-25.48
1759	2	21.25	34.85	-7.54e-03	0.0	0.0	-1400.07	0.48	0.45	0.0	-4.70	21.25
		-20.64	-4.70	-7.12e-03	0.0	88.0	-1396.94	0.48	0.45	0.0	34.85	-20.64
1759	3	19.84	32.38	-7.04e-03	0.0	0.0	-1300.95	0.44	0.42	0.0	-4.45	19.84
		-19.18	-4.45	-6.66e-03	0.0	88.0	-1297.82	0.44	0.42	0.0	32.38	-19.18
1759	4	17.01	27.30	-6.03e-03	0.0	0.0	-1102.49	0.38	0.36	0.0	-3.99	17.01
		-16.21	-3.99	-5.77e-03	0.0	88.0	-1099.36	0.38	0.36	0.0	27.30	-16.21
1759	5	17.01	27.30	-6.03e-03	0.0	0.0	-1102.49	0.38	0.36	0.0	-3.99	17.01
		-16.21	-3.99	-5.77e-03	0.0	88.0	-1099.36	0.38	0.36	0.0	27.30	-16.21
1760	1	84.86	34.29	0.02	0.0	0.0	-2017.71	-3.12	-0.14	0.0	34.29	84.86
		-165.10	22.78	-1.50e-03	0.0	80.0	-2014.02	-3.12	-0.14	0.0	22.78	-165.10
1760	2	68.56	27.90	0.01	0.0	0.0	-1632.78	-2.52	-0.12	0.0	27.90	68.56
		-133.33	18.26	-1.20e-03	0.0	80.0	-1629.94	-2.52	-0.12	0.0	18.26	-133.33
1760	3	63.85	26.02	0.01	0.0	0.0	-1516.04	-2.35	-0.13	0.0	26.02	63.85
		-124.19	15.80	-1.12e-03	0.0	80.0	-1513.19	-2.35	-0.13	0.0	15.80	-124.19
1760	4	54.34	21.45	9.71e-03	0.0	0.0	-1282.93	-2.00	-0.08	0.0	21.45	54.34
		-105.83	14.77	-1.02e-03	0.0	80.0	-1280.09	-2.00	-0.08	0.0	14.77	-105.83
1760	5	54.34	21.45	9.71e-03	0.0	0.0	-1282.93	-2.00	-0.08	0.0	21.45	54.34
		-105.83	14.77	-1.02e-03	0.0	80.0	-1280.09	-2.00	-0.08	0.0	14.77	-105.83
1761	1	113.65	266.03	0.02	0.0	0.0	-1378.49	-4.56	4.57	0.0	-99.78	113.65
		-251.55	-99.78	-0.02	0.0	80.0	-1374.79	-4.56	4.57	0.0	266.03	-251.55
1761	2	91.77	213.78	0.02	0.0	0.0	-1113.99	-3.68	3.67	0.0	-79.71	91.77
		-203.03	-79.71	-0.01	0.0	80.0	-1111.15	-3.68	3.67	0.0	213.78	-203.03
1761	3	85.52	199.57	0.01	0.0	0.0	-1036.53	-3.43	3.44	0.0	-75.30	85.52
		-189.27	-75.30	-0.01	0.0	80.0	-1033.68	-3.43	3.44	0.0	199.57	-189.27
1761	4	72.94	173.88	0.01	0.0	0.0	-881.66	-2.93	3.01	0.0	-66.75	72.94
		-161.68	-66.75	-0.01	0.0	80.0	-878.82	-2.93	3.01	0.0	173.88	-161.68
1761	5	72.94	173.88	0.01	0.0	0.0	-881.66	-2.93	3.01	0.0	-66.75	72.94
		-161.68	-66.75	-0.01	0.0	80.0	-878.82	-2.93	3.01	0.0	173.88	-161.68
1762	1	344.11	29.51	-0.02	0.0	0.0	-680.44	6.27	-0.27	0.0	29.51	-157.41
		-157.41	7.91	-5.26e-04	0.0	80.0	-676.74	6.27	-0.27	0.0	7.91	344.11
1762	2	277.82	23.90	-0.02	0.0	0.0	-550.30	5.06	-0.22	0.0	23.90	-127.08





1762	3	-127.08	6.44	-4.18e-04	0.0	80.0	-547.46	5.06	-0.22	0.0	6.44	277.82
		258.71	22.23	-0.02	0.0	0.0	-511.48	4.71	-0.20	0.0	22.23	-118.42
		-118.42	6.13	-4.00e-04	0.0	80.0	-508.63	4.71	-0.20	0.0	6.13	258.71
1762	4	221.00	18.70	-0.01	0.0	0.0	-433.79	4.03	-0.17	0.0	18.70	-101.17
		-101.17	5.23	-3.69e-04	0.0	80.0	-430.95	4.03	-0.17	0.0	5.23	221.00
1762	5	221.00	18.70	-0.01	0.0	0.0	-433.79	4.03	-0.17	0.0	18.70	-101.17
		-101.17	5.23	-3.69e-04	0.0	80.0	-430.95	4.03	-0.17	0.0	5.23	221.00
1763	1	302.05	66.78	-0.02	0.0	0.0	-1413.51	5.55	-1.36	0.0	66.78	-142.19
		-142.19	-42.34	1.68e-03	0.0	80.0	-1409.81	5.55	-1.36	0.0	-42.34	302.05
1763	2	243.90	54.16	-0.02	0.0	0.0	-1142.85	4.48	-1.11	0.0	54.16	-114.80
		-114.80	-34.38	1.39e-03	0.0	80.0	-1140.01	4.48	-1.11	0.0	-34.38	243.90
1763	3	227.05	50.07	-0.01	0.0	0.0	-1062.59	4.18	-1.02	0.0	50.07	-106.96
		-106.96	-31.33	1.25e-03	0.0	80.0	-1059.74	4.18	-1.02	0.0	-31.33	227.05
1763	4	193.85	41.99	-0.01	0.0	0.0	-902.18	3.57	-0.85	0.0	41.99	-91.35
		-91.35	-26.21	9.70e-04	0.0	80.0	-899.33	3.57	-0.85	0.0	-26.21	193.85
1763	5	193.85	41.99	-0.01	0.0	0.0	-902.18	3.57	-0.85	0.0	41.99	-91.35
		-91.35	-26.21	9.70e-04	0.0	80.0	-899.33	3.57	-0.85	0.0	-26.21	193.85
1764	1	35.69	7.52	0.01	0.0	0.0	-1437.61	-0.89	0.13	0.0	-4.34	35.69
		-42.84	-4.34	-0.01	0.0	88.0	-1433.55	-0.89	0.13	0.0	7.52	-42.84
1764	2	28.90	6.08	0.01	0.0	0.0	-1161.46	-0.72	0.11	0.0	-3.58	28.90
		-34.56	-3.58	-8.58e-03	0.0	88.0	-1158.33	-0.72	0.11	0.0	6.08	-34.56
1764	3	26.87	5.67	0.01	0.0	0.0	-1081.19	-0.67	0.10	0.0	-3.33	26.87
		-32.25	-3.33	-8.02e-03	0.0	88.0	-1078.07	-0.67	0.10	0.0	5.67	-32.25
1764	4	22.72	4.83	9.38e-03	0.0	0.0	-920.56	-0.57	0.09	0.0	-2.65	22.72
		-27.62	-2.65	-6.87e-03	0.0	88.0	-917.43	-0.57	0.09	0.0	4.83	-27.62
1764	5	22.72	4.83	9.38e-03	0.0	0.0	-920.56	-0.57	0.09	0.0	-2.65	22.72
		-27.62	-2.65	-6.87e-03	0.0	88.0	-917.43	-0.57	0.09	0.0	4.83	-27.62
1765	1	-42.84	23.87	-4.45e-03	0.0	0.0	-1429.39	-0.89	0.15	0.0	7.52	-42.84
		-142.80	7.52	-9.47e-03	0.0	112.0	-1424.21	-0.89	0.15	0.0	23.87	-142.80
1765	2	-34.56	19.31	-3.59e-03	0.0	0.0	-1155.13	-0.72	0.12	0.0	6.08	-34.56
		-115.33	6.08	-7.64e-03	0.0	112.0	-1151.14	-0.72	0.12	0.0	19.31	-115.33
1765	3	-32.25	18.01	-3.35e-03	0.0	0.0	-1074.87	-0.67	0.11	0.0	5.67	-32.25
		-107.50	5.67	-7.15e-03	0.0	112.0	-1070.88	-0.67	0.11	0.0	18.01	-107.50
1765	4	-27.62	15.21	-2.87e-03	0.0	0.0	-914.23	-0.57	0.09	0.0	4.83	-27.62
		-91.69	4.83	-6.13e-03	0.0	112.0	-910.25	-0.57	0.09	0.0	15.21	-91.69
1765	5	-27.62	15.21	-2.87e-03	0.0	0.0	-914.23	-0.57	0.09	0.0	4.83	-27.62
		-91.69	4.83	-6.13e-03	0.0	112.0	-910.25	-0.57	0.09	0.0	15.21	-91.69
1766	1	29.13	37.96	5.92e-03	0.0	0.0	-1412.41	-1.86	-0.39	0.0	37.96	29.13
		-119.82	6.84	-1.30e-03	0.0	80.0	-1408.71	-1.86	-0.39	0.0	6.84	-119.82
1766	2	23.63	30.87	4.80e-03	0.0	0.0	-1142.01	-1.51	-0.32	0.0	30.87	23.63
		-96.95	5.33	-1.03e-03	0.0	80.0	-1139.16	-1.51	-0.32	0.0	5.33	-96.95
1766	3	21.85	28.77	4.45e-03	0.0	0.0	-1061.63	-1.40	-0.31	0.0	28.77	21.85
		-90.17	3.86	-9.66e-04	0.0	80.0	-1058.78	-1.40	-0.31	0.0	3.86	-90.17
1766	4	18.30	23.77	3.75e-03	0.0	0.0	-901.14	-1.18	-0.24	0.0	23.77	18.30
		-76.27	4.72	-8.91e-04	0.0	80.0	-898.30	-1.18	-0.24	0.0	4.72	-76.27
1766	5	18.30	23.77	3.75e-03	0.0	0.0	-901.14	-1.18	-0.24	0.0	23.77	18.30
		-76.27	4.72	-8.91e-04	0.0	80.0	-898.30	-1.18	-0.24	0.0	4.72	-76.27
1767	1	38.84	270.94	7.41e-03	0.0	0.0	-441.62	-2.32	4.68	0.0	-103.55	38.84
		-147.11	-103.55	-0.02	0.0	80.0	-437.92	-2.32	4.68	0.0	270.94	-147.11
1767	2	31.47	217.64	6.00e-03	0.0	0.0	-357.86	-1.88	3.75	0.0	-82.70	31.47
		-118.99	-82.70	-0.01	0.0	80.0	-355.02	-1.88	3.75	0.0	217.64	-118.99
1767	3	29.15	203.30	5.56e-03	0.0	0.0	-331.55	-1.75	3.52	0.0	-78.15	29.15
		-110.67	-78.15	-0.01	0.0	80.0	-328.70	-1.75	3.52	0.0	203.30	-110.67
1767	4	24.53	177.34	4.71e-03	0.0	0.0	-279.11	-1.48	3.08	0.0	-69.31	24.53
		-93.78	-69.31	-0.01	0.0	80.0	-276.27	-1.48	3.08	0.0	177.34	-93.78
1767	5	24.53	177.34	4.71e-03	0.0	0.0	-279.11	-1.48	3.08	0.0	-69.31	24.53
		-93.78	-69.31	-0.01	0.0	80.0	-276.27	-1.48	3.08	0.0	177.34	-93.78
1769	1	-4.08	-0.92	-1.39e-03	0.0	0.0	-1474.43	-9.17e-03	-0.04	0.0	-0.92	-4.08
		-5.00	-4.99	-0.02	0.0	100.0	-1469.80	-9.17e-03	-0.04	0.0	-4.99	-5.00
1769	2	-3.27	-0.75	-1.12e-03	0.0	0.0	-1188.87	-7.22e-03	-0.03	0.0	-0.75	-3.27
		-3.99	-4.03	-0.01	0.0	100.0	-1185.31	-7.22e-03	-0.03	0.0	-4.03	-3.99
1769	3	-3.08	-0.69	-1.04e-03	0.0	0.0	-1109.89	-6.98e-03	-0.03	0.0	-0.69	-3.08
		-3.78	-3.76	-0.01	0.0	100.0	-1106.34	-6.98e-03	-0.03	0.0	-3.76	-3.78
1769	4	-2.69	-0.57	-8.92e-04	0.0	0.0	-951.87	-6.49e-03	-0.03	0.0	-0.57	-2.69
		-3.34	-3.21	-0.01	0.0	100.0	-948.31	-6.49e-03	-0.03	0.0	-3.21	-3.34
1769	5	-2.69	-0.57	-8.92e-04	0.0	0.0	-951.87	-6.49e-03	-0.03	0.0	-0.57	-2.69
		-3.34	-3.21	-0.01	0.0	100.0	-948.31	-6.49e-03	-0.03	0.0	-3.21	-3.34
1770	1	-3.34	10.18	-1.39e-03	0.0	0.0	-2066.14	-0.04	1.17	0.0	-106.36	-3.34
		-7.72	-106.36	-0.01	0.0	100.0	-2061.52	-0.04	1.17	0.0	10.18	-7.72
1770	2	-2.67	8.19	-1.12e-03	0.0	0.0	-1665.83	-0.04	0.94	0.0	-85.63	-2.67
		-6.20	-85.63	-0.01	0.0	100.0	-1662.27	-0.04	0.94	0.0	8.19	-6.20
1770	3	-2.52	7.66	-1.05e-03	0.0	0.0	-1555.30	-0.03	0.88	0.0	-80.12	-2.52
		-5.83	-80.12	-9.37e-03	0.0	100.0	-1551.74	-0.03	0.88	0.0	7.66	-5.83
1770	4	-2.22	6.59	-8.93e-04	0.0	0.0	-1334.30	-0.03	0.76	0.0	-69.11	-2.22
		-5.08	-69.11	-8.05e-03	0.0	100.0	-1330.74	-0.03	0.76	0.0	6.59	-5.08
1770	5	-2.22	6.59	-8.93e-04	0.0	0.0	-1334.30	-0.03	0.76	0.0	-69.11	-2.22
		-5.08	-69.11	-8.05e-03	0.0	100.0	-1330.74	-0.03	0.76	0.0	6.59	-5.08

1773	1	39.76	152.68	0.01	0.0	0.0	-2291.03	-0.71	1.95	0.0	-42.67	39.76
		-30.96	-42.67	-0.04	0.0	100.0	-2286.41	-0.71	1.95	0.0	152.68	-30.96
1773	2	32.05	123.00	8.75e-03	0.0	0.0	-1846.93	-0.57	1.57	0.0	-34.40	32.05
		-25.12	-34.40	-0.03	0.0	100.0	-1843.38	-0.57	1.57	0.0	123.00	-25.12
1773	3	29.94	114.99	8.19e-03	0.0	0.0	-1724.87	-0.53	1.47	0.0	-32.13	29.94
		-23.25	-32.13	-0.03	0.0	100.0	-1721.31	-0.53	1.47	0.0	114.99	-23.25
1773	4	25.69	98.96	7.07e-03	0.0	0.0	-1480.36	-0.45	1.27	0.0	-27.57	25.69
		-19.50	-27.57	-0.02	0.0	100.0	-1476.80	-0.45	1.27	0.0	98.96	-19.50
1773	5	25.69	98.96	7.07e-03	0.0	0.0	-1480.36	-0.45	1.27	0.0	-27.57	25.69
		-19.50	-27.57	-0.02	0.0	100.0	-1476.80	-0.45	1.27	0.0	98.96	-19.50
1774	1	37.89	296.02	0.01	0.0	0.0	-1481.39	-0.61	4.36	0.0	-140.10	37.89
		-23.36	-140.10	-0.15	0.0	100.0	-1476.77	-0.61	4.36	0.0	296.02	-23.36
1774	2	30.54	238.47	8.75e-03	0.0	0.0	-1194.95	-0.50	3.51	0.0	-112.89	30.54
		-18.97	-112.89	-0.12	0.0	100.0	-1191.39	-0.50	3.51	0.0	238.47	-18.97
1774	3	28.53	222.94	8.19e-03	0.0	0.0	-1114.94	-0.46	3.28	0.0	-105.50	28.53
		-17.52	-105.50	-0.11	0.0	100.0	-1111.38	-0.46	3.28	0.0	222.94	-17.52
1774	4	24.49	191.86	7.07e-03	0.0	0.0	-954.82	-0.39	2.83	0.0	-90.69	24.49
		-14.63	-90.69	-0.09	0.0	100.0	-951.26	-0.39	2.83	0.0	191.86	-14.63
1774	5	24.49	191.86	7.07e-03	0.0	0.0	-954.82	-0.39	2.83	0.0	-90.69	24.49
		-14.63	-90.69	-0.09	0.0	100.0	-951.26	-0.39	2.83	0.0	191.86	-14.63
1775	1	47.29	15.64	-0.01	0.0	0.0	-1952.16	0.93	0.24	0.0	-8.62	-45.29
		-45.29	-8.62	-0.02	0.0	100.0	-1947.53	0.93	0.24	0.0	15.64	47.29
1775	2	38.23	12.61	-9.89e-03	0.0	0.0	-1574.53	0.75	0.20	0.0	-6.95	-36.50
		-36.50	-6.95	-0.02	0.0	100.0	-1570.97	0.75	0.20	0.0	12.61	38.23
1775	3	35.55	11.74	-9.24e-03	0.0	0.0	-1469.25	0.70	0.18	0.0	-6.48	-34.09
		-34.09	-6.48	-0.01	0.0	100.0	-1465.69	0.70	0.18	0.0	11.74	35.55
1775	4	30.24	10.08	-7.96e-03	0.0	0.0	-1258.76	0.60	0.16	0.0	-5.54	-29.27
		-29.27	-5.54	-0.01	0.0	100.0	-1255.20	0.60	0.16	0.0	10.08	30.24
1775	5	30.24	10.08	-7.96e-03	0.0	0.0	-1258.76	0.60	0.16	0.0	-5.54	-29.27
		-29.27	-5.54	-0.01	0.0	100.0	-1255.20	0.60	0.16	0.0	10.08	30.24
1776	1	57.32	40.17	-0.01	0.0	0.0	-2567.75	1.05	0.38	0.0	1.71	-47.76
		-47.76	1.71	-0.02	0.0	100.0	-2563.12	1.05	0.38	0.0	40.17	57.32
1776	2	46.32	32.42	-9.88e-03	0.0	0.0	-2070.75	0.85	0.31	0.0	1.30	-38.50
		-38.50	1.30	-0.01	0.0	100.0	-2067.19	0.85	0.31	0.0	32.42	46.32
1776	3	43.10	30.20	-9.24e-03	0.0	0.0	-1932.69	0.79	0.29	0.0	1.33	-35.95
		-35.95	1.33	-0.01	0.0	100.0	-1929.13	0.79	0.29	0.0	30.20	43.10
1776	4	36.68	25.80	-7.96e-03	0.0	0.0	-1656.52	0.68	0.24	0.0	1.36	-30.86
		-30.86	1.36	-0.01	0.0	100.0	-1652.97	0.68	0.24	0.0	25.80	36.68
1776	5	36.68	25.80	-7.96e-03	0.0	0.0	-1656.52	0.68	0.24	0.0	1.36	-30.86
		-30.86	1.36	-0.01	0.0	100.0	-1652.97	0.68	0.24	0.0	25.80	36.68
1777	1	59.04	164.31	0.02	0.0	0.0	-2282.66	-1.07	2.18	0.0	-53.93	59.04
		-47.47	-53.93	-0.04	0.0	100.0	-2278.04	-1.07	2.18	0.0	164.31	-47.47
1777	2	47.58	132.33	0.01	0.0	0.0	-1840.49	-0.86	1.76	0.0	-43.45	47.58
		-38.37	-43.45	-0.03	0.0	100.0	-1836.94	-0.86	1.76	0.0	132.33	-38.37
1777	3	44.45	123.76	0.01	0.0	0.0	-1718.20	-0.80	1.64	0.0	-40.62	44.45
		-35.70	-40.62	-0.03	0.0	100.0	-1714.65	-0.80	1.64	0.0	123.76	-35.70
1777	4	38.18	106.62	0.01	0.0	0.0	-1473.81	-0.69	1.42	0.0	-34.95	38.18
		-30.34	-34.95	-0.03	0.0	100.0	-1470.25	-0.69	1.42	0.0	106.62	-30.34
1777	5	38.18	106.62	0.01	0.0	0.0	-1473.81	-0.69	1.42	0.0	-34.95	38.18
		-30.34	-34.95	-0.03	0.0	100.0	-1470.25	-0.69	1.42	0.0	106.62	-30.34
1778	1	10.77	144.40	2.95e-03	0.0	0.0	-2137.75	-0.03	1.89	0.0	-44.52	10.77
		7.29	-44.52	-0.04	0.0	100.0	-2133.13	-0.03	1.89	0.0	144.40	7.29
1778	2	8.65	116.27	2.36e-03	0.0	0.0	-1724.01	-0.03	1.52	0.0	-35.87	8.65
		5.83	-35.87	-0.03	0.0	100.0	-1720.46	-0.03	1.52	0.0	116.27	5.83
1778	3	8.12	108.80	2.22e-03	0.0	0.0	-1608.96	-0.03	1.42	0.0	-33.53	8.12
		5.51	-33.53	-0.03	0.0	100.0	-1605.41	-0.03	1.42	0.0	108.80	5.51
1778	4	7.06	93.86	1.95e-03	0.0	0.0	-1379.12	-0.02	1.23	0.0	-28.86	7.06
		4.87	-28.86	-0.02	0.0	100.0	-1375.56	-0.02	1.23	0.0	93.86	4.87
1778	5	7.06	93.86	1.95e-03	0.0	0.0	-1379.12	-0.02	1.23	0.0	-28.86	7.06
		4.87	-28.86	-0.02	0.0	100.0	-1375.56	-0.02	1.23	0.0	93.86	4.87
1779	1	56.37	295.82	0.02	0.0	0.0	-1515.83	-0.93	4.32	0.0	-136.67	56.37
		-36.35	-136.67	-0.15	0.0	100.0	-1511.21	-0.93	4.32	0.0	295.82	-36.35
1779	2	45.43	238.32	0.01	0.0	0.0	-1222.69	-0.75	3.48	0.0	-110.14	45.43
		-29.40	-110.14	-0.12	0.0	100.0	-1219.13	-0.75	3.48	0.0	238.32	-29.40
1779	3	42.44	222.78	0.01	0.0	0.0	-1140.84	-0.70	3.26	0.0	-102.91	42.44
		-27.33	-102.91	-0.11	0.0	100.0	-1137.28	-0.70	3.26	0.0	222.78	-27.33
1779	4	36.46	191.69	0.01	0.0	0.0	-977.16	-0.60	2.80	0.0	-88.44	36.46
		-23.17	-88.44	-0.09	0.0	100.0	-973.60	-0.60	2.80	0.0	191.69	-23.17
1779	5	36.46	191.69	0.01	0.0	0.0	-977.16	-0.60	2.80	0.0	-88.44	36.46
		-23.17	-88.44	-0.09	0.0	100.0	-973.60	-0.60	2.80	0.0	191.69	-23.17
1780	1	0.0	8.52	1.86e-04	0.0	0.0	-835.73	-0.10	0.09	0.0	0.0	0.0
		-10.39	0.0	-0.02	0.0	100.0	-831.11	-0.10	0.09	0.0	8.52	-10.39
1780	2	0.0	6.85	1.53e-04	0.0	0.0	-674.24	-0.08	0.07	0.0	0.0	0.0
		-8.38	0.0	-0.01	0.0	100.0	-670.68	-0.08	0.07	0.0	6.85	-8.38
1780	3	0.0	6.38	1.38e-04	0.0	0.0	-628.96	-0.08	0.06	0.0	0.0	0.0
		-7.82	0.0	-0.01	0.0	100.0	-625.40	-0.08	0.06	0.0	6.38	-7.82
1780	4	0.0	5.52	-1.25e-04	0.0	0.0	-538.33	-0.07	0.06	0.0	0.0	0.0

1780	5	-6.69	0.0	-0.01	0.0	100.0	-534.78	-0.07	0.06	0.0	5.52	-6.69
		0.0	5.52	-1.25e-04	0.0	0.0	-538.33	-0.07	0.06	0.0	0.0	0.0
		-6.69	0.0	-0.01	0.0	100.0	-534.78	-0.07	0.06	0.0	5.52	-6.69
1781	1	18.87	294.97	2.95e-03	0.0	0.0	-1495.23	0.11	4.40	0.0	-145.33	7.70
		7.70	-145.33	-0.14	0.0	100.0	-1490.61	0.11	4.40	0.0	294.97	18.87
1781	2	15.16	237.60	2.37e-03	0.0	0.0	-1206.16	0.09	3.55	0.0	-117.09	6.17
		6.17	-117.09	-0.12	0.0	100.0	-1202.60	0.09	3.55	0.0	237.60	15.16
1781	3	14.22	222.16	2.23e-03	0.0	0.0	-1125.25	0.08	3.32	0.0	-109.44	5.81
		5.81	-109.44	-0.11	0.0	100.0	-1121.70	0.08	3.32	0.0	222.16	14.22
1781	4	12.34	191.26	1.96e-03	0.0	0.0	-963.57	0.07	2.85	0.0	-94.12	5.08
		5.08	-94.12	-0.09	0.0	100.0	-960.02	0.07	2.85	0.0	191.26	12.34
1781	5	12.34	191.26	1.96e-03	0.0	0.0	-963.57	0.07	2.85	0.0	-94.12	5.08
		5.08	-94.12	-0.09	0.0	100.0	-960.02	0.07	2.85	0.0	191.26	12.34
1782	1	10.39	39.28	-3.69e-04	0.0	0.0	-1034.70	0.10	0.39	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	100.0	-1030.08	0.10	0.39	0.0	39.28	10.39
1782	2	8.38	31.64	-2.94e-04	0.0	0.0	-834.94	0.08	0.32	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	100.0	-831.38	0.08	0.32	0.0	31.64	8.38
1782	3	7.82	29.55	-2.80e-04	0.0	0.0	-778.55	0.08	0.30	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	100.0	-774.99	0.08	0.30	0.0	29.55	7.82
1782	4	6.69	25.42	-2.51e-04	0.0	0.0	-665.80	0.07	0.25	0.0	0.0	0.0
		0.0	0.0	-9.50e-03	0.0	100.0	-662.25	0.07	0.25	0.0	25.42	6.69
1782	5	6.69	25.42	-2.51e-04	0.0	0.0	-665.80	0.07	0.25	0.0	0.0	0.0
		0.0	0.0	-9.50e-03	0.0	100.0	-662.25	0.07	0.25	0.0	25.42	6.69
1783	1	-7.58	11.37	-2.68e-03	0.0	0.0	-1533.88	-0.10	0.18	0.0	-7.11	-7.58
		-17.84	-7.11	-0.02	0.0	100.0	-1529.25	-0.10	0.18	0.0	11.37	-17.84
1783	2	-6.07	9.15	-2.15e-03	0.0	0.0	-1237.33	-0.08	0.15	0.0	-5.73	-6.07
		-14.34	-5.73	-0.02	0.0	100.0	-1233.77	-0.08	0.15	0.0	9.15	-14.34
1783	3	-5.72	8.54	-2.02e-03	0.0	0.0	-1154.37	-0.08	0.14	0.0	-5.35	-5.72
		-13.45	-5.35	-0.01	0.0	100.0	-1150.82	-0.08	0.14	0.0	8.54	-13.45
1783	4	-5.02	7.37	-1.77e-03	0.0	0.0	-988.51	-0.07	0.12	0.0	-4.57	-5.02
		-11.66	-4.57	-0.01	0.0	100.0	-984.95	-0.07	0.12	0.0	7.37	-11.66
1783	5	-5.02	7.37	-1.77e-03	0.0	0.0	-988.51	-0.07	0.12	0.0	-4.57	-5.02
		-11.66	-4.57	-0.01	0.0	100.0	-984.95	-0.07	0.12	0.0	7.37	-11.66
1784	1	-7.52	46.25	-2.68e-03	0.0	0.0	-2139.66	0.03	0.48	0.0	-1.67	-10.32
		-10.32	-1.67	-0.02	0.0	100.0	-2135.04	0.03	0.48	0.0	46.25	-7.52
1784	2	-6.00	37.36	-2.15e-03	0.0	0.0	-1725.71	0.02	0.39	0.0	-1.43	-8.29
		-8.29	-1.43	-0.01	0.0	100.0	-1722.15	0.02	0.39	0.0	37.36	-6.00
1784	3	-5.69	34.80	-2.02e-03	0.0	0.0	-1610.40	0.02	0.36	0.0	-1.23	-7.78
		-7.78	-1.23	-0.01	0.0	100.0	-1606.84	0.02	0.36	0.0	34.80	-5.69
1784	4	-5.05	29.68	-1.76e-03	0.0	0.0	-1379.85	0.02	0.31	0.0	-0.84	-6.77
		-6.77	-0.84	-0.01	0.0	100.0	-1376.29	0.02	0.31	0.0	29.68	-5.05
1784	5	-5.05	29.68	-1.76e-03	0.0	0.0	-1379.85	0.02	0.31	0.0	-0.84	-6.77
		-6.77	-0.84	-0.01	0.0	100.0	-1376.29	0.02	0.31	0.0	29.68	-5.05
1785	1	28.58	188.27	8.64e-03	0.0	0.0	-2217.70	0.06	2.52	0.0	-63.50	23.03
		23.03	-63.50	-0.04	0.0	100.0	-2213.08	0.06	2.52	0.0	188.27	28.58
1785	2	22.96	151.64	6.95e-03	0.0	0.0	-1788.67	0.04	2.03	0.0	-51.17	18.53
		18.53	-51.17	-0.04	0.0	100.0	-1785.12	0.04	2.03	0.0	151.64	22.96
1785	3	21.55	141.80	6.51e-03	0.0	0.0	-1669.07	0.04	1.90	0.0	-47.82	17.36
		17.36	-47.82	-0.03	0.0	100.0	-1665.52	0.04	1.90	0.0	141.80	21.55
1785	4	18.75	122.10	5.65e-03	0.0	0.0	-1430.21	0.04	1.63	0.0	-41.11	15.04
		15.04	-41.11	-0.03	0.0	100.0	-1426.65	0.04	1.63	0.0	122.10	18.75
1785	5	18.75	122.10	5.65e-03	0.0	0.0	-1430.21	0.04	1.63	0.0	-41.11	15.04
		15.04	-41.11	-0.03	0.0	100.0	-1426.65	0.04	1.63	0.0	122.10	18.75
1786	1	34.50	296.16	8.65e-03	0.0	0.0	-1432.04	0.13	4.29	0.0	-132.92	21.49
		21.49	-132.92	-0.15	0.0	100.0	-1427.42	0.13	4.29	0.0	296.16	34.50
1786	2	27.76	238.60	6.96e-03	0.0	0.0	-1155.39	0.10	3.46	0.0	-107.13	17.28
		17.28	-107.13	-0.12	0.0	100.0	-1151.84	0.10	3.46	0.0	238.60	27.76
1786	3	26.00	223.03	6.52e-03	0.0	0.0	-1077.66	0.10	3.23	0.0	-100.08	16.20
		16.20	-100.08	-0.11	0.0	100.0	-1074.10	0.10	3.23	0.0	223.03	26.00
1786	4	22.49	191.88	5.65e-03	0.0	0.0	-922.13	0.08	2.78	0.0	-85.98	14.07
		14.07	-85.98	-0.10	0.0	100.0	-918.57	0.08	2.78	0.0	191.88	22.49
1786	5	22.49	191.88	5.65e-03	0.0	0.0	-922.13	0.08	2.78	0.0	-85.98	14.07
		14.07	-85.98	-0.10	0.0	100.0	-918.57	0.08	2.78	0.0	191.88	22.49
1787	1	10.71	152.08	3.34e-03	0.0	0.0	-2091.69	-0.04	1.98	0.0	-45.48	10.71
		7.15	-45.48	-0.04	0.0	100.0	-2087.07	-0.04	1.98	0.0	152.08	7.15
1787	2	8.60	122.52	2.68e-03	0.0	0.0	-1686.93	-0.03	1.59	0.0	-36.67	8.60
		5.71	-36.67	-0.03	0.0	100.0	-1683.37	-0.03	1.59	0.0	122.52	5.71
1787	3	8.07	114.54	2.52e-03	0.0	0.0	-1574.29	-0.03	1.49	0.0	-34.24	8.07
		5.40	-34.24	-0.03	0.0	100.0	-1570.74	-0.03	1.49	0.0	114.54	5.40
1787	4	7.01	98.59	2.21e-03	0.0	0.0	-1349.10	-0.02	1.28	0.0	-29.37	7.01
		4.79	-29.37	-0.02	0.0	100.0	-1345.54	-0.02	1.28	0.0	98.59	4.79
1787	5	7.01	98.59	2.21e-03	0.0	0.0	-1349.10	-0.02	1.28	0.0	-29.37	7.01
		4.79	-29.37	-0.02	0.0	100.0	-1345.54	-0.02	1.28	0.0	98.59	4.79
1788	1	1.88	570.01	2.05e-03	0.0	0.0	-2451.38	-0.08	-7.48	0.0	570.01	1.88
		-6.47	-178.12	-0.02	0.0	100.0	-2446.76	-0.08	-7.48	0.0	-178.12	-6.47
1788	2	1.51	458.84	1.65e-03	0.0	0.0	-1976.39	-0.07	-6.02	0.0	458.84	1.51
		-5.23	-143.40	-0.01	0.0	100.0	-1972.83	-0.07	-6.02	0.0	-143.40	-5.23

1788	3	1.42	429.44	1.55e-03	0.0	0.0	-1845.36	-0.06	-5.64	0.0	429.44	1.42
		-4.86	-134.22	-0.01	0.0	100.0	-1841.80	-0.06	-5.64	0.0	-134.22	-4.86
1788	4	1.24	370.57	1.34e-03	0.0	0.0	-1583.26	-0.05	-4.86	0.0	370.57	1.24
		-4.13	-115.77	-0.01	0.0	100.0	-1579.71	-0.05	-4.86	0.0	-115.77	-4.13
1788	5	1.24	370.57	1.34e-03	0.0	0.0	-1583.26	-0.05	-4.86	0.0	370.57	1.24
		-4.13	-115.77	-0.01	0.0	100.0	-1579.71	-0.05	-4.86	0.0	-115.77	-4.13
1789	1	6.79	243.69	2.06e-03	0.0	0.0	-2874.54	0.08	-2.59	0.0	243.69	-1.66
		-1.66	-15.64	-0.02	0.0	100.0	-2869.92	0.08	-2.59	0.0	-15.64	6.79
1789	2	5.46	196.04	1.65e-03	0.0	0.0	-2318.38	0.07	-2.09	0.0	196.04	-1.35
		-1.35	-12.46	-0.01	0.0	100.0	-2314.82	0.07	-2.09	0.0	-12.46	5.46
1789	3	5.12	183.67	1.55e-03	0.0	0.0	-2163.61	0.06	-1.96	0.0	183.67	-1.24
		-1.24	-11.88	-0.01	0.0	100.0	-2160.05	0.06	-1.96	0.0	-11.88	5.12
1789	4	4.42	158.85	1.34e-03	0.0	0.0	-1854.01	0.05	-1.69	0.0	158.85	-1.04
		-1.04	-10.62	-0.01	0.0	100.0	-1850.46	0.05	-1.69	0.0	-10.62	4.42
1789	5	4.42	158.85	1.34e-03	0.0	0.0	-1854.01	0.05	-1.69	0.0	158.85	-1.04
		-1.04	-10.62	-0.01	0.0	100.0	-1850.46	0.05	-1.69	0.0	-10.62	4.42
1790	1	21.73	205.55	8.12e-03	0.0	0.0	-2168.82	0.02	2.76	0.0	-70.08	19.33
		19.33	-70.08	-0.05	0.0	100.0	-2164.20	0.02	2.76	0.0	205.55	21.73
1790	2	17.41	165.62	6.52e-03	0.0	0.0	-1749.39	0.02	2.22	0.0	-56.49	15.52
		15.52	-56.49	-0.04	0.0	100.0	-1745.84	0.02	2.22	0.0	165.62	17.41
1790	3	16.41	154.79	6.12e-03	0.0	0.0	-1632.27	0.02	2.08	0.0	-52.77	14.58
		14.58	-52.77	-0.04	0.0	100.0	-1628.71	0.02	2.08	0.0	154.79	16.41
1790	4	14.40	133.11	5.32e-03	0.0	0.0	-1397.96	0.02	1.78	0.0	-45.30	12.67
		12.67	-45.30	-0.03	0.0	100.0	-1394.40	0.02	1.78	0.0	133.11	14.40
1790	5	14.40	133.11	5.32e-03	0.0	0.0	-1397.96	0.02	1.78	0.0	-45.30	12.67
		12.67	-45.30	-0.03	0.0	100.0	-1394.40	0.02	1.78	0.0	133.11	14.40
1791	1	29.96	296.50	8.13e-03	0.0	0.0	-1441.93	0.13	4.25	0.0	-128.67	17.17
		17.17	-128.67	-0.15	0.0	100.0	-1437.31	0.13	4.25	0.0	296.50	29.96
1791	2	24.09	238.88	6.53e-03	0.0	0.0	-1163.48	0.10	3.43	0.0	-103.71	13.77
		13.77	-103.71	-0.12	0.0	100.0	-1159.92	0.10	3.43	0.0	238.88	24.09
1791	3	22.59	223.28	6.13e-03	0.0	0.0	-1085.07	0.10	3.20	0.0	-96.88	12.96
		12.96	-96.88	-0.11	0.0	100.0	-1081.51	0.10	3.20	0.0	223.28	22.59
1791	4	19.57	192.05	5.33e-03	0.0	0.0	-928.23	0.08	2.75	0.0	-83.19	11.31
		11.31	-83.19	-0.10	0.0	100.0	-924.68	0.08	2.75	0.0	192.05	19.57
1791	5	19.57	192.05	5.33e-03	0.0	0.0	-928.23	0.08	2.75	0.0	-83.19	11.31
		11.31	-83.19	-0.10	0.0	100.0	-924.68	0.08	2.75	0.0	192.05	19.57
1792	1	-10.26	531.20	-8.54e-04	0.0	0.0	-1664.25	-0.14	-6.94	0.0	531.20	-10.26
		-23.80	-162.46	-0.02	0.0	100.0	-1659.62	-0.14	-6.94	0.0	-162.46	-23.80
1792	2	-8.24	427.60	-6.79e-04	0.0	0.0	-1342.24	-0.11	-5.58	0.0	427.60	-8.24
		-19.14	-130.78	-0.02	0.0	100.0	-1338.68	-0.11	-5.58	0.0	-130.78	-19.14
1792	3	-7.75	400.21	-6.49e-04	0.0	0.0	-1252.63	-0.10	-5.23	0.0	400.21	-7.75
		-17.95	-122.43	-0.02	0.0	100.0	-1249.07	-0.10	-5.23	0.0	-122.43	-17.95
1792	4	-6.74	345.34	-5.86e-04	0.0	0.0	-1073.41	-0.09	-4.51	0.0	345.34	-6.74
		-15.53	-105.62	-0.01	0.0	100.0	-1069.86	-0.09	-4.51	0.0	-105.62	-15.53
1792	5	-6.74	345.34	-5.86e-04	0.0	0.0	-1073.41	-0.09	-4.51	0.0	345.34	-6.74
		-15.53	-105.62	-0.01	0.0	100.0	-1069.86	-0.09	-4.51	0.0	-105.62	-15.53
1793	1	18.80	295.75	3.35e-03	0.0	0.0	-1482.80	0.11	4.39	0.0	-142.98	7.61
		7.61	-142.98	-0.15	0.0	100.0	-1478.18	0.11	4.39	0.0	295.75	18.80
1793	2	15.12	238.24	2.69e-03	0.0	0.0	-1196.13	0.09	3.53	0.0	-115.20	6.10
		6.10	-115.20	-0.12	0.0	100.0	-1192.57	0.09	3.53	0.0	238.24	15.12
1793	3	14.16	222.74	2.53e-03	0.0	0.0	-1115.92	0.08	3.30	0.0	-107.67	5.74
		5.74	-107.67	-0.11	0.0	100.0	-1112.37	0.08	3.30	0.0	222.74	14.16
1793	4	12.26	191.73	2.21e-03	0.0	0.0	-955.52	0.07	2.84	0.0	-92.58	5.03
		5.03	-92.58	-0.09	0.0	100.0	-951.96	0.07	2.84	0.0	191.73	12.26
1793	5	12.26	191.73	2.21e-03	0.0	0.0	-955.52	0.07	2.84	0.0	-92.58	5.03
		5.03	-92.58	-0.09	0.0	100.0	-951.96	0.07	2.84	0.0	191.73	12.26
1794	1	-10.34	166.58	-8.46e-04	0.0	0.0	-2309.66	0.03	-1.10	0.0	166.58	-10.34
		-13.84	56.57	-0.03	0.0	100.0	-2305.04	0.03	-1.10	0.0	56.57	-10.34
1794	2	-8.29	133.92	-6.72e-04	0.0	0.0	-1862.39	0.03	-0.88	0.0	133.92	-11.12
		-11.12	45.80	-0.02	0.0	100.0	-1858.83	0.03	-0.88	0.0	45.80	-8.29
1794	3	-7.81	125.59	-6.43e-04	0.0	0.0	-1738.62	0.03	-0.83	0.0	125.59	-10.44
		-10.44	42.48	-0.02	0.0	100.0	-1735.06	0.03	-0.83	0.0	42.48	-7.81
1794	4	-6.83	108.90	-5.81e-04	0.0	0.0	-1490.98	0.02	-0.73	0.0	108.90	-9.05
		-9.05	35.89	-0.02	0.0	100.0	-1487.42	0.02	-0.73	0.0	35.89	-6.83
1794	5	-6.83	108.90	-5.81e-04	0.0	0.0	-1490.98	0.02	-0.73	0.0	108.90	-9.05
		-9.05	35.89	-0.02	0.0	100.0	-1487.42	0.02	-0.73	0.0	35.89	-6.83
1795	1	8.98	213.94	5.71e-03	0.0	0.0	-2134.33	-0.04	2.87	0.0	-73.36	8.98
		5.38	-73.36	-0.05	0.0	100.0	-2129.70	-0.04	2.87	0.0	213.94	5.38
1795	2	7.21	172.45	4.58e-03	0.0	0.0	-1721.12	-0.03	2.32	0.0	-59.17	7.21
		4.28	-59.17	-0.04	0.0	100.0	-1717.56	-0.03	2.32	0.0	172.45	4.28
1795	3	6.78	161.06	4.30e-03	0.0	0.0	-1606.56	-0.03	2.16	0.0	-55.21	6.78
		4.08	-55.21	-0.04	0.0	100.0	-1603.01	-0.03	2.16	0.0	161.06	4.08
1795	4	5.92	138.29	3.74e-03	0.0	0.0	-1377.33	-0.02	1.86	0.0	-47.31	5.92
		3.70	-47.31	-0.03	0.0	100.0	-1373.77	-0.02	1.86	0.0	138.29	3.70
1795	5	5.92	138.29	3.74e-03	0.0	0.0	-1377.33	-0.02	1.86	0.0	-47.31	5.92
		3.70	-47.31	-0.03	0.0	100.0	-1373.77	-0.02	1.86	0.0	138.29	3.70
1796	1	40.90	13.40	-0.01	0.0	0.0	-1614.74	0.87	0.21	0.0	-7.81	-46.00



1796	2	-46.00	-7.81	-0.02	0.0	100.0	-1610.12	0.87	0.21	0.0	13.40	40.90
		33.05	10.80	-9.75e-03	0.0	0.0	-1302.36	0.70	0.17	0.0	-6.30	-37.07
		-37.07	-6.30	-0.02	0.0	100.0	-1298.80	0.70	0.17	0.0	10.80	33.05
1796	3	30.74	10.06	-9.12e-03	0.0	0.0	-1215.33	0.65	0.16	0.0	-5.88	-34.63
		-34.63	-5.88	-0.01	0.0	100.0	-1211.77	0.65	0.16	0.0	10.06	30.74
1796	4	26.15	8.66	-7.86e-03	0.0	0.0	-1041.26	0.56	0.14	0.0	-5.02	-29.78
		-29.78	-5.02	-0.01	0.0	100.0	-1037.71	0.56	0.14	0.0	8.66	26.15
1796	5	26.15	8.66	-7.86e-03	0.0	0.0	-1041.26	0.56	0.14	0.0	-5.02	-29.78
		-29.78	-5.02	-0.01	0.0	100.0	-1037.71	0.56	0.14	0.0	8.66	26.15
1797	1	16.06	296.78	5.71e-03	0.0	0.0	-1487.91	0.10	4.21	0.0	-123.84	6.15
		6.15	-123.84	-0.15	0.0	100.0	-1483.29	0.10	4.21	0.0	296.78	16.06
1797	2	12.90	239.12	4.59e-03	0.0	0.0	-1200.21	0.08	3.39	0.0	-99.83	4.92
		4.92	-99.83	-0.12	0.0	100.0	-1196.66	0.08	3.39	0.0	239.12	12.90
1797	3	12.10	223.48	4.31e-03	0.0	0.0	-1119.85	0.07	3.17	0.0	-93.23	4.64
		4.64	-93.23	-0.11	0.0	100.0	-1116.30	0.07	3.17	0.0	223.48	12.10
1797	4	10.51	192.18	3.75e-03	0.0	0.0	-959.03	0.06	2.72	0.0	-80.02	4.11
		4.11	-80.02	-0.10	0.0	100.0	-955.47	0.06	2.72	0.0	192.18	10.51
1797	5	10.51	192.18	3.75e-03	0.0	0.0	-959.03	0.06	2.72	0.0	-80.02	4.11
		4.11	-80.02	-0.10	0.0	100.0	-955.47	0.06	2.72	0.0	192.18	10.51
1799	1	48.80	43.66	-0.01	0.0	0.0	-2262.44	0.97	0.44	0.0	-0.83	-47.92
		-47.92	-0.83	-0.02	0.0	100.0	-2257.82	0.97	0.44	0.0	43.66	48.80
1799	2	39.43	35.27	-9.74e-03	0.0	0.0	-1824.15	0.78	0.36	0.0	-0.76	-38.62
		-38.62	-0.76	-0.01	0.0	100.0	-1820.60	0.78	0.36	0.0	35.27	39.43
1799	3	36.69	32.83	-9.11e-03	0.0	0.0	-1703.04	0.73	0.33	0.0	-0.59	-36.08
		-36.08	-0.59	-0.01	0.0	100.0	-1699.49	0.73	0.33	0.0	32.83	36.69
1799	4	31.25	27.99	-7.85e-03	0.0	0.0	-1460.92	0.62	0.28	0.0	-0.29	-31.02
		-31.02	-0.29	-0.01	0.0	100.0	-1457.37	0.62	0.28	0.0	27.99	31.25
1799	5	31.25	27.99	-7.85e-03	0.0	0.0	-1460.92	0.62	0.28	0.0	-0.29	-31.02
		-31.02	-0.29	-0.01	0.0	100.0	-1457.37	0.62	0.28	0.0	27.99	31.25
1802	1	35.05	43.20	-0.01	0.0	0.0	-2192.50	0.86	0.41	0.0	2.24	-51.39
		-51.39	2.24	-0.02	0.0	100.0	-2187.88	0.86	0.41	0.0	43.20	35.05
1802	2	28.21	34.83	-0.01	0.0	0.0	-1767.95	0.70	0.33	0.0	1.76	-41.42
		-41.42	1.76	-0.01	0.0	100.0	-1764.39	0.70	0.33	0.0	34.83	28.21
1802	3	26.41	32.53	-0.01	0.0	0.0	-1650.41	0.65	0.31	0.0	1.69	-38.70
		-38.70	1.69	-0.01	0.0	100.0	-1646.86	0.65	0.31	0.0	32.53	26.41
1802	4	22.71	27.96	-9.69e-03	0.0	0.0	-1415.31	0.56	0.26	0.0	1.54	-33.23
		-33.23	1.54	-0.01	0.0	100.0	-1411.76	0.56	0.26	0.0	27.96	22.71
1802	5	22.71	27.96	-9.69e-03	0.0	0.0	-1415.31	0.56	0.26	0.0	1.54	-33.23
		-33.23	1.54	-0.01	0.0	100.0	-1411.76	0.56	0.26	0.0	27.96	22.71
1804	1	38.13	463.91	-0.02	0.0	0.0	-1422.65	0.97	-6.02	0.0	463.91	-58.54
		-58.54	-137.78	-0.03	0.0	100.0	-1418.03	0.97	-6.02	0.0	-137.78	38.13
1804	2	30.84	373.44	-0.01	0.0	0.0	-1146.45	0.78	-4.84	0.0	373.44	-47.14
		-47.14	-110.92	-0.02	0.0	100.0	-1142.90	0.78	-4.84	0.0	-110.92	30.84
1804	3	28.65	349.51	-0.01	0.0	0.0	-1071.23	0.73	-4.53	0.0	349.51	-44.09
		-44.09	-103.83	-0.02	0.0	100.0	-1067.67	0.73	-4.53	0.0	-103.83	28.65
1804	4	24.30	301.58	-9.79e-03	0.0	0.0	-920.72	0.62	-3.91	0.0	301.58	-37.98
		-37.98	-89.58	-0.02	0.0	100.0	-917.17	0.62	-3.91	0.0	-89.58	24.30
1804	5	24.30	301.58	-9.79e-03	0.0	0.0	-920.72	0.62	-3.91	0.0	301.58	-37.98
		-37.98	-89.58	-0.02	0.0	100.0	-917.17	0.62	-3.91	0.0	-89.58	24.30
1805	1	83.44	128.93	0.02	0.0	0.0	-2287.68	-2.15	1.70	0.0	-40.68	83.44
		-131.54	-40.68	-0.03	0.0	100.0	-2283.06	-2.15	1.70	0.0	128.93	-131.54
1805	2	67.28	103.79	0.02	0.0	0.0	-1844.55	-1.74	1.37	0.0	-32.76	67.28
		-106.39	-32.76	-0.03	0.0	100.0	-1840.99	-1.74	1.37	0.0	103.79	-106.39
1805	3	62.82	97.17	0.01	0.0	0.0	-1722.28	-1.62	1.28	0.0	-30.66	62.82
		-98.90	-30.66	-0.03	0.0	100.0	-1718.73	-1.62	1.28	0.0	97.17	-98.90
1805	4	53.89	83.92	0.01	0.0	0.0	-1477.58	-1.38	1.10	0.0	-26.45	53.89
		-83.98	-26.45	-0.02	0.0	100.0	-1474.02	-1.38	1.10	0.0	83.92	-83.98
1805	5	53.89	83.92	0.01	0.0	0.0	-1477.58	-1.38	1.10	0.0	-26.45	53.89
		-83.98	-26.45	-0.02	0.0	100.0	-1474.02	-1.38	1.10	0.0	83.92	-83.98
1806	1	51.77	140.59	-0.02	0.0	0.0	-1840.04	1.14	0.91	0.0	49.73	-61.74
		-61.74	49.73	-0.04	0.0	100.0	-1835.42	1.14	0.91	0.0	140.59	51.77
1806	2	41.84	113.46	-0.01	0.0	0.0	-1482.34	0.92	0.74	0.0	39.84	-49.72
		-49.72	39.84	-0.03	0.0	100.0	-1478.78	0.92	0.74	0.0	113.46	41.84
1806	3	38.91	105.81	-0.01	0.0	0.0	-1385.67	0.85	0.68	0.0	37.55	-46.50
		-46.50	37.55	-0.03	0.0	100.0	-1382.11	0.85	0.68	0.0	105.81	38.91
1806	4	33.08	90.46	-9.77e-03	0.0	0.0	-1192.28	0.73	0.57	0.0	32.97	-40.04
		-40.04	32.97	-0.03	0.0	100.0	-1188.73	0.73	0.57	0.0	90.46	33.08
1806	5	33.08	90.46	-9.77e-03	0.0	0.0	-1192.28	0.73	0.57	0.0	32.97	-40.04
		-40.04	32.97	-0.03	0.0	100.0	-1188.73	0.73	0.57	0.0	90.46	33.08
1807	1	55.32	227.92	0.02	0.0	0.0	-1959.75	-1.30	3.15	0.0	-87.57	55.32
		-74.23	-87.57	-0.06	0.0	100.0	-1955.13	-1.30	3.15	0.0	227.92	-74.23
1807	2	44.56	183.76	0.02	0.0	0.0	-1578.76	-1.04	2.54	0.0	-70.64	44.56
		-59.84	-70.64	-0.05	0.0	100.0	-1575.21	-1.04	2.54	0.0	183.76	-59.84
1807	3	41.66	171.58	0.02	0.0	0.0	-1475.85	-0.98	2.37	0.0	-65.91	41.66
		-55.88	-65.91	-0.04	0.0	100.0	-1472.30	-0.98	2.37	0.0	171.58	-55.88
1807	4	35.87	147.21	0.01	0.0	0.0	-1270.13	-0.84	2.04	0.0	-56.45	35.87
		-47.96	-56.45	-0.04	0.0	100.0	-1266.58	-0.84	2.04	0.0	147.21	-47.96



1807	5	35.87	147.21	0.01	0.0	0.0	-1270.13	-0.84	2.04	0.0	-56.45	35.87
		-47.96	-56.45	-0.04	0.0	100.0	-1266.58	-0.84	2.04	0.0	147.21	-47.96
1808	1	83.50	294.24	0.02	0.0	0.0	-1465.05	-2.15	4.42	0.0	-147.33	83.50
		-131.26	-147.33	-0.14	0.0	100.0	-1460.42	-2.15	4.42	0.0	294.24	-131.26
1808	2	67.33	237.01	0.02	0.0	0.0	-1181.83	-1.73	3.56	0.0	-118.70	67.33
		-106.16	-118.70	-0.12	0.0	100.0	-1178.27	-1.73	3.56	0.0	237.01	-106.16
1808	3	62.87	221.60	0.01	0.0	0.0	-1102.60	-1.62	3.33	0.0	-110.95	62.87
		-98.69	-110.95	-0.11	0.0	100.0	-1099.05	-1.62	3.33	0.0	221.60	-98.69
1808	4	53.94	190.78	0.01	0.0	0.0	-944.21	-1.38	2.86	0.0	-95.43	53.94
		-83.84	-95.43	-0.09	0.0	100.0	-940.65	-1.38	2.86	0.0	190.78	-83.84
1808	5	53.94	190.78	0.01	0.0	0.0	-944.21	-1.38	2.86	0.0	-95.43	53.94
		-83.84	-95.43	-0.09	0.0	100.0	-940.65	-1.38	2.86	0.0	190.78	-83.84
1809	1	51.18	304.74	0.02	0.0	0.0	-1715.40	-1.09	4.19	0.0	-114.27	51.18
		-57.69	-114.27	-0.15	0.0	100.0	-1710.78	-1.09	4.19	0.0	304.74	-57.69
1809	2	41.23	245.56	0.02	0.0	0.0	-1381.93	-0.88	3.38	0.0	-92.15	41.23
		-46.53	-92.15	-0.12	0.0	100.0	-1378.37	-0.88	3.38	0.0	245.56	-46.53
1809	3	38.55	229.47	0.02	0.0	0.0	-1291.82	-0.82	3.15	0.0	-86.02	38.55
		-43.42	-86.02	-0.11	0.0	100.0	-1288.26	-0.82	3.15	0.0	229.47	-43.42
1809	4	33.19	197.27	0.01	0.0	0.0	-1111.62	-0.70	2.71	0.0	-73.74	33.19
		-37.21	-73.74	-0.10	0.0	100.0	-1108.07	-0.70	2.71	0.0	197.27	-37.21
1809	5	33.19	197.27	0.01	0.0	0.0	-1111.62	-0.70	2.71	0.0	-73.74	33.19
		-37.21	-73.74	-0.10	0.0	100.0	-1108.07	-0.70	2.71	0.0	197.27	-37.21
1814	1	-7.50	9.58	-3.05e-03	0.0	0.0	-1506.34	-0.10	0.16	0.0	-6.50	-7.50
		-17.73	-6.50	-0.02	0.0	100.0	-1501.72	-0.10	0.16	0.0	9.58	-17.73
1814	2	-6.00	7.70	-2.44e-03	0.0	0.0	-1215.14	-0.08	0.13	0.0	-5.24	-6.00
		-14.26	-5.24	-0.02	0.0	100.0	-1211.58	-0.08	0.13	0.0	7.70	-14.26
1814	3	-5.66	7.20	-2.30e-03	0.0	0.0	-1133.66	-0.08	0.12	0.0	-4.89	-5.66
		-13.36	-4.89	-0.01	0.0	100.0	-1130.11	-0.08	0.12	0.0	7.20	-13.36
1814	4	-4.97	6.23	-2.01e-03	0.0	0.0	-970.69	-0.07	0.10	0.0	-4.19	-4.97
		-11.58	-4.19	-0.01	0.0	100.0	-967.13	-0.07	0.10	0.0	6.23	-11.58
1814	5	-4.97	6.23	-2.01e-03	0.0	0.0	-970.69	-0.07	0.10	0.0	-4.19	-4.97
		-11.58	-4.19	-0.01	0.0	100.0	-967.13	-0.07	0.10	0.0	6.23	-11.58
1815	1	6.26	27.53	-5.50e-03	0.0	0.0	-2089.67	0.04	-0.74	0.0	27.53	6.26
		2.04	-46.60	-0.01	0.0	100.0	-2085.05	0.04	-0.74	0.0	-46.60	2.04
1815	2	5.03	22.22	-4.42e-03	0.0	0.0	-1684.25	0.03	-0.60	0.0	22.22	5.03
		1.64	-37.54	-0.01	0.0	100.0	-1680.69	0.03	-0.60	0.0	-37.54	1.64
1815	3	4.72	20.74	-4.14e-03	0.0	0.0	-1573.35	0.03	-0.56	0.0	20.74	4.72
		1.54	-35.11	-0.01	0.0	100.0	-1569.80	0.03	-0.56	0.0	-35.11	1.54
1815	4	4.11	17.69	-3.58e-03	0.0	0.0	-1351.41	0.03	-0.48	0.0	17.69	4.11
		1.34	-30.21	-8.87e-03	0.0	100.0	-1347.85	0.03	-0.48	0.0	-30.21	1.34
1815	5	4.11	17.69	-3.58e-03	0.0	0.0	-1351.41	0.03	-0.48	0.0	17.69	4.11
		1.34	-30.21	-8.87e-03	0.0	100.0	-1347.85	0.03	-0.48	0.0	-30.21	1.34
1816	1	7.06	-208.93	-5.50e-03	0.0	0.0	-1493.36	0.05	-4.15	0.0	-208.93	7.06
		1.76	-623.55	0.12	0.0	100.0	-1488.74	0.05	-4.15	0.0	-623.55	1.76
1816	2	5.68	-168.21	-4.42e-03	0.0	0.0	-1203.66	0.04	-3.34	0.0	-168.21	5.68
		1.42	-502.05	0.09	0.0	100.0	-1200.11	0.04	-3.34	0.0	-502.05	1.42
1816	3	5.32	-157.39	-4.14e-03	0.0	0.0	-1124.30	0.04	-3.12	0.0	-157.39	5.32
		1.33	-469.73	0.09	0.0	100.0	-1120.74	0.04	-3.12	0.0	-469.73	1.33
1816	4	4.62	-135.73	-3.58e-03	0.0	0.0	-965.58	0.03	-2.69	0.0	-135.73	4.62
		1.16	-405.03	0.08	0.0	100.0	-962.03	0.03	-2.69	0.0	-405.03	1.16
1816	5	4.62	-135.73	-3.58e-03	0.0	0.0	-965.58	0.03	-2.69	0.0	-135.73	4.62
		1.16	-405.03	0.08	0.0	100.0	-962.03	0.03	-2.69	0.0	-405.03	1.16
1817	1	-1.03	2.06	6.89e-04	0.0	0.0	-1511.19	-0.03	-0.03	0.0	2.06	-1.03
		-4.44	-0.83	-0.02	0.0	100.0	-1506.56	-0.03	-0.03	0.0	-0.83	-4.44
1817	2	-0.82	1.66	5.44e-04	0.0	0.0	-1218.18	-0.03	-0.02	0.0	1.66	-0.82
		-3.56	-0.68	-0.01	0.0	100.0	-1214.62	-0.03	-0.02	0.0	-0.68	-3.56
1817	3	-0.77	1.55	5.26e-04	0.0	0.0	-1137.69	-0.03	-0.02	0.0	1.55	-0.77
		-3.35	-0.62	-0.01	0.0	100.0	-1134.13	-0.03	-0.02	0.0	-0.62	-3.35
1817	4	-0.68	1.35	4.84e-04	0.0	0.0	-976.67	-0.02	-0.02	0.0	1.35	-0.68
		-2.93	-0.51	-0.01	0.0	100.0	-973.12	-0.02	-0.02	0.0	-0.51	-2.93
1817	5	-0.68	1.35	4.84e-04	0.0	0.0	-976.67	-0.02	-0.02	0.0	1.35	-0.68
		-2.93	-0.51	-0.01	0.0	100.0	-973.12	-0.02	-0.02	0.0	-0.51	-2.93
1852	1	-1.29	399.07	6.90e-04	0.0	0.0	-2108.96	-0.02	-5.04	0.0	399.07	-1.29
		-3.68	-104.68	-0.01	0.0	100.0	-2104.33	-0.02	-5.04	0.0	-104.68	-3.68
1852	2	-1.04	321.17	5.44e-04	0.0	0.0	-1700.08	-0.02	-4.05	0.0	321.17	-1.04
		-2.94	-84.27	-0.01	0.0	100.0	-1696.52	-0.02	-4.05	0.0	-84.27	-2.94
1852	3	-0.98	300.65	5.26e-04	0.0	0.0	-1587.69	-0.02	-3.80	0.0	300.65	-0.98
		-2.78	-78.86	-0.01	0.0	100.0	-1584.14	-0.02	-3.80	0.0	-78.86	-2.78
1852	4	-0.85	259.67	4.85e-04	0.0	0.0	-1363.00	-0.02	-3.28	0.0	259.67	-0.85
		-2.44	-68.04	-8.63e-03	0.0	100.0	-1359.44	-0.02	-3.28	0.0	-68.04	-2.44
1852	5	-0.85	259.67	4.85e-04	0.0	0.0	-1363.00	-0.02	-3.28	0.0	259.67	-0.85
		-2.44	-68.04	-8.63e-03	0.0	100.0	-1359.44	-0.02	-3.28	0.0	-68.04	-2.44
1853	1	5.89	23.45	-4.95e-03	0.0	0.0	-2106.47	0.04	-0.71	0.0	23.45	5.89
		1.93	-47.36	-0.01	0.0	100.0	-2101.85	0.04	-0.71	0.0	-47.36	1.93
1853	2	4.73	18.93	-3.98e-03	0.0	0.0	-1697.95	0.03	-0.57	0.0	18.93	4.73
		1.55	-38.14	-0.01	0.0	100.0	-1694.40	0.03	-0.57	0.0	-38.14	1.55
1853	3	4.44	17.67	-3.73e-03	0.0	0.0	-1585.88	0.03	-0.53	0.0	17.67	4.44



1853	4	1.46	-35.69	-0.01	0.0	100.0	-1582.32	0.03	-0.53	0.0	-35.69	4.44
		3.87	15.05	-3.22e-03	0.0	0.0	-1361.57	0.03	-0.46	0.0	15.05	1.26
		1.26	-30.74	-8.73e-03	0.0	100.0	-1358.01	0.03	-0.46	0.0	-30.74	3.87
1853	5	3.87	15.05	-3.22e-03	0.0	0.0	-1361.57	0.03	-0.46	0.0	15.05	1.26
		1.26	-30.74	-8.73e-03	0.0	100.0	-1358.01	0.03	-0.46	0.0	-30.74	3.87
1854	1	6.67	-206.92	-4.95e-03	0.0	0.0	-1516.32	0.05	-4.20	0.0	-206.92	1.66
		1.66	-626.54	0.12	0.0	100.0	-1511.69	0.05	-4.20	0.0	-626.54	6.67
1854	2	5.36	-166.60	-3.98e-03	0.0	0.0	-1222.27	0.04	-3.38	0.0	-166.60	1.33
		1.33	-504.45	0.09	0.0	100.0	-1218.72	0.04	-3.38	0.0	-504.45	5.36
1854	3	5.03	-155.88	-3.73e-03	0.0	0.0	-1141.52	0.04	-3.16	0.0	-155.88	1.25
		1.25	-471.98	0.09	0.0	100.0	-1137.96	0.04	-3.16	0.0	-471.98	5.03
1854	4	4.37	-134.43	-3.22e-03	0.0	0.0	-979.97	0.03	-2.73	0.0	-134.43	1.09
		1.09	-406.98	0.08	0.0	100.0	-976.42	0.03	-2.73	0.0	-406.98	4.37
1854	5	4.37	-134.43	-3.22e-03	0.0	0.0	-979.97	0.03	-2.73	0.0	-134.43	1.09
		1.09	-406.98	0.08	0.0	100.0	-976.42	0.03	-2.73	0.0	-406.98	4.37
1857	1	48.13	1.96	5.14e-03	0.0	0.0	-1573.69	2.94	-0.03	0.0	1.96	-246.25
		-246.25	-0.71	-0.02	0.0	100.0	-1569.06	2.94	-0.03	0.0	-0.71	48.13
1857	2	38.70	1.58	4.13e-03	0.0	0.0	-1267.86	2.37	-0.02	0.0	1.58	-198.04
		-198.04	-0.57	-0.01	0.0	100.0	-1264.30	2.37	-0.02	0.0	-0.57	38.70
1857	3	36.27	1.48	3.87e-03	0.0	0.0	-1185.03	2.22	-0.02	0.0	1.48	-185.59
		-185.59	-0.53	-0.01	0.0	100.0	-1181.47	2.22	-0.02	0.0	-0.53	36.27
1857	4	31.42	1.28	3.36e-03	0.0	0.0	-1019.37	1.92	-0.02	0.0	1.28	-160.72
		-160.72	-0.43	-0.01	0.0	100.0	-1015.81	1.92	-0.02	0.0	-0.43	31.42
1857	5	31.42	1.28	3.36e-03	0.0	0.0	-1019.37	1.92	-0.02	0.0	1.28	-160.72
		-160.72	-0.43	-0.01	0.0	100.0	-1015.81	1.92	-0.02	0.0	-0.43	31.42
1858	1	48.60	402.21	5.18e-03	0.0	0.0	-2096.51	2.96	-5.08	0.0	402.21	-247.47
		-247.47	-105.43	-0.01	0.0	100.0	-2091.89	2.96	-5.08	0.0	-105.43	48.60
1858	2	39.08	323.69	4.17e-03	0.0	0.0	-1688.60	2.38	-4.09	0.0	323.69	-199.02
		-199.02	-84.87	-0.01	0.0	100.0	-1685.05	2.38	-4.09	0.0	-84.87	39.08
1858	3	36.63	303.02	3.91e-03	0.0	0.0	-1578.93	2.23	-3.82	0.0	303.02	-186.51
		-186.51	-79.42	-0.01	0.0	100.0	-1575.37	2.23	-3.82	0.0	-79.42	36.63
1858	4	31.72	261.73	3.38e-03	0.0	0.0	-1359.73	1.93	-3.30	0.0	261.73	-161.52
		-161.52	-68.53	-8.63e-03	0.0	100.0	-1356.18	1.93	-3.30	0.0	-68.53	31.72
1858	5	31.72	261.73	3.38e-03	0.0	0.0	-1359.73	1.93	-3.30	0.0	261.73	-161.52
		-161.52	-68.53	-8.63e-03	0.0	100.0	-1356.18	1.93	-3.30	0.0	-68.53	31.72
1859	1	281.97	19.96	-6.16e-03	0.0	0.0	-1963.46	-3.44	-0.69	0.0	19.96	281.97
		-61.84	-49.00	-0.01	0.0	100.0	-1958.84	-3.44	-0.69	0.0	-49.00	-61.84
1859	2	226.99	16.12	-4.96e-03	0.0	0.0	-1581.55	-2.77	-0.56	0.0	16.12	226.99
		-49.80	-39.47	-0.01	0.0	100.0	-1577.99	-2.77	-0.56	0.0	-39.47	-49.80
1859	3	212.42	15.05	-4.64e-03	0.0	0.0	-1478.79	-2.59	-0.52	0.0	15.05	212.42
		-46.57	-36.93	-9.95e-03	0.0	100.0	-1475.24	-2.59	-0.52	0.0	-36.93	-46.57
1859	4	183.29	12.79	-4.00e-03	0.0	0.0	-1272.97	-2.23	-0.45	0.0	12.79	183.29
		-40.13	-31.81	-8.58e-03	0.0	100.0	-1269.42	-2.23	-0.45	0.0	-31.81	-40.13
1859	5	183.29	12.79	-4.00e-03	0.0	0.0	-1272.97	-2.23	-0.45	0.0	12.79	183.29
		-40.13	-31.81	-8.58e-03	0.0	100.0	-1269.42	-2.23	-0.45	0.0	-31.81	-40.13
1862	1	280.61	-204.36	-6.11e-03	0.0	0.0	-1574.39	-3.42	-4.26	0.0	-204.36	280.61
		-61.42	-630.34	0.12	0.0	100.0	-1569.77	-3.42	-4.26	0.0	-630.34	-61.42
1862	2	225.90	-164.53	-4.92e-03	0.0	0.0	-1268.52	-2.75	-3.43	0.0	-164.53	225.90
		-49.46	-507.51	0.09	0.0	100.0	-1264.97	-2.75	-3.43	0.0	-507.51	-49.46
1862	3	211.40	-153.95	-4.60e-03	0.0	0.0	-1185.56	-2.58	-3.21	0.0	-153.95	211.40
		-46.26	-474.84	0.09	0.0	100.0	-1182.01	-2.58	-3.21	0.0	-474.84	-46.26
1862	4	182.41	-132.76	-3.97e-03	0.0	0.0	-1019.57	-2.22	-2.77	0.0	-132.76	182.41
		-39.87	-409.45	0.08	0.0	100.0	-1016.01	-2.22	-2.77	0.0	-409.45	-39.87
1862	5	182.41	-132.76	-3.97e-03	0.0	0.0	-1019.57	-2.22	-2.77	0.0	-132.76	182.41
		-39.87	-409.45	0.08	0.0	100.0	-1016.01	-2.22	-2.77	0.0	-409.45	-39.87
1863	1	88.45	1.87	8.72e-03	0.0	0.0	-1591.96	5.13	-0.02	0.0	1.87	-424.30
		-424.30	-0.57	-0.02	0.0	100.0	-1587.34	5.13	-0.02	0.0	-0.57	88.45
1863	2	71.33	1.51	7.03e-03	0.0	0.0	-1282.40	4.13	-0.02	0.0	1.51	-342.08
		-342.08	-0.46	-0.01	0.0	100.0	-1278.84	4.13	-0.02	0.0	-0.46	71.33
1863	3	66.59	1.41	6.56e-03	0.0	0.0	-1198.91	3.86	-0.02	0.0	1.41	-319.49
		-319.49	-0.42	-0.01	0.0	100.0	-1195.36	3.86	-0.02	0.0	-0.42	66.59
1863	4	57.13	1.23	5.64e-03	0.0	0.0	-1031.77	3.32	-0.02	0.0	1.23	-274.38
		-274.38	-0.34	-0.01	0.0	100.0	-1028.22	3.32	-0.02	0.0	-0.34	57.13
1863	5	57.13	1.23	5.64e-03	0.0	0.0	-1031.77	3.32	-0.02	0.0	1.23	-274.38
		-274.38	-0.34	-0.01	0.0	100.0	-1028.22	3.32	-0.02	0.0	-0.34	57.13
1864	1	88.70	399.06	8.80e-03	0.0	0.0	-2316.87	5.15	-5.04	0.0	399.06	-426.20
		-426.20	-104.57	-0.01	0.0	100.0	-2312.25	5.15	-5.04	0.0	-104.57	88.70
1864	2	71.53	321.16	7.09e-03	0.0	0.0	-1866.27	4.15	-4.05	0.0	321.16	-343.61
		-343.61	-84.17	-0.01	0.0	100.0	-1862.71	4.15	-4.05	0.0	-84.17	71.53
1864	3	66.78	300.65	6.63e-03	0.0	0.0	-1744.89	3.88	-3.79	0.0	300.65	-320.92
		-320.92	-78.77	-9.91e-03	0.0	100.0	-1741.34	3.88	-3.79	0.0	-78.77	66.78
1864	4	57.30	259.69	5.69e-03	0.0	0.0	-1502.05	3.33	-3.28	0.0	259.69	-275.61
		-275.61	-67.98	-8.55e-03	0.0	100.0	-1498.50	3.33	-3.28	0.0	-67.98	57.30
1864	5	57.30	259.69	5.69e-03	0.0	0.0	-1502.05	3.33	-3.28	0.0	259.69	-275.61
		-275.61	-67.98	-8.55e-03	0.0	100.0	-1498.50	3.33	-3.28	0.0	-67.98	57.30
1866	1	-3.68	6.51	-9.78e-04	0.0	0.0	-2097.63	-0.05	1.11	0.0	-104.68	-3.68
		-8.35	-104.68	-0.01	0.0	100.0	-2093.01	-0.05	1.11	0.0	6.51	-8.35

1866	2	-2.94	5.20	-7.92e-04	0.0	0.0	-1691.37	-0.04	0.89	0.0	-84.27	-2.94
		-6.70	-84.27	-9.95e-03	0.0	100.0	-1687.81	-0.04	0.89	0.0	5.20	-6.70
1866	3	-2.78	4.91	-7.33e-04	0.0	0.0	-1578.98	-0.04	0.84	0.0	-78.86	-2.78
		-6.30	-78.86	-9.30e-03	0.0	100.0	-1575.43	-0.04	0.84	0.0	4.91	-6.30
1866	4	-2.44	4.29	-6.20e-04	0.0	0.0	-1354.29	-0.03	0.72	0.0	-68.04	-2.44
		-5.50	-68.04	-7.99e-03	0.0	100.0	-1350.73	-0.03	0.72	0.0	4.29	-5.50
1866	5	-2.44	4.29	-6.20e-04	0.0	0.0	-1354.29	-0.03	0.72	0.0	-68.04	-2.44
		-5.50	-68.04	-7.99e-03	0.0	100.0	-1350.73	-0.03	0.72	0.0	4.29	-5.50
1870	1	442.38	18.84	-8.72e-03	0.0	0.0	-2462.89	-5.36	-0.70	0.0	18.84	442.38
		-93.63	-51.51	-0.01	0.0	100.0	-2458.26	-5.36	-0.70	0.0	-51.51	-93.63
1870	2	355.77	15.22	-7.01e-03	0.0	0.0	-1983.87	-4.31	-0.57	0.0	15.22	355.77
		-75.31	-41.49	-9.67e-03	0.0	100.0	-1980.31	-4.31	-0.57	0.0	-41.49	-75.31
1870	3	333.41	14.20	-6.57e-03	0.0	0.0	-1855.01	-4.04	-0.53	0.0	14.20	333.41
		-70.56	-38.82	-9.04e-03	0.0	100.0	-1851.46	-4.04	-0.53	0.0	-38.82	-70.56
1870	4	288.51	12.06	-5.69e-03	0.0	0.0	-1597.07	-3.50	-0.45	0.0	12.06	288.51
		-61.04	-33.42	-7.79e-03	0.0	100.0	-1593.51	-3.50	-0.45	0.0	-33.42	-61.04
1870	5	288.51	12.06	-5.69e-03	0.0	0.0	-1597.07	-3.50	-0.45	0.0	12.06	288.51
		-61.04	-33.42	-7.79e-03	0.0	100.0	-1593.51	-3.50	-0.45	0.0	-33.42	-61.04
1871	1	440.50	-201.19	-8.63e-03	0.0	0.0	-1548.08	-5.34	-4.34	0.0	-201.19	440.50
		-93.71	-634.99	0.12	0.0	100.0	-1543.46	-5.34	-4.34	0.0	-634.99	-93.71
1871	2	354.26	-161.98	-6.94e-03	0.0	0.0	-1247.33	-4.30	-3.49	0.0	-161.98	354.26
		-75.37	-511.25	0.09	0.0	100.0	-1243.77	-4.30	-3.49	0.0	-511.25	-75.37
1871	3	332.00	-151.56	-6.50e-03	0.0	0.0	-1165.75	-4.03	-3.27	0.0	-151.56	332.00
		-70.62	-478.34	0.09	0.0	100.0	-1162.20	-4.03	-3.27	0.0	-478.34	-70.62
1871	4	287.29	-130.70	-5.63e-03	0.0	0.0	-1002.63	-3.48	-2.82	0.0	-130.70	287.29
		-61.09	-412.47	0.08	0.0	100.0	-999.08	-3.48	-2.82	0.0	-412.47	-61.09
1871	5	287.29	-130.70	-5.63e-03	0.0	0.0	-1002.63	-3.48	-2.82	0.0	-130.70	287.29
		-61.09	-412.47	0.08	0.0	100.0	-999.08	-3.48	-2.82	0.0	-412.47	-61.09
1872	1	-1.35	1.78	2.73e-03	0.0	0.0	-1528.99	-0.04	-0.02	0.0	1.78	-1.35
		-5.55	-0.39	-0.02	0.0	100.0	-1524.37	-0.04	-0.02	0.0	-0.39	-5.55
1872	2	-1.08	1.43	2.19e-03	0.0	0.0	-1232.56	-0.03	-0.02	0.0	1.43	-1.08
		-4.45	-0.32	-0.01	0.0	100.0	-1229.00	-0.03	-0.02	0.0	-0.32	-4.45
1872	3	-1.02	1.34	2.06e-03	0.0	0.0	-1151.09	-0.03	-0.02	0.0	1.34	-1.02
		-4.18	-0.29	-0.01	0.0	100.0	-1147.53	-0.03	-0.02	0.0	-0.29	-4.18
1872	4	-0.89	1.17	1.80e-03	0.0	0.0	-988.11	-0.03	-0.01	0.0	1.17	-0.89
		-3.65	-0.23	-0.01	0.0	100.0	-984.55	-0.03	-0.01	0.0	-0.23	-3.65
1872	5	-0.89	1.17	1.80e-03	0.0	0.0	-988.11	-0.03	-0.01	0.0	1.17	-0.89
		-3.65	-0.23	-0.01	0.0	100.0	-984.55	-0.03	-0.01	0.0	-0.23	-3.65
1875	1	-1.61	394.98	2.73e-03	0.0	0.0	-2150.45	-0.03	-4.96	0.0	394.98	-1.61
		-4.80	-101.50	-0.01	0.0	100.0	-2145.83	-0.03	-4.96	0.0	-101.50	-4.80
1875	2	-1.29	317.87	2.19e-03	0.0	0.0	-1733.58	-0.03	-4.00	0.0	317.87	-1.29
		-3.85	-81.70	-0.01	0.0	100.0	-1730.03	-0.03	-4.00	0.0	-81.70	-3.85
1875	3	-1.21	297.58	2.06e-03	0.0	0.0	-1618.89	-0.02	-3.74	0.0	297.58	-1.21
		-3.62	-76.46	-9.98e-03	0.0	100.0	-1615.33	-0.02	-3.74	0.0	-76.46	-3.62
1875	4	-1.06	257.06	1.80e-03	0.0	0.0	-1389.51	-0.02	-3.23	0.0	257.06	-1.06
		-3.17	-66.00	-8.62e-03	0.0	100.0	-1385.96	-0.02	-3.23	0.0	-66.00	-3.17
1875	5	-1.06	257.06	1.80e-03	0.0	0.0	-1389.51	-0.02	-3.23	0.0	257.06	-1.06
		-3.17	-66.00	-8.62e-03	0.0	100.0	-1385.96	-0.02	-3.23	0.0	-66.00	-3.17
1876	1	4.97	18.21	-3.06e-03	0.0	0.0	-2160.40	0.03	-0.76	0.0	18.21	4.97
		1.69	-58.17	-0.01	0.0	100.0	-2155.78	0.03	-0.76	0.0	-58.17	1.69
1876	2	3.99	14.71	-2.46e-03	0.0	0.0	-1741.44	0.03	-0.62	0.0	14.71	3.99
		1.35	-46.84	-8.88e-03	0.0	100.0	-1737.88	0.03	-0.62	0.0	-46.84	1.35
1876	3	3.75	13.72	-2.30e-03	0.0	0.0	-1626.39	0.02	-0.58	0.0	13.72	3.75
		1.27	-43.83	-8.30e-03	0.0	100.0	-1622.83	0.02	-0.58	0.0	-43.83	1.27
1876	4	3.27	11.66	-2.00e-03	0.0	0.0	-1396.54	0.02	-0.49	0.0	11.66	3.27
		1.11	-37.77	-7.15e-03	0.0	100.0	-1392.99	0.02	-0.49	0.0	-37.77	1.11
1876	5	3.27	11.66	-2.00e-03	0.0	0.0	-1396.54	0.02	-0.49	0.0	11.66	3.27
		1.11	-37.77	-7.15e-03	0.0	100.0	-1392.99	0.02	-0.49	0.0	-37.77	1.11
1877	1	5.80	-197.33	-3.06e-03	0.0	0.0	-1517.89	0.04	-4.43	0.0	-197.33	5.80
		1.39	-640.61	0.12	0.0	100.0	-1513.26	0.04	-4.43	0.0	-640.61	1.39
1877	2	4.66	-158.87	-2.46e-03	0.0	0.0	-1223.58	0.04	-3.57	0.0	-158.87	4.66
		1.12	-515.78	0.09	0.0	100.0	-1220.03	0.04	-3.57	0.0	-515.78	1.12
1877	3	4.38	-148.65	-2.30e-03	0.0	0.0	-1142.68	0.03	-3.34	0.0	-148.65	4.38
		1.05	-482.58	0.09	0.0	100.0	-1139.12	0.03	-3.34	0.0	-482.58	1.05
1877	4	3.81	-128.20	-2.00e-03	0.0	0.0	-981.00	0.03	-2.88	0.0	-128.20	3.81
		0.92	-416.13	0.08	0.0	100.0	-977.44	0.03	-2.88	0.0	-416.13	0.92
1877	5	3.81	-128.20	-2.00e-03	0.0	0.0	-981.00	0.03	-2.88	0.0	-128.20	3.81
		0.92	-416.13	0.08	0.0	100.0	-977.44	0.03	-2.88	0.0	-416.13	0.92
1885	1	12.89	-26.37	-2.76e-03	0.0	0.0	-2078.35	0.07	0.20	0.0	-26.37	12.89
		6.26	-46.60	-0.03	0.0	100.0	-2073.72	0.07	0.20	0.0	-46.60	6.26
1885	2	10.37	-21.23	-2.22e-03	0.0	0.0	-1675.54	0.05	0.16	0.0	-21.23	10.37
		5.03	-37.54	-0.02	0.0	100.0	-1671.98	0.05	0.16	0.0	-37.54	5.03
1885	3	9.72	-19.88	-2.08e-03	0.0	0.0	-1564.64	0.05	0.15	0.0	-19.88	9.72
		4.72	-35.11	-0.02	0.0	100.0	-1561.08	0.05	0.15	0.0	-35.11	4.72
1885	4	8.43	-17.17	-1.78e-03	0.0	0.0	-1342.70	0.04	0.13	0.0	-17.17	8.43
		4.11	-30.21	-0.02	0.0	100.0	-1339.14	0.04	0.13	0.0	-30.21	4.11
1885	5	8.43	-17.17	-1.78e-03	0.0	0.0	-1342.70	0.04	0.13	0.0	-17.17	8.43

1886	1	4.11	-30.21	-0.02	0.0	100.0	-1339.14	0.04	0.13	0.0	-17.17	8.43
		9.95	-150.21	-2.76e-03	0.0	0.0	-1482.04	0.03	4.73	0.0	-623.55	7.06
		7.06	-623.55	-0.08	0.0	100.0	-1477.41	0.03	4.73	0.0	-150.21	9.95
1886	2	7.99	-121.01	-2.23e-03	0.0	0.0	-1194.95	0.02	3.81	0.0	-502.05	5.68
		5.68	-502.05	-0.06	0.0	100.0	-1191.39	0.02	3.81	0.0	-121.01	7.99
1886	3	7.51	-113.13	-2.08e-03	0.0	0.0	-1115.59	0.02	3.57	0.0	-469.73	5.32
		5.32	-469.73	-0.06	0.0	100.0	-1112.03	0.02	3.57	0.0	-113.13	7.51
1886	4	6.54	-97.33	-1.78e-03	0.0	0.0	-956.87	0.02	3.08	0.0	-405.03	4.62
		4.62	-405.03	-0.05	0.0	100.0	-953.31	0.02	3.08	0.0	-97.33	6.54
1886	5	6.54	-97.33	-1.78e-03	0.0	0.0	-956.87	0.02	3.08	0.0	-405.03	4.62
		4.62	-405.03	-0.05	0.0	100.0	-953.31	0.02	3.08	0.0	-97.33	6.54
1887	1	-4.44	-0.83	-9.77e-04	0.0	0.0	-1499.86	-0.01	-0.04	0.0	-0.83	-4.44
		-5.56	-5.23	-0.02	0.0	100.0	-1495.24	-0.01	-0.04	0.0	-5.23	-5.56
1887	2	-3.56	-0.68	-7.91e-04	0.0	0.0	-1209.47	-8.86e-03	-0.04	0.0	-0.68	-3.56
		-4.44	-4.21	-0.01	0.0	100.0	-1205.91	-8.86e-03	-0.04	0.0	-4.21	-4.44
1887	3	-3.35	-0.62	-7.32e-04	0.0	0.0	-1128.97	-8.51e-03	-0.03	0.0	-0.62	-3.35
		-4.20	-3.93	-0.01	0.0	100.0	-1125.42	-8.51e-03	-0.03	0.0	-3.93	-4.20
1887	4	-2.93	-0.51	-6.19e-04	0.0	0.0	-967.96	-7.80e-03	-0.03	0.0	-0.51	-2.93
		-3.71	-3.36	-0.01	0.0	100.0	-964.41	-7.80e-03	-0.03	0.0	-3.36	-3.71
1887	5	-2.93	-0.51	-6.19e-04	0.0	0.0	-967.96	-7.80e-03	-0.03	0.0	-0.51	-2.93
		-3.71	-3.36	-0.01	0.0	100.0	-964.41	-7.80e-03	-0.03	0.0	-3.36	-3.71
1901	1	-7.39	46.45	-3.04e-03	0.0	0.0	-2127.80	0.03	0.47	0.0	-0.69	-10.24
		-10.24	-0.69	-0.02	0.0	100.0	-2123.17	0.03	0.47	0.0	46.45	-7.39
1901	2	-5.90	37.48	-2.44e-03	0.0	0.0	-1716.16	0.02	0.38	0.0	-0.62	-8.22
		-8.22	-0.62	-0.01	0.0	100.0	-1712.60	0.02	0.38	0.0	37.48	-5.90
1901	3	-5.59	34.97	-2.29e-03	0.0	0.0	-1601.46	0.02	0.35	0.0	-0.50	-7.72
		-7.72	-0.50	-0.01	0.0	100.0	-1597.91	0.02	0.35	0.0	34.97	-5.59
1901	4	-4.99	29.95	-2.00e-03	0.0	0.0	-1372.09	0.02	0.30	0.0	-0.29	-6.72
		-6.72	-0.29	-0.01	0.0	100.0	-1368.53	0.02	0.30	0.0	29.95	-4.99
1901	5	-4.99	29.95	-2.00e-03	0.0	0.0	-1372.09	0.02	0.30	0.0	-0.29	-6.72
		-6.72	-0.29	-0.01	0.0	100.0	-1368.53	0.02	0.30	0.0	29.95	-4.99
1906	1	53.51	86.80	0.01	0.0	0.0	-2001.40	-1.01	1.08	0.0	-21.33	53.51
		-47.43	-21.33	-0.03	0.0	100.0	-1996.77	-1.01	1.08	0.0	86.80	-47.43
1906	2	43.07	69.77	0.01	0.0	0.0	-1612.65	-0.81	0.87	0.0	-17.14	43.07
		-38.29	-17.14	-0.02	0.0	100.0	-1609.10	-0.81	0.87	0.0	69.77	-38.29
1906	3	40.32	65.46	9.70e-03	0.0	0.0	-1507.14	-0.76	0.82	0.0	-16.09	40.32
		-35.68	-16.09	-0.02	0.0	100.0	-1503.59	-0.76	0.82	0.0	65.46	-35.68
1906	4	34.80	56.85	8.40e-03	0.0	0.0	-1295.90	-0.65	0.71	0.0	-13.98	34.80
		-30.46	-13.98	-0.02	0.0	100.0	-1292.35	-0.65	0.71	0.0	56.85	-30.46
1906	5	34.80	56.85	8.40e-03	0.0	0.0	-1295.90	-0.65	0.71	0.0	-13.98	34.80
		-30.46	-13.98	-0.02	0.0	100.0	-1292.35	-0.65	0.71	0.0	56.85	-30.46
1907	1	12.19	-30.13	-2.37e-03	0.0	0.0	-2095.15	0.06	0.17	0.0	-47.36	5.89
		5.89	-47.36	-0.03	0.0	100.0	-2090.52	0.06	0.17	0.0	-30.13	12.19
1907	2	9.80	-24.30	-1.91e-03	0.0	0.0	-1689.24	0.05	0.14	0.0	-38.14	4.73
		4.73	-38.14	-0.02	0.0	100.0	-1685.68	0.05	0.14	0.0	-24.30	9.80
1907	3	9.19	-22.70	-1.78e-03	0.0	0.0	-1577.17	0.05	0.13	0.0	-35.69	4.44
		4.44	-35.69	-0.02	0.0	100.0	-1573.61	0.05	0.13	0.0	-22.70	9.19
1907	4	7.98	-19.51	-1.53e-03	0.0	0.0	-1352.86	0.04	0.11	0.0	-30.74	3.87
		3.87	-30.74	-0.02	0.0	100.0	-1349.30	0.04	0.11	0.0	-19.51	7.98
1907	5	7.98	-19.51	-1.53e-03	0.0	0.0	-1352.86	0.04	0.11	0.0	-30.74	3.87
		3.87	-30.74	-0.02	0.0	100.0	-1349.30	0.04	0.11	0.0	-19.51	7.98
1910	1	9.33	-149.55	-2.37e-03	0.0	0.0	-1504.99	0.03	4.77	0.0	-626.54	6.67
		6.67	-626.54	-0.08	0.0	100.0	-1500.37	0.03	4.77	0.0	-149.55	9.33
1910	2	7.49	-120.49	-1.91e-03	0.0	0.0	-1213.56	0.02	3.84	0.0	-504.45	5.36
		5.36	-504.45	-0.06	0.0	100.0	-1210.01	0.02	3.84	0.0	-120.49	7.49
1910	3	7.04	-112.63	-1.78e-03	0.0	0.0	-1132.81	0.02	3.59	0.0	-471.98	5.03
		5.03	-471.98	-0.06	0.0	100.0	-1129.25	0.02	3.59	0.0	-112.63	7.04
1910	4	6.14	-96.90	-1.53e-03	0.0	0.0	-971.26	0.02	3.10	0.0	-406.98	4.37
		4.37	-406.98	-0.05	0.0	100.0	-967.71	0.02	3.10	0.0	-96.90	6.14
1910	5	6.14	-96.90	-1.53e-03	0.0	0.0	-971.26	0.02	3.10	0.0	-406.98	4.37
		4.37	-406.98	-0.05	0.0	100.0	-967.71	0.02	3.10	0.0	-96.90	6.14
1911	1	48.13	-0.71	-6.99e-03	0.0	0.0	-1538.89	-0.88	-0.05	0.0	-0.71	48.13
		-39.79	-5.58	-0.02	0.0	100.0	-1534.27	-0.88	-0.05	0.0	-5.58	-39.79
1911	2	38.70	-0.57	-5.62e-03	0.0	0.0	-1240.51	-0.71	-0.04	0.0	-0.57	38.70
		-32.06	-4.50	-0.01	0.0	100.0	-1236.95	-0.71	-0.04	0.0	-4.50	-32.06
1911	3	36.27	-0.53	-5.26e-03	0.0	0.0	-1158.52	-0.66	-0.04	0.0	-0.53	36.27
		-29.96	-4.20	-0.01	0.0	100.0	-1154.97	-0.66	-0.04	0.0	-4.20	-29.96
1911	4	31.42	-0.43	-4.54e-03	0.0	0.0	-994.54	-0.57	-0.03	0.0	-0.43	31.42
		-25.78	-3.59	-0.01	0.0	100.0	-990.98	-0.57	-0.03	0.0	-3.59	-25.78
1911	5	31.42	-0.43	-4.54e-03	0.0	0.0	-994.54	-0.57	-0.03	0.0	-0.43	31.42
		-25.78	-3.59	-0.01	0.0	100.0	-990.98	-0.57	-0.03	0.0	-3.59	-25.78
1912	1	84.60	-179.65	8.61e-03	0.0	0.0	-1676.25	4.64	-4.24	0.0	-179.65	-379.24
		-379.24	-604.04	0.04	0.0	100.0	-1671.63	4.64	-4.24	0.0	-604.04	84.60
1912	2	68.00	-144.61	6.92e-03	0.0	0.0	-1349.91	3.73	-3.42	0.0	-144.61	-304.79
		-304.79	-486.22	0.03	0.0	100.0	-1346.35	3.73	-3.42	0.0	-486.22	68.00
1912	3	63.75	-135.35	6.49e-03	0.0	0.0	-1262.50	3.50	-3.20	0.0	-135.35	-285.80
		-285.80	-455.08	0.03	0.0	100.0	-1258.95	3.50	-3.20	0.0	-455.08	63.75

1912	4	55.29	-116.81	5.63e-03	0.0	0.0	-1087.75	3.03	-2.76	0.0	-116.81	-248.06
		-248.06	-392.74	0.03	0.0	100.0	-1084.20	3.03	-2.76	0.0	-392.74	55.29
1912	5	55.29	-116.81	5.63e-03	0.0	0.0	-1087.75	3.03	-2.76	0.0	-116.81	-248.06
		-248.06	-392.74	0.03	0.0	100.0	-1084.20	3.03	-2.76	0.0	-392.74	55.29
1913	1	84.60	495.72	-4.62e-03	0.0	0.0	-1632.30	-1.34	11.00	0.0	-604.04	84.60
		-49.70	-604.04	-0.11	0.0	100.0	-1627.68	-1.34	11.00	0.0	495.72	-49.70
1913	2	68.00	399.05	-3.71e-03	0.0	0.0	-1315.21	-1.08	8.85	0.0	-486.22	68.00
		-40.00	-486.22	-0.09	0.0	100.0	-1311.66	-1.08	8.85	0.0	399.05	-40.00
1913	3	63.75	373.48	-3.48e-03	0.0	0.0	-1229.10	-1.01	8.29	0.0	-455.08	63.75
		-37.44	-455.08	-0.08	0.0	100.0	-1225.54	-1.01	8.29	0.0	373.48	-37.44
1913	4	55.29	322.27	-3.03e-03	0.0	0.0	-1056.91	-0.88	7.15	0.0	-392.74	55.29
		-32.35	-392.74	-0.07	0.0	100.0	-1053.36	-0.88	7.15	0.0	322.27	-32.35
1913	5	55.29	322.27	-3.03e-03	0.0	0.0	-1056.91	-0.88	7.15	0.0	-392.74	55.29
		-32.35	-392.74	-0.07	0.0	100.0	-1053.36	-0.88	7.15	0.0	322.27	-32.35
1914	1	30.96	495.72	-0.01	0.0	0.0	-1599.29	0.81	-6.44	0.0	495.72	-49.70
		-49.70	-148.38	-0.03	0.0	100.0	-1594.67	0.81	-6.44	0.0	-148.38	30.96
1914	2	25.03	399.05	-8.29e-03	0.0	0.0	-1289.32	0.65	-5.18	0.0	399.05	-40.00
		-40.00	-119.45	-0.02	0.0	100.0	-1285.76	0.65	-5.18	0.0	-119.45	25.03
1914	3	23.28	373.48	-7.78e-03	0.0	0.0	-1203.94	0.61	-4.85	0.0	373.48	-37.44
		-37.44	-111.82	-0.02	0.0	100.0	-1200.38	0.61	-4.85	0.0	-111.82	23.28
1914	4	19.77	322.27	-6.75e-03	0.0	0.0	-1033.22	0.52	-4.19	0.0	322.27	-32.35
		-32.35	-96.47	-0.02	0.0	100.0	-1029.67	0.52	-4.19	0.0	-96.47	19.77
1914	5	19.77	322.27	-6.75e-03	0.0	0.0	-1033.22	0.52	-4.19	0.0	322.27	-32.35
		-32.35	-96.47	-0.02	0.0	100.0	-1029.67	0.52	-4.19	0.0	-96.47	19.77
1915	1	30.96	71.89	-4.61e-03	0.0	0.0	-1562.57	-0.31	2.75	0.0	-148.38	30.96
		5.96	-148.38	-0.02	0.0	80.0	-1558.87	-0.31	2.75	0.0	71.89	5.96
1915	2	25.03	57.80	-3.69e-03	0.0	0.0	-1260.42	-0.26	2.22	0.0	-119.45	25.03
		4.61	-119.45	-0.02	0.0	80.0	-1257.57	-0.26	2.22	0.0	57.80	4.61
1915	3	23.28	54.23	-3.48e-03	0.0	0.0	-1175.99	-0.23	2.08	0.0	-111.82	23.28
		4.55	-111.82	-0.01	0.0	80.0	-1173.14	-0.23	2.08	0.0	54.23	4.55
1915	4	19.77	46.97	-3.08e-03	0.0	0.0	-1007.16	-0.19	1.79	0.0	-96.47	19.77
		4.47	-96.47	-0.01	0.0	80.0	-1004.31	-0.19	1.79	0.0	46.97	4.47
1915	5	19.77	46.97	-3.08e-03	0.0	0.0	-1007.16	-0.19	1.79	0.0	-96.47	19.77
		4.47	-96.47	-0.01	0.0	80.0	-1004.31	-0.19	1.79	0.0	46.97	4.47
1916	1	22.21	71.89	-1.40e-03	0.0	0.0	-1464.29	0.16	-0.75	0.0	71.89	5.96
		5.96	-3.40	-0.01	0.0	100.0	-1459.67	0.16	-0.75	0.0	-3.40	22.21
1916	2	17.88	57.80	-1.13e-03	0.0	0.0	-1181.98	0.13	-0.60	0.0	57.80	4.61
		4.61	-2.68	-0.01	0.0	100.0	-1178.42	0.13	-0.60	0.0	-2.68	17.88
1916	3	16.73	54.23	-1.06e-03	0.0	0.0	-1101.72	0.12	-0.57	0.0	54.23	4.55
		4.55	-2.59	-0.01	0.0	100.0	-1098.16	0.12	-0.57	0.0	-2.59	16.73
1916	4	14.44	46.97	-9.03e-04	0.0	0.0	-941.08	0.10	-0.49	0.0	46.97	4.47
		4.47	-2.39	-9.41e-03	0.0	100.0	-937.53	0.10	-0.49	0.0	-2.39	14.44
1916	5	14.44	46.97	-9.03e-04	0.0	0.0	-941.08	0.10	-0.49	0.0	46.97	4.47
		4.47	-2.39	-9.41e-03	0.0	100.0	-937.53	0.10	-0.49	0.0	-2.39	14.44
1917	1	38.46	-3.40	8.05e-03	0.0	0.0	-1455.51	0.16	-0.02	0.0	-3.40	22.21
		22.21	-5.84	-0.01	0.0	100.0	-1450.89	0.16	-0.02	0.0	-5.84	38.46
1917	2	31.15	-2.68	6.47e-03	0.0	0.0	-1175.22	0.13	-0.02	0.0	-2.68	17.88
		17.88	-4.77	-8.85e-03	0.0	100.0	-1171.67	0.13	-0.02	0.0	-4.77	31.15
1917	3	28.92	-2.59	6.07e-03	0.0	0.0	-1094.96	0.12	-0.02	0.0	-2.59	16.73
		16.73	-4.46	-8.27e-03	0.0	100.0	-1091.41	0.12	-0.02	0.0	-4.46	28.92
1917	4	24.41	-2.39	5.26e-03	0.0	0.0	-934.33	0.10	-0.01	0.0	-2.39	14.44
		14.44	-3.70	-7.11e-03	0.0	100.0	-930.77	0.10	-0.01	0.0	-3.70	24.41
1917	5	24.41	-2.39	5.26e-03	0.0	0.0	-934.33	0.10	-0.01	0.0	-2.39	14.44
		14.44	-3.70	-7.11e-03	0.0	100.0	-930.77	0.10	-0.01	0.0	-3.70	24.41
1918	1	48.60	4.88	-7.01e-03	0.0	0.0	-2126.50	-0.90	1.10	0.0	-105.43	48.60
		-41.73	-105.43	-0.01	0.0	100.0	-2121.88	-0.90	1.10	0.0	4.88	-41.73
1918	2	39.08	3.89	-5.64e-03	0.0	0.0	-1713.61	-0.73	0.89	0.0	-84.87	39.08
		-33.62	-84.87	-9.92e-03	0.0	100.0	-1710.06	-0.73	0.89	0.0	3.89	-33.62
1918	3	36.63	3.68	-5.28e-03	0.0	0.0	-1601.12	-0.68	0.83	0.0	-79.42	36.63
		-31.42	-79.42	-9.27e-03	0.0	100.0	-1597.57	-0.68	0.83	0.0	3.68	-31.42
1918	4	31.72	3.24	-4.56e-03	0.0	0.0	-1376.27	-0.59	0.72	0.0	-68.53	31.72
		-27.03	-68.53	-7.97e-03	0.0	100.0	-1372.71	-0.59	0.72	0.0	3.24	-27.03
1918	5	31.72	3.24	-4.56e-03	0.0	0.0	-1376.27	-0.59	0.72	0.0	-68.53	31.72
		-27.03	-68.53	-7.97e-03	0.0	100.0	-1372.71	-0.59	0.72	0.0	3.24	-27.03
1919	1	288.29	23.87	-0.02	0.0	0.0	-1414.36	5.39	-0.02	0.0	23.87	-142.80
		-142.80	22.48	-9.09e-04	0.0	80.0	-1410.66	5.39	-0.02	0.0	22.48	288.29
1919	2	232.74	19.31	-0.02	0.0	0.0	-1143.57	4.35	-0.01	0.0	19.31	-115.33
		-115.33	18.36	-7.27e-04	0.0	80.0	-1140.72	4.35	-0.01	0.0	18.36	232.74
1919	3	217.07	18.01	-0.02	0.0	0.0	-1063.31	4.06	-0.01	0.0	18.01	-107.50
		-107.50	17.01	-6.87e-04	0.0	80.0	-1060.46	4.06	-0.01	0.0	17.01	217.07
1919	4	185.42	15.21	-0.01	0.0	0.0	-902.67	3.46	-0.01	0.0	15.21	-91.69
		-91.69	14.03	-6.18e-04	0.0	80.0	-899.83	3.46	-0.01	0.0	14.03	185.42
1919	5	185.42	15.21	-0.01	0.0	0.0	-902.67	3.46	-0.01	0.0	15.21	-91.69
		-91.69	14.03	-6.18e-04	0.0	80.0	-899.83	3.46	-0.01	0.0	14.03	185.42
1920	1	85.01	-127.59	8.69e-03	0.0	0.0	-2051.79	4.66	2.11	0.0	-338.24	-381.02
		-381.02	-338.24	8.70e-03	0.0	100.0	-2047.17	4.66	2.11	0.0	-127.59	85.01
1920	2	68.33	-102.67	6.98e-03	0.0	0.0	-1651.46	3.75	1.69	0.0	-272.16	-306.22





1920	3	-306.22	-272.16	7.00e-03	0.0	100.0	-1647.90	3.75	1.69	0.0	-102.67	68.33
		64.06	-96.15	6.55e-03	0.0	0.0	-1545.65	3.51	1.59	0.0	-254.88	-287.15
		-287.15	-254.88	6.56e-03	0.0	100.0	-1542.09	3.51	1.59	0.0	-96.15	64.06
1920	4	55.56	-83.10	5.68e-03	0.0	0.0	-1334.29	3.05	1.37	0.0	-220.23	-249.22
		-249.22	-220.23	5.67e-03	0.0	100.0	-1330.73	3.05	1.37	0.0	-83.10	55.56
1920	5	55.56	-83.10	5.68e-03	0.0	0.0	-1334.29	3.05	1.37	0.0	-220.23	-249.22
		-249.22	-220.23	5.67e-03	0.0	100.0	-1330.73	3.05	1.37	0.0	-83.10	55.56
1921	1	85.01	99.51	-4.66e-03	0.0	0.0	-2273.28	-1.37	2.27	0.0	-127.59	85.01
		-51.61	-127.59	-0.06	0.0	100.0	-2268.66	-1.37	2.27	0.0	99.51	-51.61
1921	2	68.33	79.92	-3.74e-03	0.0	0.0	-1830.60	-1.10	1.83	0.0	-102.67	68.33
		-41.53	-102.67	-0.05	0.0	100.0	-1827.04	-1.10	1.83	0.0	79.92	-41.53
1921	3	64.06	75.05	-3.51e-03	0.0	0.0	-1712.13	-1.03	1.71	0.0	-96.15	64.06
		-38.87	-96.15	-0.04	0.0	100.0	-1708.57	-1.03	1.71	0.0	75.05	-38.87
1921	4	55.56	65.30	-3.06e-03	0.0	0.0	-1475.48	-0.89	1.48	0.0	-83.10	55.56
		-33.59	-83.10	-0.04	0.0	100.0	-1471.92	-0.89	1.48	0.0	65.30	-33.59
1921	5	55.56	65.30	-3.06e-03	0.0	0.0	-1475.48	-0.89	1.48	0.0	-83.10	55.56
		-33.59	-83.10	-0.04	0.0	100.0	-1471.92	-0.89	1.48	0.0	65.30	-33.59
1922	1	39.02	102.10	-0.01	0.0	0.0	-2293.68	0.91	0.03	0.0	99.51	-51.61
		-51.61	99.51	-0.03	0.0	100.0	-2289.06	0.91	0.03	0.0	102.10	39.02
1922	2	31.52	82.49	-8.28e-03	0.0	0.0	-1848.14	0.73	0.03	0.0	79.92	-41.53
		-41.53	79.92	-0.03	0.0	100.0	-1844.58	0.73	0.03	0.0	82.49	31.52
1922	3	29.35	76.78	-7.77e-03	0.0	0.0	-1727.00	0.68	0.02	0.0	75.05	-38.87
		-38.87	75.05	-0.03	0.0	100.0	-1723.45	0.68	0.02	0.0	76.78	29.35
1922	4	25.02	65.38	-6.74e-03	0.0	0.0	-1485.07	0.59	7.98e-04	0.0	65.30	-33.59
		-33.59	65.30	-0.02	0.0	100.0	-1481.52	0.59	7.98e-04	0.0	65.38	25.02
1922	5	25.02	65.38	-6.74e-03	0.0	0.0	-1485.07	0.59	7.98e-04	0.0	65.30	-33.59
		-33.59	65.30	-0.02	0.0	100.0	-1481.52	0.59	7.98e-04	0.0	65.38	25.02
1923	1	39.02	113.14	-3.35e-03	0.0	0.0	-2340.59	-0.48	-2.13	0.0	113.14	39.02
		0.63	-57.37	-2.85e-03	0.0	80.0	-2336.89	-0.48	-2.13	0.0	-57.37	0.63
1923	2	31.52	91.38	-2.67e-03	0.0	0.0	-1887.06	-0.39	-1.72	0.0	91.38	31.52
		0.33	-46.46	-2.28e-03	0.0	80.0	-1884.22	-0.39	-1.72	0.0	-46.46	0.33
1923	3	29.35	85.10	-2.53e-03	0.0	0.0	-1761.73	-0.36	-1.60	0.0	85.10	29.35
		0.54	-43.08	-2.16e-03	0.0	80.0	-1758.89	-0.36	-1.60	0.0	-43.08	0.54
1923	4	25.02	72.56	-2.26e-03	0.0	0.0	-1511.54	-0.30	-1.36	0.0	72.56	25.02
		0.98	-36.37	-1.92e-03	0.0	80.0	-1508.70	-0.30	-1.36	0.0	-36.37	0.98
1923	5	25.02	72.56	-2.26e-03	0.0	0.0	-1511.54	-0.30	-1.36	0.0	72.56	25.02
		0.98	-36.37	-1.92e-03	0.0	80.0	-1508.70	-0.30	-1.36	0.0	-36.37	0.98
1924	1	16.91	-0.28	-9.38e-04	0.0	0.0	-2209.99	0.16	0.60	0.0	-60.33	0.63
		0.63	-60.33	-0.01	0.0	100.0	-2205.37	0.16	0.60	0.0	-0.28	16.91
1924	2	13.61	-0.11	-7.58e-04	0.0	0.0	-1784.82	0.13	0.49	0.0	-48.84	0.33
		0.33	-48.84	-9.63e-03	0.0	100.0	-1781.26	0.13	0.49	0.0	-0.11	13.61
1924	3	12.74	-0.27	-7.07e-04	0.0	0.0	-1662.15	0.12	0.45	0.0	-45.31	0.54
		0.54	-45.31	-8.98e-03	0.0	100.0	-1658.59	0.12	0.45	0.0	-0.27	12.74
1924	4	11.00	-0.56	-6.05e-04	0.0	0.0	-1417.10	0.10	0.38	0.0	-38.28	0.98
		0.98	-38.28	-7.69e-03	0.0	100.0	-1413.55	0.10	0.38	0.0	-0.56	11.00
1924	5	11.00	-0.56	-6.05e-04	0.0	0.0	-1417.10	0.10	0.38	0.0	-38.28	0.98
		0.98	-38.28	-7.69e-03	0.0	100.0	-1413.55	0.10	0.38	0.0	-0.56	11.00
1925	1	33.18	15.92	6.22e-03	0.0	0.0	-2201.21	0.16	0.16	0.0	-0.28	16.91
		16.91	-0.28	-0.02	0.0	100.0	-2196.59	0.16	0.16	0.0	15.92	33.18
1925	2	26.89	12.79	5.00e-03	0.0	0.0	-1778.06	0.13	0.13	0.0	-0.11	13.61
		13.61	-0.11	-0.01	0.0	100.0	-1774.51	0.13	0.13	0.0	12.79	26.89
1925	3	24.95	11.94	4.69e-03	0.0	0.0	-1655.39	0.12	0.12	0.0	-0.27	12.74
		12.74	-0.27	-0.01	0.0	100.0	-1651.84	0.12	0.12	0.0	11.94	24.95
1925	4	21.02	10.28	4.07e-03	0.0	0.0	-1410.35	0.10	0.11	0.0	-0.56	11.00
		11.00	-0.56	-9.76e-03	0.0	100.0	-1406.79	0.10	0.11	0.0	10.28	21.02
1925	5	21.02	10.28	4.07e-03	0.0	0.0	-1410.35	0.10	0.11	0.0	-0.56	11.00
		11.00	-0.56	-9.76e-03	0.0	100.0	-1406.79	0.10	0.11	0.0	10.28	21.02
1926	1	30.88	13.43	0.01	0.0	0.0	-2144.94	-0.71	-0.35	0.0	13.43	30.88
		-31.80	-17.58	-0.01	0.0	88.0	-2140.87	-0.71	-0.35	0.0	-17.58	-31.80
1926	2	25.02	10.81	9.75e-03	0.0	0.0	-1734.74	-0.58	-0.29	0.0	10.81	25.02
		-25.66	-14.32	-8.75e-03	0.0	88.0	-1731.61	-0.58	-0.29	0.0	-14.32	-25.66
1926	3	23.24	10.05	9.09e-03	0.0	0.0	-1612.12	-0.54	-0.26	0.0	10.05	23.24
		-23.94	-13.12	-8.19e-03	0.0	88.0	-1608.99	-0.54	-0.26	0.0	-13.12	-23.94
1926	4	19.61	8.59	7.77e-03	0.0	0.0	-1367.16	-0.46	-0.22	0.0	8.59	19.61
		-20.48	-10.77	-7.05e-03	0.0	88.0	-1364.03	-0.46	-0.22	0.0	-10.77	-20.48
1926	5	19.61	8.59	7.77e-03	0.0	0.0	-1367.16	-0.46	-0.22	0.0	8.59	19.61
		-20.48	-10.77	-7.05e-03	0.0	88.0	-1364.03	-0.46	-0.22	0.0	-10.77	-20.48
1927	1	-31.80	59.54	3.68e-03	0.0	0.0	-2136.71	-0.71	0.69	0.0	-17.58	-31.80
		-111.57	-17.58	-0.01	0.0	112.0	-2131.53	-0.71	0.69	0.0	59.54	-111.57
1927	2	-25.66	48.27	2.97e-03	0.0	0.0	-1728.41	-0.58	0.56	0.0	-14.32	-25.66
		-90.16	-14.32	-0.01	0.0	112.0	-1724.43	-0.58	0.56	0.0	48.27	-90.16
1927	3	-23.94	44.61	2.77e-03	0.0	0.0	-1605.79	-0.54	0.52	0.0	-13.12	-23.94
		-83.99	-13.12	-9.94e-03	0.0	112.0	-1601.80	-0.54	0.52	0.0	44.61	-83.99
1927	4	-20.48	37.50	2.36e-03	0.0	0.0	-1360.83	-0.46	0.43	0.0	-10.77	-20.48
		-71.50	-10.77	-8.47e-03	0.0	112.0	-1356.84	-0.46	0.43	0.0	37.50	-71.50
1927	5	-20.48	37.50	2.36e-03	0.0	0.0	-1360.83	-0.46	0.43	0.0	-10.77	-20.48
		-71.50	-10.77	-8.47e-03	0.0	112.0	-1356.84	-0.46	0.43	0.0	37.50	-71.50

1928	1	195.79	58.50	-0.02	0.0	0.0	-2448.97	3.84	-0.77	0.0	58.50	-111.57
		-111.57	-3.46	1.78e-03	0.0	80.0	-2445.27	3.84	-0.77	0.0	-3.46	195.79
1928	2	158.18	47.42	-0.01	0.0	0.0	-1981.82	3.10	-0.63	0.0	47.42	-90.16
		-90.16	-2.83	1.47e-03	0.0	80.0	-1978.97	3.10	-0.63	0.0	-2.83	158.18
1928	3	147.42	43.83	-0.01	0.0	0.0	-1840.17	2.89	-0.57	0.0	43.83	-83.99
		-83.99	-2.10	1.32e-03	0.0	80.0	-1837.32	2.89	-0.57	0.0	-2.10	147.42
1928	4	125.63	36.81	-0.01	0.0	0.0	-1556.76	2.46	-0.48	0.0	36.81	-71.50
		-71.50	-1.72	1.04e-03	0.0	80.0	-1553.91	2.46	-0.48	0.0	-1.72	125.63
1928	5	125.63	36.81	-0.01	0.0	0.0	-1556.76	2.46	-0.48	0.0	36.81	-71.50
		-71.50	-1.72	1.04e-03	0.0	80.0	-1553.91	2.46	-0.48	0.0	-1.72	125.63
1929	1	153.30	70.27	-2.73e-03	0.0	0.0	-2105.41	-1.81	-2.16	0.0	70.27	153.30
		-27.21	-146.10	4.37e-03	0.0	100.0	-2100.79	-1.81	-2.16	0.0	-146.10	-27.21
1929	2	123.02	56.60	-2.19e-03	0.0	0.0	-1694.54	-1.45	-1.74	0.0	56.60	123.02
		-21.84	-117.59	3.51e-03	0.0	100.0	-1690.99	-1.45	-1.74	0.0	-117.59	-21.84
1929	3	115.62	52.94	-2.06e-03	0.0	0.0	-1586.16	-1.36	-1.63	0.0	52.94	115.62
		-20.52	-110.08	3.29e-03	0.0	100.0	-1582.60	-1.36	-1.63	0.0	-110.08	-20.52
1929	4	100.94	45.54	-1.80e-03	0.0	0.0	-1369.49	-1.19	-1.41	0.0	45.54	100.94
		-17.91	-95.04	2.86e-03	0.0	100.0	-1365.94	-1.19	-1.41	0.0	-95.04	-17.91
1929	5	100.94	45.54	-1.80e-03	0.0	0.0	-1369.49	-1.19	-1.41	0.0	45.54	100.94
		-17.91	-95.04	2.86e-03	0.0	100.0	-1365.94	-1.19	-1.41	0.0	-95.04	-17.91
1930	1	36.92	-73.01	7.35e-03	0.0	0.0	-2094.08	0.64	0.73	0.0	-146.10	-27.21
		-27.21	-146.10	-0.04	0.0	100.0	-2089.46	0.64	0.73	0.0	-73.01	36.92
1930	2	29.72	-58.90	5.90e-03	0.0	0.0	-1686.36	0.52	0.59	0.0	-117.59	-21.84
		-21.84	-117.59	-0.03	0.0	100.0	-1682.80	0.52	0.59	0.0	-58.90	29.72
1930	3	27.81	-54.95	5.54e-03	0.0	0.0	-1577.24	0.48	0.55	0.0	-110.08	-20.52
		-20.52	-110.08	-0.03	0.0	100.0	-1573.68	0.48	0.55	0.0	-54.95	27.81
1930	4	24.00	-47.05	4.81e-03	0.0	0.0	-1359.02	0.42	0.48	0.0	-95.04	-17.91
		-17.91	-95.04	-0.02	0.0	100.0	-1355.47	0.42	0.48	0.0	-47.05	24.00
1930	5	24.00	-47.05	4.81e-03	0.0	0.0	-1359.02	0.42	0.48	0.0	-95.04	-17.91
		-17.91	-95.04	-0.02	0.0	100.0	-1355.47	0.42	0.48	0.0	-47.05	24.00
1931	1	36.92	214.64	0.01	0.0	0.0	-2305.50	-0.79	2.88	0.0	-73.01	36.92
		-42.03	-73.01	-0.05	0.0	100.0	-2300.87	-0.79	2.88	0.0	214.64	-42.03
1931	2	29.72	173.06	0.01	0.0	0.0	-1857.69	-0.64	2.32	0.0	-58.90	29.72
		-33.94	-58.90	-0.04	0.0	100.0	-1854.13	-0.64	2.32	0.0	173.06	-33.94
1931	3	27.81	161.57	9.58e-03	0.0	0.0	-1736.03	-0.59	2.17	0.0	-54.95	27.81
		-31.62	-54.95	-0.04	0.0	100.0	-1732.48	-0.59	2.17	0.0	161.57	-31.62
1931	4	24.00	138.60	8.31e-03	0.0	0.0	-1492.66	-0.51	1.86	0.0	-47.05	24.00
		-26.97	-47.05	-0.03	0.0	100.0	-1489.10	-0.51	1.86	0.0	138.60	-26.97
1931	5	24.00	138.60	8.31e-03	0.0	0.0	-1492.66	-0.51	1.86	0.0	-47.05	24.00
		-26.97	-47.05	-0.03	0.0	100.0	-1489.10	-0.51	1.86	0.0	138.60	-26.97
1932	1	6.89	203.60	4.21e-03	0.0	0.0	-2340.85	0.61	-2.91	0.0	203.60	-42.03
		-42.03	-29.50	-6.15e-03	0.0	80.0	-2337.15	0.61	-2.91	0.0	-29.50	6.89
1932	2	5.72	164.18	3.36e-03	0.0	0.0	-1887.27	0.50	-2.35	0.0	164.18	-33.94
		-33.94	-24.01	-4.93e-03	0.0	80.0	-1884.43	0.50	-2.35	0.0	-24.01	5.72
1932	3	5.10	153.26	3.18e-03	0.0	0.0	-1762.16	0.46	-2.19	0.0	153.26	-31.62
		-31.62	-22.10	-4.64e-03	0.0	80.0	-1759.32	0.46	-2.19	0.0	-22.10	5.10
1932	4	3.87	131.42	2.81e-03	0.0	0.0	-1511.92	0.39	-1.87	0.0	131.42	-26.97
		-26.97	-18.28	-4.05e-03	0.0	80.0	-1509.07	0.39	-1.87	0.0	-18.28	3.87
1932	5	3.87	131.42	2.81e-03	0.0	0.0	-1511.92	0.39	-1.87	0.0	131.42	-26.97
		-26.97	-18.28	-4.05e-03	0.0	80.0	-1509.07	0.39	-1.87	0.0	-18.28	3.87
1933	1	6.89	-26.54	3.57e-03	0.0	0.0	-2191.17	-0.23	-0.02	0.0	-26.54	6.89
		-15.79	-28.51	-5.13e-03	0.0	100.0	-2186.55	-0.23	-0.02	0.0	-28.51	-15.79
1933	2	5.72	-21.62	2.89e-03	0.0	0.0	-1769.59	-0.18	-0.01	0.0	-21.62	5.72
		-12.70	-22.87	-4.15e-03	0.0	100.0	-1766.03	-0.18	-0.01	0.0	-22.87	-12.70
1933	3	5.10	-19.88	2.69e-03	0.0	0.0	-1648.30	-0.17	-0.02	0.0	-19.88	5.10
		-11.89	-21.52	-3.86e-03	0.0	100.0	-1644.74	-0.17	-0.02	0.0	-21.52	-11.89
1933	4	3.87	-16.36	2.29e-03	0.0	0.0	-1405.17	-0.14	-0.02	0.0	-16.36	3.87
		-10.27	-18.85	-3.27e-03	0.0	100.0	-1401.61	-0.14	-0.02	0.0	-18.85	-10.27
1933	5	3.87	-16.36	2.29e-03	0.0	0.0	-1405.17	-0.14	-0.02	0.0	-16.36	3.87
		-10.27	-18.85	-3.27e-03	0.0	100.0	-1401.61	-0.14	-0.02	0.0	-18.85	-10.27
1934	1	-15.79	25.22	-2.91e-03	0.0	0.0	-2182.39	-0.23	0.54	0.0	-28.51	-15.79
		-38.46	-28.51	-0.01	0.0	100.0	-2177.76	-0.23	0.54	0.0	25.22	-38.46
1934	2	-12.70	20.31	-2.33e-03	0.0	0.0	-1762.83	-0.18	0.43	0.0	-22.87	-12.70
		-31.12	-22.87	-0.01	0.0	100.0	-1759.27	-0.18	0.43	0.0	20.31	-31.12
1934	3	-11.89	19.02	-2.20e-03	0.0	0.0	-1641.54	-0.17	0.41	0.0	-21.52	-11.89
		-28.88	-21.52	-9.81e-03	0.0	100.0	-1637.98	-0.17	0.41	0.0	19.02	-28.88
1934	4	-10.27	16.30	-1.93e-03	0.0	0.0	-1398.41	-0.14	0.35	0.0	-18.85	-10.27
		-24.41	-18.85	-8.44e-03	0.0	100.0	-1394.86	-0.14	0.35	0.0	16.30	-24.41
1934	5	-10.27	16.30	-1.93e-03	0.0	0.0	-1398.41	-0.14	0.35	0.0	-18.85	-10.27
		-24.41	-18.85	-8.44e-03	0.0	100.0	-1394.86	-0.14	0.35	0.0	16.30	-24.41
1935	1	30.08	4.52	-0.01	0.0	0.0	-2123.37	0.75	-0.17	0.0	4.52	-35.51
		-35.51	-10.66	-0.01	0.0	88.0	-2119.30	0.75	-0.17	0.0	-10.66	30.08
1935	2	24.28	3.71	-8.33e-03	0.0	0.0	-1717.42	0.60	-0.14	0.0	3.71	-28.72
		-28.72	-8.75	-8.24e-03	0.0	88.0	-1714.29	0.60	-0.14	0.0	-8.75	24.28
1935	3	22.64	3.41	-7.76e-03	0.0	0.0	-1596.15	0.56	-0.13	0.0	3.41	-26.65
		-26.65	-7.98	-7.70e-03	0.0	88.0	-1593.02	0.56	-0.13	0.0	-7.98	22.64
1935	4	19.36	2.64	-6.63e-03	0.0	0.0	-1353.34	0.48	-0.10	0.0	2.64	-22.57



		-22.57	-6.37	-6.66e-03	0.0	88.0	-1350.22	0.48	-0.10	0.0	-6.37	19.36
1935	5	19.36	2.64	-6.63e-03	0.0	0.0	-1353.34	0.48	-0.10	0.0	2.64	-22.57
		-22.57	-6.37	-6.66e-03	0.0	88.0	-1350.22	0.48	-0.10	0.0	-6.37	19.36
1936	1	113.56	36.35	3.45e-03	0.0	0.0	-2115.14	0.75	0.42	0.0	-10.66	30.08
		30.08	-10.66	-0.01	0.0	112.0	-2109.97	0.75	0.42	0.0	36.35	113.56
1936	2	91.72	29.54	2.79e-03	0.0	0.0	-1711.09	0.60	0.34	0.0	-8.75	24.28
		24.28	-8.75	-0.01	0.0	112.0	-1707.11	0.60	0.34	0.0	29.54	91.72
1936	3	85.36	27.49	2.60e-03	0.0	0.0	-1589.82	0.56	0.32	0.0	-7.98	22.64
		22.64	-7.98	-9.66e-03	0.0	112.0	-1585.84	0.56	0.32	0.0	27.49	85.36
1936	4	72.74	22.89	2.23e-03	0.0	0.0	-1347.01	0.48	0.26	0.0	-6.37	19.36
		19.36	-6.37	-8.28e-03	0.0	112.0	-1343.03	0.48	0.26	0.0	22.89	72.74
1936	5	72.74	22.89	2.23e-03	0.0	0.0	-1347.01	0.48	0.26	0.0	-6.37	19.36
		19.36	-6.37	-8.28e-03	0.0	112.0	-1343.03	0.48	0.26	0.0	22.89	72.74
1937	1	113.56	38.89	0.02	0.0	0.0	-2391.51	-3.90	0.09	0.0	31.43	113.56
		-198.48	31.43	-1.67e-03	0.0	80.0	-2387.82	-3.90	0.09	0.0	38.89	-198.48
1937	2	91.72	31.35	0.02	0.0	0.0	-1935.61	-3.15	0.07	0.0	25.57	91.72
		-160.29	25.57	-1.33e-03	0.0	80.0	-1932.77	-3.15	0.07	0.0	31.35	-160.29
1937	3	85.36	27.85	0.01	0.0	0.0	-1797.36	-2.93	0.05	0.0	23.90	85.36
		-149.27	23.90	-1.24e-03	0.0	80.0	-1794.51	-2.93	0.05	0.0	27.85	-149.27
1937	4	72.74	24.81	0.01	0.0	0.0	-1520.15	-2.50	0.06	0.0	19.70	72.74
		-127.32	19.70	-1.12e-03	0.0	80.0	-1517.31	-2.50	0.06	0.0	24.81	-127.32
1937	5	72.74	24.81	0.01	0.0	0.0	-1520.15	-2.50	0.06	0.0	19.70	72.74
		-127.32	19.70	-1.12e-03	0.0	80.0	-1517.31	-2.50	0.06	0.0	24.81	-127.32
1938	1	152.29	-146.02	-2.71e-03	0.0	0.0	-1602.04	-1.78	-5.63	0.0	-146.02	152.29
		-26.19	-709.22	0.12	0.0	100.0	-1597.41	-1.78	-5.63	0.0	-709.22	-26.19
1938	2	122.21	-117.58	-2.18e-03	0.0	0.0	-1290.12	-1.43	-4.53	0.0	-117.58	122.21
		-21.02	-570.99	0.10	0.0	100.0	-1286.56	-1.43	-4.53	0.0	-570.99	-21.02
1938	3	114.86	-110.00	-2.05e-03	0.0	0.0	-1206.65	-1.35	-4.24	0.0	-110.00	114.86
		-19.75	-534.27	0.09	0.0	100.0	-1203.09	-1.35	-4.24	0.0	-534.27	-19.75
1938	4	100.28	-94.83	-1.79e-03	0.0	0.0	-1039.71	-1.18	-3.66	0.0	-94.83	100.28
		-17.25	-460.79	0.08	0.0	100.0	-1036.15	-1.18	-3.66	0.0	-460.79	-17.25
1938	5	100.28	-94.83	-1.79e-03	0.0	0.0	-1039.71	-1.18	-3.66	0.0	-94.83	100.28
		-17.25	-460.79	0.08	0.0	100.0	-1036.15	-1.18	-3.66	0.0	-460.79	-17.25
1939	1	33.09	-118.43	7.33e-03	0.0	0.0	-1573.63	0.59	5.91	0.0	-709.22	-26.19
		-26.19	-709.22	-0.09	0.0	100.0	-1569.01	0.59	5.91	0.0	-118.43	33.09
1939	2	26.64	-95.49	5.89e-03	0.0	0.0	-1267.93	0.48	4.75	0.0	-570.99	-21.02
		-21.02	-570.99	-0.07	0.0	100.0	-1264.37	0.48	4.75	0.0	-95.49	26.64
1939	3	24.93	-89.16	5.53e-03	0.0	0.0	-1184.95	0.45	4.45	0.0	-534.27	-19.75
		-19.75	-534.27	-0.07	0.0	100.0	-1181.39	0.45	4.45	0.0	-89.16	24.93
1939	4	21.52	-76.47	4.80e-03	0.0	0.0	-1018.99	0.39	3.84	0.0	-460.79	-17.25
		-17.25	-460.79	-0.06	0.0	100.0	-1015.43	0.39	3.84	0.0	-76.47	21.52
1939	5	21.52	-76.47	4.80e-03	0.0	0.0	-1018.99	0.39	3.84	0.0	-460.79	-17.25
		-17.25	-460.79	-0.06	0.0	100.0	-1015.43	0.39	3.84	0.0	-76.47	21.52
1940	1	33.09	297.19	0.01	0.0	0.0	-1549.61	-0.61	4.16	0.0	-118.43	33.09
		-27.46	-118.43	-0.15	0.0	100.0	-1544.98	-0.61	4.16	0.0	297.19	-27.46
1940	2	26.64	239.47	0.01	0.0	0.0	-1249.26	-0.49	3.35	0.0	-95.49	26.64
		-22.21	-95.49	-0.12	0.0	100.0	-1245.70	-0.49	3.35	0.0	239.47	-22.21
1940	3	24.93	223.79	9.59e-03	0.0	0.0	-1166.56	-0.46	3.13	0.0	-89.16	24.93
		-20.64	-89.16	-0.11	0.0	100.0	-1163.00	-0.46	3.13	0.0	223.79	-20.64
1940	4	21.52	192.40	8.31e-03	0.0	0.0	-1001.15	-0.39	2.69	0.0	-76.47	21.52
		-17.51	-76.47	-0.10	0.0	100.0	-997.59	-0.39	2.69	0.0	192.40	-17.51
1940	5	21.52	192.40	8.31e-03	0.0	0.0	-1001.15	-0.39	2.69	0.0	-76.47	21.52
		-17.51	-76.47	-0.10	0.0	100.0	-997.59	-0.39	2.69	0.0	192.40	-17.51
1941	1	-4.44	297.19	6.38e-03	0.0	0.0	-1523.49	0.29	-1.89	0.0	297.19	-27.46
		-27.46	145.84	-0.06	0.0	80.0	-1519.79	0.29	-1.89	0.0	145.84	-4.44
1941	2	-3.39	239.47	5.11e-03	0.0	0.0	-1228.89	0.24	-1.53	0.0	239.47	-22.21
		-22.21	117.37	-0.05	0.0	80.0	-1226.04	0.24	-1.53	0.0	117.37	-3.39
1941	3	-3.43	223.79	4.82e-03	0.0	0.0	-1146.59	0.22	-1.42	0.0	223.79	-20.64
		-20.64	109.89	-0.05	0.0	80.0	-1143.74	0.22	-1.42	0.0	109.89	-3.43
1941	4	-3.49	192.40	4.22e-03	0.0	0.0	-981.99	0.18	-1.22	0.0	192.40	-17.51
		-17.51	94.92	-0.04	0.0	80.0	-979.14	0.18	-1.22	0.0	94.92	-3.49
1941	5	-3.49	192.40	4.22e-03	0.0	0.0	-981.99	0.18	-1.22	0.0	192.40	-17.51
		-17.51	94.92	-0.04	0.0	80.0	-979.14	0.18	-1.22	0.0	94.92	-3.49
1942	1	-4.44	145.84	3.84e-03	0.0	0.0	-1436.36	-0.18	-1.02	0.0	145.84	-4.44
		-22.53	43.87	-0.02	0.0	100.0	-1431.74	-0.18	-1.02	0.0	43.87	-22.53
1942	2	-3.39	117.37	3.10e-03	0.0	0.0	-1159.46	-0.15	-0.82	0.0	117.37	-3.39
		-18.13	35.28	-0.02	0.0	100.0	-1155.91	-0.15	-0.82	0.0	35.28	-18.13
1942	3	-3.43	109.89	2.88e-03	0.0	0.0	-1080.65	-0.14	-0.77	0.0	109.89	-3.43
		-16.96	33.06	-0.02	0.0	100.0	-1077.09	-0.14	-0.77	0.0	33.06	-16.96
1942	4	-3.49	94.92	2.45e-03	0.0	0.0	-922.98	-0.11	-0.66	0.0	94.92	-3.49
		-14.63	28.61	-0.01	0.0	100.0	-919.42	-0.11	-0.66	0.0	28.61	-14.63
1942	5	-3.49	94.92	2.45e-03	0.0	0.0	-922.98	-0.11	-0.66	0.0	94.92	-3.49
		-14.63	28.61	-0.01	0.0	100.0	-919.42	-0.11	-0.66	0.0	28.61	-14.63
1943	1	-22.53	43.87	-5.42e-03	0.0	0.0	-1427.58	-0.18	-0.59	0.0	43.87	-22.53
		-40.62	-15.50	-6.77e-04	0.0	100.0	-1422.96	-0.18	-0.59	0.0	-15.50	-40.62
1943	2	-18.13	35.28	-4.35e-03	0.0	0.0	-1152.71	-0.15	-0.48	0.0	35.28	-18.13
		-32.87	-12.63	-5.48e-04	0.0	100.0	-1149.15	-0.15	-0.48	0.0	-12.63	-32.87

1943	3	-16.96	33.06	-4.09e-03	0.0	0.0	-1073.89	-0.14	-0.45	0.0	33.06	-16.96
		-30.50	-11.56	-5.10e-04	0.0	100.0	-1070.34	-0.14	-0.45	0.0	-11.56	-30.50
1943	4	-14.63	28.61	-3.56e-03	0.0	0.0	-916.22	-0.11	-0.38	0.0	28.61	-14.63
		-25.78	-9.62	-4.32e-04	0.0	100.0	-912.67	-0.11	-0.38	0.0	-9.62	-25.78
1943	5	-14.63	28.61	-3.56e-03	0.0	0.0	-916.22	-0.11	-0.38	0.0	28.61	-14.63
		-25.78	-9.62	-4.32e-04	0.0	100.0	-912.67	-0.11	-0.38	0.0	-9.62	-25.78
1944	1	41.85	6.18	-0.01	0.0	0.0	-1409.68	0.92	-0.18	0.0	6.18	-39.23
		-39.23	-9.38	1.23e-03	0.0	88.0	-1405.61	0.92	-0.18	0.0	-9.38	41.85
1944	2	33.76	4.76	-0.01	0.0	0.0	-1138.94	0.74	-0.14	0.0	4.76	-31.72
		-31.72	-7.52	9.27e-04	0.0	88.0	-1135.81	0.74	-0.14	0.0	-7.52	33.76
1944	3	31.50	4.81	-9.75e-03	0.0	0.0	-1060.13	0.69	-0.14	0.0	4.81	-29.45
		-29.45	-7.12	9.59e-04	0.0	88.0	-1057.00	0.69	-0.14	0.0	-7.12	31.50
1944	4	26.97	4.69	-8.34e-03	0.0	0.0	-902.46	0.59	-0.12	0.0	4.69	-24.97
		-24.97	-6.21	9.71e-04	0.0	88.0	-899.33	0.59	-0.12	0.0	-6.21	26.97
1944	5	26.97	4.69	-8.34e-03	0.0	0.0	-902.46	0.59	-0.12	0.0	4.69	-24.97
		-24.97	-6.21	9.71e-04	0.0	88.0	-899.33	0.59	-0.12	0.0	-6.21	26.97
1945	1	145.06	-9.38	6.15e-03	0.0	0.0	-1401.45	0.92	-0.71	0.0	-9.38	41.85
		41.85	-89.17	-8.56e-03	0.0	112.0	-1396.28	0.92	-0.71	0.0	-89.17	145.06
1945	2	117.11	-7.52	4.97e-03	0.0	0.0	-1132.61	0.74	-0.57	0.0	-7.52	33.76
		33.76	-71.22	-6.92e-03	0.0	112.0	-1128.63	0.74	-0.57	0.0	-71.22	117.11
1945	3	109.07	-7.12	4.64e-03	0.0	0.0	-1053.80	0.69	-0.54	0.0	-7.12	31.50
		31.50	-67.31	-6.42e-03	0.0	112.0	-1049.81	0.69	-0.54	0.0	-67.31	109.07
1945	4	93.08	-6.21	3.97e-03	0.0	0.0	-896.13	0.59	-0.48	0.0	-6.21	26.97
		26.97	-59.68	-5.48e-03	0.0	112.0	-892.14	0.59	-0.48	0.0	-59.68	93.08
1945	5	93.08	-6.21	3.97e-03	0.0	0.0	-896.13	0.59	-0.48	0.0	-6.21	26.97
		26.97	-59.68	-5.48e-03	0.0	112.0	-892.14	0.59	-0.48	0.0	-59.68	93.08
1946	1	145.06	236.50	0.02	0.0	0.0	-1386.43	-5.48	4.07	0.0	-89.17	145.06
		-293.34	-89.17	-0.02	0.0	80.0	-1382.73	-5.48	4.07	0.0	236.50	-293.34
1946	2	117.11	190.13	0.02	0.0	0.0	-1121.05	-4.42	3.27	0.0	-71.22	117.11
		-236.75	-71.22	-0.01	0.0	80.0	-1118.21	-4.42	3.27	0.0	190.13	-236.75
1946	3	109.07	177.29	0.02	0.0	0.0	-1042.24	-4.12	3.06	0.0	-67.31	109.07
		-220.68	-67.31	-0.01	0.0	80.0	-1039.39	-4.12	3.06	0.0	177.29	-220.68
1946	4	93.08	154.28	0.02	0.0	0.0	-884.57	-3.52	2.67	0.0	-59.68	93.08
		-188.60	-59.68	-0.01	0.0	80.0	-881.72	-3.52	2.67	0.0	154.28	-188.60
1946	5	93.08	154.28	0.02	0.0	0.0	-884.57	-3.52	2.67	0.0	-59.68	93.08
		-188.60	-59.68	-0.01	0.0	80.0	-881.72	-3.52	2.67	0.0	154.28	-188.60
1947	1	0.0	0.0	0.03	0.0	0.0	-1688.22	-9.48	-4.49	0.0	0.0	0.0
		-379.24	-179.65	0.04	0.0	40.0	-1686.37	-9.48	-4.49	0.0	-179.65	-379.24
1947	2	0.0	0.0	0.02	0.0	0.0	-1359.11	-7.62	-3.62	0.0	0.0	0.0
		-304.79	-144.61	0.04	0.0	40.0	-1357.69	-7.62	-3.62	0.0	-144.61	-304.79
1947	3	0.0	0.0	0.02	0.0	0.0	-1271.71	-7.15	-3.38	0.0	0.0	0.0
		-285.80	-135.35	0.03	0.0	40.0	-1270.28	-7.15	-3.38	0.0	-135.35	-285.80
1947	4	0.0	0.0	0.02	0.0	0.0	-1096.96	-6.20	-2.92	0.0	0.0	0.0
		-248.06	-116.81	0.03	0.0	40.0	-1095.54	-6.20	-2.92	0.0	-116.81	-248.06
1947	5	0.0	0.0	0.02	0.0	0.0	-1096.96	-6.20	-2.92	0.0	0.0	0.0
		-248.06	-116.81	0.03	0.0	40.0	-1095.54	-6.20	-2.92	0.0	-116.81	-248.06
1948	1	0.0	0.0	0.03	0.0	0.0	-2041.14	-9.53	-8.46	0.0	0.0	0.0
		-381.02	-338.24	0.03	0.0	40.0	-2039.29	-9.53	-8.46	0.0	-338.24	-381.02
1948	2	0.0	0.0	0.02	0.0	0.0	-1642.37	-7.66	-6.80	0.0	0.0	0.0
		-306.22	-272.16	0.02	0.0	40.0	-1640.95	-7.66	-6.80	0.0	-272.16	-306.22
1948	3	0.0	0.0	0.02	0.0	0.0	-1537.86	-7.18	-6.37	0.0	0.0	0.0
		-287.15	-254.88	0.02	0.0	40.0	-1536.43	-7.18	-6.37	0.0	-254.88	-287.15
1948	4	0.0	0.0	0.02	0.0	0.0	-1329.06	-6.23	-5.51	0.0	0.0	0.0
		-249.22	-220.23	0.02	0.0	40.0	-1327.64	-6.23	-5.51	0.0	-220.23	-249.22
1948	5	0.0	0.0	0.02	0.0	0.0	-1329.06	-6.23	-5.51	0.0	0.0	0.0
		-249.22	-220.23	0.02	0.0	40.0	-1327.64	-6.23	-5.51	0.0	-220.23	-249.22
1949	1	153.30	70.27	-0.01	0.0	0.0	-2110.31	3.83	1.76	0.0	0.0	0.0
		0.0	0.0	-4.20e-04	0.0	40.0	-2108.46	3.83	1.76	0.0	70.27	153.30
1949	2	123.02	56.60	-8.27e-03	0.0	0.0	-1697.97	3.08	1.41	0.0	0.0	0.0
		0.0	0.0	-3.42e-04	0.0	40.0	-1696.55	3.08	1.41	0.0	56.60	123.02
1949	3	115.62	52.94	-7.77e-03	0.0	0.0	-1590.08	2.89	1.32	0.0	0.0	0.0
		0.0	0.0	-3.16e-04	0.0	40.0	-1588.66	2.89	1.32	0.0	52.94	115.62
1949	4	100.94	45.54	-6.79e-03	0.0	0.0	-1374.39	2.52	1.14	0.0	0.0	0.0
		0.0	0.0	-2.60e-04	0.0	40.0	-1372.97	2.52	1.14	0.0	45.54	100.94
1949	5	100.94	45.54	-6.79e-03	0.0	0.0	-1374.39	2.52	1.14	0.0	0.0	0.0
		0.0	0.0	-2.60e-04	0.0	40.0	-1372.97	2.52	1.14	0.0	45.54	100.94
1950	1	152.29	0.0	-0.01	0.0	0.0	-1614.03	3.81	-3.65	0.0	0.0	0.0
		0.0	-146.02	0.08	0.0	40.0	-1612.18	3.81	-3.65	0.0	-146.02	152.29
1950	2	122.21	0.0	-8.22e-03	0.0	0.0	-1299.34	3.06	-2.94	0.0	0.0	0.0
		0.0	-117.58	0.06	0.0	40.0	-1297.92	3.06	-2.94	0.0	-117.58	122.21
1950	3	114.86	0.0	-7.72e-03	0.0	0.0	-1215.87	2.87	-2.75	0.0	0.0	0.0
		0.0	-110.00	0.06	0.0	40.0	-1214.45	2.87	-2.75	0.0	-110.00	114.86
1950	4	100.28	0.0	-6.75e-03	0.0	0.0	-1048.93	2.51	-2.37	0.0	0.0	0.0
		0.0	-94.83	0.05	0.0	40.0	-1047.51	2.51	-2.37	0.0	-94.83	100.28
1950	5	100.28	0.0	-6.75e-03	0.0	0.0	-1048.93	2.51	-2.37	0.0	0.0	0.0
		0.0	-94.83	0.05	0.0	40.0	-1047.51	2.51	-2.37	0.0	-94.83	100.28
1951	1	44.65	-31.19	4.97e-03	0.0	0.0	-2089.07	1.06	0.18	0.0	-49.00	-61.84

		-61.84	-49.00	-0.03	0.0	100.0	-2084.45	1.06	0.18	0.0	-31.19	44.65
1951	2	35.99	-25.14	4.00e-03	0.0	0.0	-1683.54	0.86	0.14	0.0	-39.47	-49.80
		-49.80	-39.47	-0.02	0.0	100.0	-1679.98	0.86	0.14	0.0	-25.14	35.99
1951	3	33.61	-23.50	3.75e-03	0.0	0.0	-1572.98	0.80	0.13	0.0	-36.93	-46.57
		-46.57	-36.93	-0.02	0.0	100.0	-1569.42	0.80	0.13	0.0	-23.50	33.61
1951	4	28.85	-20.22	3.24e-03	0.0	0.0	-1351.57	0.69	0.12	0.0	-31.81	-40.13
		-40.13	-31.81	-0.02	0.0	100.0	-1348.02	0.69	0.12	0.0	-20.22	28.85
1951	5	28.85	-20.22	3.24e-03	0.0	0.0	-1351.57	0.69	0.12	0.0	-31.81	-40.13
		-40.13	-31.81	-0.02	0.0	100.0	-1348.02	0.69	0.12	0.0	-20.22	28.85
1957	1	-3.88	29.77	-4.00e-03	0.0	0.0	-2054.81	0.04	0.20	0.0	10.18	-7.72
		-7.72	10.18	-0.01	0.0	100.0	-2050.19	0.04	0.20	0.0	29.77	-3.88
1957	2	-3.07	23.94	-3.22e-03	0.0	0.0	-1657.12	0.03	0.16	0.0	8.19	-6.20
		-6.20	8.19	-0.01	0.0	100.0	-1653.56	0.03	0.16	0.0	23.94	-3.07
1957	3	-2.95	22.44	-3.02e-03	0.0	0.0	-1546.59	0.03	0.15	0.0	7.66	-5.83
		-5.83	7.66	-0.01	0.0	100.0	-1543.03	0.03	0.15	0.0	22.44	-2.95
1957	4	-2.69	19.48	-2.62e-03	0.0	0.0	-1325.58	0.02	0.13	0.0	6.59	-5.08
		-5.08	6.59	-9.65e-03	0.0	100.0	-1322.03	0.02	0.13	0.0	19.48	-2.69
1957	5	-2.69	19.48	-2.62e-03	0.0	0.0	-1325.58	0.02	0.13	0.0	6.59	-5.08
		-5.08	6.59	-9.65e-03	0.0	100.0	-1322.03	0.02	0.13	0.0	19.48	-2.69
1958	1	12.89	99.87	1.93e-03	0.0	0.0	-2067.02	-0.02	1.26	0.0	-26.37	12.89
		10.63	-26.37	-0.03	0.0	100.0	-2062.40	-0.02	1.26	0.0	99.87	10.63
1958	2	10.37	80.34	1.54e-03	0.0	0.0	-1666.83	-0.02	1.02	0.0	-21.23	10.37
		8.52	-21.23	-0.02	0.0	100.0	-1663.27	-0.02	1.02	0.0	80.34	8.52
1958	3	9.72	75.29	1.46e-03	0.0	0.0	-1555.93	-0.02	0.95	0.0	-19.88	9.72
		8.03	-19.88	-0.02	0.0	100.0	-1552.37	-0.02	0.95	0.0	75.29	8.03
1958	4	8.43	65.20	1.29e-03	0.0	0.0	-1333.99	-0.01	0.82	0.0	-17.17	8.43
		7.04	-17.17	-0.02	0.0	100.0	-1330.43	-0.01	0.82	0.0	65.20	7.04
1958	5	8.43	65.20	1.29e-03	0.0	0.0	-1333.99	-0.01	0.82	0.0	-17.17	8.43
		7.04	-17.17	-0.02	0.0	100.0	-1330.43	-0.01	0.82	0.0	65.20	7.04
1959	1	21.73	287.83	1.94e-03	0.0	0.0	-1470.71	0.12	4.38	0.0	-150.21	9.95
		9.95	-150.21	-0.14	0.0	100.0	-1466.09	0.12	4.38	0.0	287.83	21.73
1959	2	17.48	231.84	1.55e-03	0.0	0.0	-1186.24	0.09	3.53	0.0	-121.01	7.99
		7.99	-121.01	-0.12	0.0	100.0	-1182.68	0.09	3.53	0.0	231.84	17.48
1959	3	16.37	216.78	1.47e-03	0.0	0.0	-1106.87	0.09	3.30	0.0	-113.13	7.51
		7.51	-113.13	-0.11	0.0	100.0	-1103.32	0.09	3.30	0.0	216.78	16.37
1959	4	14.16	186.66	1.29e-03	0.0	0.0	-948.16	0.08	2.84	0.0	-97.33	6.54
		6.54	-97.33	-0.09	0.0	100.0	-944.60	0.08	2.84	0.0	186.66	14.16
1959	5	14.16	186.66	1.29e-03	0.0	0.0	-948.16	0.08	2.84	0.0	-97.33	6.54
		6.54	-97.33	-0.09	0.0	100.0	-944.60	0.08	2.84	0.0	186.66	14.16
1960	1	42.88	-148.60	4.94e-03	0.0	0.0	-1537.17	1.04	4.82	0.0	-630.34	-61.42
		-61.42	-630.34	-0.08	0.0	100.0	-1532.55	1.04	4.82	0.0	-148.60	42.88
1960	2	34.56	-119.72	3.97e-03	0.0	0.0	-1239.21	0.84	3.88	0.0	-507.51	-49.46
		-49.46	-507.51	-0.06	0.0	100.0	-1235.65	0.84	3.88	0.0	-119.72	34.56
1960	3	32.28	-111.91	3.72e-03	0.0	0.0	-1157.24	0.79	3.63	0.0	-474.84	-46.26
		-46.26	-474.84	-0.06	0.0	100.0	-1153.68	0.79	3.63	0.0	-111.91	32.28
1960	4	27.72	-96.27	3.22e-03	0.0	0.0	-993.21	0.68	3.13	0.0	-409.45	-39.87
		-39.87	-409.45	-0.05	0.0	100.0	-989.65	0.68	3.13	0.0	-96.27	27.72
1960	5	27.72	-96.27	3.22e-03	0.0	0.0	-993.21	0.68	3.13	0.0	-409.45	-39.87
		-39.87	-409.45	-0.05	0.0	100.0	-989.65	0.68	3.13	0.0	-96.27	27.72
1961	1	-5.56	5.64	-3.84e-03	0.0	0.0	-1488.54	-0.10	0.11	0.0	-5.23	-5.56
		-15.11	-5.23	-0.02	0.0	100.0	-1483.91	-0.10	0.11	0.0	5.64	-15.11
1961	2	-4.44	4.52	-3.08e-03	0.0	0.0	-1200.76	-0.08	0.09	0.0	-4.21	-4.44
		-12.15	-4.21	-0.02	0.0	100.0	-1197.20	-0.08	0.09	0.0	4.52	-12.15
1961	3	-4.20	4.23	-2.89e-03	0.0	0.0	-1120.26	-0.07	0.08	0.0	-3.93	-4.20
		-11.40	-3.93	-0.01	0.0	100.0	-1116.71	-0.07	0.08	0.0	4.23	-11.40
1961	4	-3.71	3.70	-2.51e-03	0.0	0.0	-959.25	-0.06	0.07	0.0	-3.36	-3.71
		-9.90	-3.36	-0.01	0.0	100.0	-955.69	-0.06	0.07	0.0	3.70	-9.90
1961	5	-3.71	3.70	-2.51e-03	0.0	0.0	-959.25	-0.06	0.07	0.0	-3.36	-3.71
		-9.90	-3.36	-0.01	0.0	100.0	-955.69	-0.06	0.07	0.0	3.70	-9.90
1962	1	46.32	404.00	4.84e-03	0.0	0.0	-2114.28	2.94	-5.14	0.0	404.00	-247.64
		-247.64	-110.23	-0.01	0.0	100.0	-2109.66	2.94	-5.14	0.0	-110.23	46.32
1962	2	37.18	325.15	3.88e-03	0.0	0.0	-1701.74	2.36	-4.14	0.0	325.15	-198.85
		-198.85	-88.75	-0.01	0.0	100.0	-1698.18	2.36	-4.14	0.0	-88.75	37.18
1962	3	34.93	304.36	3.65e-03	0.0	0.0	-1592.87	2.22	-3.87	0.0	304.36	-186.75
		-186.75	-83.03	-9.87e-03	0.0	100.0	-1589.32	2.22	-3.87	0.0	-83.03	34.93
1962	4	30.40	262.84	3.18e-03	0.0	0.0	-1375.14	1.93	-3.34	0.0	262.84	-162.49
		-162.49	-71.60	-8.51e-03	0.0	100.0	-1371.59	1.93	-3.34	0.0	-71.60	30.40
1962	5	30.40	262.84	3.18e-03	0.0	0.0	-1375.14	1.93	-3.34	0.0	262.84	-162.49
		-162.49	-71.60	-8.51e-03	0.0	100.0	-1371.59	1.93	-3.34	0.0	-71.60	30.40
1964	1	88.45	-0.57	-9.30e-03	0.0	0.0	-1545.08	-1.38	-0.05	0.0	-0.57	88.45
		-50.00	-5.96	-0.02	0.0	100.0	-1540.46	-1.38	-0.05	0.0	-5.96	-50.00
1964	2	71.33	-0.46	-7.50e-03	0.0	0.0	-1245.28	-1.12	-0.04	0.0	-0.46	71.33
		-40.31	-4.81	-0.01	0.0	100.0	-1241.72	-1.12	-0.04	0.0	-4.81	-40.31
1964	3	66.59	-0.42	-7.01e-03	0.0	0.0	-1163.32	-1.04	-0.04	0.0	-0.42	66.59
		-37.65	-4.49	-0.01	0.0	100.0	-1159.77	-1.04	-0.04	0.0	-4.49	-37.65
1964	4	57.13	-0.34	-6.03e-03	0.0	0.0	-999.23	-0.89	-0.03	0.0	-0.34	57.13
		-32.31	-3.84	-0.01	0.0	100.0	-995.68	-0.89	-0.03	0.0	-3.84	-32.31

1964	5	57.13	-0.34	-6.03e-03	0.0	0.0	-999.23	-0.89	-0.03	0.0	-0.34	57.13
		-32.31	-3.84	-0.01	0.0	100.0	-995.68	-0.89	-0.03	0.0	-3.84	-32.31
1982	1	483.91	0.0	-0.03	0.0	0.0	-2142.09	12.10	-3.35	0.0	0.0	0.0
		0.0	-134.18	0.08	0.0	40.0	-2140.24	12.10	-3.35	0.0	-134.18	483.91
1982	2	389.55	0.0	-0.03	0.0	0.0	-1723.66	9.74	-2.70	0.0	0.0	0.0
		0.0	-108.05	0.06	0.0	40.0	-1722.24	9.74	-2.70	0.0	-108.05	389.55
1982	3	364.50	0.0	-0.02	0.0	0.0	-1614.04	9.11	-2.53	0.0	0.0	0.0
		0.0	-101.08	0.06	0.0	40.0	-1612.61	9.11	-2.53	0.0	-101.08	364.50
1982	4	314.64	0.0	-0.02	0.0	0.0	-1394.81	7.87	-2.18	0.0	0.0	0.0
		0.0	-87.13	0.05	0.0	40.0	-1393.38	7.87	-2.18	0.0	-87.13	314.64
1982	5	314.64	0.0	-0.02	0.0	0.0	-1394.81	7.87	-2.18	0.0	0.0	0.0
		0.0	-87.13	0.05	0.0	40.0	-1393.38	7.87	-2.18	0.0	-87.13	314.64
1983	1	0.0	0.0	3.14e-03	0.0	0.0	-1695.45	-0.05	-4.35	0.0	0.0	0.0
		-1.84	-174.09	0.04	0.0	40.0	-1693.60	-0.05	-4.35	0.0	-174.09	-1.84
1983	2	0.0	0.0	2.53e-03	0.0	0.0	-1366.24	-0.04	-3.50	0.0	0.0	0.0
		-1.48	-140.14	0.04	0.0	40.0	-1364.82	-0.04	-3.50	0.0	-140.14	-1.48
1983	3	0.0	0.0	2.37e-03	0.0	0.0	-1276.63	-0.03	-3.28	0.0	0.0	0.0
		-1.39	-131.16	0.03	0.0	40.0	-1275.21	-0.03	-3.28	0.0	-131.16	-1.39
1983	4	0.0	0.0	2.05e-03	0.0	0.0	-1097.41	-0.03	-2.83	0.0	0.0	0.0
		-1.20	-113.19	0.03	0.0	40.0	-1095.99	-0.03	-2.83	0.0	-113.19	-1.20
1983	5	0.0	0.0	2.05e-03	0.0	0.0	-1097.41	-0.03	-2.83	0.0	0.0	0.0
		-1.20	-113.19	0.03	0.0	40.0	-1095.99	-0.03	-2.83	0.0	-113.19	-1.20
1985	1	0.0	0.0	3.14e-03	0.0	0.0	-2340.86	-0.05	-8.03	0.0	0.0	0.0
		-2.18	-321.12	0.03	0.0	40.0	-2339.01	-0.05	-8.03	0.0	-321.12	-2.18
1985	2	0.0	0.0	2.53e-03	0.0	0.0	-1886.39	-0.04	-6.46	0.0	0.0	0.0
		-1.75	-258.39	0.02	0.0	40.0	-1884.97	-0.04	-6.46	0.0	-258.39	-1.75
1985	3	0.0	0.0	2.37e-03	0.0	0.0	-1762.62	-0.04	-6.05	0.0	0.0	0.0
		-1.64	-241.98	0.02	0.0	40.0	-1761.20	-0.04	-6.05	0.0	-241.98	-1.64
1985	4	0.0	0.0	2.05e-03	0.0	0.0	-1514.98	-0.04	-5.23	0.0	0.0	0.0
		-1.43	-209.10	0.02	0.0	40.0	-1513.56	-0.04	-5.23	0.0	-209.10	-1.43
1985	5	0.0	0.0	2.05e-03	0.0	0.0	-1514.98	-0.04	-5.23	0.0	0.0	0.0
		-1.43	-209.10	0.02	0.0	40.0	-1513.56	-0.04	-5.23	0.0	-209.10	-1.43
1988	1	1.40	57.61	9.75e-05	0.0	0.0	-2165.53	0.03	1.44	0.0	0.0	0.0
		0.0	0.0	-7.51e-04	0.0	40.0	-2163.68	0.03	1.44	0.0	57.61	1.40
1988	2	1.12	46.41	8.29e-05	0.0	0.0	-1745.12	0.03	1.16	0.0	0.0	0.0
		0.0	0.0	-6.09e-04	0.0	40.0	-1743.70	0.03	1.16	0.0	46.41	1.12
1988	3	1.05	43.40	7.19e-05	0.0	0.0	-1630.57	0.03	1.09	0.0	0.0	0.0
		0.0	0.0	-5.65e-04	0.0	40.0	-1629.14	0.03	1.09	0.0	43.40	1.05
1988	4	0.92	37.31	4.80e-05	0.0	0.0	-1401.33	0.02	0.93	0.0	0.0	0.0
		0.0	0.0	-4.71e-04	0.0	40.0	-1399.91	0.02	0.93	0.0	37.31	0.92
1988	5	0.92	37.31	4.80e-05	0.0	0.0	-1401.33	0.02	0.93	0.0	0.0	0.0
		0.0	0.0	-4.71e-04	0.0	40.0	-1399.91	0.02	0.93	0.0	37.31	0.92
1989	1	1.66	0.0	-2.29e-03	0.0	0.0	-1524.87	0.04	-5.17	0.0	0.0	0.0
		0.0	-206.92	0.08	0.0	40.0	-1523.02	0.04	-5.17	0.0	-206.92	1.66
1989	2	1.33	0.0	-1.84e-03	0.0	0.0	-1228.85	0.03	-4.16	0.0	0.0	0.0
		0.0	-166.60	0.06	0.0	40.0	-1227.43	0.03	-4.16	0.0	-166.60	1.33
1989	3	1.25	0.0	-1.72e-03	0.0	0.0	-1148.10	0.03	-3.90	0.0	0.0	0.0
		0.0	-155.88	0.06	0.0	40.0	-1146.68	0.03	-3.90	0.0	-155.88	1.25
1989	4	1.09	0.0	-1.49e-03	0.0	0.0	-986.55	0.03	-3.36	0.0	0.0	0.0
		0.0	-134.43	0.05	0.0	40.0	-985.13	0.03	-3.36	0.0	-134.43	1.09
1989	5	1.09	0.0	-1.49e-03	0.0	0.0	-986.55	0.03	-3.36	0.0	0.0	0.0
		0.0	-134.43	0.05	0.0	40.0	-985.13	0.03	-3.36	0.0	-134.43	1.09
1990	1	1.76	0.0	-2.53e-03	0.0	0.0	-1501.92	0.04	-5.22	0.0	0.0	0.0
		0.0	-208.93	0.08	0.0	40.0	-1500.07	0.04	-5.22	0.0	-208.93	1.76
1990	2	1.42	0.0	-2.03e-03	0.0	0.0	-1210.24	0.04	-4.21	0.0	0.0	0.0
		0.0	-168.21	0.06	0.0	40.0	-1208.82	0.04	-4.21	0.0	-168.21	1.42
1990	3	1.33	0.0	-1.90e-03	0.0	0.0	-1130.88	0.03	-3.93	0.0	0.0	0.0
		0.0	-157.39	0.06	0.0	40.0	-1129.46	0.03	-3.93	0.0	-157.39	1.33
1990	4	1.16	0.0	-1.65e-03	0.0	0.0	-972.16	0.03	-3.39	0.0	0.0	0.0
		0.0	-135.73	0.05	0.0	40.0	-970.74	0.03	-3.39	0.0	-135.73	1.16
1990	5	1.16	0.0	-1.65e-03	0.0	0.0	-972.16	0.03	-3.39	0.0	0.0	0.0
		0.0	-135.73	0.05	0.0	40.0	-970.74	0.03	-3.39	0.0	-135.73	1.16
1991	1	0.0	2.06	4.76e-04	0.0	0.0	-1519.74	-0.03	0.05	0.0	0.0	0.0
		-1.03	0.0	-7.05e-03	0.0	40.0	-1517.89	-0.03	0.05	0.0	2.06	-1.03
1991	2	0.0	1.66	3.78e-04	0.0	0.0	-1224.76	-0.02	0.04	0.0	0.0	0.0
		-0.82	0.0	-5.68e-03	0.0	40.0	-1223.34	-0.02	0.04	0.0	1.66	-0.82
1991	3	0.0	1.55	3.61e-04	0.0	0.0	-1144.27	-0.02	0.04	0.0	0.0	0.0
		-0.77	0.0	-5.31e-03	0.0	40.0	-1142.84	-0.02	0.04	0.0	1.55	-0.77
1991	4	0.0	1.35	3.26e-04	0.0	0.0	-983.25	-0.02	0.03	0.0	0.0	0.0
		-0.68	0.0	-4.58e-03	0.0	40.0	-981.83	-0.02	0.03	0.0	1.35	-0.68
1991	5	0.0	1.35	3.26e-04	0.0	0.0	-983.25	-0.02	0.03	0.0	0.0	0.0
		-0.68	0.0	-4.58e-03	0.0	40.0	-981.83	-0.02	0.03	0.0	1.35	-0.68
1992	1	0.0	1.96	0.02	0.0	0.0	-1585.67	-6.16	0.05	0.0	0.0	0.0
		-246.25	0.0	-7.05e-03	0.0	40.0	-1583.82	-6.16	0.05	0.0	1.96	-246.25
1992	2	0.0	1.58	0.01	0.0	0.0	-1277.07	-4.95	0.04	0.0	0.0	0.0
		-198.04	0.0	-5.67e-03	0.0	40.0	-1275.65	-4.95	0.04	0.0	1.58	-198.04
1992	3	0.0	1.48	0.01	0.0	0.0	-1194.25	-4.64	0.04	0.0	0.0	0.0

1992	4	-185.59	0.0	-5.31e-03	0.0	40.0	-1192.83	-4.64	0.04	0.0	1.48	-185.59
		0.0	1.28	0.01	0.0	0.0	-1028.59	-4.02	0.03	0.0	0.0	0.0
		-160.72	0.0	-4.58e-03	0.0	40.0	-1027.16	-4.02	0.03	0.0	1.28	-160.72
1992	5	0.0	1.28	0.01	0.0	0.0	-1028.59	-4.02	0.03	0.0	0.0	0.0
		-160.72	0.0	-4.58e-03	0.0	40.0	-1027.16	-4.02	0.03	0.0	1.28	-160.72
1993	1	0.0	399.07	4.76e-04	0.0	0.0	-2117.51	-0.03	9.98	0.0	0.0	0.0
		-1.29	0.0	-0.03	0.0	40.0	-2115.66	-0.03	9.98	0.0	399.07	-1.29
1993	2	0.0	321.17	3.78e-04	0.0	0.0	-1706.66	-0.03	8.03	0.0	0.0	0.0
		-1.04	0.0	-0.03	0.0	40.0	-1705.23	-0.03	8.03	0.0	321.17	-1.04
1993	3	0.0	300.65	3.61e-04	0.0	0.0	-1594.27	-0.02	7.52	0.0	0.0	0.0
		-0.98	0.0	-0.02	0.0	40.0	-1592.85	-0.02	7.52	0.0	300.65	-0.98
1993	4	0.0	259.67	3.26e-04	0.0	0.0	-1369.58	-0.02	6.49	0.0	0.0	0.0
		-0.85	0.0	-0.02	0.0	40.0	-1368.16	-0.02	6.49	0.0	259.67	-0.85
1993	5	0.0	259.67	3.26e-04	0.0	0.0	-1369.58	-0.02	6.49	0.0	0.0	0.0
		-0.85	0.0	-0.02	0.0	40.0	-1368.16	-0.02	6.49	0.0	259.67	-0.85
1996	1	0.0	394.98	1.35e-03	0.0	0.0	-2159.00	-0.04	9.87	0.0	0.0	0.0
		-1.61	0.0	-0.03	0.0	40.0	-2157.15	-0.04	9.87	0.0	394.98	-1.61
1996	2	0.0	317.87	1.08e-03	0.0	0.0	-1740.16	-0.03	7.95	0.0	0.0	0.0
		-1.29	0.0	-0.03	0.0	40.0	-1738.74	-0.03	7.95	0.0	317.87	-1.29
1996	3	0.0	297.58	1.02e-03	0.0	0.0	-1625.47	-0.03	7.44	0.0	0.0	0.0
		-1.21	0.0	-0.02	0.0	40.0	-1624.04	-0.03	7.44	0.0	297.58	-1.21
1996	4	0.0	257.06	8.88e-04	0.0	0.0	-1396.09	-0.03	6.43	0.0	0.0	0.0
		-1.06	0.0	-0.02	0.0	40.0	-1394.67	-0.03	6.43	0.0	257.06	-1.06
1996	5	0.0	257.06	8.88e-04	0.0	0.0	-1396.09	-0.03	6.43	0.0	0.0	0.0
		-1.06	0.0	-0.02	0.0	40.0	-1394.67	-0.03	6.43	0.0	257.06	-1.06
2010	1	35.81	13.94	-0.01	0.0	0.0	-1125.99	0.76	-0.48	0.0	13.94	-31.21
		-31.21	-28.70	1.91e-03	0.0	88.0	-1121.92	0.76	-0.48	0.0	-28.70	35.81
2010	2	28.87	11.04	-9.34e-03	0.0	0.0	-909.82	0.61	-0.39	0.0	11.04	-25.25
		-25.25	-23.00	1.48e-03	0.0	88.0	-906.69	0.61	-0.39	0.0	-23.00	28.87
2010	3	26.95	10.61	-8.73e-03	0.0	0.0	-846.71	0.57	-0.37	0.0	10.61	-23.49
		-23.49	-21.63	1.47e-03	0.0	88.0	-843.58	0.57	-0.37	0.0	-21.63	26.95
2010	4	23.13	9.69	-7.48e-03	0.0	0.0	-720.53	0.49	-0.33	0.0	9.69	-19.91
		-19.91	-19.03	1.40e-03	0.0	88.0	-717.40	0.49	-0.33	0.0	-19.03	23.13
2010	5	23.13	9.69	-7.48e-03	0.0	0.0	-720.53	0.49	-0.33	0.0	9.69	-19.91
		-19.91	-19.03	1.40e-03	0.0	88.0	-717.40	0.49	-0.33	0.0	-19.03	23.13
2011	1	38.83	5.66	0.01	0.0	0.0	-1252.66	-0.90	-0.01	0.0	5.66	38.83
		-40.20	4.45	-9.46e-03	0.0	88.0	-1248.59	-0.90	-0.01	0.0	4.45	-40.20
2011	2	31.41	4.53	0.01	0.0	0.0	-1012.51	-0.73	-0.01	0.0	4.53	31.41
		-32.43	3.60	-7.63e-03	0.0	88.0	-1009.38	-0.73	-0.01	0.0	3.60	-32.43
2011	3	29.24	4.20	0.01	0.0	0.0	-941.95	-0.68	-9.69e-03	0.0	4.20	29.24
		-30.28	3.35	-7.14e-03	0.0	88.0	-938.82	-0.68	-9.69e-03	0.0	3.35	-30.28
2011	4	24.77	3.67	8.68e-03	0.0	0.0	-800.58	-0.58	-9.35e-03	0.0	3.67	24.77
		-25.93	2.85	-6.12e-03	0.0	88.0	-797.45	-0.58	-9.35e-03	0.0	2.85	-25.93
2011	5	24.77	3.67	8.68e-03	0.0	0.0	-800.58	-0.58	-9.35e-03	0.0	3.67	24.77
		-25.93	2.85	-6.12e-03	0.0	88.0	-797.45	-0.58	-9.35e-03	0.0	2.85	-25.93
2013	1	37.16	17.58	0.01	0.0	0.0	-2120.78	-0.79	0.08	0.0	10.40	37.16
		-32.52	10.40	-1.00e-02	0.0	88.0	-2116.72	-0.79	0.08	0.0	17.58	-32.52
2013	2	30.07	14.18	0.01	0.0	0.0	-1715.84	-0.64	0.07	0.0	8.39	30.07
		-26.25	8.39	-8.05e-03	0.0	88.0	-1712.71	-0.64	0.07	0.0	14.18	-26.25
2013	3	27.93	13.15	9.72e-03	0.0	0.0	-1593.63	-0.60	0.06	0.0	7.79	27.93
		-24.46	7.79	-7.55e-03	0.0	88.0	-1590.50	-0.60	0.06	0.0	13.15	-24.46
2013	4	23.65	11.11	8.29e-03	0.0	0.0	-1349.16	-0.51	0.05	0.0	6.66	23.65
		-20.87	6.66	-6.51e-03	0.0	88.0	-1346.03	-0.51	0.05	0.0	11.11	-20.87
2013	5	23.65	11.11	8.29e-03	0.0	0.0	-1349.16	-0.51	0.05	0.0	6.66	23.65
		-20.87	6.66	-6.51e-03	0.0	88.0	-1346.03	-0.51	0.05	0.0	11.11	-20.87
2016	1	30.99	5.75	-0.01	0.0	0.0	-2135.26	0.74	0.06	0.0	0.68	-33.69
		-33.69	0.68	-9.13e-03	0.0	88.0	-2131.19	0.74	0.06	0.0	5.75	30.99
2016	2	25.01	4.71	-8.33e-03	0.0	0.0	-1727.63	0.59	0.05	0.0	0.58	-27.29
		-27.29	0.58	-7.36e-03	0.0	88.0	-1724.50	0.59	0.05	0.0	4.71	25.01
2016	3	23.31	4.38	-7.76e-03	0.0	0.0	-1604.82	0.55	0.04	0.0	0.49	-25.28
		-25.28	0.49	-6.88e-03	0.0	88.0	-1601.69	0.55	0.04	0.0	4.38	23.31
2016	4	19.93	3.49	-6.62e-03	0.0	0.0	-1358.86	0.47	0.04	0.0	0.27	-21.28
		-21.28	0.27	-5.95e-03	0.0	88.0	-1355.73	0.47	0.04	0.0	3.49	19.93
2016	5	19.93	3.49	-6.62e-03	0.0	0.0	-1358.86	0.47	0.04	0.0	0.27	-21.28
		-21.28	0.27	-5.95e-03	0.0	88.0	-1355.73	0.47	0.04	0.0	3.49	19.93
2017	1	-4.85	-1.67	1.06e-03	0.0	0.0	-2150.99	-0.05	0.99	0.0	-100.79	-4.85
		-10.32	-100.79	-0.01	0.0	100.0	-2146.36	-0.05	0.99	0.0	-1.67	-10.32
2017	2	-3.89	-1.43	8.47e-04	0.0	0.0	-1734.42	-0.04	0.80	0.0	-81.12	-3.89
		-8.29	-81.12	-9.82e-03	0.0	100.0	-1730.86	-0.04	0.80	0.0	-1.43	-8.29
2017	3	-3.66	-1.23	7.98e-04	0.0	0.0	-1619.11	-0.04	0.75	0.0	-75.93	-3.66
		-7.78	-75.93	-9.18e-03	0.0	100.0	-1615.55	-0.04	0.75	0.0	-1.23	-7.78
2017	4	-3.20	-0.84	6.99e-04	0.0	0.0	-1388.56	-0.04	0.65	0.0	-65.57	-3.20
		-6.77	-65.57	-7.88e-03	0.0	100.0	-1385.00	-0.04	0.65	0.0	-0.84	-6.77
2017	5	-3.20	-0.84	6.99e-04	0.0	0.0	-1388.56	-0.04	0.65	0.0	-65.57	-3.20
		-6.77	-65.57	-7.88e-03	0.0	100.0	-1385.00	-0.04	0.65	0.0	-0.84	-6.77
2018	1	10.71	-45.48	-6.48e-04	0.0	0.0	-2103.02	0.06	0.20	0.0	-65.74	4.92
		4.92	-65.74	-0.03	0.0	100.0	-2098.39	0.06	0.20	0.0	-45.48	10.71

2018	2	8.60	-36.67	-5.23e-04	0.0	0.0	-1695.64	0.05	0.16	0.0	-52.93	3.95
		3.95	-52.93	-0.02	0.0	100.0	-1692.08	0.05	0.16	0.0	-36.67	8.60
2018	3	8.07	-34.24	-4.87e-04	0.0	0.0	-1583.01	0.04	0.15	0.0	-49.54	3.71
		3.71	-49.54	-0.02	0.0	100.0	-1579.45	0.04	0.15	0.0	-34.24	8.07
2018	4	7.01	-29.37	-4.17e-04	0.0	0.0	-1357.81	0.04	0.13	0.0	-42.72	3.24
		3.24	-42.72	-0.02	0.0	100.0	-1354.25	0.04	0.13	0.0	-29.37	7.01
2018	5	7.01	-29.37	-4.17e-04	0.0	0.0	-1357.81	0.04	0.13	0.0	-42.72	3.24
		3.24	-42.72	-0.02	0.0	100.0	-1354.25	0.04	0.13	0.0	-29.37	7.01
2019	1	7.61	-142.98	-5.86e-04	0.0	0.0	-1494.13	0.02	5.04	0.0	-647.15	5.76
		5.76	-647.15	-0.08	0.0	100.0	-1489.50	0.02	5.04	0.0	-142.98	7.61
2019	2	6.10	-115.20	-4.73e-04	0.0	0.0	-1204.84	0.01	4.06	0.0	-521.04	4.63
		4.63	-521.04	-0.07	0.0	100.0	-1201.29	0.01	4.06	0.0	-115.20	6.10
2019	3	5.74	-107.67	-4.41e-04	0.0	0.0	-1124.64	0.01	3.80	0.0	-487.50	4.34
		4.34	-487.50	-0.06	0.0	100.0	-1121.08	0.01	3.80	0.0	-107.67	5.74
2019	4	5.03	-92.58	-3.78e-04	0.0	0.0	-964.23	0.01	3.28	0.0	-420.39	3.78
		3.78	-420.39	-0.05	0.0	100.0	-960.68	0.01	3.28	0.0	-92.58	5.03
2019	5	5.03	-92.58	-3.78e-04	0.0	0.0	-964.23	0.01	3.28	0.0	-420.39	3.78
		3.78	-420.39	-0.05	0.0	100.0	-960.68	0.01	3.28	0.0	-92.58	5.03
2020	1	67.74	0.07	-6.95e-03	0.0	0.0	-1645.63	-1.14	-0.08	0.0	0.07	67.74
		-46.00	-7.81	-0.02	0.0	100.0	-1641.00	-1.14	-0.08	0.0	-7.81	-46.00
2020	2	54.54	0.05	-5.60e-03	0.0	0.0	-1326.57	-0.92	-0.06	0.0	0.05	54.54
		-37.07	-6.30	-0.01	0.0	100.0	-1323.01	-0.92	-0.06	0.0	-6.30	-37.07
2020	3	51.02	0.05	-5.23e-03	0.0	0.0	-1238.88	-0.86	-0.06	0.0	0.05	51.02
		-34.63	-5.88	-0.01	0.0	100.0	-1235.33	-0.86	-0.06	0.0	-5.88	-34.63
2020	4	44.01	0.06	-4.51e-03	0.0	0.0	-1063.51	-0.74	-0.05	0.0	0.06	44.01
		-29.78	-5.02	-0.01	0.0	100.0	-1059.95	-0.74	-0.05	0.0	-5.02	-29.78
2020	5	44.01	0.06	-4.51e-03	0.0	0.0	-1063.51	-0.74	-0.05	0.0	0.06	44.01
		-29.78	-5.02	-0.01	0.0	100.0	-1059.95	-0.74	-0.05	0.0	-5.02	-29.78
2021	1	0.0	0.0	9.40e-05	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-6.99e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2021	2	0.0	0.0	7.25e-05	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-5.65e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2021	3	0.0	0.0	7.03e-05	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-5.27e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2021	4	0.0	0.0	6.31e-05	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-4.49e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2021	5	0.0	0.0	6.31e-05	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-4.49e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2022	1	0.0	0.0	-1.19e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	7.61e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2022	2	0.0	0.0	-9.64e-04	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	6.21e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2022	3	0.0	0.0	-9.17e-04	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	5.69e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2022	4	0.0	0.0	-7.79e-04	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	4.67e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2022	5	0.0	0.0	-7.79e-04	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	4.67e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2023	1	8.98	-73.36	2.60e-03	0.0	0.0	-2145.65	0.05	0.55	0.0	-128.35	4.03
		4.03	-128.35	-0.04	0.0	100.0	-2141.03	0.05	0.55	0.0	-73.36	8.98
2023	2	7.21	-59.17	2.10e-03	0.0	0.0	-1729.83	0.04	0.44	0.0	-103.31	3.23
		3.23	-103.31	-0.03	0.0	100.0	-1726.28	0.04	0.44	0.0	-59.17	7.21
2023	3	6.78	-55.21	1.96e-03	0.0	0.0	-1615.27	0.04	0.41	0.0	-96.70	3.04
		3.04	-96.70	-0.03	0.0	100.0	-1611.72	0.04	0.41	0.0	-55.21	6.78
2023	4	5.92	-47.31	1.68e-03	0.0	0.0	-1386.04	0.03	0.36	0.0	-83.48	2.68
		2.68	-83.48	-0.02	0.0	100.0	-1382.48	0.03	0.36	0.0	-47.31	5.92
2023	5	5.92	-47.31	1.68e-03	0.0	0.0	-1386.04	0.03	0.36	0.0	-83.48	2.68
		2.68	-83.48	-0.02	0.0	100.0	-1382.48	0.03	0.36	0.0	-47.31	5.92
2024	1	0.0	0.0	4.84e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-7.56e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2024	2	0.0	0.0	3.91e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-6.30e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2024	3	0.0	0.0	3.63e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-5.28e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2024	4	0.0	0.0	3.09e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-4.11e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2024	5	0.0	0.0	3.09e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-4.11e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2025	1	88.70	2.24	-9.35e-03	0.0	0.0	-2240.90	-1.40	1.07	0.0	-104.57	88.70
		-51.39	-104.57	-0.01	0.0	100.0	-2236.28	-1.40	1.07	0.0	2.24	-51.39
2025	2	71.53	1.76	-7.54e-03	0.0	0.0	-1806.02	-1.13	0.86	0.0	-84.17	71.53
		-41.42	-84.17	-9.95e-03	0.0	100.0	-1802.46	-1.13	0.86	0.0	1.76	-41.42
2025	3	66.78	1.69	-7.05e-03	0.0	0.0	-1687.27	-1.05	0.80	0.0	-78.77	66.78
		-38.70	-78.77	-9.29e-03	0.0	100.0	-1683.71	-1.05	0.80	0.0	1.69	-38.70
2025	4	57.30	1.54	-6.07e-03	0.0	0.0	-1449.68	-0.91	0.70	0.0	-67.98	57.30
		-33.23	-67.98	-7.99e-03	0.0	100.0	-1446.12	-0.91	0.70	0.0	1.54	-33.23
2025	5	57.30	1.54	-6.07e-03	0.0	0.0	-1449.68	-0.91	0.70	0.0	-67.98	57.30



2026	1	-33.23	-67.98	-7.99e-03	0.0	100.0	-1446.12	-0.91	0.70	0.0	1.54	-33.23
		83.44	-40.68	0.01	0.0	0.0	-2427.29	1.77	0.11	0.0	-51.51	-93.63
		-93.63	-51.51	-0.03	0.0	100.0	-2422.67	1.77	0.11	0.0	-40.68	83.44
2026	2	67.28	-32.76	9.95e-03	0.0	0.0	-1956.06	1.43	0.09	0.0	-41.49	-75.31
		-75.31	-41.49	-0.02	0.0	100.0	-1952.51	1.43	0.09	0.0	-32.76	67.28
		62.82	-30.66	9.31e-03	0.0	0.0	-1827.78	1.33	0.08	0.0	-38.82	-70.56
2026	3	-70.56	-38.82	-0.02	0.0	100.0	-1824.23	1.33	0.08	0.0	-30.66	62.82
		53.89	-26.45	8.02e-03	0.0	0.0	-1571.09	1.15	0.07	0.0	-33.42	-61.04
		-61.04	-33.42	-0.02	0.0	100.0	-1567.53	1.15	0.07	0.0	-26.45	53.89
2026	4	53.89	-26.45	8.02e-03	0.0	0.0	-1571.09	1.15	0.07	0.0	-33.42	-61.04
		-61.04	-33.42	-0.02	0.0	100.0	-1567.53	1.15	0.07	0.0	-26.45	53.89
		83.50	-147.33	0.01	0.0	0.0	-1500.09	1.77	4.88	0.0	-634.99	-93.71
2027	1	-93.71	-634.99	-0.08	0.0	100.0	-1495.47	1.77	4.88	0.0	-147.33	83.50
		67.33	-118.70	9.92e-03	0.0	0.0	-1209.37	1.43	3.93	0.0	-511.25	-75.37
		-75.37	-511.25	-0.06	0.0	100.0	-1205.81	1.43	3.93	0.0	-118.70	67.33
2027	2	62.87	-110.95	9.28e-03	0.0	0.0	-1129.30	1.33	3.67	0.0	-478.34	-70.62
		-70.62	-478.34	-0.06	0.0	100.0	-1125.74	1.33	3.67	0.0	-110.95	62.87
		53.94	-95.43	8.00e-03	0.0	0.0	-969.20	1.15	3.17	0.0	-412.47	-61.09
2027	3	-61.09	-412.47	-0.05	0.0	100.0	-965.65	1.15	3.17	0.0	-95.43	53.94
		53.94	-95.43	8.00e-03	0.0	0.0	-969.20	1.15	3.17	0.0	-412.47	-61.09
		-61.09	-412.47	-0.05	0.0	100.0	-965.65	1.15	3.17	0.0	-95.43	53.94
2027	4	4.59	35.96	-3.83e-03	0.0	0.0	-2086.31	0.04	0.29	0.0	6.51	-8.35
		-8.35	6.51	-0.02	0.0	100.0	-2081.68	0.04	0.29	0.0	35.96	-4.59
		-3.64	28.99	-3.08e-03	0.0	0.0	-1682.65	0.03	0.24	0.0	5.20	-6.70
2028	1	-6.70	5.20	-0.01	0.0	100.0	-1679.10	0.03	0.24	0.0	28.99	-3.64
		-3.48	27.08	-2.89e-03	0.0	0.0	-1570.27	0.03	0.22	0.0	4.91	-6.30
		-6.30	4.91	-0.01	0.0	100.0	-1566.71	0.03	0.22	0.0	27.08	-3.48
2028	2	-3.15	23.30	-2.51e-03	0.0	0.0	-1345.57	0.02	0.19	0.0	4.29	-5.50
		-5.50	4.29	-9.88e-03	0.0	100.0	-1342.02	0.02	0.19	0.0	23.30	-3.15
		-3.15	23.30	-2.51e-03	0.0	0.0	-1345.57	0.02	0.19	0.0	4.29	-5.50
2028	3	-5.50	4.29	-9.88e-03	0.0	100.0	-1342.02	0.02	0.19	0.0	23.30	-3.15
		0.19	0.0	7.89e-04	0.0	0.0	-2481.54	4.72e-03	-4.17	0.0	0.0	0.0
		0.0	-166.62	0.04	0.0	40.0	-2479.69	4.72e-03	-4.17	0.0	-166.62	0.19
2039	1	0.15	0.0	6.38e-04	0.0	0.0	-1999.59	3.76e-03	-3.35	0.0	0.0	0.0
		0.0	-134.12	0.04	0.0	40.0	-1998.17	3.76e-03	-3.35	0.0	-134.12	0.15
		0.14	0.0	5.94e-04	0.0	0.0	-1868.56	3.57e-03	-3.14	0.0	0.0	0.0
2039	2	0.0	-125.53	0.03	0.0	40.0	-1867.14	3.57e-03	-3.14	0.0	-125.53	0.14
		0.13	0.0	5.06e-04	0.0	0.0	-1606.46	3.16e-03	-2.71	0.0	0.0	0.0
		0.0	-108.33	0.03	0.0	40.0	-1605.04	3.16e-03	-2.71	0.0	-108.33	0.13
2039	3	0.13	0.0	5.06e-04	0.0	0.0	-1606.46	3.16e-03	-2.71	0.0	0.0	0.0
		0.0	-108.33	0.03	0.0	40.0	-1605.04	3.16e-03	-2.71	0.0	-108.33	0.13
		1.13	0.0	9.74e-05	0.0	0.0	-1519.11	0.03	-3.92	0.0	0.0	0.0
2041	1	0.0	-156.62	0.08	0.0	40.0	-1517.26	0.03	-3.92	0.0	-156.62	1.13
		0.90	0.0	8.28e-05	0.0	0.0	-1224.22	0.02	-3.15	0.0	0.0	0.0
		0.0	-126.11	0.06	0.0	40.0	-1222.79	0.02	-3.15	0.0	-126.11	0.90
2041	2	0.85	0.0	7.18e-05	0.0	0.0	-1143.85	0.02	-2.95	0.0	0.0	0.0
		0.0	-117.98	0.06	0.0	40.0	-1142.43	0.02	-2.95	0.0	-117.98	0.85
		0.75	0.0	4.80e-05	0.0	0.0	-983.03	0.02	-2.54	0.0	0.0	0.0
2041	3	0.0	-101.73	0.05	0.0	40.0	-981.61	0.02	-2.54	0.0	-101.73	0.75
		0.75	0.0	4.80e-05	0.0	0.0	-983.03	0.02	-2.54	0.0	0.0	0.0
		0.0	-101.73	0.05	0.0	40.0	-981.61	0.02	-2.54	0.0	-101.73	0.75
2043	1	0.0	0.0	7.89e-04	0.0	0.0	-2904.70	-3.77e-03	-7.62	0.0	0.0	0.0
		-0.15	-304.76	0.03	0.0	40.0	-2902.85	-3.77e-03	-7.62	0.0	-304.76	-0.15
		0.0	0.0	6.38e-04	0.0	0.0	-2341.57	-3.10e-03	-6.13	0.0	0.0	0.0
2043	2	-0.12	-245.21	0.02	0.0	40.0	-2340.15	-3.10e-03	-6.13	0.0	-245.21	-0.12
		0.0	0.0	5.93e-04	0.0	0.0	-2186.81	-2.83e-03	-5.74	0.0	0.0	0.0
		-0.11	-229.65	0.02	0.0	40.0	-2185.38	-2.83e-03	-5.74	0.0	-229.65	-0.11
2043	3	0.0	0.0	5.06e-04	0.0	0.0	-1877.21	-2.32e-03	-4.96	0.0	0.0	0.0
		-0.09	-198.47	0.02	0.0	40.0	-1875.79	-2.32e-03	-4.96	0.0	-198.47	-0.09
		0.0	0.0	5.06e-04	0.0	0.0	-1877.21	-2.32e-03	-4.96	0.0	0.0	0.0
2043	4	-0.09	-198.47	0.02	0.0	40.0	-1875.79	-2.32e-03	-4.96	0.0	-198.47	-0.09
		0.0	394.61	1.51e-03	0.0	0.0	-2170.86	-0.04	9.87	0.0	0.0	0.0
		-1.62	0.0	-0.03	0.0	40.0	-2169.02	-0.04	9.87	0.0	394.61	-1.62
2045	1	0.0	317.56	1.21e-03	0.0	0.0	-1749.71	-0.03	7.94	0.0	0.0	0.0
		-1.30	0.0	-0.03	0.0	40.0	-1748.29	-0.03	7.94	0.0	317.56	-1.30
		0.0	297.30	1.14e-03	0.0	0.0	-1634.40	-0.03	7.43	0.0	0.0	0.0
2045	2	-1.22	0.0	-0.02	0.0	40.0	-1632.98	-0.03	7.43	0.0	297.30	-1.22
		0.0	256.84	9.99e-04	0.0	0.0	-1403.85	-0.03	6.42	0.0	0.0	0.0
		-1.07	0.0	-0.02	0.0	40.0	-1402.43	-0.03	6.42	0.0	256.84	-1.07
2045	3	0.0	256.84	9.99e-04	0.0	0.0	-1403.85	-0.03	6.42	0.0	0.0	0.0
		-1.07	0.0	-0.02	0.0	40.0	-1402.43	-0.03	6.42	0.0	256.84	-1.07
		68.18	-0.83	-6.98e-03	0.0	0.0	-2266.30	-1.16	1.02	0.0	-102.40	68.18
2053	1	-47.92	-102.40	-0.01	0.0	100.0	-2261.68	-1.16	1.02	0.0	-0.83	-47.92
		54.89	-0.76	-5.62e-03	0.0	0.0	-1826.42	-0.94	0.82	0.0	-82.41	54.89
		-38.62	-82.41	-9.83e-03	0.0	100.0	-1822.87	-0.94	0.82	0.0	-0.76	-38.62
2053	2	51.36	-0.59	-5.26e-03	0.0	0.0	-1706.35	-0.87	0.77	0.0	-77.15	51.36
		-36.08	-77.15	-9.18e-03	0.0	100.0	-1702.79	-0.87	0.77	0.0	-0.59	-36.08

2053	4	44.30	-0.29	-4.53e-03	0.0	0.0	-1466.26	-0.75	0.66	0.0	-66.62	44.30
		-31.02	-66.62	-7.89e-03	0.0	100.0	-1462.70	-0.75	0.66	0.0	-0.29	-31.02
2053	5	44.30	-0.29	-4.53e-03	0.0	0.0	-1466.26	-0.75	0.66	0.0	-66.62	44.30
		-31.02	-66.62	-7.89e-03	0.0	100.0	-1462.70	-0.75	0.66	0.0	-0.29	-31.02
2056	1	6.15	-123.84	2.60e-03	0.0	0.0	-1499.23	0.01	5.72	0.0	-695.82	4.80
		4.80	-695.82	-0.09	0.0	100.0	-1494.61	0.01	5.72	0.0	-123.84	6.15
2056	2	4.92	-99.83	2.10e-03	0.0	0.0	-1208.92	0.01	4.60	0.0	-560.20	3.85
		3.85	-560.20	-0.07	0.0	100.0	-1205.37	0.01	4.60	0.0	-99.83	4.92
2056	3	4.64	-93.23	1.96e-03	0.0	0.0	-1128.56	0.01	4.31	0.0	-524.18	3.62
		3.62	-524.18	-0.07	0.0	100.0	-1125.01	0.01	4.31	0.0	-93.23	4.64
2056	4	4.11	-80.02	1.68e-03	0.0	0.0	-967.74	9.40e-03	3.72	0.0	-452.06	3.17
		3.17	-452.06	-0.06	0.0	100.0	-964.18	9.40e-03	3.72	0.0	-80.02	4.11
2056	5	4.11	-80.02	1.68e-03	0.0	0.0	-967.74	9.40e-03	3.72	0.0	-452.06	3.17
		3.17	-452.06	-0.06	0.0	100.0	-964.18	9.40e-03	3.72	0.0	-80.02	4.11
2059	1	0.0	0.0	-0.01	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	4.80e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2059	2	0.0	0.0	-8.85e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	3.89e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2059	3	0.0	0.0	-8.22e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	3.60e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2059	4	0.0	0.0	-6.95e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	3.04e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2059	5	0.0	0.0	-6.95e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	3.04e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2064	1	39.76	-42.67	5.21e-03	0.0	0.0	-2046.62	0.85	0.32	0.0	-74.48	-45.48
		-45.48	-74.48	-0.03	0.0	100.0	-2042.00	0.85	0.32	0.0	-42.67	39.76
2064	2	32.05	-34.40	4.19e-03	0.0	0.0	-1649.35	0.69	0.26	0.0	-59.97	-36.60
		-36.60	-59.97	-0.02	0.0	100.0	-1645.80	0.69	0.26	0.0	-34.40	32.05
2064	3	29.94	-32.13	3.93e-03	0.0	0.0	-1541.08	0.64	0.24	0.0	-56.12	-34.28
		-34.28	-56.12	-0.02	0.0	100.0	-1537.52	0.64	0.24	0.0	-32.13	29.94
2064	4	25.69	-27.57	3.39e-03	0.0	0.0	-1324.21	0.55	0.21	0.0	-48.40	-29.58
		-29.58	-48.40	-0.02	0.0	100.0	-1320.65	0.55	0.21	0.0	-27.57	25.69
2064	5	25.69	-27.57	3.39e-03	0.0	0.0	-1324.21	0.55	0.21	0.0	-48.40	-29.58
		-29.58	-48.40	-0.02	0.0	100.0	-1320.65	0.55	0.21	0.0	-27.57	25.69
2065	1	0.0	0.0	6.06e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.91e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2065	2	0.0	0.0	4.89e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.66e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2065	3	0.0	0.0	4.55e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.10e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2065	4	0.0	0.0	3.88e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-7.69e-05	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2065	5	0.0	0.0	3.88e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-7.69e-05	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2066	1	37.89	-140.10	5.18e-03	0.0	0.0	-1507.86	0.83	5.15	0.0	-654.69	-45.02
		-45.02	-654.69	-0.08	0.0	100.0	-1503.24	0.83	5.15	0.0	-140.10	37.89
2066	2	30.54	-112.89	4.17e-03	0.0	0.0	-1215.61	0.67	4.14	0.0	-527.11	-36.23
		-36.23	-527.11	-0.07	0.0	100.0	-1212.05	0.67	4.14	0.0	-112.89	30.54
2066	3	28.53	-105.50	3.90e-03	0.0	0.0	-1135.18	0.62	3.88	0.0	-493.19	-33.94
		-33.94	-493.19	-0.06	0.0	100.0	-1131.62	0.62	3.88	0.0	-105.50	28.53
2066	4	24.49	-90.69	3.37e-03	0.0	0.0	-974.21	0.54	3.35	0.0	-425.30	-29.29
		-29.29	-425.30	-0.05	0.0	100.0	-970.65	0.54	3.35	0.0	-90.69	24.49
2066	5	24.49	-90.69	3.37e-03	0.0	0.0	-974.21	0.54	3.35	0.0	-425.30	-29.29
		-29.29	-425.30	-0.05	0.0	100.0	-970.65	0.54	3.35	0.0	-90.69	24.49
2067	1	0.0	0.0	2.45e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	1.54e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2067	2	0.0	0.0	1.97e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	1.31e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2067	3	0.0	0.0	1.83e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	1.16e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2067	4	0.0	0.0	1.56e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	7.60e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2067	5	0.0	0.0	1.56e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	7.60e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2068	1	0.0	0.0	4.69e-04	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-4.84e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2068	2	0.0	0.0	3.72e-04	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.92e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2068	3	0.0	0.0	3.52e-04	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.64e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2068	4	0.0	0.0	3.14e-04	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.07e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2068	5	0.0	0.0	3.14e-04	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.07e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2069	1	0.0	0.0	3.93e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2069	2	0.0	0.0	3.17e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0



		0.0	0.0	-8.75e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2069	3	0.0	0.0	2.95e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-8.22e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2069	4	0.0	0.0	2.52e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-7.23e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2069	5	0.0	0.0	2.52e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-7.23e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2070	1	0.0	0.0	-9.16e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	4.85e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2070	2	0.0	0.0	-7.41e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	3.95e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2070	3	0.0	0.0	-6.88e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	3.62e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2070	4	0.0	0.0	-5.81e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	2.99e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2070	5	0.0	0.0	-5.81e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	2.99e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2071	1	0.0	0.0	5.10e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.70e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2071	2	0.0	0.0	4.12e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.47e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2071	3	0.0	0.0	3.82e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-9.78e-05	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2071	4	0.0	0.0	3.25e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-7.36e-05	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2071	5	0.0	0.0	3.25e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-7.36e-05	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2073	1	0.0	0.0	0.02	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.49e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2073	2	0.0	0.0	0.01	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.17e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2073	3	0.0	0.0	0.01	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.51e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2073	4	0.0	0.0	0.01	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.01e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2073	5	0.0	0.0	0.01	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.01e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2074	1	0.0	0.0	3.86e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.41e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2074	2	0.0	0.0	3.12e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.15e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2074	3	0.0	0.0	2.89e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.02e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2074	4	0.0	0.0	2.45e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-8.57e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2074	5	0.0	0.0	2.45e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-8.57e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2075	1	0.0	0.0	0.02	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.22e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2075	2	0.0	0.0	0.01	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-9.89e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2075	3	0.0	0.0	0.01	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-8.83e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2075	4	0.0	0.0	0.01	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-7.51e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2075	5	0.0	0.0	0.01	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-7.51e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2084	1	0.0	0.0	-0.01	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2084	2	0.0	0.0	-8.22e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2084	3	0.0	0.0	-7.66e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2084	4	0.0	0.0	-6.53e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2084	5	0.0	0.0	-6.53e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2085	1	0.0	0.0	-9.03e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2085	2	0.0	0.0	-7.29e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2085	3	0.0	0.0	-6.79e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2085	4	0.0	0.0	-5.79e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2085	5	0.0	0.0	-5.79e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0

2086	1	30.88	4.30	-0.01	0.0	0.0	-1269.24	0.61	0.09	0.0	-4.80	-30.03
		-30.03	-4.80	-0.02	0.0	100.0	-1264.61	0.61	0.09	0.0	4.30	30.88
2086	2	24.96	3.43	-9.06e-03	0.0	0.0	-1022.80	0.49	0.07	0.0	-3.87	-24.16
		-24.16	-3.87	-0.02	0.0	100.0	-1019.24	0.49	0.07	0.0	3.43	24.96
2086	3	23.20	3.23	-8.49e-03	0.0	0.0	-955.73	0.46	0.07	0.0	-3.61	-22.62
		-22.62	-3.61	-0.01	0.0	100.0	-952.17	0.46	0.07	0.0	3.23	23.20
2086	4	19.70	2.85	-7.36e-03	0.0	0.0	-821.48	0.39	0.06	0.0	-3.09	-19.54
		-19.54	-3.09	-0.01	0.0	100.0	-817.93	0.39	0.06	0.0	2.85	19.70
2086	5	19.70	2.85	-7.36e-03	0.0	0.0	-821.48	0.39	0.06	0.0	-3.09	-19.54
		-19.54	-3.09	-0.01	0.0	100.0	-817.93	0.39	0.06	0.0	2.85	19.70
2087	1	37.96	18.50	-0.01	0.0	0.0	-1817.55	0.70	0.02	0.0	16.98	-31.86
		-31.86	16.98	-0.01	0.0	100.0	-1812.92	0.70	0.02	0.0	18.50	37.96
2087	2	30.67	14.82	-9.06e-03	0.0	0.0	-1463.91	0.56	0.01	0.0	13.69	-25.63
		-25.63	13.69	-0.01	0.0	100.0	-1460.35	0.56	0.01	0.0	14.82	30.67
2087	3	28.54	13.97	-8.49e-03	0.0	0.0	-1368.85	0.53	0.01	0.0	12.78	-24.00
		-24.00	12.78	-0.01	0.0	100.0	-1365.29	0.53	0.01	0.0	13.97	28.54
2087	4	24.30	12.28	-7.36e-03	0.0	0.0	-1178.66	0.45	0.01	0.0	10.96	-20.73
		-20.73	10.96	-9.19e-03	0.0	100.0	-1175.10	0.45	0.01	0.0	12.28	24.30
2087	5	24.30	12.28	-7.36e-03	0.0	0.0	-1178.66	0.45	0.01	0.0	10.96	-20.73
		-20.73	10.96	-9.19e-03	0.0	100.0	-1175.10	0.45	0.01	0.0	12.28	24.30
2088	1	0.0	0.0	9.16e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2088	2	0.0	0.0	7.39e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2088	3	0.0	0.0	6.89e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2088	4	0.0	0.0	5.87e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2088	5	0.0	0.0	5.87e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2089	1	0.0	0.0	0.01	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2089	2	0.0	0.0	8.33e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2089	3	0.0	0.0	7.75e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2089	4	0.0	0.0	6.61e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2089	5	0.0	0.0	6.61e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2090	1	0.0	0.0	-2.25e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2090	2	0.0	0.0	-1.81e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2090	3	0.0	0.0	-1.69e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2090	4	0.0	0.0	-1.45e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2090	5	0.0	0.0	-1.45e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2091	1	0.0	0.0	-1.50e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2091	2	0.0	0.0	-1.21e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2091	3	0.0	0.0	-1.13e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2091	4	0.0	0.0	-9.71e-04	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2091	5	0.0	0.0	-9.71e-04	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2092	1	42.40	8.23	-0.01	0.0	0.0	-1354.86	0.94	-0.42	0.0	8.23	-40.41
		-40.41	-28.93	1.55e-03	0.0	88.0	-1350.79	0.94	-0.42	0.0	-28.93	42.40
2092	2	34.22	6.42	-0.01	0.0	0.0	-1095.27	0.76	-0.34	0.0	6.42	-32.71
		-32.71	-23.19	1.20e-03	0.0	88.0	-1092.15	0.76	-0.34	0.0	-23.19	34.22
2092	3	31.90	6.30	-9.74e-03	0.0	0.0	-1018.64	0.71	-0.32	0.0	6.30	-30.34
		-30.34	-21.79	1.20e-03	0.0	88.0	-1015.51	0.71	-0.32	0.0	-21.79	31.90
2092	4	27.28	5.99	-8.31e-03	0.0	0.0	-865.30	0.60	-0.28	0.0	5.99	-25.61
		-25.61	-19.08	1.16e-03	0.0	88.0	-862.17	0.60	-0.28	0.0	-19.08	27.28
2092	5	27.28	5.99	-8.31e-03	0.0	0.0	-865.30	0.60	-0.28	0.0	5.99	-25.61
		-25.61	-19.08	1.16e-03	0.0	88.0	-862.17	0.60	-0.28	0.0	-19.08	27.28
2093	1	44.68	4.26	0.02	0.0	0.0	-1353.06	-1.03	0.03	0.0	1.65	44.68
		-45.62	1.65	-9.73e-03	0.0	88.0	-1348.99	-1.03	0.03	0.0	4.26	-45.62
2093	2	36.13	3.43	0.01	0.0	0.0	-1093.96	-0.83	0.02	0.0	1.30	36.13
		-36.83	1.30	-7.85e-03	0.0	88.0	-1090.83	-0.83	0.02	0.0	3.43	-36.83
2093	3	33.59	3.20	0.01	0.0	0.0	-1017.23	-0.77	0.02	0.0	1.20	33.59
		-34.32	1.20	-7.34e-03	0.0	88.0	-1014.10	-0.77	0.02	0.0	3.20	-34.32
2093	4	28.51	2.75	0.01	0.0	0.0	-863.75	-0.66	0.02	0.0	1.11	28.51



2093	5	-29.30	1.11	-6.29e-03	0.0	88.0	-860.62	-0.66	0.02	0.0	2.75	-29.30
		28.51	2.75	0.01	0.0	0.0	-863.75	-0.66	0.02	0.0	1.11	28.51
		-29.30	1.11	-6.29e-03	0.0	88.0	-860.62	-0.66	0.02	0.0	2.75	-29.30
2094	1	0.0	0.0	1.40e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2094	2	0.0	0.0	1.12e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2094	3	0.0	0.0	1.05e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2094	4	0.0	0.0	8.99e-04	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2094	5	0.0	0.0	8.99e-04	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2095	1	0.0	0.0	2.52e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2095	2	0.0	0.0	2.03e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2095	3	0.0	0.0	1.89e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2095	4	0.0	0.0	1.62e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2095	5	0.0	0.0	1.62e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2096	1	0.0	0.0	-1.85e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-9.13e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2096	2	0.0	0.0	-1.50e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-7.40e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2096	3	0.0	0.0	-1.39e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-6.86e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2096	4	0.0	0.0	-1.21e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-5.76e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2096	5	0.0	0.0	-1.21e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-5.76e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2097	1	0.0	0.0	-1.91e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2097	2	0.0	0.0	-1.54e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2097	3	0.0	0.0	-1.43e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2097	4	0.0	0.0	-1.23e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-8.90e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2097	5	0.0	0.0	-1.23e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-8.90e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2100	1	0.0	0.0	1.78e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2100	2	0.0	0.0	1.43e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2100	3	0.0	0.0	1.34e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2100	4	0.0	0.0	1.14e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-8.83e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2100	5	0.0	0.0	1.14e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-8.83e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2101	1	0.0	0.0	2.85e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-9.08e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2101	2	0.0	0.0	2.30e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-7.36e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2101	3	0.0	0.0	2.15e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-6.79e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2101	4	0.0	0.0	1.83e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-5.72e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2101	5	0.0	0.0	1.83e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-5.72e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2102	1	0.0	0.0	-0.01	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-4.11e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2102	2	0.0	0.0	-0.01	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.34e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2102	3	0.0	0.0	-9.94e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.09e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2102	4	0.0	0.0	-8.44e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.58e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2102	5	0.0	0.0	-8.44e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.58e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2103	1	0.0	0.0	-0.01	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-7.34e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2103	2	0.0	0.0	-9.20e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-5.96e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0

2103	3	0.0	0.0	-8.56e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-5.51e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2103	4	0.0	0.0	-7.26e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-4.60e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2103	5	0.0	0.0	-7.26e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-4.60e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2106	1	0.0	0.0	0.01	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-7.14e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2106	2	0.0	0.0	8.99e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-5.80e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2106	3	0.0	0.0	8.36e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-5.33e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2106	4	0.0	0.0	7.09e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-4.45e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2106	5	0.0	0.0	7.09e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-4.45e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2107	1	0.0	0.0	0.01	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.87e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2107	2	0.0	0.0	9.62e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.15e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2107	3	0.0	0.0	8.94e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.88e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2107	4	0.0	0.0	7.59e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.42e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2107	5	0.0	0.0	7.59e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.42e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2108	1	0.0	0.0	-0.01	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.68e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2108	2	0.0	0.0	-0.01	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.36e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2108	3	0.0	0.0	-0.01	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.27e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2108	4	0.0	0.0	-8.59e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.06e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2108	5	0.0	0.0	-8.59e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.06e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2109	1	0.0	0.0	-0.01	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.69e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2109	2	0.0	0.0	-9.39e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.99e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2109	3	0.0	0.0	-8.73e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.77e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2109	4	0.0	0.0	-7.41e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.33e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2109	5	0.0	0.0	-7.41e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.33e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2112	1	0.0	0.0	0.01	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.37e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2112	2	0.0	0.0	9.20e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.74e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2112	3	0.0	0.0	8.55e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.51e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2112	4	0.0	0.0	7.25e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.11e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2112	5	0.0	0.0	7.25e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.11e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2113	1	0.0	0.0	0.01	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.24e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2113	2	0.0	0.0	9.88e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.01e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2113	3	0.0	0.0	9.18e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-9.10e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2113	4	0.0	0.0	7.79e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-7.71e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2113	5	0.0	0.0	7.79e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-7.71e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2114	1	0.0	0.0	-1.95e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-6.10e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2114	2	0.0	0.0	-1.58e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-4.96e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2114	3	0.0	0.0	-1.48e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-4.66e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2114	4	0.0	0.0	-1.27e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.87e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2114	5	0.0	0.0	-1.27e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.87e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2115	1	0.0	0.0	-2.08e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0



2115	2	0.0	0.0	-1.63e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.68e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.31e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2115	3	0.0	0.0	-1.57e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.23e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2115	4	0.0	0.0	-1.34e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.04e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2115	5	0.0	0.0	-1.34e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.04e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2118	1	0.0	0.0	1.94e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.08e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2118	2	0.0	0.0	1.56e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-8.77e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2118	3	0.0	0.0	1.45e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-7.83e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2118	4	0.0	0.0	1.24e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-6.68e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2118	5	0.0	0.0	1.24e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-6.68e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2119	1	0.0	0.0	3.16e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	1.73e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2119	2	0.0	0.0	2.55e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	1.35e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2119	3	0.0	0.0	2.37e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	1.56e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2119	4	0.0	0.0	2.02e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	1.23e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2119	5	0.0	0.0	2.02e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	1.23e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2120	1	0.0	0.0	-2.15e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-5.17e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2120	2	0.0	0.0	-1.74e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-4.22e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2120	3	0.0	0.0	-1.62e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.94e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2120	4	0.0	0.0	-1.36e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.23e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2120	5	0.0	0.0	-1.36e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.23e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2121	1	0.0	0.0	-2.06e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.42e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2121	2	0.0	0.0	-1.67e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.83e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2121	3	0.0	0.0	-1.55e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.56e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2121	4	0.0	0.0	-1.30e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.91e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2121	5	0.0	0.0	-1.30e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.91e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2122	1	1.39	0.0	-1.49e-03	0.0	0.0	-1526.44	0.03	-4.93	0.0	0.0	0.0
		0.0	-197.33	0.08	0.0	40.0	-1524.59	0.03	-4.93	0.0	-197.33	1.39
2122	2	1.12	0.0	-1.20e-03	0.0	0.0	-1230.16	0.03	-3.97	0.0	0.0	0.0
		0.0	-158.87	0.06	0.0	40.0	-1228.74	0.03	-3.97	0.0	-158.87	1.12
2122	3	1.05	0.0	-1.12e-03	0.0	0.0	-1149.26	0.03	-3.72	0.0	0.0	0.0
		0.0	-148.65	0.06	0.0	40.0	-1147.83	0.03	-3.72	0.0	-148.65	1.05
2122	4	0.92	0.0	-9.74e-04	0.0	0.0	-987.58	0.02	-3.20	0.0	0.0	0.0
		0.0	-128.20	0.05	0.0	40.0	-986.15	0.02	-3.20	0.0	-128.20	0.92
2122	5	0.92	0.0	-9.74e-04	0.0	0.0	-987.58	0.02	-3.20	0.0	0.0	0.0
		0.0	-128.20	0.05	0.0	40.0	-986.15	0.02	-3.20	0.0	-128.20	0.92
2123	1	0.0	1.69	1.51e-03	0.0	0.0	-1565.08	-0.03	0.04	0.0	0.0	0.0
		-1.36	0.0	-7.04e-03	0.0	40.0	-1563.23	-0.03	0.04	0.0	1.69	-1.36
2123	2	0.0	1.36	1.21e-03	0.0	0.0	-1261.33	-0.03	0.03	0.0	0.0	0.0
		-1.09	0.0	-5.67e-03	0.0	40.0	-1259.91	-0.03	0.03	0.0	1.36	-1.09
2123	3	0.0	1.27	1.14e-03	0.0	0.0	-1178.38	-0.03	0.03	0.0	0.0	0.0
		-1.03	0.0	-5.30e-03	0.0	40.0	-1176.95	-0.03	0.03	0.0	1.27	-1.03
2123	4	0.0	1.11	9.99e-04	0.0	0.0	-1012.51	-0.02	0.03	0.0	0.0	0.0
		-0.90	0.0	-4.57e-03	0.0	40.0	-1011.09	-0.02	0.03	0.0	1.11	-0.90
2123	5	0.0	1.11	9.99e-04	0.0	0.0	-1012.51	-0.02	0.03	0.0	0.0	0.0
		-0.90	0.0	-4.57e-03	0.0	40.0	-1011.09	-0.02	0.03	0.0	1.11	-0.90
2124	1	0.0	0.0	2.17e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	8.67e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2124	2	0.0	0.0	1.75e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	6.88e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2124	3	0.0	0.0	1.63e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	6.85e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2124	4	0.0	0.0	1.41e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	6.05e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0

2124	5	0.0	0.0	1.41e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	6.05e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2125	1	0.0	0.0	3.54e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	1.02e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2125	2	0.0	0.0	2.85e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	8.14e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2125	3	0.0	0.0	2.66e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	7.92e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2125	4	0.0	0.0	2.29e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	6.72e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2125	5	0.0	0.0	2.29e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	6.72e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2126	1	0.0	0.0	-0.01	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.04e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2126	2	0.0	0.0	-0.01	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.65e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2126	3	0.0	0.0	-0.01	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.54e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2126	4	0.0	0.0	-8.71e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.30e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2126	5	0.0	0.0	-8.71e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.30e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2127	1	0.0	0.0	-0.01	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.09e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2127	2	0.0	0.0	-9.37e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-8.93e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2127	3	0.0	0.0	-8.71e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-8.22e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2127	4	0.0	0.0	-7.38e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-6.68e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2127	5	0.0	0.0	-7.38e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-6.68e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2128	1	50.04	10.79	-0.01	0.0	0.0	-1314.90	1.06	-0.47	0.0	10.79	-43.38
		-43.38	-30.13	1.70e-03	0.0	88.0	-1310.83	1.06	-0.47	0.0	-30.13	50.04
2128	2	40.41	8.50	-0.01	0.0	0.0	-1062.72	0.86	-0.37	0.0	8.50	-35.16
		-35.16	-24.17	1.32e-03	0.0	88.0	-1059.59	0.86	-0.37	0.0	-24.17	40.41
2128	3	37.64	8.23	-0.01	0.0	0.0	-988.65	0.80	-0.35	0.0	8.23	-32.64
		-32.64	-22.70	1.31e-03	0.0	88.0	-985.52	0.80	-0.35	0.0	-22.70	37.64
2128	4	32.11	7.65	-9.48e-03	0.0	0.0	-840.49	0.68	-0.31	0.0	7.65	-27.54
		-27.54	-19.90	1.25e-03	0.0	88.0	-837.36	0.68	-0.31	0.0	-19.90	32.11
2128	5	32.11	7.65	-9.48e-03	0.0	0.0	-840.49	0.68	-0.31	0.0	7.65	-27.54
		-27.54	-19.90	1.25e-03	0.0	88.0	-837.36	0.68	-0.31	0.0	-19.90	32.11
2129	1	49.62	4.32	0.02	0.0	0.0	-1330.56	-1.15	-0.01	0.0	4.32	49.62
		-51.53	3.23	-9.57e-03	0.0	88.0	-1326.49	-1.15	-0.01	0.0	3.23	-51.53
2129	2	40.14	3.45	0.01	0.0	0.0	-1075.46	-0.93	-9.53e-03	0.0	3.45	40.14
		-41.63	2.61	-7.72e-03	0.0	88.0	-1072.33	-0.93	-9.53e-03	0.0	2.61	-41.63
2129	3	37.26	3.20	0.01	0.0	0.0	-1000.40	-0.86	-8.65e-03	0.0	3.20	37.26
		-38.76	2.44	-7.22e-03	0.0	88.0	-997.27	-0.86	-8.65e-03	0.0	2.44	-38.76
2129	4	31.54	2.82	0.01	0.0	0.0	-850.25	-0.73	-8.32e-03	0.0	2.82	31.54
		-33.00	2.09	-6.19e-03	0.0	88.0	-847.12	-0.73	-8.32e-03	0.0	2.09	-33.00
2129	5	31.54	2.82	0.01	0.0	0.0	-850.25	-0.73	-8.32e-03	0.0	2.82	31.54
		-33.00	2.09	-6.19e-03	0.0	88.0	-847.12	-0.73	-8.32e-03	0.0	2.09	-33.00
2130	1	0.0	0.0	0.01	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	1.24e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2130	2	0.0	0.0	9.43e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	9.84e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2130	3	0.0	0.0	8.77e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	9.62e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2130	4	0.0	0.0	7.44e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	8.50e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2130	5	0.0	0.0	7.44e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	8.50e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2131	1	0.0	0.0	0.01	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	1.03e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2131	2	0.0	0.0	0.01	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	8.22e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2131	3	0.0	0.0	9.50e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	8.03e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2131	4	0.0	0.0	8.07e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	6.89e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2131	5	0.0	0.0	8.07e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	6.89e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2132	1	0.0	0.0	-0.01	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-4.89e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2132	2	0.0	0.0	-0.01	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.95e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2132	3	0.0	0.0	-9.90e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0

		0.0	0.0	-3.69e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2132	4	0.0	0.0	-8.40e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.14e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2132	5	0.0	0.0	-8.40e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.14e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2133	1	0.0	0.0	-0.01	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.70e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2133	2	0.0	0.0	-8.96e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.99e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2133	3	0.0	0.0	-8.33e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.79e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2133	4	0.0	0.0	-7.06e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.36e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2133	5	0.0	0.0	-7.06e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.36e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2135	1	443.19	32.09	-0.03	0.0	0.0	-2179.14	11.08	0.80	0.0	0.0	0.0
		0.0	0.0	-6.74e-03	0.0	40.0	-2177.29	11.08	0.80	0.0	32.09	443.19
2135	2	356.47	25.90	-0.03	0.0	0.0	-1753.45	8.91	0.65	0.0	0.0	0.0
		0.0	0.0	-5.43e-03	0.0	40.0	-1752.03	8.91	0.65	0.0	25.90	356.47
2135	3	334.05	24.16	-0.02	0.0	0.0	-1642.02	8.35	0.60	0.0	0.0	0.0
		0.0	0.0	-5.07e-03	0.0	40.0	-1640.60	8.35	0.60	0.0	24.16	334.05
2135	4	289.26	20.63	-0.02	0.0	0.0	-1419.06	7.23	0.52	0.0	0.0	0.0
		0.0	0.0	-4.36e-03	0.0	40.0	-1417.63	7.23	0.52	0.0	20.63	289.26
2135	5	289.26	20.63	-0.02	0.0	0.0	-1419.06	7.23	0.52	0.0	0.0	0.0
		0.0	0.0	-4.36e-03	0.0	40.0	-1417.63	7.23	0.52	0.0	20.63	289.26
2136	1	0.0	0.0	0.01	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.57e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2136	2	0.0	0.0	9.91e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.16e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2136	3	0.0	0.0	9.21e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.61e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2136	4	0.0	0.0	7.82e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.26e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2136	5	0.0	0.0	7.82e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.26e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2137	1	0.0	0.0	0.01	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	3.29e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2137	2	0.0	0.0	0.01	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	2.58e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2137	3	0.0	0.0	9.88e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	2.77e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2137	4	0.0	0.0	8.39e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	2.42e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2137	5	0.0	0.0	8.39e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	2.42e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2138	1	0.0	0.0	-5.45e-04	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-7.22e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2138	2	0.0	0.0	-4.42e-04	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-5.83e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2138	3	0.0	0.0	-4.15e-04	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-5.44e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2138	4	0.0	0.0	-3.63e-04	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-4.64e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2138	5	0.0	0.0	-3.63e-04	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-4.64e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2139	1	0.0	0.0	-4.87e-04	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-5.50e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2139	2	0.0	0.0	-3.98e-04	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-4.45e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2139	3	0.0	0.0	-3.70e-04	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-4.14e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2139	4	0.0	0.0	-3.12e-04	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.52e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2139	5	0.0	0.0	-3.12e-04	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.52e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2140	1	-5.55	-0.39	7.08e-04	0.0	0.0	-1517.67	-0.02	-0.06	0.0	-0.39	-5.55
		-7.50	-6.50	-0.02	0.0	100.0	-1513.05	-0.02	-0.06	0.0	-6.50	-7.50
2140	2	-4.45	-0.32	5.68e-04	0.0	0.0	-1223.85	-0.02	-0.05	0.0	-0.32	-4.45
		-6.00	-5.24	-0.01	0.0	100.0	-1220.29	-0.02	-0.05	0.0	-5.24	-6.00
2140	3	-4.18	-0.29	5.35e-04	0.0	0.0	-1142.38	-0.01	-0.05	0.0	-0.29	-4.18
		-5.66	-4.89	-0.01	0.0	100.0	-1138.82	-0.01	-0.05	0.0	-4.89	-5.66
2140	4	-3.65	-0.23	4.70e-04	0.0	0.0	-979.40	-0.01	-0.04	0.0	-0.23	-3.65
		-4.97	-4.19	-0.01	0.0	100.0	-975.84	-0.01	-0.04	0.0	-4.19	-4.97
2140	5	-3.65	-0.23	4.70e-04	0.0	0.0	-979.40	-0.01	-0.04	0.0	-0.23	-3.65
		-4.97	-4.19	-0.01	0.0	100.0	-975.84	-0.01	-0.04	0.0	-4.19	-4.97
2141	1	12.19	109.74	2.05e-03	0.0	0.0	-2083.82	-0.02	1.40	0.0	-30.13	12.19
		9.85	-30.13	-0.03	0.0	100.0	-2079.20	-0.02	1.40	0.0	109.74	9.85

2141	2	9.80	88.36	1.64e-03	0.0	0.0	-1680.53	-0.02	1.13	0.0	-24.30	9.80
		7.89	-24.30	-0.02	0.0	100.0	-1676.97	-0.02	1.13	0.0	88.36	7.89
2141	3	9.19	82.69	1.55e-03	0.0	0.0	-1568.46	-0.02	1.05	0.0	-22.70	9.19
		7.44	-22.70	-0.02	0.0	100.0	-1564.90	-0.02	1.05	0.0	82.69	7.44
2141	4	7.98	71.36	1.37e-03	0.0	0.0	-1344.15	-0.01	0.91	0.0	-19.51	7.98
		6.55	-19.51	-0.02	0.0	100.0	-1340.59	-0.01	0.91	0.0	71.36	6.55
2141	5	7.98	71.36	1.37e-03	0.0	0.0	-1344.15	-0.01	0.91	0.0	-19.51	7.98
		6.55	-19.51	-0.02	0.0	100.0	-1340.59	-0.01	0.91	0.0	71.36	6.55
2142	1	20.64	289.91	2.06e-03	0.0	0.0	-1493.67	0.11	4.39	0.0	-149.55	9.33
		9.33	-149.55	-0.14	0.0	100.0	-1489.04	0.11	4.39	0.0	289.91	20.64
2142	2	16.60	233.52	1.64e-03	0.0	0.0	-1204.85	0.09	3.54	0.0	-120.49	7.49
		7.49	-120.49	-0.12	0.0	100.0	-1201.29	0.09	3.54	0.0	233.52	16.60
2142	3	15.55	218.35	1.56e-03	0.0	0.0	-1124.10	0.09	3.31	0.0	-112.63	7.04
		7.04	-112.63	-0.11	0.0	100.0	-1120.54	0.09	3.31	0.0	218.35	15.55
2142	4	13.46	188.00	1.38e-03	0.0	0.0	-962.55	0.07	2.85	0.0	-96.90	6.14
		6.14	-96.90	-0.09	0.0	100.0	-958.99	0.07	2.85	0.0	188.00	13.46
2142	5	13.46	188.00	1.38e-03	0.0	0.0	-962.55	0.07	2.85	0.0	-96.90	6.14
		6.14	-96.90	-0.09	0.0	100.0	-958.99	0.07	2.85	0.0	188.00	13.46
2143	1	-4.80	-0.69	7.57e-04	0.0	0.0	-2139.12	-0.05	1.01	0.0	-101.50	-4.80
		-10.24	-101.50	-0.01	0.0	100.0	-2134.50	-0.05	1.01	0.0	-0.69	-10.24
2143	2	-3.85	-0.62	6.07e-04	0.0	0.0	-1724.87	-0.04	0.81	0.0	-81.70	-3.85
		-8.22	-81.70	-9.86e-03	0.0	100.0	-1721.32	-0.04	0.81	0.0	-0.62	-8.22
2143	3	-3.62	-0.50	5.72e-04	0.0	0.0	-1610.17	-0.04	0.76	0.0	-76.46	-3.62
		-7.72	-76.46	-9.21e-03	0.0	100.0	-1606.62	-0.04	0.76	0.0	-0.50	-7.72
2143	4	-3.17	-0.29	5.01e-04	0.0	0.0	-1380.80	-0.04	0.66	0.0	-66.00	-3.17
		-6.72	-66.00	-7.92e-03	0.0	100.0	-1377.24	-0.04	0.66	0.0	-0.29	-6.72
2143	5	-3.17	-0.29	5.01e-04	0.0	0.0	-1380.80	-0.04	0.66	0.0	-66.00	-3.17
		-6.72	-66.00	-7.92e-03	0.0	100.0	-1377.24	-0.04	0.66	0.0	-0.29	-6.72
2144	1	35.26	6.77	-0.01	0.0	0.0	-1511.09	0.75	0.12	0.0	-5.58	-39.79
		-39.79	-5.58	-0.02	0.0	100.0	-1506.47	0.75	0.12	0.0	6.77	35.26
2144	2	28.52	5.42	-9.80e-03	0.0	0.0	-1218.79	0.61	0.10	0.0	-4.50	-32.06
		-32.06	-4.50	-0.02	0.0	100.0	-1215.24	0.61	0.10	0.0	5.42	28.52
2144	3	26.50	5.08	-9.17e-03	0.0	0.0	-1137.29	0.56	0.09	0.0	-4.20	-29.96
		-29.96	-4.20	-0.01	0.0	100.0	-1133.73	0.56	0.09	0.0	5.08	26.50
2144	4	22.47	4.43	-7.91e-03	0.0	0.0	-974.27	0.48	0.08	0.0	-3.59	-25.78
		-25.78	-3.59	-0.01	0.0	100.0	-970.71	0.48	0.08	0.0	4.43	22.47
2144	5	22.47	4.43	-7.91e-03	0.0	0.0	-974.27	0.48	0.08	0.0	-3.59	-25.78
		-25.78	-3.59	-0.01	0.0	100.0	-970.71	0.48	0.08	0.0	4.43	22.47
2147	1	43.01	39.51	-0.01	0.0	0.0	-2160.63	0.85	0.35	0.0	4.88	-41.73
		-41.73	4.88	-0.02	0.0	100.0	-2156.00	0.85	0.35	0.0	39.51	43.01
2147	2	34.77	31.86	-9.80e-03	0.0	0.0	-1742.00	0.68	0.28	0.0	3.89	-33.62
		-33.62	3.89	-0.01	0.0	100.0	-1738.45	0.68	0.28	0.0	31.86	34.77
2147	3	32.33	29.75	-9.17e-03	0.0	0.0	-1626.43	0.64	0.26	0.0	3.68	-31.42
		-31.42	3.68	-0.01	0.0	100.0	-1622.87	0.64	0.26	0.0	29.75	32.33
2147	4	27.47	25.57	-7.91e-03	0.0	0.0	-1395.27	0.55	0.22	0.0	3.24	-27.03
		-27.03	3.24	-0.01	0.0	100.0	-1391.72	0.55	0.22	0.0	25.57	27.47
2147	5	27.47	25.57	-7.91e-03	0.0	0.0	-1395.27	0.55	0.22	0.0	3.24	-27.03
		-27.03	3.24	-0.01	0.0	100.0	-1391.72	0.55	0.22	0.0	25.57	27.47
2157	1	0.0	402.21	0.02	0.0	0.0	-2026.68	-6.19	10.06	0.0	0.0	0.0
		-247.47	0.0	-0.03	0.0	40.0	-2024.83	-6.19	10.06	0.0	402.21	-247.47
2157	2	0.0	323.69	0.01	0.0	0.0	-1631.87	-4.98	8.09	0.0	0.0	0.0
		-199.02	0.0	-0.03	0.0	40.0	-1630.45	-4.98	8.09	0.0	323.69	-199.02
2157	3	0.0	303.02	0.01	0.0	0.0	-1526.55	-4.66	7.58	0.0	0.0	0.0
		-186.51	0.0	-0.02	0.0	40.0	-1525.13	-4.66	7.58	0.0	303.02	-186.51
2157	4	0.0	261.73	0.01	0.0	0.0	-1316.07	-4.04	6.54	0.0	0.0	0.0
		-161.52	0.0	-0.02	0.0	40.0	-1314.65	-4.04	6.54	0.0	261.73	-161.52
2157	5	0.0	261.73	0.01	0.0	0.0	-1316.07	-4.04	6.54	0.0	0.0	0.0
		-161.52	0.0	-0.02	0.0	40.0	-1314.65	-4.04	6.54	0.0	261.73	-161.52
2161	1	1.93	23.45	-2.29e-03	0.0	0.0	-2115.02	0.05	0.59	0.0	0.0	0.0
		0.0	0.0	-5.88e-03	0.0	40.0	-2113.17	0.05	0.59	0.0	23.45	1.93
2161	2	1.55	18.93	-1.84e-03	0.0	0.0	-1704.53	0.04	0.47	0.0	0.0	0.0
		0.0	0.0	-4.74e-03	0.0	40.0	-1703.11	0.04	0.47	0.0	18.93	1.55
2161	3	1.46	17.67	-1.72e-03	0.0	0.0	-1592.46	0.04	0.44	0.0	0.0	0.0
		0.0	0.0	-4.43e-03	0.0	40.0	-1591.04	0.04	0.44	0.0	17.67	1.46
2161	4	1.26	15.05	-1.49e-03	0.0	0.0	-1368.15	0.03	0.38	0.0	0.0	0.0
		0.0	0.0	-3.81e-03	0.0	40.0	-1366.73	0.03	0.38	0.0	15.05	1.26
2161	5	1.26	15.05	-1.49e-03	0.0	0.0	-1368.15	0.03	0.38	0.0	0.0	0.0
		0.0	0.0	-3.81e-03	0.0	40.0	-1366.73	0.03	0.38	0.0	15.05	1.26
2164	1	3.14	46.14	-2.02e-03	0.0	0.0	-2200.03	0.08	1.15	0.0	0.0	0.0
		0.0	0.0	-1.25e-03	0.0	40.0	-2198.18	0.08	1.15	0.0	46.14	3.14
2164	2	2.53	37.18	-1.62e-03	0.0	0.0	-1773.40	0.06	0.93	0.0	0.0	0.0
		0.0	0.0	-1.01e-03	0.0	40.0	-1771.98	0.06	0.93	0.0	37.18	2.53
2164	3	2.37	34.76	-1.53e-03	0.0	0.0	-1656.27	0.06	0.87	0.0	0.0	0.0
		0.0	0.0	-9.40e-04	0.0	40.0	-1654.85	0.06	0.87	0.0	34.76	2.37
2164	4	2.06	29.84	-1.34e-03	0.0	0.0	-1421.96	0.05	0.75	0.0	0.0	0.0
		0.0	0.0	-7.93e-04	0.0	40.0	-1420.54	0.05	0.75	0.0	29.84	2.06
2164	5	2.06	29.84	-1.34e-03	0.0	0.0	-1421.96	0.05	0.75	0.0	0.0	0.0



		0.0	0.0	-7.93e-04	0.0	40.0	-1420.54	0.05	0.75	0.0	29.84	2.06
2166	1	1.68	18.15	-1.31e-03	0.0	0.0	-2122.89	0.04	0.45	0.0	0.0	0.0
		0.0	0.0	-3.60e-03	0.0	40.0	-2121.05	0.04	0.45	0.0	18.15	1.68
2166	2	1.35	14.66	-1.05e-03	0.0	0.0	-1710.93	0.03	0.37	0.0	0.0	0.0
		0.0	0.0	-2.90e-03	0.0	40.0	-1709.51	0.03	0.37	0.0	14.66	1.35
2166	3	1.26	13.68	-9.85e-04	0.0	0.0	-1598.30	0.03	0.34	0.0	0.0	0.0
		0.0	0.0	-2.71e-03	0.0	40.0	-1596.88	0.03	0.34	0.0	13.68	1.26
2166	4	1.10	11.63	-8.54e-04	0.0	0.0	-1373.10	0.03	0.29	0.0	0.0	0.0
		0.0	0.0	-2.32e-03	0.0	40.0	-1371.68	0.03	0.29	0.0	11.63	1.10
2166	5	1.10	11.63	-8.54e-04	0.0	0.0	-1373.10	0.03	0.29	0.0	0.0	0.0
		0.0	0.0	-2.32e-03	0.0	40.0	-1371.68	0.03	0.29	0.0	11.63	1.10
2167	1	2.94	0.0	-2.02e-03	0.0	0.0	-1473.14	0.07	-4.15	0.0	0.0	0.0
		0.0	-165.94	0.08	0.0	40.0	-1471.29	0.07	-4.15	0.0	-165.94	2.94
2167	2	2.36	0.0	-1.62e-03	0.0	0.0	-1187.48	0.06	-3.34	0.0	0.0	0.0
		0.0	-133.61	0.06	0.0	40.0	-1186.06	0.06	-3.34	0.0	-133.61	2.36
2167	3	2.22	0.0	-1.53e-03	0.0	0.0	-1109.07	0.06	-3.13	0.0	0.0	0.0
		0.0	-125.00	0.06	0.0	40.0	-1107.65	0.06	-3.13	0.0	-125.00	2.22
2167	4	1.93	0.0	-1.34e-03	0.0	0.0	-952.24	0.05	-2.69	0.0	0.0	0.0
		0.0	-107.79	0.05	0.0	40.0	-950.81	0.05	-2.69	0.0	-107.79	1.93
2167	5	1.93	0.0	-1.34e-03	0.0	0.0	-952.24	0.05	-2.69	0.0	0.0	0.0
		0.0	-107.79	0.05	0.0	40.0	-950.81	0.05	-2.69	0.0	-107.79	1.93
2172	1	1.69	18.21	-1.49e-03	0.0	0.0	-2168.96	0.04	0.46	0.0	0.0	0.0
		0.0	0.0	-4.21e-03	0.0	40.0	-2167.11	0.04	0.46	0.0	18.21	1.69
2172	2	1.35	14.71	-1.20e-03	0.0	0.0	-1748.02	0.03	0.37	0.0	0.0	0.0
		0.0	0.0	-3.40e-03	0.0	40.0	-1746.60	0.03	0.37	0.0	14.71	1.35
2172	3	1.27	13.72	-1.12e-03	0.0	0.0	-1632.97	0.03	0.34	0.0	0.0	0.0
		0.0	0.0	-3.17e-03	0.0	40.0	-1631.54	0.03	0.34	0.0	13.72	1.27
2172	4	1.11	11.66	-9.74e-04	0.0	0.0	-1403.12	0.03	0.29	0.0	0.0	0.0
		0.0	0.0	-2.72e-03	0.0	40.0	-1401.70	0.03	0.29	0.0	11.66	1.11
2172	5	1.11	11.66	-9.74e-04	0.0	0.0	-1403.12	0.03	0.29	0.0	0.0	0.0
		0.0	0.0	-2.72e-03	0.0	40.0	-1401.70	0.03	0.29	0.0	11.66	1.11
2185	1	74.92	0.35	-8.24e-03	0.0	0.0	-1987.82	-1.20	-0.09	0.0	0.35	74.92
		-45.29	-8.62	-0.02	0.0	100.0	-1983.20	-1.20	-0.09	0.0	-8.62	-45.29
2185	2	60.31	0.28	-6.63e-03	0.0	0.0	-1602.48	-0.97	-0.07	0.0	0.28	60.31
		-36.50	-6.95	-0.01	0.0	100.0	-1598.93	-0.97	-0.07	0.0	-6.95	-36.50
2185	3	56.44	0.27	-6.20e-03	0.0	0.0	-1496.46	-0.91	-0.07	0.0	0.27	56.44
		-34.09	-6.48	-0.01	0.0	100.0	-1492.90	-0.91	-0.07	0.0	-6.48	-34.09
2185	4	48.72	0.25	-5.35e-03	0.0	0.0	-1284.50	-0.78	-0.06	0.0	0.25	48.72
		-29.27	-5.54	-0.01	0.0	100.0	-1280.94	-0.78	-0.06	0.0	-5.54	-29.27
2185	5	48.72	0.25	-5.35e-03	0.0	0.0	-1284.50	-0.78	-0.06	0.0	0.25	48.72
		-29.27	-5.54	-0.01	0.0	100.0	-1280.94	-0.78	-0.06	0.0	-5.54	-29.27
2189	1	0.0	0.0	-2.11e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	6.68e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2189	2	0.0	0.0	-1.70e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	5.46e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2189	3	0.0	0.0	-1.59e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	4.99e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2189	4	0.0	0.0	-1.37e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	4.08e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2189	5	0.0	0.0	-1.37e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	4.08e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2190	1	69.12	99.93	-1.17e-03	0.0	0.0	-627.22	1.61	-1.46	6.76	99.93	-46.53
		-46.53	-5.49	0.02	0.0	72.0	-623.89	1.61	-1.46	6.76	-5.49	69.12
2190	2	56.13	81.40	-9.41e-04	0.0	0.0	-508.54	1.30	-1.19	5.46	81.40	-37.78
		-37.78	-4.47	0.01	0.0	72.0	-505.98	1.30	-1.19	5.46	-4.47	56.13
2190	3	51.81	75.43	-8.84e-04	0.0	0.0	-470.84	1.20	-1.10	5.10	75.43	-34.80
		-34.80	-4.11	0.01	0.0	72.0	-468.28	1.20	-1.10	5.10	-4.11	51.81
2190	4	43.21	62.33	-7.68e-04	0.0	0.0	-395.60	1.00	-0.91	4.33	62.33	-29.05
		-29.05	-3.45	9.41e-03	0.0	72.0	-393.04	1.00	-0.91	4.33	-3.45	43.21
2190	5	43.21	62.33	-7.68e-04	0.0	0.0	-395.60	1.00	-0.91	4.33	62.33	-29.05
		-29.05	-3.45	9.41e-03	0.0	72.0	-393.04	1.00	-0.91	4.33	-3.45	43.21
2194	1	75.49	1.71	-8.28e-03	0.0	0.0	-2615.50	-1.23	1.07	0.0	-105.35	75.49
		-47.76	-105.35	-0.01	0.0	100.0	-2610.88	-1.23	1.07	0.0	1.71	-47.76
2194	2	60.77	1.30	-6.67e-03	0.0	0.0	-2108.15	-0.99	0.86	0.0	-84.79	60.77
		-38.50	-84.79	-0.01	0.0	100.0	-2104.60	-0.99	0.86	0.0	1.30	-38.50
2194	3	56.87	1.33	-6.24e-03	0.0	0.0	-1969.13	-0.93	0.81	0.0	-79.37	56.87
		-35.95	-79.37	-9.46e-03	0.0	100.0	-1965.58	-0.93	0.81	0.0	1.33	-35.95
2194	4	49.09	1.36	-5.38e-03	0.0	0.0	-1691.19	-0.80	0.70	0.0	-68.55	49.09
		-30.86	-68.55	-8.14e-03	0.0	100.0	-1687.63	-0.80	0.70	0.0	1.36	-30.86
2194	5	49.09	1.36	-5.38e-03	0.0	0.0	-1691.19	-0.80	0.70	0.0	-68.55	49.09
		-30.86	-68.55	-8.14e-03	0.0	100.0	-1687.63	-0.80	0.70	0.0	1.36	-30.86
2197	1	0.0	0.0	-9.43e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	2.77e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2197	2	0.0	0.0	-7.63e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	2.23e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2197	3	0.0	0.0	-7.08e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	2.08e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0

2197	4	0.0	0.0	-5.97e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	1.78e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2197	5	0.0	0.0	-5.97e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	1.78e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2198	1	0.0	0.0	-2.02e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2198	2	0.0	0.0	-1.63e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2198	3	0.0	0.0	-1.53e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2198	4	0.0	0.0	-1.31e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	8.37e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2198	5	0.0	0.0	-1.31e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	8.37e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2200	1	59.04	-53.93	0.01	0.0	0.0	-2436.94	1.50	0.29	0.0	-82.82	-91.29
		-91.29	-82.82	-0.03	0.0	100.0	-2432.31	1.50	0.29	0.0	-53.93	59.04
2200	2	47.58	-43.45	9.17e-03	0.0	0.0	-1963.79	1.21	0.23	0.0	-66.68	-73.53
		-73.53	-66.68	-0.03	0.0	100.0	-1960.23	1.21	0.23	0.0	-43.45	47.58
2200	3	44.45	-40.62	8.58e-03	0.0	0.0	-1834.87	1.13	0.22	0.0	-62.39	-68.75
		-68.75	-62.39	-0.02	0.0	100.0	-1831.32	1.13	0.22	0.0	-40.62	44.45
2200	4	38.18	-34.95	7.40e-03	0.0	0.0	-1577.16	0.97	0.19	0.0	-53.80	-59.20
		-59.20	-53.80	-0.02	0.0	100.0	-1573.60	0.97	0.19	0.0	-34.95	38.18
2200	5	38.18	-34.95	7.40e-03	0.0	0.0	-1577.16	0.97	0.19	0.0	-53.80	-59.20
		-59.20	-53.80	-0.02	0.0	100.0	-1573.60	0.97	0.19	0.0	-34.95	38.18
2201	1	0.0	0.0	-8.08e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.70e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2201	2	0.0	0.0	-6.55e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.19e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2201	3	0.0	0.0	-6.06e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.04e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2201	4	0.0	0.0	-5.10e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.72e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2201	5	0.0	0.0	-5.10e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.72e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2202	1	0.0	0.0	0.01	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-5.14e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2202	2	0.0	0.0	0.01	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.72e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2202	3	0.0	0.0	0.01	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.70e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2202	4	0.0	0.0	9.35e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-4.63e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2202	5	0.0	0.0	9.35e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-4.63e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2203	1	56.37	-136.67	0.01	0.0	0.0	-1551.54	1.47	5.27	0.0	-663.29	-90.70
		-90.70	-663.29	-0.08	0.0	100.0	-1546.92	1.47	5.27	0.0	-136.67	56.37
2203	2	45.43	-110.14	9.13e-03	0.0	0.0	-1250.79	1.18	4.24	0.0	-534.03	-73.05
		-73.05	-534.03	-0.07	0.0	100.0	-1247.23	1.18	4.24	0.0	-110.14	45.43
2203	3	42.44	-102.91	8.54e-03	0.0	0.0	-1168.03	1.11	3.97	0.0	-499.67	-68.30
		-68.30	-499.67	-0.06	0.0	100.0	-1164.47	1.11	3.97	0.0	-102.91	42.44
2203	4	36.46	-88.44	7.37e-03	0.0	0.0	-1002.53	0.95	3.42	0.0	-430.89	-58.82
		-58.82	-430.89	-0.05	0.0	100.0	-998.97	0.95	3.42	0.0	-88.44	36.46
2203	5	36.46	-88.44	7.37e-03	0.0	0.0	-1002.53	0.95	3.42	0.0	-430.89	-58.82
		-58.82	-430.89	-0.05	0.0	100.0	-998.97	0.95	3.42	0.0	-88.44	36.46
2206	1	0.0	0.0	-8.46e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	2.22e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2206	2	0.0	0.0	-6.85e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	1.80e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2206	3	0.0	0.0	-6.35e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	1.66e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2206	4	0.0	0.0	-5.34e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	1.39e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2206	5	0.0	0.0	-5.34e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	1.39e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2207	1	0.0	0.0	-6.46e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.67e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2207	2	0.0	0.0	-5.24e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.36e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2207	3	0.0	0.0	-4.85e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.26e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2207	4	0.0	0.0	-4.07e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.04e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2207	5	0.0	0.0	-4.07e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.04e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2208	1	10.77	-44.52	-9.54e-04	0.0	0.0	-2149.08	0.06	0.14	0.0	-58.17	4.97
		4.97	-58.17	-0.03	0.0	100.0	-2144.46	0.06	0.14	0.0	-44.52	10.77
2208	2	8.65	-35.87	-7.69e-04	0.0	0.0	-1732.73	0.05	0.11	0.0	-46.84	3.99

		3.99	-46.84	-0.02	0.0	100.0	-1729.17	0.05	0.11	0.0	-35.87	8.65
2208	3	8.12	-33.53	-7.18e-04	0.0	0.0	-1617.68	0.04	0.10	0.0	-43.83	3.75
		3.75	-43.83	-0.02	0.0	100.0	-1614.12	0.04	0.10	0.0	-33.53	8.12
2208	4	7.06	-28.86	-6.17e-04	0.0	0.0	-1387.83	0.04	0.09	0.0	-37.77	3.27
		3.27	-37.77	-0.02	0.0	100.0	-1384.28	0.04	0.09	0.0	-28.86	7.06
2208	5	7.06	-28.86	-6.17e-04	0.0	0.0	-1387.83	0.04	0.09	0.0	-37.77	3.27
		3.27	-37.77	-0.02	0.0	100.0	-1384.28	0.04	0.09	0.0	-28.86	7.06
2209	1	7.70	-145.33	-9.00e-04	0.0	0.0	-1506.56	0.02	4.95	0.0	-640.61	5.80
		5.80	-640.61	-0.08	0.0	100.0	-1501.94	0.02	4.95	0.0	-145.33	7.70
2209	2	6.17	-117.09	-7.25e-04	0.0	0.0	-1214.87	0.02	3.99	0.0	-515.78	4.66
		4.66	-515.78	-0.07	0.0	100.0	-1211.32	0.02	3.99	0.0	-117.09	6.17
2209	3	5.81	-109.44	-6.77e-04	0.0	0.0	-1133.96	0.01	3.73	0.0	-482.58	4.38
		4.38	-482.58	-0.06	0.0	100.0	-1130.41	0.01	3.73	0.0	-109.44	5.81
2209	4	5.08	-94.12	-5.82e-04	0.0	0.0	-972.29	0.01	3.22	0.0	-416.13	3.81
		3.81	-416.13	-0.05	0.0	100.0	-968.73	0.01	3.22	0.0	-94.12	5.08
2209	5	5.08	-94.12	-5.82e-04	0.0	0.0	-972.29	0.01	3.22	0.0	-416.13	3.81
		3.81	-416.13	-0.05	0.0	100.0	-968.73	0.01	3.22	0.0	-94.12	5.08
2210	1	-5.59	-0.18	1.03e-03	0.0	0.0	-1545.20	-0.02	-0.07	0.0	-0.18	-5.59
		-7.58	-7.11	-0.02	0.0	100.0	-1540.58	-0.02	-0.07	0.0	-7.11	-7.58
2210	2	-4.49	-0.15	8.22e-04	0.0	0.0	-1246.04	-0.02	-0.06	0.0	-0.15	-4.49
		-6.07	-5.73	-0.01	0.0	100.0	-1242.49	-0.02	-0.06	0.0	-5.73	-6.07
2210	3	-4.22	-0.13	7.75e-04	0.0	0.0	-1163.09	-0.02	-0.05	0.0	-0.13	-4.22
		-5.72	-5.35	-0.01	0.0	100.0	-1159.53	-0.02	-0.05	0.0	-5.35	-5.72
2210	4	-3.68	-0.09	6.79e-04	0.0	0.0	-997.22	-0.01	-0.04	0.0	-0.09	-3.68
		-5.02	-4.57	-0.01	0.0	100.0	-993.66	-0.01	-0.04	0.0	-4.57	-5.02
2210	5	-3.68	-0.09	6.79e-04	0.0	0.0	-997.22	-0.01	-0.04	0.0	-0.09	-3.68
		-5.02	-4.57	-0.01	0.0	100.0	-993.66	-0.01	-0.04	0.0	-4.57	-5.02
2211	1	44.65	114.74	0.01	0.0	0.0	-2254.78	-0.83	1.46	0.0	-31.19	44.65
		-38.25	-31.19	-0.03	0.0	100.0	-2250.15	-0.83	1.46	0.0	114.74	-38.25
2211	2	35.99	92.39	8.32e-03	0.0	0.0	-1817.79	-0.67	1.18	0.0	-25.14	35.99
		-30.97	-25.14	-0.03	0.0	100.0	-1814.23	-0.67	1.18	0.0	92.39	-30.97
2211	3	33.61	86.46	7.79e-03	0.0	0.0	-1697.31	-0.62	1.10	0.0	-23.50	33.61
		-28.74	-23.50	-0.02	0.0	100.0	-1693.75	-0.62	1.10	0.0	86.46	-28.74
2211	4	28.85	74.59	6.73e-03	0.0	0.0	-1456.17	-0.53	0.95	0.0	-20.22	28.85
		-24.29	-20.22	-0.02	0.0	100.0	-1452.62	-0.53	0.95	0.0	74.59	-24.29
2211	5	28.85	74.59	6.73e-03	0.0	0.0	-1456.17	-0.53	0.95	0.0	-20.22	28.85
		-24.29	-20.22	-0.02	0.0	100.0	-1452.62	-0.53	0.95	0.0	74.59	-24.29
2213	1	42.88	292.06	0.01	0.0	0.0	-1508.11	-0.74	4.41	0.0	-148.60	42.88
		-31.00	-148.60	-0.14	0.0	100.0	-1503.48	-0.74	4.41	0.0	292.06	-31.00
2213	2	34.56	235.26	8.33e-03	0.0	0.0	-1216.46	-0.60	3.55	0.0	-119.72	34.56
		-25.12	-119.72	-0.12	0.0	100.0	-1212.91	-0.60	3.55	0.0	235.26	-25.12
2213	3	32.28	219.97	7.80e-03	0.0	0.0	-1135.05	-0.56	3.32	0.0	-111.91	32.28
		-23.29	-111.91	-0.11	0.0	100.0	-1131.49	-0.56	3.32	0.0	219.97	-23.29
2213	4	27.72	189.38	6.74e-03	0.0	0.0	-972.14	-0.47	2.86	0.0	-96.27	27.72
		-19.64	-96.27	-0.09	0.0	100.0	-968.58	-0.47	2.86	0.0	189.38	-19.64
2213	5	27.72	189.38	6.74e-03	0.0	0.0	-972.14	-0.47	2.86	0.0	-96.27	27.72
		-19.64	-96.27	-0.09	0.0	100.0	-968.58	-0.47	2.86	0.0	189.38	-19.64
2216	1	37.31	13.19	0.01	0.0	0.0	-2047.65	-0.81	0.04	0.0	9.54	37.31
		-33.73	9.54	-0.01	0.0	88.0	-2043.59	-0.81	0.04	0.0	13.19	-33.73
2216	2	30.18	10.65	0.01	0.0	0.0	-1657.13	-0.65	0.03	0.0	7.70	30.18
		-27.24	7.70	-8.22e-03	0.0	88.0	-1654.00	-0.65	0.03	0.0	10.65	-27.24
2216	3	28.05	9.87	0.01	0.0	0.0	-1538.81	-0.61	0.03	0.0	7.13	28.05
		-25.37	7.13	-7.70e-03	0.0	88.0	-1535.68	-0.61	0.03	0.0	9.87	-25.37
2216	4	23.79	8.34	8.64e-03	0.0	0.0	-1301.93	-0.52	0.03	0.0	6.09	23.79
		-21.64	6.09	-6.64e-03	0.0	88.0	-1298.80	-0.52	0.03	0.0	8.34	-21.64
2216	5	23.79	8.34	8.64e-03	0.0	0.0	-1301.93	-0.52	0.03	0.0	6.09	23.79
		-21.64	6.09	-6.64e-03	0.0	88.0	-1298.80	-0.52	0.03	0.0	8.34	-21.64
2221	1	-22.10	118.36	-6.89e-03	0.0	0.0	-613.46	0.34	-1.69	3.86	118.36	-46.65
		-46.65	-3.42	0.02	0.0	72.0	-610.13	0.34	-1.69	3.86	-3.42	-22.10
2221	2	-18.13	96.25	-5.56e-03	0.0	0.0	-497.39	0.27	-1.38	3.09	96.25	-37.43
		-37.43	-2.79	0.01	0.0	72.0	-494.83	0.27	-1.38	3.09	-2.79	-18.13
2221	3	-16.54	88.75	-5.19e-03	0.0	0.0	-460.50	0.26	-1.27	2.93	88.75	-35.08
		-35.08	-2.54	0.01	0.0	72.0	-457.94	0.26	-1.27	2.93	-2.54	-16.54
2221	4	-13.35	73.91	-4.44e-03	0.0	0.0	-386.92	0.24	-1.06	2.58	73.91	-30.61
		-30.61	-2.12	0.01	0.0	72.0	-384.36	0.24	-1.06	2.58	-2.12	-13.35
2221	5	-13.35	73.91	-4.44e-03	0.0	0.0	-386.92	0.24	-1.06	2.58	73.91	-30.61
		-30.61	-2.12	0.01	0.0	72.0	-384.36	0.24	-1.06	2.58	-2.12	-13.35
2227	1	0.0	407.20	0.01	0.0	0.0	-1734.69	-3.68	10.18	0.0	0.0	0.0
		-147.27	0.0	-0.03	0.0	40.0	-1732.84	-3.68	10.18	0.0	407.20	-147.27
2227	2	0.0	327.72	8.13e-03	0.0	0.0	-1394.95	-2.95	8.19	0.0	0.0	0.0
		-118.09	0.0	-0.03	0.0	40.0	-1393.52	-2.95	8.19	0.0	327.72	-118.09
2227	3	0.0	306.77	7.66e-03	0.0	0.0	-1307.46	-2.78	7.67	0.0	0.0	0.0
		-111.15	0.0	-0.02	0.0	40.0	-1306.04	-2.78	7.67	0.0	306.77	-111.15
2227	4	0.0	264.91	6.70e-03	0.0	0.0	-1132.62	-2.43	6.62	0.0	0.0	0.0
		-97.17	0.0	-0.02	0.0	40.0	-1131.20	-2.43	6.62	0.0	264.91	-97.17
2227	5	0.0	264.91	6.70e-03	0.0	0.0	-1132.62	-2.43	6.62	0.0	0.0	0.0
		-97.17	0.0	-0.02	0.0	40.0	-1131.20	-2.43	6.62	0.0	264.91	-97.17

2228	1	0.0	0.0	-8.43e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2228	2	0.0	0.0	-6.81e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2228	3	0.0	0.0	-6.34e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2228	4	0.0	0.0	-5.39e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2228	5	0.0	0.0	-5.39e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2234	1	0.0	397.91	0.02	0.0	0.0	-2181.53	-8.14	9.95	0.0	0.0	0.0
		-325.77	0.0	-0.03	0.0	40.0	-2179.68	-8.14	9.95	0.0	397.91	-325.77
2234	2	0.0	320.22	0.02	0.0	0.0	-1756.84	-6.56	8.01	0.0	0.0	0.0
		-262.25	0.0	-0.03	0.0	40.0	-1755.42	-6.56	8.01	0.0	320.22	-262.25
2234	3	0.0	299.79	0.02	0.0	0.0	-1643.07	-6.13	7.49	0.0	0.0	0.0
		-245.39	0.0	-0.02	0.0	40.0	-1641.64	-6.13	7.49	0.0	299.79	-245.39
2234	4	0.0	259.00	0.02	0.0	0.0	-1415.35	-5.29	6.48	0.0	0.0	0.0
		-211.70	0.0	-0.02	0.0	40.0	-1413.93	-5.29	6.48	0.0	259.00	-211.70
2234	5	0.0	259.00	0.02	0.0	0.0	-1415.35	-5.29	6.48	0.0	0.0	0.0
		-211.70	0.0	-0.02	0.0	40.0	-1413.93	-5.29	6.48	0.0	259.00	-211.70
2235	1	216.26	18.79	-0.02	0.0	0.0	-1909.72	5.41	0.47	0.0	0.0	0.0
		0.0	0.0	-3.00e-03	0.0	40.0	-1907.87	5.41	0.47	0.0	18.79	216.26
2235	2	174.01	15.18	-0.01	0.0	0.0	-1537.76	4.35	0.38	0.0	0.0	0.0
		0.0	0.0	-2.42e-03	0.0	40.0	-1536.33	4.35	0.38	0.0	15.18	174.01
2235	3	163.02	14.16	-0.01	0.0	0.0	-1438.52	4.08	0.35	0.0	0.0	0.0
		0.0	0.0	-2.26e-03	0.0	40.0	-1437.09	4.08	0.35	0.0	14.16	163.02
2235	4	140.80	12.04	-9.95e-03	0.0	0.0	-1239.79	3.52	0.30	0.0	0.0	0.0
		0.0	0.0	-1.93e-03	0.0	40.0	-1238.36	3.52	0.30	0.0	12.04	140.80
2235	5	140.80	12.04	-9.95e-03	0.0	0.0	-1239.79	3.52	0.30	0.0	0.0	0.0
		0.0	0.0	-1.93e-03	0.0	40.0	-1238.36	3.52	0.30	0.0	12.04	140.80
2239	1	29.21	1.06	-0.01	0.0	0.0	-1971.12	0.81	-0.02	0.0	1.06	-42.18
		-42.18	-0.67	-9.26e-03	0.0	88.0	-1967.05	0.81	-0.02	0.0	-0.67	29.21
2239	2	23.57	0.90	-8.14e-03	0.0	0.0	-1595.39	0.66	-0.02	0.0	0.90	-34.17
		-34.17	-0.49	-7.46e-03	0.0	88.0	-1592.26	0.66	-0.02	0.0	-0.49	23.57
2239	3	21.98	0.76	-7.59e-03	0.0	0.0	-1481.20	0.61	-0.01	0.0	0.76	-31.69
		-31.69	-0.41	-6.97e-03	0.0	88.0	-1478.07	0.61	-0.01	0.0	-0.41	21.98
2239	4	18.80	0.45	-6.48e-03	0.0	0.0	-1252.72	0.52	-0.01	0.0	0.45	-26.73
		-26.73	-0.52	-6.03e-03	0.0	88.0	-1249.59	0.52	-0.01	0.0	-0.52	18.80
2239	5	18.80	0.45	-6.48e-03	0.0	0.0	-1252.72	0.52	-0.01	0.0	0.45	-26.73
		-26.73	-0.52	-6.03e-03	0.0	88.0	-1249.59	0.52	-0.01	0.0	-0.52	18.80
2245	1	23.03	-63.50	-1.20e-03	0.0	0.0	-2229.03	0.10	0.33	0.0	-96.87	12.78
		12.78	-96.87	-0.03	0.0	100.0	-2224.41	0.10	0.33	0.0	-63.50	23.03
2245	2	18.53	-51.17	-9.62e-04	0.0	0.0	-1797.39	0.08	0.27	0.0	-77.99	10.27
		10.27	-77.99	-0.03	0.0	100.0	-1793.83	0.08	0.27	0.0	-51.17	18.53
2245	3	17.36	-47.82	-9.02e-04	0.0	0.0	-1677.78	0.08	0.25	0.0	-72.98	9.63
		9.63	-72.98	-0.02	0.0	100.0	-1674.23	0.08	0.25	0.0	-47.82	17.36
2245	4	15.04	-41.11	-7.83e-04	0.0	0.0	-1438.92	0.07	0.22	0.0	-62.95	8.36
		8.36	-62.95	-0.02	0.0	100.0	-1435.37	0.07	0.22	0.0	-41.11	15.04
2245	5	15.04	-41.11	-7.83e-04	0.0	0.0	-1438.92	0.07	0.22	0.0	-62.95	8.36
		8.36	-62.95	-0.02	0.0	100.0	-1435.37	0.07	0.22	0.0	-41.11	15.04
2246	1	139.08	463.91	-0.01	0.0	0.0	-2129.10	-1.98	10.50	0.0	-586.53	139.08
		-58.54	-586.53	-0.11	0.0	100.0	-2124.48	-1.98	10.50	0.0	463.91	-58.54
2246	2	111.94	373.44	-8.97e-03	0.0	0.0	-1714.32	-1.59	8.46	0.0	-472.13	111.94
		-47.14	-472.13	-0.09	0.0	100.0	-1710.76	-1.59	8.46	0.0	373.44	-47.14
2246	3	104.79	349.51	-8.39e-03	0.0	0.0	-1603.77	-1.49	7.91	0.0	-441.89	104.79
		-44.09	-441.89	-0.08	0.0	100.0	-1600.21	-1.49	7.91	0.0	349.51	-44.09
2246	4	90.45	301.58	-7.24e-03	0.0	0.0	-1382.64	-1.28	6.83	0.0	-381.35	90.45
		-37.98	-381.35	-0.07	0.0	100.0	-1379.08	-1.28	6.83	0.0	301.58	-37.98
2246	5	90.45	301.58	-7.24e-03	0.0	0.0	-1382.64	-1.28	6.83	0.0	-381.35	90.45
		-37.98	-381.35	-0.07	0.0	100.0	-1379.08	-1.28	6.83	0.0	301.58	-37.98
2247	1	139.73	49.73	-0.01	0.0	0.0	-2734.05	-2.01	1.66	0.0	-116.34	139.73
		-61.74	-116.34	-0.06	0.0	100.0	-2729.43	-2.01	1.66	0.0	49.73	-61.74
2247	2	112.47	39.84	-9.03e-03	0.0	0.0	-2201.35	-1.62	1.33	0.0	-93.60	112.47
		-49.72	-93.60	-0.05	0.0	100.0	-2197.79	-1.62	1.33	0.0	39.84	-49.72
2247	3	105.28	37.55	-8.45e-03	0.0	0.0	-2059.49	-1.52	1.25	0.0	-87.68	105.28
		-46.50	-87.68	-0.04	0.0	100.0	-2055.93	-1.52	1.25	0.0	37.55	-46.50
2247	4	90.87	32.97	-7.29e-03	0.0	0.0	-1775.65	-1.31	1.09	0.0	-75.82	90.87
		-40.04	-75.82	-0.04	0.0	100.0	-1772.09	-1.31	1.09	0.0	32.97	-40.04
2247	5	90.87	32.97	-7.29e-03	0.0	0.0	-1775.65	-1.31	1.09	0.0	-75.82	90.87
		-40.04	-75.82	-0.04	0.0	100.0	-1772.09	-1.31	1.09	0.0	32.97	-40.04
2248	1	0.0	0.0	3.57e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2248	2	0.0	0.0	2.89e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	9.57e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2248	3	0.0	0.0	2.68e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	8.79e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2248	4	0.0	0.0	2.26e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0

		0.0	0.0	7.14e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2248	5	0.0	0.0	2.26e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	7.14e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2251	1	0.0	0.0	0.02	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-7.54e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2251	2	0.0	0.0	0.01	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-6.05e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2251	3	0.0	0.0	0.01	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-5.65e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2251	4	0.0	0.0	0.01	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-4.95e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2251	5	0.0	0.0	0.01	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-4.95e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2252	1	21.49	-132.92	-1.17e-03	0.0	0.0	-1443.37	0.08	5.40	0.0	-672.94	13.20
		13.20	-672.94	-0.08	0.0	100.0	-1438.74	0.08	5.40	0.0	-132.92	21.49
2252	2	17.28	-107.13	-9.37e-04	0.0	0.0	-1164.11	0.07	4.35	0.0	-541.79	10.61
		10.61	-541.79	-0.07	0.0	100.0	-1160.55	0.07	4.35	0.0	-107.13	17.28
2252	3	16.20	-100.08	-8.79e-04	0.0	0.0	-1086.37	0.06	4.07	0.0	-506.94	9.95
		9.95	-506.94	-0.06	0.0	100.0	-1082.81	0.06	4.07	0.0	-100.08	16.20
2252	4	14.07	-85.98	-7.64e-04	0.0	0.0	-930.84	0.05	3.51	0.0	-437.17	8.62
		8.62	-437.17	-0.05	0.0	100.0	-927.29	0.05	3.51	0.0	-85.98	14.07
2252	5	14.07	-85.98	-7.64e-04	0.0	0.0	-930.84	0.05	3.51	0.0	-437.17	8.62
		8.62	-437.17	-0.05	0.0	100.0	-927.29	0.05	3.51	0.0	-85.98	14.07
2253	1	1.88	570.01	2.01e-03	0.0	0.0	-2465.82	0.02	12.18	0.0	-648.14	-0.42
		-0.42	-648.14	-0.12	0.0	100.0	-2461.20	0.02	12.18	0.0	570.01	1.88
2253	2	1.51	458.84	1.62e-03	0.0	0.0	-1987.50	0.02	9.81	0.0	-521.72	-0.34
		-0.34	-521.72	-0.09	0.0	100.0	-1983.94	0.02	9.81	0.0	458.84	1.51
2253	3	1.42	429.44	1.51e-03	0.0	0.0	-1856.47	0.02	9.18	0.0	-488.31	-0.31
		-0.31	-488.31	-0.09	0.0	100.0	-1852.91	0.02	9.18	0.0	429.44	1.42
2253	4	1.24	370.57	1.30e-03	0.0	0.0	-1594.37	0.01	7.92	0.0	-421.41	-0.25
		-0.25	-421.41	-0.08	0.0	100.0	-1590.82	0.01	7.92	0.0	370.57	1.24
2253	5	1.24	370.57	1.30e-03	0.0	0.0	-1594.37	0.01	7.92	0.0	-421.41	-0.25
		-0.25	-421.41	-0.08	0.0	100.0	-1590.82	0.01	7.92	0.0	370.57	1.24
2255	1	0.0	0.0	4.61e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2255	2	0.0	0.0	3.74e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-9.17e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2255	3	0.0	0.0	3.47e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-8.68e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2255	4	0.0	0.0	2.93e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-7.79e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2255	5	0.0	0.0	2.93e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-7.79e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2256	1	0.0	0.0	6.69e-04	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	6.72e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2256	2	0.0	0.0	5.40e-04	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	5.52e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2256	3	0.0	0.0	5.06e-04	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	5.05e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2256	4	0.0	0.0	4.32e-04	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	4.01e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2256	5	0.0	0.0	4.32e-04	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	4.01e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2258	1	0.0	0.0	-1.13e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	4.67e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2258	2	0.0	0.0	-9.10e-04	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	3.81e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2258	3	0.0	0.0	-8.76e-04	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	3.49e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2258	4	0.0	0.0	-7.54e-04	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	2.88e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2258	5	0.0	0.0	-7.54e-04	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	2.88e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2323	1	0.0	0.0	-7.26e-03	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	4.21e-03	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
2323	2	0.0	0.0	-5.88e-03	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	3.42e-03	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
2323	3	0.0	0.0	-5.45e-03	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	3.16e-03	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
2323	4	0.0	0.0	-4.59e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	2.63e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
2323	5	0.0	0.0	-4.59e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	2.63e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
2324	1	-16.70	47.23	-1.69e-03	0.0	0.0	-1057.67	0.51	-1.17	19.04	47.23	-53.08
		-53.08	-37.29	6.46e-03	0.0	72.0	-1054.34	0.51	-1.17	19.04	-37.29	-16.70
2324	2	-13.51	37.91	-1.37e-03	0.0	0.0	-859.26	0.41	-0.94	15.41	37.91	-42.92
		-42.92	-29.92	5.27e-03	0.0	72.0	-856.70	0.41	-0.94	15.41	-29.92	-13.51

2324	3	-12.56	35.51	-1.28e-03	0.0	0.0	-793.29	0.38	-0.88	14.23	35.51	-39.94
		-39.94	-28.05	4.83e-03	0.0	72.0	-790.73	0.38	-0.88	14.23	-28.05	-12.56
2324	4	-10.65	30.87	-1.07e-03	0.0	0.0	-661.36	0.32	-0.77	12.00	30.87	-33.87
		-33.87	-24.41	3.96e-03	0.0	72.0	-658.80	0.32	-0.77	12.00	-24.41	-10.65
2324	5	-10.65	30.87	-1.07e-03	0.0	0.0	-661.36	0.32	-0.77	12.00	30.87	-33.87
		-33.87	-24.41	3.96e-03	0.0	72.0	-658.80	0.32	-0.77	12.00	-24.41	-10.65
2325	1	0.0	0.0	-3.97e-03	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	4.57e-03	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
2325	2	0.0	0.0	-3.21e-03	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	3.74e-03	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
2325	3	0.0	0.0	-2.99e-03	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	3.42e-03	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
2325	4	0.0	0.0	-2.52e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	2.77e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
2325	5	0.0	0.0	-2.52e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	2.77e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
2326	1	-14.25	61.31	1.16e-03	0.0	0.0	-1056.22	0.10	-1.49	-2.69	61.31	-21.73
		-21.73	-45.80	0.01	0.0	72.0	-1052.89	0.10	-1.49	-2.69	-45.80	-14.25
2326	2	-11.52	49.54	9.41e-04	0.0	0.0	-858.09	0.08	-1.20	-2.17	49.54	-17.55
		-17.55	-36.98	8.43e-03	0.0	72.0	-855.53	0.08	-1.20	-2.17	-36.98	-11.52
2326	3	-10.72	46.23	8.65e-04	0.0	0.0	-792.20	0.08	-1.12	-1.98	46.23	-16.40
		-16.40	-34.54	7.75e-03	0.0	72.0	-789.64	0.08	-1.12	-1.98	-34.54	-10.72
2326	4	-9.13	39.35	7.33e-04	0.0	0.0	-660.43	0.07	-0.96	-1.71	39.35	-14.01
		-14.01	-29.47	6.39e-03	0.0	72.0	-657.87	0.07	-0.96	-1.71	-29.47	-9.13
2326	5	-9.13	39.35	7.33e-04	0.0	0.0	-660.43	0.07	-0.96	-1.71	39.35	-14.01
		-14.01	-29.47	6.39e-03	0.0	72.0	-657.87	0.07	-0.96	-1.71	-29.47	-9.13
2327	1	0.0	0.0	-5.78e-04	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	7.73e-03	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
2327	2	0.0	0.0	-4.66e-04	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	6.30e-03	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
2327	3	0.0	0.0	-4.50e-04	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	5.78e-03	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
2327	4	0.0	0.0	-3.88e-04	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	4.75e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
2327	5	0.0	0.0	-3.88e-04	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	4.75e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
2328	1	-17.24	54.54	-4.08e-03	0.0	0.0	-1057.04	0.48	1.42	-25.37	-47.62	-51.74
		-51.74	-47.62	0.02	0.0	72.0	-1053.71	0.48	1.42	-25.37	54.54	-17.24
2328	2	-13.92	44.07	-3.29e-03	0.0	0.0	-858.75	0.39	1.15	-20.48	-38.39	-41.77
		-41.77	-38.39	0.01	0.0	72.0	-856.19	0.39	1.15	-20.48	44.07	-13.92
2328	3	-12.97	41.04	-3.07e-03	0.0	0.0	-792.82	0.36	1.07	-19.06	-35.88	-38.90
		-38.90	-35.88	0.01	0.0	72.0	-790.26	0.36	1.07	-19.06	41.04	-12.97
2328	4	-11.07	34.93	-2.63e-03	0.0	0.0	-660.95	0.31	0.91	-16.26	-30.80	-33.22
		-33.22	-30.80	0.01	0.0	72.0	-658.39	0.31	0.91	-16.26	34.93	-11.07
2328	5	-11.07	34.93	-2.63e-03	0.0	0.0	-660.95	0.31	0.91	-16.26	-30.80	-33.22
		-33.22	-30.80	0.01	0.0	72.0	-658.39	0.31	0.91	-16.26	34.93	-11.07
2329	1	0.0	0.0	-5.95e-03	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
2329	2	0.0	0.0	-4.80e-03	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
2329	3	0.0	0.0	-4.48e-03	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
2329	4	0.0	0.0	-3.83e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	9.75e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
2329	5	0.0	0.0	-3.83e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	9.75e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
2330	1	40.53	15.75	-8.64e-03	0.0	0.0	-981.71	4.63	-0.22	0.0	15.75	-292.86
		-292.86	0.0	-2.57e-03	0.0	72.0	-978.38	4.63	-0.22	0.0	0.0	40.53
2330	2	32.76	12.59	-6.99e-03	0.0	0.0	-795.76	3.74	-0.17	0.0	12.59	-236.77
		-236.77	0.0	-2.08e-03	0.0	72.0	-793.20	3.74	-0.17	0.0	0.0	32.76
2330	3	30.47	11.59	-6.49e-03	0.0	0.0	-737.18	3.48	-0.16	0.0	11.59	-220.19
		-220.19	0.0	-1.93e-03	0.0	72.0	-734.62	3.48	-0.16	0.0	0.0	30.47
2330	4	25.87	10.21	-5.51e-03	0.0	0.0	-619.91	2.95	-0.14	0.0	10.21	-186.89
		-186.89	0.0	-1.63e-03	0.0	72.0	-617.35	2.95	-0.14	0.0	0.0	25.87
2330	5	25.87	10.21	-5.51e-03	0.0	0.0	-619.91	2.95	-0.14	0.0	10.21	-186.89
		-186.89	0.0	-1.63e-03	0.0	72.0	-617.35	2.95	-0.14	0.0	0.0	25.87
2331	1	306.02	18.68	9.72e-03	0.0	0.0	-948.69	-7.03	0.45	0.0	-12.13	306.02
		-172.29	-12.13	-3.37e-03	0.0	68.0	-945.55	-7.03	0.45	0.0	18.68	-172.29
2331	2	247.00	14.99	7.84e-03	0.0	0.0	-769.22	-5.68	0.36	0.0	-9.80	247.00
		-138.98	-9.80	-2.71e-03	0.0	68.0	-766.80	-5.68	0.36	0.0	14.99	-138.98
2331	3	230.01	13.80	7.29e-03	0.0	0.0	-712.28	-5.29	0.33	0.0	-8.91	230.01
		-129.47	-8.91	-2.51e-03	0.0	68.0	-709.86	-5.29	0.33	0.0	13.80	-129.47
2331	4	196.12	12.06	6.23e-03	0.0	0.0	-598.30	-4.51	0.29	0.0	-7.51	196.12
		-110.50	-7.51	-2.18e-03	0.0	68.0	-595.88	-4.51	0.29	0.0	12.06	-110.50
2331	5	196.12	12.06	6.23e-03	0.0	0.0	-598.30	-4.51	0.29	0.0	-7.51	196.12
		-110.50	-7.51	-2.18e-03	0.0	68.0	-595.88	-4.51	0.29	0.0	12.06	-110.50
2332	1	17.93	18.68	1.82e-03	0.0	0.0	-920.24	1.98	-0.26	0.0	18.68	-124.42

		-124.42	0.0	-1.40e-03	0.0	72.0	-916.91	1.98	-0.26	0.0	0.0	17.93
2332	2	14.47	14.99	1.47e-03	0.0	0.0	-746.43	1.60	-0.21	0.0	14.99	-100.38
		-100.38	0.0	-1.13e-03	0.0	72.0	-743.87	1.60	-0.21	0.0	0.0	14.47
2332	3	13.49	13.80	1.36e-03	0.0	0.0	-690.79	1.49	-0.19	0.0	13.80	-93.56
		-93.56	0.0	-1.05e-03	0.0	72.0	-688.23	1.49	-0.19	0.0	0.0	13.49
2332	4	11.52	12.06	1.16e-03	0.0	0.0	-579.40	1.27	-0.17	0.0	12.06	-79.89
		-79.89	0.0	-8.93e-04	0.0	72.0	-576.84	1.27	-0.17	0.0	0.0	11.52
2332	5	11.52	12.06	1.16e-03	0.0	0.0	-579.40	1.27	-0.17	0.0	12.06	-79.89
		-79.89	0.0	-8.93e-04	0.0	72.0	-576.84	1.27	-0.17	0.0	0.0	11.52
2333	1	316.59	11.41	0.01	0.0	0.0	-932.61	-7.20	0.24	0.0	-4.70	316.59
		-173.03	-4.70	-2.31e-03	0.0	68.0	-929.47	-7.20	0.24	0.0	11.41	-173.03
2333	2	255.62	9.09	8.37e-03	0.0	0.0	-756.31	-5.81	0.19	0.0	-3.80	255.62
		-139.67	-3.80	-1.85e-03	0.0	68.0	-753.89	-5.81	0.19	0.0	9.09	-139.67
2333	3	238.12	8.37	7.80e-03	0.0	0.0	-700.04	-5.42	0.17	0.0	-3.37	238.12
		-130.16	-3.37	-1.71e-03	0.0	68.0	-697.62	-5.42	0.17	0.0	8.37	-130.16
2333	4	203.00	7.56	6.66e-03	0.0	0.0	-587.62	-4.62	0.15	0.0	-2.89	203.00
		-110.92	-2.89	-1.51e-03	0.0	68.0	-585.20	-4.62	0.15	0.0	7.56	-110.92
2333	5	203.00	7.56	6.66e-03	0.0	0.0	-587.62	-4.62	0.15	0.0	-2.89	203.00
		-110.92	-2.89	-1.51e-03	0.0	68.0	-585.20	-4.62	0.15	0.0	7.56	-110.92
2334	1	20.53	11.41	2.02e-03	0.0	0.0	-904.56	2.21	-0.16	0.0	11.41	-138.64
		-138.64	0.0	-1.02e-03	0.0	72.0	-901.23	2.21	-0.16	0.0	0.0	20.53
2334	2	16.58	9.09	1.63e-03	0.0	0.0	-733.85	1.78	-0.13	0.0	9.09	-111.92
		-111.92	0.0	-8.28e-04	0.0	72.0	-731.29	1.78	-0.13	0.0	0.0	16.58
2334	3	15.44	8.37	1.51e-03	0.0	0.0	-678.85	1.66	-0.12	0.0	8.37	-104.26
		-104.26	0.0	-7.70e-04	0.0	72.0	-676.29	1.66	-0.12	0.0	0.0	15.44
2334	4	13.14	7.56	1.30e-03	0.0	0.0	-568.98	1.42	-0.11	0.0	7.56	-88.76
		-88.76	0.0	-6.56e-04	0.0	72.0	-566.42	1.42	-0.11	0.0	0.0	13.14
2334	5	13.14	7.56	1.30e-03	0.0	0.0	-568.98	1.42	-0.11	0.0	7.56	-88.76
		-88.76	0.0	-6.56e-04	0.0	72.0	-566.42	1.42	-0.11	0.0	0.0	13.14
2335	1	18.94	0.0	2.88e-03	0.0	0.0	-1008.24	2.07	1.15	0.0	-83.12	-130.30
		-130.30	-83.12	-5.72e-03	0.0	72.0	-1004.91	2.07	1.15	0.0	0.0	18.94
2335	2	15.29	0.0	2.32e-03	0.0	0.0	-817.38	1.67	0.93	0.0	-67.30	-105.22
		-105.22	-67.30	-4.61e-03	0.0	72.0	-814.82	1.67	0.93	0.0	0.0	15.29
2335	3	14.25	0.0	2.16e-03	0.0	0.0	-756.92	1.56	0.87	0.0	-62.67	-98.05
		-98.05	-62.67	-4.30e-03	0.0	72.0	-754.36	1.56	0.87	0.0	0.0	14.25
2335	4	12.15	0.0	1.84e-03	0.0	0.0	-636.15	1.33	0.73	0.0	-52.85	-83.58
		-83.58	-52.85	-3.69e-03	0.0	72.0	-633.59	1.33	0.73	0.0	0.0	12.15
2335	5	12.15	0.0	1.84e-03	0.0	0.0	-636.15	1.33	0.73	0.0	-52.85	-83.58
		-83.58	-52.85	-3.69e-03	0.0	72.0	-633.59	1.33	0.73	0.0	0.0	12.15
2336	1	309.29	60.93	0.01	0.0	0.0	-989.42	-7.14	-2.19	0.0	60.93	309.29
		-175.96	-88.07	4.58e-03	0.0	68.0	-986.28	-7.14	-2.19	0.0	-88.07	-175.96
2336	2	249.85	49.34	0.01	0.0	0.0	-802.00	-5.76	-1.78	0.0	49.34	249.85
		-142.10	-71.37	3.73e-03	0.0	68.0	-799.58	-5.76	-1.78	0.0	-71.37	-142.10
2336	3	232.58	45.89	1.00e-02	0.0	0.0	-742.97	-5.37	-1.65	0.0	45.89	232.58
		-132.39	-66.37	3.46e-03	0.0	68.0	-740.55	-5.37	-1.65	0.0	-66.37	-132.39
2336	4	197.98	38.68	8.52e-03	0.0	0.0	-624.80	-4.57	-1.39	0.0	38.68	197.98
		-112.82	-55.80	2.84e-03	0.0	68.0	-622.38	-4.57	-1.39	0.0	-55.80	-112.82
2336	5	197.98	38.68	8.52e-03	0.0	0.0	-624.80	-4.57	-1.39	0.0	38.68	197.98
		-112.82	-55.80	2.84e-03	0.0	68.0	-622.38	-4.57	-1.39	0.0	-55.80	-112.82
2337	1	20.05	0.0	3.59e-03	0.0	0.0	-960.57	2.19	1.22	0.0	-88.07	-137.63
		-137.63	-88.07	-5.27e-03	0.0	72.0	-957.24	2.19	1.22	0.0	0.0	20.05
2337	2	16.19	0.0	2.90e-03	0.0	0.0	-778.89	1.77	0.99	0.0	-71.37	-111.17
		-111.17	-71.37	-4.25e-03	0.0	72.0	-776.33	1.77	0.99	0.0	0.0	16.19
2337	3	15.08	0.0	2.70e-03	0.0	0.0	-721.18	1.65	0.92	0.0	-66.37	-103.53
		-103.53	-66.37	-3.96e-03	0.0	72.0	-718.62	1.65	0.92	0.0	0.0	15.08
2337	4	12.83	0.0	2.31e-03	0.0	0.0	-605.64	1.40	0.77	0.0	-55.80	-88.17
		-88.17	-55.80	-3.40e-03	0.0	72.0	-603.08	1.40	0.77	0.0	0.0	12.83
2337	5	12.83	0.0	2.31e-03	0.0	0.0	-605.64	1.40	0.77	0.0	-55.80	-88.17
		-88.17	-55.80	-3.40e-03	0.0	72.0	-603.08	1.40	0.77	0.0	0.0	12.83
2338	1	399.00	42.95	0.02	0.0	0.0	-729.95	-10.62	-1.37	0.0	42.95	399.00
		-323.07	-50.20	3.80e-03	0.0	68.0	-726.81	-10.62	-1.37	0.0	-50.20	-323.07
2338	2	322.75	34.91	0.02	0.0	0.0	-592.72	-8.59	-1.11	0.0	34.91	322.75
		-261.39	-40.87	3.11e-03	0.0	68.0	-590.30	-8.59	-1.11	0.0	-40.87	-261.39
2338	3	299.87	32.35	0.02	0.0	0.0	-547.62	-7.98	-1.03	0.0	32.35	299.87
		-242.77	-37.84	2.87e-03	0.0	68.0	-545.20	-7.98	-1.03	0.0	-37.84	-242.77
2338	4	254.09	26.90	0.01	0.0	0.0	-457.45	-6.76	-0.85	0.0	26.90	254.09
		-205.53	-31.23	2.31e-03	0.0	68.0	-455.03	-6.76	-0.85	0.0	-31.23	-205.53
2338	5	254.09	26.90	0.01	0.0	0.0	-457.45	-6.76	-0.85	0.0	26.90	254.09
		-205.53	-31.23	2.31e-03	0.0	68.0	-455.03	-6.76	-0.85	0.0	-31.23	-205.53
2339	1	36.34	0.0	-3.00e-03	0.0	0.0	-703.28	4.13	0.70	0.0	-50.20	-261.11
		-261.11	-50.20	-1.46e-03	0.0	72.0	-699.95	4.13	0.70	0.0	0.0	36.34
2339	2	29.41	0.0	-2.44e-03	0.0	0.0	-571.37	3.34	0.57	0.0	-40.87	-211.27
		-211.27	-40.87	-1.17e-03	0.0	72.0	-568.81	3.34	0.57	0.0	0.0	29.41
2339	3	27.31	0.0	-2.25e-03	0.0	0.0	-527.47	3.10	0.53	0.0	-37.84	-196.21
		-196.21	-37.84	-1.10e-03	0.0	72.0	-524.90	3.10	0.53	0.0	0.0	27.31
2339	4	23.11	0.0	-1.86e-03	0.0	0.0	-439.69	2.63	0.43	0.0	-31.23	-166.07
		-166.07	-31.23	-9.60e-04	0.0	72.0	-437.13	2.63	0.43	0.0	0.0	23.11

2339	5	23.11	0.0	-1.86e-03	0.0	0.0	-439.69	2.63	0.43	0.0	-31.23	-166.07
		-166.07	-31.23	-9.60e-04	0.0	72.0	-437.13	2.63	0.43	0.0	0.0	23.11
2340	1	0.0	0.0	0.01	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.06e-04	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
2340	2	0.0	0.0	0.01	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.20e-04	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
2340	3	0.0	0.0	0.01	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.44e-04	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
2340	4	0.0	0.0	9.17e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.87e-04	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
2340	5	0.0	0.0	9.17e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.87e-04	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
2341	1	61.17	57.55	4.91e-03	0.0	0.0	-1057.93	-0.57	-1.46	-29.51	57.55	61.17
		20.00	-47.35	6.99e-04	0.0	72.0	-1054.60	-0.57	-1.46	-29.51	-47.35	20.00
2341	2	49.44	46.24	3.97e-03	0.0	0.0	-859.47	-0.46	-1.17	-23.86	46.24	49.44
		16.17	-38.05	6.26e-04	0.0	72.0	-856.91	-0.46	-1.17	-23.86	-38.05	16.17
2341	3	45.98	43.45	3.69e-03	0.0	0.0	-793.49	-0.43	-1.10	-22.21	43.45	45.98
		15.04	-35.75	5.01e-04	0.0	72.0	-790.93	-0.43	-1.10	-22.21	-35.75	15.04
2341	4	39.14	37.72	3.14e-03	0.0	0.0	-661.52	-0.37	-0.96	-18.89	37.72	39.14
		12.80	-31.05	2.61e-04	0.0	72.0	-658.96	-0.37	-0.96	-18.89	-31.05	12.80
2341	5	39.14	37.72	3.14e-03	0.0	0.0	-661.52	-0.37	-0.96	-18.89	37.72	39.14
		12.80	-31.05	2.61e-04	0.0	72.0	-658.96	-0.37	-0.96	-18.89	-31.05	12.80
2342	1	0.0	0.0	7.09e-03	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-5.29e-04	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
2342	2	0.0	0.0	5.73e-03	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.70e-04	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
2342	3	0.0	0.0	5.33e-03	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-4.22e-04	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
2342	4	0.0	0.0	4.53e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-5.30e-04	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
2342	5	0.0	0.0	4.53e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-5.30e-04	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
2343	1	21.71	44.17	-1.04e-03	0.0	0.0	-1056.64	-0.12	-1.08	-2.46	44.17	21.71
		12.98	-33.34	4.10e-03	0.0	72.0	-1053.32	-0.12	-1.08	-2.46	-33.34	12.98
2343	2	17.52	35.71	-8.42e-04	0.0	0.0	-858.43	-0.10	-0.87	-1.98	35.71	17.52
		10.49	-26.93	3.40e-03	0.0	72.0	-855.87	-0.10	-0.87	-1.98	-26.93	10.49
2343	3	16.32	33.15	-7.85e-04	0.0	0.0	-792.54	-0.09	-0.81	-1.82	33.15	16.32
		9.76	-25.03	3.05e-03	0.0	72.0	-789.98	-0.09	-0.81	-1.82	-25.03	9.76
2343	4	13.93	28.22	-6.67e-04	0.0	0.0	-660.71	-0.08	-0.69	-1.55	28.22	13.93
		8.31	-21.40	2.35e-03	0.0	72.0	-658.15	-0.08	-0.69	-1.55	-21.40	8.31
2343	5	13.93	28.22	-6.67e-04	0.0	0.0	-660.71	-0.08	-0.69	-1.55	28.22	13.93
		8.31	-21.40	2.35e-03	0.0	72.0	-658.15	-0.08	-0.69	-1.55	-21.40	8.31
2344	1	0.0	0.0	6.22e-04	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	2.75e-03	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
2344	2	0.0	0.0	5.01e-04	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	2.29e-03	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
2344	3	0.0	0.0	4.65e-04	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	2.04e-03	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
2344	4	0.0	0.0	3.98e-04	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	1.53e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
2344	5	0.0	0.0	3.98e-04	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	1.53e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
2345	1	27.45	37.09	-4.87e-04	0.0	0.0	-1057.15	-0.24	0.86	8.03	-25.17	27.45
		9.84	-25.17	9.49e-03	0.0	72.0	-1053.82	-0.24	0.86	8.03	37.09	9.84
2345	2	22.19	30.02	-3.92e-04	0.0	0.0	-858.84	-0.20	0.70	6.51	-20.32	22.19
		7.95	-20.32	7.77e-03	0.0	72.0	-856.28	-0.20	0.70	6.51	30.02	7.95
2345	3	20.66	27.81	-3.67e-04	0.0	0.0	-792.90	-0.18	0.65	6.02	-18.87	20.66
		7.40	-18.87	7.10e-03	0.0	72.0	-790.34	-0.18	0.65	6.02	27.81	7.40
2345	4	17.54	23.49	-3.16e-04	0.0	0.0	-661.02	-0.16	0.55	5.06	-16.11	17.54
		6.28	-16.11	5.74e-03	0.0	72.0	-658.46	-0.16	0.55	5.06	23.49	6.28
2345	5	17.54	23.49	-3.16e-04	0.0	0.0	-661.02	-0.16	0.55	5.06	-16.11	17.54
		6.28	-16.11	5.74e-03	0.0	72.0	-658.46	-0.16	0.55	5.06	23.49	6.28
2346	1	0.0	0.0	1.41e-03	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	9.36e-03	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
2346	2	0.0	0.0	1.14e-03	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	7.65e-03	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
2346	3	0.0	0.0	1.06e-03	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	7.00e-03	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
2346	4	0.0	0.0	8.92e-04	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	5.70e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
2346	5	0.0	0.0	8.92e-04	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	5.70e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
2347	1	384.31	52.22	-0.02	0.0	0.0	-1016.55	12.17	-0.45	0.0	52.22	-443.07
		-443.07	21.75	-6.63e-03	0.0	68.0	-1013.41	12.17	-0.45	0.0	21.75	384.31
2347	2	310.81	41.72	-0.02	0.0	0.0	-823.78	9.84	-0.36	0.0	41.72	-358.25
		-358.25	17.43	-5.33e-03	0.0	68.0	-821.36	9.84	-0.36	0.0	17.43	310.81
2347	3	289.08	38.93	-0.02	0.0	0.0	-763.49	9.15	-0.32	0.0	38.93	-333.30

		-333.30	17.21	-5.08e-03	0.0	68.0	-761.07	9.15	-0.32	0.0	17.21	289.08
2347	4	245.73	35.26	-0.01	0.0	0.0	-642.94	7.78	-0.31	0.0	35.26	-283.44
		-283.44	14.31	-4.34e-03	0.0	68.0	-640.52	7.78	-0.31	0.0	14.31	245.73
2347	5	245.73	35.26	-0.01	0.0	0.0	-642.94	7.78	-0.31	0.0	35.26	-283.44
		-283.44	14.31	-4.34e-03	0.0	68.0	-640.52	7.78	-0.31	0.0	14.31	245.73
2348	1	291.49	21.75	8.34e-03	0.0	0.0	-987.16	-4.84	-0.30	0.0	21.75	291.49
		-56.81	0.0	-2.26e-03	0.0	72.0	-983.83	-4.84	-0.30	0.0	0.0	-56.81
2348	2	235.75	17.43	6.75e-03	0.0	0.0	-800.24	-3.91	-0.24	0.0	17.43	235.75
		-45.97	0.0	-1.84e-03	0.0	72.0	-797.68	-3.91	-0.24	0.0	0.0	-45.97
2348	3	219.27	17.21	6.27e-03	0.0	0.0	-741.29	-3.64	-0.24	0.0	17.21	219.27
		-42.74	0.0	-1.70e-03	0.0	72.0	-738.73	-3.64	-0.24	0.0	0.0	-42.74
2348	4	186.38	14.31	5.31e-03	0.0	0.0	-623.42	-3.09	-0.20	0.0	14.31	186.38
		-36.29	0.0	-1.43e-03	0.0	72.0	-620.86	-3.09	-0.20	0.0	0.0	-36.29
2348	5	186.38	14.31	5.31e-03	0.0	0.0	-623.42	-3.09	-0.20	0.0	14.31	186.38
		-36.29	0.0	-1.43e-03	0.0	72.0	-620.86	-3.09	-0.20	0.0	0.0	-36.29
2349	1	168.86	53.19	-9.76e-03	0.0	0.0	-956.76	6.95	-0.37	0.0	53.19	-303.86
		-303.86	28.10	-6.09e-03	0.0	68.0	-953.62	6.95	-0.37	0.0	28.10	168.86
2349	2	136.37	42.50	-7.89e-03	0.0	0.0	-775.63	5.61	-0.29	0.0	42.50	-245.43
		-245.43	22.57	-4.89e-03	0.0	68.0	-773.22	5.61	-0.29	0.0	22.57	136.37
2349	3	127.10	39.63	-7.36e-03	0.0	0.0	-718.27	5.23	-0.26	0.0	39.63	-228.60
		-228.60	22.00	-4.68e-03	0.0	68.0	-715.85	5.23	-0.26	0.0	22.00	127.10
2349	4	108.62	35.88	-6.29e-03	0.0	0.0	-603.73	4.47	-0.26	0.0	35.88	-195.00
		-195.00	18.34	-4.00e-03	0.0	68.0	-601.32	4.47	-0.26	0.0	18.34	108.62
2349	5	108.62	35.88	-6.29e-03	0.0	0.0	-603.73	4.47	-0.26	0.0	35.88	-195.00
		-195.00	18.34	-4.00e-03	0.0	68.0	-601.32	4.47	-0.26	0.0	18.34	108.62
2350	1	112.28	28.10	-2.07e-03	0.0	0.0	-928.20	-1.42	-0.39	0.0	28.10	112.28
		9.69	0.0	-8.26e-04	0.0	72.0	-924.87	-1.42	-0.39	0.0	0.0	9.69
2350	2	90.65	22.57	-1.67e-03	0.0	0.0	-752.76	-1.15	-0.31	0.0	22.57	90.65
		7.87	0.0	-6.68e-04	0.0	72.0	-750.20	-1.15	-0.31	0.0	0.0	7.87
2350	3	84.48	22.00	-1.56e-03	0.0	0.0	-696.70	-1.07	-0.31	0.0	22.00	84.48
		7.31	0.0	-6.29e-04	0.0	72.0	-694.14	-1.07	-0.31	0.0	0.0	7.31
2350	4	72.21	18.34	-1.33e-03	0.0	0.0	-584.76	-0.92	-0.25	0.0	18.34	72.21
		6.17	0.0	-5.30e-04	0.0	72.0	-582.20	-0.92	-0.25	0.0	0.0	6.17
2350	5	72.21	18.34	-1.33e-03	0.0	0.0	-584.76	-0.92	-0.25	0.0	18.34	72.21
		6.17	0.0	-5.30e-04	0.0	72.0	-582.20	-0.92	-0.25	0.0	0.0	6.17
2351	1	184.56	57.59	-0.01	0.0	0.0	-949.08	7.47	-0.43	0.0	57.59	-323.10
		-323.10	28.28	-5.31e-03	0.0	68.0	-945.93	7.47	-0.43	0.0	28.28	184.56
2351	2	148.97	46.08	-8.45e-03	0.0	0.0	-769.53	6.03	-0.34	0.0	46.08	-260.94
		-260.94	22.68	-4.25e-03	0.0	68.0	-767.11	6.03	-0.34	0.0	22.68	148.97
2351	3	138.91	42.89	-7.88e-03	0.0	0.0	-712.44	5.62	-0.30	0.0	42.89	-243.11
		-243.11	22.20	-4.10e-03	0.0	68.0	-710.02	5.62	-0.30	0.0	22.20	138.91
2351	4	118.94	38.51	-6.74e-03	0.0	0.0	-598.10	4.80	-0.29	0.0	38.51	-207.50
		-207.50	18.68	-3.52e-03	0.0	68.0	-595.68	4.80	-0.29	0.0	18.68	118.94
2351	5	118.94	38.51	-6.74e-03	0.0	0.0	-598.10	4.80	-0.29	0.0	38.51	-207.50
		-207.50	18.68	-3.52e-03	0.0	68.0	-595.68	4.80	-0.29	0.0	18.68	118.94
2352	1	122.43	28.28	-2.02e-03	0.0	0.0	-920.76	-1.60	-0.39	0.0	28.28	122.43
		7.01	0.0	-3.02e-04	0.0	72.0	-917.43	-1.60	-0.39	0.0	0.0	7.01
2352	2	98.80	22.68	-1.64e-03	0.0	0.0	-746.85	-1.29	-0.31	0.0	22.68	98.80
		5.72	0.0	-2.42e-04	0.0	72.0	-744.29	-1.29	-0.31	0.0	0.0	5.72
2352	3	92.18	22.20	-1.52e-03	0.0	0.0	-691.05	-1.21	-0.31	0.0	22.20	92.18
		5.24	0.0	-2.39e-04	0.0	72.0	-688.49	-1.21	-0.31	0.0	0.0	5.24
2352	4	79.08	18.68	-1.29e-03	0.0	0.0	-579.29	-1.04	-0.26	0.0	18.68	79.08
		4.22	0.0	-1.99e-04	0.0	72.0	-576.73	-1.04	-0.26	0.0	0.0	4.22
2352	5	79.08	18.68	-1.29e-03	0.0	0.0	-579.29	-1.04	-0.26	0.0	18.68	79.08
		4.22	0.0	-1.99e-04	0.0	72.0	-576.73	-1.04	-0.26	0.0	0.0	4.22
2353	1	439.46	129.24	-0.02	0.0	0.0	-998.12	13.80	-2.57	0.0	129.24	-499.23
		-499.23	-45.62	2.01e-03	0.0	68.0	-994.98	13.80	-2.57	0.0	-45.62	439.46
2353	2	355.20	103.97	-0.02	0.0	0.0	-808.89	11.16	-2.07	0.0	103.97	-403.46
		-403.46	-37.13	1.67e-03	0.0	68.0	-806.48	11.16	-2.07	0.0	-37.13	355.20
2353	3	330.47	96.52	-0.01	0.0	0.0	-749.52	10.38	-1.91	0.0	96.52	-375.44
		-375.44	-33.18	1.38e-03	0.0	68.0	-747.11	10.38	-1.91	0.0	-33.18	330.47
2353	4	281.03	84.04	-0.01	0.0	0.0	-630.75	8.83	-1.65	0.0	84.04	-319.44
		-319.44	-28.08	1.09e-03	0.0	68.0	-628.33	8.83	-1.65	0.0	-28.08	281.03
2353	5	281.03	84.04	-0.01	0.0	0.0	-630.75	8.83	-1.65	0.0	84.04	-319.44
		-319.44	-28.08	1.09e-03	0.0	68.0	-628.33	8.83	-1.65	0.0	-28.08	281.03
2354	1	334.25	0.0	0.01	0.0	0.0	-969.78	-5.54	0.63	0.0	-45.62	334.25
		-64.67	-45.62	6.87e-04	0.0	72.0	-966.45	-5.54	0.63	0.0	0.0	-64.67
2354	2	270.16	0.0	0.01	0.0	0.0	-786.20	-4.48	0.52	0.0	-37.13	270.16
		-52.27	-37.13	5.60e-04	0.0	72.0	-783.64	-4.48	0.52	0.0	0.0	-52.27
2354	3	251.38	0.0	0.01	0.0	0.0	-728.12	-4.17	0.46	0.0	-33.18	251.38
		-48.66	-33.18	5.01e-04	0.0	72.0	-725.56	-4.17	0.46	0.0	0.0	-48.66
2354	4	213.78	0.0	8.82e-03	0.0	0.0	-611.91	-3.54	0.39	0.0	-28.08	213.78
		-41.36	-28.08	4.22e-04	0.0	72.0	-609.35	-3.54	0.39	0.0	0.0	-41.36
2354	5	213.78	0.0	8.82e-03	0.0	0.0	-611.91	-3.54	0.39	0.0	-28.08	213.78
		-41.36	-28.08	4.22e-04	0.0	72.0	-609.35	-3.54	0.39	0.0	0.0	-41.36
2355	1	449.86	161.55	-0.02	0.0	0.0	-991.41	14.02	-3.65	0.0	161.55	-503.74
		-503.74	-86.97	4.65e-03	0.0	68.0	-988.27	14.02	-3.65	0.0	-86.97	449.86



2355	2	363.66	129.96	-0.02	0.0	0.0	-803.42	11.34	-2.95	0.0	129.96	-407.15
		-407.15	-70.36	3.80e-03	0.0	68.0	-801.00	11.34	-2.95	0.0	-70.36	363.66
2355	3	338.36	120.82	-0.01	0.0	0.0	-744.54	10.55	-2.72	0.0	120.82	-378.86
		-378.86	-64.33	3.37e-03	0.0	68.0	-742.12	10.55	-2.72	0.0	-64.33	338.36
2355	4	287.65	105.08	-0.01	0.0	0.0	-626.70	8.97	-2.36	0.0	105.08	-322.21
		-322.21	-55.13	2.80e-03	0.0	68.0	-624.28	8.97	-2.36	0.0	-55.13	287.65
2355	5	287.65	105.08	-0.01	0.0	0.0	-626.70	8.97	-2.36	0.0	105.08	-322.21
		-322.21	-55.13	2.80e-03	0.0	68.0	-624.28	8.97	-2.36	0.0	-55.13	287.65
2356	1	333.56	0.0	0.01	0.0	0.0	-963.12	-5.30	1.21	0.0	-86.97	333.56
		-47.99	-86.97	-1.67e-03	0.0	72.0	-959.80	-5.30	1.21	0.0	0.0	-47.99
2356	2	269.65	0.0	0.01	0.0	0.0	-780.77	-4.28	0.98	0.0	-70.36	269.65
		-38.80	-70.36	-1.33e-03	0.0	72.0	-778.21	-4.28	0.98	0.0	0.0	-38.80
2356	3	250.89	0.0	0.01	0.0	0.0	-723.17	-3.99	0.89	0.0	-64.33	250.89
		-36.11	-64.33	-1.26e-03	0.0	72.0	-720.61	-3.99	0.89	0.0	0.0	-36.11
2356	4	213.31	0.0	9.08e-03	0.0	0.0	-607.90	-3.39	0.77	0.0	-55.13	213.31
		-30.69	-55.13	-1.12e-03	0.0	72.0	-605.34	-3.39	0.77	0.0	0.0	-30.69
2356	5	213.31	0.0	9.08e-03	0.0	0.0	-607.90	-3.39	0.77	0.0	-55.13	213.31
		-30.69	-55.13	-1.12e-03	0.0	72.0	-605.34	-3.39	0.77	0.0	0.0	-30.69
2357	1	33.59	5.06	-6.50e-03	0.0	0.0	-1057.55	3.10	3.72	0.0	-262.95	-189.33
		-189.33	-262.95	-0.03	0.0	72.0	-1054.22	3.10	3.72	0.0	5.06	33.59
2357	2	27.13	4.06	-5.25e-03	0.0	0.0	-855.75	2.50	3.02	0.0	-213.08	-152.90
		-152.90	-213.08	-0.02	0.0	72.0	-853.19	2.50	3.02	0.0	4.06	27.13
2357	3	25.27	3.84	-4.89e-03	0.0	0.0	-794.78	2.33	2.80	0.0	-197.66	-142.46
		-142.46	-197.66	-0.02	0.0	72.0	-792.22	2.33	2.80	0.0	3.84	25.27
2357	4	21.52	3.35	-4.16e-03	0.0	0.0	-672.75	1.99	2.36	0.0	-166.47	-121.49
		-121.49	-166.47	-0.02	0.0	72.0	-670.19	1.99	2.36	0.0	3.35	21.52
2357	5	21.52	3.35	-4.16e-03	0.0	0.0	-672.75	1.99	2.36	0.0	-166.47	-121.49
		-121.49	-166.47	-0.02	0.0	72.0	-670.19	1.99	2.36	0.0	3.35	21.52
2358	1	443.19	32.09	-9.33e-03	0.0	0.0	-2193.92	-5.39	-0.78	0.0	32.09	443.19
		-95.95	-46.35	-0.01	0.0	100.0	-2189.30	-5.39	-0.78	0.0	-46.35	-95.95
2358	2	356.47	25.90	-7.50e-03	0.0	0.0	-1765.86	-4.34	-0.63	0.0	25.90	356.47
		-77.19	-37.35	-0.01	0.0	100.0	-1762.31	-4.34	-0.63	0.0	-37.35	-77.19
2358	3	334.05	24.16	-7.03e-03	0.0	0.0	-1652.92	-4.06	-0.59	0.0	24.16	334.05
		-72.32	-34.92	-0.01	0.0	100.0	-1649.36	-4.06	-0.59	0.0	-34.92	-72.32
2358	4	289.26	20.63	-6.09e-03	0.0	0.0	-1426.94	-3.52	-0.51	0.0	20.63	289.26
		-62.58	-30.02	-9.00e-03	0.0	100.0	-1423.38	-3.52	-0.51	0.0	-30.02	-62.58
2358	5	289.26	20.63	-6.09e-03	0.0	0.0	-1426.94	-3.52	-0.51	0.0	20.63	289.26
		-62.58	-30.02	-9.00e-03	0.0	100.0	-1423.38	-3.52	-0.51	0.0	-30.02	-62.58
2359	1	441.12	-210.39	-9.24e-03	0.0	0.0	-1526.10	-5.37	-4.11	0.0	-210.39	441.12
		-95.45	-621.39	0.12	0.0	100.0	-1521.48	-5.37	-4.11	0.0	-621.39	-95.45
2359	2	354.80	-169.38	-7.43e-03	0.0	0.0	-1228.97	-4.32	-3.31	0.0	-169.38	354.80
		-76.79	-500.30	0.09	0.0	100.0	-1225.41	-4.32	-3.31	0.0	-500.30	-76.79
2359	3	332.49	-158.49	-6.97e-03	0.0	0.0	-1149.43	-4.04	-3.10	0.0	-158.49	332.49
		-71.94	-468.09	0.09	0.0	100.0	-1145.88	-4.04	-3.10	0.0	-468.09	-71.94
2359	4	287.91	-136.68	-6.03e-03	0.0	0.0	-990.48	-3.50	-2.67	0.0	-136.68	287.91
		-62.26	-403.62	0.08	0.0	100.0	-986.92	-3.50	-2.67	0.0	-403.62	-62.26
2359	5	287.91	-136.68	-6.03e-03	0.0	0.0	-990.48	-3.50	-2.67	0.0	-136.68	287.91
		-62.26	-403.62	0.08	0.0	100.0	-986.92	-3.50	-2.67	0.0	-403.62	-62.26
2360	1	200.61	4.90	6.34e-03	0.0	0.0	-1059.20	-3.27	3.65	0.0	-258.12	200.61
		-34.79	-258.12	-0.03	0.0	72.0	-1055.87	-3.27	3.65	0.0	4.90	-34.79
2360	2	161.98	3.93	5.12e-03	0.0	0.0	-857.10	-2.64	2.96	0.0	-209.14	161.98
		-28.10	-209.14	-0.02	0.0	72.0	-854.54	-2.64	2.96	0.0	3.93	-28.10
2360	3	150.84	3.66	4.76e-03	0.0	0.0	-795.89	-2.46	2.73	0.0	-193.00	150.84
		-26.16	-193.00	-0.02	0.0	72.0	-793.33	-2.46	2.73	0.0	3.66	-26.16
2360	4	128.66	3.21	4.06e-03	0.0	0.0	-673.44	-2.10	2.30	0.0	-162.70	128.66
		-22.29	-162.70	-0.02	0.0	72.0	-670.88	-2.10	2.30	0.0	3.21	-22.29
2360	5	128.66	3.21	4.06e-03	0.0	0.0	-673.44	-2.10	2.30	0.0	-162.70	128.66
		-22.29	-162.70	-0.02	0.0	72.0	-670.88	-2.10	2.30	0.0	3.21	-22.29
2361	1	-13.29	1.18	1.12e-03	0.0	0.0	-1169.01	0.42	2.77	0.0	-198.37	-43.73
		-43.73	-198.37	-0.02	0.0	72.0	-1165.68	0.42	2.77	0.0	1.18	-13.29
2361	2	-10.75	0.93	9.02e-04	0.0	0.0	-947.90	0.34	2.25	0.0	-160.84	-35.25
		-35.25	-160.84	-0.02	0.0	72.0	-945.34	0.34	2.25	0.0	0.93	-10.75
2361	3	-9.98	0.92	8.38e-04	0.0	0.0	-877.38	0.32	2.08	0.0	-149.15	-32.93
		-32.93	-149.15	-0.02	0.0	72.0	-874.82	0.32	2.08	0.0	0.92	-9.98
2361	4	-8.48	0.84	7.11e-04	0.0	0.0	-736.82	0.27	1.75	0.0	-125.39	-28.21
		-28.21	-125.39	-0.01	0.0	72.0	-734.26	0.27	1.75	0.0	0.84	-8.48
2361	5	-8.48	0.84	7.11e-04	0.0	0.0	-736.82	0.27	1.75	0.0	-125.39	-28.21
		-28.21	-125.39	-0.01	0.0	72.0	-734.26	0.27	1.75	0.0	0.84	-8.48
2362	1	40.87	6.91	-0.01	0.0	0.0	-1382.66	1.05	-0.40	0.0	6.91	-51.56
		-51.56	-27.89	1.48e-03	0.0	88.0	-1378.59	1.05	-0.40	0.0	-27.89	40.87
2362	2	32.97	5.35	-0.01	0.0	0.0	-1117.60	0.85	-0.31	0.0	5.35	-41.73
		-41.73	-22.36	1.14e-03	0.0	88.0	-1114.47	0.85	-0.31	0.0	-22.36	32.97
2362	3	30.76	5.31	-9.63e-03	0.0	0.0	-1039.61	0.79	-0.30	0.0	5.31	-38.75
		-38.75	-21.01	1.14e-03	0.0	88.0	-1036.48	0.79	-0.30	0.0	-21.01	30.76
2362	4	26.33	5.15	-8.23e-03	0.0	0.0	-883.68	0.67	-0.27	0.0	5.15	-32.80
		-32.80	-18.41	1.11e-03	0.0	88.0	-880.55	0.67	-0.27	0.0	-18.41	26.33
2362	5	26.33	5.15	-8.23e-03	0.0	0.0	-883.68	0.67	-0.27	0.0	5.15	-32.80

		-32.80	-18.41	1.11e-03	0.0	88.0	-880.55	0.67	-0.27	0.0	-18.41	26.33
2363	1	-1.07	3.70	-4.27e-03	0.0	0.0	-1006.94	-0.06	0.07	0.0	-3.31	-1.07
		-6.71	-3.31	-0.02	0.0	100.0	-1002.31	-0.06	0.07	0.0	3.70	-6.71
2363	2	-0.83	2.95	-3.43e-03	0.0	0.0	-810.88	-0.05	0.06	0.0	-2.67	-0.83
		-5.37	-2.67	-0.02	0.0	100.0	-807.33	-0.05	0.06	0.0	2.95	-5.37
2363	3	-0.82	2.77	-3.22e-03	0.0	0.0	-758.41	-0.04	0.05	0.0	-2.49	-0.82
		-5.07	-2.49	-0.01	0.0	100.0	-754.85	-0.04	0.05	0.0	2.77	-5.07
2363	4	-0.80	2.46	-2.81e-03	0.0	0.0	-653.51	-0.04	0.05	0.0	-2.12	-0.80
		-4.48	-2.12	-0.01	0.0	100.0	-649.96	-0.04	0.05	0.0	2.46	-4.48
2363	5	-0.80	2.46	-2.81e-03	0.0	0.0	-653.51	-0.04	0.05	0.0	-2.12	-0.80
		-4.48	-2.12	-0.01	0.0	100.0	-649.96	-0.04	0.05	0.0	2.46	-4.48
2364	1	44.23	1.01	-1.23e-03	0.0	0.0	-1171.71	-0.43	2.70	0.0	-193.39	44.23
		13.60	-193.39	-0.02	0.0	72.0	-1168.38	-0.43	2.70	0.0	1.01	13.60
2364	2	35.68	0.79	-9.93e-04	0.0	0.0	-950.14	-0.34	2.19	0.0	-156.77	35.68
		10.99	-156.77	-0.02	0.0	72.0	-947.58	-0.34	2.19	0.0	0.79	10.99
2364	3	33.28	0.73	-9.25e-04	0.0	0.0	-879.91	-0.32	2.01	0.0	-144.33	33.28
		10.23	-144.33	-0.02	0.0	72.0	-877.35	-0.32	2.01	0.0	0.73	10.23
2364	4	28.51	0.70	-7.87e-04	0.0	0.0	-739.62	-0.28	1.70	0.0	-121.46	28.51
		8.68	-121.46	-0.01	0.0	72.0	-737.06	-0.28	1.70	0.0	0.70	8.68
2364	5	28.51	0.70	-7.87e-04	0.0	0.0	-739.62	-0.28	1.70	0.0	-121.46	28.51
		8.68	-121.46	-0.01	0.0	72.0	-737.06	-0.28	1.70	0.0	0.70	8.68
2365	1	-16.09	-4.79	1.23e-03	0.0	0.0	-1256.36	0.49	1.38	0.0	-104.02	-16.09
		-51.20	-104.02	-0.01	0.0	72.0	-1253.03	0.49	1.38	0.0	-4.79	-51.20
2365	2	-13.02	-3.87	9.95e-04	0.0	0.0	-1019.17	0.39	1.12	0.0	-84.56	-13.02
		-41.32	-84.56	-0.01	0.0	72.0	-1016.61	0.39	1.12	0.0	-3.87	-41.32
2365	3	-12.11	-3.57	9.28e-04	0.0	0.0	-943.17	0.37	1.04	0.0	-78.24	-12.11
		-38.49	-78.24	-9.72e-03	0.0	72.0	-940.61	0.37	1.04	0.0	-3.57	-38.49
2365	4	-10.20	-3.02	7.83e-04	0.0	0.0	-790.65	0.32	0.86	0.0	-65.15	-10.20
		-32.92	-65.15	-8.16e-03	0.0	72.0	-788.09	0.32	0.86	0.0	-3.02	-32.92
2365	5	-10.20	-3.02	7.83e-04	0.0	0.0	-790.65	0.32	0.86	0.0	-65.15	-10.20
		-32.92	-65.15	-8.16e-03	0.0	72.0	-788.09	0.32	0.86	0.0	-3.02	-32.92
2368	1	51.48	-5.15	-1.31e-03	0.0	0.0	-1250.33	-0.50	1.27	0.0	-96.93	51.48
		15.71	-96.93	-0.01	0.0	72.0	-1247.00	-0.50	1.27	0.0	-5.15	15.71
2368	2	41.55	-4.18	-1.06e-03	0.0	0.0	-1014.41	-0.40	1.04	0.0	-78.79	41.55
		12.74	-78.79	-0.01	0.0	72.0	-1011.85	-0.40	1.04	0.0	-4.18	12.74
2368	3	38.79	-3.91	-9.81e-04	0.0	0.0	-938.14	-0.38	0.94	0.0	-71.78	38.79
		11.78	-71.78	-9.81e-03	0.0	72.0	-935.58	-0.38	0.94	0.0	-3.91	11.78
2368	4	33.19	-3.30	-8.39e-04	0.0	0.0	-785.78	-0.32	0.79	0.0	-59.87	33.19
		9.97	-59.87	-8.24e-03	0.0	72.0	-783.22	-0.32	0.79	0.0	-3.30	9.97
2368	5	33.19	-3.30	-8.39e-04	0.0	0.0	-785.78	-0.32	0.79	0.0	-59.87	33.19
		9.97	-59.87	-8.24e-03	0.0	72.0	-783.22	-0.32	0.79	0.0	-3.30	9.97
2369	1	50.64	-3.54	-8.61e-03	0.0	0.0	-1560.94	4.09	0.48	0.0	-38.17	-243.54
		-243.54	-38.17	-7.21e-03	0.0	72.0	-1557.61	4.09	0.48	0.0	-3.54	50.64
2369	2	40.95	-2.85	-6.96e-03	0.0	0.0	-1264.36	3.30	0.39	0.0	-31.19	-196.93
		-196.93	-31.19	-5.85e-03	0.0	72.0	-1261.80	3.30	0.39	0.0	-2.85	40.95
2369	3	38.08	-2.63	-6.47e-03	0.0	0.0	-1172.38	3.07	0.36	0.0	-28.76	-183.11
		-183.11	-28.76	-5.41e-03	0.0	72.0	-1169.81	3.07	0.36	0.0	-2.63	38.08
2369	4	32.27	-2.24	-5.49e-03	0.0	0.0	-988.53	2.60	0.29	0.0	-23.37	-155.24
		-155.24	-23.37	-4.53e-03	0.0	72.0	-985.97	2.60	0.29	0.0	-2.24	32.27
2369	5	32.27	-2.24	-5.49e-03	0.0	0.0	-988.53	2.60	0.29	0.0	-23.37	-155.24
		-155.24	-23.37	-4.53e-03	0.0	72.0	-985.97	2.60	0.29	0.0	-2.24	32.27
2372	1	242.17	-4.12	8.30e-03	0.0	0.0	-1562.02	-4.06	0.35	0.0	-29.06	242.17
		-50.08	-29.06	-7.25e-03	0.0	72.0	-1558.69	-4.06	0.35	0.0	-4.12	-50.08
2372	2	195.83	-3.32	6.72e-03	0.0	0.0	-1265.28	-3.28	0.29	0.0	-23.88	195.83
		-40.51	-23.88	-5.88e-03	0.0	72.0	-1262.72	-3.28	0.29	0.0	-3.32	-40.51
2372	3	182.03	-3.14	6.24e-03	0.0	0.0	-1173.32	-3.05	0.24	0.0	-20.76	182.03
		-37.63	-20.76	-5.44e-03	0.0	72.0	-1170.76	-3.05	0.24	0.0	-3.14	-37.63
2372	4	154.62	-2.67	5.28e-03	0.0	0.0	-989.50	-2.59	0.20	0.0	-16.82	154.62
		-31.93	-16.82	-4.56e-03	0.0	72.0	-986.94	-2.59	0.20	0.0	-2.67	-31.93
2372	5	154.62	-2.67	5.28e-03	0.0	0.0	-989.50	-2.59	0.20	0.0	-16.82	154.62
		-31.93	-16.82	-4.56e-03	0.0	72.0	-986.94	-2.59	0.20	0.0	-2.67	-31.93
2373	1	52.80	4.07	-8.81e-03	0.0	0.0	-1602.55	4.21	0.22	0.0	-11.67	-250.27
		-250.27	-11.67	-4.30e-03	0.0	72.0	-1599.22	4.21	0.22	0.0	4.07	52.80
2373	2	42.69	3.29	-7.12e-03	0.0	0.0	-1298.02	3.40	0.18	0.0	-9.55	-202.37
		-202.37	-9.55	-3.48e-03	0.0	72.0	-1295.46	3.40	0.18	0.0	3.29	42.69
2373	3	39.66	3.08	-6.62e-03	0.0	0.0	-1203.57	3.16	0.17	0.0	-8.87	-188.10
		-188.10	-8.87	-3.23e-03	0.0	72.0	-1201.01	3.16	0.17	0.0	3.08	39.66
2373	4	33.60	2.60	-5.61e-03	0.0	0.0	-1014.75	2.68	0.13	0.0	-6.99	-159.44
		-159.44	-6.99	-2.73e-03	0.0	72.0	-1012.19	2.68	0.13	0.0	2.60	33.60
2373	5	33.60	2.60	-5.61e-03	0.0	0.0	-1014.75	2.68	0.13	0.0	-6.99	-159.44
		-159.44	-6.99	-2.73e-03	0.0	72.0	-1012.19	2.68	0.13	0.0	2.60	33.60
2374	1	86.31	4.50	1.05e-03	0.0	0.0	-430.33	2.90	9.22e-03	-1.74	3.76	-145.71
		-145.71	3.76	-2.08e-03	0.0	80.0	-426.63	2.90	9.22e-03	-1.74	4.50	86.31
2374	2	69.90	3.57	8.52e-04	0.0	0.0	-348.31	2.35	6.66e-03	-1.42	3.04	-118.01
		-118.01	3.04	-1.67e-03	0.0	80.0	-345.47	2.35	6.66e-03	-1.42	3.57	69.90
2374	3	64.75	3.00	7.86e-04	0.0	0.0	-323.33	2.18	2.74e-03	-1.32	2.78	-109.43
		-109.43	2.78	-1.60e-03	0.0	80.0	-320.49	2.18	2.74e-03	-1.32	3.00	64.75

2374	4	54.66	2.52	6.53e-04	0.0	0.0	-273.39	1.84	-6.82e-04	-1.08	2.52	-92.35
		-92.35	2.46	-1.39e-03	0.0	80.0	-270.55	1.84	-6.82e-04	-1.08	2.46	54.66
2374	5	54.66	2.52	6.53e-04	0.0	0.0	-273.39	1.84	-6.82e-04	-1.08	2.52	-92.35
		-92.35	2.46	-1.39e-03	0.0	80.0	-270.55	1.84	-6.82e-04	-1.08	2.46	54.66
2375	1	63.27	99.07	-1.94e-03	0.0	0.0	-405.81	1.95	1.49	-2.68	-1.98	-69.63
		-69.63	-1.98	1.72e-03	0.0	68.0	-402.67	1.95	1.49	-2.68	99.07	63.27
2375	2	51.51	80.70	-1.57e-03	0.0	0.0	-329.21	1.59	1.21	-2.17	-1.69	-56.67
		-56.67	-1.69	1.41e-03	0.0	68.0	-326.79	1.59	1.21	-2.17	80.70	51.51
2375	3	47.72	74.76	-1.48e-03	0.0	0.0	-304.54	1.47	1.13	-1.85	-1.86	-52.49
		-52.49	-1.86	1.22e-03	0.0	68.0	-302.12	1.47	1.13	-1.85	74.76	47.72
2375	4	39.25	61.99	-1.24e-03	0.0	0.0	-255.40	1.21	0.94	-1.69	-1.72	-43.26
		-43.26	-1.72	9.53e-04	0.0	68.0	-252.98	1.21	0.94	-1.69	61.99	39.25
2375	5	39.25	61.99	-1.24e-03	0.0	0.0	-255.40	1.21	0.94	-1.69	-1.72	-43.26
		-43.26	-1.72	9.53e-04	0.0	68.0	-252.98	1.21	0.94	-1.69	61.99	39.25
2376	1	249.29	3.20	8.52e-03	0.0	0.0	-1610.67	-4.19	0.05	0.0	-0.57	249.29
		-52.48	-0.57	-4.25e-03	0.0	72.0	-1607.34	-4.19	0.05	0.0	3.20	-52.48
2376	2	201.67	2.60	6.90e-03	0.0	0.0	-1304.70	-3.39	0.05	0.0	-0.71	201.67
		-42.47	-0.71	-3.44e-03	0.0	72.0	-1302.14	-3.39	0.05	0.0	2.60	-42.47
2376	3	187.49	2.37	6.41e-03	0.0	0.0	-1209.90	-3.15	0.02	0.0	0.59	187.49
		-39.48	0.59	-3.20e-03	0.0	72.0	-1207.34	-3.15	0.02	0.0	2.37	-39.48
2376	4	159.21	2.00	5.43e-03	0.0	0.0	-1020.12	-2.68	0.02	0.0	0.81	159.21
		-33.50	0.81	-2.70e-03	0.0	72.0	-1017.56	-2.68	0.02	0.0	2.00	-33.50
2376	5	159.21	2.00	5.43e-03	0.0	0.0	-1020.12	-2.68	0.02	0.0	0.81	159.21
		-33.50	0.81	-2.70e-03	0.0	72.0	-1017.56	-2.68	0.02	0.0	2.00	-33.50
2377	1	-16.17	4.95	1.31e-03	0.0	0.0	-1399.66	0.57	0.02	0.0	3.68	-56.97
		-56.97	3.68	-2.44e-03	0.0	72.0	-1396.33	0.57	0.02	0.0	4.95	-16.17
2377	2	-13.09	4.00	1.05e-03	0.0	0.0	-1135.13	0.46	0.01	0.0	2.94	-45.95
		-45.95	2.94	-1.97e-03	0.0	72.0	-1132.57	0.46	0.01	0.0	4.00	-13.09
2377	3	-12.11	3.74	9.77e-04	0.0	0.0	-1050.96	0.43	0.01	0.0	2.67	-42.82
		-42.82	2.67	-1.83e-03	0.0	72.0	-1048.40	0.43	0.01	0.0	3.74	-12.11
2377	4	-10.18	3.17	8.29e-04	0.0	0.0	-882.37	0.37	6.61e-03	0.0	2.69	-36.54
		-36.54	2.69	-1.56e-03	0.0	72.0	-879.81	0.37	6.61e-03	0.0	3.17	-10.18
2377	5	-10.18	3.17	8.29e-04	0.0	0.0	-882.37	0.37	6.61e-03	0.0	2.69	-36.54
		-36.54	2.69	-1.56e-03	0.0	72.0	-879.81	0.37	6.61e-03	0.0	3.17	-10.18
2380	1	55.30	18.01	-1.38e-03	0.0	0.0	-1418.86	-0.53	-0.20	0.0	18.01	55.30
		16.80	3.63	-2.19e-03	0.0	72.0	-1415.53	-0.53	-0.20	0.0	3.63	16.80
2380	2	44.68	14.34	-1.12e-03	0.0	0.0	-1150.42	-0.43	-0.16	0.0	14.34	44.68
		13.61	2.95	-1.77e-03	0.0	72.0	-1147.86	-0.43	-0.16	0.0	2.95	13.61
2380	3	41.58	14.58	-1.04e-03	0.0	0.0	-1065.11	-0.40	-0.17	0.0	14.58	41.58
		12.67	2.68	-1.65e-03	0.0	72.0	-1062.55	-0.40	-0.17	0.0	2.68	12.67
2380	4	35.48	12.54	-8.87e-04	0.0	0.0	-895.22	-0.34	-0.14	0.0	12.54	35.48
		10.75	2.28	-1.41e-03	0.0	72.0	-892.66	-0.34	-0.14	0.0	2.28	10.75
2380	5	35.48	12.54	-8.87e-04	0.0	0.0	-895.22	-0.34	-0.14	0.0	12.54	35.48
		10.75	2.28	-1.41e-03	0.0	72.0	-892.66	-0.34	-0.14	0.0	2.28	10.75
2381	1	-15.92	16.28	1.40e-03	0.0	0.0	-1341.09	0.61	-0.24	0.0	16.28	-59.84
		-59.84	-1.06	-9.13e-04	0.0	72.0	-1337.76	0.61	-0.24	0.0	-1.06	-15.92
2381	2	-12.88	13.01	1.13e-03	0.0	0.0	-1087.53	0.49	-0.19	0.0	13.01	-48.32
		-48.32	-0.86	-7.40e-04	0.0	72.0	-1084.97	0.49	-0.19	0.0	-0.86	-12.88
2381	3	-11.97	12.20	1.05e-03	0.0	0.0	-1006.41	0.46	-0.18	0.0	12.20	-44.97
		-44.97	-0.77	-6.86e-04	0.0	72.0	-1003.85	0.46	-0.18	0.0	-0.77	-11.97
2381	4	-10.23	11.12	9.03e-04	0.0	0.0	-844.57	0.39	-0.16	0.0	11.12	-38.15
		-38.15	-0.68	-5.75e-04	0.0	72.0	-842.01	0.39	-0.16	0.0	-0.68	-10.23
2381	5	-10.23	11.12	9.03e-04	0.0	0.0	-844.57	0.39	-0.16	0.0	11.12	-38.15
		-38.15	-0.68	-5.75e-04	0.0	72.0	-842.01	0.39	-0.16	0.0	-0.68	-10.23
2384	1	59.89	39.68	-1.30e-03	0.0	0.0	-1333.32	-0.62	-0.60	0.0	39.68	59.89
		15.33	-3.75	-5.32e-04	0.0	72.0	-1329.99	-0.62	-0.60	0.0	-3.75	15.33
2384	2	48.36	31.73	-1.06e-03	0.0	0.0	-1081.58	-0.50	-0.48	0.0	31.73	48.36
		12.42	-3.02	-4.27e-04	0.0	72.0	-1079.02	-0.50	-0.48	0.0	-3.02	12.42
2384	3	45.09	30.94	-9.82e-04	0.0	0.0	-1000.26	-0.47	-0.47	0.0	30.94	45.09
		11.50	-2.87	-4.12e-04	0.0	72.0	-997.70	-0.47	-0.47	0.0	-2.87	11.50
2384	4	38.64	26.83	-8.23e-04	0.0	0.0	-837.81	-0.40	-0.41	0.0	26.83	38.64
		9.60	-2.45	-3.54e-04	0.0	72.0	-835.25	-0.40	-0.41	0.0	-2.45	9.60
2384	5	38.64	26.83	-8.23e-04	0.0	0.0	-837.81	-0.40	-0.41	0.0	26.83	38.64
		9.60	-2.45	-3.54e-04	0.0	72.0	-835.25	-0.40	-0.41	0.0	-2.45	9.60
2385	1	54.90	0.23	-8.47e-03	0.0	0.0	-1622.65	4.41	-6.11e-03	0.0	0.23	-262.98
		-262.98	-0.21	-1.31e-03	0.0	72.0	-1619.32	4.41	-6.11e-03	0.0	-0.21	54.90
2385	2	44.38	-0.07	-6.85e-03	0.0	0.0	-1314.49	3.57	-1.34e-03	0.0	-0.07	-212.58
		-212.58	-0.17	-1.06e-03	0.0	72.0	-1311.93	3.57	-1.34e-03	0.0	-0.17	44.38
2385	3	41.24	0.10	-6.37e-03	0.0	0.0	-1218.83	3.32	-3.33e-03	0.0	0.10	-197.60
		-197.60	-0.14	-9.80e-04	0.0	72.0	-1216.27	3.32	-3.33e-03	0.0	-0.14	41.24
2385	4	35.01	1.01	-5.39e-03	0.0	0.0	-1027.40	2.82	-0.02	0.0	1.01	-167.70
		-167.70	-0.14	-8.27e-04	0.0	72.0	-1024.84	2.82	-0.02	0.0	-0.14	35.01
2385	5	35.01	1.01	-5.39e-03	0.0	0.0	-1027.40	2.82	-0.02	0.0	1.01	-167.70
		-167.70	-0.14	-8.27e-04	0.0	72.0	-1024.84	2.82	-0.02	0.0	-0.14	35.01
2387	1	281.97	19.96	-0.02	0.0	0.0	-1931.52	7.05	0.50	0.0	0.0	0.0
		0.0	0.0	-5.47e-03	0.0	40.0	-1929.67	7.05	0.50	0.0	19.96	281.97
2387	2	226.99	16.12	-0.02	0.0	0.0	-1555.29	5.67	0.40	0.0	0.0	0.0



		0.0	0.0	-4.41e-03	0.0	40.0	-1553.86	5.67	0.40	0.0	16.12	226.99
2387	3	212.42	15.05	-0.02	0.0	0.0	-1454.94	5.31	0.38	0.0	0.0	0.0
		0.0	0.0	-4.12e-03	0.0	40.0	-1453.51	5.31	0.38	0.0	15.05	212.42
2387	4	183.29	12.79	-0.01	0.0	0.0	-1254.03	4.58	0.32	0.0	0.0	0.0
		0.0	0.0	-3.54e-03	0.0	40.0	-1252.61	4.58	0.32	0.0	12.79	183.29
2387	5	183.29	12.79	-0.01	0.0	0.0	-1254.03	4.58	0.32	0.0	0.0	0.0
		0.0	0.0	-3.54e-03	0.0	40.0	-1252.61	4.58	0.32	0.0	12.79	183.29
2388	1	242.39	38.54	8.92e-03	0.0	0.0	-1603.51	-4.06	-0.61	0.0	38.54	242.39
		-49.72	-5.38	4.96e-04	0.0	72.0	-1600.18	-4.06	-0.61	0.0	-5.38	-49.72
2388	2	196.09	30.75	7.22e-03	0.0	0.0	-1299.05	-3.28	-0.49	0.0	30.75	196.09
		-40.24	-4.34	3.97e-04	0.0	72.0	-1296.49	-3.28	-0.49	0.0	-4.34	-40.24
2388	3	182.28	30.12	6.71e-03	0.0	0.0	-1204.94	-3.05	-0.48	0.0	30.12	182.28
		-37.38	-4.10	3.77e-04	0.0	72.0	-1202.38	-3.05	-0.48	0.0	-4.10	-37.38
2388	4	154.65	26.26	5.69e-03	0.0	0.0	-1015.67	-2.59	-0.41	0.0	26.26	154.65
		-31.65	-3.50	3.36e-04	0.0	72.0	-1013.11	-2.59	-0.41	0.0	-3.50	-31.65
2388	5	154.65	26.26	5.69e-03	0.0	0.0	-1015.67	-2.59	-0.41	0.0	26.26	154.65
		-31.65	-3.50	3.36e-04	0.0	72.0	-1013.11	-2.59	-0.41	0.0	-3.50	-31.65
2389	1	55.18	7.95	-7.79e-03	0.0	0.0	-1645.72	4.45	0.71	0.0	-43.20	-265.56
		-265.56	-43.20	-3.47e-03	0.0	72.0	-1642.39	4.45	0.71	0.0	7.95	55.18
2389	2	44.62	6.43	-6.30e-03	0.0	0.0	-1333.01	3.60	0.58	0.0	-35.13	-214.72
		-214.72	-35.13	-2.80e-03	0.0	72.0	-1330.45	3.60	0.58	0.0	6.43	44.62
2389	3	41.48	6.00	-5.86e-03	0.0	0.0	-1236.03	3.35	0.54	0.0	-32.61	-199.58
		-199.58	-32.61	-2.61e-03	0.0	72.0	-1233.47	3.35	0.54	0.0	6.00	41.48
2389	4	35.17	5.09	-4.96e-03	0.0	0.0	-1042.09	2.84	0.45	0.0	-26.99	-169.36
		-169.36	-26.99	-2.24e-03	0.0	72.0	-1039.52	2.84	0.45	0.0	5.09	35.17
2389	5	35.17	5.09	-4.96e-03	0.0	0.0	-1042.09	2.84	0.45	0.0	-26.99	-169.36
		-169.36	-26.99	-2.24e-03	0.0	72.0	-1039.52	2.84	0.45	0.0	5.09	35.17
2392	1	240.59	9.05	9.70e-03	0.0	0.0	-1620.42	-4.03	-0.12	0.0	9.05	240.59
		-49.84	0.20	-6.43e-04	0.0	72.0	-1617.09	-4.03	-0.12	0.0	0.20	-49.84
2392	2	194.58	6.96	7.85e-03	0.0	0.0	-1312.60	-3.26	-0.09	0.0	6.96	194.58
		-40.31	0.18	-5.18e-04	0.0	72.0	-1310.04	-3.26	-0.09	0.0	0.18	-40.31
2392	3	180.97	8.02	7.30e-03	0.0	0.0	-1216.96	-3.03	-0.11	0.0	8.02	180.97
		-37.53	0.08	-4.84e-04	0.0	72.0	-1214.40	-3.03	-0.11	0.0	0.08	-37.53
2392	4	153.54	7.27	6.19e-03	0.0	0.0	-1026.12	-2.57	-0.10	0.0	7.27	153.54
		-31.84	0.07	-4.15e-04	0.0	72.0	-1023.56	-2.57	-0.10	0.0	0.07	-31.84
2392	5	153.54	7.27	6.19e-03	0.0	0.0	-1026.12	-2.57	-0.10	0.0	7.27	153.54
		-31.84	0.07	-4.15e-04	0.0	72.0	-1023.56	-2.57	-0.10	0.0	0.07	-31.84
2393	1	-16.28	8.99	2.76e-03	0.0	0.0	-1444.04	0.61	1.12	0.0	-71.82	-60.33
		-60.33	-71.82	-4.69e-03	0.0	72.0	-1440.71	0.61	1.12	0.0	8.99	-16.28
2393	2	-13.17	7.26	2.22e-03	0.0	0.0	-1170.90	0.49	0.91	0.0	-58.29	-48.76
		-48.76	-58.29	-3.78e-03	0.0	72.0	-1168.34	0.49	0.91	0.0	7.26	-13.17
2393	3	-12.21	6.80	2.07e-03	0.0	0.0	-1083.97	0.46	0.85	0.0	-54.18	-45.40
		-45.40	-54.18	-3.53e-03	0.0	72.0	-1081.41	0.46	0.85	0.0	6.80	-12.21
2393	4	-10.30	5.79	1.75e-03	0.0	0.0	-910.47	0.39	0.71	0.0	-45.27	-38.57
		-38.57	-45.27	-3.02e-03	0.0	72.0	-907.91	0.39	0.71	0.0	5.79	-10.30
2393	5	-10.30	5.79	1.75e-03	0.0	0.0	-910.47	0.39	0.71	0.0	-45.27	-38.57
		-38.57	-45.27	-3.02e-03	0.0	72.0	-907.91	0.39	0.71	0.0	5.79	-10.30
2394	1	309.97	34.63	-0.02	0.0	0.0	-1589.02	7.75	0.87	0.0	0.0	0.0
		0.0	0.0	-7.18e-03	0.0	40.0	-1587.17	7.75	0.87	0.0	34.63	309.97
2394	2	249.25	27.93	-0.02	0.0	0.0	-1277.72	6.23	0.70	0.0	0.0	0.0
		0.0	0.0	-5.79e-03	0.0	40.0	-1276.30	6.23	0.70	0.0	27.93	249.25
2394	3	233.56	26.06	-0.02	0.0	0.0	-1197.70	5.84	0.65	0.0	0.0	0.0
		0.0	0.0	-5.41e-03	0.0	40.0	-1196.28	5.84	0.65	0.0	26.06	233.56
2394	4	202.44	22.27	-0.01	0.0	0.0	-1037.62	5.06	0.56	0.0	0.0	0.0
		0.0	0.0	-4.65e-03	0.0	40.0	-1036.19	5.06	0.56	0.0	22.27	202.44
2394	5	202.44	22.27	-0.01	0.0	0.0	-1037.62	5.06	0.56	0.0	0.0	0.0
		0.0	0.0	-4.65e-03	0.0	40.0	-1036.19	5.06	0.56	0.0	22.27	202.44
2395	1	308.56	0.0	-0.02	0.0	0.0	-1348.80	7.71	-5.28	0.0	0.0	0.0
		0.0	-211.34	0.08	0.0	40.0	-1346.95	7.71	-5.28	0.0	-211.34	308.56
2395	2	248.11	0.0	-0.02	0.0	0.0	-1085.12	6.20	-4.25	0.0	0.0	0.0
		0.0	-170.15	0.06	0.0	40.0	-1083.70	6.20	-4.25	0.0	-170.15	248.11
2395	3	232.50	0.0	-0.02	0.0	0.0	-1016.34	5.81	-3.98	0.0	0.0	0.0
		0.0	-159.21	0.06	0.0	40.0	-1014.92	5.81	-3.98	0.0	-159.21	232.50
2395	4	201.52	0.0	-0.01	0.0	0.0	-878.91	5.04	-3.43	0.0	0.0	0.0
		0.0	-137.31	0.05	0.0	40.0	-877.48	5.04	-3.43	0.0	-137.31	201.52
2395	5	201.52	0.0	-0.01	0.0	0.0	-878.91	5.04	-3.43	0.0	0.0	0.0
		0.0	-137.31	0.05	0.0	40.0	-877.48	5.04	-3.43	0.0	-137.31	201.52
2396	1	56.74	-0.18	1.51e-03	0.0	0.0	-1433.67	-0.57	0.16	0.0	-11.95	56.74
		15.66	-11.95	-1.25e-03	0.0	72.0	-1430.34	-0.57	0.16	0.0	-0.18	15.66
2396	2	45.83	-0.13	1.22e-03	0.0	0.0	-1162.51	-0.46	0.14	0.0	-10.05	45.83
		12.68	-10.05	-1.01e-03	0.0	72.0	-1159.95	-0.46	0.14	0.0	-0.13	12.68
2396	3	42.47	-0.21	1.11e-03	0.0	0.0	-1075.36	-0.43	0.10	0.0	-7.64	42.47
		11.85	-7.64	-9.37e-04	0.0	72.0	-1072.80	-0.43	0.10	0.0	-0.21	11.85
2396	4	36.23	-0.16	9.46e-04	0.0	0.0	-903.17	-0.36	0.08	0.0	-6.04	36.23
		10.05	-6.04	-8.03e-04	0.0	72.0	-900.61	-0.36	0.08	0.0	-0.16	10.05
2396	5	36.23	-0.16	9.46e-04	0.0	0.0	-903.17	-0.36	0.08	0.0	-6.04	36.23
		10.05	-6.04	-8.03e-04	0.0	72.0	-900.61	-0.36	0.08	0.0	-0.16	10.05

2397	1	-11.37	1.56	3.57e-03	0.0	0.0	-1400.06	0.70	0.94	0.0	-66.34	-62.10
		-62.10	-66.34	-3.56e-03	0.0	72.0	-1396.74	0.70	0.94	0.0	1.56	-11.37
2397	2	-9.21	1.25	2.88e-03	0.0	0.0	-1135.52	0.57	0.77	0.0	-53.97	-50.19
		-50.19	-53.97	-2.88e-03	0.0	72.0	-1132.96	0.57	0.77	0.0	1.25	-9.21
2397	3	-8.53	1.22	2.69e-03	0.0	0.0	-1050.63	0.53	0.71	0.0	-50.06	-46.73
		-46.73	-50.06	-2.68e-03	0.0	72.0	-1048.07	0.53	0.71	0.0	1.22	-8.53
2397	4	-7.19	1.08	2.30e-03	0.0	0.0	-881.57	0.45	0.59	0.0	-41.49	-39.67
		-39.67	-41.49	-2.29e-03	0.0	72.0	-879.01	0.45	0.59	0.0	1.08	-7.19
2397	5	-7.19	1.08	2.30e-03	0.0	0.0	-881.57	0.45	0.59	0.0	-41.49	-39.67
		-39.67	-41.49	-2.29e-03	0.0	72.0	-879.01	0.45	0.59	0.0	1.08	-7.19
2400	1	57.27	-6.04	2.39e-03	0.0	0.0	-1322.58	-0.52	-0.03	0.0	-6.04	57.27
		19.60	-7.94	-1.29e-04	0.0	72.0	-1319.25	-0.52	-0.03	0.0	-7.94	19.60
2400	2	46.24	-5.41	1.92e-03	0.0	0.0	-1073.10	-0.42	-0.01	0.0	-5.41	46.24
		15.86	-6.41	-1.09e-04	0.0	72.0	-1070.54	-0.42	-0.01	0.0	-6.41	15.86
2400	3	42.90	-3.14	1.78e-03	0.0	0.0	-992.67	-0.39	-0.04	0.0	-3.14	42.90
		14.78	-6.03	-9.40e-05	0.0	72.0	-990.11	-0.39	-0.04	0.0	-6.03	14.78
2400	4	36.65	-1.83	1.52e-03	0.0	0.0	-831.85	-0.34	-0.05	0.0	-1.83	36.65
		12.51	-5.11	-6.53e-05	0.0	72.0	-829.29	-0.34	-0.05	0.0	-5.11	12.51
2400	5	36.65	-1.83	1.52e-03	0.0	0.0	-831.85	-0.34	-0.05	0.0	-1.83	36.65
		12.51	-5.11	-6.53e-05	0.0	72.0	-829.29	-0.34	-0.05	0.0	-5.11	12.51
2401	1	36.07	-3.92	-3.17e-03	0.0	0.0	-1401.82	3.30	0.45	0.0	-36.42	-201.35
		-201.35	-36.42	-4.32e-04	0.0	72.0	-1398.49	3.30	0.45	0.0	-3.92	36.07
2401	2	29.22	-3.17	-2.58e-03	0.0	0.0	-1136.55	2.67	0.37	0.0	-29.82	-163.01
		-163.01	-29.82	-3.47e-04	0.0	72.0	-1133.99	2.67	0.37	0.0	-3.17	29.22
2401	3	27.10	-2.90	-2.38e-03	0.0	0.0	-1052.45	2.48	0.34	0.0	-27.56	-151.26
		-151.26	-27.56	-3.27e-04	0.0	72.0	-1049.89	2.48	0.34	0.0	-2.90	27.10
2401	4	22.83	-2.44	-1.97e-03	0.0	0.0	-884.16	2.09	0.28	0.0	-22.27	-127.72
		-127.72	-22.27	-2.88e-04	0.0	72.0	-881.60	2.09	0.28	0.0	-2.44	22.83
2401	5	22.83	-2.44	-1.97e-03	0.0	0.0	-884.16	2.09	0.28	0.0	-22.27	-127.72
		-127.72	-22.27	-2.88e-04	0.0	72.0	-881.60	2.09	0.28	0.0	-2.44	22.83
2404	1	293.17	-7.25	0.01	0.0	0.0	-1595.59	-4.92	0.02	0.0	-8.48	293.17
		-60.87	-8.48	5.42e-04	0.0	72.0	-1592.26	-4.92	0.02	0.0	-7.25	-60.87
2404	2	237.00	-5.85	0.01	0.0	0.0	-1292.71	-3.98	0.02	0.0	-7.36	237.00
		-49.21	-7.36	4.42e-04	0.0	72.0	-1290.15	-3.98	0.02	0.0	-5.85	-49.21
2404	3	220.47	-4.97	0.01	0.0	0.0	-1198.05	-3.70	-7.36e-03	0.0	-4.97	220.47
		-45.81	-5.50	3.99e-04	0.0	72.0	-1195.49	-3.70	-7.36e-03	0.0	-5.50	-45.81
2404	4	187.38	-3.42	8.97e-03	0.0	0.0	-1009.16	-3.14	-0.02	0.0	-3.42	187.38
		-38.94	-4.65	3.38e-04	0.0	72.0	-1006.60	-3.14	-0.02	0.0	-4.65	-38.94
2404	5	187.38	-3.42	8.97e-03	0.0	0.0	-1009.16	-3.14	-0.02	0.0	-3.42	187.38
		-38.94	-4.65	3.38e-04	0.0	72.0	-1006.60	-3.14	-0.02	0.0	-4.65	-38.94
2405	1	25.88	-3.30	-4.56e-03	0.0	0.0	-1515.81	3.26	0.02	0.0	-4.90	-209.13
		-209.13	-4.90	3.07e-03	0.0	72.0	-1512.48	3.26	0.02	0.0	-3.30	25.88
2405	2	20.94	-2.65	-3.70e-03	0.0	0.0	-1228.57	2.64	0.02	0.0	-4.23	-169.24
		-169.24	-4.23	2.50e-03	0.0	72.0	-1226.01	2.64	0.02	0.0	-2.65	20.94
2405	3	19.42	-2.44	-3.42e-03	0.0	0.0	-1138.29	2.45	0.02	0.0	-3.93	-157.05
		-157.05	-3.93	2.30e-03	0.0	72.0	-1135.73	2.45	0.02	0.0	-2.44	19.42
2405	4	16.40	-2.11	-2.86e-03	0.0	0.0	-957.75	2.07	5.34e-03	0.0	-2.50	-132.71
		-132.71	-2.50	1.91e-03	0.0	72.0	-955.19	2.07	5.34e-03	0.0	-2.11	16.40
2405	5	16.40	-2.11	-2.86e-03	0.0	0.0	-957.75	2.07	5.34e-03	0.0	-2.50	-132.71
		-132.71	-2.50	1.91e-03	0.0	72.0	-955.19	2.07	5.34e-03	0.0	-2.11	16.40
2408	1	292.86	3.50	0.01	0.0	0.0	-1587.80	-4.67	0.46	0.0	-29.87	292.86
		-43.39	-29.87	4.10e-04	0.0	72.0	-1584.48	-4.67	0.46	0.0	3.50	-43.39
2408	2	236.80	2.83	0.01	0.0	0.0	-1286.49	-3.78	0.38	0.0	-24.42	236.80
		-35.09	-24.42	3.45e-04	0.0	72.0	-1283.93	-3.78	0.38	0.0	2.83	-35.09
2408	3	220.26	2.58	0.01	0.0	0.0	-1192.52	-3.51	0.33	0.0	-21.12	220.26
		-32.65	-21.12	2.85e-04	0.0	72.0	-1189.96	-3.51	0.33	0.0	2.58	-32.65
2408	4	187.13	2.23	9.14e-03	0.0	0.0	-1004.52	-2.98	0.28	0.0	-17.90	187.13
		-27.73	-17.90	2.18e-04	0.0	72.0	-1001.96	-2.98	0.28	0.0	2.23	-27.73
2408	5	187.13	2.23	9.14e-03	0.0	0.0	-1004.52	-2.98	0.28	0.0	-17.90	187.13
		-27.73	-17.90	2.18e-04	0.0	72.0	-1001.96	-2.98	0.28	0.0	2.23	-27.73
2409	1	49.12	6.84	-6.15e-03	0.0	0.0	-1679.28	3.94	-0.06	0.0	6.84	-234.62
		-234.62	6.84	5.42e-03	0.0	72.0	-1675.95	3.94	-0.06	0.0	2.23	49.12
2409	2	39.73	5.50	-4.98e-03	0.0	0.0	-1359.90	3.19	-0.05	0.0	5.50	-189.75
		-189.75	5.50	4.42e-03	0.0	72.0	-1357.34	3.19	-0.05	0.0	1.83	39.73
2409	3	36.85	4.75	-4.61e-03	0.0	0.0	-1261.27	2.96	-0.04	0.0	4.75	-176.25
		-176.25	4.75	4.06e-03	0.0	72.0	-1258.71	2.96	-0.04	0.0	1.71	36.85
2409	4	31.18	4.22	-3.88e-03	0.0	0.0	-1064.28	2.51	-0.04	0.0	4.22	-149.20
		-149.20	4.22	3.34e-03	0.0	72.0	-1061.72	2.51	-0.04	0.0	1.37	31.18
2409	5	31.18	4.22	-3.88e-03	0.0	0.0	-1064.28	2.51	-0.04	0.0	4.22	-149.20
		-149.20	4.22	3.34e-03	0.0	72.0	-1061.72	2.51	-0.04	0.0	1.37	31.18
2410	1	55.32	-87.57	0.02	0.0	0.0	-2651.08	1.42	0.74	0.0	-161.15	-86.76
		-86.76	-161.15	-0.04	0.0	100.0	-2646.46	1.42	0.74	0.0	-87.57	55.32
2410	2	44.56	-70.64	0.01	0.0	0.0	-2134.67	1.14	0.59	0.0	-129.69	-69.85
		-69.85	-129.69	-0.03	0.0	100.0	-2131.11	1.14	0.59	0.0	-70.64	44.56
2410	3	41.66	-65.91	0.01	0.0	0.0	-1996.94	1.07	0.56	0.0	-121.42	-65.34
		-65.34	-121.42	-0.03	0.0	100.0	-1993.38	1.07	0.56	0.0	-65.91	41.66
2410	4	35.87	-56.45	0.01	0.0	0.0	-1721.52	0.92	0.48	0.0	-104.86	-56.37



		-56.37	-104.86	-0.02	0.0	100.0	-1717.96	0.92	0.48	0.0	-56.45	35.87
2410	5	35.87	-56.45	0.01	0.0	0.0	-1721.52	0.92	0.48	0.0	-104.86	-56.37
		-56.37	-104.86	-0.02	0.0	100.0	-1717.96	0.92	0.48	0.0	-56.45	35.87
2411	1	51.18	-114.27	0.02	0.0	0.0	-1729.38	1.37	6.09	0.0	-723.55	-85.79
		-85.79	-723.55	-0.09	0.0	100.0	-1724.75	1.37	6.09	0.0	-114.27	51.18
2411	2	41.23	-92.15	0.01	0.0	0.0	-1392.53	1.10	4.90	0.0	-582.52	-69.07
		-69.07	-582.52	-0.07	0.0	100.0	-1388.98	1.10	4.90	0.0	-92.15	41.23
2411	3	38.55	-86.02	0.01	0.0	0.0	-1302.63	1.03	4.59	0.0	-545.07	-64.61
		-64.61	-545.07	-0.07	0.0	100.0	-1299.07	1.03	4.59	0.0	-86.02	38.55
2411	4	33.19	-73.74	0.01	0.0	0.0	-1122.85	0.89	3.96	0.0	-470.11	-55.74
		-55.74	-470.11	-0.06	0.0	100.0	-1119.29	0.89	3.96	0.0	-73.74	33.19
2411	5	33.19	-73.74	0.01	0.0	0.0	-1122.85	0.89	3.96	0.0	-470.11	-55.74
		-55.74	-470.11	-0.06	0.0	100.0	-1119.29	0.89	3.96	0.0	-73.74	33.19
2412	1	276.80	14.82	0.01	0.0	0.0	-1624.85	-4.60	0.89	0.0	-49.04	276.80
		-54.11	-49.04	5.20e-04	0.0	72.0	-1621.52	-4.60	0.89	0.0	14.82	-54.11
2412	2	223.78	11.98	9.34e-03	0.0	0.0	-1315.92	-3.72	0.72	0.0	-39.57	223.78
		-43.75	-39.57	4.38e-04	0.0	72.0	-1313.36	-3.72	0.72	0.0	11.98	-43.75
2412	3	208.13	11.08	8.69e-03	0.0	0.0	-1220.44	-3.46	0.65	0.0	-35.60	208.13
		-40.70	-35.60	3.67e-04	0.0	72.0	-1217.88	-3.46	0.65	0.0	11.08	-40.70
2412	4	177.00	9.47	7.39e-03	0.0	0.0	-1029.54	-2.94	0.57	0.0	-31.26	177.00
		-34.61	-31.26	2.70e-04	0.0	72.0	-1026.98	-2.94	0.57	0.0	9.47	-34.61
2412	5	177.00	9.47	7.39e-03	0.0	0.0	-1029.54	-2.94	0.57	0.0	-31.26	177.00
		-34.61	-31.26	2.70e-04	0.0	72.0	-1026.98	-2.94	0.57	0.0	9.47	-34.61
2413	1	-15.01	20.43	1.74e-03	0.0	0.0	-1467.96	0.52	-0.21	0.0	20.43	-52.52
		-52.52	5.22	8.04e-03	0.0	72.0	-1464.63	0.52	-0.21	0.0	5.22	-15.01
2413	2	-12.14	16.69	1.41e-03	0.0	0.0	-1190.08	0.42	-0.17	0.0	16.69	-42.43
		-42.43	4.25	6.56e-03	0.0	72.0	-1187.52	0.42	-0.17	0.0	4.25	-12.14
2413	3	-11.14	14.82	1.30e-03	0.0	0.0	-1102.91	0.40	-0.15	0.0	14.82	-39.81
		-39.81	3.96	6.02e-03	0.0	72.0	-1100.35	0.40	-0.15	0.0	3.96	-11.14
2413	4	-9.39	12.16	1.10e-03	0.0	0.0	-926.97	0.34	-0.12	0.0	12.16	-34.00
		-34.00	3.25	4.94e-03	0.0	72.0	-924.41	0.34	-0.12	0.0	3.25	-9.39
2413	5	-9.39	12.16	1.10e-03	0.0	0.0	-926.97	0.34	-0.12	0.0	12.16	-34.00
		-34.00	3.25	4.94e-03	0.0	72.0	-924.41	0.34	-0.12	0.0	3.25	-9.39
2414	1	0.55	243.69	2.01e-03	0.0	0.0	-2888.98	-0.02	4.53	0.0	-209.67	0.55
		-1.66	-209.67	-0.07	0.0	100.0	-2884.36	-0.02	4.53	0.0	243.69	-1.66
2414	2	0.43	196.04	1.62e-03	0.0	0.0	-2329.48	-0.02	3.65	0.0	-168.75	0.43
		-1.35	-168.75	-0.06	0.0	100.0	-2325.93	-0.02	3.65	0.0	196.04	-1.35
2414	3	0.41	183.67	1.51e-03	0.0	0.0	-2174.71	-0.02	3.42	0.0	-158.00	0.41
		-1.24	-158.00	-0.05	0.0	100.0	-2171.16	-0.02	3.42	0.0	183.67	-1.24
2414	4	0.37	158.85	1.30e-03	0.0	0.0	-1865.12	-0.01	2.95	0.0	-136.43	0.37
		-1.04	-136.43	-0.05	0.0	100.0	-1861.57	-0.01	2.95	0.0	158.85	-1.04
2414	5	0.37	158.85	1.30e-03	0.0	0.0	-1865.12	-0.01	2.95	0.0	-136.43	0.37
		-1.04	-136.43	-0.05	0.0	100.0	-1861.57	-0.01	2.95	0.0	158.85	-1.04
2416	1	52.10	19.05	-1.10e-03	0.0	0.0	-1408.17	-0.45	0.86	0.0	-42.96	52.10
		19.52	-42.96	2.02e-03	0.0	72.0	-1404.84	-0.45	0.86	0.0	19.05	19.52
2416	2	42.03	15.40	-8.92e-04	0.0	0.0	-1141.90	-0.36	0.69	0.0	-34.42	42.03
		15.81	-34.42	1.70e-03	0.0	72.0	-1139.34	-0.36	0.69	0.0	15.40	15.81
2416	3	39.11	14.24	-8.34e-04	0.0	0.0	-1056.76	-0.34	0.63	0.0	-31.04	39.11
		14.73	-31.04	1.49e-03	0.0	72.0	-1054.20	-0.34	0.63	0.0	14.24	14.73
2416	4	33.43	12.15	-7.11e-04	0.0	0.0	-887.66	-0.29	0.56	0.0	-28.17	33.43
		12.50	-28.17	1.05e-03	0.0	72.0	-885.10	-0.29	0.56	0.0	12.15	12.50
2416	5	33.43	12.15	-7.11e-04	0.0	0.0	-887.66	-0.29	0.56	0.0	-28.17	33.43
		12.50	-28.17	1.05e-03	0.0	72.0	-885.10	-0.29	0.56	0.0	12.15	12.50
2417	1	-17.22	76.11	1.05e-03	0.0	0.0	-1138.32	0.40	-1.06	0.0	76.11	-45.72
		-45.72	-0.40	0.01	0.0	72.0	-1134.99	0.40	-1.06	0.0	-0.40	-17.22
2417	2	-13.92	61.85	8.47e-04	0.0	0.0	-923.15	0.32	-0.86	0.0	61.85	-36.88
		-36.88	-0.28	0.01	0.0	72.0	-920.59	0.32	-0.86	0.0	-0.28	-13.92
2417	3	-12.96	56.64	7.85e-04	0.0	0.0	-854.54	0.30	-0.79	0.0	56.64	-34.45
		-34.45	-0.28	0.01	0.0	72.0	-851.98	0.30	-0.79	0.0	-0.28	-12.96
2417	4	-11.01	47.25	6.65e-04	0.0	0.0	-717.14	0.26	-0.66	0.0	47.25	-29.52
		-29.52	-0.36	8.39e-03	0.0	72.0	-714.58	0.26	-0.66	0.0	-0.36	-11.01
2417	5	-11.01	47.25	6.65e-04	0.0	0.0	-717.14	0.26	-0.66	0.0	47.25	-29.52
		-29.52	-0.36	8.39e-03	0.0	72.0	-714.58	0.26	-0.66	0.0	-0.36	-11.01
2418	1	0.0	0.0	2.07e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2418	2	0.0	0.0	1.67e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2418	3	0.0	0.0	1.56e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-9.68e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2418	4	0.0	0.0	1.34e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-8.58e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2418	5	0.0	0.0	1.34e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-8.58e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2419	1	19.33	-70.08	6.25e-04	0.0	0.0	-2180.15	0.09	0.42	0.0	-111.99	10.35
		10.35	-111.99	-0.03	0.0	100.0	-2175.53	0.09	0.42	0.0	-70.08	19.33
2419	2	15.52	-56.49	5.06e-04	0.0	0.0	-1758.11	0.07	0.34	0.0	-90.15	8.31
		8.31	-90.15	-0.03	0.0	100.0	-1754.55	0.07	0.34	0.0	-56.49	15.52

2419	3	14.58	-52.77	4.69e-04	0.0	0.0	-1640.98	0.07	0.32	0.0	-84.38	7.81
		7.81	-84.38	-0.03	0.0	100.0	-1637.43	0.07	0.32	0.0	-52.77	14.58
2419	4	12.67	-45.30	3.98e-04	0.0	0.0	-1406.67	0.06	0.28	0.0	-72.81	6.81
		6.81	-72.81	-0.02	0.0	100.0	-1403.12	0.06	0.28	0.0	-45.30	12.67
2419	5	12.67	-45.30	3.98e-04	0.0	0.0	-1406.67	0.06	0.28	0.0	-72.81	6.81
		6.81	-72.81	-0.02	0.0	100.0	-1403.12	0.06	0.28	0.0	-45.30	12.67
2420	1	49.35	15.86	-1.44e-03	0.0	0.0	-1178.02	-0.62	0.17	0.0	3.49	49.35
		4.80	3.49	6.81e-03	0.0	72.0	-1174.69	-0.62	0.17	0.0	15.86	4.80
2420	2	39.82	12.82	-1.16e-03	0.0	0.0	-955.20	-0.50	0.13	0.0	3.29	39.82
		3.90	3.29	5.60e-03	0.0	72.0	-952.64	-0.50	0.13	0.0	12.82	3.90
2420	3	37.16	11.85	-1.08e-03	0.0	0.0	-884.31	-0.47	0.11	0.0	3.78	37.16
		3.56	3.78	5.08e-03	0.0	72.0	-881.75	-0.47	0.11	0.0	11.85	3.56
2420	4	31.74	10.12	-9.15e-04	0.0	0.0	-742.66	-0.40	0.13	0.0	0.96	31.74
		2.96	0.96	4.06e-03	0.0	72.0	-740.10	-0.40	0.13	0.0	10.12	2.96
2420	5	31.74	10.12	-9.15e-04	0.0	0.0	-742.66	-0.40	0.13	0.0	0.96	31.74
		2.96	0.96	4.06e-03	0.0	72.0	-740.10	-0.40	0.13	0.0	10.12	2.96
2421	1	44.47	126.08	-9.77e-03	0.0	0.0	-991.24	3.83	-1.81	0.0	126.08	-231.64
		-231.64	-4.57	0.02	0.0	72.0	-987.91	3.83	-1.81	0.0	-4.57	44.47
2421	2	35.91	102.33	-7.89e-03	0.0	0.0	-802.50	3.10	-1.47	0.0	102.33	-187.05
		-187.05	-3.64	0.02	0.0	72.0	-799.94	3.10	-1.47	0.0	-3.64	35.91
2421	3	33.41	94.18	-7.35e-03	0.0	0.0	-744.75	2.88	-1.36	0.0	94.18	-174.07
		-174.07	-3.42	0.01	0.0	72.0	-742.19	2.88	-1.36	0.0	-3.42	33.41
2421	4	28.50	78.85	-6.28e-03	0.0	0.0	-629.22	2.46	-1.14	0.0	78.85	-148.58
		-148.58	-3.04	0.01	0.0	72.0	-626.66	2.46	-1.14	0.0	-3.04	28.50
2421	5	28.50	78.85	-6.28e-03	0.0	0.0	-629.22	2.46	-1.14	0.0	78.85	-148.58
		-148.58	-3.04	0.01	0.0	72.0	-626.66	2.46	-1.14	0.0	-3.04	28.50
2423	1	0.0	0.0	-0.02	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2423	2	0.0	0.0	-0.01	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	8.31e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2423	3	0.0	0.0	-0.01	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	7.62e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2423	4	0.0	0.0	-0.01	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	6.26e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2423	5	0.0	0.0	-0.01	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	6.26e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2424	1	96.00	47.35	1.93e-03	0.0	0.0	-924.68	-1.54	-0.47	0.0	47.35	96.00
		-14.96	13.48	0.01	0.0	72.0	-921.35	-1.54	-0.47	0.0	13.48	-14.96
2424	2	77.68	38.88	1.57e-03	0.0	0.0	-748.88	-1.25	-0.39	0.0	38.88	77.68
		-12.12	10.90	9.32e-03	0.0	72.0	-746.32	-1.25	-0.39	0.0	10.90	-12.12
2424	3	72.26	36.66	1.45e-03	0.0	0.0	-694.43	-1.16	-0.37	0.0	36.66	72.26
		-11.24	10.07	8.53e-03	0.0	72.0	-691.87	-1.16	-0.37	0.0	10.07	-11.24
2424	4	61.13	28.54	1.21e-03	0.0	0.0	-585.79	-0.98	-0.28	0.0	28.54	61.13
		-9.47	8.61	6.94e-03	0.0	72.0	-583.23	-0.98	-0.28	0.0	8.61	-9.47
2424	5	61.13	28.54	1.21e-03	0.0	0.0	-585.79	-0.98	-0.28	0.0	28.54	61.13
		-9.47	8.61	6.94e-03	0.0	72.0	-583.23	-0.98	-0.28	0.0	8.61	-9.47
2426	1	-0.93	2.16	2.10e-04	0.0	0.0	-1485.75	-0.03	-0.03	0.0	2.16	-0.93
		-4.08	-0.92	-0.02	0.0	100.0	-1481.13	-0.03	-0.03	0.0	-0.92	-4.08
2426	2	-0.74	1.73	1.62e-04	0.0	0.0	-1197.58	-0.03	-0.02	0.0	1.73	-0.74
		-3.27	-0.75	-0.01	0.0	100.0	-1194.02	-0.03	-0.02	0.0	-0.75	-3.27
2426	3	-0.70	1.63	1.62e-04	0.0	0.0	-1118.61	-0.02	-0.02	0.0	1.63	-0.70
		-3.08	-0.69	-0.01	0.0	100.0	-1115.05	-0.02	-0.02	0.0	-0.69	-3.08
2426	4	-0.62	1.41	1.58e-04	0.0	0.0	-960.58	-0.02	-0.02	0.0	1.41	-0.62
		-2.69	-0.57	-0.01	0.0	100.0	-957.03	-0.02	-0.02	0.0	-0.57	-2.69
2426	5	-0.62	1.41	1.58e-04	0.0	0.0	-960.58	-0.02	-0.02	0.0	1.41	-0.62
		-2.69	-0.57	-0.01	0.0	100.0	-957.03	-0.02	-0.02	0.0	-0.57	-2.69
2427	1	-1.19	399.69	1.96e-04	0.0	0.0	-2077.46	-0.02	-5.06	0.0	399.69	-1.19
		-3.34	-106.36	-0.01	0.0	100.0	-2072.84	-0.02	-5.06	0.0	-106.36	-3.34
2427	2	-0.95	321.68	1.51e-04	0.0	0.0	-1674.54	-0.02	-4.07	0.0	321.68	-0.95
		-2.67	-85.63	-0.01	0.0	100.0	-1670.99	-0.02	-4.07	0.0	-85.63	-2.67
2427	3	-0.90	301.12	1.52e-04	0.0	0.0	-1564.01	-0.02	-3.81	0.0	301.12	-0.90
		-2.52	-80.12	-9.96e-03	0.0	100.0	-1560.45	-0.02	-3.81	0.0	-80.12	-2.52
2427	4	-0.79	260.05	1.50e-04	0.0	0.0	-1343.01	-0.01	-3.29	0.0	260.05	-0.79
		-2.22	-69.11	-8.59e-03	0.0	100.0	-1339.45	-0.01	-3.29	0.0	-69.11	-2.22
2427	5	-0.79	260.05	1.50e-04	0.0	0.0	-1343.01	-0.01	-3.29	0.0	260.05	-0.79
		-2.22	-69.11	-8.59e-03	0.0	100.0	-1339.45	-0.01	-3.29	0.0	-69.11	-2.22
2428	1	28.78	7.93	-0.01	0.0	0.0	-1510.08	0.79	0.14	0.0	-5.96	-50.00
		-50.00	-5.96	-0.02	0.0	100.0	-1505.46	0.79	0.14	0.0	7.93	28.78
2428	2	23.18	6.37	-0.01	0.0	0.0	-1217.73	0.63	0.11	0.0	-4.81	-40.31
		-40.31	-4.81	-0.02	0.0	100.0	-1214.18	0.63	0.11	0.0	6.37	23.18
2428	3	21.68	5.96	-0.01	0.0	0.0	-1136.67	0.59	0.10	0.0	-4.49	-37.65
		-37.65	-4.49	-0.01	0.0	100.0	-1133.11	0.59	0.10	0.0	5.96	21.68
2428	4	18.60	5.19	-9.70e-03	0.0	0.0	-974.37	0.51	0.09	0.0	-3.84	-32.31
		-32.31	-3.84	-0.01	0.0	100.0	-970.81	0.51	0.09	0.0	5.19	18.60
2428	5	18.60	5.19	-9.70e-03	0.0	0.0	-974.37	0.51	0.09	0.0	-3.84	-32.31
		-32.31	-3.84	-0.01	0.0	100.0	-970.81	0.51	0.09	0.0	5.19	18.60
2431	1	0.84	18.59	-4.27e-03	0.0	0.0	-1462.13	0.04	0.04	0.0	14.82	-3.08

		-3.08	14.82	-0.01	0.0	100.0	-1457.50	0.04	0.04	0.0	18.59	0.84
2431	2	0.72	14.91	-3.43e-03	0.0	0.0	-1177.26	0.03	0.03	0.0	11.94	-2.45
		-2.45	11.94	-0.01	0.0	100.0	-1173.71	0.03	0.03	0.0	14.91	0.72
2431	3	0.61	14.03	-3.22e-03	0.0	0.0	-1101.31	0.03	0.03	0.0	11.15	-2.33
		-2.33	11.15	-0.01	0.0	100.0	-1097.76	0.03	0.03	0.0	14.03	0.61
2431	4	0.38	12.29	-2.80e-03	0.0	0.0	-949.54	0.02	0.03	0.0	9.56	-2.09
		-2.09	9.56	-9.19e-03	0.0	100.0	-945.98	0.02	0.03	0.0	12.29	0.38
2431	5	0.38	12.29	-2.80e-03	0.0	0.0	-949.54	0.02	0.03	0.0	9.56	-2.09
		-2.09	9.56	-9.19e-03	0.0	100.0	-945.98	0.02	0.03	0.0	12.29	0.38
2432	1	12.77	78.15	-5.03e-04	0.0	0.0	-1457.46	8.03e-04	0.93	0.0	-14.55	12.69
		12.69	-14.55	-0.03	0.0	100.0	-1452.84	8.03e-04	0.93	0.0	78.15	12.77
2432	2	10.24	62.83	-4.10e-04	0.0	0.0	-1173.53	4.47e-04	0.75	0.0	-11.70	10.20
		10.20	-11.70	-0.02	0.0	100.0	-1169.97	4.47e-04	0.75	0.0	62.83	10.24
2432	3	9.64	58.94	-3.77e-04	0.0	0.0	-1097.80	6.82e-04	0.70	0.0	-10.97	9.57
		9.57	-10.97	-0.02	0.0	100.0	-1094.25	6.82e-04	0.70	0.0	58.94	9.64
2432	4	8.44	51.14	-3.15e-04	0.0	0.0	-946.44	1.19e-03	0.61	0.0	-9.51	8.33
		8.33	-9.51	-0.02	0.0	100.0	-942.88	1.19e-03	0.61	0.0	51.14	8.44
2432	5	8.44	51.14	-3.15e-04	0.0	0.0	-946.44	1.19e-03	0.61	0.0	-9.51	8.33
		8.33	-9.51	-0.02	0.0	100.0	-942.88	1.19e-03	0.61	0.0	51.14	8.44
2433	1	20.35	282.89	-6.43e-04	0.0	0.0	-1009.23	0.10	4.34	0.0	-150.71	10.69
		10.69	-150.71	-0.14	0.0	100.0	-1004.61	0.10	4.34	0.0	282.89	20.35
2433	2	16.35	227.86	-5.23e-04	0.0	0.0	-812.76	0.08	3.49	0.0	-121.41	8.58
		8.58	-121.41	-0.12	0.0	100.0	-809.20	0.08	3.49	0.0	227.86	16.35
2433	3	15.34	213.06	-4.82e-04	0.0	0.0	-760.14	0.07	3.27	0.0	-113.50	8.06
		8.06	-113.50	-0.11	0.0	100.0	-756.58	0.07	3.27	0.0	213.06	15.34
2433	4	13.32	183.46	-4.03e-04	0.0	0.0	-654.95	0.06	2.81	0.0	-97.66	7.04
		7.04	-97.66	-0.09	0.0	100.0	-651.39	0.06	2.81	0.0	183.46	13.32
2433	5	13.32	183.46	-4.03e-04	0.0	0.0	-654.95	0.06	2.81	0.0	-97.66	7.04
		7.04	-97.66	-0.09	0.0	100.0	-651.39	0.06	2.81	0.0	183.46	13.32
2457	1	280.61	0.0	-0.02	0.0	0.0	-1586.38	7.02	-5.11	0.0	0.0	0.0
		0.0	-204.36	0.08	0.0	40.0	-1584.53	7.02	-5.11	0.0	-204.36	280.61
2457	2	225.90	0.0	-0.02	0.0	0.0	-1277.74	5.65	-4.11	0.0	0.0	0.0
		0.0	-164.53	0.06	0.0	40.0	-1276.32	5.65	-4.11	0.0	-164.53	225.90
2457	3	211.40	0.0	-0.02	0.0	0.0	-1194.79	5.29	-3.85	0.0	0.0	0.0
		0.0	-153.95	0.06	0.0	40.0	-1193.37	5.29	-3.85	0.0	-153.95	211.40
2457	4	182.41	0.0	-0.01	0.0	0.0	-1028.79	4.56	-3.32	0.0	0.0	0.0
		0.0	-132.76	0.05	0.0	40.0	-1027.37	4.56	-3.32	0.0	-132.76	182.41
2457	5	182.41	0.0	-0.01	0.0	0.0	-1028.79	4.56	-3.32	0.0	0.0	0.0
		0.0	-132.76	0.05	0.0	40.0	-1027.37	4.56	-3.32	0.0	-132.76	182.41
2461	1	0.0	1.87	0.03	0.0	0.0	-1603.94	-10.61	0.05	0.0	0.0	0.0
		-424.30	0.0	-7.04e-03	0.0	40.0	-1602.09	-10.61	0.05	0.0	1.87	-424.30
2461	2	0.0	1.51	0.02	0.0	0.0	-1291.61	-8.55	0.04	0.0	0.0	0.0
		-342.08	0.0	-5.67e-03	0.0	40.0	-1290.19	-8.55	0.04	0.0	1.51	-342.08
2461	3	0.0	1.41	0.02	0.0	0.0	-1208.13	-7.99	0.04	0.0	0.0	0.0
		-319.49	0.0	-5.31e-03	0.0	40.0	-1206.71	-7.99	0.04	0.0	1.41	-319.49
2461	4	0.0	1.23	0.02	0.0	0.0	-1040.99	-6.86	0.03	0.0	0.0	0.0
		-274.38	0.0	-4.58e-03	0.0	40.0	-1039.57	-6.86	0.03	0.0	1.23	-274.38
2461	5	0.0	1.23	0.02	0.0	0.0	-1040.99	-6.86	0.03	0.0	0.0	0.0
		-274.38	0.0	-4.58e-03	0.0	40.0	-1039.57	-6.86	0.03	0.0	1.23	-274.38
2462	1	0.0	2.26	0.02	0.0	0.0	-1496.01	-6.16	0.06	0.0	0.0	0.0
		-246.41	0.0	-7.06e-03	0.0	40.0	-1494.16	-6.16	0.06	0.0	2.26	-246.41
2462	2	0.0	1.81	0.01	0.0	0.0	-1204.28	-4.95	0.05	0.0	0.0	0.0
		-197.86	0.0	-5.68e-03	0.0	40.0	-1202.86	-4.95	0.05	0.0	1.81	-197.86
2462	3	0.0	1.70	0.01	0.0	0.0	-1127.05	-4.65	0.04	0.0	0.0	0.0
		-185.82	0.0	-5.32e-03	0.0	40.0	-1125.62	-4.65	0.04	0.0	1.70	-185.82
2462	4	0.0	1.47	0.01	0.0	0.0	-972.44	-4.04	0.04	0.0	0.0	0.0
		-161.68	0.0	-4.59e-03	0.0	40.0	-971.02	-4.04	0.04	0.0	1.47	-161.68
2462	5	0.0	1.47	0.01	0.0	0.0	-972.44	-4.04	0.04	0.0	0.0	0.0
		-161.68	0.0	-4.59e-03	0.0	40.0	-971.02	-4.04	0.04	0.0	1.47	-161.68
2463	1	0.0	399.06	0.03	0.0	0.0	-2303.29	-10.66	9.98	0.0	0.0	0.0
		-426.20	0.0	-0.03	0.0	40.0	-2301.44	-10.66	9.98	0.0	399.06	-426.20
2463	2	0.0	321.16	0.02	0.0	0.0	-1854.76	-8.59	8.03	0.0	0.0	0.0
		-343.61	0.0	-0.03	0.0	40.0	-1853.34	-8.59	8.03	0.0	321.16	-343.61
2463	3	0.0	300.65	0.02	0.0	0.0	-1734.91	-8.02	7.52	0.0	0.0	0.0
		-320.92	0.0	-0.02	0.0	40.0	-1733.49	-8.02	7.52	0.0	300.65	-320.92
2463	4	0.0	259.69	0.02	0.0	0.0	-1495.13	-6.89	6.49	0.0	0.0	0.0
		-275.61	0.0	-0.02	0.0	40.0	-1493.70	-6.89	6.49	0.0	259.69	-275.61
2463	5	0.0	259.69	0.02	0.0	0.0	-1495.13	-6.89	6.49	0.0	0.0	0.0
		-275.61	0.0	-0.02	0.0	40.0	-1493.70	-6.89	6.49	0.0	259.69	-275.61
2471	1	0.0	404.00	0.02	0.0	0.0	-2112.83	-6.19	10.10	0.0	0.0	0.0
		-247.64	0.0	-0.03	0.0	40.0	-2110.98	-6.19	10.10	0.0	404.00	-247.64
2471	2	0.0	325.15	0.01	0.0	0.0	-1700.06	-4.97	8.13	0.0	0.0	0.0
		-198.85	0.0	-0.03	0.0	40.0	-1698.64	-4.97	8.13	0.0	325.15	-198.85
2471	3	0.0	304.36	0.01	0.0	0.0	-1592.01	-4.67	7.61	0.0	0.0	0.0
		-186.75	0.0	-0.02	0.0	40.0	-1590.58	-4.67	7.61	0.0	304.36	-186.75
2471	4	0.0	262.84	0.01	0.0	0.0	-1375.90	-4.06	6.57	0.0	0.0	0.0
		-162.49	0.0	-0.02	0.0	40.0	-1374.47	-4.06	6.57	0.0	262.84	-162.49

2471	5	0.0	262.84	0.01	0.0	0.0	-1375.90	-4.06	6.57	0.0	0.0	0.0
		-162.49	0.0	-0.02	0.0	40.0	-1374.47	-4.06	6.57	0.0	262.84	-162.49
2473	1	215.07	0.0	-0.02	0.0	0.0	-1552.60	5.38	-4.69	0.0	0.0	0.0
		0.0	-187.43	0.08	0.0	40.0	-1550.75	5.38	-4.69	0.0	-187.43	215.07
2473	2	173.05	0.0	-0.01	0.0	0.0	-1250.53	4.33	-3.77	0.0	0.0	0.0
		0.0	-150.90	0.06	0.0	40.0	-1249.11	4.33	-3.77	0.0	-150.90	173.05
2473	3	162.12	0.0	-0.01	0.0	0.0	-1169.36	4.05	-3.53	0.0	0.0	0.0
		0.0	-141.19	0.06	0.0	40.0	-1167.94	4.05	-3.53	0.0	-141.19	162.12
2473	4	140.03	0.0	-9.89e-03	0.0	0.0	-1006.90	3.50	-3.04	0.0	0.0	0.0
		0.0	-121.76	0.05	0.0	40.0	-1005.48	3.50	-3.04	0.0	-121.76	140.03
2473	5	140.03	0.0	-9.89e-03	0.0	0.0	-1006.90	3.50	-3.04	0.0	0.0	0.0
		0.0	-121.76	0.05	0.0	40.0	-1005.48	3.50	-3.04	0.0	-121.76	140.03
2492	1	17.17	-128.67	6.24e-04	0.0	0.0	-1453.26	0.06	5.55	0.0	-683.75	10.94
		10.94	-683.75	-0.09	0.0	100.0	-1448.64	0.06	5.55	0.0	-128.67	17.17
2492	2	13.77	-103.71	5.05e-04	0.0	0.0	-1172.19	0.05	4.47	0.0	-550.49	8.78
		8.78	-550.49	-0.07	0.0	100.0	-1168.63	0.05	4.47	0.0	-103.71	13.77
2492	3	12.96	-96.88	4.68e-04	0.0	0.0	-1093.78	0.05	4.18	0.0	-515.08	8.25
		8.25	-515.08	-0.06	0.0	100.0	-1090.22	0.05	4.18	0.0	-96.88	12.96
2492	4	11.31	-83.19	3.97e-04	0.0	0.0	-936.95	0.04	3.61	0.0	-444.21	7.18
		7.18	-444.21	-0.06	0.0	100.0	-933.39	0.04	3.61	0.0	-83.19	11.31
2492	5	11.31	-83.19	3.97e-04	0.0	0.0	-936.95	0.04	3.61	0.0	-444.21	7.18
		7.18	-444.21	-0.06	0.0	100.0	-933.39	0.04	3.61	0.0	-83.19	11.31
2497	1	0.0	0.0	-0.01	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2497	2	0.0	0.0	-9.98e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2497	3	0.0	0.0	-9.30e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2497	4	0.0	0.0	-7.94e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2497	5	0.0	0.0	-7.94e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2501	1	-7.51	531.20	4.10e-03	0.0	0.0	-1675.57	-0.03	11.56	0.0	-624.56	-7.51
		-10.26	-624.56	-0.11	0.0	100.0	-1670.95	-0.03	11.56	0.0	531.20	-10.26
2501	2	-6.04	427.60	3.30e-03	0.0	0.0	-1350.95	-0.02	9.30	0.0	-502.73	-6.04
		-8.24	-502.73	-0.09	0.0	100.0	-1347.39	-0.02	9.30	0.0	427.60	-8.24
2501	3	-5.67	400.21	3.09e-03	0.0	0.0	-1261.34	-0.02	8.71	0.0	-470.54	-5.67
		-7.75	-470.54	-0.08	0.0	100.0	-1257.78	-0.02	8.71	0.0	400.21	-7.75
2501	4	-4.92	345.34	2.66e-03	0.0	0.0	-1082.12	-0.02	7.51	0.0	-406.08	-4.92
		-6.74	-406.08	-0.07	0.0	100.0	-1078.57	-0.02	7.51	0.0	345.34	-6.74
2501	5	-4.92	345.34	2.66e-03	0.0	0.0	-1082.12	-0.02	7.51	0.0	-406.08	-4.92
		-6.74	-406.08	-0.07	0.0	100.0	-1078.57	-0.02	7.51	0.0	345.34	-6.74
2503	1	-6.54	166.58	4.10e-03	0.0	0.0	-2320.99	-0.07	3.34	0.0	-167.50	-6.54
		-13.84	-167.50	-0.06	0.0	100.0	-2316.36	-0.07	3.34	0.0	166.58	-13.84
2503	2	-5.26	133.92	3.30e-03	0.0	0.0	-1871.10	-0.06	2.69	0.0	-134.79	-5.26
		-11.12	-134.79	-0.05	0.0	100.0	-1867.54	-0.06	2.69	0.0	133.92	-11.12
2503	3	-4.94	125.59	3.09e-03	0.0	0.0	-1747.33	-0.05	2.52	0.0	-126.22	-4.94
		-10.44	-126.22	-0.05	0.0	100.0	-1743.77	-0.05	2.52	0.0	125.59	-10.44
2503	4	-4.29	108.90	2.66e-03	0.0	0.0	-1499.69	-0.05	2.18	0.0	-109.05	-4.29
		-9.05	-109.05	-0.04	0.0	100.0	-1496.13	-0.05	2.18	0.0	108.90	-9.05
2503	5	-4.29	108.90	2.66e-03	0.0	0.0	-1499.69	-0.05	2.18	0.0	-109.05	-4.29
		-9.05	-109.05	-0.04	0.0	100.0	-1496.13	-0.05	2.18	0.0	108.90	-9.05
2506	1	0.0	0.0	0.02	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-5.79e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2506	2	0.0	0.0	0.01	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-4.58e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2506	3	0.0	0.0	0.01	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-4.08e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2506	4	0.0	0.0	0.01	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.94e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2506	5	0.0	0.0	0.01	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.94e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2508	1	0.0	0.0	0.02	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.96e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2508	2	0.0	0.0	0.02	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.19e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2508	3	0.0	0.0	0.01	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.95e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2508	4	0.0	0.0	0.01	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.57e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2508	5	0.0	0.0	0.01	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.57e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2860	1	4.70	43.78	6.94e-03	0.0	0.0	-412.63	1.38	0.36	11.70	14.95	-105.56
		-105.56	14.95	-3.12e-03	0.0	80.0	-408.93	1.38	0.36	11.70	43.78	4.70
2860	2	4.05	35.44	5.61e-03	0.0	0.0	-334.02	1.12	0.29	9.50	12.11	-85.55
		-85.55	12.11	-2.51e-03	0.0	80.0	-331.18	1.12	0.29	9.50	35.44	4.05
2860	3	3.46	32.72	5.22e-03	0.0	0.0	-309.99	1.03	0.27	8.80	11.12	-79.28

		-79.28	11.12	-2.38e-03	0.0	80.0	-307.14	1.03	0.27	8.80	32.72	3.46
2860	4	2.22	27.83	4.46e-03	0.0	0.0	-261.99	0.86	0.23	7.34	9.35	-66.70
		-66.70	9.35	-2.07e-03	0.0	80.0	-259.15	0.86	0.23	7.34	27.83	2.22
2860	5	2.22	27.83	4.46e-03	0.0	0.0	-261.99	0.86	0.23	7.34	9.35	-66.70
		-66.70	9.35	-2.07e-03	0.0	80.0	-259.15	0.86	0.23	7.34	27.83	2.22
2861	1	226.73	47.11	-5.75e-03	0.0	0.0	-399.55	6.87	-3.36	-5.31	47.11	-240.74
		-240.74	-181.08	-1.50e-03	0.0	68.0	-396.41	6.87	-3.36	-5.31	-181.08	226.73
2861	2	183.20	38.15	-4.64e-03	0.0	0.0	-324.07	5.55	-2.72	-4.30	38.15	-194.52
		-194.52	-146.88	-1.20e-03	0.0	68.0	-321.65	5.55	-2.72	-4.30	-146.88	183.20
2861	3	170.33	35.19	-4.32e-03	0.0	0.0	-299.89	5.16	-2.51	-3.89	35.19	-180.88
		-180.88	-135.53	-1.18e-03	0.0	68.0	-297.47	5.16	-2.51	-3.89	-135.53	170.33
2861	4	144.74	29.80	-3.69e-03	0.0	0.0	-251.58	4.39	-2.11	-3.31	29.80	-153.72
		-153.72	-113.76	-1.01e-03	0.0	68.0	-249.16	4.39	-2.11	-3.31	-113.76	144.74
2861	5	144.74	29.80	-3.69e-03	0.0	0.0	-251.58	4.39	-2.11	-3.31	29.80	-153.72
		-153.72	-113.76	-1.01e-03	0.0	68.0	-249.16	4.39	-2.11	-3.31	-113.76	144.74
2862	1	50.94	-4.76	3.22e-03	0.0	0.0	-675.05	0.64	2.63	-0.53	-194.40	5.13
		5.13	-194.40	-0.03	0.0	72.0	-671.72	0.64	2.63	-0.53	-4.76	50.94
2862	2	41.40	-3.82	2.60e-03	0.0	0.0	-546.99	0.52	2.14	-0.45	-157.68	3.92
		3.92	-157.68	-0.02	0.0	72.0	-544.43	0.52	2.14	-0.45	-3.82	41.40
2862	3	38.23	-3.59	2.42e-03	0.0	0.0	-506.91	0.48	1.97	-0.38	-145.50	3.90
		3.90	-145.50	-0.02	0.0	72.0	-504.35	0.48	1.97	-0.38	-3.59	38.23
2862	4	31.76	-3.15	2.06e-03	0.0	0.0	-426.74	0.39	1.65	-0.28	-122.13	4.00
		4.00	-122.13	-0.02	0.0	72.0	-424.18	0.39	1.65	-0.28	-3.15	31.76
2862	5	31.76	-3.15	2.06e-03	0.0	0.0	-426.74	0.39	1.65	-0.28	-122.13	4.00
		4.00	-122.13	-0.02	0.0	72.0	-424.18	0.39	1.65	-0.28	-3.15	31.76
2863	1	105.12	43.80	-7.09e-03	0.0	0.0	-411.90	-1.43	0.35	-11.15	15.41	105.12
		-9.54	15.41	-2.91e-03	0.0	80.0	-408.20	-1.43	0.35	-11.15	43.80	-9.54
2863	2	85.22	35.38	-5.72e-03	0.0	0.0	-333.43	-1.16	0.29	-9.04	12.52	85.22
		-7.96	12.52	-2.34e-03	0.0	80.0	-330.58	-1.16	0.29	-9.04	35.38	-7.96
2863	3	78.92	32.87	-5.33e-03	0.0	0.0	-309.53	-1.07	0.27	-8.30	11.57	78.92
		-7.04	11.57	-2.21e-03	0.0	80.0	-306.69	-1.07	0.27	-8.30	32.87	-7.04
2863	4	66.37	28.02	-4.55e-03	0.0	0.0	-261.65	-0.90	0.23	-6.96	9.67	66.37
		-5.25	9.67	-1.93e-03	0.0	80.0	-258.81	-0.90	0.23	-6.96	28.02	-5.25
2863	5	66.37	28.02	-4.55e-03	0.0	0.0	-261.65	-0.90	0.23	-6.96	9.67	66.37
		-5.25	9.67	-1.93e-03	0.0	80.0	-258.81	-0.90	0.23	-6.96	28.02	-5.25
2864	1	212.73	48.42	4.39e-03	0.0	0.0	-399.34	-6.05	-3.40	6.53	48.42	212.73
		-198.60	-182.57	-1.24e-03	0.0	68.0	-396.20	-6.05	-3.40	6.53	-182.57	-198.60
2864	2	172.03	39.13	3.55e-03	0.0	0.0	-323.89	-4.89	-2.75	5.29	39.13	172.03
		-160.62	-148.04	-1.00e-03	0.0	68.0	-321.47	-4.89	-2.75	5.29	-148.04	-160.62
2864	3	160.05	36.32	3.31e-03	0.0	0.0	-299.82	-4.55	-2.55	5.00	36.32	160.05
		-149.42	-136.93	-9.54e-04	0.0	68.0	-297.40	-4.55	-2.55	5.00	-136.93	-149.42
2864	4	135.93	30.84	2.82e-03	0.0	0.0	-251.58	-3.86	-2.14	4.22	30.84	135.93
		-126.87	-114.97	-8.24e-04	0.0	68.0	-249.16	-3.86	-2.14	4.22	-114.97	-126.87
2864	5	135.93	30.84	2.82e-03	0.0	0.0	-251.58	-3.86	-2.14	4.22	30.84	135.93
		-126.87	-114.97	-8.24e-04	0.0	68.0	-249.16	-3.86	-2.14	4.22	-114.97	-126.87
2865	1	-0.09	-5.20	-3.36e-03	0.0	0.0	-674.15	-0.70	2.64	1.05	-195.52	-0.09
		-50.54	-195.52	-0.03	0.0	72.0	-670.82	-0.70	2.64	1.05	-5.20	-50.54
2865	2	0.17	-4.17	-2.72e-03	0.0	0.0	-546.30	-0.57	2.14	0.86	-158.56	0.17
		-41.12	-158.56	-0.02	0.0	72.0	-543.74	-0.57	2.14	0.86	-4.17	-41.12
2865	3	-0.22	-3.92	-2.53e-03	0.0	0.0	-506.31	-0.52	1.98	0.79	-146.64	-0.22
		-37.86	-146.64	-0.02	0.0	72.0	-503.75	-0.52	1.98	0.79	-3.92	-37.86
2865	4	-0.84	-3.41	-2.16e-03	0.0	0.0	-426.37	-0.43	1.66	0.61	-123.11	-0.84
		-31.45	-123.11	-0.02	0.0	72.0	-423.81	-0.43	1.66	0.61	-3.41	-31.45
2865	5	-0.84	-3.41	-2.16e-03	0.0	0.0	-426.37	-0.43	1.66	0.61	-123.11	-0.84
		-31.45	-123.11	-0.02	0.0	72.0	-423.81	-0.43	1.66	0.61	-3.41	-31.45
2867	1	259.07	199.29	0.01	0.0	0.0	-1084.40	-6.98	-7.00	0.0	199.29	259.07
		-215.45	-276.51	4.61e-03	0.0	68.0	-1081.26	-6.98	-7.00	0.0	-276.51	-215.45
2867	2	209.17	161.45	8.78e-03	0.0	0.0	-877.07	-5.63	-5.67	0.0	161.45	209.17
		-173.99	-224.10	3.75e-03	0.0	68.0	-874.65	-5.63	-5.67	0.0	-224.10	-173.99
2867	3	194.92	149.83	8.18e-03	0.0	0.0	-815.14	-5.25	-5.26	0.0	149.83	194.92
		-162.13	-207.90	3.48e-03	0.0	68.0	-812.72	-5.25	-5.26	0.0	-207.90	-162.13
2867	4	166.37	126.38	6.98e-03	0.0	0.0	-691.17	-4.48	-4.43	0.0	126.38	166.37
		-138.28	-175.05	2.92e-03	0.0	68.0	-688.76	-4.48	-4.43	0.0	-175.05	-138.28
2867	5	166.37	126.38	6.98e-03	0.0	0.0	-691.17	-4.48	-4.43	0.0	126.38	166.37
		-138.28	-175.05	2.92e-03	0.0	68.0	-688.76	-4.48	-4.43	0.0	-175.05	-138.28
2868	1	229.89	191.15	-0.01	0.0	0.0	-1086.13	7.38	-6.79	0.0	191.15	-271.73
		-271.73	-270.83	4.11e-03	0.0	68.0	-1082.98	7.38	-6.79	0.0	-270.83	-271.73
2868	2	185.59	154.83	-9.89e-03	0.0	0.0	-878.49	5.96	-5.50	0.0	154.83	-219.35
		-219.35	-219.44	3.33e-03	0.0	68.0	-876.07	5.96	-5.50	0.0	-219.44	185.59
2868	3	172.84	142.78	-9.21e-03	0.0	0.0	-816.30	5.55	-5.08	0.0	142.78	-204.37
		-204.37	-202.44	3.00e-03	0.0	68.0	-813.88	5.55	-5.08	0.0	-202.44	172.84
2868	4	147.44	120.41	-7.86e-03	0.0	0.0	-691.91	4.73	-4.28	0.0	120.41	-174.45
		-174.45	-170.62	2.53e-03	0.0	68.0	-689.49	4.73	-4.28	0.0	-170.62	147.44
2868	5	147.44	120.41	-7.86e-03	0.0	0.0	-691.91	4.73	-4.28	0.0	120.41	-174.45
		-174.45	-170.62	2.53e-03	0.0	68.0	-689.49	4.73	-4.28	0.0	-170.62	147.44
2869	1	0.0	0.0	-5.80e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0

2869	2	0.0	0.0	-4.69e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2869	3	0.0	0.0	-4.36e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2869	4	0.0	0.0	-3.68e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2869	5	0.0	0.0	-3.68e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2870	1	0.0	0.0	5.85e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2870	2	0.0	0.0	4.73e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2870	3	0.0	0.0	4.39e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2870	4	0.0	0.0	3.72e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2870	5	0.0	0.0	3.72e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2871	1	327.32	15.92	-0.02	0.0	0.0	-1656.81	10.22	-0.31	0.0	15.92	-367.64
		-367.64	-5.15	-4.26e-03	0.0	68.0	-1653.66	10.22	-0.31	0.0	-5.15	327.32
2871	2	264.78	13.20	-0.01	0.0	0.0	-1341.63	8.27	-0.26	0.0	13.20	-297.34
		-297.34	-4.45	-3.43e-03	0.0	68.0	-1339.21	8.27	-0.26	0.0	-4.45	264.78
2871	3	246.16	10.97	-0.01	0.0	0.0	-1244.75	7.69	-0.20	0.0	10.97	-276.51
		-276.51	-2.74	-3.31e-03	0.0	68.0	-1242.33	7.69	-0.20	0.0	-2.74	246.16
2871	4	209.04	8.70	-0.01	0.0	0.0	-1050.80	6.53	-0.16	0.0	8.70	-234.89
		-234.89	-1.96	-2.82e-03	0.0	68.0	-1048.38	6.53	-0.16	0.0	-1.96	209.04
2871	5	209.04	8.70	-0.01	0.0	0.0	-1050.80	6.53	-0.16	0.0	8.70	-234.89
		-234.89	-1.96	-2.82e-03	0.0	68.0	-1048.38	6.53	-0.16	0.0	-1.96	209.04
2874	1	50.99	5.34	0.02	0.0	0.0	-1346.44	-1.18	0.06	0.0	0.43	50.99
		-53.22	0.43	-9.79e-03	0.0	88.0	-1342.37	-1.18	0.06	0.0	5.34	-53.22
2874	2	41.24	4.30	0.01	0.0	0.0	-1088.27	-0.96	0.05	0.0	0.31	41.24
		-42.98	0.31	-7.90e-03	0.0	88.0	-1085.14	-0.96	0.05	0.0	4.30	-42.98
2874	3	38.31	4.01	0.01	0.0	0.0	-1012.38	-0.89	0.04	0.0	0.28	38.31
		-40.02	0.28	-7.39e-03	0.0	88.0	-1009.25	-0.89	0.04	0.0	4.01	-40.02
2874	4	32.46	3.44	0.01	0.0	0.0	-860.60	-0.76	0.04	0.0	0.32	32.46
		-34.09	0.32	-6.33e-03	0.0	88.0	-857.47	-0.76	0.04	0.0	3.44	-34.09
2874	5	32.46	3.44	0.01	0.0	0.0	-860.60	-0.76	0.04	0.0	0.32	32.46
		-34.09	0.32	-6.33e-03	0.0	88.0	-857.47	-0.76	0.04	0.0	3.44	-34.09
2875	1	48.28	10.70	0.02	0.0	0.0	-2101.28	-1.04	-0.02	0.0	10.70	48.28
		-43.59	9.08	-0.01	0.0	88.0	-2097.21	-1.04	-0.02	0.0	9.08	-43.59
2875	2	39.06	8.63	0.01	0.0	0.0	-1699.31	-0.84	-0.01	0.0	8.63	39.06
		-35.21	7.32	-8.32e-03	0.0	88.0	-1696.18	-0.84	-0.01	0.0	7.32	-35.21
2875	3	36.26	8.00	0.01	0.0	0.0	-1579.46	-0.78	-0.01	0.0	8.00	36.26
		-32.78	6.81	-7.80e-03	0.0	88.0	-1576.33	-0.78	-0.01	0.0	6.81	-32.78
2875	4	30.69	6.83	9.93e-03	0.0	0.0	-1339.70	-0.67	-0.01	0.0	6.83	30.69
		-27.90	5.80	-6.72e-03	0.0	88.0	-1336.57	-0.67	-0.01	0.0	5.80	-27.90
2875	5	30.69	6.83	9.93e-03	0.0	0.0	-1339.70	-0.67	-0.01	0.0	6.83	30.69
		-27.90	5.80	-6.72e-03	0.0	88.0	-1336.57	-0.67	-0.01	0.0	5.80	-27.90
2880	1	6.55	34.21	-7.30e-03	0.0	0.0	-1475.95	0.05	-0.81	0.0	34.21	2.04
		2.04	-46.34	-0.01	0.0	100.0	-1471.33	0.05	-0.81	0.0	-46.34	6.55
2880	2	5.26	27.60	-5.87e-03	0.0	0.0	-1187.75	0.04	-0.65	0.0	27.60	1.64
		1.64	-37.34	-0.01	0.0	100.0	-1184.20	0.04	-0.65	0.0	-37.34	5.26
2880	3	4.94	25.75	-5.50e-03	0.0	0.0	-1112.03	0.03	-0.61	0.0	25.75	1.54
		1.54	-34.91	-0.01	0.0	100.0	-1108.47	0.03	-0.61	0.0	-34.91	4.94
2880	4	4.31	22.00	-4.76e-03	0.0	0.0	-960.66	0.03	-0.52	0.0	22.00	1.34
		1.34	-30.03	-9.44e-03	0.0	100.0	-957.11	0.03	-0.52	0.0	-30.03	4.31
2880	5	4.31	22.00	-4.76e-03	0.0	0.0	-960.66	0.03	-0.52	0.0	22.00	1.34
		1.34	-30.03	-9.44e-03	0.0	100.0	-957.11	0.03	-0.52	0.0	-30.03	4.31
2881	1	23.88	2.37	2.82e-03	0.0	0.0	-1321.09	1.70	-0.03	0.0	2.37	-146.49
		-146.49	-1.04	-0.02	0.0	100.0	-1316.47	1.70	-0.03	0.0	-1.04	23.88
2881	2	19.13	1.91	2.26e-03	0.0	0.0	-1063.20	1.37	-0.03	0.0	1.91	-117.46
		-117.46	-0.84	-0.01	0.0	100.0	-1059.64	1.37	-0.03	0.0	-0.84	19.13
2881	3	18.03	1.79	2.13e-03	0.0	0.0	-995.40	1.29	-0.03	0.0	1.79	-110.55
		-110.55	-0.78	-0.01	0.0	100.0	-991.84	1.29	-0.03	0.0	-0.78	18.03
2881	4	15.80	1.55	1.87e-03	0.0	0.0	-859.69	1.12	-0.02	0.0	1.55	-96.65
		-96.65	-0.65	-0.01	0.0	100.0	-856.13	1.12	-0.02	0.0	-0.65	15.80
2881	5	15.80	1.55	1.87e-03	0.0	0.0	-859.69	1.12	-0.02	0.0	1.55	-96.65
		-96.65	-0.65	-0.01	0.0	100.0	-856.13	1.12	-0.02	0.0	-0.65	15.80
2883	1	163.43	159.75	3.29e-03	0.0	0.0	-1587.69	-3.43	-5.44	0.0	159.75	163.43
		-69.98	-210.33	2.57e-03	0.0	68.0	-1584.55	-3.43	-5.44	0.0	-210.33	-69.98
2883	2	131.90	129.51	2.66e-03	0.0	0.0	-1285.84	-2.77	-4.41	0.0	129.51	131.90
		-56.43	-170.56	2.09e-03	0.0	68.0	-1283.42	-2.77	-4.41	0.0	-170.56	-56.43
2883	3	122.93	120.14	2.48e-03	0.0	0.0	-1192.38	-2.58	-4.09	0.0	120.14	122.93
		-52.66	-158.20	1.95e-03	0.0	68.0	-1189.96	-2.58	-4.09	0.0	-158.20	-52.66
2883	4	105.02	101.09	2.12e-03	0.0	0.0	-1005.92	-2.21	-3.44	0.0	101.09	105.02
		-45.10	-132.94	1.61e-03	0.0	68.0	-1003.50	-2.21	-3.44	0.0	-132.94	-45.10
2883	5	105.02	101.09	2.12e-03	0.0	0.0	-1005.92	-2.21	-3.44	0.0	101.09	105.02

2884	1	-45.10	-132.94	1.61e-03	0.0	68.0	-1003.50	-2.21	-3.44	0.0	-132.94	-45.10
		69.80	151.43	-3.50e-03	0.0	0.0	-1590.83	3.42	-5.23	0.0	151.43	-162.75
		-162.75	-204.48	2.13e-03	0.0	68.0	-1587.69	3.42	-5.23	0.0	-204.48	69.80
2884	2	56.33	122.75	-2.83e-03	0.0	0.0	-1288.48	2.76	-4.24	0.0	122.75	-131.40
		-131.40	-165.77	1.74e-03	0.0	68.0	-1286.06	2.76	-4.24	0.0	-165.77	56.33
2884	3	52.54	112.87	-2.64e-03	0.0	0.0	-1195.24	2.57	-3.90	0.0	112.87	-122.47
		-122.47	-152.56	1.52e-03	0.0	68.0	-1192.82	2.57	-3.90	0.0	-152.56	52.54
2884	4	44.96	94.87	-2.26e-03	0.0	0.0	-1008.99	2.20	-3.28	0.0	94.87	-104.60
		-104.60	-128.33	1.27e-03	0.0	68.0	-1006.57	2.20	-3.28	0.0	-128.33	44.96
2884	5	44.96	94.87	-2.26e-03	0.0	0.0	-1008.99	2.20	-3.28	0.0	94.87	-104.60
		-104.60	-128.33	1.27e-03	0.0	68.0	-1006.57	2.20	-3.28	0.0	-128.33	44.96
2885	1	141.59	30.19	-5.44e-03	0.0	0.0	-391.44	-2.52	0.21	-10.26	13.72	141.59
		-60.11	13.72	-2.83e-03	0.0	80.0	-387.74	-2.52	0.21	-10.26	30.19	-60.11
2885	2	114.82	24.36	-4.39e-03	0.0	0.0	-317.65	-2.05	0.17	-8.32	11.16	114.82
		-48.91	11.16	-2.26e-03	0.0	80.0	-314.80	-2.05	0.17	-8.32	24.36	-48.91
2885	3	106.24	22.65	-4.09e-03	0.0	0.0	-293.74	-1.89	0.15	-7.63	10.30	106.24
		-45.02	10.30	-2.15e-03	0.0	80.0	-290.90	-1.89	0.15	-7.63	22.65	-45.02
2885	4	89.04	19.38	-3.49e-03	0.0	0.0	-246.06	-1.58	0.14	-6.39	8.58	89.04
		-37.21	8.58	-1.89e-03	0.0	80.0	-243.22	-1.58	0.14	-6.39	19.38	-37.21
2885	5	89.04	19.38	-3.49e-03	0.0	0.0	-246.06	-1.58	0.14	-6.39	8.58	89.04
		-37.21	8.58	-1.89e-03	0.0	80.0	-243.22	-1.58	0.14	-6.39	19.38	-37.21
2886	1	120.10	36.49	7.27e-04	0.0	0.0	-741.90	-3.23	-2.66	4.84	36.49	120.10
		-99.50	-144.21	-1.89e-03	0.0	68.0	-738.76	-3.23	-2.66	4.84	-144.21	-99.50
2886	2	97.19	29.46	5.84e-04	0.0	0.0	-602.03	-2.61	-2.15	3.92	29.46	97.19
		-80.53	-116.94	-1.52e-03	0.0	68.0	-599.61	-2.61	-2.15	3.92	-116.94	-80.53
2886	3	90.22	27.35	5.47e-04	0.0	0.0	-556.76	-2.43	-1.99	3.73	27.35	90.22
		-74.74	-108.11	-1.44e-03	0.0	68.0	-554.34	-2.43	-1.99	3.73	-108.11	-74.74
2886	4	76.16	23.28	4.68e-04	0.0	0.0	-466.29	-2.05	-1.68	3.13	23.28	76.16
		-63.01	-90.75	-1.24e-03	0.0	68.0	-463.88	-2.05	-1.68	3.13	-90.75	-63.01
2886	5	76.16	23.28	4.68e-04	0.0	0.0	-466.29	-2.05	-1.68	3.13	23.28	76.16
		-63.01	-90.75	-1.24e-03	0.0	68.0	-463.88	-2.05	-1.68	3.13	-90.75	-63.01
2887	1	56.81	-1.30	-8.49e-04	0.0	0.0	-980.76	-1.93	2.14	2.11	-155.56	56.81
		-81.83	-155.56	-0.02	0.0	72.0	-977.43	-1.93	2.14	2.11	-1.30	-81.83
2887	2	46.20	-1.03	-6.85e-04	0.0	0.0	-795.71	-1.56	1.74	1.72	-126.16	46.20
		-66.46	-126.16	-0.02	0.0	72.0	-793.15	-1.56	1.74	1.72	-1.03	-66.46
2887	3	42.55	-0.99	-6.41e-04	0.0	0.0	-736.04	-1.44	1.61	1.59	-116.63	42.55
		-61.35	-116.63	-0.02	0.0	72.0	-733.48	-1.44	1.61	1.59	-0.99	-61.35
2887	4	35.32	-0.90	-5.48e-04	0.0	0.0	-616.82	-1.20	1.35	1.30	-97.86	35.32
		-51.17	-97.86	-0.01	0.0	72.0	-614.26	-1.20	1.35	1.30	-0.90	-51.17
2887	5	35.32	-0.90	-5.48e-04	0.0	0.0	-616.82	-1.20	1.35	1.30	-97.86	35.32
		-51.17	-97.86	-0.01	0.0	72.0	-614.26	-1.20	1.35	1.30	-0.90	-51.17
2888	1	0.0	0.0	-3.87e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2888	2	0.0	0.0	-3.14e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2888	3	0.0	0.0	-2.90e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2888	4	0.0	0.0	-2.44e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2888	5	0.0	0.0	-2.44e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2889	1	62.65	30.15	5.17e-03	0.0	0.0	-393.36	2.59	0.21	10.81	13.25	-144.80
		-144.80	13.25	-3.05e-03	0.0	80.0	-389.66	2.59	0.21	10.81	30.15	62.65
2889	2	50.96	24.40	4.17e-03	0.0	0.0	-319.12	2.10	0.17	8.78	10.73	-117.43
		-117.43	10.73	-2.45e-03	0.0	80.0	-316.28	2.10	0.17	8.78	24.40	50.96
2889	3	46.99	22.48	3.89e-03	0.0	0.0	-295.26	1.95	0.16	8.13	9.84	-108.73
		-108.73	9.84	-2.34e-03	0.0	80.0	-292.42	1.95	0.16	8.13	22.48	46.99
2889	4	39.12	19.19	3.31e-03	0.0	0.0	-247.56	1.63	0.14	6.76	8.24	-91.43
		-91.43	8.24	-2.04e-03	0.0	80.0	-244.72	1.63	0.14	6.76	19.19	39.12
2889	5	39.12	19.19	3.31e-03	0.0	0.0	-247.56	1.63	0.14	6.76	8.24	-91.43
		-91.43	8.24	-2.04e-03	0.0	80.0	-244.72	1.63	0.14	6.76	19.19	39.12
2890	1	100.14	35.12	-8.71e-04	0.0	0.0	-744.20	3.24	-2.61	-3.60	35.12	-120.49
		-120.49	-142.64	-2.15e-03	0.0	68.0	-741.06	3.24	-2.61	-3.60	-142.64	100.14
2890	2	81.15	28.45	-7.05e-04	0.0	0.0	-603.93	2.63	-2.12	-2.93	28.45	-97.60
		-97.60	-115.72	-1.73e-03	0.0	68.0	-601.51	2.63	-2.12	-2.93	-115.72	81.15
2890	3	75.24	26.19	-6.56e-04	0.0	0.0	-558.54	2.44	-1.95	-2.61	26.19	-90.54
		-90.54	-106.67	-1.67e-03	0.0	68.0	-556.12	2.44	-1.95	-2.61	-106.67	75.24
2890	4	63.55	22.23	-5.62e-04	0.0	0.0	-468.01	2.06	-1.64	-2.21	22.23	-76.56
		-76.56	-89.53	-1.43e-03	0.0	68.0	-465.59	2.06	-1.64	-2.21	-89.53	63.55
2890	5	63.55	22.23	-5.62e-04	0.0	0.0	-468.01	2.06	-1.64	-2.21	22.23	-76.56
		-76.56	-89.53	-1.43e-03	0.0	68.0	-465.59	2.06	-1.64	-2.21	-89.53	63.55
2891	1	83.29	-0.89	6.69e-04	0.0	0.0	-982.73	1.96	2.13	-1.61	-154.35	-58.09
		-58.09	-154.35	-0.02	0.0	72.0	-979.40	1.96	2.13	-1.61	-0.89	83.29
2891	2	67.63	-0.69	5.40e-04	0.0	0.0	-797.33	1.59	1.73	-1.32	-125.21	-47.21
		-47.21	-125.21	-0.02	0.0	72.0	-794.77	1.59	1.73	-1.32	-0.69	67.63
2891	3	62.53	-0.67	5.01e-04	0.0	0.0	-737.60	1.47	1.59	-1.19	-115.42	-43.61
		-43.61	-115.42	-0.02	0.0	72.0	-735.04	1.47	1.59	-1.19	-0.67	62.53

2891	4	52.34	-0.64	4.26e-04	0.0	0.0	-618.35	1.23	1.34	-0.97	-96.85	-36.38
		-36.38	-96.85	-0.01	0.0	72.0	-615.79	1.23	1.34	-0.97	-0.64	52.34
2891	5	52.34	-0.64	4.26e-04	0.0	0.0	-618.35	1.23	1.34	-0.97	-96.85	-36.38
		-36.38	-96.85	-0.01	0.0	72.0	-615.79	1.23	1.34	-0.97	-0.64	52.34
2892	1	0.0	0.0	3.77e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2892	2	0.0	0.0	3.05e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2892	3	0.0	0.0	2.83e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2892	4	0.0	0.0	2.38e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2892	5	0.0	0.0	2.38e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2898	1	24.36	407.20	2.85e-03	0.0	0.0	-1794.87	1.72	-5.18	0.0	407.20	-147.27
		-147.27	-110.87	-0.01	0.0	100.0	-1790.25	1.72	-5.18	0.0	-110.87	24.36
2898	2	19.52	327.72	2.28e-03	0.0	0.0	-1443.91	1.38	-4.17	0.0	327.72	-118.09
		-118.09	-89.26	-0.01	0.0	100.0	-1440.35	1.38	-4.17	0.0	-89.26	19.52
2898	3	18.39	306.77	2.15e-03	0.0	0.0	-1352.56	1.30	-3.90	0.0	306.77	-111.15
		-111.15	-83.51	-9.95e-03	0.0	100.0	-1349.01	1.30	-3.90	0.0	-83.51	18.39
2898	4	16.11	264.91	1.88e-03	0.0	0.0	-1169.96	1.13	-3.37	0.0	264.91	-97.17
		-97.17	-72.03	-8.58e-03	0.0	100.0	-1166.40	1.13	-3.37	0.0	-72.03	16.11
2898	5	16.11	264.91	1.88e-03	0.0	0.0	-1169.96	1.13	-3.37	0.0	264.91	-97.17
		-97.17	-72.03	-8.58e-03	0.0	100.0	-1166.40	1.13	-3.37	0.0	-72.03	16.11
2899	1	309.97	34.63	-6.94e-03	0.0	0.0	-1651.31	-3.81	-0.81	0.0	34.63	309.97
		-70.58	-46.55	-0.01	0.0	100.0	-1646.69	-3.81	-0.81	0.0	-46.55	-70.58
2899	2	249.25	27.93	-5.58e-03	0.0	0.0	-1328.38	-3.06	-0.65	0.0	27.93	249.25
		-56.77	-37.50	-0.01	0.0	100.0	-1324.83	-3.06	-0.65	0.0	-37.50	-56.77
2899	3	233.56	26.06	-5.23e-03	0.0	0.0	-1244.35	-2.87	-0.61	0.0	26.06	233.56
		-53.17	-35.06	-0.01	0.0	100.0	-1240.80	-2.87	-0.61	0.0	-35.06	-53.17
2899	4	202.44	22.27	-4.53e-03	0.0	0.0	-1076.33	-2.48	-0.52	0.0	22.27	202.44
		-46.03	-30.15	-9.43e-03	0.0	100.0	-1072.78	-2.48	-0.52	0.0	-30.15	-46.03
2899	5	202.44	22.27	-4.53e-03	0.0	0.0	-1076.33	-2.48	-0.52	0.0	22.27	202.44
		-46.03	-30.15	-9.43e-03	0.0	100.0	-1072.78	-2.48	-0.52	0.0	-30.15	-46.03
2901	1	41.15	78.45	8.06e-03	0.0	0.0	-1891.94	-0.70	0.93	0.0	-14.60	41.15
		-28.87	-14.60	-0.03	0.0	100.0	-1887.32	-0.70	0.93	0.0	78.45	-28.87
2901	2	33.13	63.06	6.48e-03	0.0	0.0	-1523.67	-0.56	0.75	0.0	-11.73	33.13
		-23.37	-11.73	-0.02	0.0	100.0	-1520.12	-0.56	0.75	0.0	63.06	-23.37
2901	3	30.99	59.17	6.08e-03	0.0	0.0	-1424.95	-0.53	0.70	0.0	-11.01	30.99
		-21.69	-11.01	-0.02	0.0	100.0	-1421.39	-0.53	0.70	0.0	59.17	-21.69
2901	4	26.75	51.37	5.28e-03	0.0	0.0	-1227.61	-0.45	0.61	0.0	-9.56	26.75
		-18.35	-9.56	-0.02	0.0	100.0	-1224.05	-0.45	0.61	0.0	51.37	-18.35
2901	5	26.75	51.37	5.28e-03	0.0	0.0	-1227.61	-0.45	0.61	0.0	-9.56	26.75
		-18.35	-9.56	-0.02	0.0	100.0	-1224.05	-0.45	0.61	0.0	51.37	-18.35
2906	1	40.05	283.78	8.07e-03	0.0	0.0	-1267.41	-0.64	4.34	0.0	-150.64	40.05
		-23.98	-150.64	-0.14	0.0	100.0	-1262.79	-0.64	4.34	0.0	283.78	-23.98
2906	2	32.24	228.58	6.49e-03	0.0	0.0	-1021.37	-0.52	3.50	0.0	-121.36	32.24
		-19.43	-121.36	-0.12	0.0	100.0	-1017.81	-0.52	3.50	0.0	228.58	-19.43
2906	3	30.17	213.73	6.09e-03	0.0	0.0	-954.25	-0.48	3.27	0.0	-113.45	30.17
		-18.01	-113.45	-0.11	0.0	100.0	-950.70	-0.48	3.27	0.0	213.73	-18.01
2906	4	26.04	184.04	5.29e-03	0.0	0.0	-820.13	-0.41	2.82	0.0	-97.62	26.04
		-15.19	-97.62	-0.09	0.0	100.0	-816.57	-0.41	2.82	0.0	184.04	-15.19
2906	5	26.04	184.04	5.29e-03	0.0	0.0	-820.13	-0.41	2.82	0.0	-97.62	26.04
		-15.19	-97.62	-0.09	0.0	100.0	-816.57	-0.41	2.82	0.0	184.04	-15.19
2907	1	34.86	4.58	-0.01	0.0	0.0	-1421.37	0.72	0.09	0.0	-4.88	-37.56
		-37.56	-4.88	-0.02	0.0	100.0	-1416.75	0.72	0.09	0.0	4.58	34.86
2907	2	28.18	3.66	-0.01	0.0	0.0	-1145.99	0.58	0.08	0.0	-3.94	-30.23
		-30.23	-3.94	-0.02	0.0	100.0	-1142.43	0.58	0.08	0.0	3.66	28.18
2907	3	26.22	3.44	-0.01	0.0	0.0	-1070.03	0.55	0.07	0.0	-3.68	-28.30
		-28.30	-3.68	-0.01	0.0	100.0	-1066.48	0.55	0.07	0.0	3.44	26.22
2907	4	22.29	3.03	-8.70e-03	0.0	0.0	-918.00	0.47	0.06	0.0	-3.14	-24.45
		-24.45	-3.14	-0.01	0.0	100.0	-914.44	0.47	0.06	0.0	3.03	22.29
2907	5	22.29	3.03	-8.70e-03	0.0	0.0	-918.00	0.47	0.06	0.0	-3.14	-24.45
		-24.45	-3.14	-0.01	0.0	100.0	-914.44	0.47	0.06	0.0	3.03	22.29
2909	1	43.38	22.56	-0.01	0.0	0.0	-1995.87	0.83	0.08	0.0	15.00	-39.70
		-39.70	15.00	-0.01	0.0	100.0	-1991.24	0.83	0.08	0.0	22.56	43.38
2909	2	35.04	18.08	-0.01	0.0	0.0	-1608.09	0.67	0.06	0.0	12.10	-31.95
		-31.95	12.10	-0.01	0.0	100.0	-1604.54	0.67	0.06	0.0	18.08	35.04
2909	3	32.63	17.03	-0.01	0.0	0.0	-1502.94	0.63	0.06	0.0	11.28	-29.91
		-29.91	11.28	-0.01	0.0	100.0	-1499.38	0.63	0.06	0.0	17.03	32.63
2909	4	27.81	14.96	-8.69e-03	0.0	0.0	-1292.74	0.54	0.05	0.0	9.63	-25.84
		-25.84	9.63	-9.40e-03	0.0	100.0	-1289.18	0.54	0.05	0.0	14.96	27.81
2909	5	27.81	14.96	-8.69e-03	0.0	0.0	-1292.74	0.54	0.05	0.0	9.63	-25.84
		-25.84	9.63	-9.40e-03	0.0	100.0	-1289.18	0.54	0.05	0.0	14.96	27.81
2911	1	189.30	98.04	3.99e-03	0.0	0.0	-1724.02	-4.03	-3.13	0.0	98.04	189.30
		-84.85	-114.65	-9.36e-04	0.0	68.0	-1720.87	-4.03	-3.13	0.0	-114.65	-84.85
2911	2	152.86	79.64	3.22e-03	0.0	0.0	-1396.83	-3.26	-2.54	0.0	79.64	152.86



		-68.48	-93.20	-7.36e-04	0.0	68.0	-1394.41	-3.26	-2.54	0.0	-93.20	-68.48
2911	3	142.49	73.79	2.99e-03	0.0	0.0	-1294.94	-3.03	-2.35	0.0	73.79	142.49
		-63.79	-86.29	-6.86e-04	0.0	68.0	-1292.52	-3.03	-2.35	0.0	-86.29	-63.79
2911	4	121.43	61.61	2.55e-03	0.0	0.0	-1090.27	-2.59	-1.96	0.0	61.61	121.43
		-54.45	-71.87	-6.36e-04	0.0	68.0	-1087.86	-2.59	-1.96	0.0	-71.87	-54.45
2911	5	121.43	61.61	2.55e-03	0.0	0.0	-1090.27	-2.59	-1.96	0.0	61.61	121.43
		-54.45	-71.87	-6.36e-04	0.0	68.0	-1087.86	-2.59	-1.96	0.0	-71.87	-54.45
2912	1	84.67	86.83	-4.14e-03	0.0	0.0	-1716.79	4.01	-2.84	0.0	86.83	-188.33
		-188.33	-106.45	-1.67e-03	0.0	68.0	-1713.64	4.01	-2.84	0.0	-106.45	84.67
2912	2	68.38	70.58	-3.35e-03	0.0	0.0	-1391.29	3.24	-2.31	0.0	70.58	-152.16
		-152.16	-86.52	-1.33e-03	0.0	68.0	-1388.87	3.24	-2.31	0.0	-86.52	68.38
2912	3	63.74	64.25	-3.12e-03	0.0	0.0	-1288.91	3.02	-2.10	0.0	64.25	-141.56
		-141.56	-78.82	-1.36e-03	0.0	68.0	-1286.49	3.02	-2.10	0.0	-78.82	63.74
2912	4	54.48	53.52	-2.68e-03	0.0	0.0	-1084.67	2.58	-1.75	0.0	53.52	-120.75
		-120.75	-65.76	-1.18e-03	0.0	68.0	-1082.25	2.58	-1.75	0.0	-65.76	54.48
2912	5	54.48	53.52	-2.68e-03	0.0	0.0	-1084.67	2.58	-1.75	0.0	53.52	-120.75
		-120.75	-65.76	-1.18e-03	0.0	68.0	-1082.25	2.58	-1.75	0.0	-65.76	54.48
2913	1	156.21	11.88	-6.10e-03	0.0	0.0	-419.72	-2.77	-0.08	-8.47	11.88	156.21
		-65.48	5.88	-2.79e-03	0.0	80.0	-416.02	-2.77	-0.08	-8.47	5.88	-65.48
2913	2	126.72	9.67	-4.93e-03	0.0	0.0	-340.76	-2.25	-0.06	-6.88	9.67	126.72
		-53.30	4.69	-2.23e-03	0.0	80.0	-337.91	-2.25	-0.06	-6.88	4.69	-53.30
2913	3	117.01	8.92	-4.60e-03	0.0	0.0	-314.67	-2.07	-0.06	-6.29	8.92	117.01
		-48.85	4.38	-2.12e-03	0.0	80.0	-311.83	-2.07	-0.06	-6.29	4.38	-48.85
2913	4	97.98	7.40	-3.92e-03	0.0	0.0	-263.13	-1.73	-0.04	-5.25	7.40	97.98
		-40.38	3.85	-1.86e-03	0.0	80.0	-260.29	-1.73	-0.04	-5.25	3.85	-40.38
2913	5	97.98	7.40	-3.92e-03	0.0	0.0	-263.13	-1.73	-0.04	-5.25	7.40	97.98
		-40.38	3.85	-1.86e-03	0.0	80.0	-260.29	-1.73	-0.04	-5.25	3.85	-40.38
2914	1	137.55	13.19	9.36e-04	0.0	0.0	-816.83	-3.71	-1.45	3.19	13.19	137.55
		-114.74	-85.70	-3.37e-03	0.0	68.0	-813.68	-3.71	-1.45	3.19	-85.70	-114.74
2914	2	111.27	10.61	7.51e-04	0.0	0.0	-663.07	-3.00	-1.18	2.59	10.61	111.27
		-92.83	-69.55	-2.72e-03	0.0	68.0	-660.65	-3.00	-1.18	2.59	-69.55	-92.83
2914	3	103.31	9.85	6.99e-04	0.0	0.0	-612.75	-2.79	-1.09	2.50	9.85	103.31
		-86.10	-64.15	-2.55e-03	0.0	68.0	-610.33	-2.79	-1.09	2.50	-64.15	-86.10
2914	4	86.97	8.40	5.88e-04	0.0	0.0	-512.42	-2.34	-0.91	2.08	8.40	86.97
		-72.40	-53.57	-2.19e-03	0.0	68.0	-510.00	-2.34	-0.91	2.08	-53.57	-72.40
2914	5	86.97	8.40	5.88e-04	0.0	0.0	-512.42	-2.34	-0.91	2.08	8.40	86.97
		-72.40	-53.57	-2.19e-03	0.0	68.0	-510.00	-2.34	-0.91	2.08	-53.57	-72.40
2915	1	64.91	4.77	-9.44e-04	0.0	0.0	-1089.42	-2.21	1.39	4.03	-95.64	64.91
		-94.49	-95.64	-0.02	0.0	72.0	-1086.09	-2.21	1.39	4.03	4.77	-94.49
2915	2	52.74	3.85	-7.65e-04	0.0	0.0	-884.02	-1.80	1.13	3.26	-77.64	52.74
		-76.69	-77.64	-0.01	0.0	72.0	-881.46	-1.80	1.13	3.26	3.85	-76.69
2915	3	48.75	3.58	-7.08e-04	0.0	0.0	-817.44	-1.66	1.04	3.03	-71.61	48.75
		-70.96	-71.61	-0.01	0.0	72.0	-814.88	-1.66	1.04	3.03	3.58	-70.96
2915	4	40.43	3.01	-6.11e-04	0.0	0.0	-683.98	-1.38	0.87	2.55	-59.80	40.43
		-59.11	-59.80	-9.76e-03	0.0	72.0	-681.42	-1.38	0.87	2.55	3.01	-59.11
2915	5	40.43	3.01	-6.11e-04	0.0	0.0	-683.98	-1.38	0.87	2.55	-59.80	40.43
		-59.11	-59.80	-9.76e-03	0.0	72.0	-681.42	-1.38	0.87	2.55	3.01	-59.11
2916	1	0.0	0.0	-4.46e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2916	2	0.0	0.0	-3.61e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2916	3	0.0	0.0	-3.35e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2916	4	0.0	0.0	-2.81e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-9.73e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2916	5	0.0	0.0	-2.81e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-9.73e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2917	1	63.15	11.37	5.91e-03	0.0	0.0	-417.83	2.71	-0.07	8.91	11.37	-153.41
		-153.41	5.40	-3.01e-03	0.0	80.0	-414.13	2.71	-0.07	8.91	5.40	63.15
2917	2	51.38	9.22	4.78e-03	0.0	0.0	-339.03	2.20	-0.06	7.24	9.22	-124.45
		-124.45	4.39	-2.42e-03	0.0	80.0	-336.19	2.20	-0.06	7.24	4.39	51.38
2917	3	47.53	8.43	4.42e-03	0.0	0.0	-313.65	2.04	-0.06	6.70	8.43	-115.35
		-115.35	3.87	-2.31e-03	0.0	80.0	-310.81	2.04	-0.06	6.70	3.87	47.53
2917	4	39.31	7.04	3.76e-03	0.0	0.0	-261.92	1.70	-0.05	5.54	7.04	-96.68
		-96.68	3.40	-2.01e-03	0.0	80.0	-259.07	1.70	-0.05	5.54	3.40	39.31
2917	5	39.31	7.04	3.76e-03	0.0	0.0	-261.92	1.70	-0.05	5.54	7.04	-96.68
		-96.68	3.40	-2.01e-03	0.0	80.0	-259.07	1.70	-0.05	5.54	3.40	39.31
2918	1	113.43	11.35	-1.08e-03	0.0	0.0	-814.89	3.67	-1.40	-1.74	11.35	-135.86
		-135.86	-83.66	-3.66e-03	0.0	68.0	-811.75	3.67	-1.40	-1.74	-83.66	113.43
2918	2	92.01	9.22	-8.76e-04	0.0	0.0	-661.58	2.97	-1.14	-1.42	9.22	-110.17
		-110.17	-67.97	-2.95e-03	0.0	68.0	-659.16	2.97	-1.14	-1.42	-67.97	92.01
2918	3	85.26	8.31	-8.18e-04	0.0	0.0	-611.50	2.75	-1.04	-1.20	8.31	-102.07
		-102.07	-62.35	-2.81e-03	0.0	68.0	-609.08	2.75	-1.04	-1.20	-62.35	85.26
2918	4	72.04	7.06	-7.09e-04	0.0	0.0	-511.31	2.33	-0.87	-1.02	7.06	-86.30
		-86.30	-52.10	-2.40e-03	0.0	68.0	-508.89	2.33	-0.87	-1.02	-52.10	72.04
2918	5	72.04	7.06	-7.09e-04	0.0	0.0	-511.31	2.33	-0.87	-1.02	7.06	-86.30
		-86.30	-52.10	-2.40e-03	0.0	68.0	-508.89	2.33	-0.87	-1.02	-52.10	72.04

2919	1	91.38	5.17	8.45e-04	0.0	0.0	-1085.99	2.13	1.38	-3.58	-93.87	-61.84
		-61.84	-93.87	-0.02	0.0	72.0	-1082.66	2.13	1.38	-3.58	5.17	91.38
2919	2	74.27	4.20	6.80e-04	0.0	0.0	-881.46	1.73	1.12	-2.91	-76.25	-50.32
		-50.32	-76.25	-0.01	0.0	72.0	-878.89	1.73	1.12	-2.91	4.20	74.27
2919	3	68.48	3.90	6.37e-04	0.0	0.0	-814.97	1.59	1.03	-2.67	-69.98	-46.27
		-46.27	-69.98	-0.01	0.0	72.0	-812.41	1.59	1.03	-2.67	3.90	68.48
2919	4	57.30	3.30	5.33e-04	0.0	0.0	-681.94	1.33	0.86	-2.24	-58.49	-38.55
		-38.55	-58.49	-9.83e-03	0.0	72.0	-679.38	1.33	0.86	-2.24	3.30	57.30
2919	5	57.30	3.30	5.33e-04	0.0	0.0	-681.94	1.33	0.86	-2.24	-58.49	-38.55
		-38.55	-58.49	-9.83e-03	0.0	72.0	-679.38	1.33	0.86	-2.24	3.30	57.30
2920	1	0.0	0.0	4.28e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2920	2	0.0	0.0	3.47e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2920	3	0.0	0.0	3.21e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2920	4	0.0	0.0	2.69e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-9.73e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2920	5	0.0	0.0	2.69e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-9.73e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2942	1	359.45	53.72	0.02	0.0	0.0	-1606.63	-9.99	-1.48	0.0	53.72	359.45
		-319.84	-46.82	-2.86e-03	0.0	68.0	-1603.49	-9.99	-1.48	0.0	-46.82	-319.84
2942	2	290.61	43.71	0.01	0.0	0.0	-1300.94	-8.08	-1.20	0.0	43.71	290.61
		-258.64	-38.22	-2.30e-03	0.0	68.0	-1298.52	-8.08	-1.20	0.0	-38.22	-258.64
2942	3	270.24	40.46	0.01	0.0	0.0	-1206.89	-7.51	-1.11	0.0	40.46	270.24
		-240.47	-35.32	-2.14e-03	0.0	68.0	-1204.47	-7.51	-1.11	0.0	-35.32	-240.47
2942	4	229.30	33.40	9.79e-03	0.0	0.0	-1018.92	-6.37	-0.92	0.0	33.40	229.30
		-203.87	-28.83	-1.87e-03	0.0	68.0	-1016.50	-6.37	-0.92	0.0	-28.83	-203.87
2942	5	229.30	33.40	9.79e-03	0.0	0.0	-1018.92	-6.37	-0.92	0.0	33.40	229.30
		-203.87	-28.83	-1.87e-03	0.0	68.0	-1016.50	-6.37	-0.92	0.0	-28.83	-203.87
2943	1	318.44	39.74	-0.02	0.0	0.0	-1607.73	9.94	-1.12	0.0	39.74	-357.75
		-357.75	-36.41	-3.71e-03	0.0	68.0	-1604.58	9.94	-1.12	0.0	-36.41	318.44
2943	2	257.48	32.53	-0.01	0.0	0.0	-1301.87	8.04	-0.92	0.0	32.53	-289.24
		-289.24	-29.86	-2.98e-03	0.0	68.0	-1299.45	8.04	-0.92	0.0	-29.86	257.48
2943	3	239.35	28.86	-0.01	0.0	0.0	-1207.85	7.48	-0.81	0.0	28.86	-268.97
		-268.97	-26.18	-2.90e-03	0.0	68.0	-1205.43	7.48	-0.81	0.0	-26.18	239.35
2943	4	203.35	23.65	-9.95e-03	0.0	0.0	-1019.92	6.35	-0.66	0.0	23.65	-228.60
		-228.60	-21.36	-2.48e-03	0.0	68.0	-1017.50	6.35	-0.66	0.0	-21.36	203.35
2943	5	203.35	23.65	-9.95e-03	0.0	0.0	-1019.92	6.35	-0.66	0.0	23.65	-228.60
		-228.60	-21.36	-2.48e-03	0.0	68.0	-1017.50	6.35	-0.66	0.0	-21.36	203.35
2944	1	150.30	11.02	-9.62e-03	0.0	0.0	-612.31	-2.09	-0.38	-6.54	11.02	150.30
		-16.54	-19.49	-2.76e-03	0.0	80.0	-608.61	-2.09	-0.38	-6.54	-19.49	-16.54
2944	2	121.91	8.97	-7.77e-03	0.0	0.0	-496.19	-1.69	-0.31	-5.31	8.97	121.91
		-13.68	-15.84	-2.21e-03	0.0	80.0	-493.34	-1.69	-0.31	-5.31	-15.84	-13.68
2944	3	112.92	8.26	-7.23e-03	0.0	0.0	-459.86	-1.57	-0.29	-4.84	8.26	112.92
		-12.38	-14.67	-2.10e-03	0.0	80.0	-457.02	-1.57	-0.29	-4.84	-14.67	-12.38
2944	4	94.86	6.85	-6.14e-03	0.0	0.0	-387.17	-1.31	-0.24	-4.03	6.85	94.86
		-9.82	-12.26	-1.85e-03	0.0	80.0	-384.32	-1.31	-0.24	-4.03	-12.26	-9.82
2944	5	94.86	6.85	-6.14e-03	0.0	0.0	-387.17	-1.31	-0.24	-4.03	6.85	94.86
		-9.82	-12.26	-1.85e-03	0.0	80.0	-384.32	-1.31	-0.24	-4.03	-12.26	-9.82
2945	1	314.73	-14.17	6.77e-03	0.0	0.0	-597.99	-8.99	-0.11	2.91	-14.17	314.73
		-296.57	-21.72	-4.98e-03	0.0	68.0	-594.84	-8.99	-0.11	2.91	-21.72	-296.57
2945	2	254.74	-11.54	5.47e-03	0.0	0.0	-485.39	-7.28	-0.09	2.36	-11.54	254.74
		-240.06	-17.71	-4.02e-03	0.0	68.0	-482.97	-7.28	-0.09	2.36	-17.71	-240.06
2945	3	236.60	-10.68	5.09e-03	0.0	0.0	-448.81	-6.76	-0.08	2.29	-10.68	236.60
		-222.95	-16.12	-3.76e-03	0.0	68.0	-446.39	-6.76	-0.08	2.29	-16.12	-222.95
2945	4	199.71	-8.96	4.30e-03	0.0	0.0	-375.74	-5.70	-0.06	1.89	-8.96	199.71
		-188.15	-13.10	-3.21e-03	0.0	68.0	-373.33	-5.70	-0.06	1.89	-13.10	-188.15
2945	5	199.71	-8.96	4.30e-03	0.0	0.0	-375.74	-5.70	-0.06	1.89	-8.96	199.71
		-188.15	-13.10	-3.21e-03	0.0	68.0	-373.33	-5.70	-0.06	1.89	-13.10	-188.15
2946	1	1.18	3.68	-4.57e-03	0.0	0.0	-976.74	-0.97	0.46	3.15	-29.67	1.18
		-68.94	-29.67	-9.18e-03	0.0	72.0	-973.41	-0.97	0.46	3.15	3.68	-68.94
2946	2	1.20	2.96	-3.70e-03	0.0	0.0	-792.23	-0.80	0.38	2.55	-24.18	1.20
		-56.06	-24.18	-7.44e-03	0.0	72.0	-789.67	-0.80	0.38	2.55	2.96	-56.06
2946	3	0.79	2.77	-3.44e-03	0.0	0.0	-733.27	-0.73	0.35	2.37	-22.08	0.79
		-51.72	-22.08	-6.89e-03	0.0	72.0	-730.71	-0.73	0.35	2.37	2.77	-51.72
2946	4	0.03	2.35	-2.92e-03	0.0	0.0	-615.42	-0.60	0.28	2.01	-18.06	0.03
		-42.98	-18.06	-5.78e-03	0.0	72.0	-612.86	-0.60	0.28	2.01	2.35	-42.98
2946	5	0.03	2.35	-2.92e-03	0.0	0.0	-615.42	-0.60	0.28	2.01	-18.06	0.03
		-42.98	-18.06	-5.78e-03	0.0	72.0	-612.86	-0.60	0.28	2.01	2.35	-42.98
2947	1	0.0	0.0	-7.85e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-8.31e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2947	2	0.0	0.0	-6.36e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-6.74e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2947	3	0.0	0.0	-5.90e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-6.23e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2947	4	0.0	0.0	-4.97e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0



		0.0	0.0	-5.21e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2947	5	0.0	0.0	-4.97e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-5.21e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2948	1	14.65	10.35	9.39e-03	0.0	0.0	-611.00	2.03	-0.38	6.88	10.35	-147.94
		-147.94	-20.14	-2.99e-03	0.0	80.0	-607.30	2.03	-0.38	6.88	-20.14	14.65
2948	2	12.08	8.40	7.60e-03	0.0	0.0	-495.06	1.65	-0.31	5.60	8.40	-119.92
		-119.92	-16.29	-2.40e-03	0.0	80.0	-492.21	1.65	-0.31	5.60	-16.29	12.08
2948	3	10.82	7.67	7.06e-03	0.0	0.0	-458.75	1.52	-0.29	5.17	7.67	-110.97
		-110.97	-15.34	-2.29e-03	0.0	80.0	-455.90	1.52	-0.29	5.17	-15.34	10.82
2948	4	8.28	6.41	6.00e-03	0.0	0.0	-386.13	1.27	-0.24	4.26	6.41	-93.14
		-93.14	-12.83	-2.00e-03	0.0	80.0	-383.28	1.27	-0.24	4.26	-12.83	8.28
2948	5	8.28	6.41	6.00e-03	0.0	0.0	-386.13	1.27	-0.24	4.26	6.41	-93.14
		-93.14	-12.83	-2.00e-03	0.0	80.0	-383.28	1.27	-0.24	4.26	-12.83	8.28
2949	1	293.96	-16.36	-6.94e-03	0.0	0.0	-597.50	8.92	-0.04	-1.31	-16.36	-312.42
		-312.42	-19.16	-5.30e-03	0.0	68.0	-594.35	8.92	-0.04	-1.31	-19.16	293.96
2949	2	237.89	-13.22	-5.61e-03	0.0	0.0	-484.85	7.22	-0.04	-1.08	-13.22	-252.83
		-252.83	-15.70	-4.28e-03	0.0	68.0	-482.43	7.22	-0.04	-1.08	-15.70	237.89
2949	3	220.78	-12.53	-5.21e-03	0.0	0.0	-448.29	6.70	-0.02	-0.88	-12.53	-234.66
		-234.66	-13.88	-4.04e-03	0.0	68.0	-445.87	6.70	-0.02	-0.88	-13.88	220.78
2949	4	187.14	-10.53	-4.44e-03	0.0	0.0	-375.16	5.68	-0.01	-0.75	-10.53	-198.93
		-198.93	-11.29	-3.44e-03	0.0	68.0	-372.75	5.68	-0.01	-0.75	-11.29	187.14
2949	5	187.14	-10.53	-4.44e-03	0.0	0.0	-375.16	5.68	-0.01	-0.75	-10.53	-198.93
		-198.93	-11.29	-3.44e-03	0.0	68.0	-372.75	5.68	-0.01	-0.75	-11.29	187.14
2950	1	68.20	3.98	4.27e-03	0.0	0.0	-977.92	0.96	0.43	-2.84	-27.22	-0.99
		-0.99	-27.22	-9.24e-03	0.0	72.0	-974.59	0.96	0.43	-2.84	3.98	68.20
2950	2	55.43	3.21	3.45e-03	0.0	0.0	-793.07	0.78	0.35	-2.30	-22.25	-1.02
		-1.02	-22.25	-7.49e-03	0.0	72.0	-790.51	0.78	0.35	-2.30	3.21	55.43
2950	3	51.11	3.00	3.21e-03	0.0	0.0	-734.00	0.72	0.32	-2.12	-19.90	-0.63
		-0.63	-19.90	-6.93e-03	0.0	72.0	-731.44	0.72	0.32	-2.12	3.00	51.11
2950	4	42.54	2.57	2.71e-03	0.0	0.0	-615.99	0.59	0.26	-1.79	-16.33	0.20
		0.20	-16.33	-5.82e-03	0.0	72.0	-613.43	0.59	0.26	-1.79	2.57	42.54
2950	5	42.54	2.57	2.71e-03	0.0	0.0	-615.99	0.59	0.26	-1.79	-16.33	0.20
		0.20	-16.33	-5.82e-03	0.0	72.0	-613.43	0.59	0.26	-1.79	2.57	42.54
2951	1	0.0	0.0	7.56e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-8.27e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2951	2	0.0	0.0	6.13e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-6.71e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2951	3	0.0	0.0	5.68e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-6.19e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2951	4	0.0	0.0	4.78e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-5.18e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2951	5	0.0	0.0	4.78e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-5.18e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
2952	1	442.38	18.84	-0.03	0.0	0.0	-2448.19	11.06	0.47	0.0	0.0	0.0
		0.0	0.0	-4.84e-03	0.0	40.0	-2446.34	11.06	0.47	0.0	18.84	442.38
2952	2	355.77	15.22	-0.02	0.0	0.0	-1971.53	8.89	0.38	0.0	0.0	0.0
		0.0	0.0	-3.90e-03	0.0	40.0	-1970.10	8.89	0.38	0.0	15.22	355.77
2952	3	333.41	14.20	-0.02	0.0	0.0	-1844.18	8.34	0.36	0.0	0.0	0.0
		0.0	0.0	-3.64e-03	0.0	40.0	-1842.75	8.34	0.36	0.0	14.20	333.41
2952	4	288.51	12.06	-0.02	0.0	0.0	-1589.26	7.21	0.30	0.0	0.0	0.0
		0.0	0.0	-3.13e-03	0.0	40.0	-1587.83	7.21	0.30	0.0	12.06	288.51
2952	5	288.51	12.06	-0.02	0.0	0.0	-1589.26	7.21	0.30	0.0	0.0	0.0
		0.0	0.0	-3.13e-03	0.0	40.0	-1587.83	7.21	0.30	0.0	12.06	288.51
2953	1	0.0	1.48	0.03	0.0	0.0	-2038.42	-9.09	0.04	0.0	0.0	0.0
		-363.73	0.0	-7.04e-03	0.0	40.0	-2036.57	-9.09	0.04	0.0	1.48	-363.73
2953	2	0.0	1.19	0.02	0.0	0.0	-1642.28	-7.32	0.03	0.0	0.0	0.0
		-292.78	0.0	-5.67e-03	0.0	40.0	-1640.86	-7.32	0.03	0.0	1.19	-292.78
2953	3	0.0	1.12	0.02	0.0	0.0	-1534.99	-6.85	0.03	0.0	0.0	0.0
		-274.01	0.0	-5.30e-03	0.0	40.0	-1533.57	-6.85	0.03	0.0	1.12	-274.01
2953	4	0.0	0.97	0.02	0.0	0.0	-1320.51	-5.92	0.02	0.0	0.0	0.0
		-236.72	0.0	-4.57e-03	0.0	40.0	-1319.09	-5.92	0.02	0.0	0.97	-236.72
2953	5	0.0	0.97	0.02	0.0	0.0	-1320.51	-5.92	0.02	0.0	0.0	0.0
		-236.72	0.0	-4.57e-03	0.0	40.0	-1319.09	-5.92	0.02	0.0	0.97	-236.72
2954	1	0.0	398.34	0.03	0.0	0.0	-2663.04	-9.14	9.96	0.0	0.0	0.0
		-365.48	0.0	-0.03	0.0	40.0	-2661.19	-9.14	9.96	0.0	398.34	-365.48
2954	2	0.0	320.56	0.02	0.0	0.0	-2145.12	-7.35	8.01	0.0	0.0	0.0
		-294.19	0.0	-0.03	0.0	40.0	-2143.70	-7.35	8.01	0.0	320.56	-294.19
2954	3	0.0	300.11	0.02	0.0	0.0	-2005.52	-6.88	7.50	0.0	0.0	0.0
		-275.33	0.0	-0.02	0.0	40.0	-2004.10	-6.88	7.50	0.0	300.11	-275.33
2954	4	0.0	259.29	0.02	0.0	0.0	-1726.44	-5.95	6.48	0.0	0.0	0.0
		-237.86	0.0	-0.02	0.0	40.0	-1725.02	-5.95	6.48	0.0	259.29	-237.86
2954	5	0.0	259.29	0.02	0.0	0.0	-1726.44	-5.95	6.48	0.0	0.0	0.0
		-237.86	0.0	-0.02	0.0	40.0	-1725.02	-5.95	6.48	0.0	259.29	-237.86
2955	1	445.83	26.07	-0.03	0.0	0.0	-2430.69	11.15	0.65	0.0	0.0	0.0
		0.0	0.0	-2.40e-03	0.0	40.0	-2428.84	11.15	0.65	0.0	26.07	445.83
2955	2	359.01	21.04	-0.02	0.0	0.0	-1957.35	8.98	0.53	0.0	0.0	0.0
		0.0	0.0	-1.94e-03	0.0	40.0	-1955.92	8.98	0.53	0.0	21.04	359.01

2955	3	335.78	19.64	-0.02	0.0	0.0	-1830.81	8.39	0.49	0.0	0.0	0.0
		0.0	0.0	-1.81e-03	0.0	40.0	-1829.38	8.39	0.49	0.0	19.64	335.78
2955	4	289.37	16.77	-0.02	0.0	0.0	-1577.85	7.23	0.42	0.0	0.0	0.0
		0.0	0.0	-1.54e-03	0.0	40.0	-1576.43	7.23	0.42	0.0	16.77	289.37
2955	5	289.37	16.77	-0.02	0.0	0.0	-1577.85	7.23	0.42	0.0	0.0	0.0
		0.0	0.0	-1.54e-03	0.0	40.0	-1576.43	7.23	0.42	0.0	16.77	289.37
2957	1	443.70	0.0	-0.03	0.0	0.0	-1611.69	11.09	-4.53	0.0	0.0	0.0
		0.0	-181.23	0.08	0.0	40.0	-1609.84	11.09	-4.53	0.0	-181.23	443.70
2957	2	357.29	0.0	-0.02	0.0	0.0	-1298.14	8.93	-3.65	0.0	0.0	0.0
		0.0	-145.91	0.06	0.0	40.0	-1296.71	8.93	-3.65	0.0	-145.91	357.29
2957	3	334.17	0.0	-0.02	0.0	0.0	-1213.81	8.35	-3.41	0.0	0.0	0.0
		0.0	-136.52	0.06	0.0	40.0	-1212.39	8.35	-3.41	0.0	-136.52	334.17
2957	4	287.99	0.0	-0.02	0.0	0.0	-1045.19	7.20	-2.94	0.0	0.0	0.0
		0.0	-117.73	0.05	0.0	40.0	-1043.77	7.20	-2.94	0.0	-117.73	287.99
2957	5	287.99	0.0	-0.02	0.0	0.0	-1045.19	7.20	-2.94	0.0	0.0	0.0
		0.0	-117.73	0.05	0.0	40.0	-1043.77	7.20	-2.94	0.0	-117.73	287.99
2960	1	0.0	0.0	0.05	0.0	0.0	-2343.47	-16.11	-4.59	0.0	0.0	0.0
		-644.45	-183.42	0.04	0.0	40.0	-2341.62	-16.11	-4.59	0.0	-183.42	-644.45
2960	2	0.0	0.0	0.04	0.0	0.0	-1885.76	-12.97	-3.69	0.0	0.0	0.0
		-518.65	-147.65	0.04	0.0	40.0	-1884.34	-12.97	-3.69	0.0	-147.65	-518.65
2960	3	0.0	0.0	0.03	0.0	0.0	-1765.77	-12.14	-3.45	0.0	0.0	0.0
		-485.56	-138.19	0.03	0.0	40.0	-1764.34	-12.14	-3.45	0.0	-138.19	-485.56
2960	4	0.0	0.0	0.03	0.0	0.0	-1525.73	-10.48	-2.98	0.0	0.0	0.0
		-419.25	-119.26	0.03	0.0	40.0	-1524.31	-10.48	-2.98	0.0	-119.26	-419.25
2960	5	0.0	0.0	0.03	0.0	0.0	-1525.73	-10.48	-2.98	0.0	0.0	0.0
		-419.25	-119.26	0.03	0.0	40.0	-1524.31	-10.48	-2.98	0.0	-119.26	-419.25
2972	1	51.18	285.44	0.01	0.0	0.0	-1442.42	-0.89	4.36	0.0	-150.48	51.18
		-37.65	-150.48	-0.14	0.0	100.0	-1437.80	-0.89	4.36	0.0	285.44	-37.65
2972	2	41.20	229.91	0.01	0.0	0.0	-1162.94	-0.72	3.51	0.0	-121.23	41.20
		-30.42	-121.23	-0.12	0.0	100.0	-1159.38	-0.72	3.51	0.0	229.91	-30.42
2972	3	38.56	214.98	9.71e-03	0.0	0.0	-1085.79	-0.67	3.28	0.0	-113.33	38.56
		-28.31	-113.33	-0.11	0.0	100.0	-1082.24	-0.67	3.28	0.0	214.98	-28.31
2972	4	33.29	185.11	8.41e-03	0.0	0.0	-931.62	-0.57	2.83	0.0	-97.51	33.29
		-24.10	-97.51	-0.09	0.0	100.0	-928.06	-0.57	2.83	0.0	185.11	-24.10
2972	5	33.29	185.11	8.41e-03	0.0	0.0	-931.62	-0.57	2.83	0.0	-97.51	33.29
		-24.10	-97.51	-0.09	0.0	100.0	-928.06	-0.57	2.83	0.0	185.11	-24.10
2973	1	-5.00	4.91	-4.01e-03	0.0	0.0	-1463.10	-0.09	0.10	0.0	-4.99	-5.00
		-14.14	-4.99	-0.02	0.0	100.0	-1458.48	-0.09	0.10	0.0	4.91	-14.14
2973	2	-3.99	3.92	-3.22e-03	0.0	0.0	-1180.16	-0.07	0.08	0.0	-4.03	-3.99
		-11.37	-4.03	-0.02	0.0	100.0	-1176.60	-0.07	0.08	0.0	3.92	-11.37
2973	3	-3.78	3.68	-3.02e-03	0.0	0.0	-1101.18	-0.07	0.07	0.0	-3.76	-3.78
		-10.66	-3.76	-0.01	0.0	100.0	-1097.62	-0.07	0.07	0.0	3.68	-10.66
2973	4	-3.34	3.23	-2.62e-03	0.0	0.0	-943.16	-0.06	0.06	0.0	-3.21	-3.34
		-9.24	-3.21	-0.01	0.0	100.0	-939.60	-0.06	0.06	0.0	3.23	-9.24
2973	5	-3.34	3.23	-2.62e-03	0.0	0.0	-943.16	-0.06	0.06	0.0	-3.21	-3.34
		-9.24	-3.21	-0.01	0.0	100.0	-939.60	-0.06	0.06	0.0	3.23	-9.24
2977	1	369.32	32.24	0.02	0.0	0.0	-1648.52	-10.26	-0.73	0.0	32.24	369.32
		-328.28	-17.65	-3.32e-03	0.0	68.0	-1645.37	-10.26	-0.73	0.0	-17.65	-328.28
2977	2	298.61	26.18	0.01	0.0	0.0	-1334.82	-8.30	-0.60	0.0	26.18	298.61
		-265.47	-14.41	-2.68e-03	0.0	68.0	-1332.40	-8.30	-0.60	0.0	-14.41	-265.47
2977	3	277.61	24.30	0.01	0.0	0.0	-1238.29	-7.71	-0.55	0.0	24.30	277.61
		-246.76	-13.42	-2.48e-03	0.0	68.0	-1235.87	-7.71	-0.55	0.0	-13.42	-246.76
2977	4	235.50	19.95	0.01	0.0	0.0	-1045.31	-6.54	-0.45	0.0	19.95	235.50
		-209.16	-10.76	-2.15e-03	0.0	68.0	-1042.90	-6.54	-0.45	0.0	-10.76	-209.16
2977	5	235.50	19.95	0.01	0.0	0.0	-1045.31	-6.54	-0.45	0.0	19.95	235.50
		-209.16	-10.76	-2.15e-03	0.0	68.0	-1042.90	-6.54	-0.45	0.0	-10.76	-209.16
2978	1	155.02	10.62	-9.85e-03	0.0	0.0	-628.64	-2.16	-0.61	-4.60	10.62	155.02
		-17.73	-38.32	-2.73e-03	0.0	80.0	-624.94	-2.16	-0.61	-4.60	-38.32	-17.73
2978	2	125.73	8.64	-7.96e-03	0.0	0.0	-509.32	-1.75	-0.50	-3.74	8.64	125.73
		-14.65	-31.12	-2.19e-03	0.0	80.0	-506.48	-1.75	-0.50	-3.74	-31.12	-14.65
2978	3	116.46	7.95	-7.40e-03	0.0	0.0	-472.05	-1.62	-0.46	-3.38	7.95	116.46
		-13.30	-28.78	-2.08e-03	0.0	80.0	-469.21	-1.62	-0.46	-3.38	-28.78	-13.30
2978	4	97.88	6.60	-6.28e-03	0.0	0.0	-397.45	-1.36	-0.38	-2.79	6.60	97.88
		-10.62	-24.11	-1.83e-03	0.0	80.0	-394.60	-1.36	-0.38	-2.79	-24.11	-10.62
2978	5	97.88	6.60	-6.28e-03	0.0	0.0	-397.45	-1.36	-0.38	-2.79	6.60	97.88
		-10.62	-24.11	-1.83e-03	0.0	80.0	-394.60	-1.36	-0.38	-2.79	-24.11	-10.62
2979	1	323.21	32.27	6.95e-03	0.0	0.0	-614.42	-9.23	1.02	3.73	-37.37	323.21
		-304.54	-37.37	-6.12e-03	0.0	68.0	-611.28	-9.23	1.02	3.73	32.27	-304.54
2979	2	261.55	26.09	5.62e-03	0.0	0.0	-498.61	-7.47	0.83	3.02	-30.34	261.55
		-246.45	-30.34	-4.95e-03	0.0	68.0	-496.19	-7.47	0.83	3.02	26.09	-246.45
2979	3	242.80	24.37	5.22e-03	0.0	0.0	-461.12	-6.94	0.77	2.90	-28.08	242.80
		-228.78	-28.08	-4.62e-03	0.0	68.0	-458.70	-6.94	0.77	2.90	24.37	-228.78
2979	4	205.01	20.84	4.41e-03	0.0	0.0	-386.10	-5.85	0.65	2.42	-23.60	205.01
		-193.13	-23.60	-3.94e-03	0.0	68.0	-383.68	-5.85	0.65	2.42	20.84	-193.13
2979	5	205.01	20.84	4.41e-03	0.0	0.0	-386.10	-5.85	0.65	2.42	-23.60	205.01
		-193.13	-23.60	-3.94e-03	0.0	68.0	-383.68	-5.85	0.65	2.42	20.84	-193.13
2980	1	1.89	27.02	-4.67e-03	0.0	0.0	-1004.80	-1.02	-0.43	-0.18	27.02	1.89

2980	2	-71.53	-3.78	-3.79e-03	0.0	72.0	-1001.47	-1.02	-0.43	-0.18	-3.78	-71.53
		1.81	21.80	-3.78e-03	0.0	0.0	-814.89	-0.83	-0.35	-0.14	21.80	1.81
2980	3	-58.18	-3.06	-3.07e-03	0.0	72.0	-812.33	-0.83	-0.35	-0.14	-3.06	-58.18
		1.37	20.44	-3.51e-03	0.0	0.0	-754.35	-0.76	-0.32	-0.13	20.44	1.37
2980	4	-53.68	-2.82	-2.85e-03	0.0	72.0	-751.79	-0.76	-0.32	-0.13	-2.82	-53.68
		0.59	17.59	-2.98e-03	0.0	0.0	-633.18	-0.63	-0.28	-0.12	17.59	0.59
2980	5	-44.72	-2.40	-2.40e-03	0.0	72.0	-630.62	-0.63	-0.28	-0.12	-2.40	-44.72
		0.59	17.59	-2.98e-03	0.0	0.0	-633.18	-0.63	-0.28	-0.12	17.59	0.59
2981	1	-44.72	-2.40	-2.40e-03	0.0	72.0	-630.62	-0.63	-0.28	-0.12	-2.40	-44.72
		0.0	0.0	-8.07e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
2981	2	0.0	0.0	-2.58e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-6.54e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
2981	3	0.0	0.0	-2.09e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-6.06e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
2981	4	0.0	0.0	-1.94e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-5.11e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
2981	5	0.0	0.0	-1.62e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-5.11e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
2982	1	0.0	0.0	-1.62e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
		14.89	9.87	9.69e-03	0.0	0.0	-629.13	2.09	-0.61	4.87	9.87	-151.98
2982	2	-151.98	-39.13	-2.96e-03	0.0	80.0	-625.43	2.09	-0.61	4.87	-39.13	14.89
		12.24	8.01	7.84e-03	0.0	0.0	-509.70	1.69	-0.50	3.97	8.01	-123.19
2982	3	-123.19	-31.70	-2.38e-03	0.0	80.0	-506.86	1.69	-0.50	3.97	-31.70	12.24
		10.96	7.31	7.28e-03	0.0	0.0	-472.32	1.56	-0.46	3.66	7.31	-114.01
2982	4	-114.01	-29.62	-2.27e-03	0.0	80.0	-469.48	1.56	-0.46	3.66	-29.62	10.96
		8.40	6.10	6.18e-03	0.0	0.0	-397.66	1.30	-0.39	2.98	6.10	-95.69
2982	5	-95.69	-24.79	-1.98e-03	0.0	80.0	-394.82	1.30	-0.39	2.98	-24.79	8.40
		8.40	6.10	6.18e-03	0.0	0.0	-397.66	1.30	-0.39	2.98	6.10	-95.69
2990	1	-95.69	-24.79	-1.98e-03	0.0	80.0	-394.82	1.30	-0.39	2.98	-24.79	8.40
		-0.25	22.35	-2.92e-03	0.0	0.0	-1025.43	-0.01	-0.29	0.0	22.35	-0.25
2990	2	-1.48	-6.41	-0.02	0.0	100.0	-1020.80	-0.01	-0.29	0.0	-6.41	-1.48
		-0.20	17.99	-2.37e-03	0.0	0.0	-825.11	-9.81e-03	-0.23	0.0	17.99	-0.20
2990	3	-1.18	-5.17	-0.01	0.0	100.0	-821.55	-9.81e-03	-0.23	0.0	-5.17	-1.18
		-0.19	16.84	-2.20e-03	0.0	0.0	-772.63	-9.34e-03	-0.22	0.0	16.84	-0.19
2990	4	-1.12	-4.83	-0.01	0.0	100.0	-769.07	-9.34e-03	-0.22	0.0	-4.83	-1.12
		-0.18	14.55	-1.87e-03	0.0	0.0	-667.74	-8.40e-03	-0.19	0.0	14.55	-0.18
2990	5	-1.02	-4.14	-0.01	0.0	100.0	-664.18	-8.40e-03	-0.19	0.0	-4.14	-1.02
		-0.18	14.55	-1.87e-03	0.0	0.0	-667.74	-8.40e-03	-0.19	0.0	14.55	-0.18
2991	1	-1.02	-4.14	-0.01	0.0	100.0	-664.18	-8.40e-03	-0.19	0.0	-4.14	-1.02
		-0.44	383.51	-2.92e-03	0.0	0.0	-1480.62	-4.94e-03	-4.87	0.0	383.51	-0.44
2991	2	-0.94	-103.39	-0.01	0.0	100.0	-1475.99	-4.94e-03	-4.87	0.0	-103.39	-0.94
		-0.35	308.66	-2.37e-03	0.0	0.0	-1191.49	-3.85e-03	-3.92	0.0	308.66	-0.35
2991	3	-0.74	-83.25	-0.01	0.0	100.0	-1187.93	-3.85e-03	-3.92	0.0	-83.25	-0.74
		-0.33	288.92	-2.20e-03	0.0	0.0	-1115.54	-3.78e-03	-3.67	0.0	288.92	-0.33
2991	4	-0.71	-77.88	-9.71e-03	0.0	100.0	-1111.98	-3.78e-03	-3.67	0.0	-77.88	-0.71
		-0.30	249.50	-1.87e-03	0.0	0.0	-963.76	-3.64e-03	-3.17	0.0	249.50	-0.30
2991	5	-0.67	-67.17	-8.38e-03	0.0	100.0	-960.20	-3.64e-03	-3.17	0.0	-67.17	-0.67
		-0.30	249.50	-1.87e-03	0.0	0.0	-963.76	-3.64e-03	-3.17	0.0	249.50	-0.30
2993	1	-0.67	-67.17	-8.38e-03	0.0	100.0	-960.20	-3.64e-03	-3.17	0.0	-67.17	-0.67
		4.80	-156.62	7.88e-04	0.0	0.0	-1510.56	0.04	-5.39	0.0	-156.62	1.13
2993	2	1.13	-695.82	0.12	0.0	100.0	-1505.94	0.04	-5.39	0.0	-695.82	4.80
		3.85	-126.11	6.43e-04	0.0	0.0	-1217.64	0.03	-4.34	0.0	-126.11	0.90
2993	3	0.90	-560.20	0.10	0.0	100.0	-1214.08	0.03	-4.34	0.0	-560.20	3.85
		3.62	-117.98	5.90e-04	0.0	0.0	-1137.28	0.03	-4.06	0.0	-117.98	0.85
2993	4	0.85	-524.18	0.09	0.0	100.0	-1133.72	0.03	-4.06	0.0	-524.18	3.62
		3.17	-101.73	4.81e-04	0.0	0.0	-976.45	0.02	-3.50	0.0	-101.73	0.75
2993	5	0.75	-452.06	0.08	0.0	100.0	-972.89	0.02	-3.50	0.0	-452.06	3.17
		3.17	-101.73	4.81e-04	0.0	0.0	-976.45	0.02	-3.50	0.0	-101.73	0.75
2995	1	0.75	-452.06	0.08	0.0	100.0	-972.89	0.02	-3.50	0.0	-452.06	3.17
		205.51	17.29	4.31e-03	0.0	0.0	-1912.08	-4.37	-0.27	0.0	17.29	205.51
2995	2	-91.95	-0.75	-3.21e-03	0.0	68.0	-1908.94	-4.37	-0.27	0.0	-0.75	-91.95
		165.91	13.99	3.47e-03	0.0	0.0	-1548.95	-3.53	-0.22	0.0	13.99	165.91
2995	3	-74.15	-0.65	-2.59e-03	0.0	68.0	-1546.53	-3.53	-0.22	0.0	-0.65	-74.15
		154.39	13.00	3.22e-03	0.0	0.0	-1436.09	-3.29	-0.20	0.0	13.00	154.39
2995	4	-69.03	-0.70	-2.40e-03	0.0	68.0	-1433.67	-3.29	-0.20	0.0	-0.70	-69.03
		131.40	10.43	2.74e-03	0.0	0.0	-1210.16	-2.80	-0.15	0.0	10.43	131.40
2995	5	-58.80	-0.09	-2.09e-03	0.0	68.0	-1207.74	-2.80	-0.15	0.0	-0.09	-58.80
		131.40	10.43	2.74e-03	0.0	0.0	-1210.16	-2.80	-0.15	0.0	10.43	131.40
2996	1	-58.80	-0.09	-2.09e-03	0.0	68.0	-1207.74	-2.80	-0.15	0.0	-0.09	-58.80
		90.19	15.04	-4.33e-03	0.0	0.0	-1930.52	4.32	0.25	0.0	-1.94	-203.39
2996	2	-203.39	-1.94	-4.29e-03	0.0	68.0	-1927.38	4.32	0.25	0.0	15.04	90.19
		72.89	11.91	-3.50e-03	0.0	0.0	-1563.95	3.49	0.19	0.0	-1.26	-164.36
2996	3	-164.36	-1.26	-3.45e-03	0.0	68.0	-1561.53	3.49	0.19	0.0	11.91	72.89
		67.88	12.46	-3.27e-03	0.0	0.0	-1450.09	3.25	0.22	0.0	-2.47	-152.97
2996	4	-152.97	-2.47	-3.33e-03	0.0	68.0	-1447.67	3.25	0.22	0.0	12.46	67.88
		57.91	10.79	-2.79e-03	0.0	0.0	-1223.23	2.77	0.20	0.0	-2.70	-130.23
		-130.23	-2.70	-2.85e-03	0.0	68.0	-1220.81	2.77	0.20	0.0	10.79	57.91

2996	5	57.91	10.79	-2.79e-03	0.0	0.0	-1223.23	2.77	0.20	0.0	-2.70	-130.23
		-130.23	-2.70	-2.85e-03	0.0	68.0	-1220.81	2.77	0.20	0.0	10.79	57.91
2997	1	177.17	9.07	-6.53e-03	0.0	0.0	-474.79	-3.17	-0.59	-2.93	9.07	177.17
		-76.78	-37.83	-2.67e-03	0.0	80.0	-471.09	-3.17	-0.59	-2.93	-37.83	-76.78
2997	2	143.66	7.37	-5.28e-03	0.0	0.0	-385.48	-2.58	-0.48	-2.38	7.37	143.66
		-62.45	-30.70	-2.14e-03	0.0	80.0	-382.64	-2.58	-0.48	-2.38	-30.70	-62.45
2997	3	132.89	6.77	-4.92e-03	0.0	0.0	-356.63	-2.38	-0.44	-2.12	6.77	132.89
		-57.53	-28.41	-2.03e-03	0.0	80.0	-353.78	-2.38	-0.44	-2.12	-28.41	-57.53
2997	4	111.49	5.62	-4.18e-03	0.0	0.0	-298.71	-1.99	-0.37	-1.73	5.62	111.49
		-47.79	-23.86	-1.79e-03	0.0	80.0	-295.86	-1.99	-0.37	-1.73	-23.86	-47.79
2997	5	111.49	5.62	-4.18e-03	0.0	0.0	-298.71	-1.99	-0.37	-1.73	5.62	111.49
		-47.79	-23.86	-1.79e-03	0.0	80.0	-295.86	-1.99	-0.37	-1.73	-23.86	-47.79
2998	1	152.95	45.40	1.06e-03	0.0	0.0	-916.68	-4.14	1.23	3.56	-38.32	152.95
		-128.64	-38.32	-5.74e-03	0.0	68.0	-913.54	-4.14	1.23	3.56	45.40	-128.64
2998	2	123.57	36.72	8.42e-04	0.0	0.0	-743.56	-3.35	1.00	2.88	-31.09	123.57
		-103.92	-31.09	-4.64e-03	0.0	68.0	-741.14	-3.35	1.00	2.88	36.72	-103.92
2998	3	114.50	34.23	7.77e-04	0.0	0.0	-687.74	-3.10	0.93	2.77	-28.79	114.50
		-96.24	-28.79	-4.33e-03	0.0	68.0	-685.32	-3.10	0.93	2.77	34.23	-96.24
2998	4	96.56	29.15	6.60e-04	0.0	0.0	-575.91	-2.61	0.79	2.31	-24.26	96.56
		-81.07	-24.26	-3.70e-03	0.0	68.0	-573.49	-2.61	0.79	2.31	29.15	-81.07
2998	5	96.56	29.15	6.60e-04	0.0	0.0	-575.91	-2.61	0.79	2.31	-24.26	96.56
		-81.07	-24.26	-3.70e-03	0.0	68.0	-573.49	-2.61	0.79	2.31	29.15	-81.07
2999	1	72.04	41.70	-1.12e-03	0.0	0.0	-1218.38	-2.46	-0.64	-0.89	41.70	72.04
		-105.22	-4.29	-1.51e-03	0.0	72.0	-1215.05	-2.46	-0.64	-0.89	-4.29	-105.22
2999	2	58.53	33.70	-9.11e-04	0.0	0.0	-988.25	-2.00	-0.52	-0.72	33.70	58.53
		-85.36	-3.47	-1.22e-03	0.0	72.0	-985.69	-2.00	-0.52	-0.72	-3.47	-85.36
2999	3	53.93	31.47	-8.55e-04	0.0	0.0	-914.15	-1.84	-0.48	-0.67	31.47	53.93
		-78.79	-3.21	-1.14e-03	0.0	72.0	-911.59	-1.84	-0.48	-0.67	-3.21	-78.79
2999	4	45.01	26.87	-7.24e-04	0.0	0.0	-765.80	-1.54	-0.41	-0.57	26.87	45.01
		-65.95	-2.73	-9.67e-04	0.0	72.0	-763.24	-1.54	-0.41	-0.57	-2.73	-65.95
2999	5	45.01	26.87	-7.24e-04	0.0	0.0	-765.80	-1.54	-0.41	-0.57	26.87	45.01
		-65.95	-2.73	-9.67e-04	0.0	72.0	-763.24	-1.54	-0.41	-0.57	-2.73	-65.95
3000	1	0.0	0.0	-5.03e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.80e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3000	2	0.0	0.0	-4.08e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.26e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3000	3	0.0	0.0	-3.78e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.07e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3000	4	0.0	0.0	-3.17e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.73e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3000	5	0.0	0.0	-3.17e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.73e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3001	1	71.33	8.30	6.58e-03	0.0	0.0	-475.88	3.03	-0.59	3.14	8.30	-170.84
		-170.84	-39.21	-2.91e-03	0.0	80.0	-472.18	3.03	-0.59	3.14	-39.21	71.33
3001	2	58.03	6.73	5.32e-03	0.0	0.0	-386.04	2.46	-0.48	2.57	6.73	-138.62
		-138.62	-31.75	-2.34e-03	0.0	80.0	-383.20	2.46	-0.48	2.57	-31.75	58.03
3001	3	53.56	6.14	4.94e-03	0.0	0.0	-357.13	2.27	-0.45	2.36	6.14	-128.40
		-128.40	-29.70	-2.23e-03	0.0	80.0	-354.28	2.27	-0.45	2.36	-29.70	53.56
3001	4	44.53	5.11	4.19e-03	0.0	0.0	-299.58	1.90	-0.38	1.88	5.11	-107.84
		-107.84	-24.90	-1.95e-03	0.0	80.0	-296.74	1.90	-0.38	1.88	-24.90	44.53
3001	5	44.53	5.11	4.19e-03	0.0	0.0	-299.58	1.90	-0.38	1.88	5.11	-107.84
		-107.84	-24.90	-1.95e-03	0.0	80.0	-296.74	1.90	-0.38	1.88	-24.90	44.53
3002	1	122.39	49.83	-1.03e-03	0.0	0.0	-916.65	3.97	1.35	-1.61	-41.68	-147.68
		-147.68	-41.68	-6.15e-03	0.0	68.0	-913.51	3.97	1.35	-1.61	49.83	122.39
3002	2	99.41	40.25	-8.43e-04	0.0	0.0	-743.88	3.22	1.09	-1.32	-33.73	-119.86
		-119.86	-33.73	-4.96e-03	0.0	68.0	-741.46	3.22	1.09	-1.32	40.25	99.41
3002	3	92.27	37.94	-7.92e-04	0.0	0.0	-688.12	2.99	1.02	-1.09	-31.58	-111.28
		-111.28	-31.58	-4.68e-03	0.0	68.0	-685.70	2.99	1.02	-1.09	37.94	92.27
3002	4	77.87	32.16	-6.79e-04	0.0	0.0	-577.07	2.53	0.86	-0.95	-26.58	-93.97
		-93.97	-26.58	-3.98e-03	0.0	68.0	-574.65	2.53	0.86	-0.95	32.16	77.87
3002	5	77.87	32.16	-6.79e-04	0.0	0.0	-577.07	2.53	0.86	-0.95	-26.58	-93.97
		-93.97	-26.58	-3.98e-03	0.0	68.0	-574.65	2.53	0.86	-0.95	32.16	77.87
3003	1	102.08	46.15	8.93e-04	0.0	0.0	-1220.92	2.40	-0.70	0.69	46.15	-70.44
		-70.44	-4.28	-1.44e-03	0.0	72.0	-1217.59	2.40	-0.70	0.69	-4.28	102.08
3003	2	82.91	37.25	7.20e-04	0.0	0.0	-990.73	1.95	-0.57	0.56	37.25	-57.23
		-57.23	-3.47	-1.17e-03	0.0	72.0	-988.17	1.95	-0.57	0.56	-3.47	82.91
3003	3	76.74	35.21	6.61e-04	0.0	0.0	-916.70	1.80	-0.53	0.53	35.21	-52.92
		-52.92	-3.21	-1.08e-03	0.0	72.0	-914.14	1.80	-0.53	0.53	-3.21	76.74
3003	4	64.07	29.90	5.64e-04	0.0	0.0	-768.68	1.50	-0.45	0.46	29.90	-44.02
		-44.02	-2.71	-9.25e-04	0.0	72.0	-766.12	1.50	-0.45	0.46	-2.71	64.07
3003	5	64.07	29.90	5.64e-04	0.0	0.0	-768.68	1.50	-0.45	0.46	29.90	-44.02
		-44.02	-2.71	-9.25e-04	0.0	72.0	-766.12	1.50	-0.45	0.46	-2.71	64.07
3004	1	0.0	0.0	4.70e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-9.04e-05	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3004	2	0.0	0.0	3.81e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-7.45e-05	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3004	3	0.0	0.0	3.53e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0

		0.0	0.0	-5.24e-05	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3004	4	0.0	0.0	2.96e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-4.70e-05	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3004	5	0.0	0.0	2.96e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-4.70e-05	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3033	1	0.0	0.0	1.88e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3033	2	0.0	0.0	1.54e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3033	3	0.0	0.0	1.41e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3033	4	0.0	0.0	1.14e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	9.48e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3033	5	0.0	0.0	1.14e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	9.48e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3042	1	211.65	12.14	4.63e-03	0.0	0.0	-1850.95	-4.52	0.10	0.0	5.37	211.65
		-95.54	5.37	-2.86e-03	0.0	68.0	-1847.81	-4.52	0.10	0.0	12.14	-95.54
3042	2	170.97	9.65	3.74e-03	0.0	0.0	-1499.30	-3.65	0.08	0.0	4.45	170.97
		-77.16	4.45	-2.29e-03	0.0	68.0	-1496.88	-3.65	0.08	0.0	9.65	-77.16
3042	3	159.15	9.04	3.48e-03	0.0	0.0	-1389.76	-3.40	0.07	0.0	4.02	159.15
		-71.84	4.02	-2.14e-03	0.0	68.0	-1387.34	-3.40	0.07	0.0	9.04	-71.84
3042	4	135.47	8.51	2.97e-03	0.0	0.0	-1171.12	-2.89	0.09	0.0	2.58	135.47
		-61.04	2.58	-1.89e-03	0.0	68.0	-1168.70	-2.89	0.09	0.0	8.51	-61.04
3042	5	135.47	8.51	2.97e-03	0.0	0.0	-1171.12	-2.89	0.09	0.0	2.58	135.47
		-61.04	2.58	-1.89e-03	0.0	68.0	-1168.70	-2.89	0.09	0.0	8.51	-61.04
3043	1	97.30	37.11	-4.53e-03	0.0	0.0	-1837.19	4.56	0.85	0.0	-20.97	-212.78
		-212.78	-20.97	-4.32e-03	0.0	68.0	-1834.04	4.56	0.85	0.0	37.11	97.30
3043	2	78.61	29.62	-3.66e-03	0.0	0.0	-1488.83	3.68	0.68	0.0	-16.55	-171.97
		-171.97	-16.55	-3.46e-03	0.0	68.0	-1486.41	3.68	0.68	0.0	29.62	78.61
3043	3	73.21	29.11	-3.41e-03	0.0	0.0	-1379.18	3.43	0.67	0.0	-16.78	-160.04
		-160.04	-16.78	-3.36e-03	0.0	68.0	-1376.76	3.43	0.67	0.0	29.11	73.21
3043	4	62.51	25.33	-2.90e-03	0.0	0.0	-1160.12	2.92	0.59	0.0	-15.09	-136.17
		-136.17	-15.09	-2.89e-03	0.0	68.0	-1157.70	2.92	0.59	0.0	25.33	62.51
3043	5	62.51	25.33	-2.90e-03	0.0	0.0	-1160.12	2.92	0.59	0.0	-15.09	-136.17
		-136.17	-15.09	-2.89e-03	0.0	68.0	-1157.70	2.92	0.59	0.0	25.33	62.51
3044	1	41.37	-0.57	-0.01	0.0	0.0	-2081.20	0.96	-0.04	0.0	-0.57	-43.42
		-43.42	-3.99	-9.38e-03	0.0	88.0	-2077.13	0.96	-0.04	0.0	-3.99	41.37
3044	2	33.42	-0.40	-9.97e-03	0.0	0.0	-1683.38	0.78	-0.03	0.0	-0.40	-35.19
		-35.19	-3.19	-7.55e-03	0.0	88.0	-1680.25	0.78	-0.03	0.0	-3.19	33.42
3044	3	31.12	-0.46	-9.28e-03	0.0	0.0	-1564.07	0.72	-0.03	0.0	-0.46	-32.63
		-32.63	-2.94	-7.06e-03	0.0	88.0	-1560.94	0.72	-0.03	0.0	-2.94	31.12
3044	4	26.53	-0.64	-7.90e-03	0.0	0.0	-1325.98	0.61	-0.02	0.0	-0.64	-27.49
		-27.49	-2.59	-6.11e-03	0.0	88.0	-1322.85	0.61	-0.02	0.0	-2.59	26.53
3044	5	26.53	-0.64	-7.90e-03	0.0	0.0	-1325.98	0.61	-0.02	0.0	-0.64	-27.49
		-27.49	-2.59	-6.11e-03	0.0	88.0	-1322.85	0.61	-0.02	0.0	-2.59	26.53
3045	1	51.35	5.78	-0.01	0.0	0.0	-1330.96	1.11	-0.37	0.0	5.78	-46.53
		-46.53	-26.44	1.39e-03	0.0	88.0	-1326.90	1.11	-0.37	0.0	-26.44	51.35
3045	2	41.47	4.43	-0.01	0.0	0.0	-1075.79	0.90	-0.29	0.0	4.43	-37.70
		-37.70	-21.19	1.07e-03	0.0	88.0	-1072.66	0.90	-0.29	0.0	-21.19	41.47
3045	3	38.62	4.45	-0.01	0.0	0.0	-1000.68	0.84	-0.28	0.0	4.45	-34.96
		-34.96	-19.92	1.08e-03	0.0	88.0	-997.55	0.84	-0.28	0.0	-19.92	38.62
3045	4	32.95	4.42	-9.34e-03	0.0	0.0	-850.50	0.71	-0.25	0.0	4.42	-29.49
		-29.49	-17.47	1.05e-03	0.0	88.0	-847.37	0.71	-0.25	0.0	-17.47	32.95
3045	5	32.95	4.42	-9.34e-03	0.0	0.0	-850.50	0.71	-0.25	0.0	4.42	-29.49
		-29.49	-17.47	1.05e-03	0.0	88.0	-847.37	0.71	-0.25	0.0	-17.47	32.95
3046	1	173.27	6.56	-6.54e-03	0.0	0.0	-449.37	-3.08	-0.36	-1.68	6.56	173.27
		-73.07	-22.42	-2.57e-03	0.0	80.0	-445.67	-3.08	-0.36	-1.68	-22.42	-73.07
3046	2	140.56	5.34	-5.28e-03	0.0	0.0	-364.70	-2.50	-0.29	-1.37	5.34	140.56
		-59.48	-18.15	-2.06e-03	0.0	80.0	-361.86	-2.50	-0.29	-1.37	-18.15	-59.48
3046	3	130.01	4.88	-4.92e-03	0.0	0.0	-337.15	-2.31	-0.27	-1.19	4.88	130.01
		-54.74	-16.85	-1.96e-03	0.0	80.0	-334.31	-2.31	-0.27	-1.19	-16.85	-54.74
3046	4	108.96	4.02	-4.19e-03	0.0	0.0	-282.00	-1.93	-0.23	-0.94	4.02	108.96
		-45.30	-14.27	-1.72e-03	0.0	80.0	-279.16	-1.93	-0.23	-0.94	-14.27	-45.30
3046	5	108.96	4.02	-4.19e-03	0.0	0.0	-282.00	-1.93	-0.23	-0.94	4.02	108.96
		-45.30	-14.27	-1.72e-03	0.0	80.0	-279.16	-1.93	-0.23	-0.94	-14.27	-45.30
3047	1	154.60	25.41	1.23e-03	0.0	0.0	-883.37	-4.18	0.68	2.45	-21.08	154.60
		-129.80	-21.08	-4.14e-03	0.0	68.0	-880.23	-4.18	0.68	2.45	25.41	-129.80
3047	2	125.05	20.46	9.87e-04	0.0	0.0	-716.88	-3.38	0.55	1.98	-17.07	125.05
		-105.01	-17.07	-3.34e-03	0.0	68.0	-714.46	-3.38	0.55	1.98	20.46	-105.01
3047	3	116.03	19.26	9.21e-04	0.0	0.0	-662.65	-3.14	0.52	1.94	-15.86	116.03
		-97.39	-15.86	-3.13e-03	0.0	68.0	-660.23	-3.14	0.52	1.94	19.26	-97.39
3047	4	98.19	16.71	7.92e-04	0.0	0.0	-553.71	-2.65	0.44	1.61	-13.49	98.19
		-82.26	-13.49	-2.70e-03	0.0	68.0	-551.30	-2.65	0.44	1.61	16.71	-82.26
3047	5	98.19	16.71	7.92e-04	0.0	0.0	-553.71	-2.65	0.44	1.61	-13.49	98.19
		-82.26	-13.49	-2.70e-03	0.0	68.0	-551.30	-2.65	0.44	1.61	16.71	-82.26
3048	1	72.31	21.96	-9.49e-04	0.0	0.0	-1186.49	-2.48	-0.27	1.00	21.96	72.31
		-106.07	2.72	-1.73e-03	0.0	72.0	-1183.16	-2.48	-0.27	1.00	2.72	-106.07



3048	2	58.73	17.65	-7.71e-04	0.0	0.0	-962.65	-2.01	-0.21	0.81	17.65	58.73
		-86.06	2.18	-1.40e-03	0.0	72.0	-960.09	-2.01	-0.21	0.81	2.18	-86.06
3048	3	54.24	16.70	-7.15e-04	0.0	0.0	-890.26	-1.86	-0.20	0.76	16.70	54.24
		-79.57	2.05	-1.30e-03	0.0	72.0	-887.70	-1.86	-0.20	0.76	2.05	-79.57
3048	4	45.72	14.60	-5.80e-04	0.0	0.0	-745.27	-1.57	-0.18	0.64	14.60	45.72
		-67.07	1.77	-1.09e-03	0.0	72.0	-742.71	-1.57	-0.18	0.64	1.77	-67.07
3048	5	45.72	14.60	-5.80e-04	0.0	0.0	-745.27	-1.57	-0.18	0.64	14.60	45.72
		-67.07	1.77	-1.09e-03	0.0	72.0	-742.71	-1.57	-0.18	0.64	1.77	-67.07
3049	1	0.0	0.0	-4.93e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-6.31e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3049	2	0.0	0.0	-4.00e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-5.16e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3049	3	0.0	0.0	-3.70e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-4.67e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3049	4	0.0	0.0	-3.10e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.76e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3049	5	0.0	0.0	-3.10e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.76e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3050	1	62.82	5.85	6.78e-03	0.0	0.0	-442.24	2.79	-0.39	1.80	5.85	-160.39
		-160.39	-25.52	-2.81e-03	0.0	80.0	-438.55	2.79	-0.39	1.80	-25.52	62.82
3050	2	51.10	4.76	5.48e-03	0.0	0.0	-358.70	2.27	-0.32	1.48	4.76	-130.10
		-130.10	-20.59	-2.26e-03	0.0	80.0	-355.85	2.27	-0.32	1.48	-20.59	51.10
3050	3	47.07	4.31	5.10e-03	0.0	0.0	-331.67	2.09	-0.30	1.36	4.31	-120.38
		-120.38	-19.45	-2.16e-03	0.0	80.0	-328.83	2.09	-0.30	1.36	-19.45	47.07
3050	4	38.99	3.58	4.32e-03	0.0	0.0	-278.30	1.75	-0.25	1.04	3.58	-100.92
		-100.92	-16.48	-1.88e-03	0.0	80.0	-275.46	1.75	-0.25	1.04	-16.48	38.99
3050	5	38.99	3.58	4.32e-03	0.0	0.0	-278.30	1.75	-0.25	1.04	3.58	-100.92
		-100.92	-16.48	-1.88e-03	0.0	80.0	-275.46	1.75	-0.25	1.04	-16.48	38.99
3051	1	121.86	33.49	-1.06e-03	0.0	0.0	-876.26	3.95	0.88	0.11	-26.66	-146.82
		-146.82	-26.66	-4.70e-03	0.0	68.0	-873.12	3.95	0.88	0.11	33.49	121.86
3051	2	98.86	26.91	-8.64e-04	0.0	0.0	-711.05	3.20	0.71	0.07	-21.49	-119.06
		-119.06	-21.49	-3.78e-03	0.0	68.0	-708.63	3.20	0.71	0.07	26.91	98.86
3051	3	91.61	25.69	-8.04e-04	0.0	0.0	-657.36	2.97	0.68	0.20	-20.31	-110.35
		-110.35	-20.31	-3.59e-03	0.0	68.0	-654.95	2.97	0.68	0.20	25.69	91.61
3051	4	77.07	22.14	-6.82e-04	0.0	0.0	-550.73	2.50	0.58	0.16	-17.29	-92.82
		-92.82	-17.29	-3.09e-03	0.0	68.0	-548.31	2.50	0.58	0.16	22.14	77.07
3051	5	77.07	22.14	-6.82e-04	0.0	0.0	-550.73	2.50	0.58	0.16	-17.29	-92.82
		-92.82	-17.29	-3.09e-03	0.0	68.0	-548.31	2.50	0.58	0.16	22.14	77.07
3052	1	97.16	30.22	1.09e-03	0.0	0.0	-1175.77	2.25	-0.39	-2.22	30.22	-64.63
		-64.63	2.09	-1.41e-03	0.0	72.0	-1172.45	2.25	-0.39	-2.22	2.09	97.16
3052	2	78.93	24.24	8.74e-04	0.0	0.0	-954.08	1.83	-0.31	-1.79	24.24	-52.56
		-52.56	1.69	-1.14e-03	0.0	72.0	-951.52	1.83	-0.31	-1.79	1.69	78.93
3052	3	72.87	23.26	8.15e-04	0.0	0.0	-882.09	1.68	-0.30	-1.66	23.26	-48.42
		-48.42	1.59	-1.06e-03	0.0	72.0	-879.53	1.68	-0.30	-1.66	1.59	72.87
3052	4	60.24	20.14	7.18e-04	0.0	0.0	-738.00	1.39	-0.26	-1.41	20.14	-39.65
		-39.65	1.36	-8.86e-04	0.0	72.0	-735.44	1.39	-0.26	-1.41	1.36	60.24
3052	5	60.24	20.14	7.18e-04	0.0	0.0	-738.00	1.39	-0.26	-1.41	20.14	-39.65
		-39.65	1.36	-8.86e-04	0.0	72.0	-735.44	1.39	-0.26	-1.41	1.36	60.24
3053	1	0.0	0.0	4.74e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.54e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3053	2	0.0	0.0	3.84e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.34e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3053	3	0.0	0.0	3.56e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-9.75e-05	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3053	4	0.0	0.0	2.99e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-6.19e-05	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3053	5	0.0	0.0	2.99e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-6.19e-05	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3060	1	50.06	7.04	0.02	0.0	0.0	-1374.76	-1.17	0.09	0.0	-1.23	50.06
		-52.71	-1.23	-9.87e-03	0.0	88.0	-1370.69	-1.17	0.09	0.0	7.04	-52.71
3060	2	40.50	5.67	0.01	0.0	0.0	-1111.13	-0.94	0.08	0.0	-1.03	40.50
		-42.58	-1.03	-7.96e-03	0.0	88.0	-1108.00	-0.94	0.08	0.0	5.67	-42.58
3060	3	37.61	5.28	0.01	0.0	0.0	-1033.68	-0.88	0.07	0.0	-0.97	37.61
		-39.64	-0.97	-7.45e-03	0.0	88.0	-1030.55	-0.88	0.07	0.0	5.28	-39.64
3060	4	31.84	4.53	0.01	0.0	0.0	-878.79	-0.75	0.06	0.0	-0.74	31.84
		-33.77	-0.74	-6.38e-03	0.0	88.0	-875.66	-0.75	0.06	0.0	4.53	-33.77
3060	5	31.84	4.53	0.01	0.0	0.0	-878.79	-0.75	0.06	0.0	-0.74	31.84
		-33.77	-0.74	-6.38e-03	0.0	88.0	-875.66	-0.75	0.06	0.0	4.53	-33.77
3061	1	139.08	-183.42	0.01	0.0	0.0	-2333.57	7.84	-4.03	0.0	-183.42	-644.45
		-644.45	-586.53	0.04	0.0	100.0	-2328.95	7.84	-4.03	0.0	-586.53	139.08
3061	2	111.94	-147.65	0.01	0.0	0.0	-1878.15	6.31	-3.24	0.0	-147.65	-518.65
		-518.65	-472.13	0.03	0.0	100.0	-1874.59	6.31	-3.24	0.0	-472.13	111.94
3061	3	104.79	-138.19	0.01	0.0	0.0	-1758.15	5.90	-3.04	0.0	-138.19	-485.56
		-485.56	-441.89	0.03	0.0	100.0	-1754.60	5.90	-3.04	0.0	-441.89	104.79
3061	4	90.45	-119.26	8.67e-03	0.0	0.0	-1518.12	5.10	-2.62	0.0	-119.26	-419.25
		-419.25	-381.35	0.03	0.0	100.0	-1514.56	5.10	-2.62	0.0	-381.35	90.45
3061	5	90.45	-119.26	8.67e-03	0.0	0.0	-1518.12	5.10	-2.62	0.0	-119.26	-419.25

3062	1	-419.25	-381.35	0.03	0.0	100.0	-1514.56	5.10	-2.62	0.0	-381.35	90.45
		139.73	-116.34	0.01	0.0	0.0	-3383.32	7.87	2.16	0.0	-332.81	-647.44
3062	2	-647.44	-332.81	9.24e-03	0.0	100.0	-3378.70	7.87	2.16	0.0	-116.34	139.73
		112.47	-93.60	0.01	0.0	0.0	-2722.93	6.34	1.74	0.0	-267.80	-521.06
3062	3	-521.06	-267.80	7.43e-03	0.0	100.0	-2719.38	6.34	1.74	0.0	-93.60	112.47
		105.28	-87.68	0.01	0.0	0.0	-2549.09	5.93	1.63	0.0	-250.78	-487.81
3062	4	-487.81	-250.78	6.97e-03	0.0	100.0	-2545.53	5.93	1.63	0.0	-87.68	105.28
		90.87	-75.82	8.75e-03	0.0	0.0	-2201.31	5.12	1.41	0.0	-216.69	-421.19
3062	5	-421.19	-216.69	6.02e-03	0.0	100.0	-2197.75	5.12	1.41	0.0	-75.82	90.87
		90.87	-75.82	8.75e-03	0.0	0.0	-2201.31	5.12	1.41	0.0	-216.69	-421.19
3090	1	-421.19	-216.69	6.02e-03	0.0	100.0	-2197.75	5.12	1.41	0.0	-75.82	90.87
		387.11	11.48	0.02	0.0	0.0	-1668.08	-10.77	-0.21	0.0	11.48	387.11
3090	2	-344.92	-3.11	-1.41e-03	0.0	68.0	-1664.94	-10.77	-0.21	0.0	-3.11	-344.92
		312.88	9.51	0.01	0.0	0.0	-1350.85	-8.70	-0.18	0.0	9.51	312.88
3090	3	-278.81	-2.79	-1.11e-03	0.0	68.0	-1348.44	-8.70	-0.18	0.0	-2.79	-278.81
		290.94	8.70	0.01	0.0	0.0	-1253.15	-8.09	-0.16	0.0	8.70	290.94
3090	4	-259.19	-2.46	-1.05e-03	0.0	68.0	-1250.73	-8.09	-0.16	0.0	-2.46	-259.19
		247.05	6.46	0.01	0.0	0.0	-1057.63	-6.87	-0.11	0.0	6.46	247.05
3090	5	-219.92	-1.09	-9.79e-04	0.0	68.0	-1055.21	-6.87	-0.11	0.0	-1.09	-219.92
		247.05	6.46	0.01	0.0	0.0	-1057.63	-6.87	-0.11	0.0	6.46	247.05
3091	1	-219.92	-1.09	-9.79e-04	0.0	68.0	-1055.21	-6.87	-0.11	0.0	-1.09	-219.92
		319.20	36.80	-0.01	0.0	0.0	-1648.72	10.03	0.89	0.0	-23.49	-363.11
3091	2	-363.11	-23.49	-3.52e-03	0.0	68.0	-1645.57	10.03	0.89	0.0	36.80	319.20
		258.22	29.31	-0.01	0.0	0.0	-1335.23	8.12	0.70	0.0	-18.55	-293.68
3091	3	-293.68	-18.55	-2.81e-03	0.0	68.0	-1332.81	8.12	0.70	0.0	29.31	258.22
		240.05	28.91	-0.01	0.0	0.0	-1239.09	7.55	0.70	0.0	-18.73	-273.07
3091	4	-273.07	-18.73	-2.76e-03	0.0	68.0	-1236.67	7.55	0.70	0.0	28.91	240.05
		203.74	25.25	-9.50e-03	0.0	0.0	-1045.75	6.41	0.62	0.0	-16.67	-231.88
3091	5	-231.88	-16.67	-2.40e-03	0.0	68.0	-1043.34	6.41	0.62	0.0	25.25	203.74
		203.74	25.25	-9.50e-03	0.0	0.0	-1045.75	6.41	0.62	0.0	-16.67	-231.88
3092	1	-231.88	-16.67	-2.40e-03	0.0	68.0	-1043.34	6.41	0.62	0.0	25.25	203.74
		152.97	5.00	-9.73e-03	0.0	0.0	-630.23	-2.03	-0.16	-0.52	5.00	152.97
3092	2	-9.49	-7.58	-2.45e-03	0.0	80.0	-626.53	-2.03	-0.16	-0.52	-7.58	-9.49
		124.17	4.07	-7.86e-03	0.0	0.0	-510.79	-1.65	-0.13	-0.44	4.07	124.17
3092	3	-8.11	-6.09	-1.96e-03	0.0	80.0	-507.95	-1.65	-0.13	-0.44	-6.09	-8.11
		114.85	3.71	-7.31e-03	0.0	0.0	-473.30	-1.52	-0.12	-0.33	3.71	114.85
3092	4	-7.06	-5.71	-1.87e-03	0.0	80.0	-470.46	-1.52	-0.12	-0.33	-5.71	-7.06
		96.48	3.04	-6.20e-03	0.0	0.0	-398.22	-1.27	-0.10	-0.23	3.04	96.48
3092	5	-5.21	-4.96	-1.65e-03	0.0	80.0	-395.38	-1.27	-0.10	-0.23	-4.96	-5.21
		96.48	3.04	-6.20e-03	0.0	0.0	-398.22	-1.27	-0.10	-0.23	3.04	96.48
3093	1	-5.21	-4.96	-1.65e-03	0.0	80.0	-395.38	-1.27	-0.10	-0.23	-4.96	-5.21
		348.46	8.91	8.37e-03	0.0	0.0	-615.07	-9.97	0.23	2.67	-6.91	348.46
3093	2	-329.24	-6.91	-2.62e-03	0.0	68.0	-611.92	-9.97	0.23	2.67	8.91	-329.24
		281.83	7.06	6.76e-03	0.0	0.0	-499.40	-8.06	0.19	2.16	-5.56	281.83
3093	3	-266.29	-5.56	-2.10e-03	0.0	68.0	-496.98	-8.06	0.19	2.16	7.06	-266.29
		261.67	6.86	6.29e-03	0.0	0.0	-461.63	-7.48	0.18	2.11	-5.21	261.67
3093	4	-247.22	-5.21	-1.99e-03	0.0	68.0	-459.21	-7.48	0.18	2.11	6.86	-247.22
		221.40	6.29	5.34e-03	0.0	0.0	-386.16	-6.33	0.16	1.76	-4.57	221.40
3093	5	-209.14	-4.57	-1.75e-03	0.0	68.0	-383.74	-6.33	0.16	1.76	6.29	-209.14
		221.40	6.29	5.34e-03	0.0	0.0	-386.16	-6.33	0.16	1.76	-4.57	221.40
3094	1	-209.14	-4.57	-1.75e-03	0.0	68.0	-383.74	-6.33	0.16	1.76	6.29	-209.14
		-4.86	6.19	-4.34e-03	0.0	0.0	-1012.17	-0.90	-0.04	0.18	6.19	-4.86
3094	2	-69.33	3.40	-1.84e-03	0.0	72.0	-1008.84	-0.90	-0.04	0.18	3.40	-69.33
		-3.62	4.84	-3.51e-03	0.0	0.0	-821.05	-0.73	-0.03	0.15	4.84	-3.62
3094	3	-56.40	2.74	-1.49e-03	0.0	72.0	-818.49	-0.73	-0.03	0.15	2.74	-56.40
		-3.72	4.84	-3.26e-03	0.0	0.0	-759.93	-0.67	-0.03	0.14	4.84	-3.72
3094	4	-51.99	2.57	-1.39e-03	0.0	72.0	-757.37	-0.67	-0.03	0.14	2.57	-51.99
		-3.80	4.64	-2.76e-03	0.0	0.0	-637.54	-0.55	-0.03	0.10	4.64	-3.80
3094	5	-43.29	2.24	-1.17e-03	0.0	72.0	-634.98	-0.55	-0.03	0.10	2.24	-43.29
		-3.80	4.64	-2.76e-03	0.0	0.0	-637.54	-0.55	-0.03	0.10	4.64	-3.80
3095	1	-43.29	2.24	-1.17e-03	0.0	72.0	-634.98	-0.55	-0.03	0.10	2.24	-43.29
		0.0	0.0	-7.86e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
3095	2	0.0	0.0	-1.15e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-6.37e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
3095	3	0.0	0.0	-9.39e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-5.90e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
3095	4	0.0	0.0	-8.59e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-4.97e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
3095	5	0.0	0.0	-7.07e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-4.97e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
3096	1	0.0	0.0	-7.07e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
		20.56	4.52	0.01	0.0	0.0	-624.55	2.20	-0.22	0.79	4.52	-155.13
3096	2	-155.13	-13.45	-2.70e-03	0.0	80.0	-620.85	2.20	-0.22	0.79	-13.45	20.56
		16.75	3.68	8.20e-03	0.0	0.0	-505.99	1.78	-0.18	0.67	3.68	-125.67
3096	3	-125.67	-10.78	-2.17e-03	0.0	80.0	-503.15	1.78	-0.18	0.67	-10.78	16.75
		15.30	3.32	7.62e-03	0.0	0.0	-469.14	1.65	-0.17	0.60	3.32	-116.48
		-116.48	-10.41	-2.07e-03	0.0	80.0	-466.30	1.65	-0.17	0.60	-10.41	15.30

3096	4	12.11	2.77	6.47e-03	0.0	0.0	-394.81	1.37	-0.15	0.41	2.77	-97.74
		-97.74	-9.02	-1.81e-03	0.0	80.0	-391.97	1.37	-0.15	0.41	-9.02	12.11
3096	5	12.11	2.77	6.47e-03	0.0	0.0	-394.81	1.37	-0.15	0.41	2.77	-97.74
		-97.74	-9.02	-1.81e-03	0.0	80.0	-391.97	1.37	-0.15	0.41	-9.02	12.11
3097	1	283.93	22.16	-5.90e-03	0.0	0.0	-611.33	8.64	0.55	0.86	-15.26	-303.41
		-303.41	-15.26	-3.39e-03	0.0	68.0	-608.19	8.64	0.55	0.86	22.16	283.93
3097	2	229.98	17.70	-4.78e-03	0.0	0.0	-496.02	7.00	0.44	0.67	-12.24	-245.74
		-245.74	-12.24	-2.72e-03	0.0	68.0	-493.60	7.00	0.44	0.67	17.70	229.98
3097	3	213.55	17.20	-4.45e-03	0.0	0.0	-458.90	6.50	0.43	0.77	-11.79	-228.19
		-228.19	-11.79	-2.61e-03	0.0	68.0	-456.48	6.50	0.43	0.77	17.20	213.55
3097	4	180.53	15.19	-3.77e-03	0.0	0.0	-384.03	5.49	0.37	0.64	-10.28	-192.93
		-192.93	-10.28	-2.28e-03	0.0	68.0	-381.62	5.49	0.37	0.64	15.19	180.53
3097	5	180.53	15.19	-3.77e-03	0.0	0.0	-384.03	5.49	0.37	0.64	-10.28	-192.93
		-192.93	-10.28	-2.28e-03	0.0	68.0	-381.62	5.49	0.37	0.64	15.19	180.53
3107	1	390.81	35.03	0.02	0.0	0.0	-1691.56	-10.89	-1.18	0.0	35.03	390.81
		-349.50	-45.13	1.12e-03	0.0	68.0	-1688.42	-10.89	-1.18	0.0	-45.13	-349.50
3107	2	315.96	28.53	0.01	0.0	0.0	-1369.70	-8.80	-0.96	0.0	28.53	315.96
		-282.60	-36.71	9.28e-04	0.0	68.0	-1367.28	-8.80	-0.96	0.0	-36.71	-282.60
3107	3	293.73	26.51	0.01	0.0	0.0	-1270.66	-8.18	-0.89	0.0	26.51	293.73
		-262.66	-34.13	8.52e-04	0.0	68.0	-1268.24	-8.18	-0.89	0.0	-34.13	-262.66
3107	4	249.42	21.81	0.01	0.0	0.0	-1072.57	-6.95	-0.74	0.0	21.81	249.42
		-222.94	-28.22	6.44e-04	0.0	68.0	-1070.16	-6.95	-0.74	0.0	-28.22	-222.94
3107	5	249.42	21.81	0.01	0.0	0.0	-1072.57	-6.95	-0.74	0.0	21.81	249.42
		-222.94	-28.22	6.44e-04	0.0	68.0	-1070.16	-6.95	-0.74	0.0	-28.22	-222.94
3108	1	315.73	8.39	-0.01	0.0	0.0	-1665.83	9.92	0.20	0.0	-5.42	-358.68
		-358.68	-5.42	-1.58e-03	0.0	68.0	-1662.69	9.92	0.20	0.0	8.39	315.73
3108	2	255.34	6.39	-0.01	0.0	0.0	-1348.95	8.02	0.15	0.0	-3.99	-290.02
		-290.02	-3.99	-1.24e-03	0.0	68.0	-1346.53	8.02	0.15	0.0	6.39	255.34
3108	3	237.44	7.65	-0.01	0.0	0.0	-1251.26	7.46	0.19	0.0	-5.32	-269.74
		-269.74	-5.32	-1.31e-03	0.0	68.0	-1248.84	7.46	0.19	0.0	7.65	237.44
3108	4	201.41	6.94	-8.89e-03	0.0	0.0	-1056.34	6.33	0.18	0.0	-5.03	-228.97
		-228.97	-5.03	-1.16e-03	0.0	68.0	-1053.92	6.33	0.18	0.0	6.94	201.41
3108	5	201.41	6.94	-8.89e-03	0.0	0.0	-1056.34	6.33	0.18	0.0	-5.03	-228.97
		-228.97	-5.03	-1.16e-03	0.0	68.0	-1053.92	6.33	0.18	0.0	6.94	201.41
3109	1	149.09	5.08	-9.14e-03	0.0	0.0	-635.08	-1.92	7.05e-03	0.57	4.51	149.09
		-4.20	4.51	-2.32e-03	0.0	80.0	-631.38	-1.92	7.05e-03	0.57	5.08	-4.20
3109	2	120.89	4.16	-7.39e-03	0.0	0.0	-514.61	-1.56	6.13e-03	0.45	3.67	120.89
		-3.67	3.67	-1.86e-03	0.0	80.0	-511.76	-1.56	6.13e-03	0.45	4.16	-3.67
3109	3	111.93	3.83	-6.87e-03	0.0	0.0	-476.96	-1.44	6.04e-03	0.49	3.34	111.93
		-3.08	3.34	-1.78e-03	0.0	80.0	-474.11	-1.44	6.04e-03	0.49	3.83	-3.08
3109	4	93.97	3.08	-5.82e-03	0.0	0.0	-401.52	-1.20	4.16e-03	0.44	2.75	93.97
		-1.79	2.75	-1.57e-03	0.0	80.0	-398.68	-1.20	4.16e-03	0.44	3.08	-1.79
3109	5	93.97	3.08	-5.82e-03	0.0	0.0	-401.52	-1.20	4.16e-03	0.44	2.75	93.97
		-1.79	2.75	-1.57e-03	0.0	80.0	-398.68	-1.20	4.16e-03	0.44	3.08	-1.79
3110	1	354.71	2.08	9.33e-03	0.0	0.0	-621.64	-10.14	-0.03	4.29	2.08	354.71
		-335.02	-0.16	-1.30e-03	0.0	68.0	-618.50	-10.14	-0.03	4.29	-0.16	-335.02
3110	2	287.02	1.74	7.54e-03	0.0	0.0	-504.45	-8.21	-0.03	3.48	1.74	287.02
		-271.08	-0.26	-1.03e-03	0.0	68.0	-502.03	-8.21	-0.03	3.48	-0.26	-271.08
3110	3	266.40	1.57	7.01e-03	0.0	0.0	-466.55	-7.62	-0.02	3.33	1.57	266.40
		-251.60	-2.94e-03	-1.00e-03	0.0	68.0	-464.13	-7.62	-0.02	3.33	-2.94e-03	-251.60
3110	4	225.48	1.16	5.96e-03	0.0	0.0	-390.60	-6.45	-0.01	2.81	1.16	225.48
		-212.94	0.40	-9.15e-04	0.0	68.0	-388.19	-6.45	-0.01	2.81	0.40	-212.94
3110	5	225.48	1.16	5.96e-03	0.0	0.0	-390.60	-6.45	-0.01	2.81	1.16	225.48
		-212.94	0.40	-9.15e-04	0.0	68.0	-388.19	-6.45	-0.01	2.81	0.40	-212.94
3111	1	-7.71	-1.55	-3.63e-03	0.0	0.0	-1021.00	-0.83	-0.02	-3.37	-1.55	-7.71
		-67.40	-3.34	-1.55e-03	0.0	72.0	-1017.67	-0.83	-0.02	-3.37	-3.34	-67.40
3111	2	-5.99	-1.41	-2.94e-03	0.0	0.0	-827.94	-0.68	-0.02	-2.72	-1.41	-5.99
		-54.80	-2.71	-1.25e-03	0.0	72.0	-825.38	-0.68	-0.02	-2.72	-2.71	-54.80
3111	3	-5.86	-1.02	-2.73e-03	0.0	0.0	-766.53	-0.62	-0.02	-2.52	-1.02	-5.86
		-50.55	-2.49	-1.17e-03	0.0	72.0	-763.97	-0.62	-0.02	-2.52	-2.49	-50.55
3111	4	-5.68	-0.43	-2.31e-03	0.0	0.0	-643.60	-0.50	-0.02	-2.16	-0.43	-5.68
		-42.02	-2.07	-1.01e-03	0.0	72.0	-641.04	-0.50	-0.02	-2.16	-2.07	-42.02
3111	5	-5.68	-0.43	-2.31e-03	0.0	0.0	-643.60	-0.50	-0.02	-2.16	-0.43	-5.68
		-42.02	-2.07	-1.01e-03	0.0	72.0	-641.04	-0.50	-0.02	-2.16	-2.07	-42.02
3112	1	0.0	0.0	-7.24e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.53e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3112	2	0.0	0.0	-5.87e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.24e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3112	3	0.0	0.0	-5.44e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.15e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3112	4	0.0	0.0	-4.58e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-9.75e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3112	5	0.0	0.0	-4.58e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-9.75e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3113	1	28.58	4.58	0.01	0.0	0.0	-636.77	2.39	-0.10	0.04	4.58	-162.97
		-162.97	-3.61	-2.58e-03	0.0	80.0	-633.07	2.39	-0.10	0.04	-3.61	28.58
3113	2	23.37	3.73	8.68e-03	0.0	0.0	-516.00	1.94	-0.08	0.05	3.73	-132.12

		-132.12	-2.82	-2.07e-03	0.0	80.0	-513.15	1.94	-0.08	0.05	-2.82	23.37
3113	3	21.33	3.36	8.07e-03	0.0	0.0	-478.21	1.80	-0.08	0.03	3.36	-122.35
		-122.35	-3.02	-1.98e-03	0.0	80.0	-475.36	1.80	-0.08	0.03	-3.02	21.33
3113	4	17.32	2.84	6.86e-03	0.0	0.0	-402.60	1.50	-0.07	-0.05	2.84	-102.82
		-102.82	-2.82	-1.73e-03	0.0	80.0	-399.76	1.50	-0.07	-0.05	-2.82	17.32
3113	5	17.32	2.84	6.86e-03	0.0	0.0	-402.60	1.50	-0.07	-0.05	2.84	-102.82
		-102.82	-2.82	-1.73e-03	0.0	80.0	-399.76	1.50	-0.07	-0.05	-2.82	17.32
3114	1	280.81	17.90	-4.99e-03	0.0	0.0	-623.47	8.54	0.39	0.12	-8.79	-299.81
		-299.81	-8.79	-2.28e-03	0.0	68.0	-620.32	8.54	0.39	0.12	17.90	280.81
3114	2	227.34	14.29	-4.04e-03	0.0	0.0	-505.94	6.91	0.31	0.07	-7.01	-242.71
		-242.71	-7.01	-1.82e-03	0.0	68.0	-503.52	6.91	0.31	0.07	14.29	227.34
3114	3	211.16	13.98	-3.76e-03	0.0	0.0	-467.89	6.42	0.31	0.22	-6.94	-225.44
		-225.44	-6.94	-1.78e-03	0.0	68.0	-465.47	6.42	0.31	0.22	13.98	211.16
3114	4	178.44	12.44	-3.18e-03	0.0	0.0	-391.76	5.43	0.27	0.16	-6.24	-190.54
		-190.54	-6.24	-1.58e-03	0.0	68.0	-389.34	5.43	0.27	0.16	12.44	178.44
3114	5	178.44	12.44	-3.18e-03	0.0	0.0	-391.76	5.43	0.27	0.16	-6.24	-190.54
		-190.54	-6.24	-1.58e-03	0.0	68.0	-389.34	5.43	0.27	0.16	12.44	178.44
3115	1	75.98	16.69	5.53e-03	0.0	0.0	-1019.46	1.20	-0.30	-1.10	16.69	-10.50
		-10.50	-4.81	-4.95e-04	0.0	72.0	-1016.13	1.20	-0.30	-1.10	-4.81	75.98
3115	2	61.73	13.30	4.47e-03	0.0	0.0	-826.72	0.98	-0.24	-0.89	13.30	-8.71
		-8.71	-3.90	-3.97e-04	0.0	72.0	-824.16	0.98	-0.24	-0.89	-3.90	61.73
3115	3	56.97	13.11	4.16e-03	0.0	0.0	-765.34	0.90	-0.23	-0.81	13.11	-7.74
		-7.74	-3.59	-3.76e-04	0.0	72.0	-762.78	0.90	-0.23	-0.81	-3.59	56.97
3115	4	47.47	11.70	3.53e-03	0.0	0.0	-642.46	0.74	-0.21	-0.71	11.70	-5.89
		-5.89	-3.09	-3.23e-04	0.0	72.0	-639.90	0.74	-0.21	-0.71	-3.09	47.47
3115	5	47.47	11.70	3.53e-03	0.0	0.0	-642.46	0.74	-0.21	-0.71	11.70	-5.89
		-5.89	-3.09	-3.23e-04	0.0	72.0	-639.90	0.74	-0.21	-0.71	-3.09	47.47
3116	1	0.0	0.0	8.80e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.03e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3116	2	0.0	0.0	7.12e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.68e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3116	3	0.0	0.0	6.61e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.38e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3116	4	0.0	0.0	5.58e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.06e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3116	5	0.0	0.0	5.58e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.06e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3121	1	6.30	9.00	-4.53e-03	0.0	0.0	-994.54	0.16	0.07	0.0	3.70	-6.71
		-6.71	3.70	-0.01	0.0	80.0	-990.85	0.16	0.07	0.0	9.00	6.30
3121	2	4.97	7.33	-3.63e-03	0.0	0.0	-801.35	0.13	0.05	0.0	2.95	-5.37
		-5.37	2.95	-0.01	0.0	80.0	-798.51	0.13	0.05	0.0	7.33	4.97
3121	3	4.80	6.78	-3.41e-03	0.0	0.0	-748.87	0.12	0.05	0.0	2.77	-5.07
		-5.07	2.77	-0.01	0.0	80.0	-746.03	0.12	0.05	0.0	6.78	4.80
3121	4	4.44	5.66	-2.98e-03	0.0	0.0	-643.98	0.11	0.04	0.0	2.46	-4.48
		-4.48	2.46	-9.15e-03	0.0	80.0	-641.14	0.11	0.04	0.0	5.66	4.44
3121	5	4.44	5.66	-2.98e-03	0.0	0.0	-643.98	0.11	0.04	0.0	2.46	-4.48
		-4.48	2.46	-9.15e-03	0.0	80.0	-641.14	0.11	0.04	0.0	5.66	4.44
3123	1	1.69	23.88	-3.35e-03	0.0	0.0	-1515.47	0.01	-0.47	0.0	23.88	0.84
		0.84	-13.40	-6.99e-03	0.0	80.0	-1511.77	0.01	-0.47	0.0	-13.40	1.69
3123	2	1.25	19.17	-2.68e-03	0.0	0.0	-1221.03	6.58e-03	-0.37	0.0	19.17	0.72
		0.72	-10.68	-5.65e-03	0.0	80.0	-1218.19	6.58e-03	-0.37	0.0	-10.68	1.25
3123	3	1.33	18.01	-2.53e-03	0.0	0.0	-1141.10	8.99e-03	-0.35	0.0	18.01	0.61
		0.61	-10.12	-5.26e-03	0.0	80.0	-1138.26	8.99e-03	-0.35	0.0	-10.12	1.33
3123	4	1.47	15.72	-2.22e-03	0.0	0.0	-981.41	0.01	-0.31	0.0	15.72	0.38
		0.38	-9.01	-4.50e-03	0.0	80.0	-978.57	0.01	-0.31	0.0	-9.01	1.47
3123	5	1.47	15.72	-2.22e-03	0.0	0.0	-981.41	0.01	-0.31	0.0	15.72	0.38
		0.38	-9.01	-4.50e-03	0.0	80.0	-978.57	0.01	-0.31	0.0	-9.01	1.47
3124	1	486.29	87.54	-8.86e-03	0.0	0.0	-3588.71	-5.73	-2.49	0.0	87.54	486.29
		-86.76	-161.15	7.13e-03	0.0	100.0	-3584.09	-5.73	-2.49	0.0	-161.15	-86.76
3124	2	391.47	70.50	-7.13e-03	0.0	0.0	-2888.42	-4.61	-2.00	0.0	70.50	391.47
		-69.85	-129.69	5.74e-03	0.0	100.0	-2884.86	-4.61	-2.00	0.0	-129.69	-69.85
3124	3	366.29	65.95	-6.68e-03	0.0	0.0	-2703.75	-4.32	-1.87	0.0	65.95	366.29
		-65.34	-121.42	5.38e-03	0.0	100.0	-2700.19	-4.32	-1.87	0.0	-121.42	-65.34
3124	4	316.19	56.79	-5.77e-03	0.0	0.0	-2334.43	-3.73	-1.62	0.0	56.79	316.19
		-56.37	-104.86	4.66e-03	0.0	100.0	-2330.87	-3.73	-1.62	0.0	-104.86	-56.37
3124	5	316.19	56.79	-5.77e-03	0.0	0.0	-2334.43	-3.73	-1.62	0.0	56.79	316.19
		-56.37	-104.86	4.66e-03	0.0	100.0	-2330.87	-3.73	-1.62	0.0	-104.86	-56.37
3125	1	483.91	-134.18	-8.77e-03	0.0	0.0	-2132.18	-5.70	-5.89	0.0	-134.18	483.91
		-85.79	-723.55	0.13	0.0	100.0	-2127.55	-5.70	-5.89	0.0	-723.55	-85.79
3125	2	389.55	-108.05	-7.06e-03	0.0	0.0	-1716.04	-4.59	-4.74	0.0	-108.05	389.55
		-69.07	-582.52	0.10	0.0	100.0	-1712.48	-4.59	-4.74	0.0	-582.52	-69.07
3125	3	364.50	-101.08	-6.61e-03	0.0	0.0	-1606.41	-4.29	-4.44	0.0	-101.08	364.50
		-64.61	-545.07	0.09	0.0	100.0	-1602.86	-4.29	-4.44	0.0	-545.07	-64.61
3125	4	314.64	-87.13	-5.71e-03	0.0	0.0	-1387.18	-3.70	-3.83	0.0	-87.13	314.64
		-55.74	-470.11	0.08	0.0	100.0	-1383.63	-3.70	-3.83	0.0	-470.11	-55.74
3125	5	314.64	-87.13	-5.71e-03	0.0	0.0	-1387.18	-3.70	-3.83	0.0	-87.13	314.64
		-55.74	-470.11	0.08	0.0	100.0	-1383.63	-3.70	-3.83	0.0	-470.11	-55.74



3126	1	12.77	72.86	3.27e-03	0.0	0.0	-1512.50	-0.21	-1.22	0.0	72.86	12.77
		-4.11	-24.49	-9.07e-03	0.0	80.0	-1508.80	-0.21	-1.22	0.0	-24.49	-4.11
3126	2	10.24	58.57	2.62e-03	0.0	0.0	-1218.76	-0.17	-0.98	0.0	58.57	10.24
		-3.21	-19.58	-7.32e-03	0.0	80.0	-1215.91	-0.17	-0.98	0.0	-19.58	-3.21
3126	3	9.64	54.95	2.47e-03	0.0	0.0	-1138.86	-0.16	-0.92	0.0	54.95	9.64
		-3.14	-18.53	-6.83e-03	0.0	80.0	-1136.02	-0.16	-0.92	0.0	-18.53	-3.14
3126	4	8.44	47.71	2.18e-03	0.0	0.0	-979.17	-0.14	-0.80	0.0	47.71	8.44
		-3.01	-16.42	-5.83e-03	0.0	80.0	-976.32	-0.14	-0.80	0.0	-16.42	-3.01
3126	5	8.44	47.71	2.18e-03	0.0	0.0	-979.17	-0.14	-0.80	0.0	47.71	8.44
		-3.01	-16.42	-5.83e-03	0.0	80.0	-976.32	-0.14	-0.80	0.0	-16.42	-3.01
3127	1	20.35	282.89	4.46e-03	0.0	0.0	-996.84	-0.36	-1.97	0.0	282.89	20.35
		-8.79	125.44	-0.06	0.0	80.0	-993.14	-0.36	-1.97	0.0	125.44	-8.79
3127	2	16.35	227.86	3.58e-03	0.0	0.0	-803.23	-0.29	-1.59	0.0	227.86	16.35
		-6.98	101.04	-0.05	0.0	80.0	-800.38	-0.29	-1.59	0.0	101.04	-6.98
3127	3	15.34	213.06	3.37e-03	0.0	0.0	-750.60	-0.27	-1.48	0.0	213.06	15.34
		-6.66	94.47	-0.05	0.0	80.0	-747.76	-0.27	-1.48	0.0	94.47	-6.66
3127	4	13.32	183.46	2.94e-03	0.0	0.0	-645.42	-0.24	-1.28	0.0	183.46	13.32
		-6.01	81.32	-0.04	0.0	80.0	-642.57	-0.24	-1.28	0.0	81.32	-6.01
3127	5	13.32	183.46	2.94e-03	0.0	0.0	-645.42	-0.24	-1.28	0.0	183.46	13.32
		-6.01	81.32	-0.04	0.0	80.0	-642.57	-0.24	-1.28	0.0	81.32	-6.01
3128	1	30.88	8.39	-4.55e-03	0.0	0.0	-1243.47	-0.38	0.05	0.0	4.30	30.88
		0.37	4.30	-0.01	0.0	80.0	-1239.77	-0.38	0.05	0.0	8.39	0.37
3128	2	24.96	6.83	-3.64e-03	0.0	0.0	-1002.72	-0.31	0.04	0.0	3.43	24.96
		0.13	3.43	-0.01	0.0	80.0	-999.87	-0.31	0.04	0.0	6.83	0.13
3128	3	23.20	6.32	-3.44e-03	0.0	0.0	-936.03	-0.29	0.04	0.0	3.23	23.20
		0.37	3.23	-0.01	0.0	80.0	-933.18	-0.29	0.04	0.0	6.32	0.37
3128	4	19.70	5.26	-3.04e-03	0.0	0.0	-802.54	-0.24	0.03	0.0	2.85	19.70
		0.82	2.85	-9.14e-03	0.0	80.0	-799.70	-0.24	0.03	0.0	5.26	0.82
3128	5	19.70	5.26	-3.04e-03	0.0	0.0	-802.54	-0.24	0.03	0.0	2.85	19.70
		0.82	2.85	-9.14e-03	0.0	80.0	-799.70	-0.24	0.03	0.0	5.26	0.82
3129	1	210.44	49.86	6.61e-03	0.0	0.0	-1963.66	-4.52	-1.81	0.0	49.86	210.44
		-96.71	-73.32	3.15e-03	0.0	68.0	-1960.52	-4.52	-1.81	0.0	-73.32	-96.71
3129	2	170.07	40.54	5.34e-03	0.0	0.0	-1590.72	-3.65	-1.47	0.0	40.54	170.07
		-78.16	-59.52	2.58e-03	0.0	68.0	-1588.30	-3.65	-1.47	0.0	-59.52	-78.16
3129	3	158.29	37.73	4.97e-03	0.0	0.0	-1474.88	-3.40	-1.37	0.0	37.73	158.29
		-72.75	-55.38	2.38e-03	0.0	68.0	-1472.46	-3.40	-1.37	0.0	-55.38	-72.75
3129	4	134.36	31.37	4.21e-03	0.0	0.0	-1242.82	-2.88	-1.14	0.0	31.37	134.36
		-61.70	-46.25	1.92e-03	0.0	68.0	-1240.40	-2.88	-1.14	0.0	-46.25	-61.70
3129	5	134.36	31.37	4.21e-03	0.0	0.0	-1242.82	-2.88	-1.14	0.0	31.37	134.36
		-61.70	-46.25	1.92e-03	0.0	68.0	-1240.40	-2.88	-1.14	0.0	-46.25	-61.70
3130	1	167.36	25.00	-4.63e-03	0.0	0.0	-468.06	-2.91	0.27	1.52	3.15	167.36
		-65.16	3.15	-2.20e-03	0.0	80.0	-464.36	-2.91	0.27	1.52	25.00	-65.16
3130	2	135.72	20.33	-3.75e-03	0.0	0.0	-379.74	-2.36	0.22	1.22	2.56	135.72
		-53.00	2.56	-1.76e-03	0.0	80.0	-376.90	-2.36	0.22	1.22	20.33	-53.00
3130	3	125.57	18.79	-3.49e-03	0.0	0.0	-351.38	-2.18	0.21	1.20	2.32	125.57
		-48.78	2.32	-1.68e-03	0.0	80.0	-348.54	-2.18	0.21	1.20	18.79	-48.78
3130	4	105.55	15.61	-2.94e-03	0.0	0.0	-295.84	-1.83	0.17	1.02	1.90	105.55
		-40.75	1.90	-1.49e-03	0.0	80.0	-293.00	-1.83	0.17	1.02	15.61	-40.75
3130	5	105.55	15.61	-2.94e-03	0.0	0.0	-295.84	-1.83	0.17	1.02	1.90	105.55
		-40.75	1.90	-1.49e-03	0.0	80.0	-293.00	-1.83	0.17	1.02	15.61	-40.75
3131	1	158.14	20.95	3.26e-03	0.0	0.0	-923.12	-4.28	-0.69	4.75	20.95	158.14
		-132.69	-26.14	6.22e-04	0.0	68.0	-919.97	-4.28	-0.69	4.75	-26.14	-132.69
3131	2	128.07	17.05	2.63e-03	0.0	0.0	-748.92	-3.46	-0.56	3.84	17.05	128.07
		-107.49	-21.32	5.28e-04	0.0	68.0	-746.50	-3.46	-0.56	3.84	-21.32	-107.49
3131	3	118.81	15.74	2.45e-03	0.0	0.0	-693.07	-3.21	-0.52	3.68	15.74	118.81
		-99.69	-19.51	4.46e-04	0.0	68.0	-690.65	-3.21	-0.52	3.68	-19.51	-99.69
3131	4	99.48	13.01	2.06e-03	0.0	0.0	-580.51	-2.69	-0.43	3.12	13.01	99.48
		-83.33	-15.97	3.03e-04	0.0	68.0	-578.10	-2.69	-0.43	3.12	-15.97	-83.33
3131	5	99.48	13.01	2.06e-03	0.0	0.0	-580.51	-2.69	-0.43	3.12	13.01	99.48
		-83.33	-15.97	3.03e-04	0.0	68.0	-578.10	-2.69	-0.43	3.12	-15.97	-83.33
3132	1	64.98	-3.46	1.34e-03	0.0	0.0	-1238.46	-2.27	0.33	-4.02	-27.14	64.98
		-98.22	-27.14	-2.45e-03	0.0	72.0	-1235.13	-2.27	0.33	-4.02	-3.46	-98.22
3132	2	52.75	-2.80	1.08e-03	0.0	0.0	-1004.65	-1.84	0.27	-3.24	-22.15	52.75
		-79.68	-22.15	-1.98e-03	0.0	72.0	-1002.09	-1.84	0.27	-3.24	-2.80	-79.68
3132	3	48.62	-2.59	9.97e-04	0.0	0.0	-929.36	-1.70	0.25	-3.01	-20.23	48.62
		-73.58	-20.23	-1.85e-03	0.0	72.0	-926.80	-1.70	0.25	-3.01	-2.59	-73.58
3132	4	40.48	-2.19	8.44e-04	0.0	0.0	-778.80	-1.41	0.20	-2.58	-16.55	40.48
		-61.38	-16.55	-1.58e-03	0.0	72.0	-776.24	-1.41	0.20	-2.58	-2.19	-61.38
3132	5	40.48	-2.19	8.44e-04	0.0	0.0	-778.80	-1.41	0.20	-2.58	-16.55	40.48
		-61.38	-16.55	-1.58e-03	0.0	72.0	-776.24	-1.41	0.20	-2.58	-2.19	-61.38
3133	1	0.0	0.0	-3.07e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.05e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3133	2	0.0	0.0	-2.50e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.47e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3133	3	0.0	0.0	-2.31e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.29e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3133	4	0.0	0.0	-1.92e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0

		0.0	0.0	-1.94e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3133	5	0.0	0.0	-1.92e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.94e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3134	1	82.04	14.03	8.62e-03	0.0	0.0	-487.54	3.29	0.13	-0.45	3.95	-181.52
		-181.52	3.95	-2.45e-03	0.0	80.0	-483.84	3.29	0.13	-0.45	14.03	82.04
3134	2	66.68	11.50	6.97e-03	0.0	0.0	-395.47	2.67	0.10	-0.35	3.21	-147.21
		-147.21	3.21	-1.97e-03	0.0	80.0	-392.62	2.67	0.10	-0.35	11.50	66.68
3134	3	61.64	10.18	6.48e-03	0.0	0.0	-366.06	2.48	0.09	-0.35	2.89	-136.36
		-136.36	2.89	-1.88e-03	0.0	80.0	-363.22	2.48	0.09	-0.35	10.18	61.64
3134	4	51.16	8.21	5.52e-03	0.0	0.0	-306.72	2.07	0.07	-0.35	2.47	-114.41
		-114.41	2.47	-1.65e-03	0.0	80.0	-303.88	2.07	0.07	-0.35	8.21	51.16
3134	5	51.16	8.21	5.52e-03	0.0	0.0	-306.72	2.07	0.07	-0.35	2.47	-114.41
		-114.41	2.47	-1.65e-03	0.0	80.0	-303.88	2.07	0.07	-0.35	8.21	51.16
3135	1	122.90	8.15	1.24e-03	0.0	0.0	-923.50	3.97	-0.19	0.27	8.15	-147.26
		-147.26	-4.51	-5.20e-04	0.0	68.0	-920.36	3.97	-0.19	0.27	-4.51	122.90
3135	2	99.59	6.75	1.00e-03	0.0	0.0	-749.21	3.22	-0.16	0.20	6.75	-119.30
		-119.30	-3.89	-3.90e-04	0.0	68.0	-746.79	3.22	-0.16	0.20	-3.89	99.59
3135	3	92.17	5.75	9.37e-04	0.0	0.0	-693.26	2.98	-0.13	0.35	5.75	-110.53
		-110.53	-2.82	-4.60e-04	0.0	68.0	-690.84	2.98	-0.13	0.35	-2.82	92.17
3135	4	78.33	4.35	7.73e-04	0.0	0.0	-580.58	2.53	-0.09	0.25	4.35	-93.94
		-93.94	-1.63	-4.75e-04	0.0	68.0	-578.17	2.53	-0.09	0.25	-1.63	78.33
3135	5	78.33	4.35	7.73e-04	0.0	0.0	-580.58	2.53	-0.09	0.25	4.35	-93.94
		-93.94	-1.63	-4.75e-04	0.0	68.0	-578.17	2.53	-0.09	0.25	-1.63	78.33
3136	1	106.49	-5.35	3.12e-03	0.0	0.0	-1221.98	2.51	3.31e-03	-1.45	-5.59	-74.44
		-74.44	-5.59	-1.17e-03	0.0	72.0	-1218.65	2.51	3.31e-03	-1.45	-5.35	106.49
3136	2	86.47	-4.33	2.51e-03	0.0	0.0	-991.39	2.04	6.28e-03	-1.17	-4.78	-60.50
		-60.50	-4.78	-9.41e-04	0.0	72.0	-988.83	2.04	6.28e-03	-1.17	-4.33	86.47
3136	3	80.25	-3.59	2.32e-03	0.0	0.0	-916.87	1.90	-5.77e-03	-1.08	-3.59	-56.20
		-56.20	-4.00	-8.80e-04	0.0	72.0	-914.30	1.90	-5.77e-03	-1.08	-4.00	80.25
3136	4	67.25	-2.32	1.98e-03	0.0	0.0	-768.90	1.59	-0.02	-0.93	-2.32	-46.89
		-46.89	-3.44	-7.53e-04	0.0	72.0	-766.34	1.59	-0.02	-0.93	-3.44	67.25
3136	5	67.25	-2.32	1.98e-03	0.0	0.0	-768.90	1.59	-0.02	-0.93	-2.32	-46.89
		-46.89	-3.44	-7.53e-04	0.0	72.0	-766.34	1.59	-0.02	-0.93	-3.44	67.25
3137	1	0.0	0.0	6.70e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.45e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3137	2	0.0	0.0	5.42e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.18e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3137	3	0.0	0.0	5.02e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.08e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3137	4	0.0	0.0	4.24e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-9.00e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3137	5	0.0	0.0	4.24e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-9.00e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3138	1	91.50	8.90	-2.26e-03	0.0	0.0	-1941.65	4.34	-0.32	0.0	8.90	-203.39
		-203.39	-12.52	1.68e-04	0.0	68.0	-1938.51	4.34	-0.32	0.0	-12.52	91.50
3138	2	73.92	7.59	-1.83e-03	0.0	0.0	-1572.89	3.50	-0.27	0.0	7.59	-164.34
		-164.34	-10.54	1.73e-04	0.0	68.0	-1570.47	3.50	-0.27	0.0	-10.54	73.92
3138	3	68.60	5.30	-1.70e-03	0.0	0.0	-1457.46	3.26	-0.19	0.0	5.30	-152.83
		-152.83	-7.93	-3.12e-05	0.0	68.0	-1455.04	3.26	-0.19	0.0	-7.93	68.60
3138	4	58.53	4.11	-1.46e-03	0.0	0.0	-1229.09	2.78	-0.15	0.0	4.11	-130.22
		-130.22	-6.33	-7.76e-05	0.0	68.0	-1226.68	2.78	-0.15	0.0	-6.33	58.53
3138	5	58.53	4.11	-1.46e-03	0.0	0.0	-1229.09	2.78	-0.15	0.0	4.11	-130.22
		-130.22	-6.33	-7.76e-05	0.0	68.0	-1226.68	2.78	-0.15	0.0	-6.33	58.53
3139	1	37.96	23.88	-3.44e-03	0.0	0.0	-1865.79	-0.52	-0.48	0.0	23.88	37.96
		-3.86	-14.31	-6.92e-03	0.0	80.0	-1862.09	-0.52	-0.48	0.0	-14.31	-3.86
3139	2	30.67	19.15	-2.75e-03	0.0	0.0	-1503.71	-0.42	-0.38	0.0	19.15	30.67
		-3.28	-11.40	-5.59e-03	0.0	80.0	-1500.86	-0.42	-0.38	0.0	-11.40	-3.28
3139	3	28.54	18.02	-2.60e-03	0.0	0.0	-1404.78	-0.39	-0.36	0.0	18.02	28.54
		-2.82	-10.82	-5.21e-03	0.0	80.0	-1401.93	-0.39	-0.36	0.0	-10.82	-2.82
3139	4	24.30	15.77	-2.32e-03	0.0	0.0	-1206.87	-0.33	-0.32	0.0	15.77	24.30
		-1.93	-9.68	-4.45e-03	0.0	80.0	-1204.03	-0.33	-0.32	0.0	-9.68	-1.93
3139	5	24.30	15.77	-2.32e-03	0.0	0.0	-1206.87	-0.33	-0.32	0.0	15.77	24.30
		-1.93	-9.68	-4.45e-03	0.0	80.0	-1204.03	-0.33	-0.32	0.0	-9.68	-1.93
3140	1	7.09	-211.82	-7.30e-03	0.0	0.0	-1027.72	0.05	-4.07	0.0	-211.82	1.85
		1.85	-619.25	0.12	0.0	100.0	-1023.10	0.05	-4.07	0.0	-619.25	7.09
3140	2	5.70	-170.54	-5.87e-03	0.0	0.0	-826.98	0.04	-3.28	0.0	-170.54	1.49
		1.49	-498.58	0.09	0.0	100.0	-823.43	0.04	-3.28	0.0	-498.58	5.70
3140	3	5.35	-159.57	-5.50e-03	0.0	0.0	-774.36	0.04	-3.07	0.0	-159.57	1.40
		1.40	-466.48	0.09	0.0	100.0	-770.80	0.04	-3.07	0.0	-466.48	5.35
3140	4	4.66	-137.61	-4.76e-03	0.0	0.0	-669.17	0.03	-2.65	0.0	-137.61	1.22
		1.22	-402.23	0.08	0.0	100.0	-665.62	0.03	-2.65	0.0	-402.23	4.66
3140	5	4.66	-137.61	-4.76e-03	0.0	0.0	-669.17	0.03	-2.65	0.0	-137.61	1.22
		1.22	-402.23	0.08	0.0	100.0	-665.62	0.03	-2.65	0.0	-402.23	4.66
3142	1	0.75	73.07	3.05e-03	0.0	0.0	-1921.84	0.37	-1.22	0.0	73.07	-28.87
		-28.87	-24.89	-9.05e-03	0.0	80.0	-1918.14	0.37	-1.22	0.0	-24.89	0.75
3142	2	0.78	58.72	2.42e-03	0.0	0.0	-1548.87	0.30	-0.98	0.0	58.72	-23.37
		-23.37	-19.89	-7.31e-03	0.0	80.0	-1546.03	0.30	-0.98	0.0	-19.89	0.78



3142	3	0.49	55.12	2.31e-03	0.0	0.0	-1446.96	0.28	-0.92	0.0	55.12	-21.69
		-21.69	-18.83	-6.81e-03	0.0	80.0	-1444.11	0.28	-0.92	0.0	-18.83	0.49
3142	4	-0.10	47.88	2.07e-03	0.0	0.0	-1243.28	0.23	-0.81	0.0	47.88	-18.35
		-18.35	-16.70	-5.82e-03	0.0	80.0	-1240.43	0.23	-0.81	0.0	-16.70	-0.10
3142	5	-0.10	47.88	2.07e-03	0.0	0.0	-1243.28	0.23	-0.81	0.0	47.88	-18.35
		-18.35	-16.70	-5.82e-03	0.0	80.0	-1240.43	0.23	-0.81	0.0	-16.70	-0.10
3143	1	-1.47	283.78	3.86e-03	0.0	0.0	-1234.23	0.28	-1.99	0.0	283.78	-23.98
		-23.98	124.27	-0.06	0.0	80.0	-1230.53	0.28	-1.99	0.0	124.27	-1.47
3143	2	-1.00	228.58	3.08e-03	0.0	0.0	-995.31	0.23	-1.61	0.0	228.58	-19.43
		-19.43	100.10	-0.05	0.0	80.0	-992.46	0.23	-1.61	0.0	100.10	-1.00
3143	3	-1.18	213.73	2.92e-03	0.0	0.0	-928.97	0.21	-1.50	0.0	213.73	-18.01
		-18.01	93.59	-0.05	0.0	80.0	-926.12	0.21	-1.50	0.0	93.59	-1.18
3143	4	-1.53	184.04	2.60e-03	0.0	0.0	-796.39	0.17	-1.29	0.0	184.04	-15.19
		-15.19	80.56	-0.04	0.0	80.0	-793.55	0.17	-1.29	0.0	80.56	-1.53
3143	5	-1.53	184.04	2.60e-03	0.0	0.0	-796.39	0.17	-1.29	0.0	184.04	-15.19
		-15.19	80.56	-0.04	0.0	80.0	-793.55	0.17	-1.29	0.0	80.56	-1.53
3144	1	34.86	7.88	-5.69e-03	0.0	0.0	-1390.83	-0.40	0.04	0.0	4.58	34.86
		3.23	4.58	-0.01	0.0	80.0	-1387.13	-0.40	0.04	0.0	7.88	3.23
3144	2	28.18	6.42	-4.56e-03	0.0	0.0	-1122.06	-0.32	0.03	0.0	3.66	28.18
		2.42	3.66	-0.01	0.0	80.0	-1119.22	-0.32	0.03	0.0	6.42	2.42
3144	3	26.22	5.94	-4.30e-03	0.0	0.0	-1046.73	-0.30	0.03	0.0	3.44	26.22
		2.50	3.44	-0.01	0.0	80.0	-1043.88	-0.30	0.03	0.0	5.94	2.50
3144	4	22.29	4.94	-3.78e-03	0.0	0.0	-895.94	-0.24	0.02	0.0	3.03	22.29
		2.71	3.03	-9.12e-03	0.0	80.0	-893.10	-0.24	0.02	0.0	4.94	2.71
3144	5	22.29	4.94	-3.78e-03	0.0	0.0	-895.94	-0.24	0.02	0.0	3.03	22.29
		2.71	3.03	-9.12e-03	0.0	80.0	-893.10	-0.24	0.02	0.0	4.94	2.71
3145	1	43.38	28.38	-4.38e-03	0.0	0.0	-2037.67	-0.57	-0.58	0.0	28.38	43.38
		-2.43	-18.18	-6.61e-03	0.0	80.0	-2033.97	-0.57	-0.58	0.0	-18.18	-2.43
3145	2	35.04	22.77	-3.50e-03	0.0	0.0	-1642.94	-0.46	-0.47	0.0	22.77	35.04
		-2.14	-14.51	-5.34e-03	0.0	80.0	-1640.09	-0.46	-0.47	0.0	-14.51	-2.14
3145	3	32.63	21.41	-3.31e-03	0.0	0.0	-1533.74	-0.43	-0.44	0.0	21.41	32.63
		-1.76	-13.73	-4.98e-03	0.0	80.0	-1530.90	-0.43	-0.44	0.0	-13.73	-1.76
3145	4	27.81	18.73	-2.93e-03	0.0	0.0	-1315.70	-0.36	-0.39	0.0	18.73	27.81
		-0.97	-12.19	-4.25e-03	0.0	80.0	-1312.86	-0.36	-0.39	0.0	-12.19	-0.97
3145	5	27.81	18.73	-2.93e-03	0.0	0.0	-1315.70	-0.36	-0.39	0.0	18.73	27.81
		-0.97	-12.19	-4.25e-03	0.0	80.0	-1312.86	-0.36	-0.39	0.0	-12.19	-0.97
3148	1	1.80	80.98	3.94e-03	0.0	0.0	-1980.52	0.62	-1.36	0.0	80.98	-47.43
		-47.43	-28.16	-8.91e-03	0.0	80.0	-1976.82	0.62	-1.36	0.0	-28.16	1.80
3148	2	1.62	65.08	3.15e-03	0.0	0.0	-1596.83	0.50	-1.09	0.0	65.08	-38.29
		-38.29	-22.52	-7.19e-03	0.0	80.0	-1593.99	0.50	-1.09	0.0	-22.52	1.62
3148	3	1.26	61.08	2.98e-03	0.0	0.0	-1491.01	0.46	-1.03	0.0	61.08	-35.68
		-35.68	-21.29	-6.70e-03	0.0	80.0	-1488.16	0.46	-1.03	0.0	-21.29	1.26
3148	4	0.57	53.08	2.65e-03	0.0	0.0	-1279.29	0.39	-0.90	0.0	53.08	-30.46
		-30.46	-18.85	-5.72e-03	0.0	80.0	-1276.45	0.39	-0.90	0.0	-18.85	0.57
3148	5	0.57	53.08	2.65e-03	0.0	0.0	-1279.29	0.39	-0.90	0.0	53.08	-30.46
		-30.46	-18.85	-5.72e-03	0.0	80.0	-1276.45	0.39	-0.90	0.0	-18.85	0.57
3149	1	-5.44	285.44	5.44e-03	0.0	0.0	-1402.69	0.40	-2.04	0.0	285.44	-37.65
		-37.65	122.49	-0.06	0.0	80.0	-1399.00	0.40	-2.04	0.0	122.49	-5.44
3149	2	-4.20	229.91	4.35e-03	0.0	0.0	-1131.61	0.33	-1.64	0.0	229.91	-30.42
		-30.42	98.66	-0.05	0.0	80.0	-1128.77	0.33	-1.64	0.0	98.66	-4.20
3149	3	-4.20	214.98	4.11e-03	0.0	0.0	-1055.57	0.30	-1.53	0.0	214.98	-28.31
		-28.31	92.25	-0.05	0.0	80.0	-1052.73	0.30	-1.53	0.0	92.25	-4.20
3149	4	-4.15	185.11	3.62e-03	0.0	0.0	-903.61	0.25	-1.32	0.0	185.11	-24.10
		-24.10	79.40	-0.04	0.0	80.0	-900.77	0.25	-1.32	0.0	79.40	-4.15
3149	5	-4.15	185.11	3.62e-03	0.0	0.0	-903.61	0.25	-1.32	0.0	185.11	-24.10
		-24.10	79.40	-0.04	0.0	80.0	-900.77	0.25	-1.32	0.0	79.40	-4.15
3150	1	10.23	7.36	-5.82e-03	0.0	0.0	-1448.63	0.30	0.03	0.0	4.91	-14.14
		-14.14	4.91	-0.01	0.0	80.0	-1444.93	0.30	0.03	0.0	7.36	10.23
3150	2	8.16	6.00	-4.68e-03	0.0	0.0	-1169.02	0.24	0.03	0.0	3.92	-11.37
		-11.37	3.92	-0.01	0.0	80.0	-1166.18	0.24	0.03	0.0	6.00	8.16
3150	3	7.75	5.55	-4.38e-03	0.0	0.0	-1090.05	0.23	0.02	0.0	3.68	-10.66
		-10.66	3.68	-0.01	0.0	80.0	-1087.20	0.23	0.02	0.0	5.55	7.75
3150	4	6.92	4.62	-3.80e-03	0.0	0.0	-932.02	0.20	0.02	0.0	3.23	-9.24
		-9.24	3.23	-9.10e-03	0.0	80.0	-929.18	0.20	0.02	0.0	4.62	6.92
3150	5	6.92	4.62	-3.80e-03	0.0	0.0	-932.02	0.20	0.02	0.0	3.23	-9.24
		-9.24	3.23	-9.10e-03	0.0	80.0	-929.18	0.20	0.02	0.0	4.62	6.92
3151	1	2.72	35.48	-4.27e-03	0.0	0.0	-2125.67	0.08	-0.74	0.0	35.48	-3.88
		-3.88	-23.88	-6.03e-03	0.0	80.0	-2121.98	0.08	-0.74	0.0	-23.88	2.72
3151	2	2.09	28.54	-3.43e-03	0.0	0.0	-1715.34	0.06	-0.60	0.0	28.54	-3.07
		-3.07	-19.14	-4.87e-03	0.0	80.0	-1712.50	0.06	-0.60	0.0	-19.14	2.09
3151	3	2.10	26.74	-3.22e-03	0.0	0.0	-1599.43	0.06	-0.56	0.0	26.74	-2.95
		-2.95	-18.01	-4.54e-03	0.0	80.0	-1596.59	0.06	-0.56	0.0	-18.01	2.10
3151	4	2.14	23.18	-2.81e-03	0.0	0.0	-1367.67	0.06	-0.49	0.0	23.18	-2.69
		-2.69	-15.77	-3.88e-03	0.0	80.0	-1364.83	0.06	-0.49	0.0	-15.77	2.14
3151	5	2.14	23.18	-2.81e-03	0.0	0.0	-1367.67	0.06	-0.49	0.0	23.18	-2.69
		-2.69	-15.77	-3.88e-03	0.0	80.0	-1364.83	0.06	-0.49	0.0	-15.77	2.14
3154	1	10.63	94.16	4.14e-03	0.0	0.0	-2148.94	-0.19	-1.65	0.0	94.16	10.63

		-4.78	-37.82	-7.85e-03	0.0	80.0	-2145.25	-0.19	-1.65	0.0	-37.82	-4.78
3154	2	8.52	75.74	3.32e-03	0.0	0.0	-1733.96	-0.15	-1.33	0.0	75.74	8.52
		-3.72	-30.33	-6.33e-03	0.0	80.0	-1731.12	-0.15	-1.33	0.0	-30.33	-3.72
3154	3	8.03	70.99	3.12e-03	0.0	0.0	-1617.09	-0.15	-1.24	0.0	70.99	8.03
		-3.66	-28.56	-5.90e-03	0.0	80.0	-1614.25	-0.15	-1.24	0.0	-28.56	-3.66
3154	4	7.04	61.50	2.73e-03	0.0	0.0	-1383.29	-0.13	-1.08	0.0	61.50	7.04
		-3.52	-25.04	-5.04e-03	0.0	80.0	-1380.44	-0.13	-1.08	0.0	-25.04	-3.52
3154	5	7.04	61.50	2.73e-03	0.0	0.0	-1383.29	-0.13	-1.08	0.0	61.50	7.04
		-3.52	-25.04	-5.04e-03	0.0	80.0	-1380.44	-0.13	-1.08	0.0	-25.04	-3.52
3155	1	21.73	287.83	5.81e-03	0.0	0.0	-1456.24	-0.43	-2.10	0.0	287.83	21.73
		-12.98	120.01	-0.06	0.0	80.0	-1452.54	-0.43	-2.10	0.0	120.01	-12.98
3155	2	17.48	231.84	4.67e-03	0.0	0.0	-1175.11	-0.35	-1.69	0.0	231.84	17.48
		-10.34	96.66	-0.05	0.0	80.0	-1172.26	-0.35	-1.69	0.0	96.66	-10.34
3155	3	16.37	216.78	4.38e-03	0.0	0.0	-1095.74	-0.33	-1.58	0.0	216.78	16.37
		-9.82	90.38	-0.05	0.0	80.0	-1092.90	-0.33	-1.58	0.0	90.38	-9.82
3155	4	14.16	186.66	3.80e-03	0.0	0.0	-937.02	-0.29	-1.36	0.0	186.66	14.16
		-8.77	77.79	-0.04	0.0	80.0	-934.18	-0.29	-1.36	0.0	77.79	-8.77
3155	5	14.16	186.66	3.80e-03	0.0	0.0	-937.02	-0.29	-1.36	0.0	186.66	14.16
		-8.77	77.79	-0.04	0.0	80.0	-934.18	-0.29	-1.36	0.0	77.79	-8.77
3156	1	10.77	6.24	-5.88e-03	0.0	0.0	-1474.06	0.32	7.50e-03	0.0	5.64	-15.11
		-15.11	5.64	-0.01	0.0	80.0	-1470.37	0.32	7.50e-03	0.0	6.24	10.77
3156	2	8.59	5.09	-4.73e-03	0.0	0.0	-1189.62	0.26	7.13e-03	0.0	4.52	-12.15
		-12.15	4.52	-0.01	0.0	80.0	-1186.78	0.26	7.13e-03	0.0	5.09	8.59
3156	3	8.15	4.71	-4.43e-03	0.0	0.0	-1109.13	0.24	5.92e-03	0.0	4.23	-11.40
		-11.40	4.23	-0.01	0.0	80.0	-1106.29	0.24	5.92e-03	0.0	4.71	8.15
3156	4	7.28	3.91	-3.85e-03	0.0	0.0	-948.12	0.21	2.60e-03	0.0	3.70	-9.90
		-9.90	3.70	-9.05e-03	0.0	80.0	-945.27	0.21	2.60e-03	0.0	3.91	7.28
3156	5	7.28	3.91	-3.85e-03	0.0	0.0	-948.12	0.21	2.60e-03	0.0	3.70	-9.90
		-9.90	3.70	-9.05e-03	0.0	80.0	-945.27	0.21	2.60e-03	0.0	3.91	7.28
3157	1	3.11	41.72	-4.29e-03	0.0	0.0	-2171.98	0.10	-0.88	0.0	41.72	-4.59
		-4.59	-28.74	-5.52e-03	0.0	80.0	-2168.29	0.10	-0.88	0.0	-28.74	3.11
3157	2	2.40	33.62	-3.44e-03	0.0	0.0	-1753.15	0.08	-0.71	0.0	33.62	-3.64
		-3.64	-23.11	-4.45e-03	0.0	80.0	-1750.30	0.08	-0.71	0.0	-23.11	2.40
3157	3	2.39	31.42	-3.24e-03	0.0	0.0	-1634.19	0.07	-0.66	0.0	31.42	-3.48
		-3.48	-21.65	-4.16e-03	0.0	80.0	-1631.34	0.07	-0.66	0.0	-21.65	2.39
3157	4	2.38	27.04	-2.83e-03	0.0	0.0	-1396.24	0.07	-0.57	0.0	27.04	-3.15
		-3.15	-18.76	-3.57e-03	0.0	80.0	-1393.39	0.07	-0.57	0.0	-18.76	2.38
3157	5	2.38	27.04	-2.83e-03	0.0	0.0	-1396.24	0.07	-0.57	0.0	27.04	-3.15
		-3.15	-18.76	-3.57e-03	0.0	80.0	-1393.39	0.07	-0.57	0.0	-18.76	2.38
3164	1	205.50	44.08	7.61e-03	0.0	0.0	-1896.92	-4.46	-1.65	0.0	44.08	205.50
		-97.88	-68.44	3.97e-03	0.0	68.0	-1893.77	-4.46	-1.65	0.0	-68.44	-97.88
3164	2	166.11	35.93	6.15e-03	0.0	0.0	-1537.05	-3.61	-1.35	0.0	35.93	166.11
		-79.12	-55.68	3.25e-03	0.0	68.0	-1534.63	-3.61	-1.35	0.0	-55.68	-79.12
3164	3	154.50	33.42	5.73e-03	0.0	0.0	-1424.42	-3.36	-1.25	0.0	33.42	154.50
		-73.66	-51.71	3.00e-03	0.0	68.0	-1422.00	-3.36	-1.25	0.0	-51.71	-73.66
3164	4	131.18	27.58	4.88e-03	0.0	0.0	-1199.28	-2.85	-1.04	0.0	27.58	131.18
		-62.53	-42.86	2.43e-03	0.0	68.0	-1196.87	-2.85	-1.04	0.0	-42.86	-62.53
3164	5	131.18	27.58	4.88e-03	0.0	0.0	-1199.28	-2.85	-1.04	0.0	27.58	131.18
		-62.53	-42.86	2.43e-03	0.0	68.0	-1196.87	-2.85	-1.04	0.0	-42.86	-62.53
3165	1	93.66	6.39	-1.47e-03	0.0	0.0	-1829.45	4.49	-0.20	0.0	6.39	-211.54
		-211.54	-7.18	8.02e-04	0.0	68.0	-1826.30	4.49	-0.20	0.0	-7.18	93.66
3165	2	75.64	5.62	-1.19e-03	0.0	0.0	-1482.58	3.63	-0.18	0.0	5.62	-170.90
		-170.90	-6.35	6.99e-04	0.0	68.0	-1480.16	3.63	-0.18	0.0	-6.35	75.64
3165	3	70.22	3.34	-1.10e-03	0.0	0.0	-1373.92	3.37	-0.11	0.0	3.34	-159.07
		-159.07	-3.86	4.62e-04	0.0	68.0	-1371.51	3.37	-0.11	0.0	-3.86	70.22
3165	4	59.93	2.28	-9.40e-04	0.0	0.0	-1156.76	2.87	-0.07	0.0	2.28	-135.56
		-135.56	-2.51	3.19e-04	0.0	68.0	-1154.34	2.87	-0.07	0.0	-2.51	59.93
3165	5	59.93	2.28	-9.40e-04	0.0	0.0	-1156.76	2.87	-0.07	0.0	2.28	-135.56
		-135.56	-2.51	3.19e-04	0.0	68.0	-1154.34	2.87	-0.07	0.0	-2.51	59.93
3166	1	47.20	11.14	0.02	0.0	0.0	-2128.74	-1.02	-0.06	0.0	11.14	47.20
		-42.98	6.09	-0.01	0.0	88.0	-2124.67	-1.02	-0.06	0.0	6.09	-42.98
3166	2	38.20	8.99	0.01	0.0	0.0	-1721.56	-0.83	-0.05	0.0	8.99	38.20
		-34.73	4.90	-8.42e-03	0.0	88.0	-1718.43	-0.83	-0.05	0.0	4.90	-34.73
3166	3	35.46	8.33	0.01	0.0	0.0	-1600.12	-0.77	-0.04	0.0	8.33	35.46
		-32.32	4.59	-7.88e-03	0.0	88.0	-1596.99	-0.77	-0.04	0.0	4.59	-32.32
3166	4	29.98	7.09	9.63e-03	0.0	0.0	-1357.27	-0.65	-0.04	0.0	7.09	29.98
		-27.51	4.01	-6.79e-03	0.0	88.0	-1354.14	-0.65	-0.04	0.0	4.01	-27.51
3166	5	29.98	7.09	9.63e-03	0.0	0.0	-1357.27	-0.65	-0.04	0.0	7.09	29.98
		-27.51	4.01	-6.79e-03	0.0	88.0	-1354.14	-0.65	-0.04	0.0	4.01	-27.51
3167	1	42.26	-0.86	-0.01	0.0	0.0	-2101.89	0.97	-0.05	0.0	-0.86	-42.94
		-42.94	-5.63	-9.53e-03	0.0	88.0	-2097.82	0.97	-0.05	0.0	-5.63	42.26
3167	2	34.14	-0.63	-0.01	0.0	0.0	-1699.96	0.78	-0.04	0.0	-0.63	-34.79
		-34.79	-4.55	-7.67e-03	0.0	88.0	-1696.83	0.78	-0.04	0.0	-4.55	34.14
3167	3	31.79	-0.67	-9.61e-03	0.0	0.0	-1579.94	0.73	-0.04	0.0	-0.67	-32.27
		-32.27	-4.21	-7.17e-03	0.0	88.0	-1576.81	0.73	-0.04	0.0	-4.21	31.79
3167	4	27.09	-0.82	-8.18e-03	0.0	0.0	-1339.80	0.62	-0.03	0.0	-0.82	-27.20
		-27.20	-3.59	-6.20e-03	0.0	88.0	-1336.67	0.62	-0.03	0.0	-3.59	27.09

3167	5	27.09	-0.82	-8.18e-03	0.0	0.0	-1339.80	0.62	-0.03	0.0	-0.82	-27.20
		-27.20	-3.59	-6.20e-03	0.0	88.0	-1336.67	0.62	-0.03	0.0	-3.59	27.09
3168	1	160.06	44.66	-3.09e-03	0.0	0.0	-455.43	-2.79	0.54	2.42	1.20	160.06
		-62.94	1.20	-2.18e-03	0.0	80.0	-451.73	-2.79	0.54	2.42	44.66	-62.94
3168	2	129.79	36.34	-2.50e-03	0.0	0.0	-369.48	-2.26	0.44	1.95	0.98	129.79
		-51.15	0.98	-1.75e-03	0.0	80.0	-366.63	-2.26	0.44	1.95	36.34	-51.15
3168	3	120.23	33.53	-2.32e-03	0.0	0.0	-341.86	-2.09	0.41	1.87	0.85	120.23
		-47.24	0.85	-1.66e-03	0.0	80.0	-339.02	-2.09	0.41	1.87	33.53	-47.24
3168	4	100.95	27.80	-1.95e-03	0.0	0.0	-287.02	-1.75	0.34	1.58	0.68	100.95
		-39.37	0.68	-1.46e-03	0.0	80.0	-284.17	-1.75	0.34	1.58	27.80	-39.37
3168	5	100.95	27.80	-1.95e-03	0.0	0.0	-287.02	-1.75	0.34	1.58	0.68	100.95
		-39.37	0.68	-1.46e-03	0.0	80.0	-284.17	-1.75	0.34	1.58	27.80	-39.37
3169	1	144.05	42.23	4.07e-03	0.0	0.0	-885.74	-3.88	-1.44	3.53	42.23	144.05
		-119.72	-55.63	2.56e-03	0.0	68.0	-882.60	-3.88	-1.44	3.53	-55.63	-119.72
3169	2	116.76	34.37	3.28e-03	0.0	0.0	-718.84	-3.14	-1.17	2.85	34.37	116.76
		-97.08	-45.31	2.11e-03	0.0	68.0	-716.43	-3.14	-1.17	2.85	-45.31	-97.08
3169	3	108.28	31.70	3.06e-03	0.0	0.0	-664.97	-2.92	-1.08	2.77	31.70	108.28
		-90.04	-41.60	1.90e-03	0.0	68.0	-662.55	-2.92	-1.08	2.77	-41.60	-90.04
3169	4	90.78	26.23	2.60e-03	0.0	0.0	-556.50	-2.44	-0.89	2.36	26.23	90.78
		-75.33	-34.27	1.50e-03	0.0	68.0	-554.08	-2.44	-0.89	2.36	-34.27	-75.33
3169	5	90.78	26.23	2.60e-03	0.0	0.0	-556.50	-2.44	-0.89	2.36	26.23	90.78
		-75.33	-34.27	1.50e-03	0.0	68.0	-554.08	-2.44	-0.89	2.36	-34.27	-75.33
3170	1	55.95	3.63	2.15e-03	0.0	0.0	-1186.88	-1.98	0.84	-0.95	-57.17	55.95
		-86.35	-57.17	-3.53e-03	0.0	72.0	-1183.56	-1.98	0.84	-0.95	3.63	-86.35
3170	2	45.45	2.93	1.73e-03	0.0	0.0	-963.16	-1.61	0.69	-0.76	-46.57	45.45
		-70.11	-46.57	-2.85e-03	0.0	72.0	-960.60	-1.61	0.69	-0.76	2.93	-70.11
3170	3	41.82	2.73	1.61e-03	0.0	0.0	-890.70	-1.48	0.63	-0.71	-42.74	41.82
		-64.67	-42.74	-2.65e-03	0.0	72.0	-888.14	-1.48	0.63	-0.71	2.73	-64.67
3170	4	34.80	2.30	1.38e-03	0.0	0.0	-745.81	-1.23	0.52	-0.63	-35.20	34.80
		-53.93	-35.20	-2.25e-03	0.0	72.0	-743.25	-1.23	0.52	-0.63	2.30	-53.93
3170	5	34.80	2.30	1.38e-03	0.0	0.0	-745.81	-1.23	0.52	-0.63	-35.20	34.80
		-53.93	-35.20	-2.25e-03	0.0	72.0	-743.25	-1.23	0.52	-0.63	2.30	-53.93
3171	1	0.0	0.0	-1.77e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-4.42e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3171	2	0.0	0.0	-1.45e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.58e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3171	3	0.0	0.0	-1.33e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.31e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3171	4	0.0	0.0	-1.07e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.78e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3171	5	0.0	0.0	-1.07e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.78e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3172	1	74.16	34.06	0.01	0.0	0.0	-444.74	3.12	0.40	-0.83	2.13	-175.15
		-175.15	2.13	-2.34e-03	0.0	80.0	-441.04	3.12	0.40	-0.83	34.06	74.16
3172	2	60.39	27.80	8.20e-03	0.0	0.0	-361.07	2.53	0.33	-0.67	1.74	-142.15
		-142.15	1.74	-1.88e-03	0.0	80.0	-358.23	2.53	0.33	-0.67	27.80	60.39
3172	3	55.57	25.17	7.65e-03	0.0	0.0	-333.80	2.34	0.30	-0.64	1.53	-131.44
		-131.44	1.53	-1.79e-03	0.0	80.0	-330.96	2.34	0.30	-0.64	25.17	55.57
3172	4	45.86	20.59	6.52e-03	0.0	0.0	-278.85	1.95	0.24	-0.58	1.35	-110.03
		-110.03	1.35	-1.56e-03	0.0	80.0	-276.01	1.95	0.24	-0.58	20.59	45.86
3172	5	45.86	20.59	6.52e-03	0.0	0.0	-278.85	1.95	0.24	-0.58	1.35	-110.03
		-110.03	1.35	-1.56e-03	0.0	80.0	-276.01	1.95	0.24	-0.58	20.59	45.86
3173	1	131.46	31.10	1.92e-03	0.0	0.0	-872.20	4.23	-0.99	1.59	31.10	-155.91
		-155.91	-35.91	1.49e-03	0.0	68.0	-869.05	4.23	-0.99	1.59	-35.91	131.46
3173	2	106.46	25.41	1.55e-03	0.0	0.0	-708.01	3.42	-0.81	1.26	25.41	-126.24
		-126.24	-29.43	1.24e-03	0.0	68.0	-705.60	3.42	-0.81	1.26	-29.43	106.46
3173	3	98.54	22.93	1.45e-03	0.0	0.0	-654.77	3.17	-0.72	1.34	22.93	-117.00
		-117.00	-26.32	1.04e-03	0.0	68.0	-652.35	3.17	-0.72	1.34	-26.32	98.54
3173	4	83.48	18.60	1.23e-03	0.0	0.0	-547.33	2.69	-0.58	1.09	18.60	-99.15
		-99.15	-21.16	7.72e-04	0.0	68.0	-544.91	2.69	-0.58	1.09	-21.16	83.48
3173	5	83.48	18.60	1.23e-03	0.0	0.0	-547.33	2.69	-0.58	1.09	18.60	-99.15
		-99.15	-21.16	7.72e-04	0.0	68.0	-544.91	2.69	-0.58	1.09	-21.16	83.48
3174	1	111.95	2.75	4.12e-03	0.0	0.0	-1177.84	2.63	0.56	-4.23	-37.61	-77.07
		-77.07	-37.61	-2.36e-03	0.0	72.0	-1174.51	2.63	0.56	-4.23	2.75	111.95
3174	2	90.90	2.23	3.33e-03	0.0	0.0	-955.91	2.13	0.46	-3.41	-30.82	-62.64
		-62.64	-30.82	-1.92e-03	0.0	72.0	-953.35	2.13	0.46	-3.41	2.23	90.90
3174	3	84.30	2.08	3.09e-03	0.0	0.0	-883.89	1.98	0.41	-3.17	-27.56	-58.14
		-58.14	-27.56	-1.78e-03	0.0	72.0	-881.33	1.98	0.41	-3.17	2.08	84.30
3174	4	70.52	1.74	2.64e-03	0.0	0.0	-739.86	1.65	0.33	-2.70	-22.28	-48.39
		-48.39	-22.28	-1.50e-03	0.0	72.0	-737.30	1.65	0.33	-2.70	1.74	70.52
3174	5	70.52	1.74	2.64e-03	0.0	0.0	-739.86	1.65	0.33	-2.70	-22.28	-48.39
		-48.39	-22.28	-1.50e-03	0.0	72.0	-737.30	1.65	0.33	-2.70	1.74	70.52
3175	1	0.0	0.0	7.78e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.92e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3175	2	0.0	0.0	6.30e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.38e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3175	3	0.0	0.0	5.84e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0



		0.0	0.0	-2.17e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3175	4	0.0	0.0	4.94e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.80e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3175	5	0.0	0.0	4.94e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.80e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3178	1	9.85	103.98	4.11e-03	0.0	0.0	-2191.14	-0.16	-1.85	0.0	103.98	9.85
		-3.12	-43.70	-7.12e-03	0.0	80.0	-2187.44	-0.16	-1.85	0.0	-43.70	-3.12
3178	2	7.89	83.72	3.30e-03	0.0	0.0	-1768.60	-0.13	-1.49	0.0	83.72	7.89
		-2.36	-35.14	-5.74e-03	0.0	80.0	-1765.76	-0.13	-1.49	0.0	-35.14	-2.36
3178	3	7.44	78.36	3.11e-03	0.0	0.0	-1648.58	-0.12	-1.39	0.0	78.36	7.44
		-2.41	-32.95	-5.36e-03	0.0	80.0	-1645.73	-0.12	-1.39	0.0	-32.95	-2.41
3178	4	6.55	67.63	2.72e-03	0.0	0.0	-1408.44	-0.11	-1.20	0.0	67.63	6.55
		-2.51	-28.60	-4.59e-03	0.0	80.0	-1405.59	-0.11	-1.20	0.0	-28.60	-2.51
3178	5	6.55	67.63	2.72e-03	0.0	0.0	-1408.44	-0.11	-1.20	0.0	67.63	6.55
		-2.51	-28.60	-4.59e-03	0.0	80.0	-1405.59	-0.11	-1.20	0.0	-28.60	-2.51
3179	1	20.64	289.91	5.75e-03	0.0	0.0	-1479.19	-0.40	-2.14	0.0	289.91	20.64
		-10.99	118.46	-0.06	0.0	80.0	-1475.49	-0.40	-2.14	0.0	118.46	-10.99
3179	2	16.60	233.52	4.62e-03	0.0	0.0	-1193.72	-0.32	-1.73	0.0	233.52	16.60
		-8.72	95.41	-0.05	0.0	80.0	-1190.87	-0.32	-1.73	0.0	95.41	-8.72
3179	3	15.55	218.35	4.33e-03	0.0	0.0	-1112.96	-0.30	-1.61	0.0	218.35	15.55
		-8.33	89.22	-0.05	0.0	80.0	-1110.12	-0.30	-1.61	0.0	89.22	-8.33
3179	4	13.46	188.00	3.76e-03	0.0	0.0	-951.42	-0.26	-1.39	0.0	188.00	13.46
		-7.55	76.81	-0.04	0.0	80.0	-948.57	-0.26	-1.39	0.0	76.81	-7.55
3179	5	13.46	188.00	3.76e-03	0.0	0.0	-951.42	-0.26	-1.39	0.0	188.00	13.46
		-7.55	76.81	-0.04	0.0	80.0	-948.57	-0.26	-1.39	0.0	76.81	-7.55
3180	1	35.26	6.77	-4.97e-03	0.0	0.0	-1480.51	-0.44	-0.03	0.0	6.77	35.26
		-0.07	4.51	-0.01	0.0	80.0	-1476.81	-0.44	-0.03	0.0	4.51	-0.07
3180	2	28.52	5.42	-3.98e-03	0.0	0.0	-1194.82	-0.36	-0.02	0.0	5.42	28.52
		-0.21	3.69	-0.01	0.0	80.0	-1191.98	-0.36	-0.02	0.0	3.69	-0.21
3180	3	26.50	5.08	-3.75e-03	0.0	0.0	-1113.96	-0.33	-0.02	0.0	5.08	26.50
		0.01	3.40	-0.01	0.0	80.0	-1111.12	-0.33	-0.02	0.0	3.40	0.01
3180	4	22.47	4.43	-3.29e-03	0.0	0.0	-952.24	-0.28	-0.02	0.0	4.43	22.47
		0.47	2.78	-8.97e-03	0.0	80.0	-949.39	-0.28	-0.02	0.0	2.78	0.47
3180	5	22.47	4.43	-3.29e-03	0.0	0.0	-952.24	-0.28	-0.02	0.0	4.43	22.47
		0.47	2.78	-8.97e-03	0.0	80.0	-949.39	-0.28	-0.02	0.0	2.78	0.47
3181	1	43.01	45.35	-3.75e-03	0.0	0.0	-2231.53	-0.60	-0.96	0.0	45.35	43.01
		-4.88	-31.56	-5.21e-03	0.0	80.0	-2227.83	-0.60	-0.96	0.0	-31.56	-4.88
3181	2	34.77	36.56	-3.00e-03	0.0	0.0	-1800.25	-0.49	-0.77	0.0	36.56	34.77
		-4.08	-25.40	-4.20e-03	0.0	80.0	-1797.40	-0.49	-0.77	0.0	-25.40	-4.08
3181	3	32.33	34.15	-2.83e-03	0.0	0.0	-1679.31	-0.45	-0.72	0.0	34.15	32.33
		-3.60	-23.77	-3.92e-03	0.0	80.0	-1676.47	-0.45	-0.72	0.0	-23.77	-3.60
3181	4	27.47	29.36	-2.50e-03	0.0	0.0	-1437.50	-0.38	-0.62	0.0	29.36	27.47
		-2.64	-20.53	-3.37e-03	0.0	80.0	-1434.65	-0.38	-0.62	0.0	-20.53	-2.64
3181	5	27.47	29.36	-2.50e-03	0.0	0.0	-1437.50	-0.38	-0.62	0.0	29.36	27.47
		-2.64	-20.53	-3.37e-03	0.0	80.0	-1434.65	-0.38	-0.62	0.0	-20.53	-2.64
3184	1	5.42	108.89	3.41e-03	0.0	0.0	-2308.46	0.55	-1.94	0.0	108.89	-38.25
		-38.25	-46.21	-6.78e-03	0.0	80.0	-2304.76	0.55	-1.94	0.0	-46.21	5.42
3184	2	4.57	87.69	2.72e-03	0.0	0.0	-1862.25	0.44	-1.56	0.0	87.69	-30.97
		-30.97	-37.19	-5.46e-03	0.0	80.0	-1859.40	0.44	-1.56	0.0	-37.19	4.57
3184	3	3.99	82.06	2.58e-03	0.0	0.0	-1737.20	0.41	-1.46	0.0	82.06	-28.74
		-28.74	-34.84	-5.10e-03	0.0	80.0	-1734.36	0.41	-1.46	0.0	-34.84	3.99
3184	4	2.84	70.79	2.30e-03	0.0	0.0	-1486.78	0.34	-1.26	0.0	70.79	-24.29
		-24.29	-30.13	-4.38e-03	0.0	80.0	-1483.94	0.34	-1.26	0.0	-30.13	2.84
3184	5	2.84	70.79	2.30e-03	0.0	0.0	-1486.78	0.34	-1.26	0.0	70.79	-24.29
		-24.29	-30.13	-4.38e-03	0.0	80.0	-1483.94	0.34	-1.26	0.0	-30.13	2.84
3185	1	1.08	292.06	4.56e-03	0.0	0.0	-1475.99	0.40	-2.19	0.0	292.06	-31.00
		-31.00	117.23	-0.06	0.0	80.0	-1472.29	0.40	-2.19	0.0	117.23	1.08
3185	2	1.07	235.26	3.65e-03	0.0	0.0	-1191.24	0.33	-1.76	0.0	235.26	-25.12
		-25.12	94.41	-0.05	0.0	80.0	-1188.40	0.33	-1.76	0.0	94.41	1.07
3185	3	0.73	219.97	3.45e-03	0.0	0.0	-1110.57	0.30	-1.65	0.0	219.97	-23.29
		-23.29	88.29	-0.05	0.0	80.0	-1107.73	0.30	-1.65	0.0	88.29	0.73
3185	4	0.06	189.38	3.04e-03	0.0	0.0	-949.14	0.25	-1.42	0.0	189.38	-19.64
		-19.64	76.03	-0.04	0.0	80.0	-946.29	0.25	-1.42	0.0	76.03	0.06
3185	5	0.06	189.38	3.04e-03	0.0	0.0	-949.14	0.25	-1.42	0.0	189.38	-19.64
		-19.64	76.03	-0.04	0.0	80.0	-946.29	0.25	-1.42	0.0	76.03	0.06
3186	1	28.78	7.93	-8.53e-03	0.0	0.0	-1471.36	-0.22	-0.07	0.0	7.93	28.78
		11.55	2.72	-0.01	0.0	80.0	-1467.66	-0.22	-0.07	0.0	2.72	11.55
3186	2	23.18	6.37	-6.88e-03	0.0	0.0	-1187.18	-0.17	-0.05	0.0	6.37	23.18
		9.26	2.25	-0.01	0.0	80.0	-1184.33	-0.17	-0.05	0.0	2.25	9.26
3186	3	21.68	5.96	-6.43e-03	0.0	0.0	-1107.22	-0.16	-0.05	0.0	5.96	21.68
		8.72	2.06	-0.01	0.0	80.0	-1104.38	-0.16	-0.05	0.0	2.06	8.72
3186	4	18.60	5.19	-5.53e-03	0.0	0.0	-947.13	-0.14	-0.04	0.0	5.19	18.60
		7.69	1.63	-8.90e-03	0.0	80.0	-944.29	-0.14	-0.04	0.0	1.63	7.69
3186	5	18.60	5.19	-5.53e-03	0.0	0.0	-947.13	-0.14	-0.04	0.0	5.19	18.60
		7.69	1.63	-8.90e-03	0.0	80.0	-944.29	-0.14	-0.04	0.0	1.63	7.69
3187	1	35.05	49.48	-7.51e-03	0.0	0.0	-2205.26	-0.34	-1.04	0.0	49.48	35.05
		8.13	-34.01	-5.04e-03	0.0	80.0	-2201.56	-0.34	-1.04	0.0	-34.01	8.13



3187	2	28.21	39.89	-6.06e-03	0.0	0.0	-1778.79	-0.27	-0.84	0.0	39.89	28.21
		6.53	-27.37	-4.07e-03	0.0	80.0	-1775.95	-0.27	-0.84	0.0	-27.37	6.53
3187	3	26.41	37.26	-5.66e-03	0.0	0.0	-1659.78	-0.25	-0.79	0.0	37.26	26.41
		6.14	-25.63	-3.80e-03	0.0	80.0	-1656.93	-0.25	-0.79	0.0	-25.63	6.14
3187	4	22.71	32.04	-4.86e-03	0.0	0.0	-1421.60	-0.22	-0.68	0.0	32.04	22.71
		5.41	-22.14	-3.26e-03	0.0	80.0	-1418.76	-0.22	-0.68	0.0	-22.14	5.41
3187	5	22.71	32.04	-4.86e-03	0.0	0.0	-1421.60	-0.22	-0.68	0.0	32.04	22.71
		5.41	-22.14	-3.26e-03	0.0	80.0	-1418.76	-0.22	-0.68	0.0	-22.14	5.41
3190	1	47.27	122.65	-3.46e-03	0.0	0.0	-2156.16	2.24	-2.18	0.0	122.65	-131.54
		-131.54	-51.93	-6.39e-03	0.0	80.0	-2152.46	2.24	-2.18	0.0	-51.93	47.27
3190	2	38.48	98.73	-2.86e-03	0.0	0.0	-1739.14	1.81	-1.76	0.0	98.73	-106.39
		-106.39	-41.77	-5.16e-03	0.0	80.0	-1736.30	1.81	-1.76	0.0	-41.77	38.48
3190	3	35.43	92.44	-2.58e-03	0.0	0.0	-1623.13	1.68	-1.64	0.0	92.44	-98.90
		-98.90	-39.16	-4.81e-03	0.0	80.0	-1620.28	1.68	-1.64	0.0	-39.16	35.43
3190	4	29.39	79.84	-2.04e-03	0.0	0.0	-1390.82	1.42	-1.42	0.0	79.84	-83.98
		-83.98	-33.93	-4.12e-03	0.0	80.0	-1387.98	1.42	-1.42	0.0	-33.93	29.39
3190	5	29.39	79.84	-2.04e-03	0.0	0.0	-1390.82	1.42	-1.42	0.0	79.84	-83.98
		-83.98	-33.93	-4.12e-03	0.0	80.0	-1387.98	1.42	-1.42	0.0	-33.93	29.39
3191	1	49.74	294.24	-3.30e-03	0.0	0.0	-1426.31	2.26	-2.22	0.0	294.24	-131.26
		-131.26	116.40	-0.06	0.0	80.0	-1422.61	2.26	-2.22	0.0	116.40	49.74
3191	2	40.47	237.01	-2.72e-03	0.0	0.0	-1151.18	1.83	-1.79	0.0	237.01	-106.16
		-106.16	93.74	-0.05	0.0	80.0	-1148.34	1.83	-1.79	0.0	93.74	40.47
3191	3	37.30	221.60	-2.46e-03	0.0	0.0	-1073.19	1.70	-1.67	0.0	221.60	-98.69
		-98.69	87.67	-0.05	0.0	80.0	-1070.34	1.70	-1.67	0.0	87.67	37.30
3191	4	31.01	190.78	-1.94e-03	0.0	0.0	-917.26	1.44	-1.44	0.0	190.78	-83.84
		-83.84	75.50	-0.04	0.0	80.0	-914.42	1.44	-1.44	0.0	75.50	31.01
3191	5	31.01	190.78	-1.94e-03	0.0	0.0	-917.26	1.44	-1.44	0.0	190.78	-83.84
		-83.84	75.50	-0.04	0.0	80.0	-914.42	1.44	-1.44	0.0	75.50	31.01
3192	1	11.42	9.58	-5.84e-03	0.0	0.0	-1491.87	0.36	-0.12	0.0	9.58	-17.73
		-17.73	0.24	-0.01	0.0	80.0	-1488.17	0.36	-0.12	0.0	0.24	11.42
3192	2	9.10	7.70	-4.70e-03	0.0	0.0	-1204.00	0.29	-0.09	0.0	7.70	-14.26
		-14.26	0.24	-0.01	0.0	80.0	-1201.16	0.29	-0.09	0.0	0.24	9.10
3192	3	8.64	7.20	-4.40e-03	0.0	0.0	-1122.53	0.28	-0.09	0.0	7.20	-13.36
		-13.36	0.20	-0.01	0.0	80.0	-1119.69	0.28	-0.09	0.0	0.20	8.64
3192	4	7.73	6.23	-3.82e-03	0.0	0.0	-959.55	0.24	-0.08	0.0	6.23	-11.58
		-11.58	0.06	-8.78e-03	0.0	80.0	-956.71	0.24	-0.08	0.0	0.06	7.73
3192	5	7.73	6.23	-3.82e-03	0.0	0.0	-959.55	0.24	-0.08	0.0	6.23	-11.58
		-11.58	0.06	-8.78e-03	0.0	80.0	-956.71	0.24	-0.08	0.0	0.06	7.73
3193	1	4.00	52.53	-4.27e-03	0.0	0.0	-2209.14	0.14	-1.10	0.0	52.53	-7.39
		-7.39	-35.24	-4.84e-03	0.0	80.0	-2205.45	0.14	-1.10	0.0	-35.24	4.00
3193	2	3.09	42.38	-3.43e-03	0.0	0.0	-1782.83	0.11	-0.88	0.0	42.38	-5.90
		-5.90	-28.38	-3.90e-03	0.0	80.0	-1779.99	0.11	-0.88	0.0	-28.38	3.09
3193	3	3.06	39.55	-3.23e-03	0.0	0.0	-1662.21	0.11	-0.83	0.0	39.55	-5.59
		-5.59	-26.54	-3.65e-03	0.0	80.0	-1659.37	0.11	-0.83	0.0	-26.54	3.06
3193	4	3.02	33.90	-2.82e-03	0.0	0.0	-1420.94	0.10	-0.71	0.0	33.90	-4.99
		-4.99	-22.88	-3.14e-03	0.0	80.0	-1418.09	0.10	-0.71	0.0	-22.88	3.02
3193	5	3.02	33.90	-2.82e-03	0.0	0.0	-1420.94	0.10	-0.71	0.0	33.90	-4.99
		-4.99	-22.88	-3.14e-03	0.0	80.0	-1418.09	0.10	-0.71	0.0	-22.88	3.02
3196	1	7.29	138.32	4.27e-03	0.0	0.0	-2239.94	-0.12	-2.51	0.0	138.32	7.29
		-2.58	-62.27	-5.26e-03	0.0	80.0	-2236.24	-0.12	-2.51	0.0	-62.27	-2.58
3196	2	5.83	111.37	3.43e-03	0.0	0.0	-1807.47	-0.10	-2.02	0.0	111.37	5.83
		-1.94	-50.09	-4.25e-03	0.0	80.0	-1804.62	-0.10	-2.02	0.0	-50.09	-1.94
3196	3	5.51	104.21	3.22e-03	0.0	0.0	-1685.32	-0.09	-1.89	0.0	104.21	5.51
		-2.00	-46.93	-3.96e-03	0.0	80.0	-1682.47	-0.09	-1.89	0.0	-46.93	-2.00
3196	4	4.87	89.91	2.82e-03	0.0	0.0	-1441.49	-0.09	-1.63	0.0	89.91	4.87
		-2.13	-40.64	-3.39e-03	0.0	80.0	-1438.65	-0.09	-1.63	0.0	-40.64	-2.13
3196	5	4.87	89.91	2.82e-03	0.0	0.0	-1441.49	-0.09	-1.63	0.0	89.91	4.87
		-2.13	-40.64	-3.39e-03	0.0	80.0	-1438.65	-0.09	-1.63	0.0	-40.64	-2.13
3197	1	18.87	294.97	6.02e-03	0.0	0.0	-1480.76	-0.37	-2.21	0.0	294.97	18.87
		-11.11	118.20	-0.06	0.0	80.0	-1477.06	-0.37	-2.21	0.0	118.20	-11.11
3197	2	15.16	237.60	4.83e-03	0.0	0.0	-1195.03	-0.30	-1.78	0.0	237.60	15.16
		-8.82	95.20	-0.05	0.0	80.0	-1192.18	-0.30	-1.78	0.0	95.20	-8.82
3197	3	14.22	222.16	4.54e-03	0.0	0.0	-1114.12	-0.28	-1.66	0.0	222.16	14.22
		-8.42	89.01	-0.05	0.0	80.0	-1111.27	-0.28	-1.66	0.0	89.01	-8.42
3197	4	12.34	191.26	3.94e-03	0.0	0.0	-952.44	-0.25	-1.43	0.0	191.26	12.34
		-7.63	76.65	-0.04	0.0	80.0	-949.60	-0.25	-1.43	0.0	76.65	-7.63
3197	5	12.34	191.26	3.94e-03	0.0	0.0	-952.44	-0.25	-1.43	0.0	191.26	12.34
		-7.63	76.65	-0.04	0.0	80.0	-949.60	-0.25	-1.43	0.0	76.65	-7.63
3198	1	11.43	11.37	-5.58e-03	0.0	0.0	-1519.40	0.37	-0.17	0.0	11.37	-17.84
		-17.84	-2.44	-0.01	0.0	80.0	-1515.71	0.37	-0.17	0.0	-2.44	11.43
3198	2	9.11	9.15	-4.48e-03	0.0	0.0	-1226.20	0.29	-0.14	0.0	9.15	-14.34
		-14.34	-1.94	-0.01	0.0	80.0	-1223.35	0.29	-0.14	0.0	-1.94	9.11
3198	3	8.64	8.54	-4.21e-03	0.0	0.0	-1143.24	0.28	-0.13	0.0	8.54	-13.45
		-13.45	-1.82	-0.01	0.0	80.0	-1140.40	0.28	-0.13	0.0	-1.82	8.64
3198	4	7.70	7.37	-3.65e-03	0.0	0.0	-977.37	0.24	-0.11	0.0	7.37	-11.66
		-11.66	-1.64	-8.67e-03	0.0	80.0	-974.53	0.24	-0.11	0.0	-1.64	7.70
3198	5	7.70	7.37	-3.65e-03	0.0	0.0	-977.37	0.24	-0.11	0.0	7.37	-11.66

3199	1	-11.66	-1.64	-8.67e-03	0.0	80.0	-974.53	0.24	-0.11	0.0	-1.64	7.70
		4.10	52.43	-4.01e-03	0.0	0.0	-2224.12	0.15	-1.06	0.0	52.43	-7.52
3199	2	-7.52	-32.60	-4.96e-03	0.0	80.0	-2220.42	0.15	-1.06	0.0	-32.60	4.10
		3.19	42.33	-3.22e-03	0.0	0.0	-1795.15	0.11	-0.86	0.0	42.33	-6.00
3199	3	-6.00	-26.27	-3.99e-03	0.0	80.0	-1792.30	0.11	-0.86	0.0	-26.27	3.19
		3.13	39.45	-3.03e-03	0.0	0.0	-1673.39	0.11	-0.80	0.0	39.45	-5.69
3199	4	-5.69	-24.54	-3.74e-03	0.0	80.0	-1670.54	0.11	-0.80	0.0	-24.54	3.13
		3.02	33.70	-2.64e-03	0.0	0.0	-1429.86	0.10	-0.68	0.0	33.70	-5.05
3199	5	-5.05	-21.09	-3.22e-03	0.0	80.0	-1427.02	0.10	-0.68	0.0	-21.09	3.02
		3.02	33.70	-2.64e-03	0.0	0.0	-1429.86	0.10	-0.68	0.0	33.70	-5.05
3202	1	-5.05	-21.09	-3.22e-03	0.0	80.0	-1427.02	0.10	-0.68	0.0	-21.09	3.02
		7.15	145.90	4.56e-03	0.0	0.0	-2214.04	-0.12	-2.61	0.0	145.90	7.15
3202	2	-2.59	-62.94	-4.96e-03	0.0	80.0	-2210.34	-0.12	-2.61	0.0	-62.94	-2.59
		5.71	117.55	3.66e-03	0.0	0.0	-1787.09	-0.10	-2.10	0.0	117.55	5.71
3202	3	-1.94	-50.70	-3.99e-03	0.0	80.0	-1784.24	-0.10	-2.10	0.0	-50.70	-1.94
		5.40	109.89	3.44e-03	0.0	0.0	-1665.74	-0.09	-1.97	0.0	109.89	5.40
3202	4	-2.01	-47.39	-3.73e-03	0.0	80.0	-1662.90	-0.09	-1.97	0.0	-47.39	-2.01
		4.79	94.57	3.00e-03	0.0	0.0	-1423.08	-0.09	-1.69	0.0	94.57	4.79
3202	5	-2.16	-40.81	-3.22e-03	0.0	80.0	-1420.24	-0.09	-1.69	0.0	-40.81	-2.16
		4.79	94.57	3.00e-03	0.0	0.0	-1423.08	-0.09	-1.69	0.0	94.57	4.79
3203	1	-2.16	-40.81	-3.22e-03	0.0	80.0	-1420.24	-0.09	-1.69	0.0	-40.81	-2.16
		18.80	295.75	6.31e-03	0.0	0.0	-1468.33	-0.38	-2.19	0.0	295.75	18.80
3203	2	-11.24	120.37	-0.06	0.0	80.0	-1464.63	-0.38	-2.19	0.0	120.37	-11.24
		15.12	238.24	5.07e-03	0.0	0.0	-1185.00	-0.30	-1.77	0.0	238.24	15.12
3203	3	-8.93	96.93	-0.05	0.0	80.0	-1182.15	-0.30	-1.77	0.0	96.93	-8.93
		14.16	222.74	4.76e-03	0.0	0.0	-1104.79	-0.28	-1.65	0.0	222.74	14.16
3203	4	-8.52	90.66	-0.05	0.0	80.0	-1101.95	-0.28	-1.65	0.0	90.66	-8.52
		12.26	191.73	4.13e-03	0.0	0.0	-944.39	-0.25	-1.42	0.0	191.73	12.26
3203	5	-7.71	78.11	-0.04	0.0	80.0	-941.54	-0.25	-1.42	0.0	78.11	-7.71
		12.26	191.73	4.13e-03	0.0	0.0	-944.39	-0.25	-1.42	0.0	191.73	12.26
3204	1	-7.71	78.11	-0.04	0.0	80.0	-941.54	-0.25	-1.42	0.0	78.11	-7.71
		40.90	13.40	-4.19e-03	0.0	0.0	-1580.40	-0.52	-0.24	0.0	13.40	40.90
3204	2	-1.05	-5.49	-0.01	0.0	80.0	-1576.70	-0.52	-0.24	0.0	-5.49	-1.05
		33.05	10.80	-3.36e-03	0.0	0.0	-1275.35	-0.43	-0.19	0.0	10.80	33.05
3204	3	-0.99	-4.41	-0.01	0.0	80.0	-1272.50	-0.43	-0.19	0.0	-4.41	-0.99
		30.74	10.06	-3.16e-03	0.0	0.0	-1189.17	-0.39	-0.18	0.0	10.06	30.74
3204	4	-0.74	-4.11	-9.91e-03	0.0	80.0	-1186.33	-0.39	-0.18	0.0	-4.11	-0.74
		26.15	8.66	-2.77e-03	0.0	0.0	-1016.82	-0.33	-0.15	0.0	8.66	26.15
3204	5	-0.21	-3.58	-8.54e-03	0.0	80.0	-1013.97	-0.33	-0.15	0.0	-3.58	-0.21
		26.15	8.66	-2.77e-03	0.0	0.0	-1016.82	-0.33	-0.15	0.0	8.66	26.15
3205	1	-0.21	-3.58	-8.54e-03	0.0	80.0	-1013.97	-0.33	-0.15	0.0	-3.58	-0.21
		48.80	50.03	-2.94e-03	0.0	0.0	-2320.07	-0.68	-0.98	0.0	50.03	48.80
3205	2	-5.92	-27.99	-5.26e-03	0.0	80.0	-2316.37	-0.68	-0.98	0.0	-27.99	-5.92
		39.43	40.39	-2.35e-03	0.0	0.0	-1871.70	-0.55	-0.79	0.0	40.39	39.43
3205	3	-4.91	-22.55	-4.24e-03	0.0	80.0	-1868.85	-0.55	-0.79	0.0	-22.55	-4.91
		36.69	37.64	-2.22e-03	0.0	0.0	-1745.92	-0.51	-0.73	0.0	37.64	36.69
3205	4	-4.40	-21.06	-3.96e-03	0.0	80.0	-1743.08	-0.51	-0.73	0.0	-21.06	-4.40
		31.25	32.15	-1.97e-03	0.0	0.0	-1494.46	-0.43	-0.63	0.0	32.15	31.25
3205	5	-3.36	-18.10	-3.42e-03	0.0	80.0	-1491.62	-0.43	-0.63	0.0	-18.10	-3.36
		31.25	32.15	-1.97e-03	0.0	0.0	-1494.46	-0.43	-0.63	0.0	32.15	31.25
3208	1	-3.36	-18.10	-3.42e-03	0.0	80.0	-1491.62	-0.43	-0.63	0.0	-18.10	-3.36
		1.44	146.30	4.83e-03	0.0	0.0	-2338.64	0.41	-2.56	0.0	146.30	-30.96
3208	2	-30.96	-58.17	-5.23e-03	0.0	80.0	-2334.94	0.41	-2.56	0.0	-58.17	1.44
		1.37	117.88	3.86e-03	0.0	0.0	-1886.58	0.33	-2.06	0.0	117.88	-25.12
3208	3	-25.12	-46.89	-4.21e-03	0.0	80.0	-1883.74	0.33	-2.06	0.0	-46.89	1.37
		0.98	110.18	3.65e-03	0.0	0.0	-1760.22	0.30	-1.92	0.0	110.18	-23.25
3208	4	-23.25	-43.79	-3.94e-03	0.0	80.0	-1757.38	0.30	-1.92	0.0	-43.79	0.98
		0.21	94.80	3.22e-03	0.0	0.0	-1507.05	0.25	-1.66	0.0	94.80	-19.50
3208	5	-19.50	-37.61	-3.40e-03	0.0	80.0	-1504.21	0.25	-1.66	0.0	-37.61	0.21
		0.21	94.80	3.22e-03	0.0	0.0	-1507.05	0.25	-1.66	0.0	94.80	-19.50
3209	1	-19.50	-37.61	-3.40e-03	0.0	80.0	-1504.21	0.25	-1.66	0.0	-37.61	0.21
		-3.12	296.02	6.03e-03	0.0	0.0	-1452.48	0.25	-2.15	0.0	296.02	-23.36
3209	2	-23.36	123.77	-0.06	0.0	80.0	-1448.78	0.25	-2.15	0.0	123.77	-3.12
		-2.32	238.47	4.83e-03	0.0	0.0	-1172.32	0.21	-1.74	0.0	238.47	-18.97
3209	3	-18.97	99.65	-0.05	0.0	80.0	-1169.47	0.21	-1.74	0.0	99.65	-2.32
		-2.46	222.94	4.56e-03	0.0	0.0	-1092.87	0.19	-1.62	0.0	222.94	-17.52
3209	4	-17.52	93.22	-0.05	0.0	80.0	-1090.03	0.19	-1.62	0.0	93.22	-2.46
		-2.70	191.86	4.00e-03	0.0	0.0	-933.90	0.15	-1.39	0.0	191.86	-14.63
3209	5	-14.63	80.36	-0.04	0.0	80.0	-931.05	0.15	-1.39	0.0	80.36	-2.70
		-2.70	191.86	4.00e-03	0.0	0.0	-933.90	0.15	-1.39	0.0	191.86	-14.63
3210	1	-14.63	80.36	-0.04	0.0	80.0	-931.05	0.15	-1.39	0.0	80.36	-2.70
		47.29	15.64	-3.11e-03	0.0	0.0	-1707.85	-0.63	-0.31	0.0	15.64	47.29
3210	2	-3.21	-8.82	-0.01	0.0	80.0	-1704.15	-0.63	-0.31	0.0	-8.82	-3.21
		38.23	12.61	-2.49e-03	0.0	0.0	-1378.18	-0.51	-0.25	0.0	12.61	38.23
3210	3	-2.74	-7.11	-0.01	0.0	80.0	-1375.34	-0.51	-0.25	0.0	-7.11	-2.74
		35.55	11.74	-2.35e-03	0.0	0.0	-1285.05	-0.47	-0.23	0.0	11.74	35.55
		-2.36	-6.61	-9.75e-03	0.0	80.0	-1282.20	-0.47	-0.23	0.0	-6.61	-2.36

3210	4	30.24	10.08	-2.08e-03	0.0	0.0	-1098.87	-0.40	-0.20	0.0	10.08	30.24
		-1.59	-5.69	-8.39e-03	0.0	80.0	-1096.02	-0.40	-0.20	0.0	-5.69	-1.59
3210	5	30.24	10.08	-2.08e-03	0.0	0.0	-1098.87	-0.40	-0.20	0.0	10.08	30.24
		-1.59	-5.69	-8.39e-03	0.0	80.0	-1096.02	-0.40	-0.20	0.0	-5.69	-1.59
3211	1	57.32	47.87	-1.62e-03	0.0	0.0	-2439.53	-0.84	-0.89	0.0	47.87	57.32
		-10.04	-23.16	-5.57e-03	0.0	80.0	-2435.83	-0.84	-0.89	0.0	-23.16	-10.04
3211	2	46.32	38.62	-1.29e-03	0.0	0.0	-1968.12	-0.68	-0.72	0.0	38.62	46.32
		-8.25	-18.61	-4.49e-03	0.0	80.0	-1965.28	-0.68	-0.72	0.0	-18.61	-8.25
3211	3	43.10	36.01	-1.23e-03	0.0	0.0	-1835.89	-0.63	-0.67	0.0	36.01	43.10
		-7.50	-17.42	-4.20e-03	0.0	80.0	-1833.05	-0.63	-0.67	0.0	-17.42	-7.50
3211	4	36.68	30.83	-1.11e-03	0.0	0.0	-1571.38	-0.53	-0.57	0.0	30.83	36.68
		-5.97	-15.11	-3.61e-03	0.0	80.0	-1568.54	-0.53	-0.57	0.0	-15.11	-5.97
3211	5	36.68	30.83	-1.11e-03	0.0	0.0	-1571.38	-0.53	-0.57	0.0	30.83	36.68
		-5.97	-15.11	-3.61e-03	0.0	80.0	-1568.54	-0.53	-0.57	0.0	-15.11	-5.97
3214	1	-6.12	156.61	8.05e-03	0.0	0.0	-2172.23	0.52	-2.61	0.0	156.61	-47.47
		-47.47	-52.03	-5.87e-03	0.0	80.0	-2168.53	0.52	-2.61	0.0	-52.03	-6.12
3214	2	-4.75	126.14	6.46e-03	0.0	0.0	-1752.39	0.42	-2.10	0.0	126.14	-38.37
		-38.37	-41.92	-4.73e-03	0.0	80.0	-1749.55	0.42	-2.10	0.0	-41.92	-4.75
3214	3	-4.69	117.96	6.07e-03	0.0	0.0	-1634.49	0.39	-1.96	0.0	117.96	-35.70
		-35.70	-39.18	-4.42e-03	0.0	80.0	-1631.65	0.39	-1.96	0.0	-39.18	-4.69
3214	4	-4.58	101.60	5.29e-03	0.0	0.0	-1399.21	0.32	-1.69	0.0	101.60	-30.34
		-30.34	-33.70	-3.81e-03	0.0	80.0	-1396.37	0.32	-1.69	0.0	-33.70	-4.58
3214	5	-4.58	101.60	5.29e-03	0.0	0.0	-1399.21	0.32	-1.69	0.0	101.60	-30.34
		-30.34	-33.70	-3.81e-03	0.0	80.0	-1396.37	0.32	-1.69	0.0	-33.70	-4.58
3215	1	-14.40	295.82	9.75e-03	0.0	0.0	-1475.92	0.27	-2.09	0.0	295.82	-36.35
		-36.35	128.25	-0.06	0.0	80.0	-1472.22	0.27	-2.09	0.0	128.25	-14.40
3215	2	-11.42	238.32	7.83e-03	0.0	0.0	-1191.19	0.22	-1.69	0.0	238.32	-29.40
		-29.40	103.25	-0.05	0.0	80.0	-1188.35	0.22	-1.69	0.0	103.25	-11.42
3215	3	-10.91	222.78	7.35e-03	0.0	0.0	-1110.49	0.21	-1.58	0.0	222.78	-27.33
		-27.33	96.61	-0.05	0.0	80.0	-1107.65	0.21	-1.58	0.0	96.61	-10.91
3215	4	-9.92	191.69	6.38e-03	0.0	0.0	-949.11	0.17	-1.35	0.0	191.69	-23.17
		-23.17	83.32	-0.04	0.0	80.0	-946.26	0.17	-1.35	0.0	83.32	-9.92
3215	5	-9.92	191.69	6.38e-03	0.0	0.0	-949.11	0.17	-1.35	0.0	191.69	-23.17
		-23.17	83.32	-0.04	0.0	80.0	-946.26	0.17	-1.35	0.0	83.32	-9.92
3216	1	6.14	8.52	-1.91e-03	0.0	0.0	-1362.03	0.21	-0.32	0.0	8.52	-10.39
		-10.39	-17.39	-0.01	0.0	80.0	-1358.33	0.21	-0.32	0.0	-17.39	6.14
3216	2	4.90	6.85	-1.54e-03	0.0	0.0	-1099.32	0.17	-0.26	0.0	6.85	-8.38
		-8.38	-14.02	-0.01	0.0	80.0	-1096.47	0.17	-0.26	0.0	-14.02	4.90
3216	3	4.64	6.38	-1.44e-03	0.0	0.0	-1024.75	0.16	-0.24	0.0	6.38	-7.82
		-7.82	-13.05	-9.72e-03	0.0	80.0	-1021.91	0.16	-0.24	0.0	-13.05	4.64
3216	4	4.13	5.52	-1.24e-03	0.0	0.0	-875.72	0.14	-0.21	0.0	5.52	-6.69
		-6.69	-11.21	-8.37e-03	0.0	80.0	-872.87	0.14	-0.21	0.0	-11.21	4.13
3216	5	4.13	5.52	-1.24e-03	0.0	0.0	-875.72	0.14	-0.21	0.0	5.52	-6.69
		-6.69	-11.21	-8.37e-03	0.0	80.0	-872.87	0.14	-0.21	0.0	-11.21	4.13
3217	1	10.39	48.74	1.38e-03	0.0	0.0	-1783.50	-0.28	-1.09	0.0	48.74	10.39
		-12.36	-38.66	-4.87e-03	0.0	80.0	-1779.80	-0.28	-1.09	0.0	-38.66	-12.36
3217	2	8.38	39.26	1.12e-03	0.0	0.0	-1441.29	-0.23	-0.88	0.0	39.26	8.38
		-10.02	-31.09	-3.93e-03	0.0	80.0	-1438.45	-0.23	-0.88	0.0	-31.09	-10.02
3217	3	7.82	36.68	1.04e-03	0.0	0.0	-1341.09	-0.21	-0.82	0.0	36.68	7.82
		-9.29	-29.09	-3.67e-03	0.0	80.0	-1338.25	-0.21	-0.82	0.0	-29.09	-9.29
3217	4	6.69	31.58	8.81e-04	0.0	0.0	-1140.70	-0.18	-0.71	0.0	31.58	6.69
		-7.80	-25.17	-3.15e-03	0.0	80.0	-1137.86	-0.18	-0.71	0.0	-25.17	-7.80
3217	5	6.69	31.58	8.81e-04	0.0	0.0	-1140.70	-0.18	-0.71	0.0	31.58	6.69
		-7.80	-25.17	-3.15e-03	0.0	80.0	-1137.86	-0.18	-0.71	0.0	-25.17	-7.80
3223	1	52.04	5.45	-0.01	0.0	0.0	-1324.08	1.11	-0.35	0.0	5.45	-45.31
		-45.31	-25.01	1.35e-03	0.0	88.0	-1320.01	1.11	-0.35	0.0	-25.01	52.04
3223	2	42.03	4.17	-0.01	0.0	0.0	-1070.27	0.89	-0.28	0.0	4.17	-36.70
		-36.70	-20.04	1.03e-03	0.0	88.0	-1067.14	0.89	-0.28	0.0	-20.04	42.03
3223	3	39.15	4.21	-0.01	0.0	0.0	-995.51	0.83	-0.26	0.0	4.21	-34.05
		-34.05	-18.84	1.04e-03	0.0	88.0	-992.38	0.83	-0.26	0.0	-18.84	39.15
3223	4	33.38	4.21	-9.58e-03	0.0	0.0	-846.01	0.71	-0.24	0.0	4.21	-28.74
		-28.74	-16.53	1.03e-03	0.0	88.0	-842.88	0.71	-0.24	0.0	-16.53	33.38
3223	5	33.38	4.21	-9.58e-03	0.0	0.0	-846.01	0.71	-0.24	0.0	4.21	-28.74
		-28.74	-16.53	1.03e-03	0.0	88.0	-842.88	0.71	-0.24	0.0	-16.53	33.38
3224	1	40.41	8.76	0.01	0.0	0.0	-1444.39	-0.94	0.14	0.0	-3.44	40.41
		-42.56	-3.44	-9.99e-03	0.0	88.0	-1440.32	-0.94	0.14	0.0	8.76	-42.56
3224	2	32.70	7.06	0.01	0.0	0.0	-1167.49	-0.76	0.11	0.0	-2.81	32.70
		-34.36	-2.81	-8.06e-03	0.0	88.0	-1164.36	-0.76	0.11	0.0	7.06	-34.36
3224	3	30.41	6.58	0.01	0.0	0.0	-1086.01	-0.71	0.10	0.0	-2.63	30.41
		-32.03	-2.63	-7.54e-03	0.0	88.0	-1082.88	-0.71	0.10	0.0	6.58	-32.03
3224	4	25.76	5.63	9.30e-03	0.0	0.0	-923.05	-0.60	0.09	0.0	-2.15	25.76
		-27.31	-2.15	-6.45e-03	0.0	88.0	-919.92	-0.60	0.09	0.0	5.63	-27.31
3224	5	25.76	5.63	9.30e-03	0.0	0.0	-923.05	-0.60	0.09	0.0	-2.15	25.76
		-27.31	-2.15	-6.45e-03	0.0	88.0	-919.92	-0.60	0.09	0.0	5.63	-27.31
3225	1	313.07	24.70	0.02	0.0	0.0	-1445.30	-8.56	-0.93	0.0	24.70	313.07
		-268.98	-38.61	3.83e-03	0.0	68.0	-1442.15	-8.56	-0.93	0.0	-38.61	-268.98
3225	2	253.38	20.28	0.01	0.0	0.0	-1171.35	-6.93	-0.76	0.0	20.28	253.38



3225	3	-217.74	-31.60	3.14e-03	0.0	68.0	-1168.93	-6.93	-0.76	0.0	-31.60	-217.74
		235.23	18.87	0.01	0.0	0.0	-1085.29	-6.43	-0.71	0.0	18.87	235.23
		-202.07	-29.29	2.89e-03	0.0	68.0	-1082.87	-6.43	-0.71	0.0	-29.29	-202.07
3225	4	198.87	15.15	0.01	0.0	0.0	-913.10	-5.43	-0.57	0.0	15.15	198.87
		-170.66	-23.72	2.33e-03	0.0	68.0	-910.68	-5.43	-0.57	0.0	-23.72	-170.66
3225	5	198.87	15.15	0.01	0.0	0.0	-913.10	-5.43	-0.57	0.0	15.15	198.87
		-170.66	-23.72	2.33e-03	0.0	68.0	-910.68	-5.43	-0.57	0.0	-23.72	-170.66
3226	1	143.81	48.15	-3.61e-03	0.0	0.0	-564.31	-2.19	0.60	3.50	0.13	143.81
		-31.64	0.13	-2.14e-03	0.0	80.0	-560.61	-2.19	0.60	3.50	48.15	-31.64
3226	2	116.61	39.19	-2.93e-03	0.0	0.0	-457.58	-1.78	0.49	2.83	0.11	116.61
		-25.75	0.11	-1.72e-03	0.0	80.0	-454.73	-1.78	0.49	2.83	39.19	-25.75
3226	3	107.95	36.14	-2.71e-03	0.0	0.0	-423.63	-1.65	0.45	2.68	0.04	107.95
		-23.71	0.04	-1.63e-03	0.0	80.0	-420.79	-1.65	0.45	2.68	36.14	-23.71
3226	4	90.68	29.85	-2.26e-03	0.0	0.0	-355.69	-1.38	0.37	2.26	0.02	90.68
		-19.71	0.02	-1.42e-03	0.0	80.0	-352.85	-1.38	0.37	2.26	29.85	-19.71
3226	5	90.68	29.85	-2.26e-03	0.0	0.0	-355.69	-1.38	0.37	2.26	0.02	90.68
		-19.71	0.02	-1.42e-03	0.0	80.0	-352.85	-1.38	0.37	2.26	29.85	-19.71
3227	1	215.11	45.15	7.52e-03	0.0	0.0	-551.54	-6.06	-1.40	2.28	45.15	215.11
		-196.95	-49.98	3.22e-03	0.0	68.0	-548.40	-6.06	-1.40	2.28	-49.98	-196.95
3227	2	174.52	36.76	6.08e-03	0.0	0.0	-447.97	-4.92	-1.14	1.84	36.76	174.52
		-159.81	-40.76	2.65e-03	0.0	68.0	-445.55	-4.92	-1.14	1.84	-40.76	-159.81
3227	3	161.41	33.88	5.65e-03	0.0	0.0	-413.72	-4.55	-1.05	1.83	33.88	161.41
		-147.76	-37.34	2.40e-03	0.0	68.0	-411.30	-4.55	-1.05	1.83	-37.34	-147.76
3227	4	135.09	27.92	4.78e-03	0.0	0.0	-345.20	-3.80	-0.86	1.57	27.92	135.09
		-123.56	-30.55	1.91e-03	0.0	68.0	-342.78	-3.80	-0.86	1.57	-30.55	-123.56
3227	5	135.09	27.92	4.78e-03	0.0	0.0	-345.20	-3.80	-0.86	1.57	27.92	135.09
		-123.56	-30.55	1.91e-03	0.0	68.0	-342.78	-3.80	-0.86	1.57	-30.55	-123.56
3228	1	25.72	5.69	1.45e-03	0.0	0.0	-945.09	-1.45	0.79	1.83	-51.33	25.72
		-78.96	-51.33	-1.87e-03	0.0	72.0	-941.76	-1.45	0.79	1.83	5.69	-78.96
3228	2	20.96	4.59	1.16e-03	0.0	0.0	-766.88	-1.18	0.65	1.49	-41.86	20.96
		-64.13	-41.86	-1.51e-03	0.0	72.0	-764.32	-1.18	0.65	1.49	4.59	-64.13
3228	3	19.29	4.28	1.09e-03	0.0	0.0	-709.27	-1.09	0.59	1.38	-38.33	19.29
		-59.25	-38.33	-1.40e-03	0.0	72.0	-706.71	-1.09	0.59	1.38	4.28	-59.25
3228	4	15.97	3.62	9.54e-04	0.0	0.0	-594.03	-0.91	0.49	1.17	-31.38	15.97
		-49.48	-31.38	-1.19e-03	0.0	72.0	-591.47	-0.91	0.49	1.17	3.62	-49.48
3228	5	15.97	3.62	9.54e-04	0.0	0.0	-594.03	-0.91	0.49	1.17	-31.38	15.97
		-49.48	-31.38	-1.19e-03	0.0	72.0	-591.47	-0.91	0.49	1.17	3.62	-49.48
3229	1	0.0	0.0	-3.08e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.74e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3229	2	0.0	0.0	-2.52e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.22e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3229	3	0.0	0.0	-2.31e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.05e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3229	4	0.0	0.0	-1.89e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.71e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3229	5	0.0	0.0	-1.89e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.71e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3230	1	-10.44	42.53	0.02	0.0	0.0	-623.06	1.69	0.52	-1.37	0.95	-146.04
		-146.04	0.95	-2.35e-03	0.0	80.0	-619.36	1.69	0.52	-1.37	42.53	-10.44
3230	2	-8.05	34.69	0.01	0.0	0.0	-505.07	1.38	0.42	-1.11	0.77	-118.54
		-118.54	0.77	-1.89e-03	0.0	80.0	-502.23	1.38	0.42	-1.11	34.69	-8.05
3230	3	-8.02	31.51	0.01	0.0	0.0	-467.83	1.27	0.39	-1.04	0.64	-109.60
		-109.60	0.64	-1.79e-03	0.0	80.0	-464.98	1.27	0.39	-1.04	31.51	-8.02
3230	4	-8.06	25.82	0.01	0.0	0.0	-393.19	1.04	0.31	-0.91	0.62	-91.63
		-91.63	0.62	-1.55e-03	0.0	80.0	-390.35	1.04	0.31	-0.91	25.82	-8.06
3230	5	-8.06	25.82	0.01	0.0	0.0	-393.19	1.04	0.31	-0.91	0.62	-91.63
		-91.63	0.62	-1.55e-03	0.0	80.0	-390.35	1.04	0.31	-0.91	25.82	-8.06
3231	1	401.55	40.62	-6.61e-03	0.0	0.0	-600.26	12.08	-1.21	1.45	40.62	-420.00
		-420.00	-41.50	2.56e-03	0.0	68.0	-597.12	12.08	-1.21	1.45	-41.50	401.55
3231	2	324.74	33.14	-5.34e-03	0.0	0.0	-487.35	9.77	-0.99	1.16	33.14	-339.66
		-339.66	-33.96	2.11e-03	0.0	68.0	-484.93	9.77	-0.99	1.16	-33.96	324.74
3231	3	301.90	30.06	-4.97e-03	0.0	0.0	-450.39	9.08	-0.89	1.24	30.06	-315.76
		-315.76	-30.51	1.84e-03	0.0	68.0	-447.97	9.08	-0.89	1.24	-30.51	301.90
3231	4	256.26	24.51	-4.22e-03	0.0	0.0	-376.31	7.71	-0.72	0.99	24.51	-268.02
		-268.02	-24.64	1.44e-03	0.0	68.0	-373.89	7.71	-0.72	0.99	-24.64	256.26
3231	5	256.26	24.51	-4.22e-03	0.0	0.0	-376.31	7.71	-0.72	0.99	24.51	-268.02
		-268.02	-24.64	1.44e-03	0.0	68.0	-373.89	7.71	-0.72	0.99	-24.64	256.26
3232	1	60.78	5.47	0.01	0.0	0.0	-995.12	0.48	0.67	-3.06	-42.61	25.98
		25.98	-42.61	-1.54e-03	0.0	72.0	-991.79	0.48	0.67	-3.06	5.47	60.78
3232	2	49.49	4.42	8.09e-03	0.0	0.0	-807.28	0.40	0.55	-2.47	-34.87	20.70
		20.70	-34.87	-1.25e-03	0.0	72.0	-804.72	0.40	0.55	-2.47	4.42	49.49
3232	3	45.51	4.12	7.53e-03	0.0	0.0	-746.97	0.36	0.49	-2.28	-31.30	19.71
		19.71	-31.30	-1.16e-03	0.0	72.0	-744.41	0.36	0.49	-2.28	4.12	45.51
3232	4	37.55	3.48	6.42e-03	0.0	0.0	-626.04	0.28	0.40	-1.95	-25.40	17.73
		17.73	-25.40	-9.88e-04	0.0	72.0	-623.48	0.28	0.40	-1.95	3.48	37.55
3232	5	37.55	3.48	6.42e-03	0.0	0.0	-626.04	0.28	0.40	-1.95	-25.40	17.73
		17.73	-25.40	-9.88e-04	0.0	72.0	-623.48	0.28	0.40	-1.95	3.48	37.55



3233	1	0.0	0.0	0.01	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.22e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3233	2	0.0	0.0	0.01	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.81e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3233	3	0.0	0.0	9.55e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.65e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3233	4	0.0	0.0	8.10e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.37e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3233	5	0.0	0.0	8.10e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.37e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3234	1	383.88	9.02	-0.02	0.0	0.0	-1640.85	11.89	-0.26	0.0	9.02	-424.92
		-424.92	-8.75	1.57e-03	0.0	68.0	-1637.71	11.89	-0.26	0.0	-8.75	383.88
3234	2	310.35	7.72	-0.01	0.0	0.0	-1328.94	9.62	-0.23	0.0	7.72	-343.48
		-343.48	-7.60	1.32e-03	0.0	68.0	-1326.53	9.62	-0.23	0.0	-7.60	310.35
3234	3	288.65	5.28	-0.01	0.0	0.0	-1232.24	8.94	-0.15	0.0	5.28	-319.51
		-319.51	-5.03	1.03e-03	0.0	68.0	-1229.82	8.94	-0.15	0.0	-5.03	288.65
3234	4	245.30	4.02	-9.72e-03	0.0	0.0	-1039.26	7.60	-0.11	0.0	4.02	-271.64
		-271.64	-3.56	7.96e-04	0.0	68.0	-1036.84	7.60	-0.11	0.0	-3.56	245.30
3234	5	245.30	4.02	-9.72e-03	0.0	0.0	-1039.26	7.60	-0.11	0.0	4.02	-271.64
		-271.64	-3.56	7.96e-04	0.0	68.0	-1036.84	7.60	-0.11	0.0	-3.56	245.30
3245	1	325.61	7.19	0.02	0.0	0.0	-1561.03	-9.01	-0.20	0.0	7.19	325.61
		-287.00	-6.34	3.51e-03	0.0	68.0	-1557.89	-9.01	-0.20	0.0	-6.34	-287.00
3245	2	263.51	6.07	0.01	0.0	0.0	-1264.77	-7.29	-0.17	0.0	6.07	263.51
		-232.27	-5.40	2.88e-03	0.0	68.0	-1262.35	-7.29	-0.17	0.0	-5.40	-232.27
3245	3	244.59	5.78	0.01	0.0	0.0	-1172.44	-6.77	-0.16	0.0	5.78	244.59
		-215.53	-5.11	2.66e-03	0.0	68.0	-1170.03	-6.77	-0.16	0.0	-5.11	-215.53
3245	4	206.80	4.18	0.01	0.0	0.0	-987.82	-5.72	-0.11	0.0	4.18	206.80
		-182.13	-3.51	2.13e-03	0.0	68.0	-985.40	-5.72	-0.11	0.0	-3.51	-182.13
3245	5	206.80	4.18	0.01	0.0	0.0	-987.82	-5.72	-0.11	0.0	4.18	206.80
		-182.13	-3.51	2.13e-03	0.0	68.0	-985.40	-5.72	-0.11	0.0	-3.51	-182.13
3246	1	161.33	37.51	-4.39e-03	0.0	0.0	-635.44	-2.49	0.46	4.42	0.52	161.33
		-37.89	0.52	-1.98e-03	0.0	80.0	-631.74	-2.49	0.46	4.42	37.51	-37.89
3246	2	130.77	30.54	-3.57e-03	0.0	0.0	-514.91	-2.02	0.38	3.57	0.42	130.77
		-30.81	0.42	-1.58e-03	0.0	80.0	-512.07	-2.02	0.38	3.57	30.54	-30.81
3246	3	121.16	28.17	-3.29e-03	0.0	0.0	-477.08	-1.87	0.35	3.36	0.34	121.16
		-28.46	0.34	-1.51e-03	0.0	80.0	-474.23	-1.87	0.35	3.36	28.17	-28.46
3246	4	101.94	23.21	-2.75e-03	0.0	0.0	-401.45	-1.57	0.29	2.82	0.29	101.94
		-23.75	0.29	-1.32e-03	0.0	80.0	-398.60	-1.57	0.29	2.82	23.21	-23.75
3246	5	101.94	23.21	-2.75e-03	0.0	0.0	-401.45	-1.57	0.29	2.82	0.29	101.94
		-23.75	0.29	-1.32e-03	0.0	80.0	-398.60	-1.57	0.29	2.82	23.21	-23.75
3247	1	239.44	31.26	7.60e-03	0.0	0.0	-622.92	-6.79	-0.66	1.86	31.26	239.44
		-222.32	-13.70	2.77e-03	0.0	68.0	-619.77	-6.79	-0.66	1.86	-13.70	-222.32
3247	2	194.15	25.48	6.14e-03	0.0	0.0	-505.49	-5.51	-0.54	1.51	25.48	194.15
		-180.27	-11.26	2.28e-03	0.0	68.0	-503.07	-5.51	-0.54	1.51	-11.26	-180.27
3247	3	179.61	23.47	5.70e-03	0.0	0.0	-467.35	-5.09	-0.49	1.52	23.47	179.61
		-166.73	-10.14	2.06e-03	0.0	68.0	-464.94	-5.09	-0.49	1.52	-10.14	-166.73
3247	4	150.62	19.22	4.82e-03	0.0	0.0	-391.11	-4.27	-0.40	1.30	19.22	150.62
		-139.75	-7.91	1.62e-03	0.0	68.0	-388.69	-4.27	-0.40	1.30	-7.91	-139.75
3247	5	150.62	19.22	4.82e-03	0.0	0.0	-391.11	-4.27	-0.40	1.30	19.22	150.62
		-139.75	-7.91	1.62e-03	0.0	68.0	-388.69	-4.27	-0.40	1.30	-7.91	-139.75
3248	1	26.55	0.03	8.56e-04	0.0	0.0	-1045.90	-1.56	0.19	2.46	-13.93	26.55
		-85.97	-13.93	2.08e-03	0.0	72.0	-1042.57	-1.56	0.19	2.46	0.03	-85.97
3248	2	21.74	0.01	6.89e-04	0.0	0.0	-848.41	-1.27	0.16	1.98	-11.45	21.74
		-69.90	-11.45	1.70e-03	0.0	72.0	-845.85	-1.27	0.16	1.98	0.01	-69.90
3248	3	20.00	0.03	6.49e-04	0.0	0.0	-785.11	-1.17	0.14	1.86	-10.29	20.00
		-64.59	-10.29	1.55e-03	0.0	72.0	-782.55	-1.17	0.14	1.86	0.03	-64.59
3248	4	16.45	0.03	5.66e-04	0.0	0.0	-658.50	-0.98	0.11	1.61	-8.05	16.45
		-53.90	-8.05	1.26e-03	0.0	72.0	-655.94	-0.98	0.11	1.61	0.03	-53.90
3248	5	16.45	0.03	5.66e-04	0.0	0.0	-658.50	-0.98	0.11	1.61	-8.05	16.45
		-53.90	-8.05	1.26e-03	0.0	72.0	-655.94	-0.98	0.11	1.61	0.03	-53.90
3249	1	0.0	0.0	-4.30e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	1.32e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3249	2	0.0	0.0	-3.50e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	1.08e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3249	3	0.0	0.0	-3.22e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	9.92e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3249	4	0.0	0.0	-2.67e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	8.15e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3249	5	0.0	0.0	-2.67e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	8.15e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3250	1	-7.71	39.46	0.02	0.0	0.0	-657.37	1.83	0.48	-1.90	1.13	-154.10
		-154.10	1.13	-2.28e-03	0.0	80.0	-653.68	1.83	0.48	-1.90	39.46	-7.71
3250	2	-5.87	32.14	0.01	0.0	0.0	-532.83	1.49	0.39	-1.54	0.91	-125.03
		-125.03	0.91	-1.83e-03	0.0	80.0	-529.98	1.49	0.39	-1.54	32.14	-5.87
3250	3	-6.01	29.21	0.01	0.0	0.0	-493.68	1.37	0.36	-1.44	0.78	-115.63
		-115.63	0.78	-1.74e-03	0.0	80.0	-490.83	1.37	0.36	-1.44	29.21	-6.01
3250	4	-6.27	24.02	1.00e-02	0.0	0.0	-415.32	1.13	0.29	-1.22	0.77	-96.83

3250	5	-96.83	0.77	-1.51e-03	0.0	80.0	-412.47	1.13	0.29	-1.22	24.02	-6.27
		-6.27	24.02	1.00e-02	0.0	0.0	-415.32	1.13	0.29	-1.22	0.77	-96.83
		-96.83	0.77	-1.51e-03	0.0	80.0	-412.47	1.13	0.29	-1.22	24.02	-6.27
3251	1	354.26	6.13	0.02	0.0	0.0	-1726.25	-9.74	2.84e-03	0.0	5.94	354.26
		-308.21	5.94	4.01e-03	0.0	68.0	-1723.10	-9.74	2.84e-03	0.0	6.13	-308.21
3251	2	286.45	4.93	0.01	0.0	0.0	-1397.50	-7.88	6.68e-05	0.0	4.93	286.45
		-249.25	4.93	3.27e-03	0.0	68.0	-1395.09	-7.88	6.68e-05	0.0	4.93	-249.25
3251	3	266.25	4.97	0.01	0.0	0.0	-1296.74	-7.32	-0.01	0.0	4.97	266.25
		-231.60	4.12	3.04e-03	0.0	68.0	-1294.32	-7.32	-0.01	0.0	4.12	-231.60
3251	4	225.70	3.87	0.01	0.0	0.0	-1095.48	-6.20	-3.22e-03	0.0	3.87	225.70
		-196.07	3.65	2.47e-03	0.0	68.0	-1093.06	-6.20	-3.22e-03	0.0	3.65	-196.07
3251	5	225.70	3.87	0.01	0.0	0.0	-1095.48	-6.20	-3.22e-03	0.0	3.87	225.70
		-196.07	3.65	2.47e-03	0.0	68.0	-1093.06	-6.20	-3.22e-03	0.0	3.65	-196.07
3252	1	153.09	25.72	-7.46e-03	0.0	0.0	-648.19	-2.17	0.30	4.92	1.79	153.09
		-20.59	1.79	-1.84e-03	0.0	80.0	-644.49	-2.17	0.30	4.92	25.72	-20.59
3252	2	124.10	20.90	-6.04e-03	0.0	0.0	-525.10	-1.76	0.24	3.99	1.45	124.10
		-16.88	1.45	-1.47e-03	0.0	80.0	-522.25	-1.76	0.24	3.99	20.90	-16.88
3252	3	114.92	19.36	-5.61e-03	0.0	0.0	-486.61	-1.63	0.23	3.73	1.29	114.92
		-15.37	1.29	-1.41e-03	0.0	80.0	-483.76	-1.63	0.23	3.73	19.36	-15.37
3252	4	96.61	15.99	-4.74e-03	0.0	0.0	-409.78	-1.36	0.19	3.13	1.11	96.61
		-12.47	1.11	-1.24e-03	0.0	80.0	-406.93	-1.36	0.19	3.13	15.99	-12.47
3252	5	96.61	15.99	-4.74e-03	0.0	0.0	-409.78	-1.36	0.19	3.13	1.11	96.61
		-12.47	1.11	-1.24e-03	0.0	80.0	-406.93	-1.36	0.19	3.13	15.99	-12.47
3253	1	280.86	26.21	7.40e-03	0.0	0.0	-635.68	-7.94	0.16	2.56	15.19	280.86
		-259.39	15.19	2.23e-03	0.0	68.0	-632.54	-7.94	0.16	2.56	26.21	-259.39
3253	2	227.41	21.26	5.98e-03	0.0	0.0	-515.69	-6.43	0.13	2.07	12.38	227.41
		-210.04	12.38	1.83e-03	0.0	68.0	-513.27	-6.43	0.13	2.07	21.26	-210.04
3253	3	210.92	19.75	5.56e-03	0.0	0.0	-476.90	-5.97	0.12	2.05	11.44	210.92
		-194.78	11.44	1.65e-03	0.0	68.0	-474.48	-5.97	0.12	2.05	19.75	-194.78
3253	4	177.60	16.71	4.70e-03	0.0	0.0	-399.46	-5.02	0.11	1.75	9.29	177.60
		-163.88	9.29	1.30e-03	0.0	68.0	-397.04	-5.02	0.11	1.75	16.71	-163.88
3253	5	177.60	16.71	4.70e-03	0.0	0.0	-399.46	-5.02	0.11	1.75	9.29	177.60
		-163.88	9.29	1.30e-03	0.0	68.0	-397.04	-5.02	0.11	1.75	16.71	-163.88
3254	1	11.13	27.03	-1.93e-03	0.0	0.0	-1045.99	-1.16	-0.50	1.10	27.03	11.13
		-72.47	-8.93	6.22e-03	0.0	72.0	-1042.66	-1.16	-0.50	1.10	-8.93	-72.47
3254	2	9.24	21.92	-1.57e-03	0.0	0.0	-848.10	-0.95	-0.40	0.87	21.92	9.24
		-58.92	-7.23	5.08e-03	0.0	72.0	-845.54	-0.95	-0.40	0.87	-7.23	-58.92
3254	3	8.35	20.37	-1.44e-03	0.0	0.0	-785.11	-0.87	-0.38	0.84	20.37	8.35
		-54.41	-6.71	4.66e-03	0.0	72.0	-782.55	-0.87	-0.38	0.84	-6.71	-54.41
3254	4	6.71	17.22	-1.19e-03	0.0	0.0	-659.54	-0.72	-0.32	0.77	17.22	6.71
		-45.46	-5.67	3.82e-03	0.0	72.0	-656.98	-0.72	-0.32	0.77	-5.67	-45.46
3254	5	6.71	17.22	-1.19e-03	0.0	0.0	-659.54	-0.72	-0.32	0.77	17.22	6.71
		-45.46	-5.67	3.82e-03	0.0	72.0	-656.98	-0.72	-0.32	0.77	-5.67	-45.46
3255	1	0.0	0.0	-5.56e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	5.46e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3255	2	0.0	0.0	-4.52e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	4.45e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3255	3	0.0	0.0	-4.17e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	4.09e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3255	4	0.0	0.0	-3.49e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	3.36e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3255	5	0.0	0.0	-3.49e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	3.36e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3256	1	15.68	33.04	0.01	0.0	0.0	-653.31	2.34	0.39	-2.18	2.01	-171.30
		-171.30	2.01	-2.20e-03	0.0	80.0	-649.61	2.34	0.39	-2.18	33.04	15.68
3256	2	12.99	26.82	0.01	0.0	0.0	-529.33	1.90	0.31	-1.78	1.62	-138.87
		-138.87	1.62	-1.77e-03	0.0	80.0	-526.49	1.90	0.31	-1.78	26.82	12.99
3256	3	11.65	24.41	9.51e-03	0.0	0.0	-490.61	1.75	0.29	-1.65	1.45	-128.62
		-128.62	1.45	-1.68e-03	0.0	80.0	-487.76	1.75	0.29	-1.65	24.41	11.65
3256	4	8.87	20.25	8.09e-03	0.0	0.0	-413.31	1.46	0.24	-1.38	1.36	-108.08
		-108.08	1.36	-1.46e-03	0.0	80.0	-410.46	1.46	0.24	-1.38	20.25	8.87
3256	5	8.87	20.25	8.09e-03	0.0	0.0	-413.31	1.46	0.24	-1.38	1.36	-108.08
		-108.08	1.36	-1.46e-03	0.0	80.0	-410.46	1.46	0.24	-1.38	20.25	8.87
3257	1	367.26	25.77	-7.22e-03	0.0	0.0	-634.61	11.04	-0.27	-2.72	25.77	-383.55
		-383.55	7.64	2.57e-03	0.0	68.0	-631.47	11.04	-0.27	-2.72	7.64	367.26
3257	2	297.08	20.92	-5.84e-03	0.0	0.0	-514.97	8.93	-0.22	-2.20	20.92	-310.25
		-310.25	6.27	2.11e-03	0.0	68.0	-512.56	8.93	-0.22	-2.20	6.27	297.08
3257	3	276.03	18.94	-5.43e-03	0.0	0.0	-476.30	8.30	-0.19	-1.89	18.94	-288.27
		-288.27	6.24	1.86e-03	0.0	68.0	-473.89	8.30	-0.19	-1.89	6.24	276.03
3257	4	234.39	15.55	-4.62e-03	0.0	0.0	-399.08	7.05	-0.15	-1.70	15.55	-244.75
		-244.75	5.22	1.47e-03	0.0	68.0	-396.66	7.05	-0.15	-1.70	5.22	234.39
3257	5	234.39	15.55	-4.62e-03	0.0	0.0	-399.08	7.05	-0.15	-1.70	15.55	-244.75
		-244.75	5.22	1.47e-03	0.0	68.0	-396.66	7.05	-0.15	-1.70	5.22	234.39
3258	1	75.29	9.38	7.41e-03	0.0	0.0	-1046.69	0.94	-0.24	7.51	9.38	7.30
		7.30	-8.12	4.47e-03	0.0	72.0	-1043.36	0.94	-0.24	7.51	-8.12	75.29
3258	2	61.16	7.69	5.99e-03	0.0	0.0	-848.71	0.77	-0.20	6.06	7.69	5.67
		5.67	-6.58	3.67e-03	0.0	72.0	-846.15	0.77	-0.20	6.06	-6.58	61.16



3258	3	56.39	7.59	5.57e-03	0.0	0.0	-785.75	0.70	-0.19	5.66	7.59	5.67
		5.67	-6.09	3.34e-03	0.0	72.0	-783.19	0.70	-0.19	5.66	-6.09	56.39
3258	4	46.82	6.20	4.75e-03	0.0	0.0	-659.97	0.57	-0.16	4.81	6.20	5.81
		5.81	-5.17	2.69e-03	0.0	72.0	-657.41	0.57	-0.16	4.81	-5.17	46.82
3258	5	46.82	6.20	4.75e-03	0.0	0.0	-659.97	0.57	-0.16	4.81	6.20	5.81
		5.81	-5.17	2.69e-03	0.0	72.0	-657.41	0.57	-0.16	4.81	-5.17	46.82
3259	1	0.0	0.0	0.01	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	3.52e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3259	2	0.0	0.0	8.78e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	2.89e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3259	3	0.0	0.0	8.15e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	2.65e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3259	4	0.0	0.0	6.90e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	2.12e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3259	5	0.0	0.0	6.90e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	2.12e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3260	1	366.62	42.34	-0.02	0.0	0.0	-1670.84	11.34	-1.30	0.0	42.34	-404.59
		-404.59	-45.77	4.42e-03	0.0	68.0	-1667.69	11.34	-1.30	0.0	-45.77	366.62
3260	2	296.39	34.27	-0.01	0.0	0.0	-1352.74	9.17	-1.05	0.0	34.27	-327.03
		-327.03	-36.93	3.61e-03	0.0	68.0	-1350.32	9.17	-1.05	0.0	-36.93	296.39
3260	3	275.63	30.35	-0.01	0.0	0.0	-1255.17	8.53	-0.93	0.0	30.35	-304.20
		-304.20	-32.99	3.17e-03	0.0	68.0	-1252.75	8.53	-0.93	0.0	-32.99	275.63
3260	4	234.40	26.60	-0.01	0.0	0.0	-1060.12	7.25	-0.82	0.0	26.60	-258.74
		-258.74	-29.21	2.67e-03	0.0	68.0	-1057.70	7.25	-0.82	0.0	-29.21	234.40
3260	5	234.40	26.60	-0.01	0.0	0.0	-1060.12	7.25	-0.82	0.0	26.60	-258.74
		-258.74	-29.21	2.67e-03	0.0	68.0	-1057.70	7.25	-0.82	0.0	-29.21	234.40
3273	1	195.79	19.49	4.66e-03	0.0	0.0	-1966.02	-4.14	0.17	0.0	8.01	195.79
		-85.55	8.01	4.56e-03	0.0	68.0	-1962.87	-4.14	0.17	0.0	19.49	-85.55
3273	2	158.18	15.94	3.77e-03	0.0	0.0	-1592.46	-3.34	0.14	0.0	6.47	158.18
		-69.13	6.47	3.72e-03	0.0	68.0	-1590.05	-3.34	0.14	0.0	15.94	-69.13
3273	3	147.42	14.00	3.51e-03	0.0	0.0	-1477.54	-3.12	0.11	0.0	6.64	147.42
		-64.65	6.64	3.46e-03	0.0	68.0	-1475.13	-3.12	0.11	0.0	14.00	-64.65
3273	4	125.63	11.41	3.00e-03	0.0	0.0	-1246.10	-2.66	0.08	0.0	5.63	125.63
		-55.14	5.63	2.85e-03	0.0	68.0	-1243.68	-2.66	0.08	0.0	11.41	-55.14
3273	5	125.63	11.41	3.00e-03	0.0	0.0	-1246.10	-2.66	0.08	0.0	5.63	125.63
		-55.14	5.63	2.85e-03	0.0	68.0	-1243.68	-2.66	0.08	0.0	11.41	-55.14
3274	1	88.46	48.57	-3.75e-03	0.0	0.0	-1910.85	4.22	-1.30	0.0	48.57	-198.48
		-198.48	-39.50	5.11e-03	0.0	68.0	-1907.71	4.22	-1.30	0.0	-39.50	88.46
3274	2	71.40	39.20	-3.03e-03	0.0	0.0	-1547.86	3.41	-1.04	0.0	39.20	-160.29
		-160.29	-31.62	4.16e-03	0.0	68.0	-1545.44	3.41	-1.04	0.0	-31.62	71.40
3274	3	66.50	35.01	-2.82e-03	0.0	0.0	-1434.74	3.17	-0.93	0.0	35.01	-149.27
		-149.27	-28.29	3.69e-03	0.0	68.0	-1432.32	3.17	-0.93	0.0	-28.29	66.50
3274	4	56.81	30.99	-2.41e-03	0.0	0.0	-1210.02	2.71	-0.84	0.0	30.99	-127.32
		-127.32	-26.03	3.14e-03	0.0	68.0	-1207.61	2.71	-0.84	0.0	-26.03	56.81
3274	5	56.81	30.99	-2.41e-03	0.0	0.0	-1210.02	2.71	-0.84	0.0	30.99	-127.32
		-127.32	-26.03	3.14e-03	0.0	68.0	-1207.61	2.71	-0.84	0.0	-26.03	56.81
3275	1	167.26	17.41	-5.78e-03	0.0	0.0	-483.12	-2.98	0.18	4.91	3.05	167.26
		-71.11	3.05	-1.78e-03	0.0	80.0	-479.42	-2.98	0.18	4.91	17.41	-71.11
3275	2	135.63	14.10	-4.67e-03	0.0	0.0	-391.85	-2.42	0.15	3.98	2.47	135.63
		-57.80	2.47	-1.43e-03	0.0	80.0	-389.01	-2.42	0.15	3.98	14.10	-57.80
3275	3	125.51	13.16	-4.35e-03	0.0	0.0	-362.49	-2.23	0.14	3.72	2.24	125.51
		-53.22	2.24	-1.37e-03	0.0	80.0	-359.65	-2.23	0.14	3.72	13.16	-53.22
3275	4	105.38	10.93	-3.70e-03	0.0	0.0	-304.06	-1.87	0.11	3.10	1.93	105.38
		-44.24	1.93	-1.21e-03	0.0	80.0	-301.21	-1.87	0.11	3.10	10.93	-44.24
3275	5	105.38	10.93	-3.70e-03	0.0	0.0	-304.06	-1.87	0.11	3.10	1.93	105.38
		-44.24	1.93	-1.21e-03	0.0	80.0	-301.21	-1.87	0.11	3.10	10.93	-44.24
3276	1	142.35	57.03	1.38e-03	0.0	0.0	-910.51	-3.81	0.77	3.24	4.72	142.35
		-116.69	4.72	2.00e-03	0.0	68.0	-907.36	-3.81	0.77	3.24	57.03	-116.69
3276	2	115.36	46.41	1.12e-03	0.0	0.0	-738.81	-3.09	0.63	2.63	3.81	115.36
		-94.62	3.81	1.64e-03	0.0	68.0	-736.39	-3.09	0.63	2.63	46.41	-94.62
3276	3	107.13	42.80	1.04e-03	0.0	0.0	-683.41	-2.87	0.58	2.57	3.61	107.13
		-87.91	3.61	1.48e-03	0.0	68.0	-681.00	-2.87	0.58	2.57	42.80	-87.91
3276	4	90.28	35.67	8.88e-04	0.0	0.0	-572.79	-2.42	0.48	2.20	2.85	90.28
		-73.97	2.85	1.17e-03	0.0	68.0	-570.37	-2.42	0.48	2.20	35.67	-73.97
3276	5	90.28	35.67	8.88e-04	0.0	0.0	-572.79	-2.42	0.48	2.20	2.85	90.28
		-73.97	2.85	1.17e-03	0.0	68.0	-570.37	-2.42	0.48	2.20	35.67	-73.97
3277	1	66.38	57.77	3.43e-04	0.0	0.0	-1196.03	-2.24	-0.99	0.48	57.77	-66.38
		-94.93	-13.22	9.73e-03	0.0	72.0	-1192.70	-2.24	-0.99	0.48	-13.22	-94.93
3277	2	53.87	47.00	2.76e-04	0.0	0.0	-970.17	-1.82	-0.80	0.37	47.00	53.87
		-77.01	-10.70	7.93e-03	0.0	72.0	-967.61	-1.82	-0.80	0.37	-10.70	-77.01
3277	3	49.37	43.35	2.43e-04	0.0	0.0	-897.92	-1.67	-0.74	0.38	43.35	49.37
		-70.85	-9.92	7.29e-03	0.0	72.0	-895.36	-1.67	-0.74	0.38	-9.92	-70.85
3277	4	41.13	36.09	2.04e-04	0.0	0.0	-752.95	-1.39	-0.62	0.40	36.09	41.13
		-59.21	-8.40	5.99e-03	0.0	72.0	-750.39	-1.39	-0.62	0.40	-8.40	-59.21
3277	5	41.13	36.09	2.04e-04	0.0	0.0	-752.95	-1.39	-0.62	0.40	36.09	41.13
		-59.21	-8.40	5.99e-03	0.0	72.0	-750.39	-1.39	-0.62	0.40	-8.40	-59.21
3278	1	0.0	0.0	-3.89e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0

		0.0	0.0	9.04e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3278	2	0.0	0.0	-3.16e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	7.37e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3278	3	0.0	0.0	-2.93e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	6.77e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3278	4	0.0	0.0	-2.45e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	5.56e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3278	5	0.0	0.0	-2.45e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	5.56e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3279	1	72.45	27.02	7.00e-03	0.0	0.0	-470.81	2.99	0.30	-2.04	2.91	-166.55
		-166.55	2.91	-2.16e-03	0.0	80.0	-467.11	2.99	0.30	-2.04	27.02	72.45
3279	2	58.93	21.86	5.65e-03	0.0	0.0	-381.95	2.42	0.24	-1.66	2.35	-135.07
		-135.07	2.35	-1.73e-03	0.0	80.0	-379.11	2.42	0.24	-1.66	21.86	58.93
3279	3	54.33	19.90	5.26e-03	0.0	0.0	-353.22	2.24	0.22	-1.55	2.14	-125.02
		-125.02	2.14	-1.65e-03	0.0	80.0	-350.37	2.24	0.22	-1.55	19.90	54.33
3279	4	45.08	16.66	4.48e-03	0.0	0.0	-296.02	1.88	0.18	-1.28	1.95	-104.93
		-104.93	1.95	-1.44e-03	0.0	80.0	-293.18	1.88	0.18	-1.28	16.66	45.08
3279	5	45.08	16.66	4.48e-03	0.0	0.0	-296.02	1.88	0.18	-1.28	1.95	-104.93
		-104.93	1.95	-1.44e-03	0.0	80.0	-293.18	1.88	0.18	-1.28	16.66	45.08
3280	1	128.36	33.22	-6.57e-04	0.0	0.0	-901.03	4.14	0.22	-3.81	18.56	-153.01
		-153.01	18.56	2.52e-03	0.0	68.0	-897.89	4.14	0.22	-3.81	33.22	128.36
3280	2	103.88	27.20	-5.29e-04	0.0	0.0	-730.94	3.35	0.18	-3.09	14.99	-123.82
		-123.82	14.99	2.07e-03	0.0	68.0	-728.52	3.35	0.18	-3.09	27.20	103.88
3280	3	96.29	25.38	-4.95e-04	0.0	0.0	-676.01	3.10	0.17	-2.71	13.55	-114.85
		-114.85	13.55	1.82e-03	0.0	68.0	-673.59	3.10	0.17	-2.71	25.38	96.29
3280	4	81.41	20.78	-4.28e-04	0.0	0.0	-566.72	2.63	0.14	-2.41	11.21	-97.19
		-97.19	11.21	1.46e-03	0.0	68.0	-564.30	2.63	0.14	-2.41	20.78	81.41
3280	5	81.41	20.78	-4.28e-04	0.0	0.0	-566.72	2.63	0.14	-2.41	11.21	-97.19
		-97.19	11.21	1.46e-03	0.0	68.0	-564.30	2.63	0.14	-2.41	20.78	81.41
3281	1	105.28	35.01	1.51e-03	0.0	0.0	-1191.21	2.48	-0.64	9.50	35.01	-73.12
		-73.12	-11.04	7.61e-03	0.0	72.0	-1187.89	2.48	-0.64	9.50	-11.04	105.28
3281	2	85.48	28.66	1.22e-03	0.0	0.0	-966.18	2.01	-0.52	7.67	28.66	-59.45
		-59.45	-8.96	6.23e-03	0.0	72.0	-963.62	2.01	-0.52	7.67	-8.96	85.48
3281	3	79.22	26.76	1.12e-03	0.0	0.0	-894.08	1.87	-0.49	7.15	26.76	-55.07
		-55.07	-8.27	5.69e-03	0.0	72.0	-891.52	1.87	-0.49	7.15	-8.27	79.22
3281	4	66.41	21.74	9.51e-04	0.0	0.0	-750.00	1.56	-0.40	6.08	21.74	-46.01
		-46.01	-7.00	4.61e-03	0.0	72.0	-747.44	1.56	-0.40	6.08	-7.00	66.41
3281	5	66.41	21.74	9.51e-04	0.0	0.0	-750.00	1.56	-0.40	6.08	21.74	-46.01
		-46.01	-7.00	4.61e-03	0.0	72.0	-747.44	1.56	-0.40	6.08	-7.00	66.41
3282	1	0.0	0.0	5.32e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	6.73e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3282	2	0.0	0.0	4.31e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	5.51e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3282	3	0.0	0.0	3.99e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	5.05e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3282	4	0.0	0.0	3.36e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	4.07e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3282	5	0.0	0.0	3.36e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	4.07e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3378	1	0.0	0.0	-1.11e-03	0.0	0.0	-1031.90	-6.23e-03	-1.01	0.0	0.0	0.0
		-0.25	-40.49	-7.07e-03	0.0	40.0	-1030.05	-6.23e-03	-1.01	0.0	-40.49	-0.25
3378	2	0.0	0.0	-8.99e-04	0.0	0.0	-830.09	-4.88e-03	-0.81	0.0	0.0	0.0
		-0.20	-32.59	-5.69e-03	0.0	40.0	-828.66	-4.88e-03	-0.81	0.0	-32.59	-0.20
3378	3	0.0	0.0	-8.33e-04	0.0	0.0	-777.61	-4.75e-03	-0.76	0.0	0.0	0.0
		-0.19	-30.50	-5.33e-03	0.0	40.0	-776.19	-4.75e-03	-0.76	0.0	-30.50	-0.19
3378	4	0.0	0.0	-7.05e-04	0.0	0.0	-672.72	-4.47e-03	-0.66	0.0	0.0	0.0
		-0.18	-26.34	-4.60e-03	0.0	40.0	-671.29	-4.47e-03	-0.66	0.0	-26.34	-0.18
3378	5	0.0	0.0	-7.05e-04	0.0	0.0	-672.72	-4.47e-03	-0.66	0.0	0.0	0.0
		-0.18	-26.34	-4.60e-03	0.0	40.0	-671.29	-4.47e-03	-0.66	0.0	-26.34	-0.18
3379	1	0.0	446.35	-1.11e-03	0.0	0.0	-1487.09	-0.01	11.16	0.0	0.0	0.0
		-0.44	0.0	-0.03	0.0	40.0	-1485.24	-0.01	11.16	0.0	446.35	-0.44
3379	2	0.0	359.23	-8.99e-04	0.0	0.0	-1196.47	-8.77e-03	8.98	0.0	0.0	0.0
		-0.35	0.0	-0.03	0.0	40.0	-1195.04	-8.77e-03	8.98	0.0	359.23	-0.35
3379	3	0.0	336.27	-8.33e-04	0.0	0.0	-1120.51	-8.37e-03	8.41	0.0	0.0	0.0
		-0.33	0.0	-0.02	0.0	40.0	-1119.09	-8.37e-03	8.41	0.0	336.27	-0.33
3379	4	0.0	290.39	-7.05e-04	0.0	0.0	-968.74	-7.57e-03	7.26	0.0	0.0	0.0
		-0.30	0.0	-0.02	0.0	40.0	-967.32	-7.57e-03	7.26	0.0	290.39	-0.30
3379	5	0.0	290.39	-7.05e-04	0.0	0.0	-968.74	-7.57e-03	7.26	0.0	0.0	0.0
		-0.30	0.0	-0.02	0.0	40.0	-967.32	-7.57e-03	7.26	0.0	290.39	-0.30
3380	1	1.38	0.0	-1.31e-03	0.0	0.0	-1514.00	0.03	-4.82	0.0	0.0	0.0
		0.0	-192.77	0.08	0.0	40.0	-1512.16	0.03	-4.82	0.0	-192.77	1.38
3380	2	1.11	0.0	-1.05e-03	0.0	0.0	-1220.13	0.03	-3.88	0.0	0.0	0.0
		0.0	-155.20	0.06	0.0	40.0	-1218.71	0.03	-3.88	0.0	-155.20	1.11
3380	3	1.04	0.0	-9.85e-04	0.0	0.0	-1139.93	0.03	-3.63	0.0	0.0	0.0
		0.0	-145.22	0.06	0.0	40.0	-1138.51	0.03	-3.63	0.0	-145.22	1.04
3380	4	0.91	0.0	-8.54e-04	0.0	0.0	-979.52	0.02	-3.13	0.0	0.0	0.0
		0.0	-125.23	0.05	0.0	40.0	-978.10	0.02	-3.13	0.0	-125.23	0.91



3380	5	0.91	0.0	-8.54e-04	0.0	0.0	-979.52	0.02	-3.13	0.0	0.0	0.0
		0.0	-125.23	0.05	0.0	40.0	-978.10	0.02	-3.13	0.0	-125.23	0.91
3382	1	0.0	1.59	0.02	0.0	0.0	-1697.73	-8.11	0.04	0.0	0.0	0.0
		-324.22	0.0	-7.04e-03	0.0	40.0	-1695.88	-8.11	0.04	0.0	1.59	-324.22
3382	2	0.0	1.28	0.02	0.0	0.0	-1367.44	-6.53	0.03	0.0	0.0	0.0
		-261.00	0.0	-5.67e-03	0.0	40.0	-1366.01	-6.53	0.03	0.0	1.28	-261.00
3382	3	0.0	1.20	0.02	0.0	0.0	-1278.62	-6.11	0.03	0.0	0.0	0.0
		-244.23	0.0	-5.30e-03	0.0	40.0	-1277.19	-6.11	0.03	0.0	1.20	-244.23
3382	4	0.0	1.04	0.01	0.0	0.0	-1100.97	-5.27	0.03	0.0	0.0	0.0
		-210.70	0.0	-4.57e-03	0.0	40.0	-1099.55	-5.27	0.03	0.0	1.04	-210.70
3382	5	0.0	1.04	0.01	0.0	0.0	-1100.97	-5.27	0.03	0.0	0.0	0.0
		-210.70	0.0	-4.57e-03	0.0	40.0	-1099.55	-5.27	0.03	0.0	1.04	-210.70
3499	1	2.04	34.21	-3.26e-03	0.0	0.0	-1482.43	0.05	0.86	0.0	0.0	0.0
		0.0	0.0	-7.17e-03	0.0	40.0	-1480.58	0.05	0.86	0.0	34.21	2.04
3499	2	1.64	27.60	-2.62e-03	0.0	0.0	-1192.73	0.04	0.69	0.0	0.0	0.0
		0.0	0.0	-5.78e-03	0.0	40.0	-1191.31	0.04	0.69	0.0	27.60	1.64
3499	3	1.54	25.75	-2.45e-03	0.0	0.0	-1117.01	0.04	0.64	0.0	0.0	0.0
		0.0	0.0	-5.40e-03	0.0	40.0	-1115.58	0.04	0.64	0.0	25.75	1.54
3499	4	1.34	22.00	-2.12e-03	0.0	0.0	-965.64	0.03	0.55	0.0	0.0	0.0
		0.0	0.0	-4.64e-03	0.0	40.0	-964.22	0.03	0.55	0.0	22.00	1.34
3499	5	1.34	22.00	-2.12e-03	0.0	0.0	-965.64	0.03	0.55	0.0	0.0	0.0
		0.0	0.0	-4.64e-03	0.0	40.0	-964.22	0.03	0.55	0.0	22.00	1.34
3500	1	49.36	202.15	-1.31e-03	0.0	0.0	-442.40	-0.40	-1.69	0.0	202.15	49.36
		9.61	32.84	-0.02	0.0	100.0	-437.78	-0.40	-1.69	0.0	32.84	9.61
3500	2	39.82	162.76	-1.06e-03	0.0	0.0	-357.19	-0.32	-1.36	0.0	162.76	39.82
		7.75	26.38	-0.02	0.0	100.0	-353.64	-0.32	-1.36	0.0	26.38	7.75
3500	3	37.14	152.28	-9.89e-04	0.0	0.0	-332.85	-0.30	-1.28	0.0	152.28	37.14
		7.25	24.76	-0.02	0.0	100.0	-329.29	-0.30	-1.28	0.0	24.76	7.25
3500	4	31.79	131.31	-8.47e-04	0.0	0.0	-283.98	-0.26	-1.10	0.0	131.31	31.79
		6.24	21.50	-0.01	0.0	100.0	-280.43	-0.26	-1.10	0.0	21.50	6.24
3500	5	31.79	131.31	-8.47e-04	0.0	0.0	-283.98	-0.26	-1.10	0.0	131.31	31.79
		6.24	21.50	-0.01	0.0	100.0	-280.43	-0.26	-1.10	0.0	21.50	6.24
3501	1	1.85	0.0	-3.26e-03	0.0	0.0	-1034.19	0.05	-5.30	0.0	0.0	0.0
		0.0	-211.82	0.08	0.0	40.0	-1032.34	0.05	-5.30	0.0	-211.82	1.85
3501	2	1.49	0.0	-2.62e-03	0.0	0.0	-831.96	0.04	-4.26	0.0	0.0	0.0
		0.0	-170.54	0.06	0.0	40.0	-830.54	0.04	-4.26	0.0	-170.54	1.49
3501	3	1.40	0.0	-2.45e-03	0.0	0.0	-779.34	0.03	-3.99	0.0	0.0	0.0
		0.0	-159.57	0.06	0.0	40.0	-777.92	0.03	-3.99	0.0	-159.57	1.40
3501	4	1.22	0.0	-2.12e-03	0.0	0.0	-674.15	0.03	-3.44	0.0	0.0	0.0
		0.0	-137.61	0.05	0.0	40.0	-672.73	0.03	-3.44	0.0	-137.61	1.22
3501	5	1.22	0.0	-2.12e-03	0.0	0.0	-674.15	0.03	-3.44	0.0	0.0	0.0
		0.0	-137.61	0.05	0.0	40.0	-672.73	0.03	-3.44	0.0	-137.61	1.22
3525	1	72.98	-0.23	9.84e-03	0.0	0.0	-1064.95	0.73	0.28	2.23	-20.36	20.20
		20.20	-20.36	1.19e-03	0.0	72.0	-1061.62	0.73	0.28	2.23	-0.23	72.98
3525	2	59.26	-0.19	7.95e-03	0.0	0.0	-863.74	0.60	0.23	1.80	-16.67	16.13
		16.13	-16.67	9.82e-04	0.0	72.0	-861.18	0.60	0.23	1.80	-0.19	59.26
3525	3	54.63	-0.16	7.40e-03	0.0	0.0	-799.45	0.54	0.20	1.70	-14.65	15.43
		15.43	-14.65	8.85e-04	0.0	72.0	-796.89	0.54	0.20	1.70	-0.16	54.63
3525	4	45.42	-0.15	6.31e-03	0.0	0.0	-670.90	0.44	0.16	1.44	-11.82	13.96
		13.96	-11.82	6.88e-04	0.0	72.0	-668.34	0.44	0.16	1.44	-0.15	45.42
3525	5	45.42	-0.15	6.31e-03	0.0	0.0	-670.90	0.44	0.16	1.44	-11.82	13.96
		13.96	-11.82	6.88e-04	0.0	72.0	-668.34	0.44	0.16	1.44	-0.15	45.42
3536	1	302.47	35.31	-7.14e-03	0.0	0.0	-615.77	9.18	1.11	-2.01	-39.87	-321.66
		-321.66	-39.87	-6.47e-03	0.0	68.0	-612.62	9.18	1.11	-2.01	35.31	302.47
3536	2	244.90	28.50	-5.78e-03	0.0	0.0	-499.61	7.43	0.89	-1.64	-32.29	-260.42
		-260.42	-32.29	-5.23e-03	0.0	68.0	-497.19	7.43	0.89	-1.64	28.50	244.90
3536	3	227.38	27.03	-5.37e-03	0.0	0.0	-461.97	6.90	0.84	-1.39	-30.21	-241.81
		-241.81	-30.21	-4.92e-03	0.0	68.0	-459.55	6.90	0.84	-1.39	27.03	227.38
3536	4	192.62	22.97	-4.57e-03	0.0	0.0	-386.79	5.85	0.71	-1.20	-25.37	-204.85
		-204.85	-25.37	-4.18e-03	0.0	68.0	-384.37	5.85	0.71	-1.20	22.97	192.62
3536	5	192.62	22.97	-4.57e-03	0.0	0.0	-386.79	5.85	0.71	-1.20	-25.37	-204.85
		-204.85	-25.37	-4.18e-03	0.0	68.0	-384.37	5.85	0.71	-1.20	22.97	192.62
3540	1	72.88	19.79	4.78e-03	0.0	0.0	-1007.05	1.11	-0.24	-3.04	19.79	-6.73
		-6.73	2.19	-1.14e-03	0.0	72.0	-1003.72	1.11	-0.24	-3.04	2.19	72.88
3540	2	59.20	15.77	3.87e-03	0.0	0.0	-816.66	0.90	-0.19	-2.46	15.77	-5.61
		-5.61	1.77	-9.22e-04	0.0	72.0	-814.10	0.90	-0.19	-2.46	1.77	59.20
3540	3	54.66	15.45	3.59e-03	0.0	0.0	-756.15	0.83	-0.19	-2.28	15.45	-4.93
		-4.93	1.67	-8.54e-04	0.0	72.0	-753.59	0.83	-0.19	-2.28	1.67	54.66
3540	4	45.43	13.73	3.05e-03	0.0	0.0	-634.57	0.68	-0.17	-1.95	13.73	-3.42
		-3.42	1.40	-7.10e-04	0.0	72.0	-632.01	0.68	-0.17	-1.95	1.40	45.43
3540	5	45.43	13.73	3.05e-03	0.0	0.0	-634.57	0.68	-0.17	-1.95	13.73	-3.42
		-3.42	1.40	-7.10e-04	0.0	72.0	-632.01	0.68	-0.17	-1.95	1.40	45.43
3541	1	0.0	0.0	8.10e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.32e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3541	2	0.0	0.0	6.56e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.98e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3541	3	0.0	0.0	6.08e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0

		0.0	0.0	-1.56e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3541	4	0.0	0.0	5.13e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.03e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3541	5	0.0	0.0	5.13e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.03e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3548	1	302.05	123.65	0.01	0.0	0.0	-1017.71	-8.26	2.33	0.0	-34.53	302.05
		-259.87	-34.53	2.49e-03	0.0	68.0	-1014.57	-8.26	2.33	0.0	123.65	-259.87
3548	2	243.90	100.39	9.46e-03	0.0	0.0	-823.52	-6.67	1.89	0.0	-28.03	243.90
		-209.85	-28.03	2.04e-03	0.0	68.0	-821.10	-6.67	1.89	0.0	100.39	-209.85
3548	3	227.05	92.24	8.79e-03	0.0	0.0	-764.82	-6.21	1.73	0.0	-25.34	227.05
		-195.27	-25.34	1.91e-03	0.0	68.0	-762.40	-6.21	1.73	0.0	92.24	-195.27
3548	4	193.85	77.12	7.49e-03	0.0	0.0	-647.39	-5.30	1.45	0.0	-21.21	193.85
		-166.69	-21.21	1.54e-03	0.0	68.0	-644.97	-5.30	1.45	0.0	77.12	-166.69
3548	5	193.85	77.12	7.49e-03	0.0	0.0	-647.39	-5.30	1.45	0.0	-21.21	193.85
		-166.69	-21.21	1.54e-03	0.0	68.0	-644.97	-5.30	1.45	0.0	77.12	-166.69
3549	1	107.95	49.89	-7.15e-03	0.0	0.0	-949.91	3.35	0.52	0.0	14.39	-119.82
		-119.82	14.39	3.53e-03	0.0	68.0	-946.77	3.35	0.52	0.0	49.89	107.95
3549	2	87.34	40.93	-5.78e-03	0.0	0.0	-768.91	2.71	0.43	0.0	11.47	-96.95
		-96.95	11.47	2.88e-03	0.0	68.0	-766.49	2.71	0.43	0.0	40.93	87.34
3549	3	81.29	38.72	-5.39e-03	0.0	0.0	-713.57	2.52	0.43	0.0	9.42	-90.17
		-90.17	9.42	2.51e-03	0.0	68.0	-711.16	2.52	0.43	0.0	38.72	81.29
3549	4	68.77	30.07	-4.58e-03	0.0	0.0	-603.16	2.13	0.30	0.0	9.55	-76.27
		-76.27	9.55	2.15e-03	0.0	68.0	-600.74	2.13	0.30	0.0	30.07	68.77
3549	5	68.77	30.07	-4.58e-03	0.0	0.0	-603.16	2.13	0.30	0.0	9.55	-76.27
		-76.27	9.55	2.15e-03	0.0	68.0	-600.74	2.13	0.30	0.0	30.07	68.77
3555	1	69.55	30.01	4.40e-03	0.0	0.0	-1008.27	0.97	-0.47	0.35	30.01	-0.58
		-0.58	-3.49	-3.82e-03	0.0	72.0	-1004.94	0.97	-0.47	0.35	-3.49	69.55
3555	2	56.49	24.19	3.56e-03	0.0	0.0	-817.53	0.79	-0.38	0.27	24.19	-0.64
		-0.64	-2.83	-3.09e-03	0.0	72.0	-814.97	0.79	-0.38	0.27	-2.83	56.49
3555	3	52.10	23.09	3.30e-03	0.0	0.0	-756.71	0.73	-0.36	0.27	23.09	-0.26
		-0.26	-2.63	-2.87e-03	0.0	72.0	-754.15	0.73	-0.36	0.27	-2.63	52.10
3555	4	43.30	19.69	2.80e-03	0.0	0.0	-635.23	0.59	-0.30	0.24	19.69	0.57
		0.57	-2.20	-2.42e-03	0.0	72.0	-632.67	0.59	-0.30	0.24	-2.20	43.30
3555	5	43.30	19.69	2.80e-03	0.0	0.0	-635.23	0.59	-0.30	0.24	19.69	0.57
		0.57	-2.20	-2.42e-03	0.0	72.0	-632.67	0.59	-0.30	0.24	-2.20	43.30
3556	1	0.0	0.0	7.76e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.50e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3556	2	0.0	0.0	6.29e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.03e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3556	3	0.0	0.0	5.83e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.86e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3556	4	0.0	0.0	4.91e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.56e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3556	5	0.0	0.0	4.91e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.56e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3572	1	34.18	11.21	0.01	0.0	0.0	-2168.20	-0.74	-0.10	0.0	11.21	34.18
		-30.66	2.77	-0.01	0.0	88.0	-2164.13	-0.74	-0.10	0.0	2.77	-30.66
3572	2	27.67	9.04	9.51e-03	0.0	0.0	-1754.35	-0.60	-0.08	0.0	9.04	27.67
		-24.76	2.20	-8.49e-03	0.0	88.0	-1751.22	-0.60	-0.08	0.0	2.20	-24.76
3572	3	25.71	8.37	8.86e-03	0.0	0.0	-1629.30	-0.55	-0.07	0.0	8.37	25.71
		-23.07	2.12	-7.95e-03	0.0	88.0	-1626.17	-0.55	-0.07	0.0	2.12	-23.07
3572	4	21.74	7.11	7.55e-03	0.0	0.0	-1379.30	-0.47	-0.06	0.0	7.11	21.74
		-19.65	1.99	-6.85e-03	0.0	88.0	-1376.17	-0.47	-0.06	0.0	1.99	-19.65
3572	5	21.74	7.11	7.55e-03	0.0	0.0	-1379.30	-0.47	-0.06	0.0	7.11	21.74
		-19.65	1.99	-6.85e-03	0.0	88.0	-1376.17	-0.47	-0.06	0.0	1.99	-19.65
3573	1	34.42	-0.01	-0.01	0.0	0.0	-2143.03	0.78	-0.08	0.0	-0.01	-34.52
		-34.52	-7.02	-9.69e-03	0.0	88.0	-2138.96	0.78	-0.08	0.0	-7.02	34.42
3573	2	27.78	0.05	-9.51e-03	0.0	0.0	-1733.99	0.63	-0.07	0.0	0.05	-27.97
		-27.97	-5.69	-7.81e-03	0.0	88.0	-1730.86	0.63	-0.07	0.0	-5.69	27.78
3573	3	25.89	-0.02	-8.86e-03	0.0	0.0	-1610.61	0.59	-0.06	0.0	-0.02	-25.89
		-25.89	-5.27	-7.29e-03	0.0	88.0	-1607.48	0.59	-0.06	0.0	-5.27	25.89
3573	4	22.15	-0.27	-7.56e-03	0.0	0.0	-1363.59	0.50	-0.05	0.0	-0.27	-21.80
		-21.80	-4.43	-6.31e-03	0.0	88.0	-1360.46	0.50	-0.05	0.0	-4.43	22.15
3573	5	22.15	-0.27	-7.56e-03	0.0	0.0	-1363.59	0.50	-0.05	0.0	-0.27	-21.80
		-21.80	-4.43	-6.31e-03	0.0	88.0	-1360.46	0.50	-0.05	0.0	-4.43	22.15
3574	1	-1.07	-3.31	-3.42e-03	0.0	0.0	-1016.18	4.14e-03	0.03	0.0	-6.41	-1.48
		-1.48	-6.41	-0.02	0.0	100.0	-1011.56	4.14e-03	0.03	0.0	-3.31	-1.07
3574	2	-0.83	-2.67	-2.76e-03	0.0	0.0	-818.00	3.48e-03	0.02	0.0	-5.17	-1.18
		-1.18	-5.17	-0.01	0.0	100.0	-814.44	3.48e-03	0.02	0.0	-2.67	-0.83
3574	3	-0.82	-2.49	-2.57e-03	0.0	0.0	-765.52	3.05e-03	0.02	0.0	-4.83	-1.12
		-1.12	-4.83	-0.01	0.0	100.0	-761.96	3.05e-03	0.02	0.0	-2.49	-0.82
3574	4	-0.80	-2.12	-2.21e-03	0.0	0.0	-660.63	2.20e-03	0.02	0.0	-4.14	-1.02
		-1.02	-4.14	-0.01	0.0	100.0	-657.07	2.20e-03	0.02	0.0	-2.12	-0.80
3574	5	-0.80	-2.12	-2.21e-03	0.0	0.0	-660.63	2.20e-03	0.02	0.0	-4.14	-1.02
		-1.02	-4.14	-0.01	0.0	100.0	-657.07	2.20e-03	0.02	0.0	-2.12	-0.80
3575	1	0.0	2.37	0.01	0.0	0.0	-1333.08	-3.66	0.06	0.0	0.0	0.0
		-146.49	0.0	-7.07e-03	0.0	40.0	-1331.23	-3.66	0.06	0.0	2.37	-146.49

3575	2	0.0	1.91	8.08e-03	0.0	0.0	-1072.42	-2.94	0.05	0.0	0.0	0.0
		-117.46	0.0	-5.69e-03	0.0	40.0	-1071.00	-2.94	0.05	0.0	1.91	-117.46
3575	3	0.0	1.79	7.61e-03	0.0	0.0	-1004.62	-2.76	0.04	0.0	0.0	0.0
		-110.55	0.0	-5.32e-03	0.0	40.0	-1003.20	-2.76	0.04	0.0	1.79	-110.55
3575	4	0.0	1.55	6.65e-03	0.0	0.0	-868.91	-2.42	0.04	0.0	0.0	0.0
		-96.65	0.0	-4.59e-03	0.0	40.0	-867.49	-2.42	0.04	0.0	1.55	-96.65
3575	5	0.0	1.55	6.65e-03	0.0	0.0	-868.91	-2.42	0.04	0.0	0.0	0.0
		-96.65	0.0	-4.59e-03	0.0	40.0	-867.49	-2.42	0.04	0.0	1.55	-96.65
3576	1	441.12	0.0	-0.03	0.0	0.0	-1538.09	11.03	-5.26	0.0	0.0	0.0
		0.0	-210.39	0.08	0.0	40.0	-1536.24	11.03	-5.26	0.0	-210.39	441.12
3576	2	354.80	0.0	-0.02	0.0	0.0	-1238.19	8.87	-4.23	0.0	0.0	0.0
		0.0	-169.38	0.06	0.0	40.0	-1236.77	8.87	-4.23	0.0	-169.38	354.80
3576	3	332.49	0.0	-0.02	0.0	0.0	-1158.66	8.31	-3.96	0.0	0.0	0.0
		0.0	-158.49	0.06	0.0	40.0	-1157.23	8.31	-3.96	0.0	-158.49	332.49
3576	4	287.91	0.0	-0.02	0.0	0.0	-999.70	7.20	-3.42	0.0	0.0	0.0
		0.0	-136.68	0.05	0.0	40.0	-998.28	7.20	-3.42	0.0	-136.68	287.91
3576	5	287.91	0.0	-0.02	0.0	0.0	-999.70	7.20	-3.42	0.0	0.0	0.0
		0.0	-136.68	0.05	0.0	40.0	-998.28	7.20	-3.42	0.0	-136.68	287.91
3577	1	0.0	2.16	2.36e-04	0.0	0.0	-1494.30	-0.02	0.05	0.0	0.0	0.0
		-0.93	0.0	-7.05e-03	0.0	40.0	-1492.45	-0.02	0.05	0.0	2.16	-0.93
3577	2	0.0	1.73	1.85e-04	0.0	0.0	-1204.16	-0.02	0.04	0.0	0.0	0.0
		-0.74	0.0	-5.68e-03	0.0	40.0	-1202.74	-0.02	0.04	0.0	1.73	-0.74
3577	3	0.0	1.63	1.80e-04	0.0	0.0	-1125.18	-0.02	0.04	0.0	0.0	0.0
		-0.70	0.0	-5.31e-03	0.0	40.0	-1123.76	-0.02	0.04	0.0	1.63	-0.70
3577	4	0.0	1.41	1.68e-04	0.0	0.0	-967.16	-0.02	0.04	0.0	0.0	0.0
		-0.62	0.0	-4.58e-03	0.0	40.0	-965.74	-0.02	0.04	0.0	1.41	-0.62
3577	5	0.0	1.41	1.68e-04	0.0	0.0	-967.16	-0.02	0.04	0.0	0.0	0.0
		-0.62	0.0	-4.58e-03	0.0	40.0	-965.74	-0.02	0.04	0.0	1.41	-0.62
3578	1	0.0	399.69	2.36e-04	0.0	0.0	-2086.02	-0.03	9.99	0.0	0.0	0.0
		-1.19	0.0	-0.03	0.0	40.0	-2084.17	-0.03	9.99	0.0	399.69	-1.19
3578	2	0.0	321.68	1.85e-04	0.0	0.0	-1681.12	-0.02	8.04	0.0	0.0	0.0
		-0.95	0.0	-0.03	0.0	40.0	-1679.70	-0.02	8.04	0.0	321.68	-0.95
3578	3	0.0	301.12	1.80e-04	0.0	0.0	-1570.59	-0.02	7.53	0.0	0.0	0.0
		-0.90	0.0	-0.02	0.0	40.0	-1569.17	-0.02	7.53	0.0	301.12	-0.90
3578	4	0.0	260.05	1.68e-04	0.0	0.0	-1349.59	-0.02	6.50	0.0	0.0	0.0
		-0.79	0.0	-0.02	0.0	40.0	-1348.17	-0.02	6.50	0.0	260.05	-0.79
3578	5	0.0	260.05	1.68e-04	0.0	0.0	-1349.59	-0.02	6.50	0.0	0.0	0.0
		-0.79	0.0	-0.02	0.0	40.0	-1348.17	-0.02	6.50	0.0	260.05	-0.79
3582	1	-0.94	14.82	-3.42e-03	0.0	0.0	-1471.37	-0.02	1.18	0.0	-103.39	-0.94
		-3.08	-103.39	-0.01	0.0	100.0	-1466.75	-0.02	1.18	0.0	14.82	-3.08
3582	2	-0.74	11.94	-2.76e-03	0.0	0.0	-1184.37	-0.02	0.95	0.0	-83.25	-0.74
		-2.45	-83.25	-0.01	0.0	100.0	-1180.82	-0.02	0.95	0.0	11.94	-2.45
3582	3	-0.71	11.15	-2.57e-03	0.0	0.0	-1108.42	-0.02	0.89	0.0	-77.88	-0.71
		-2.33	-77.88	-9.37e-03	0.0	100.0	-1104.87	-0.02	0.89	0.0	11.15	-2.33
3582	4	-0.67	9.56	-2.21e-03	0.0	0.0	-956.65	-0.01	0.77	0.0	-67.17	-0.67
		-2.09	-67.17	-8.05e-03	0.0	100.0	-953.09	-0.01	0.77	0.0	9.56	-2.09
3582	5	-0.67	9.56	-2.21e-03	0.0	0.0	-956.65	-0.01	0.77	0.0	-67.17	-0.67
		-2.09	-67.17	-8.05e-03	0.0	100.0	-953.09	-0.01	0.77	0.0	9.56	-2.09
3583	1	12.69	-14.55	-4.50e-03	0.0	0.0	-1466.71	0.06	0.32	0.0	-46.34	12.69
		6.55	-46.34	-0.03	0.0	100.0	-1462.08	0.06	0.32	0.0	-14.55	6.55
3583	2	10.20	-11.70	-3.62e-03	0.0	0.0	-1180.64	0.05	0.26	0.0	-37.34	10.20
		5.26	-37.34	-0.02	0.0	100.0	-1177.09	0.05	0.26	0.0	-11.70	5.26
3583	3	9.57	-10.97	-3.39e-03	0.0	0.0	-1104.92	0.05	0.24	0.0	-34.91	9.57
		4.94	-34.91	-0.02	0.0	100.0	-1101.36	0.05	0.24	0.0	-10.97	4.94
3583	4	8.33	-9.51	-2.92e-03	0.0	0.0	-953.55	0.04	0.21	0.0	-30.03	8.33
		4.31	-30.03	-0.02	0.0	100.0	-949.99	0.04	0.21	0.0	-9.51	4.31
3583	5	8.33	-9.51	-2.92e-03	0.0	0.0	-953.55	0.04	0.21	0.0	-30.03	8.33
		4.31	-30.03	-0.02	0.0	100.0	-949.99	0.04	0.21	0.0	-9.51	4.31
3584	1	10.69	-150.71	-4.50e-03	0.0	0.0	-1018.47	0.04	4.69	0.0	-619.25	10.69
		7.09	-619.25	-0.08	0.0	100.0	-1013.85	0.04	4.69	0.0	-150.71	7.09
3584	2	8.58	-121.41	-3.62e-03	0.0	0.0	-819.87	0.03	3.77	0.0	-498.58	8.58
		5.70	-498.58	-0.06	0.0	100.0	-816.32	0.03	3.77	0.0	-121.41	5.70
3584	3	8.06	-113.50	-3.39e-03	0.0	0.0	-767.25	0.03	3.53	0.0	-466.48	8.06
		5.35	-466.48	-0.06	0.0	100.0	-763.69	0.03	3.53	0.0	-113.50	5.35
3584	4	7.04	-97.66	-2.92e-03	0.0	0.0	-662.06	0.02	3.05	0.0	-402.23	7.04
		4.66	-402.23	-0.05	0.0	100.0	-658.51	0.02	3.05	0.0	-97.66	4.66
3584	5	7.04	-97.66	-2.92e-03	0.0	0.0	-662.06	0.02	3.05	0.0	-402.23	7.04
		4.66	-402.23	-0.05	0.0	100.0	-658.51	0.02	3.05	0.0	-97.66	4.66
3585	1	20.66	9.00	-3.06e-03	0.0	0.0	-906.49	0.14	-0.04	0.0	9.00	20.66
		6.30	5.05	-0.01	0.0	100.0	-901.87	0.14	-0.04	0.0	9.00	6.30
3585	2	16.63	7.33	-2.47e-03	0.0	0.0	-730.87	0.12	-0.03	0.0	7.33	16.63
		4.97	4.00	-0.01	0.0	100.0	-727.31	0.12	-0.03	0.0	4.00	4.97
3585	3	15.54	6.78	-2.30e-03	0.0	0.0	-682.39	0.11	-0.03	0.0	6.78	15.54
		4.80	3.81	-0.01	0.0	100.0	-678.83	0.11	-0.03	0.0	3.81	4.80
3585	4	13.38	5.66	-1.96e-03	0.0	0.0	-585.46	0.09	-0.02	0.0	5.66	13.38
		4.44	3.45	-9.66e-03	0.0	100.0	-581.90	0.09	-0.02	0.0	3.45	4.44
3585	5	13.38	5.66	-1.96e-03	0.0	0.0	-585.46	0.09	-0.02	0.0	5.66	13.38

		4.44	3.45	-9.66e-03	0.0	100.0	-581.90	0.09	-0.02	0.0	3.45	13.38
3586	1	16.29	-12.58	-2.60e-03	0.0	0.0	-1460.27	0.15	-0.02	0.0	-12.58	1.69
		1.69	-14.41	-0.01	0.0	100.0	-1455.65	0.15	-0.02	0.0	-14.41	16.29
3586	2	13.11	-10.02	-2.10e-03	0.0	0.0	-1178.49	0.12	-0.02	0.0	-10.02	1.25
		1.25	-11.67	-9.35e-03	0.0	100.0	-1174.94	0.12	-0.02	0.0	-11.67	13.11
3586	3	12.25	-9.51	-1.96e-03	0.0	0.0	-1098.66	0.11	-0.01	0.0	-9.51	1.33
		1.33	-10.85	-8.75e-03	0.0	100.0	-1095.11	0.11	-0.01	0.0	-10.85	12.25
3586	4	10.56	-8.48	-1.67e-03	0.0	0.0	-939.14	0.09	-7.10e-03	0.0	-8.48	1.47
		1.47	-9.19	-7.54e-03	0.0	100.0	-935.58	0.09	-7.10e-03	0.0	-9.19	10.56
3586	5	10.56	-8.48	-1.67e-03	0.0	0.0	-939.14	0.09	-7.10e-03	0.0	-8.48	1.47
		1.47	-9.19	-7.54e-03	0.0	100.0	-935.58	0.09	-7.10e-03	0.0	-9.19	10.56
3587	1	-4.11	-0.51	2.61e-03	0.0	0.0	-1463.69	-0.13	0.25	0.0	-25.30	-4.11
		-17.09	-25.30	-0.01	0.0	100.0	-1459.07	-0.13	0.25	0.0	-0.51	-17.09
3587	2	-3.21	-0.49	2.11e-03	0.0	0.0	-1181.25	-0.11	0.20	0.0	-20.23	-3.21
		-13.76	-20.23	-0.01	0.0	100.0	-1177.69	-0.11	0.20	0.0	-0.49	-13.76
3587	3	-3.14	-0.34	1.97e-03	0.0	0.0	-1101.33	-0.10	0.19	0.0	-19.14	-3.14
		-12.89	-19.14	-0.01	0.0	100.0	-1097.77	-0.10	0.19	0.0	-0.34	-12.89
3587	4	-3.01	-0.10	1.68e-03	0.0	0.0	-941.54	-0.08	0.17	0.0	-16.94	-3.01
		-11.13	-16.94	-8.80e-03	0.0	100.0	-937.99	-0.08	0.17	0.0	-0.10	-11.13
3587	5	-3.01	-0.10	1.68e-03	0.0	0.0	-941.54	-0.08	0.17	0.0	-16.94	-3.01
		-11.13	-16.94	-8.80e-03	0.0	100.0	-937.99	-0.08	0.17	0.0	-0.10	-11.13
3588	1	-8.79	125.44	3.06e-03	0.0	0.0	-908.12	-0.13	-0.63	0.0	125.44	-8.79
		-21.45	62.31	-0.03	0.0	100.0	-903.50	-0.13	-0.63	0.0	62.31	-21.45
3588	2	-6.98	101.04	2.47e-03	0.0	0.0	-732.19	-0.10	-0.51	0.0	101.04	-6.98
		-17.28	50.07	-0.02	0.0	100.0	-728.63	-0.10	-0.51	0.0	50.07	-17.28
3588	3	-6.66	94.47	2.31e-03	0.0	0.0	-683.59	-0.10	-0.47	0.0	94.47	-6.66
		-16.17	46.99	-0.02	0.0	100.0	-680.04	-0.10	-0.47	0.0	46.99	-16.17
3588	4	-6.01	81.32	1.97e-03	0.0	0.0	-586.50	-0.08	-0.41	0.0	81.32	-6.01
		-13.94	40.76	-0.02	0.0	100.0	-582.95	-0.08	-0.41	0.0	40.76	-13.94
3588	5	-6.01	81.32	1.97e-03	0.0	0.0	-586.50	-0.08	-0.41	0.0	81.32	-6.01
		-13.94	40.76	-0.02	0.0	100.0	-582.95	-0.08	-0.41	0.0	40.76	-13.94
3589	1	18.75	8.39	-2.63e-03	0.0	0.0	-1149.69	0.18	-0.02	0.0	8.39	0.37
		0.37	6.46	-0.01	0.0	100.0	-1145.07	0.18	-0.02	0.0	6.46	18.75
3589	2	15.08	6.83	-2.12e-03	0.0	0.0	-927.96	0.15	-0.02	0.0	6.83	0.13
		0.13	5.14	-0.01	0.0	100.0	-924.40	0.15	-0.02	0.0	5.14	15.08
3589	3	14.12	6.32	-1.97e-03	0.0	0.0	-865.04	0.14	-0.01	0.0	6.32	0.37
		0.37	4.87	-0.01	0.0	100.0	-861.49	0.14	-0.01	0.0	4.87	14.12
3589	4	12.21	5.26	-1.68e-03	0.0	0.0	-739.15	0.11	-9.04e-03	0.0	5.26	0.82
		0.82	4.36	-9.67e-03	0.0	100.0	-735.59	0.11	-9.04e-03	0.0	4.36	12.21
3589	5	12.21	5.26	-1.68e-03	0.0	0.0	-739.15	0.11	-9.04e-03	0.0	5.26	0.82
		0.82	4.36	-9.67e-03	0.0	100.0	-735.59	0.11	-9.04e-03	0.0	4.36	12.21
3590	1	14.11	-13.41	-2.21e-03	0.0	0.0	-1783.27	0.18	9.28e-04	0.0	-13.50	-3.86
		-3.86	-13.50	-0.01	0.0	100.0	-1778.65	0.18	9.28e-04	0.0	-13.41	14.11
3590	2	11.34	-10.74	-1.78e-03	0.0	0.0	-1439.94	0.15	-1.33e-03	0.0	-10.74	-3.28
		-3.28	-10.88	-9.40e-03	0.0	100.0	-1436.39	0.15	-1.33e-03	0.0	-10.88	11.34
3590	3	10.62	-10.09	-1.66e-03	0.0	0.0	-1341.46	0.13	1.24e-03	0.0	-10.21	-2.82
		-2.82	-10.21	-8.80e-03	0.0	100.0	-1337.91	0.13	1.24e-03	0.0	-10.09	10.62
3590	4	9.20	-8.51	-1.41e-03	0.0	0.0	-1144.43	0.11	6.50e-03	0.0	-9.16	-1.93
		-1.93	-9.16	-7.59e-03	0.0	100.0	-1140.87	0.11	6.50e-03	0.0	-8.51	9.20
3590	5	9.20	-8.51	-1.41e-03	0.0	0.0	-1144.43	0.11	6.50e-03	0.0	-9.16	-1.93
		-1.93	-9.16	-7.59e-03	0.0	100.0	-1140.87	0.11	6.50e-03	0.0	-8.51	9.20
3591	1	0.75	0.16	1.46e-03	0.0	0.0	-1824.81	-0.15	0.26	0.0	-25.70	0.75
		-13.92	-25.70	-0.01	0.0	100.0	-1820.18	-0.15	0.26	0.0	0.16	-13.92
3591	2	0.78	0.05	1.18e-03	0.0	0.0	-1473.49	-0.12	0.21	0.0	-20.55	0.78
		-11.19	-20.55	-0.01	0.0	100.0	-1469.94	-0.12	0.21	0.0	0.05	-11.19
3591	3	0.49	0.17	1.10e-03	0.0	0.0	-1372.64	-0.11	0.20	0.0	-19.44	0.49
		-10.51	-19.44	-0.01	0.0	100.0	-1369.08	-0.11	0.20	0.0	0.17	-10.51
3591	4	-0.10	0.33	9.44e-04	0.0	0.0	-1170.85	-0.09	0.18	0.0	-17.22	-0.10
		-9.12	-17.22	-8.81e-03	0.0	100.0	-1167.30	-0.09	0.18	0.0	0.33	-9.12
3591	5	-0.10	0.33	9.44e-04	0.0	0.0	-1170.85	-0.09	0.18	0.0	-17.22	-0.10
		-9.12	-17.22	-8.81e-03	0.0	100.0	-1167.30	-0.09	0.18	0.0	0.33	-9.12
3592	1	-1.47	124.27	1.94e-03	0.0	0.0	-1152.67	-0.17	-0.60	0.0	124.27	-1.47
		-18.14	63.94	-0.03	0.0	100.0	-1148.05	-0.17	-0.60	0.0	63.94	-18.14
3592	2	-1.00	100.10	1.56e-03	0.0	0.0	-930.35	-0.14	-0.49	0.0	100.10	-1.00
		-14.59	51.38	-0.02	0.0	100.0	-926.79	-0.14	-0.49	0.0	51.38	-14.59
3592	3	-1.18	93.59	1.46e-03	0.0	0.0	-867.23	-0.13	-0.45	0.0	93.59	-1.18
		-13.68	48.22	-0.02	0.0	100.0	-863.67	-0.13	-0.45	0.0	48.22	-13.68
3592	4	-1.53	80.56	1.25e-03	0.0	0.0	-741.05	-0.10	-0.39	0.0	80.56	-1.53
		-11.85	41.80	-0.02	0.0	100.0	-737.49	-0.10	-0.39	0.0	41.80	-11.85
3592	5	-1.53	80.56	1.25e-03	0.0	0.0	-741.05	-0.10	-0.39	0.0	80.56	-1.53
		-11.85	41.80	-0.02	0.0	100.0	-737.49	-0.10	-0.39	0.0	41.80	-11.85
3593	1	21.79	7.88	-2.92e-03	0.0	0.0	-1279.34	0.19	-6.98e-03	0.0	7.88	3.23
		3.23	7.18	-0.01	0.0	100.0	-1274.71	0.19	-6.98e-03	0.0	7.18	21.79
3593	2	17.54	6.42	-2.36e-03	0.0	0.0	-1033.03	0.15	-6.95e-03	0.0	6.42	2.42
		2.42	5.72	-0.01	0.0	100.0	-1029.47	0.15	-6.95e-03	0.0	5.72	17.54
3593	3	16.42	5.94	-2.20e-03	0.0	0.0	-962.47	0.14	-5.21e-03	0.0	5.94	2.50
		2.50	5.42	-0.01	0.0	100.0	-958.91	0.14	-5.21e-03	0.0	5.42	16.42

3593	4	14.17	4.94	-1.87e-03	0.0	0.0	-821.10	0.11	-1.19e-03	0.0	4.94	2.71
		2.71	4.82	-9.69e-03	0.0	100.0	-817.54	0.11	-1.19e-03	0.0	4.82	14.17
3593	5	14.17	4.94	-1.87e-03	0.0	0.0	-821.10	0.11	-1.19e-03	0.0	4.94	2.71
		2.71	4.82	-9.69e-03	0.0	100.0	-817.54	0.11	-1.19e-03	0.0	4.82	14.17
3594	1	16.61	-11.94	-2.55e-03	0.0	0.0	-1957.76	0.19	0.05	0.0	-17.41	-2.43
		-2.43	-17.41	-0.01	0.0	100.0	-1953.14	0.19	0.05	0.0	-11.94	16.61
3594	2	13.36	-9.69	-2.06e-03	0.0	0.0	-1581.66	0.16	0.04	0.0	-13.89	-2.14
		-2.14	-13.89	-9.58e-03	0.0	100.0	-1578.11	0.16	0.04	0.0	-9.69	13.36
3594	3	12.52	-8.98	-1.92e-03	0.0	0.0	-1472.13	0.14	0.04	0.0	-13.15	-1.76
		-1.76	-13.15	-8.97e-03	0.0	100.0	-1468.57	0.14	0.04	0.0	-8.98	12.52
3594	4	10.82	-7.56	-1.63e-03	0.0	0.0	-1253.54	0.12	0.04	0.0	-11.69	-0.97
		-0.97	-11.69	-7.74e-03	0.0	100.0	-1249.98	0.12	0.04	0.0	-7.56	10.82
3594	5	10.82	-7.56	-1.63e-03	0.0	0.0	-1253.54	0.12	0.04	0.0	-11.69	-0.97
		-0.97	-11.69	-7.74e-03	0.0	100.0	-1249.98	0.12	0.04	0.0	-7.56	10.82
3595	1	1.80	1.11	1.73e-03	0.0	0.0	-1932.04	-0.17	0.30	0.0	-28.93	1.80
		-15.31	-28.93	-0.01	0.0	100.0	-1927.42	-0.17	0.30	0.0	1.11	-15.31
3595	2	1.62	0.82	1.40e-03	0.0	0.0	-1560.96	-0.14	0.24	0.0	-23.15	1.62
		-12.32	-23.15	-0.01	0.0	100.0	-1557.41	-0.14	0.24	0.0	0.82	-12.32
3595	3	1.26	0.88	1.30e-03	0.0	0.0	-1453.20	-0.13	0.23	0.0	-21.88	1.26
		-11.54	-21.88	-0.01	0.0	100.0	-1449.65	-0.13	0.23	0.0	0.88	-11.54
3595	4	0.57	0.96	1.10e-03	0.0	0.0	-1237.66	-0.11	0.20	0.0	-19.34	0.57
		-9.98	-19.34	-8.89e-03	0.0	100.0	-1234.10	-0.11	0.20	0.0	0.96	-9.98
3595	5	0.57	0.96	1.10e-03	0.0	0.0	-1237.66	-0.11	0.20	0.0	-19.34	0.57
		-9.98	-19.34	-8.89e-03	0.0	100.0	-1234.10	-0.11	0.20	0.0	0.96	-9.98
3596	1	-5.44	122.49	2.06e-03	0.0	0.0	-1272.40	-0.15	-0.57	0.0	122.49	-5.44
		-20.79	65.27	-0.03	0.0	100.0	-1267.78	-0.15	-0.57	0.0	65.27	-20.79
3596	2	-4.20	98.66	1.66e-03	0.0	0.0	-1027.43	-0.13	-0.46	0.0	98.66	-4.20
		-16.74	52.45	-0.02	0.0	100.0	-1023.88	-0.13	-0.46	0.0	52.45	-16.74
3596	3	-4.20	92.25	1.55e-03	0.0	0.0	-957.03	-0.11	-0.43	0.0	92.25	-4.20
		-15.67	49.22	-0.02	0.0	100.0	-953.48	-0.11	-0.43	0.0	49.22	-15.67
3596	4	-4.15	79.40	1.32e-03	0.0	0.0	-816.52	-0.09	-0.37	0.0	79.40	-4.15
		-13.53	42.67	-0.02	0.0	100.0	-812.96	-0.09	-0.37	0.0	42.67	-13.53
3596	5	-4.15	79.40	1.32e-03	0.0	0.0	-816.52	-0.09	-0.37	0.0	79.40	-4.15
		-13.53	42.67	-0.02	0.0	100.0	-812.96	-0.09	-0.37	0.0	42.67	-13.53
3597	1	27.17	7.72	-3.68e-03	0.0	0.0	-1335.03	0.17	3.60e-03	0.0	7.72	10.23
		10.23	7.36	-0.01	0.0	100.0	-1330.40	0.17	3.60e-03	0.0	7.72	27.17
3597	2	21.91	6.16	-2.97e-03	0.0	0.0	-1077.98	0.14	1.65e-03	0.0	6.00	8.16
		8.16	6.00	-0.01	0.0	100.0	-1074.43	0.14	1.65e-03	0.0	6.16	21.91
3597	3	20.43	5.83	-2.77e-03	0.0	0.0	-1004.29	0.13	2.74e-03	0.0	5.55	7.75
		7.75	5.55	-0.01	0.0	100.0	-1000.73	0.13	2.74e-03	0.0	5.83	20.43
3597	4	17.51	5.16	-2.36e-03	0.0	0.0	-856.84	0.11	5.42e-03	0.0	4.62	6.92
		6.92	4.62	-9.71e-03	0.0	100.0	-853.29	0.11	5.42e-03	0.0	5.16	17.51
3597	5	17.51	5.16	-2.36e-03	0.0	0.0	-856.84	0.11	5.42e-03	0.0	4.62	6.92
		6.92	4.62	-9.71e-03	0.0	100.0	-853.29	0.11	5.42e-03	0.0	5.16	17.51
3598	1	22.01	-9.67	-3.37e-03	0.0	0.0	-2059.36	0.19	0.14	0.0	-23.46	2.72
		2.72	-23.46	-0.01	0.0	100.0	-2054.73	0.19	0.14	0.0	-9.67	22.01
3598	2	17.74	-7.85	-2.72e-03	0.0	0.0	-1664.37	0.16	0.11	0.0	-18.80	2.09
		2.09	-18.80	-9.73e-03	0.0	100.0	-1660.81	0.16	0.11	0.0	-7.85	17.74
3598	3	16.56	-7.28	-2.53e-03	0.0	0.0	-1548.48	0.14	0.10	0.0	-17.69	2.10
		2.10	-17.69	-9.11e-03	0.0	100.0	-1544.92	0.14	0.10	0.0	-7.28	16.56
3598	4	14.20	-6.12	-2.16e-03	0.0	0.0	-1316.69	0.12	0.09	0.0	-15.51	2.14
		2.14	-15.51	-7.85e-03	0.0	100.0	-1313.14	0.12	0.09	0.0	-6.12	14.20
3598	5	14.20	-6.12	-2.16e-03	0.0	0.0	-1316.69	0.12	0.09	0.0	-15.51	2.14
		2.14	-15.51	-7.85e-03	0.0	100.0	-1313.14	0.12	0.09	0.0	-6.12	14.20
3599	1	-4.78	3.44	3.15e-03	0.0	0.0	-2057.82	-0.16	0.42	0.0	-38.24	-4.78
		-20.85	-38.24	-0.01	0.0	100.0	-2053.20	-0.16	0.42	0.0	3.44	-20.85
3599	2	-3.72	2.70	2.55e-03	0.0	0.0	-1663.20	-0.13	0.33	0.0	-30.66	-3.72
		-16.82	-30.66	-0.01	0.0	100.0	-1659.65	-0.13	0.33	0.0	2.70	-16.82
3599	3	-3.66	2.63	2.37e-03	0.0	0.0	-1547.30	-0.12	0.32	0.0	-28.87	-3.66
		-15.71	-28.87	-0.01	0.0	100.0	-1543.74	-0.12	0.32	0.0	2.63	-15.71
3599	4	-3.52	2.46	2.00e-03	0.0	0.0	-1315.32	-0.10	0.28	0.0	-25.31	-3.52
		-13.47	-25.31	-8.97e-03	0.0	100.0	-1311.76	-0.10	0.28	0.0	2.46	-13.47
3599	5	-3.52	2.46	2.00e-03	0.0	0.0	-1315.32	-0.10	0.28	0.0	-25.31	-3.52
		-13.47	-25.31	-8.97e-03	0.0	100.0	-1311.76	-0.10	0.28	0.0	2.46	-13.47
3600	1	-12.98	120.01	3.50e-03	0.0	0.0	-1341.58	-0.13	-0.53	0.0	120.01	-12.98
		-26.30	66.93	-0.03	0.0	100.0	-1336.96	-0.13	-0.53	0.0	66.93	-26.30
3600	2	-10.34	96.66	2.83e-03	0.0	0.0	-1083.25	-0.11	-0.43	0.0	96.66	-10.34
		-21.22	53.80	-0.02	0.0	100.0	-1079.69	-0.11	-0.43	0.0	53.80	-21.22
3600	3	-9.82	90.38	2.63e-03	0.0	0.0	-1009.17	-0.10	-0.40	0.0	90.38	-9.82
		-19.81	50.47	-0.02	0.0	100.0	-1005.62	-0.10	-0.40	0.0	50.47	-19.81
3600	4	-8.77	77.79	2.24e-03	0.0	0.0	-861.01	-0.08	-0.34	0.0	77.79	-8.77
		-16.98	43.74	-0.02	0.0	100.0	-857.46	-0.08	-0.34	0.0	43.74	-16.98
3600	5	-8.77	77.79	2.24e-03	0.0	0.0	-861.01	-0.08	-0.34	0.0	77.79	-8.77
		-16.98	43.74	-0.02	0.0	100.0	-857.46	-0.08	-0.34	0.0	43.74	-16.98
3601	1	28.22	8.60	-3.63e-03	0.0	0.0	-1357.24	0.17	0.02	0.0	6.24	10.77
		10.77	6.24	-0.02	0.0	100.0	-1352.62	0.17	0.02	0.0	8.60	28.22
3601	2	22.76	6.87	-2.93e-03	0.0	0.0	-1095.99	0.14	0.02	0.0	5.09	8.59



		8.59	5.09	-0.01	0.0	100.0	-1092.43	0.14	0.02	0.0	6.87	22.76
3601	3	21.23	6.48	-2.73e-03	0.0	0.0	-1020.92	0.13	0.02	0.0	4.71	8.15
		8.15	4.71	-0.01	0.0	100.0	-1017.36	0.13	0.02	0.0	6.48	21.23
3601	4	18.18	5.72	-2.34e-03	0.0	0.0	-870.77	0.11	0.02	0.0	3.91	7.28
		7.28	3.91	-9.76e-03	0.0	100.0	-867.22	0.11	0.02	0.0	5.72	18.18
3601	5	18.18	5.72	-2.34e-03	0.0	0.0	-870.77	0.11	0.02	0.0	3.91	7.28
		7.28	3.91	-9.76e-03	0.0	100.0	-867.22	0.11	0.02	0.0	5.72	18.18
3602	1	22.90	-8.01	-3.28e-03	0.0	0.0	-2109.01	0.20	0.21	0.0	-28.58	3.11
		3.11	-28.58	-0.01	0.0	100.0	-2104.39	0.20	0.21	0.0	-8.01	22.90
3602	2	18.47	-6.49	-2.65e-03	0.0	0.0	-1704.67	0.16	0.16	0.0	-22.98	2.40
		2.40	-22.98	-9.84e-03	0.0	100.0	-1701.12	0.16	0.16	0.0	-6.49	18.47
3602	3	17.23	-6.03	-2.47e-03	0.0	0.0	-1585.78	0.15	0.16	0.0	-21.53	2.39
		2.39	-21.53	-9.21e-03	0.0	100.0	-1582.23	0.15	0.16	0.0	-6.03	17.23
3602	4	14.76	-5.10	-2.11e-03	0.0	0.0	-1347.94	0.12	0.14	0.0	-18.66	2.38
		2.38	-18.66	-7.94e-03	0.0	100.0	-1344.39	0.12	0.14	0.0	-5.10	14.76
3602	5	14.76	-5.10	-2.11e-03	0.0	0.0	-1347.94	0.12	0.14	0.0	-18.66	2.38
		2.38	-18.66	-7.94e-03	0.0	100.0	-1344.39	0.12	0.14	0.0	-5.10	14.76
3603	1	-3.12	4.33	3.49e-03	0.0	0.0	-2117.15	-0.18	0.48	0.0	-43.86	-3.12
		-20.76	-43.86	-0.01	0.0	100.0	-2112.53	-0.18	0.48	0.0	4.33	-20.76
3603	2	-2.36	3.45	2.83e-03	0.0	0.0	-1711.20	-0.14	0.39	0.0	-35.27	-2.36
		-16.74	-35.27	-0.01	0.0	100.0	-1707.65	-0.14	0.39	0.0	3.45	-16.74
3603	3	-2.41	3.29	2.63e-03	0.0	0.0	-1591.88	-0.13	0.36	0.0	-33.08	-2.41
		-15.64	-33.08	-0.01	0.0	100.0	-1588.33	-0.13	0.36	0.0	3.29	-15.64
3603	4	-2.51	2.92	2.22e-03	0.0	0.0	-1353.12	-0.11	0.32	0.0	-28.70	-2.51
		-13.42	-28.70	-8.90e-03	0.0	100.0	-1349.56	-0.11	0.32	0.0	2.92	-13.42
3603	5	-2.51	2.92	2.22e-03	0.0	0.0	-1353.12	-0.11	0.32	0.0	-28.70	-2.51
		-13.42	-28.70	-8.90e-03	0.0	100.0	-1349.56	-0.11	0.32	0.0	2.92	-13.42
3604	1	-10.99	118.46	3.82e-03	0.0	0.0	-1363.41	-0.15	-0.51	0.0	118.46	-10.99
		-26.20	67.80	-0.03	0.0	100.0	-1358.79	-0.15	-0.51	0.0	67.80	-26.20
3604	2	-8.72	95.41	3.09e-03	0.0	0.0	-1100.94	-0.12	-0.41	0.0	95.41	-8.72
		-21.13	54.50	-0.02	0.0	100.0	-1097.39	-0.12	-0.41	0.0	54.50	-21.13
3604	3	-8.33	89.22	2.87e-03	0.0	0.0	-1025.55	-0.11	-0.38	0.0	89.22	-8.33
		-19.73	51.13	-0.02	0.0	100.0	-1022.00	-0.11	-0.38	0.0	51.13	-19.73
3604	4	-7.55	76.81	2.43e-03	0.0	0.0	-874.72	-0.09	-0.33	0.0	76.81	-7.55
		-16.91	44.30	-0.02	0.0	100.0	-871.16	-0.09	-0.33	0.0	44.30	-16.91
3604	5	-7.55	76.81	2.43e-03	0.0	0.0	-874.72	-0.09	-0.33	0.0	76.81	-7.55
		-16.91	44.30	-0.02	0.0	100.0	-871.16	-0.09	-0.33	0.0	44.30	-16.91
3605	1	23.58	10.02	-2.69e-03	0.0	0.0	-1375.08	0.24	0.06	0.0	4.51	-0.07
		-0.07	4.51	-0.02	0.0	100.0	-1370.45	0.24	0.06	0.0	10.02	23.58
3605	2	19.00	8.02	-2.18e-03	0.0	0.0	-1110.58	0.19	0.04	0.0	3.69	-0.21
		-0.21	3.69	-0.01	0.0	100.0	-1107.02	0.19	0.04	0.0	8.02	19.00
3605	3	17.75	7.55	-2.03e-03	0.0	0.0	-1034.27	0.18	0.04	0.0	3.40	0.01
		0.01	3.40	-0.01	0.0	100.0	-1030.72	0.18	0.04	0.0	7.55	17.75
3605	4	15.26	6.64	-1.73e-03	0.0	0.0	-881.62	0.15	0.04	0.0	2.78	0.47
		0.47	2.78	-9.83e-03	0.0	100.0	-878.06	0.15	0.04	0.0	6.64	15.26
3605	5	15.26	6.64	-1.73e-03	0.0	0.0	-881.62	0.15	0.04	0.0	2.78	0.47
		0.47	2.78	-9.83e-03	0.0	100.0	-878.06	0.15	0.04	0.0	6.64	15.26
3606	1	18.29	-7.36	-2.28e-03	0.0	0.0	-2163.06	0.23	0.24	0.0	-31.50	-4.88
		-4.88	-31.50	-0.01	0.0	100.0	-2158.43	0.23	0.24	0.0	-7.36	18.29
3606	2	14.74	-5.95	-1.84e-03	0.0	0.0	-1747.65	0.19	0.19	0.0	-25.35	-4.08
		-4.08	-25.35	-9.91e-03	0.0	100.0	-1744.09	0.19	0.19	0.0	-5.95	14.74
3606	3	13.77	-5.54	-1.72e-03	0.0	0.0	-1626.49	0.17	0.18	0.0	-23.73	-3.60
		-3.60	-23.73	-9.27e-03	0.0	100.0	-1622.93	0.17	0.18	0.0	-5.54	13.77
3606	4	11.85	-4.72	-1.46e-03	0.0	0.0	-1384.35	0.14	0.16	0.0	-20.50	-2.64
		-2.64	-20.50	-7.98e-03	0.0	100.0	-1380.79	0.14	0.16	0.0	-4.72	11.85
3606	5	11.85	-4.72	-1.46e-03	0.0	0.0	-1384.35	0.14	0.16	0.0	-20.50	-2.64
		-2.64	-20.50	-7.98e-03	0.0	100.0	-1380.79	0.14	0.16	0.0	-4.72	11.85
3607	1	5.42	4.68	2.48e-03	0.0	0.0	-2187.53	-0.20	0.51	0.0	-46.28	5.42
		-14.96	-46.28	-0.01	0.0	100.0	-2182.91	-0.20	0.51	0.0	4.68	-14.96
3607	2	4.57	3.75	2.01e-03	0.0	0.0	-1767.45	-0.17	0.41	0.0	-37.25	4.57
		-12.03	-37.25	-0.01	0.0	100.0	-1763.90	-0.17	0.41	0.0	3.75	-12.03
3607	3	3.99	3.54	1.87e-03	0.0	0.0	-1645.13	-0.15	0.38	0.0	-34.88	3.99
		-11.28	-34.88	-0.01	0.0	100.0	-1641.57	-0.15	0.38	0.0	3.54	-11.28
3607	4	2.84	3.07	1.57e-03	0.0	0.0	-1399.87	-0.13	0.33	0.0	-30.16	2.84
		-9.75	-30.16	-8.81e-03	0.0	100.0	-1396.32	-0.13	0.33	0.0	3.07	-9.75
3607	5	2.84	3.07	1.57e-03	0.0	0.0	-1399.87	-0.13	0.33	0.0	-30.16	2.84
		-9.75	-30.16	-8.81e-03	0.0	100.0	-1396.32	-0.13	0.33	0.0	3.07	-9.75
3608	1	1.08	117.23	2.90e-03	0.0	0.0	-1381.54	-0.21	-0.49	0.0	117.23	1.08
		-20.10	68.42	-0.03	0.0	100.0	-1376.92	-0.21	-0.49	0.0	68.42	-20.10
3608	2	1.07	94.41	2.34e-03	0.0	0.0	-1115.80	-0.17	-0.39	0.0	94.41	1.07
		-16.18	55.01	-0.02	0.0	100.0	-1112.24	-0.17	-0.39	0.0	55.01	-16.18
3608	3	0.73	88.29	2.18e-03	0.0	0.0	-1039.17	-0.16	-0.37	0.0	88.29	0.73
		-15.14	51.60	-0.02	0.0	100.0	-1035.61	-0.16	-0.37	0.0	51.60	-15.14
3608	4	0.06	76.03	1.84e-03	0.0	0.0	-885.82	-0.13	-0.31	0.0	76.03	0.06
		-13.06	44.69	-0.02	0.0	100.0	-882.27	-0.13	-0.31	0.0	44.69	-13.06
3608	5	0.06	76.03	1.84e-03	0.0	0.0	-885.82	-0.13	-0.31	0.0	76.03	0.06
		-13.06	44.69	-0.02	0.0	100.0	-882.27	-0.13	-0.31	0.0	44.69	-13.06



3609	1	28.75	11.50	-4.28e-03	0.0	0.0	-1379.74	0.17	0.09	0.0	2.72	11.55
		11.55	2.72	-0.02	0.0	100.0	-1375.11	0.17	0.09	0.0	11.50	28.75
3609	2	23.21	9.21	-3.47e-03	0.0	0.0	-1114.48	0.14	0.07	0.0	2.25	9.26
		9.26	2.25	-0.01	0.0	100.0	-1110.93	0.14	0.07	0.0	9.21	23.21
3609	3	21.63	8.66	-3.22e-03	0.0	0.0	-1037.75	0.13	0.07	0.0	2.06	8.72
		8.72	2.06	-0.01	0.0	100.0	-1034.19	0.13	0.07	0.0	8.66	21.63
3609	4	18.50	7.59	-2.73e-03	0.0	0.0	-884.27	0.11	0.06	0.0	1.63	7.69
		7.69	1.63	-9.91e-03	0.0	100.0	-880.71	0.11	0.06	0.0	7.59	18.50
3609	5	18.50	7.59	-2.73e-03	0.0	0.0	-884.27	0.11	0.06	0.0	1.63	7.69
		7.69	1.63	-9.91e-03	0.0	100.0	-880.71	0.11	0.06	0.0	7.59	18.50
3610	1	23.65	-5.56	-3.85e-03	0.0	0.0	-2134.62	0.16	0.29	0.0	-34.27	8.13
		8.13	-34.27	-0.01	0.0	100.0	-2130.00	0.16	0.29	0.0	-5.56	23.65
3610	2	19.10	-4.51	-3.11e-03	0.0	0.0	-1724.74	0.13	0.23	0.0	-27.58	6.53
		6.53	-27.58	-9.98e-03	0.0	100.0	-1721.19	0.13	0.23	0.0	-4.51	19.10
3610	3	17.79	-4.18	-2.89e-03	0.0	0.0	-1605.30	0.12	0.22	0.0	-25.82	6.14
		6.14	-25.82	-9.34e-03	0.0	100.0	-1601.74	0.12	0.22	0.0	-4.18	17.79
3610	4	15.20	-3.53	-2.45e-03	0.0	0.0	-1366.18	0.10	0.19	0.0	-22.32	5.41
		5.41	-22.32	-8.05e-03	0.0	100.0	-1362.63	0.10	0.19	0.0	-3.53	15.20
3610	5	15.20	-3.53	-2.45e-03	0.0	0.0	-1366.18	0.10	0.19	0.0	-22.32	5.41
		5.41	-22.32	-8.05e-03	0.0	100.0	-1362.63	0.10	0.19	0.0	-3.53	15.20
3611	1	47.27	6.39	-1.20e-03	0.0	0.0	-2036.83	-0.49	0.58	0.0	-51.67	47.27
		-2.17	-51.67	-0.01	0.0	100.0	-2032.21	-0.49	0.58	0.0	6.39	-2.17
3611	2	38.48	5.11	-9.77e-04	0.0	0.0	-1646.11	-0.40	0.47	0.0	-41.56	38.48
		-1.67	-41.56	-0.01	0.0	100.0	-1642.56	-0.40	0.47	0.0	5.11	-1.67
3611	3	35.43	4.84	-8.96e-04	0.0	0.0	-1531.90	-0.37	0.44	0.0	-38.96	35.43
		-1.67	-38.96	-0.01	0.0	100.0	-1528.34	-0.37	0.44	0.0	4.84	-1.67
3611	4	29.39	4.23	-7.38e-04	0.0	0.0	-1303.40	-0.31	0.38	0.0	-33.75	29.39
		-1.64	-33.75	-8.83e-03	0.0	100.0	-1299.85	-0.31	0.38	0.0	4.23	-1.64
3611	5	29.39	4.23	-7.38e-04	0.0	0.0	-1303.40	-0.31	0.38	0.0	-33.75	29.39
		-1.64	-33.75	-8.83e-03	0.0	100.0	-1299.85	-0.31	0.38	0.0	4.23	-1.64
3612	1	49.74	116.40	-9.64e-04	0.0	0.0	-1409.34	-0.56	-0.48	0.0	116.40	49.74
		-5.98	68.68	-0.03	0.0	100.0	-1404.72	-0.56	-0.48	0.0	68.68	-5.98
3612	2	40.47	93.74	-7.89e-04	0.0	0.0	-1138.13	-0.45	-0.39	0.0	93.74	40.47
		-4.75	55.22	-0.02	0.0	100.0	-1134.57	-0.45	-0.39	0.0	55.22	-4.75
3612	3	37.30	87.67	-7.21e-04	0.0	0.0	-1060.13	-0.42	-0.36	0.0	87.67	37.30
		-4.54	51.79	-0.02	0.0	100.0	-1056.58	-0.42	-0.36	0.0	51.79	-4.54
3612	4	31.01	75.50	-5.89e-04	0.0	0.0	-904.21	-0.35	-0.31	0.0	75.50	31.01
		-4.09	44.86	-0.02	0.0	100.0	-900.65	-0.35	-0.31	0.0	44.86	-4.09
3612	5	31.01	75.50	-5.89e-04	0.0	0.0	-904.21	-0.35	-0.31	0.0	75.50	31.01
		-4.09	44.86	-0.02	0.0	100.0	-900.65	-0.35	-0.31	0.0	44.86	-4.09
3613	1	29.40	13.34	-3.53e-03	0.0	0.0	-1373.12	0.18	0.13	0.0	0.24	11.42
		11.42	0.24	-0.02	0.0	100.0	-1368.49	0.18	0.13	0.0	13.34	29.40
3613	2	23.71	10.70	-2.85e-03	0.0	0.0	-1108.79	0.15	0.10	0.0	0.24	9.10
		9.10	0.24	-0.01	0.0	100.0	-1105.23	0.15	0.10	0.0	10.70	23.71
3613	3	22.12	10.04	-2.65e-03	0.0	0.0	-1032.90	0.13	0.10	0.0	0.20	8.64
		8.64	0.20	-0.01	0.0	100.0	-1029.35	0.13	0.10	0.0	10.04	22.12
3613	4	18.94	8.76	-2.26e-03	0.0	0.0	-881.12	0.11	0.09	0.0	0.06	7.73
		7.73	0.06	-0.01	0.0	100.0	-877.56	0.11	0.09	0.0	8.76	18.94
3613	5	18.94	8.76	-2.26e-03	0.0	0.0	-881.12	0.11	0.09	0.0	0.06	7.73
		7.73	0.06	-0.01	0.0	100.0	-877.56	0.11	0.09	0.0	8.76	18.94
3614	1	24.04	-4.98	-3.12e-03	0.0	0.0	-2127.96	0.20	0.31	0.0	-36.11	4.00
		4.00	-36.11	-0.01	0.0	100.0	-2123.33	0.20	0.31	0.0	-4.98	24.04
3614	2	19.38	-4.04	-2.53e-03	0.0	0.0	-1719.83	0.16	0.25	0.0	-29.08	3.09
		3.09	-29.08	-9.92e-03	0.0	100.0	-1716.28	0.16	0.25	0.0	-4.04	19.38
3614	3	18.08	-3.74	-2.35e-03	0.0	0.0	-1599.98	0.15	0.23	0.0	-27.20	3.06
		3.06	-27.20	-9.28e-03	0.0	100.0	-1596.42	0.15	0.23	0.0	-3.74	18.08
3614	4	15.50	-3.16	-2.00e-03	0.0	0.0	-1360.23	0.12	0.20	0.0	-23.46	3.02
		3.02	-23.46	-8.00e-03	0.0	100.0	-1356.67	0.12	0.20	0.0	-3.16	15.50
3614	5	15.50	-3.16	-2.00e-03	0.0	0.0	-1360.23	0.12	0.20	0.0	-23.46	3.02
		3.02	-23.46	-8.00e-03	0.0	100.0	-1356.67	0.12	0.20	0.0	-3.16	15.50
3615	1	-2.58	9.16	3.71e-03	0.0	0.0	-2107.88	-0.18	0.71	0.0	-61.40	-2.58
		-20.37	-61.40	-0.01	0.0	100.0	-2103.25	-0.18	0.71	0.0	9.16	-20.37
3615	2	-1.94	7.33	3.00e-03	0.0	0.0	-1703.90	-0.14	0.57	0.0	-49.39	-1.94
		-16.42	-49.39	-0.01	0.0	100.0	-1700.34	-0.14	0.57	0.0	7.33	-16.42
3615	3	-2.00	6.92	2.79e-03	0.0	0.0	-1584.59	-0.13	0.53	0.0	-46.28	-2.00
		-15.34	-46.28	-0.01	0.0	100.0	-1581.03	-0.13	0.53	0.0	6.92	-15.34
3615	4	-2.13	6.07	2.36e-03	0.0	0.0	-1346.51	-0.11	0.46	0.0	-40.06	-2.13
		-13.16	-40.06	-8.84e-03	0.0	100.0	-1342.95	-0.11	0.46	0.0	6.07	-13.16
3615	5	-2.13	6.07	2.36e-03	0.0	0.0	-1346.51	-0.11	0.46	0.0	-40.06	-2.13
		-13.16	-40.06	-8.84e-03	0.0	100.0	-1342.95	-0.11	0.46	0.0	6.07	-13.16
3616	1	-11.11	118.20	4.04e-03	0.0	0.0	-1357.64	-0.15	-0.51	0.0	118.20	-11.11
		-26.04	67.36	-0.03	0.0	100.0	-1353.02	-0.15	-0.51	0.0	67.36	-26.04
3616	2	-8.82	95.20	3.26e-03	0.0	0.0	-1096.32	-0.12	-0.41	0.0	95.20	-8.82
		-21.00	54.16	-0.02	0.0	100.0	-1092.76	-0.12	-0.41	0.0	54.16	-21.00
3616	3	-8.42	89.01	3.03e-03	0.0	0.0	-1021.20	-0.11	-0.38	0.0	89.01	-8.42
		-19.61	50.80	-0.02	0.0	100.0	-1017.65	-0.11	-0.38	0.0	50.80	-19.61
3616	4	-7.63	76.65	2.58e-03	0.0	0.0	-871.02	-0.09	-0.33	0.0	76.65	-7.63

3616	5	-16.82	44.01	-0.02	0.0	100.0	-867.46	-0.09	-0.33	0.0	44.01	-16.82
		-7.63	76.65	2.58e-03	0.0	0.0	-871.02	-0.09	-0.33	0.0	76.65	-7.63
		-16.82	44.01	-0.02	0.0	100.0	-867.46	-0.09	-0.33	0.0	44.01	-16.82
3617	1	28.50	15.45	-3.28e-03	0.0	0.0	-1401.44	0.17	0.18	0.0	-2.44	11.43
		11.43	-2.44	-0.02	0.0	100.0	-1396.82	0.17	0.18	0.0	15.45	28.50
3617	2	22.99	12.41	-2.65e-03	0.0	0.0	-1131.65	0.14	0.14	0.0	-1.94	9.11
		9.11	-1.94	-0.01	0.0	100.0	-1128.10	0.14	0.14	0.0	12.41	22.99
3617	3	21.45	11.63	-2.47e-03	0.0	0.0	-1054.20	0.13	0.13	0.0	-1.82	8.64
		8.64	-1.82	-0.01	0.0	100.0	-1050.65	0.13	0.13	0.0	11.63	21.45
3617	4	18.36	10.11	-2.11e-03	0.0	0.0	-899.31	0.11	0.12	0.0	-1.64	7.70
		7.70	-1.64	-0.01	0.0	100.0	-895.75	0.11	0.12	0.0	10.11	18.36
3617	5	18.36	10.11	-2.11e-03	0.0	0.0	-899.31	0.11	0.12	0.0	-1.64	7.70
		7.70	-1.64	-0.01	0.0	100.0	-895.75	0.11	0.12	0.0	10.11	18.36
3618	1	23.10	-6.67	-2.84e-03	0.0	0.0	-2155.42	0.19	0.27	0.0	-33.90	4.10
		4.10	-33.90	-0.01	0.0	100.0	-2150.79	0.19	0.27	0.0	-6.67	23.10
3618	2	18.63	-5.39	-2.30e-03	0.0	0.0	-1742.08	0.15	0.22	0.0	-27.31	3.19
		3.19	-27.31	-9.66e-03	0.0	100.0	-1738.53	0.15	0.22	0.0	-5.39	18.63
3618	3	17.38	-5.02	-2.14e-03	0.0	0.0	-1620.64	0.14	0.20	0.0	-25.52	3.13
		3.13	-25.52	-9.04e-03	0.0	100.0	-1617.09	0.14	0.20	0.0	-5.02	17.38
3618	4	14.89	-4.27	-1.83e-03	0.0	0.0	-1377.79	0.12	0.18	0.0	-21.94	3.02
		3.02	-21.94	-7.79e-03	0.0	100.0	-1374.24	0.12	0.18	0.0	-4.27	14.89
3618	5	14.89	-4.27	-1.83e-03	0.0	0.0	-1377.79	0.12	0.18	0.0	-21.94	3.02
		3.02	-21.94	-7.79e-03	0.0	100.0	-1374.24	0.12	0.18	0.0	-4.27	14.89
3619	1	-2.59	7.61	3.98e-03	0.0	0.0	-2128.57	-0.19	0.69	0.0	-61.64	-2.59
		-21.53	-61.64	-0.01	0.0	100.0	-2123.95	-0.19	0.69	0.0	7.61	-21.53
3619	2	-1.94	6.11	3.22e-03	0.0	0.0	-1720.48	-0.15	0.56	0.0	-49.66	-1.94
		-17.36	-49.66	-0.01	0.0	100.0	-1716.92	-0.15	0.56	0.0	6.11	-17.36
3619	3	-2.01	5.73	2.99e-03	0.0	0.0	-1600.46	-0.14	0.52	0.0	-46.42	-2.01
		-16.21	-46.42	-9.81e-03	0.0	100.0	-1596.91	-0.14	0.52	0.0	5.73	-16.21
3619	4	-2.16	4.96	2.53e-03	0.0	0.0	-1360.32	-0.12	0.45	0.0	-39.96	-2.16
		-13.91	-39.96	-8.45e-03	0.0	100.0	-1356.77	-0.12	0.45	0.0	4.96	-13.91
3619	5	-2.16	4.96	2.53e-03	0.0	0.0	-1360.32	-0.12	0.45	0.0	-39.96	-2.16
		-13.91	-39.96	-8.45e-03	0.0	100.0	-1356.77	-0.12	0.45	0.0	4.96	-13.91
3620	1	-11.24	120.37	4.29e-03	0.0	0.0	-1350.76	-0.16	-0.55	0.0	120.37	-11.24
		-27.20	65.47	-0.03	0.0	100.0	-1346.13	-0.16	-0.55	0.0	65.47	-27.20
3620	2	-8.93	96.93	3.47e-03	0.0	0.0	-1090.79	-0.13	-0.44	0.0	96.93	-8.93
		-21.94	52.64	-0.02	0.0	100.0	-1087.24	-0.13	-0.44	0.0	52.64	-21.94
3620	3	-8.52	90.66	3.22e-03	0.0	0.0	-1016.04	-0.12	-0.41	0.0	90.66	-8.52
		-20.48	49.37	-0.02	0.0	100.0	-1012.48	-0.12	-0.41	0.0	49.37	-20.48
3620	4	-7.71	78.11	2.73e-03	0.0	0.0	-866.53	-0.10	-0.35	0.0	78.11	-7.71
		-17.55	42.75	-0.02	0.0	100.0	-862.97	-0.10	-0.35	0.0	42.75	-17.55
3620	5	-7.71	78.11	2.73e-03	0.0	0.0	-866.53	-0.10	-0.35	0.0	78.11	-7.71
		-17.55	42.75	-0.02	0.0	100.0	-862.97	-0.10	-0.35	0.0	42.75	-17.55
3621	1	21.01	17.99	-1.87e-03	0.0	0.0	-1471.07	0.22	0.23	0.0	-5.49	-1.05
		-1.05	-5.49	-0.02	0.0	100.0	-1466.45	0.22	0.23	0.0	17.99	21.01
3621	2	16.94	14.46	-1.52e-03	0.0	0.0	-1188.02	0.18	0.19	0.0	-4.41	-0.99
		-0.99	-4.41	-0.01	0.0	100.0	-1184.46	0.18	0.19	0.0	14.46	16.94
3621	3	15.82	13.54	-1.41e-03	0.0	0.0	-1106.53	0.17	0.18	0.0	-4.11	-0.74
		-0.74	-4.11	-0.01	0.0	100.0	-1102.98	0.17	0.18	0.0	13.54	15.82
3621	4	13.59	11.73	-1.20e-03	0.0	0.0	-943.58	0.14	0.15	0.0	-3.58	-0.21
		-0.21	-3.58	-0.01	0.0	100.0	-940.02	0.14	0.15	0.0	11.73	13.59
3621	5	13.59	11.73	-1.20e-03	0.0	0.0	-943.58	0.14	0.15	0.0	-3.58	-0.21
		-0.21	-3.58	-0.01	0.0	100.0	-940.02	0.14	0.15	0.0	11.73	13.59
3622	1	15.52	-9.69	-1.40e-03	0.0	0.0	-2232.50	0.21	0.20	0.0	-29.43	-5.92
		-5.92	-29.43	-0.01	0.0	100.0	-2227.87	0.21	0.20	0.0	-9.69	15.52
3622	2	12.51	-7.83	-1.14e-03	0.0	0.0	-1803.81	0.17	0.16	0.0	-23.71	-4.91
		-4.91	-23.71	-9.34e-03	0.0	100.0	-1800.26	0.17	0.16	0.0	-7.83	12.51
3622	3	11.69	-7.29	-1.06e-03	0.0	0.0	-1678.72	0.16	0.15	0.0	-22.15	-4.40
		-4.40	-22.15	-8.73e-03	0.0	100.0	-1675.17	0.16	0.15	0.0	-7.29	11.69
3622	4	10.05	-6.23	-8.90e-04	0.0	0.0	-1428.81	0.13	0.13	0.0	-19.05	-3.36
		-3.36	-19.05	-7.53e-03	0.0	100.0	-1425.25	0.13	0.13	0.0	-6.23	10.05
3622	5	10.05	-6.23	-8.90e-04	0.0	0.0	-1428.81	0.13	0.13	0.0	-19.05	-3.36
		-3.36	-19.05	-7.53e-03	0.0	100.0	-1425.25	0.13	0.13	0.0	-6.23	10.05
3623	1	1.44	4.71	3.38e-03	0.0	0.0	-2206.74	-0.21	0.61	0.0	-56.72	1.44
		-19.22	-56.72	-0.01	0.0	100.0	-2202.12	-0.21	0.61	0.0	4.71	-19.22
3623	2	1.37	3.80	2.73e-03	0.0	0.0	-1782.95	-0.17	0.50	0.0	-45.73	1.37
		-15.47	-45.73	-9.94e-03	0.0	100.0	-1779.39	-0.17	0.50	0.0	3.80	-15.47
3623	3	0.98	3.55	2.54e-03	0.0	0.0	-1659.69	-0.15	0.46	0.0	-42.71	0.98
		-14.48	-42.71	-9.30e-03	0.0	100.0	-1656.13	-0.15	0.46	0.0	3.55	-14.48
3623	4	0.21	3.01	2.16e-03	0.0	0.0	-1412.73	-0.13	0.40	0.0	-36.66	0.21
		-12.51	-36.66	-8.00e-03	0.0	100.0	-1409.18	-0.13	0.40	0.0	3.01	-12.51
3623	5	0.21	3.01	2.16e-03	0.0	0.0	-1412.73	-0.13	0.40	0.0	-36.66	0.21
		-12.51	-36.66	-8.00e-03	0.0	100.0	-1409.18	-0.13	0.40	0.0	3.01	-12.51
3624	1	-3.12	123.77	3.81e-03	0.0	0.0	-1361.35	-0.21	-0.61	0.0	123.77	-3.12
		-24.52	62.59	-0.02	0.0	100.0	-1356.73	-0.21	-0.61	0.0	62.59	-24.52
3624	2	-2.32	99.65	3.08e-03	0.0	0.0	-1099.49	-0.17	-0.49	0.0	99.65	-2.32
		-19.74	50.33	-0.02	0.0	100.0	-1095.94	-0.17	-0.49	0.0	50.33	-19.74

3624	3	-2.46	93.22	2.86e-03	0.0	0.0	-1023.91	-0.16	-0.46	0.0	93.22	-2.46
		-18.47	47.20	-0.02	0.0	100.0	-1020.36	-0.16	-0.46	0.0	47.20	-18.47
3624	4	-2.70	80.36	2.44e-03	0.0	0.0	-872.81	-0.13	-0.39	0.0	80.36	-2.70
		-15.91	40.86	-0.02	0.0	100.0	-869.26	-0.13	-0.39	0.0	40.86	-15.91
3624	5	-2.70	80.36	2.44e-03	0.0	0.0	-872.81	-0.13	-0.39	0.0	80.36	-2.70
		-15.91	40.86	-0.02	0.0	100.0	-869.26	-0.13	-0.39	0.0	40.86	-15.91
3625	1	17.68	20.79	-1.01e-03	0.0	0.0	-1432.40	0.21	0.30	0.0	-8.82	-3.21
		-3.21	-8.82	-0.02	0.0	100.0	-1427.77	0.21	0.30	0.0	20.79	17.68
3625	2	14.26	16.73	-8.14e-04	0.0	0.0	-1156.81	0.17	0.24	0.0	-7.11	-2.74
		-2.74	-7.11	-0.01	0.0	100.0	-1153.25	0.17	0.24	0.0	16.73	14.26
3625	3	13.31	15.65	-7.59e-04	0.0	0.0	-1077.39	0.16	0.22	0.0	-6.61	-2.36
		-2.36	-6.61	-0.01	0.0	100.0	-1073.84	0.16	0.22	0.0	15.65	13.31
3625	4	11.42	13.52	-6.46e-04	0.0	0.0	-918.60	0.13	0.19	0.0	-5.69	-1.59
		-1.59	-5.69	-0.01	0.0	100.0	-915.05	0.13	0.19	0.0	13.52	11.42
3625	5	11.42	13.52	-6.46e-04	0.0	0.0	-918.60	0.13	0.19	0.0	-5.69	-1.59
		-1.59	-5.69	-0.01	0.0	100.0	-915.05	0.13	0.19	0.0	13.52	11.42
3626	1	11.51	-12.85	-5.15e-04	0.0	0.0	-2109.29	0.22	0.12	0.0	-24.90	-10.04
		-10.04	-24.90	-0.01	0.0	100.0	-2104.66	0.22	0.12	0.0	-12.85	11.51
3626	2	9.27	-10.40	-4.19e-04	0.0	0.0	-1704.42	0.18	0.10	0.0	-20.01	-8.25
		-8.25	-20.01	-8.99e-03	0.0	100.0	-1700.87	0.18	0.10	0.0	-10.40	9.27
3626	3	8.66	-9.68	-3.89e-04	0.0	0.0	-1586.17	0.16	0.09	0.0	-18.74	-7.50
		-7.50	-18.74	-8.42e-03	0.0	100.0	-1582.61	0.16	0.09	0.0	-9.68	8.66
3626	4	7.45	-8.20	-3.24e-04	0.0	0.0	-1349.63	0.13	0.08	0.0	-16.25	-5.97
		-5.97	-16.25	-7.27e-03	0.0	100.0	-1346.08	0.13	0.08	0.0	-8.20	7.45
3626	5	7.45	-8.20	-3.24e-04	0.0	0.0	-1349.63	0.13	0.08	0.0	-16.25	-5.97
		-5.97	-16.25	-7.27e-03	0.0	100.0	-1346.08	0.13	0.08	0.0	-8.20	7.45
3627	1	-6.12	-0.07	4.28e-03	0.0	0.0	-2085.39	-0.18	0.50	0.0	-50.29	-6.12
		-24.44	-50.29	-0.01	0.0	100.0	-2080.76	-0.18	0.50	0.0	-0.07	-24.44
3627	2	-4.75	-0.07	3.46e-03	0.0	0.0	-1685.39	-0.15	0.40	0.0	-40.52	-4.75
		-19.69	-40.52	-9.14e-03	0.0	100.0	-1681.83	-0.15	0.40	0.0	-0.07	-19.69
3627	3	-4.69	-0.06	3.22e-03	0.0	0.0	-1567.74	-0.14	0.38	0.0	-37.87	-4.69
		-18.42	-37.87	-8.55e-03	0.0	100.0	-1564.19	-0.14	0.38	0.0	-0.06	-18.42
3627	4	-4.58	-0.06	2.74e-03	0.0	0.0	-1333.00	-0.11	0.32	0.0	-32.56	-4.58
		-15.87	-32.56	-7.35e-03	0.0	100.0	-1329.44	-0.11	0.32	0.0	-0.06	-15.87
3627	5	-4.58	-0.06	2.74e-03	0.0	0.0	-1333.00	-0.11	0.32	0.0	-32.56	-4.58
		-15.87	-32.56	-7.35e-03	0.0	100.0	-1329.44	-0.11	0.32	0.0	-0.06	-15.87
3628	1	-14.40	128.25	4.56e-03	0.0	0.0	-1333.91	-0.16	-0.69	0.0	128.25	-14.40
		-30.57	58.89	-0.02	0.0	100.0	-1329.29	-0.16	-0.69	0.0	58.89	-30.57
3628	2	-11.42	103.25	3.69e-03	0.0	0.0	-1077.46	-0.13	-0.56	0.0	103.25	-11.42
		-24.62	47.36	-0.02	0.0	100.0	-1073.90	-0.13	-0.56	0.0	47.36	-24.62
3628	3	-10.91	96.61	3.43e-03	0.0	0.0	-1003.31	-0.12	-0.52	0.0	96.61	-10.91
		-23.02	44.40	-0.02	0.0	100.0	-999.76	-0.12	-0.52	0.0	44.40	-23.02
3628	4	-9.92	83.32	2.92e-03	0.0	0.0	-854.85	-0.10	-0.45	0.0	83.32	-9.92
		-19.81	38.44	-0.02	0.0	100.0	-851.29	-0.10	-0.45	0.0	38.44	-19.81
3628	5	-9.92	83.32	2.92e-03	0.0	0.0	-854.85	-0.10	-0.45	0.0	83.32	-9.92
		-19.81	38.44	-0.02	0.0	100.0	-851.29	-0.10	-0.45	0.0	38.44	-19.81
3629	1	18.28	30.97	-7.32e-04	0.0	0.0	-1129.05	0.12	0.48	0.0	-17.39	6.14
		6.14	-17.39	-0.02	0.0	100.0	-1124.43	0.12	0.48	0.0	30.97	18.28
3629	2	14.77	24.95	-5.94e-04	0.0	0.0	-912.31	0.10	0.39	0.0	-14.02	4.90
		4.90	-14.02	-0.01	0.0	100.0	-908.75	0.10	0.39	0.0	24.95	14.77
3629	3	13.74	23.31	-5.50e-04	0.0	0.0	-849.01	0.09	0.36	0.0	-13.05	4.64
		4.64	-13.05	-0.01	0.0	100.0	-845.46	0.09	0.36	0.0	23.31	13.74
3629	4	11.67	20.07	-4.57e-04	0.0	0.0	-722.46	0.08	0.31	0.0	-11.21	4.13
		4.13	-11.21	-0.01	0.0	100.0	-718.90	0.08	0.31	0.0	20.07	11.67
3629	5	11.67	20.07	-4.57e-04	0.0	0.0	-722.46	0.08	0.31	0.0	-11.21	4.13
		4.13	-11.21	-0.01	0.0	100.0	-718.90	0.08	0.31	0.0	20.07	11.67
3630	1	9.81	0.49	-1.02e-04	0.0	0.0	-1753.99	0.22	0.43	0.0	-42.23	-12.36
		-12.36	-42.23	-0.01	0.0	100.0	-1749.37	0.22	0.43	0.0	0.49	9.81
3630	2	7.95	0.36	-8.81e-05	0.0	0.0	-1418.62	0.18	0.34	0.0	-33.97	-10.02
		-10.02	-33.97	-0.01	0.0	100.0	-1415.07	0.18	0.34	0.0	0.36	7.95
3630	3	7.37	0.36	-7.64e-05	0.0	0.0	-1318.39	0.17	0.32	0.0	-31.78	-9.29
		-9.29	-31.78	-0.01	0.0	100.0	-1314.83	0.17	0.32	0.0	0.36	7.37
3630	4	6.23	0.39	6.81e-05	0.0	0.0	-1117.93	0.14	0.28	0.0	-27.48	-7.80
		-7.80	-27.48	-8.70e-03	0.0	100.0	-1114.38	0.14	0.28	0.0	0.39	6.23
3630	5	6.23	0.39	6.81e-05	0.0	0.0	-1117.93	0.14	0.28	0.0	-27.48	-7.80
		-7.80	-27.48	-8.70e-03	0.0	100.0	-1114.38	0.14	0.28	0.0	0.39	6.23
3631	1	-32.28	-2.22	6.50e-03	0.0	0.0	-2097.82	-0.06	0.53	0.0	-54.96	-32.28
		-38.16	-54.96	-0.01	0.0	100.0	-2093.20	-0.06	0.53	0.0	-2.22	-38.16
3631	2	-25.86	-1.81	5.25e-03	0.0	0.0	-1696.03	-0.05	0.42	0.0	-44.27	-25.86
		-30.75	-44.27	-8.36e-03	0.0	100.0	-1692.47	-0.05	0.42	0.0	-1.81	-30.75
3631	3	-24.38	-1.67	4.89e-03	0.0	0.0	-1577.20	-0.04	0.40	0.0	-41.38	-24.38
		-28.74	-41.38	-7.81e-03	0.0	100.0	-1573.65	-0.04	0.40	0.0	-1.67	-28.74
3631	4	-21.45	-1.43	4.19e-03	0.0	0.0	-1339.37	-0.03	0.34	0.0	-35.57	-21.45
		-24.70	-35.57	-6.72e-03	0.0	100.0	-1335.82	-0.03	0.34	0.0	-1.43	-24.70
3631	5	-21.45	-1.43	4.19e-03	0.0	0.0	-1339.37	-0.03	0.34	0.0	-35.57	-21.45
		-24.70	-35.57	-6.72e-03	0.0	100.0	-1335.82	-0.03	0.34	0.0	-1.43	-24.70
3632	1	-35.53	132.27	6.94e-03	0.0	0.0	-1342.87	-0.07	-0.77	0.0	132.27	-35.53

3632	2	-42.49	55.35	-0.02	0.0	100.0	-1338.25	-0.07	-0.77	0.0	55.35	-42.49
		-28.50	106.48	5.59e-03	0.0	0.0	-1084.52	-0.06	-0.62	0.0	106.48	-28.50
3632	3	-34.25	44.51	-0.02	0.0	100.0	-1080.97	-0.06	-0.62	0.0	44.51	-34.25
		-26.82	99.65	5.22e-03	0.0	0.0	-1010.07	-0.05	-0.58	0.0	99.65	-26.82
3632	4	-31.99	41.72	-0.02	0.0	100.0	-1006.51	-0.05	-0.58	0.0	41.72	-31.99
		-23.47	85.96	4.47e-03	0.0	0.0	-861.17	-0.04	-0.50	0.0	85.96	-23.47
3632	5	-27.46	36.13	-0.02	0.0	100.0	-857.62	-0.04	-0.50	0.0	36.13	-27.46
		-23.47	85.96	4.47e-03	0.0	0.0	-861.17	-0.04	-0.50	0.0	85.96	-23.47
3633	1	-27.46	36.13	-0.02	0.0	100.0	-857.62	-0.04	-0.50	0.0	36.13	-27.46
		16.08	32.66	-1.03e-03	0.0	0.0	-1229.52	0.24	-0.07	0.0	32.66	-7.74
3633	2	-7.74	25.21	-0.02	0.0	100.0	-1224.90	0.24	-0.07	0.0	25.21	16.08
		13.02	26.25	-8.44e-04	0.0	0.0	-993.43	0.19	-0.06	0.0	26.25	-6.26
3633	3	-6.26	20.33	-0.02	0.0	100.0	-989.88	0.19	-0.06	0.0	20.33	13.02
		12.08	24.67	-7.72e-04	0.0	0.0	-924.61	0.18	-0.06	0.0	24.67	-5.81
3633	4	-5.81	18.97	-0.01	0.0	100.0	-921.05	0.18	-0.06	0.0	18.97	12.08
		10.21	21.40	-6.28e-04	0.0	0.0	-786.98	0.15	-0.05	0.0	21.40	-4.91
3633	5	-4.91	16.25	-0.01	0.0	100.0	-783.43	0.15	-0.05	0.0	16.25	10.21
		10.21	21.40	-6.28e-04	0.0	0.0	-786.98	0.15	-0.05	0.0	21.40	-4.91
3634	1	-4.91	16.25	-0.01	0.0	100.0	-783.43	0.15	-0.05	0.0	16.25	10.21
		9.75	10.21	-6.79e-04	0.0	0.0	-1999.98	0.27	0.56	0.0	-45.75	-17.71
3634	2	-17.71	-45.75	-0.02	0.0	100.0	-1995.35	0.27	0.56	0.0	10.21	9.75
		7.92	8.23	-5.62e-04	0.0	0.0	-1616.98	0.22	0.45	0.0	-36.90	-14.30
3634	3	-14.30	-36.90	-0.01	0.0	100.0	-1613.42	0.22	0.45	0.0	8.23	7.92
		7.32	7.65	-5.08e-04	0.0	0.0	-1503.49	0.21	0.42	0.0	-34.38	-13.32
3634	4	-13.32	-34.38	-0.01	0.0	100.0	-1499.94	0.21	0.42	0.0	7.65	7.32
		6.14	6.55	-3.99e-04	0.0	0.0	-1276.52	0.17	0.36	0.0	-29.44	-11.34
3634	5	-11.34	-29.44	-0.01	0.0	100.0	-1272.96	0.17	0.36	0.0	6.55	6.14
		6.14	6.55	-3.99e-04	0.0	0.0	-1276.52	0.17	0.36	0.0	-29.44	-11.34
3635	1	-11.34	-29.44	-0.01	0.0	100.0	-1272.96	0.17	0.36	0.0	6.55	6.14
		-24.17	-8.73	6.23e-03	0.0	0.0	-2128.96	-0.12	0.41	0.0	-49.69	-24.17
3635	2	-36.17	-49.69	-8.90e-03	0.0	100.0	-2124.34	-0.12	0.41	0.0	-8.73	-36.17
		-19.27	-7.02	5.03e-03	0.0	0.0	-1720.96	-0.10	0.33	0.0	-40.10	-19.27
3635	3	-29.14	-40.10	-7.17e-03	0.0	100.0	-1717.40	-0.10	0.33	0.0	-7.02	-29.14
		-18.29	-6.58	4.69e-03	0.0	0.0	-1600.60	-0.09	0.31	0.0	-37.39	-18.29
3635	4	-27.24	-37.39	-6.70e-03	0.0	100.0	-1597.04	-0.09	0.31	0.0	-6.58	-27.24
		-16.32	-5.76	4.01e-03	0.0	0.0	-1360.05	-0.07	0.26	0.0	-31.91	-16.32
3635	5	-23.43	-31.91	-5.75e-03	0.0	100.0	-1356.49	-0.07	0.26	0.0	-5.76	-23.43
		-16.32	-5.76	4.01e-03	0.0	0.0	-1360.05	-0.07	0.26	0.0	-31.91	-16.32
3636	1	-23.43	-31.91	-5.75e-03	0.0	100.0	-1356.49	-0.07	0.26	0.0	-5.76	-23.43
		-29.78	136.59	6.58e-03	0.0	0.0	-1333.48	-0.11	-0.85	0.0	136.59	-29.78
3636	2	-40.84	51.54	-0.02	0.0	100.0	-1328.86	-0.11	-0.85	0.0	51.54	-40.84
		-23.83	109.95	5.31e-03	0.0	0.0	-1076.88	-0.09	-0.69	0.0	109.95	-23.83
3636	3	-32.92	41.44	-0.02	0.0	100.0	-1073.32	-0.09	-0.69	0.0	41.44	-32.92
		-22.50	102.91	4.95e-03	0.0	0.0	-1003.01	-0.08	-0.64	0.0	102.91	-22.50
3636	4	-30.76	38.84	-0.02	0.0	100.0	-999.45	-0.08	-0.64	0.0	38.84	-30.76
		-19.81	88.80	4.24e-03	0.0	0.0	-855.29	-0.07	-0.55	0.0	88.80	-19.81
3636	5	-26.41	33.63	-0.01	0.0	100.0	-851.73	-0.07	-0.55	0.0	33.63	-26.41
		-19.81	88.80	4.24e-03	0.0	0.0	-855.29	-0.07	-0.55	0.0	88.80	-19.81
3637	1	-26.41	33.63	-0.01	0.0	100.0	-851.73	-0.07	-0.55	0.0	33.63	-26.41
		25.53	52.64	-2.54e-03	0.0	0.0	-1518.49	0.10	-0.42	0.0	52.64	15.58
3637	2	15.58	10.42	-0.02	0.0	100.0	-1513.87	0.10	-0.42	0.0	10.42	25.53
		20.60	42.32	-2.05e-03	0.0	0.0	-1225.89	0.08	-0.34	0.0	42.32	12.43
3637	3	12.43	8.44	-0.01	0.0	100.0	-1222.33	0.08	-0.34	0.0	8.44	20.60
		19.22	39.73	-1.91e-03	0.0	0.0	-1142.41	0.07	-0.32	0.0	39.73	11.80
3637	4	11.80	7.82	-0.01	0.0	100.0	-1138.85	0.07	-0.32	0.0	7.82	19.22
		16.45	34.45	-1.62e-03	0.0	0.0	-975.39	0.06	-0.28	0.0	34.45	10.50
3637	5	10.50	6.60	-0.01	0.0	100.0	-971.84	0.06	-0.28	0.0	6.60	16.45
		16.45	34.45	-1.62e-03	0.0	0.0	-975.39	0.06	-0.28	0.0	34.45	10.50
3638	1	10.50	6.60	-0.01	0.0	100.0	-971.84	0.06	-0.28	0.0	6.60	16.45
		19.37	13.62	-2.08e-03	0.0	0.0	-2194.40	0.14	0.83	0.0	-69.73	5.19
3638	2	5.19	-69.73	-0.01	0.0	100.0	-2189.78	0.14	0.83	0.0	13.62	19.37
		15.63	11.04	-1.69e-03	0.0	0.0	-1773.52	0.12	0.67	0.0	-56.34	4.05
3638	3	4.05	-56.34	-0.01	0.0	100.0	-1769.97	0.12	0.67	0.0	11.04	15.63
		14.58	10.20	-1.57e-03	0.0	0.0	-1650.10	0.11	0.63	0.0	-52.39	3.97
3638	4	3.97	-52.39	-0.01	0.0	100.0	-1646.55	0.11	0.63	0.0	10.20	14.58
		12.47	8.58	-1.32e-03	0.0	0.0	-1403.15	0.09	0.53	0.0	-44.59	3.78
3638	5	3.78	-44.59	-9.60e-03	0.0	100.0	-1399.59	0.09	0.53	0.0	8.58	12.47
		12.47	8.58	-1.32e-03	0.0	0.0	-1403.15	0.09	0.53	0.0	-44.59	3.78
3639	1	3.78	-44.59	-9.60e-03	0.0	100.0	-1399.59	0.09	0.53	0.0	8.58	12.47
		-4.73	-17.16	4.73e-03	0.0	0.0	-2154.92	-0.21	0.24	0.0	-41.48	-4.73
3639	2	-26.15	-41.48	-7.14e-03	0.0	100.0	-2150.29	-0.21	0.24	0.0	-17.16	-26.15
		-3.67	-13.77	3.82e-03	0.0	0.0	-1741.66	-0.17	0.20	0.0	-33.58	-3.67
3639	3	-21.07	-33.58	-5.76e-03	0.0	100.0	-1738.10	-0.17	0.20	0.0	-13.77	-21.07
		-3.62	-12.95	3.56e-03	0.0	0.0	-1620.34	-0.16	0.18	0.0	-31.17	-3.62
3639	4	-19.69	-31.17	-5.38e-03	0.0	100.0	-1616.78	-0.16	0.18	0.0	-12.95	-19.69
		-3.53	-11.35	3.04e-03	0.0	0.0	-1377.68	-0.13	0.15	0.0	-26.31	-3.53
		-16.92	-26.31	-4.60e-03	0.0	100.0	-1374.12	-0.13	0.15	0.0	-11.35	-16.92



3639	5	-3.53	-11.35	3.04e-03	0.0	0.0	-1377.68	-0.13	0.15	0.0	-26.31	-3.53
		-16.92	-26.31	-4.60e-03	0.0	100.0	-1374.12	-0.13	0.15	0.0	-11.35	-16.92
3640	1	-12.42	141.23	5.07e-03	0.0	0.0	-1355.44	-0.19	-0.94	0.0	141.23	-12.42
		-31.61	47.60	-0.02	0.0	100.0	-1350.81	-0.19	-0.94	0.0	47.60	-31.61
3640	2	-9.90	113.68	4.09e-03	0.0	0.0	-1094.47	-0.16	-0.75	0.0	113.68	-9.90
		-25.48	38.28	-0.02	0.0	100.0	-1090.91	-0.16	-0.75	0.0	38.28	-25.48
3640	3	-9.41	106.41	3.81e-03	0.0	0.0	-1019.61	-0.14	-0.71	0.0	106.41	-9.41
		-23.79	35.88	-0.02	0.0	100.0	-1016.06	-0.14	-0.71	0.0	35.88	-23.79
3640	4	-8.43	91.87	3.26e-03	0.0	0.0	-869.91	-0.12	-0.61	0.0	91.87	-8.43
		-20.42	31.06	-0.01	0.0	100.0	-866.35	-0.12	-0.61	0.0	31.06	-20.42
3640	5	-8.43	91.87	3.26e-03	0.0	0.0	-869.91	-0.12	-0.61	0.0	91.87	-8.43
		-20.42	31.06	-0.01	0.0	100.0	-866.35	-0.12	-0.61	0.0	31.06	-20.42
3642	1	440.50	0.0	-0.03	0.0	0.0	-1560.07	11.01	-5.03	0.0	0.0	0.0
		0.0	-201.19	0.08	0.0	40.0	-1558.22	11.01	-5.03	0.0	-201.19	440.50
3642	2	354.26	0.0	-0.02	0.0	0.0	-1256.55	8.86	-4.05	0.0	0.0	0.0
		0.0	-161.98	0.06	0.0	40.0	-1255.13	8.86	-4.05	0.0	-161.98	354.26
3642	3	332.00	0.0	-0.02	0.0	0.0	-1174.98	8.30	-3.79	0.0	0.0	0.0
		0.0	-151.56	0.06	0.0	40.0	-1173.55	8.30	-3.79	0.0	-151.56	332.00
3642	4	287.29	0.0	-0.02	0.0	0.0	-1011.86	7.18	-3.27	0.0	0.0	0.0
		0.0	-130.70	0.05	0.0	40.0	-1010.43	7.18	-3.27	0.0	-130.70	287.29
3642	5	287.29	0.0	-0.02	0.0	0.0	-1011.86	7.18	-3.27	0.0	0.0	0.0
		0.0	-130.70	0.05	0.0	40.0	-1010.43	7.18	-3.27	0.0	-130.70	287.29
3643	1	23.88	-1.04	-6.79e-03	0.0	0.0	-1293.11	-0.54	-0.04	0.0	-1.04	23.88
		-30.03	-4.80	-0.02	0.0	100.0	-1288.49	-0.54	-0.04	0.0	-4.80	-30.03
3643	2	19.13	-0.84	-5.46e-03	0.0	0.0	-1041.35	-0.43	-0.03	0.0	-0.84	19.13
		-24.16	-3.87	-0.01	0.0	100.0	-1037.79	-0.43	-0.03	0.0	-3.87	-24.16
3643	3	18.03	-0.78	-5.12e-03	0.0	0.0	-974.01	-0.41	-0.03	0.0	-0.78	18.03
		-22.62	-3.61	-0.01	0.0	100.0	-970.46	-0.41	-0.03	0.0	-3.61	-22.62
3643	4	15.80	-0.65	-4.44e-03	0.0	0.0	-839.23	-0.35	-0.02	0.0	-0.65	15.80
		-19.54	-3.09	-0.01	0.0	100.0	-835.68	-0.35	-0.02	0.0	-3.09	-19.54
3643	5	15.80	-0.65	-4.44e-03	0.0	0.0	-839.23	-0.35	-0.02	0.0	-0.65	15.80
		-19.54	-3.09	-0.01	0.0	100.0	-835.68	-0.35	-0.02	0.0	-3.09	-19.54
3644	1	24.36	16.98	-6.81e-03	0.0	0.0	-1802.54	-0.56	1.28	0.0	-110.87	24.36
		-31.86	-110.87	-0.01	0.0	100.0	-1797.92	-0.56	1.28	0.0	16.98	-31.86
3644	2	19.52	13.69	-5.47e-03	0.0	0.0	-1450.96	-0.45	1.03	0.0	-89.26	19.52
		-25.63	-89.26	-0.01	0.0	100.0	-1447.40	-0.45	1.03	0.0	13.69	-25.63
3644	3	18.39	12.78	-5.13e-03	0.0	0.0	-1357.94	-0.42	0.96	0.0	-83.51	18.39
		-24.00	-83.51	-9.42e-03	0.0	100.0	-1354.39	-0.42	0.96	0.0	12.78	-24.00
3644	4	16.11	10.96	-4.45e-03	0.0	0.0	-1171.91	-0.37	0.83	0.0	-72.03	16.11
		-20.73	-72.03	-8.10e-03	0.0	100.0	-1168.35	-0.37	0.83	0.0	10.96	-20.73
3644	5	16.11	10.96	-4.45e-03	0.0	0.0	-1171.91	-0.37	0.83	0.0	-72.03	16.11
		-20.73	-72.03	-8.10e-03	0.0	100.0	-1168.35	-0.37	0.83	0.0	10.96	-20.73
3645	1	25.93	93.50	-1.82e-03	0.0	0.0	-1219.58	0.11	-1.12	0.0	93.50	14.85
		14.85	-18.26	-0.01	0.0	100.0	-1214.96	0.11	-1.12	0.0	-18.26	25.93
3645	2	20.87	75.20	-1.47e-03	0.0	0.0	-984.23	0.09	-0.90	0.0	75.20	11.78
		11.78	-14.65	-9.70e-03	0.0	100.0	-980.67	0.09	-0.90	0.0	-14.65	20.87
3645	3	19.54	70.51	-1.37e-03	0.0	0.0	-917.67	0.08	-0.84	0.0	70.51	11.27
		11.27	-13.79	-9.05e-03	0.0	100.0	-914.11	0.08	-0.84	0.0	-13.79	19.54
3645	4	16.87	61.02	-1.19e-03	0.0	0.0	-784.56	0.07	-0.73	0.0	61.02	10.21
		10.21	-12.06	-7.76e-03	0.0	100.0	-781.01	0.07	-0.73	0.0	-12.06	16.87
3645	5	16.87	61.02	-1.19e-03	0.0	0.0	-784.56	0.07	-0.73	0.0	61.02	10.21
		10.21	-12.06	-7.76e-03	0.0	100.0	-781.01	0.07	-0.73	0.0	-12.06	16.87
3646	1	19.61	-16.70	-1.38e-03	0.0	0.0	-1815.72	0.16	0.29	0.0	-46.20	3.77
		3.77	-46.20	-8.71e-03	0.0	100.0	-1811.10	0.16	0.29	0.0	-16.70	19.61
3646	2	15.77	-13.35	-1.11e-03	0.0	0.0	-1466.23	0.13	0.24	0.0	-37.43	2.84
		2.84	-37.43	-7.03e-03	0.0	100.0	-1462.67	0.13	0.24	0.0	-13.35	15.77
3646	3	14.77	-12.63	-1.04e-03	0.0	0.0	-1365.85	0.12	0.22	0.0	-34.69	2.93
		2.93	-34.69	-6.55e-03	0.0	100.0	-1362.30	0.12	0.22	0.0	-12.63	14.77
3646	4	12.79	-11.16	-8.94e-04	0.0	0.0	-1164.85	0.10	0.18	0.0	-29.23	3.08
		3.08	-29.23	-5.60e-03	0.0	100.0	-1161.30	0.10	0.18	0.0	-11.16	12.79
3646	5	12.79	-11.16	-8.94e-04	0.0	0.0	-1164.85	0.10	0.18	0.0	-29.23	3.08
		3.08	-29.23	-5.60e-03	0.0	100.0	-1161.30	0.10	0.18	0.0	-11.16	12.79
3647	1	-4.08	-12.69	1.97e-03	0.0	0.0	-1793.47	-0.07	-0.28	0.0	-12.69	-4.08
		-10.82	-40.54	-2.96e-03	0.0	100.0	-1788.85	-0.07	-0.28	0.0	-40.54	-10.82
3647	2	-3.18	-10.46	1.59e-03	0.0	0.0	-1448.24	-0.06	-0.22	0.0	-10.46	-3.18
		-8.71	-32.57	-2.40e-03	0.0	100.0	-1444.68	-0.06	-0.22	0.0	-32.57	-8.71
3647	3	-3.12	-9.45	1.48e-03	0.0	0.0	-1349.04	-0.05	-0.21	0.0	-9.45	-3.12
		-8.15	-30.58	-2.23e-03	0.0	100.0	-1345.48	-0.05	-0.21	0.0	-30.58	-8.15
3647	4	-3.01	-7.39	1.26e-03	0.0	0.0	-1150.80	-0.04	-0.19	0.0	-7.39	-3.01
		-7.03	-26.63	-1.87e-03	0.0	100.0	-1147.25	-0.04	-0.19	0.0	-26.63	-7.03
3647	5	-3.01	-7.39	1.26e-03	0.0	0.0	-1150.80	-0.04	-0.19	0.0	-7.39	-3.01
		-7.03	-26.63	-1.87e-03	0.0	100.0	-1147.25	-0.04	-0.19	0.0	-26.63	-7.03
3648	1	-17.50	139.77	2.21e-03	0.0	0.0	-1428.43	4.81e-03	-0.94	0.0	139.77	-17.98
		-17.98	46.23	-0.02	0.0	100.0	-1423.80	4.81e-03	-0.94	0.0	46.23	-17.50
3648	2	-14.09	112.49	1.78e-03	0.0	0.0	-1152.41	2.78e-03	-0.75	0.0	112.49	-14.37
		-14.37	37.18	-0.02	0.0	100.0	-1148.85	2.78e-03	-0.75	0.0	37.18	-14.09
3648	3	-13.18	105.32	1.66e-03	0.0	0.0	-1074.94	4.11e-03	-0.70	0.0	105.32	-13.59

		-13.59	34.84	-0.02	0.0	100.0	-1071.39	4.11e-03	-0.70	0.0	34.84	-13.18
3648	4	-11.36	90.98	1.42e-03	0.0	0.0	-920.07	6.97e-03	-0.61	0.0	90.98	-12.05
		-12.05	30.14	-0.01	0.0	100.0	-916.52	6.97e-03	-0.61	0.0	30.14	-11.36
3648	5	-11.36	90.98	1.42e-03	0.0	0.0	-920.07	6.97e-03	-0.61	0.0	90.98	-12.05
		-12.05	30.14	-0.01	0.0	100.0	-916.52	6.97e-03	-0.61	0.0	30.14	-11.36
3649	1	32.98	87.36	-3.64e-03	0.0	0.0	-721.55	0.07	-1.13	0.0	87.36	26.40
		26.40	-26.04	-9.25e-03	0.0	100.0	-716.93	0.07	-1.13	0.0	-26.04	32.98
3649	2	26.58	70.26	-2.94e-03	0.0	0.0	-581.93	0.05	-0.91	0.0	70.26	21.15
		21.15	-20.90	-7.46e-03	0.0	100.0	-578.37	0.05	-0.91	0.0	-20.90	26.58
3649	3	24.83	65.87	-2.74e-03	0.0	0.0	-543.10	0.05	-0.86	0.0	65.87	19.92
		19.92	-19.64	-6.96e-03	0.0	100.0	-539.55	0.05	-0.86	0.0	-19.64	24.83
3649	4	21.36	57.02	-2.34e-03	0.0	0.0	-465.42	0.04	-0.74	0.0	57.02	17.48
		17.48	-17.12	-5.96e-03	0.0	100.0	-461.86	0.04	-0.74	0.0	-17.12	21.36
3649	5	21.36	57.02	-2.34e-03	0.0	0.0	-465.42	0.04	-0.74	0.0	57.02	17.48
		17.48	-17.12	-5.96e-03	0.0	100.0	-461.86	0.04	-0.74	0.0	-17.12	21.36
3650	1	29.40	6.66	-3.27e-03	0.0	0.0	-1308.36	0.07	-0.48	0.0	6.66	22.85
		22.85	-41.76	-5.80e-03	0.0	100.0	-1303.74	0.07	-0.48	0.0	-41.76	29.40
3650	2	23.69	5.22	-2.64e-03	0.0	0.0	-1056.17	0.05	-0.39	0.0	5.22	18.29
		18.29	-33.56	-4.69e-03	0.0	100.0	-1052.61	0.05	-0.39	0.0	-33.56	23.69
3650	3	22.14	5.08	-2.46e-03	0.0	0.0	-984.27	0.05	-0.37	0.0	5.08	17.24
		17.24	-31.49	-4.36e-03	0.0	100.0	-980.71	0.05	-0.37	0.0	-31.49	22.14
3650	4	19.05	4.80	-2.10e-03	0.0	0.0	-840.62	0.04	-0.32	0.0	4.80	15.16
		15.16	-27.35	-3.72e-03	0.0	100.0	-837.06	0.04	-0.32	0.0	-27.35	19.05
3650	5	19.05	4.80	-2.10e-03	0.0	0.0	-840.62	0.04	-0.32	0.0	4.80	15.16
		15.16	-27.35	-3.72e-03	0.0	100.0	-837.06	0.04	-0.32	0.0	-27.35	19.05
3651	1	43.53	53.91	-1.14e-03	0.0	0.0	-1377.54	-0.34	-1.23	0.0	53.91	43.53
		9.75	-69.36	6.79e-04	0.0	100.0	-1372.92	-0.34	-1.23	0.0	-69.36	9.75
3651	2	35.13	43.23	-9.18e-04	0.0	0.0	-1111.94	-0.27	-0.99	0.0	43.23	35.13
		7.86	-55.79	5.36e-04	0.0	100.0	-1108.39	-0.27	-0.99	0.0	-55.79	7.86
3651	3	32.74	40.68	-8.55e-04	0.0	0.0	-1036.33	-0.25	-0.93	0.0	40.68	32.74
		7.34	-52.28	5.14e-04	0.0	100.0	-1032.78	-0.25	-0.93	0.0	-52.28	7.34
3651	4	27.98	35.61	-7.28e-04	0.0	0.0	-885.23	-0.22	-0.81	0.0	35.61	27.98
		6.31	-45.28	4.75e-04	0.0	100.0	-881.67	-0.22	-0.81	0.0	-45.28	6.31
3651	5	27.98	35.61	-7.28e-04	0.0	0.0	-885.23	-0.22	-0.81	0.0	35.61	27.98
		6.31	-45.28	4.75e-04	0.0	100.0	-881.67	-0.22	-0.81	0.0	-45.28	6.31
3652	1	0.0	0.0	0.01	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	3.75e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3652	2	0.0	0.0	0.01	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	3.14e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3652	3	0.0	0.0	9.86e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	2.94e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3652	4	0.0	0.0	8.36e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	2.15e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3652	5	0.0	0.0	8.36e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	2.15e-04	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3653	1	394.54	25.02	-0.02	0.0	0.0	-1633.63	12.15	-0.78	0.0	25.02	-431.60
		-431.60	-28.26	2.99e-03	0.0	68.0	-1630.49	12.15	-0.78	0.0	-28.26	394.54
3653	2	319.02	20.48	-0.01	0.0	0.0	-1323.18	9.82	-0.64	0.0	20.48	-348.92
		-348.92	-23.12	2.47e-03	0.0	68.0	-1320.76	9.82	-0.64	0.0	-23.12	319.02
3653	3	296.73	17.32	-0.01	0.0	0.0	-1227.14	9.14	-0.55	0.0	17.32	-324.58
		-324.58	-19.76	2.11e-03	0.0	68.0	-1224.72	9.14	-0.55	0.0	-19.76	296.73
3653	4	252.08	14.82	-0.01	0.0	0.0	-1034.98	7.76	-0.47	0.0	14.82	-275.85
		-275.85	-16.87	1.73e-03	0.0	68.0	-1032.57	7.76	-0.47	0.0	-16.87	252.08
3653	5	252.08	14.82	-0.01	0.0	0.0	-1034.98	7.76	-0.47	0.0	14.82	-275.85
		-275.85	-16.87	1.73e-03	0.0	68.0	-1032.57	7.76	-0.47	0.0	-16.87	252.08
3657	1	28.58	178.80	0.01	0.0	0.0	-2281.26	-0.76	-2.97	0.0	178.80	28.58
		-32.28	-58.53	-4.86e-03	0.0	80.0	-2277.56	-0.76	-2.97	0.0	-58.53	-32.28
3657	2	22.96	144.02	9.97e-03	0.0	0.0	-1841.02	-0.61	-2.39	0.0	144.02	22.96
		-25.86	-47.15	-3.92e-03	0.0	80.0	-1838.17	-0.61	-2.39	0.0	-47.15	-25.86
3657	3	21.55	134.67	9.34e-03	0.0	0.0	-1716.50	-0.57	-2.23	0.0	134.67	21.55
		-24.38	-44.07	-3.67e-03	0.0	80.0	-1713.65	-0.57	-2.23	0.0	-44.07	-24.38
3657	4	18.75	115.93	8.10e-03	0.0	0.0	-1467.45	-0.50	-1.92	0.0	115.93	18.75
		-21.45	-37.87	-3.16e-03	0.0	80.0	-1464.61	-0.50	-1.92	0.0	-37.87	-21.45
3657	5	18.75	115.93	8.10e-03	0.0	0.0	-1467.45	-0.50	-1.92	0.0	115.93	18.75
		-21.45	-37.87	-3.16e-03	0.0	80.0	-1464.61	-0.50	-1.92	0.0	-37.87	-21.45
3658	1	34.50	296.16	0.01	0.0	0.0	-1417.57	-0.88	-2.05	0.0	296.16	34.50
		-35.53	132.27	-0.06	0.0	80.0	-1413.87	-0.88	-2.05	0.0	132.27	-35.53
3658	2	27.76	238.60	0.01	0.0	0.0	-1144.26	-0.70	-1.65	0.0	238.60	27.76
		-28.50	106.48	-0.05	0.0	80.0	-1141.42	-0.70	-1.65	0.0	106.48	-28.50
3658	3	26.00	223.03	0.01	0.0	0.0	-1066.52	-0.66	-1.54	0.0	223.03	26.00
		-26.82	99.65	-0.05	0.0	80.0	-1063.68	-0.66	-1.54	0.0	99.65	-26.82
3658	4	22.49	191.88	8.70e-03	0.0	0.0	-911.00	-0.57	-1.32	0.0	191.88	22.49
		-23.47	85.96	-0.04	0.0	80.0	-908.15	-0.57	-1.32	0.0	85.96	-23.47
3658	5	22.49	191.88	8.70e-03	0.0	0.0	-911.00	-0.57	-1.32	0.0	191.88	22.49
		-23.47	85.96	-0.04	0.0	80.0	-908.15	-0.57	-1.32	0.0	85.96	-23.47
3660	1	179.24	74.26	3.16e-03	0.0	0.0	-1562.29	-3.75	1.31	0.0	-14.78	179.24
		-75.81	-14.78	3.44e-03	0.0	68.0	-1559.15	-3.75	1.31	0.0	74.26	-75.81

3660	2	144.68	60.37	2.55e-03	0.0	0.0	-1265.32	-3.03	1.06	0.0	-12.04	144.68
		-61.16	-12.04	2.80e-03	0.0	68.0	-1262.90	-3.03	1.06	0.0	60.37	-61.16
3660	3	134.81	55.13	2.38e-03	0.0	0.0	-1173.44	-2.82	0.96	0.0	-10.49	134.81
		-57.13	-10.49	2.62e-03	0.0	68.0	-1171.02	-2.82	0.96	0.0	55.13	-57.13
3660	4	115.14	45.89	2.04e-03	0.0	0.0	-989.86	-2.41	0.80	0.0	-8.66	115.14
		-48.90	-8.66	2.14e-03	0.0	68.0	-987.45	-2.41	0.80	0.0	45.89	-48.90
3660	5	115.14	45.89	2.04e-03	0.0	0.0	-989.86	-2.41	0.80	0.0	-8.66	115.14
		-48.90	-8.66	2.14e-03	0.0	68.0	-987.45	-2.41	0.80	0.0	45.89	-48.90
3661	1	137.27	6.52	-6.62e-03	0.0	0.0	-359.96	-2.40	0.04	4.65	3.07	137.27
		-54.36	3.07	-1.74e-03	0.0	80.0	-356.26	-2.40	0.04	4.65	6.52	-54.36
3661	2	111.37	5.25	-5.34e-03	0.0	0.0	-292.19	-1.95	0.03	3.77	2.48	111.37
		-44.29	2.48	-1.39e-03	0.0	80.0	-289.34	-1.95	0.03	3.77	5.25	-44.29
3661	3	103.11	5.02	-4.97e-03	0.0	0.0	-270.11	-1.80	0.03	3.52	2.25	103.11
		-40.80	2.25	-1.34e-03	0.0	80.0	-267.26	-1.80	0.03	3.52	5.02	-40.80
3661	4	86.44	4.10	-4.25e-03	0.0	0.0	-226.02	-1.50	0.03	2.92	1.95	86.44
		-33.64	1.95	-1.18e-03	0.0	80.0	-223.18	-1.50	0.03	2.92	4.10	-33.64
3661	5	86.44	4.10	-4.25e-03	0.0	0.0	-226.02	-1.50	0.03	2.92	1.95	86.44
		-33.64	1.95	-1.18e-03	0.0	80.0	-223.18	-1.50	0.03	2.92	4.10	-33.64
3662	1	132.60	88.05	5.08e-04	0.0	0.0	-716.15	-3.56	1.35	2.59	-4.05	132.60
		-109.59	-4.05	1.65e-03	0.0	68.0	-713.00	-3.56	1.35	2.59	88.05	-109.59
3662	2	107.25	71.63	4.09e-04	0.0	0.0	-581.21	-2.88	1.10	2.09	-3.32	107.25
		-88.67	-3.32	1.36e-03	0.0	68.0	-578.79	-2.88	1.10	2.09	71.63	-88.67
3662	3	99.69	66.02	3.87e-04	0.0	0.0	-537.28	-2.68	1.01	2.08	-2.93	99.69
		-82.44	-2.93	1.22e-03	0.0	68.0	-534.87	-2.68	1.01	2.08	66.02	-82.44
3662	4	84.64	55.00	3.37e-04	0.0	0.0	-450.14	-2.27	0.85	1.79	-2.62	84.64
		-69.98	-2.62	9.48e-04	0.0	68.0	-447.72	-2.27	0.85	1.79	55.00	-69.98
3662	5	84.64	55.00	3.37e-04	0.0	0.0	-450.14	-2.27	0.85	1.79	-2.62	84.64
		-69.98	-2.62	9.48e-04	0.0	68.0	-447.72	-2.27	0.85	1.79	55.00	-69.98
3663	1	63.35	87.92	-1.23e-03	0.0	0.0	-965.93	-2.13	-1.33	2.50	87.92	63.35
		-90.30	-7.72	0.01	0.0	72.0	-962.60	-2.13	-1.33	2.50	-7.72	-90.30
3663	2	51.43	71.53	-9.90e-04	0.0	0.0	-783.70	-1.73	-1.08	1.99	71.53	51.43
		-73.24	-6.26	0.01	0.0	72.0	-781.14	-1.73	-1.08	1.99	-6.26	-73.24
3663	3	47.43	65.92	-9.28e-04	0.0	0.0	-724.95	-1.60	-1.00	1.90	65.92	47.43
		-67.69	-5.77	0.01	0.0	72.0	-722.39	-1.60	-1.00	1.90	-5.77	-67.69
3663	4	39.53	54.85	-8.01e-04	0.0	0.0	-607.39	-1.34	-0.83	1.71	54.85	39.53
		-56.69	-4.87	8.33e-03	0.0	72.0	-604.83	-1.34	-0.83	1.71	-4.87	-56.69
3663	5	39.53	54.85	-8.01e-04	0.0	0.0	-607.39	-1.34	-0.83	1.71	54.85	39.53
		-56.69	-4.87	8.33e-03	0.0	72.0	-604.83	-1.34	-0.83	1.71	-4.87	-56.69
3664	1	0.0	0.0	-4.49e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3664	2	0.0	0.0	-3.64e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3664	3	0.0	0.0	-3.38e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3664	4	0.0	0.0	-2.85e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	8.27e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3664	5	0.0	0.0	-2.85e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	8.27e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3665	1	58.48	15.16	4.34e-03	0.0	0.0	-379.06	2.48	0.15	-1.81	3.53	-139.63
		-139.63	3.53	-2.07e-03	0.0	80.0	-375.36	2.48	0.15	-1.81	15.16	58.48
3665	2	47.56	12.22	3.51e-03	0.0	0.0	-307.41	2.01	0.12	-1.48	2.85	-113.23
		-113.23	2.85	-1.65e-03	0.0	80.0	-304.57	2.01	0.12	-1.48	12.22	47.56
3665	3	43.75	10.99	3.27e-03	0.0	0.0	-284.40	1.86	0.10	-1.38	2.61	-104.72
		-104.72	2.61	-1.59e-03	0.0	80.0	-281.55	1.86	0.10	-1.38	10.99	43.75
3665	4	36.37	9.15	2.77e-03	0.0	0.0	-238.61	1.55	0.08	-1.13	2.38	-87.91
		-87.91	2.38	-1.38e-03	0.0	80.0	-235.76	1.55	0.08	-1.13	9.15	36.37
3665	5	36.37	9.15	2.77e-03	0.0	0.0	-238.61	1.55	0.08	-1.13	2.38	-87.91
		-87.91	2.38	-1.38e-03	0.0	80.0	-235.76	1.55	0.08	-1.13	9.15	36.37
3666	1	92.73	66.09	-1.36e-03	0.0	0.0	-717.92	3.02	0.86	-3.21	7.92	-112.41
		-112.41	7.92	2.10e-03	0.0	68.0	-714.78	3.02	0.86	-3.21	66.09	92.73
3666	2	75.19	53.93	-1.10e-03	0.0	0.0	-582.49	2.45	0.70	-2.60	6.34	-91.11
		-91.11	6.34	1.72e-03	0.0	68.0	-580.07	2.45	0.70	-2.60	53.93	75.19
3666	3	69.56	50.02	-1.02e-03	0.0	0.0	-538.61	2.26	0.65	-2.25	5.56	-84.36
		-84.36	5.56	1.50e-03	0.0	68.0	-536.19	2.26	0.65	-2.25	50.02	69.56
3666	4	58.24	41.33	-8.64e-04	0.0	0.0	-451.00	1.90	0.54	-2.03	4.47	-70.79
		-70.79	4.47	1.19e-03	0.0	68.0	-448.58	1.90	0.54	-2.03	41.33	58.24
3666	5	58.24	41.33	-8.64e-04	0.0	0.0	-451.00	1.90	0.54	-2.03	4.47	-70.79
		-70.79	4.47	1.19e-03	0.0	68.0	-448.58	1.90	0.54	-2.03	41.33	58.24
3667	1	68.63	67.17	-2.67e-04	0.0	0.0	-945.13	1.59	-1.04	7.97	67.17	-45.82
		-45.82	-7.74	0.01	0.0	72.0	-941.81	1.59	-1.04	7.97	-7.74	68.63
3667	2	55.80	54.81	-2.16e-04	0.0	0.0	-766.89	1.29	-0.85	6.44	54.81	-37.31
		-37.31	-6.29	9.32e-03	0.0	72.0	-764.33	1.29	-0.85	6.44	-6.29	55.80
3667	3	51.42	50.87	-2.00e-04	0.0	0.0	-709.36	1.19	-0.79	6.00	50.87	-34.31
		-34.31	-5.80	8.54e-03	0.0	72.0	-706.80	1.19	-0.79	6.00	-5.80	51.42
3667	4	42.80	41.81	-1.71e-04	0.0	0.0	-593.86	0.99	-0.65	5.10	41.81	-28.46
		-28.46	-4.89	6.98e-03	0.0	72.0	-591.30	0.99	-0.65	5.10	-4.89	42.80
3667	5	42.80	41.81	-1.71e-04	0.0	0.0	-593.86	0.99	-0.65	5.10	41.81	-28.46

		-28.46	-4.89	6.98e-03	0.0	72.0	-591.30	0.99	-0.65	5.10	-4.89	42.80
3668	1	0.0	0.0	2.89e-03	0.0	0.0	-2.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3668	2	0.0	0.0	2.35e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	9.01e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3668	3	0.0	0.0	2.16e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	8.28e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3668	4	0.0	0.0	1.80e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	6.76e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3668	5	0.0	0.0	1.80e-03	0.0	0.0	-2.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	6.76e-03	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
3669	1	76.48	31.21	-4.30e-03	0.0	0.0	-1584.72	3.55	-0.37	0.0	31.21	-165.10
		-165.10	6.29	4.28e-03	0.0	68.0	-1581.58	3.55	-0.37	0.0	6.29	76.48
3669	2	61.74	25.10	-3.47e-03	0.0	0.0	-1283.54	2.87	-0.29	0.0	25.10	-133.33
		-133.33	5.56	3.49e-03	0.0	68.0	-1281.12	2.87	-0.29	0.0	5.56	61.74
3669	3	57.52	22.01	-3.23e-03	0.0	0.0	-1190.22	2.67	-0.23	0.0	22.01	-124.19
		-124.19	6.04	3.07e-03	0.0	68.0	-1187.80	2.67	-0.23	0.0	6.04	57.52
3669	4	49.07	20.15	-2.76e-03	0.0	0.0	-1003.66	2.28	-0.26	0.0	20.15	-105.83
		-105.83	2.66	2.62e-03	0.0	68.0	-1001.24	2.28	-0.26	0.0	2.66	49.07
3669	5	49.07	20.15	-2.76e-03	0.0	0.0	-1003.66	2.28	-0.26	0.0	20.15	-105.83
		-105.83	2.66	2.62e-03	0.0	68.0	-1001.24	2.28	-0.26	0.0	2.66	49.07
3670	1	-6.47	32.66	3.03e-04	0.0	0.0	-1784.50	-0.02	2.63	0.0	-178.12	-6.47
		-7.74	-178.12	-0.02	0.0	80.0	-1780.80	-0.02	2.63	0.0	32.66	-7.74
3670	2	-5.23	26.25	2.40e-04	0.0	0.0	-1439.79	-0.01	2.12	0.0	-143.40	-5.23
		-6.26	-143.40	-0.01	0.0	80.0	-1436.95	-0.01	2.12	0.0	26.25	-6.26
3670	3	-4.86	24.67	2.29e-04	0.0	0.0	-1342.85	-0.01	1.99	0.0	-134.22	-4.86
		-5.81	-134.22	-0.01	0.0	80.0	-1340.00	-0.01	1.99	0.0	24.67	-5.81
3670	4	-4.13	21.40	2.08e-04	0.0	0.0	-1148.96	-9.74e-03	1.71	0.0	-115.77	-4.13
		-4.91	-115.77	-0.01	0.0	80.0	-1146.12	-9.74e-03	1.71	0.0	21.40	-4.91
3670	5	-4.13	21.40	2.08e-04	0.0	0.0	-1148.96	-9.74e-03	1.71	0.0	-115.77	-4.13
		-4.91	-115.77	-0.01	0.0	80.0	-1146.12	-9.74e-03	1.71	0.0	21.40	-4.91
3671	1	6.79	-1.04	2.12e-03	0.0	0.0	-2328.50	-0.31	-0.48	0.0	-1.04	6.79
		-17.71	-39.57	-4.56e-03	0.0	80.0	-2324.80	-0.31	-0.48	0.0	-39.57	-17.71
3671	2	5.46	-0.71	1.70e-03	0.0	0.0	-1879.39	-0.25	-0.39	0.0	-0.71	5.46
		-14.30	-31.92	-3.67e-03	0.0	80.0	-1876.55	-0.25	-0.39	0.0	-31.92	-14.30
3671	3	5.12	-0.88	1.60e-03	0.0	0.0	-1751.90	-0.23	-0.36	0.0	-0.88	5.12
		-13.32	-29.73	-3.44e-03	0.0	80.0	-1749.06	-0.23	-0.36	0.0	-29.73	-13.32
3671	4	4.42	-1.11	1.39e-03	0.0	0.0	-1496.96	-0.20	-0.30	0.0	-1.11	4.42
		-11.34	-25.43	-2.97e-03	0.0	80.0	-1494.12	-0.20	-0.30	0.0	-25.43	-11.34
3671	5	4.42	-1.11	1.39e-03	0.0	0.0	-1496.96	-0.20	-0.30	0.0	-1.11	4.42
		-11.34	-25.43	-2.97e-03	0.0	80.0	-1494.12	-0.20	-0.30	0.0	-25.43	-11.34
3674	1	21.73	190.95	0.01	0.0	0.0	-2245.40	-0.57	-3.09	0.0	190.95	21.73
		-24.17	-55.87	-4.68e-03	0.0	80.0	-2241.70	-0.57	-3.09	0.0	-55.87	-24.17
3674	2	17.41	153.87	8.65e-03	0.0	0.0	-1812.33	-0.46	-2.49	0.0	153.87	17.41
		-19.27	-45.08	-3.77e-03	0.0	80.0	-1809.48	-0.46	-2.49	0.0	-45.08	-19.27
3674	3	16.41	143.79	8.13e-03	0.0	0.0	-1689.41	-0.43	-2.32	0.0	143.79	16.41
		-18.29	-42.04	-3.53e-03	0.0	80.0	-1686.57	-0.43	-2.32	0.0	-42.04	-18.29
3674	4	14.40	123.61	7.07e-03	0.0	0.0	-1443.45	-0.38	-1.99	0.0	123.61	14.40
		-16.32	-35.91	-3.06e-03	0.0	80.0	-1440.61	-0.38	-1.99	0.0	-35.91	-16.32
3674	5	14.40	123.61	7.07e-03	0.0	0.0	-1443.45	-0.38	-1.99	0.0	123.61	14.40
		-16.32	-35.91	-3.06e-03	0.0	80.0	-1440.61	-0.38	-1.99	0.0	-35.91	-16.32
3675	1	29.96	296.50	0.01	0.0	0.0	-1427.46	-0.75	-2.00	0.0	296.50	29.96
		-29.78	136.59	-0.06	0.0	80.0	-1423.77	-0.75	-2.00	0.0	136.59	-29.78
3675	2	24.09	238.88	9.68e-03	0.0	0.0	-1152.34	-0.60	-1.61	0.0	238.88	24.09
		-23.83	109.95	-0.05	0.0	80.0	-1149.50	-0.60	-1.61	0.0	109.95	-23.83
3675	3	22.59	223.28	9.08e-03	0.0	0.0	-1073.94	-0.56	-1.50	0.0	223.28	22.59
		-22.50	102.91	-0.05	0.0	80.0	-1071.09	-0.56	-1.50	0.0	102.91	-22.50
3675	4	19.57	192.05	7.87e-03	0.0	0.0	-917.10	-0.49	-1.29	0.0	192.05	19.57
		-19.81	88.80	-0.04	0.0	80.0	-914.26	-0.49	-1.29	0.0	88.80	-19.81
3675	5	19.57	192.05	7.87e-03	0.0	0.0	-917.10	-0.49	-1.29	0.0	192.05	19.57
		-19.81	88.80	-0.04	0.0	80.0	-914.26	-0.49	-1.29	0.0	88.80	-19.81
3676	1	15.58	52.64	-5.26e-03	0.0	0.0	-1649.77	0.49	2.69	0.0	-162.46	-23.80
		-23.80	-162.46	-0.02	0.0	80.0	-1646.08	0.49	2.69	0.0	52.64	15.58
3676	2	12.43	42.32	-4.22e-03	0.0	0.0	-1331.10	0.39	2.16	0.0	-130.78	-19.14
		-19.14	-130.78	-0.01	0.0	80.0	-1328.26	0.39	2.16	0.0	42.32	12.43
3676	3	11.80	39.73	-3.97e-03	0.0	0.0	-1241.49	0.37	2.03	0.0	-122.43	-17.95
		-17.95	-122.43	-0.01	0.0	80.0	-1238.65	0.37	2.03	0.0	39.73	11.80
3676	4	10.50	34.45	-3.44e-03	0.0	0.0	-1062.28	0.33	1.75	0.0	-105.62	-15.53
		-15.53	-105.62	-0.01	0.0	80.0	-1059.43	0.33	1.75	0.0	34.45	10.50
3676	5	10.50	34.45	-3.44e-03	0.0	0.0	-1062.28	0.33	1.75	0.0	-105.62	-15.53
		-15.53	-105.62	-0.01	0.0	80.0	-1059.43	0.33	1.75	0.0	34.45	10.50
3677	1	5.19	70.05	-3.25e-03	0.0	0.0	-2458.46	0.19	-1.69	0.0	70.05	-10.34
		-10.34	-65.45	-2.32e-03	0.0	80.0	-2454.76	0.19	-1.69	0.0	-65.45	5.19
3677	2	4.05	56.65	-2.60e-03	0.0	0.0	-1983.97	0.15	-1.37	0.0	56.65	-8.29
		-8.29	-52.90	-1.85e-03	0.0	80.0	-1981.12	0.15	-1.37	0.0	-52.90	4.05
3677	3	3.97	52.63	-2.45e-03	0.0	0.0	-1849.88	0.15	-1.27	0.0	52.63	-7.81
		-7.81	-49.17	-1.76e-03	0.0	80.0	-1847.04	0.15	-1.27	0.0	-49.17	3.97

3677	4	3.78	44.66	-2.14e-03	0.0	0.0	-1581.78	0.13	-1.08	0.0	44.66	-6.83
		-6.83	-41.82	-1.55e-03	0.0	80.0	-1578.94	0.13	-1.08	0.0	-41.82	3.78
3677	5	3.78	44.66	-2.14e-03	0.0	0.0	-1581.78	0.13	-1.08	0.0	44.66	-6.83
		-6.83	-41.82	-1.55e-03	0.0	80.0	-1578.94	0.13	-1.08	0.0	-41.82	3.78
3680	1	5.38	200.46	5.91e-03	0.0	0.0	-2249.14	-0.13	-3.08	0.0	200.46	5.38
		-4.73	-45.76	-5.20e-03	0.0	80.0	-2245.45	-0.13	-3.08	0.0	-45.76	-4.73
3680	2	4.28	161.61	4.74e-03	0.0	0.0	-1815.15	-0.10	-2.48	0.0	161.61	4.28
		-3.67	-37.03	-4.17e-03	0.0	80.0	-1812.31	-0.10	-2.48	0.0	-37.03	-3.67
3680	3	4.08	150.91	4.46e-03	0.0	0.0	-1692.33	-0.10	-2.32	0.0	150.91	4.08
		-3.62	-34.39	-3.92e-03	0.0	80.0	-1689.49	-0.10	-2.32	0.0	-34.39	-3.62
3680	4	3.70	129.52	3.89e-03	0.0	0.0	-1446.70	-0.09	-1.98	0.0	129.52	3.70
		-3.53	-29.09	-3.41e-03	0.0	80.0	-1443.85	-0.09	-1.98	0.0	-29.09	-3.53
3680	5	3.70	129.52	3.89e-03	0.0	0.0	-1446.70	-0.09	-1.98	0.0	129.52	3.70
		-3.53	-29.09	-3.41e-03	0.0	80.0	-1443.85	-0.09	-1.98	0.0	-29.09	-3.53
3681	1	16.06	296.78	7.53e-03	0.0	0.0	-1473.44	-0.36	-1.94	0.0	296.78	16.06
		-12.42	141.23	-0.06	0.0	80.0	-1469.74	-0.36	-1.94	0.0	141.23	-12.42
3681	2	12.90	239.12	6.05e-03	0.0	0.0	-1189.08	-0.28	-1.57	0.0	239.12	12.90
		-9.90	113.68	-0.05	0.0	80.0	-1186.23	-0.28	-1.57	0.0	113.68	-9.90
3681	3	12.10	223.48	5.68e-03	0.0	0.0	-1108.72	-0.27	-1.46	0.0	223.48	12.10
		-9.41	106.41	-0.05	0.0	80.0	-1105.87	-0.27	-1.46	0.0	106.41	-9.41
3681	4	10.51	192.18	4.93e-03	0.0	0.0	-947.89	-0.24	-1.25	0.0	192.18	10.51
		-8.43	91.87	-0.04	0.0	80.0	-945.05	-0.24	-1.25	0.0	91.87	-8.43
3681	5	10.51	192.18	4.93e-03	0.0	0.0	-947.89	-0.24	-1.25	0.0	192.18	10.51
		-8.43	91.87	-0.04	0.0	80.0	-945.05	-0.24	-1.25	0.0	91.87	-8.43
3691	1	38.13	93.50	-7.07e-03	0.0	0.0	-1373.50	-0.29	2.89	0.0	-137.78	38.13
		14.85	-137.78	-0.02	0.0	80.0	-1369.80	-0.29	2.89	0.0	93.50	14.85
3691	2	30.84	75.20	-5.67e-03	0.0	0.0	-1107.53	-0.24	2.33	0.0	-110.92	30.84
		11.78	-110.92	-0.02	0.0	80.0	-1104.68	-0.24	2.33	0.0	75.20	11.78
3691	3	28.65	70.51	-5.34e-03	0.0	0.0	-1033.91	-0.22	2.18	0.0	-103.83	28.65
		11.27	-103.83	-0.02	0.0	80.0	-1031.07	-0.22	2.18	0.0	70.51	11.27
3691	4	24.30	61.02	-4.67e-03	0.0	0.0	-886.64	-0.18	1.88	0.0	-89.58	24.30
		10.21	-89.58	-0.01	0.0	80.0	-883.79	-0.18	1.88	0.0	61.02	10.21
3691	5	24.30	61.02	-4.67e-03	0.0	0.0	-886.64	-0.18	1.88	0.0	-89.58	24.30
		10.21	-89.58	-0.01	0.0	80.0	-883.79	-0.18	1.88	0.0	61.02	10.21
3692	1	51.77	150.14	-5.02e-03	0.0	0.0	-1921.87	-0.60	-2.43	0.0	150.14	51.77
		3.77	-44.19	-3.70e-03	0.0	80.0	-1918.17	-0.60	-2.43	0.0	-44.19	3.77
3692	2	41.84	121.14	-4.01e-03	0.0	0.0	-1548.78	-0.49	-1.96	0.0	121.14	41.84
		2.84	-35.81	-2.97e-03	0.0	80.0	-1545.94	-0.49	-1.96	0.0	-35.81	2.84
3692	3	38.91	113.01	-3.80e-03	0.0	0.0	-1447.02	-0.45	-1.83	0.0	113.01	38.91
		2.93	-33.18	-2.79e-03	0.0	80.0	-1444.17	-0.45	-1.83	0.0	-33.18	2.93
3692	4	33.08	96.68	-3.35e-03	0.0	0.0	-1243.45	-0.38	-1.56	0.0	96.68	33.08
		3.08	-27.93	-2.46e-03	0.0	80.0	-1240.60	-0.38	-1.56	0.0	-27.93	3.08
3692	5	33.08	96.68	-3.35e-03	0.0	0.0	-1243.45	-0.38	-1.56	0.0	96.68	33.08
		3.08	-27.93	-2.46e-03	0.0	80.0	-1240.60	-0.38	-1.56	0.0	-27.93	3.08
3693	1	410.00	35.28	-7.15e-03	0.0	0.0	-635.36	12.28	-0.82	-0.55	35.28	-425.29
		-425.29	-20.75	2.69e-03	0.0	68.0	-632.22	12.28	-0.82	-0.55	-20.75	410.00
3693	2	331.62	28.74	-5.78e-03	0.0	0.0	-515.78	9.94	-0.67	-0.46	28.74	-343.97
		-343.97	-16.98	2.22e-03	0.0	68.0	-513.37	9.94	-0.67	-0.46	-16.98	331.62
3693	3	308.33	26.06	-5.38e-03	0.0	0.0	-476.85	9.24	-0.60	-0.26	26.06	-319.81
		-319.81	-14.99	1.95e-03	0.0	68.0	-474.43	9.24	-0.60	-0.26	-14.99	308.33
3693	4	261.68	21.28	-4.57e-03	0.0	0.0	-398.94	7.84	-0.49	-0.30	21.28	-271.41
		-271.41	-11.98	1.53e-03	0.0	68.0	-396.52	7.84	-0.49	-0.30	-11.98	261.68
3693	5	261.68	21.28	-4.57e-03	0.0	0.0	-398.94	7.84	-0.49	-0.30	21.28	-271.41
		-271.41	-11.98	1.53e-03	0.0	68.0	-396.52	7.84	-0.49	-0.30	-11.98	261.68
3695	1	-4.08	218.37	6.23e-03	0.0	0.0	-1899.23	0.88	-2.91	0.0	218.37	-74.23
		-74.23	-14.70	-7.31e-03	0.0	80.0	-1895.53	0.88	-2.91	0.0	-14.70	-4.08
3695	2	-3.18	176.08	5.00e-03	0.0	0.0	-1530.55	0.71	-2.35	0.0	176.08	-59.84
		-59.84	-12.08	-5.87e-03	0.0	80.0	-1527.70	0.71	-2.35	0.0	-12.08	-3.18
3695	3	-3.12	164.38	4.70e-03	0.0	0.0	-1429.96	0.66	-2.19	0.0	164.38	-55.88
		-55.88	-10.96	-5.52e-03	0.0	80.0	-1427.12	0.66	-2.19	0.0	-10.96	-3.12
3695	4	-3.01	140.99	4.09e-03	0.0	0.0	-1229.17	0.56	-1.87	0.0	140.99	-47.96
		-47.96	-8.69	-4.81e-03	0.0	80.0	-1226.32	0.56	-1.87	0.0	-8.69	-3.01
3695	5	-3.01	140.99	4.09e-03	0.0	0.0	-1229.17	0.56	-1.87	0.0	140.99	-47.96
		-47.96	-8.69	-4.81e-03	0.0	80.0	-1226.32	0.56	-1.87	0.0	-8.69	-3.01
3696	1	-17.98	304.74	8.67e-03	0.0	0.0	-1673.28	0.50	-2.06	0.0	304.74	-57.69
		-57.69	139.77	-0.06	0.0	80.0	-1669.58	0.50	-2.06	0.0	139.77	-17.98
3696	2	-14.37	245.56	6.96e-03	0.0	0.0	-1348.66	0.40	-1.66	0.0	245.56	-46.53
		-46.53	112.49	-0.05	0.0	80.0	-1345.81	0.40	-1.66	0.0	112.49	-14.37
3696	3	-13.59	229.47	6.53e-03	0.0	0.0	-1259.80	0.37	-1.55	0.0	229.47	-43.42
		-43.42	105.32	-0.05	0.0	80.0	-1256.96	0.37	-1.55	0.0	105.32	-13.59
3696	4	-12.05	197.27	5.67e-03	0.0	0.0	-1082.11	0.31	-1.33	0.0	197.27	-37.21
		-37.21	90.98	-0.04	0.0	80.0	-1079.26	0.31	-1.33	0.0	90.98	-12.05
3696	5	-12.05	197.27	5.67e-03	0.0	0.0	-1082.11	0.31	-1.33	0.0	197.27	-37.21
		-37.21	90.98	-0.04	0.0	80.0	-1079.26	0.31	-1.33	0.0	90.98	-12.05
3697	1	26.40	87.36	-9.65e-03	0.0	0.0	-124.01	0.33	1.09	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	80.0	-120.31	0.33	1.09	0.0	87.36	26.40
3697	2	21.15	70.26	-7.76e-03	0.0	0.0	-100.38	0.26	0.88	0.0	0.0	0.0



		0.0	0.0	-0.02	0.0	80.0	-97.54	0.26	0.88	0.0	70.26	21.15
3697	3	19.92	65.87	-7.27e-03	0.0	0.0	-93.18	0.25	0.82	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	80.0	-90.34	0.25	0.82	0.0	65.87	19.92
3697	4	17.48	57.02	-6.30e-03	0.0	0.0	-78.77	0.22	0.71	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	80.0	-75.92	0.22	0.71	0.0	57.02	17.48
3697	5	17.48	57.02	-6.30e-03	0.0	0.0	-78.77	0.22	0.71	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	80.0	-75.92	0.22	0.71	0.0	57.02	17.48
3698	1	22.85	7.52	-8.50e-03	0.0	0.0	-708.17	0.29	0.05	0.0	3.65	0.0
		0.0	3.65	-3.90e-03	0.0	80.0	-704.47	0.29	0.05	0.0	7.52	22.85
3698	2	18.29	5.92	-6.84e-03	0.0	0.0	-571.84	0.23	0.04	0.0	2.94	0.0
		0.0	2.94	-3.13e-03	0.0	80.0	-568.99	0.23	0.04	0.0	5.92	18.29
3698	3	17.24	5.73	-6.41e-03	0.0	0.0	-532.62	0.22	0.04	0.0	2.76	0.0
		0.0	2.76	-2.95e-03	0.0	80.0	-529.78	0.22	0.04	0.0	5.73	17.24
3698	4	15.16	5.36	-5.55e-03	0.0	0.0	-454.41	0.19	0.04	0.0	2.39	0.0
		0.0	2.39	-2.58e-03	0.0	80.0	-451.57	0.19	0.04	0.0	5.36	15.16
3698	5	15.16	5.36	-5.55e-03	0.0	0.0	-454.41	0.19	0.04	0.0	2.39	0.0
		0.0	2.39	-2.58e-03	0.0	80.0	-451.57	0.19	0.04	0.0	5.36	15.16
3700	1	35.02	5.05	5.43e-03	0.0	0.0	-899.79	0.14	-0.02	0.0	5.05	20.66
		20.66	3.52	-0.01	0.0	100.0	-895.17	0.14	-0.02	0.0	3.52	35.02
3700	2	28.29	4.00	4.36e-03	0.0	0.0	-725.71	0.12	-0.01	0.0	4.00	16.63
		16.63	2.82	-0.01	0.0	100.0	-722.15	0.12	-0.01	0.0	2.82	28.29
3700	3	26.29	3.81	4.09e-03	0.0	0.0	-677.23	0.11	-0.01	0.0	3.81	15.54
		15.54	2.59	-9.52e-03	0.0	100.0	-673.68	0.11	-0.01	0.0	2.59	26.29
3700	4	22.32	3.45	3.54e-03	0.0	0.0	-580.30	0.09	-0.01	0.0	3.45	13.38
		13.38	2.25	-8.18e-03	0.0	100.0	-576.74	0.09	-0.01	0.0	2.25	22.32
3700	5	22.32	3.45	3.54e-03	0.0	0.0	-580.30	0.09	-0.01	0.0	3.45	13.38
		13.38	2.25	-8.18e-03	0.0	100.0	-576.74	0.09	-0.01	0.0	2.25	22.32
3701	1	30.89	12.70	4.09e-03	0.0	0.0	-1453.57	0.15	0.27	0.0	-14.41	16.29
		16.29	-14.41	-0.02	0.0	100.0	-1448.95	0.15	0.27	0.0	12.70	30.89
3701	2	24.96	10.22	3.28e-03	0.0	0.0	-1173.34	0.12	0.22	0.0	-11.67	13.11
		13.11	-11.67	-0.01	0.0	100.0	-1169.78	0.12	0.22	0.0	10.22	24.96
3701	3	23.17	9.54	3.08e-03	0.0	0.0	-1093.51	0.11	0.20	0.0	-10.85	12.25
		12.25	-10.85	-0.01	0.0	100.0	-1089.95	0.11	0.20	0.0	9.54	23.17
3701	4	19.65	8.22	2.67e-03	0.0	0.0	-933.98	0.09	0.17	0.0	-9.19	10.56
		10.56	-9.19	-0.01	0.0	100.0	-930.43	0.09	0.17	0.0	8.22	19.65
3701	5	19.65	8.22	2.67e-03	0.0	0.0	-933.98	0.09	0.17	0.0	-9.19	10.56
		10.56	-9.19	-0.01	0.0	100.0	-930.43	0.09	0.17	0.0	8.22	19.65
3702	1	-17.09	16.72	-4.41e-03	0.0	0.0	-1456.99	-0.13	0.17	0.0	-0.51	-17.09
		-30.07	-0.51	-0.01	0.0	100.0	-1452.37	-0.13	0.17	0.0	16.72	-30.07
3702	2	-13.76	13.45	-3.55e-03	0.0	0.0	-1176.09	-0.11	0.14	0.0	-0.49	-13.76
		-24.32	-0.49	-0.01	0.0	100.0	-1172.53	-0.11	0.14	0.0	13.45	-24.32
3702	3	-12.89	12.59	-3.33e-03	0.0	0.0	-1096.17	-0.10	0.13	0.0	-0.34	-12.89
		-22.65	-0.34	-0.01	0.0	100.0	-1092.61	-0.10	0.13	0.0	12.59	-22.65
3702	4	-11.13	10.86	-2.89e-03	0.0	0.0	-936.39	-0.08	0.11	0.0	-0.10	-11.13
		-19.25	-0.10	-9.24e-03	0.0	100.0	-932.83	-0.08	0.11	0.0	10.86	-19.25
3702	5	-11.13	10.86	-2.89e-03	0.0	0.0	-936.39	-0.08	0.11	0.0	-0.10	-11.13
		-19.25	-0.10	-9.24e-03	0.0	100.0	-932.83	-0.08	0.11	0.0	10.86	-19.25
3703	1	-21.45	62.31	-5.76e-03	0.0	0.0	-901.42	-0.13	-0.70	0.0	62.31	-21.45
		-34.11	-8.07	-1.88e-03	0.0	100.0	-896.80	-0.13	-0.70	0.0	-8.07	-34.11
3703	2	-17.28	50.07	-4.64e-03	0.0	0.0	-727.03	-0.10	-0.57	0.0	50.07	-17.28
		-27.58	-6.62	-1.52e-03	0.0	100.0	-723.48	-0.10	-0.57	0.0	-6.62	-27.58
3703	3	-16.17	46.99	-4.35e-03	0.0	0.0	-678.44	-0.10	-0.53	0.0	46.99	-16.17
		-25.69	-6.00	-1.42e-03	0.0	100.0	-674.88	-0.10	-0.53	0.0	-6.00	-25.69
3703	4	-13.94	40.76	-3.76e-03	0.0	0.0	-581.34	-0.08	-0.46	0.0	40.76	-13.94
		-21.86	-4.80	-1.21e-03	0.0	100.0	-577.79	-0.08	-0.46	0.0	-4.80	-21.86
3703	5	-13.94	40.76	-3.76e-03	0.0	0.0	-581.34	-0.08	-0.46	0.0	40.76	-13.94
		-21.86	-4.80	-1.21e-03	0.0	100.0	-577.79	-0.08	-0.46	0.0	-4.80	-21.86
3704	1	37.12	6.46	5.08e-03	0.0	0.0	-1140.91	0.18	-0.05	0.0	6.46	18.75
		18.75	1.56	-0.01	0.0	100.0	-1136.29	0.18	-0.05	0.0	1.56	37.12
3704	2	30.02	5.14	4.07e-03	0.0	0.0	-921.20	0.15	-0.04	0.0	5.14	15.08
		15.08	1.24	-0.01	0.0	100.0	-917.65	0.15	-0.04	0.0	1.24	30.02
3704	3	27.86	4.87	3.83e-03	0.0	0.0	-858.29	0.14	-0.04	0.0	4.87	14.12
		14.12	1.12	-9.37e-03	0.0	100.0	-854.73	0.14	-0.04	0.0	1.12	27.86
3704	4	23.59	4.36	3.34e-03	0.0	0.0	-732.39	0.11	-0.03	0.0	4.36	12.21
		12.21	0.99	-8.05e-03	0.0	100.0	-728.84	0.11	-0.03	0.0	0.99	23.59
3704	5	23.59	4.36	3.34e-03	0.0	0.0	-732.39	0.11	-0.03	0.0	4.36	12.21
		12.21	0.99	-8.05e-03	0.0	100.0	-728.84	0.11	-0.03	0.0	0.99	23.59
3705	1	32.07	12.04	3.59e-03	0.0	0.0	-1774.49	0.18	0.25	0.0	-13.41	14.11
		14.11	-13.41	-0.02	0.0	100.0	-1769.86	0.18	0.25	0.0	12.04	32.07
3705	2	25.95	9.69	2.87e-03	0.0	0.0	-1433.19	0.15	0.21	0.0	-10.88	11.34
		11.34	-10.88	-0.01	0.0	100.0	-1429.63	0.15	0.21	0.0	9.69	25.95
3705	3	24.07	9.04	2.71e-03	0.0	0.0	-1334.71	0.13	0.19	0.0	-10.09	10.62
		10.62	-10.09	-0.01	0.0	100.0	-1331.15	0.13	0.19	0.0	9.04	24.07
3705	4	20.34	7.78	2.37e-03	0.0	0.0	-1137.67	0.11	0.16	0.0	-8.51	9.20
		9.20	-8.51	-0.01	0.0	100.0	-1134.12	0.11	0.16	0.0	7.78	20.34
3705	5	20.34	7.78	2.37e-03	0.0	0.0	-1137.67	0.11	0.16	0.0	-8.51	9.20
		9.20	-8.51	-0.01	0.0	100.0	-1134.12	0.11	0.16	0.0	7.78	20.34



3706	1	-13.92	16.18	-4.26e-03	0.0	0.0	-1816.02	-0.15	0.16	0.0	0.16	-13.92
		-28.58	0.16	-0.01	0.0	100.0	-1811.40	-0.15	0.16	0.0	16.18	-28.58
3706	2	-11.19	13.01	-3.42e-03	0.0	0.0	-1466.73	-0.12	0.13	0.0	0.05	-11.19
		-23.16	0.05	-0.01	0.0	100.0	-1463.18	-0.12	0.13	0.0	13.01	-23.16
3706	3	-10.51	12.18	-3.22e-03	0.0	0.0	-1365.88	-0.11	0.12	0.0	0.17	-10.51
		-21.50	0.17	-0.01	0.0	100.0	-1362.32	-0.11	0.12	0.0	12.18	-21.50
3706	4	-9.12	10.51	-2.82e-03	0.0	0.0	-1164.09	-0.09	0.10	0.0	0.33	-9.12
		-18.15	0.33	-9.18e-03	0.0	100.0	-1160.54	-0.09	0.10	0.0	10.51	-18.15
3706	5	-9.12	10.51	-2.82e-03	0.0	0.0	-1164.09	-0.09	0.10	0.0	0.33	-9.12
		-18.15	0.33	-9.18e-03	0.0	100.0	-1160.54	-0.09	0.10	0.0	10.51	-18.15
3707	1	-18.14	63.94	-5.55e-03	0.0	0.0	-1143.89	-0.17	-0.74	0.0	63.94	-18.14
		-34.81	-10.12	-1.77e-03	0.0	100.0	-1139.26	-0.17	-0.74	0.0	-10.12	-34.81
3707	2	-14.59	51.38	-4.45e-03	0.0	0.0	-923.59	-0.14	-0.60	0.0	51.38	-14.59
		-28.18	-8.28	-1.43e-03	0.0	100.0	-920.03	-0.14	-0.60	0.0	-8.28	-28.18
3707	3	-13.68	48.22	-4.19e-03	0.0	0.0	-860.47	-0.13	-0.56	0.0	48.22	-13.68
		-26.19	-7.55	-1.33e-03	0.0	100.0	-856.92	-0.13	-0.56	0.0	-7.55	-26.19
3707	4	-11.85	41.80	-3.65e-03	0.0	0.0	-734.29	-0.10	-0.48	0.0	41.80	-11.85
		-22.17	-6.11	-1.14e-03	0.0	100.0	-730.74	-0.10	-0.48	0.0	-6.11	-22.17
3707	5	-11.85	41.80	-3.65e-03	0.0	0.0	-734.29	-0.10	-0.48	0.0	41.80	-11.85
		-22.17	-6.11	-1.14e-03	0.0	100.0	-730.74	-0.10	-0.48	0.0	-6.11	-22.17
3708	1	40.36	7.18	6.04e-03	0.0	0.0	-1270.55	0.19	-0.06	0.0	7.18	21.79
		21.79	1.05	-0.01	0.0	100.0	-1265.93	0.19	-0.06	0.0	1.05	40.36
3708	2	32.66	5.72	4.85e-03	0.0	0.0	-1026.27	0.15	-0.05	0.0	5.72	17.54
		17.54	0.83	-9.94e-03	0.0	100.0	-1022.72	0.15	-0.05	0.0	0.83	32.66
3708	3	30.34	5.42	4.55e-03	0.0	0.0	-955.71	0.14	-0.05	0.0	5.42	16.42
		16.42	0.74	-9.29e-03	0.0	100.0	-952.16	0.14	-0.05	0.0	0.74	30.34
3708	4	25.64	4.82	3.96e-03	0.0	0.0	-814.34	0.11	-0.04	0.0	4.82	14.17
		14.17	0.67	-7.98e-03	0.0	100.0	-810.79	0.11	-0.04	0.0	0.67	25.64
3708	5	25.64	4.82	3.96e-03	0.0	0.0	-814.34	0.11	-0.04	0.0	4.82	14.17
		14.17	0.67	-7.98e-03	0.0	100.0	-810.79	0.11	-0.04	0.0	0.67	25.64
3709	1	35.65	13.55	4.27e-03	0.0	0.0	-1948.98	0.19	0.25	0.0	-11.94	16.61
		16.61	-11.94	-0.02	0.0	100.0	-1944.35	0.19	0.25	0.0	13.55	35.65
3709	2	28.86	10.91	3.43e-03	0.0	0.0	-1574.91	0.16	0.21	0.0	-9.69	13.36
		13.36	-9.69	-0.01	0.0	100.0	-1571.35	0.16	0.21	0.0	10.91	28.86
3709	3	26.79	10.18	3.22e-03	0.0	0.0	-1465.37	0.14	0.19	0.0	-8.98	12.52
		12.52	-8.98	-0.01	0.0	100.0	-1461.81	0.14	0.19	0.0	10.18	26.79
3709	4	22.61	8.76	2.81e-03	0.0	0.0	-1246.78	0.12	0.16	0.0	-7.56	10.82
		10.82	-7.56	-0.01	0.0	100.0	-1243.23	0.12	0.16	0.0	8.76	22.61
3709	5	22.61	8.76	2.81e-03	0.0	0.0	-1246.78	0.12	0.16	0.0	-7.56	10.82
		10.82	-7.56	-0.01	0.0	100.0	-1243.23	0.12	0.16	0.0	8.76	22.61
3710	1	-15.31	17.81	-4.56e-03	0.0	0.0	-1923.26	-0.17	0.17	0.0	1.11	-15.31
		-32.41	1.11	-0.01	0.0	100.0	-1918.64	-0.17	0.17	0.0	17.81	-32.41
3710	2	-12.32	14.32	-3.67e-03	0.0	0.0	-1554.21	-0.14	0.13	0.0	0.82	-12.32
		-26.26	0.82	-0.01	0.0	100.0	-1550.65	-0.14	0.13	0.0	14.32	-26.26
3710	3	-11.54	13.41	-3.45e-03	0.0	0.0	-1446.45	-0.13	0.13	0.0	0.88	-11.54
		-24.33	0.88	-0.01	0.0	100.0	-1442.89	-0.13	0.13	0.0	13.41	-24.33
3710	4	-9.98	11.56	-3.00e-03	0.0	0.0	-1230.90	-0.11	0.11	0.0	0.96	-9.98
		-20.53	0.96	-9.16e-03	0.0	100.0	-1227.35	-0.11	0.11	0.0	11.56	-20.53
3710	5	-9.98	11.56	-3.00e-03	0.0	0.0	-1230.90	-0.11	0.11	0.0	0.96	-9.98
		-20.53	0.96	-9.16e-03	0.0	100.0	-1227.35	-0.11	0.11	0.0	11.56	-20.53
3711	1	-20.79	65.27	-6.57e-03	0.0	0.0	-1263.62	-0.15	-0.76	0.0	65.27	-20.79
		-36.14	-11.05	-1.72e-03	0.0	100.0	-1258.99	-0.15	-0.76	0.0	-11.05	-36.14
3711	2	-16.74	52.45	-5.28e-03	0.0	0.0	-1020.68	-0.13	-0.61	0.0	52.45	-16.74
		-29.27	-9.03	-1.39e-03	0.0	100.0	-1017.12	-0.13	-0.61	0.0	-9.03	-29.27
3711	3	-15.67	49.22	-4.96e-03	0.0	0.0	-950.28	-0.11	-0.57	0.0	49.22	-15.67
		-27.13	-8.25	-1.29e-03	0.0	100.0	-946.72	-0.11	-0.57	0.0	-8.25	-27.13
3711	4	-13.53	42.67	-4.31e-03	0.0	0.0	-809.76	-0.09	-0.49	0.0	42.67	-13.53
		-22.91	-6.72	-1.11e-03	0.0	100.0	-806.21	-0.09	-0.49	0.0	-6.72	-22.91
3711	5	-13.53	42.67	-4.31e-03	0.0	0.0	-809.76	-0.09	-0.49	0.0	42.67	-13.53
		-22.91	-6.72	-1.11e-03	0.0	100.0	-806.21	-0.09	-0.49	0.0	-6.72	-22.91
3744	1	-14.99	63.21	-2.40e-03	0.0	0.0	-1056.94	0.40	-1.83	17.91	63.21	-43.69
		-43.69	-68.46	-0.02	0.0	72.0	-1053.62	0.40	-1.83	17.91	-68.46	-14.99
3744	2	-12.11	50.88	-1.94e-03	0.0	0.0	-858.68	0.32	-1.47	14.47	50.88	-35.27
		-35.27	-55.22	-0.02	0.0	72.0	-856.12	0.32	-1.47	14.47	-55.22	-12.11
3744	3	-11.28	47.66	-1.81e-03	0.0	0.0	-792.75	0.30	-1.38	13.46	47.66	-32.88
		-32.88	-51.55	-0.02	0.0	72.0	-790.19	0.30	-1.38	13.46	-51.55	-11.28
3744	4	-9.63	41.13	-1.54e-03	0.0	0.0	-660.88	0.26	-1.18	11.45	41.13	-28.06
		-28.06	-44.15	-0.02	0.0	72.0	-658.32	0.26	-1.18	11.45	-44.15	-9.63
3744	5	-9.63	41.13	-1.54e-03	0.0	0.0	-660.88	0.26	-1.18	11.45	41.13	-28.06
		-28.06	-44.15	-0.02	0.0	72.0	-658.32	0.26	-1.18	11.45	-44.15	-9.63
3745	1	0.0	0.0	-4.18e-03	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
3745	2	0.0	0.0	-3.38e-03	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
3745	3	0.0	0.0	-3.15e-03	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
3745	4	0.0	0.0	-2.69e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0

		0.0	0.0	-0.01	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
3745	5	0.0	0.0	-2.69e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
3746	1	-13.43	1.27	9.41e-04	0.0	0.0	-1056.37	0.10	0.09	-0.06	-5.38	-20.85
		-20.85	-5.38	-0.02	0.0	72.0	-1053.04	0.10	0.09	-0.06	1.27	-13.43
3746	2	-10.85	1.06	7.60e-04	0.0	0.0	-858.22	0.08	0.08	-0.05	-4.42	-16.83
		-16.83	-4.42	-0.01	0.0	72.0	-855.66	0.08	0.08	-0.05	1.06	-10.85
3746	3	-10.10	0.99	7.07e-04	0.0	0.0	-792.32	0.08	0.07	-0.03	-4.08	-15.69
		-15.69	-4.08	-0.01	0.0	72.0	-789.76	0.08	0.07	-0.03	0.99	-10.10
3746	4	-8.60	0.72	5.95e-04	0.0	0.0	-660.51	0.07	0.06	-0.05	-3.25	-13.41
		-13.41	-3.25	-0.01	0.0	72.0	-657.95	0.07	0.06	-0.05	0.72	-8.60
3746	5	-8.60	0.72	5.95e-04	0.0	0.0	-660.51	0.07	0.06	-0.05	-3.25	-13.41
		-13.41	-3.25	-0.01	0.0	72.0	-657.95	0.07	0.06	-0.05	0.72	-8.60
3747	1	0.0	0.0	-7.33e-04	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
3747	2	0.0	0.0	-5.91e-04	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
3747	3	0.0	0.0	-5.52e-04	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
3747	4	0.0	0.0	-4.80e-04	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-8.88e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
3747	5	0.0	0.0	-4.80e-04	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-8.88e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
3748	1	-17.24	59.88	-3.32e-03	0.0	0.0	-1056.94	0.52	1.86	-23.10	-74.21	-54.53
		-54.53	-74.21	-9.63e-03	0.0	72.0	-1053.61	0.52	1.86	-23.10	59.88	-17.24
3748	2	-13.93	48.17	-2.69e-03	0.0	0.0	-858.68	0.42	1.50	-18.68	-59.70	-44.08
		-44.08	-59.70	-7.81e-03	0.0	72.0	-856.12	0.42	1.50	-18.68	48.17	-13.93
3748	3	-12.96	45.08	-2.50e-03	0.0	0.0	-792.75	0.39	1.40	-17.37	-55.87	-41.00
		-41.00	-55.87	-7.23e-03	0.0	72.0	-790.18	0.39	1.40	-17.37	45.08	-12.96
3748	4	-11.00	39.01	-2.12e-03	0.0	0.0	-660.88	0.33	1.21	-14.71	-48.32	-34.81
		-34.81	-48.32	-6.05e-03	0.0	72.0	-658.32	0.33	1.21	-14.71	39.01	-11.00
3748	5	-11.00	39.01	-2.12e-03	0.0	0.0	-660.88	0.33	1.21	-14.71	-48.32	-34.81
		-34.81	-48.32	-6.05e-03	0.0	72.0	-658.32	0.33	1.21	-14.71	39.01	-11.00
3749	1	0.0	0.0	-5.40e-03	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-6.68e-03	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
3749	2	0.0	0.0	-4.37e-03	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-5.43e-03	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
3749	3	0.0	0.0	-4.06e-03	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-5.01e-03	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
3749	4	0.0	0.0	-3.45e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-4.17e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
3749	5	0.0	0.0	-3.45e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-4.17e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
3750	1	-20.02	31.19	-7.53e-03	0.0	0.0	-1057.65	0.94	0.89	-0.49	-33.15	-87.65
		-87.65	-33.15	-5.49e-03	0.0	72.0	-1054.32	0.94	0.89	-0.49	31.19	-20.02
3750	2	-16.19	25.25	-6.09e-03	0.0	0.0	-859.24	0.76	0.72	-0.40	-26.83	-70.88
		-70.88	-26.83	-4.45e-03	0.0	72.0	-856.68	0.76	0.72	-0.40	25.25	-16.19
3750	3	-15.05	23.43	-5.66e-03	0.0	0.0	-793.28	0.71	0.67	-0.37	-24.89	-65.89
		-65.89	-24.89	-4.12e-03	0.0	72.0	-790.72	0.71	0.67	-0.37	23.43	-15.05
3750	4	-12.76	19.79	-4.80e-03	0.0	0.0	-661.34	0.60	0.57	-0.30	-21.02	-55.86
		-55.86	-21.02	-3.47e-03	0.0	72.0	-658.78	0.60	0.57	-0.30	19.79	-12.76
3750	5	-12.76	19.79	-4.80e-03	0.0	0.0	-661.34	0.60	0.57	-0.30	-21.02	-55.86
		-55.86	-21.02	-3.47e-03	0.0	72.0	-658.78	0.60	0.57	-0.30	19.79	-12.76
3751	1	0.0	0.0	-0.01	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.71e-03	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
3751	2	0.0	0.0	-8.13e-03	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.01e-03	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
3751	3	0.0	0.0	-7.56e-03	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.79e-03	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
3751	4	0.0	0.0	-6.41e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.34e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
3751	5	0.0	0.0	-6.41e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.34e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
3752	1	-17.85	16.80	-3.39e-03	0.0	0.0	-1057.89	0.54	-0.33	23.59	16.80	-56.79
		-56.79	-7.25	-3.38e-03	0.0	72.0	-1054.57	0.54	-0.33	23.59	-7.25	-17.85
3752	2	-14.43	13.21	-2.75e-03	0.0	0.0	-859.45	0.44	-0.26	19.06	13.21	-45.90
		-45.90	-5.55	-2.73e-03	0.0	72.0	-856.89	0.44	-0.26	19.06	-5.55	-14.43
3752	3	-13.41	12.70	-2.56e-03	0.0	0.0	-793.46	0.41	-0.25	17.70	12.70	-42.68
		-42.68	-5.52	-2.54e-03	0.0	72.0	-790.90	0.41	-0.25	17.70	-5.52	-13.41
3752	4	-11.37	11.74	-2.17e-03	0.0	0.0	-661.49	0.35	-0.24	15.00	11.74	-36.22
		-36.22	-5.52	-2.16e-03	0.0	72.0	-658.93	0.35	-0.24	15.00	-5.52	-11.37
3752	5	-11.37	11.74	-2.17e-03	0.0	0.0	-661.49	0.35	-0.24	15.00	11.74	-36.22
		-36.22	-5.52	-2.16e-03	0.0	72.0	-658.93	0.35	-0.24	15.00	-5.52	-11.37
3753	1	0.0	0.0	-5.56e-03	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.75e-03	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
3753	2	0.0	0.0	-4.50e-03	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.21e-03	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0



3753	3	0.0	0.0	-4.19e-03	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.07e-03	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
3753	4	0.0	0.0	-3.55e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.78e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
3753	5	0.0	0.0	-3.55e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.78e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
3754	1	-15.74	9.75	1.06e-03	0.0	0.0	-1057.91	0.13	0.23	0.28	-7.00	-25.33
		-25.33	-7.00	-1.58e-03	0.0	72.0	-1054.58	0.13	0.23	0.28	9.75	-15.74
3754	2	-12.71	7.90	8.57e-04	0.0	0.0	-859.47	0.11	0.19	0.23	-5.66	-20.45
		-20.45	-5.66	-1.27e-03	0.0	72.0	-856.91	0.11	0.19	0.23	7.90	-12.71
3754	3	-11.82	7.24	7.94e-04	0.0	0.0	-793.47	0.10	0.17	0.24	-5.14	-19.04
		-19.04	-5.14	-1.19e-03	0.0	72.0	-790.91	0.10	0.17	0.24	7.24	-11.82
3754	4	-10.04	5.97	6.81e-04	0.0	0.0	-661.48	0.09	0.14	0.26	-4.19	-16.19
		-16.19	-4.19	-1.01e-03	0.0	72.0	-658.92	0.09	0.14	0.26	5.97	-10.04
3754	5	-10.04	5.97	6.81e-04	0.0	0.0	-661.48	0.09	0.14	0.26	-4.19	-16.19
		-16.19	-4.19	-1.01e-03	0.0	72.0	-658.92	0.09	0.14	0.26	5.97	-10.04
3755	1	0.0	0.0	-9.35e-04	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-9.45e-04	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
3755	2	0.0	0.0	-7.59e-04	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-7.62e-04	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
3755	3	0.0	0.0	-7.09e-04	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-7.14e-04	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
3755	4	0.0	0.0	-5.96e-04	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-6.13e-04	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
3755	5	0.0	0.0	-5.96e-04	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-6.13e-04	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
3756	1	-18.66	52.92	-3.13e-03	0.0	0.0	-1058.44	0.57	1.65	-23.04	-66.17	-59.63
		-59.63	-66.17	-7.33e-04	0.0	72.0	-1055.11	0.57	1.65	-23.04	52.92	-18.66
3756	2	-15.08	42.57	-2.54e-03	0.0	0.0	-859.89	0.46	1.33	-18.63	-53.25	-48.19
		-48.19	-53.25	-5.96e-04	0.0	72.0	-857.33	0.46	1.33	-18.63	42.57	-15.08
3756	3	-14.02	39.92	-2.36e-03	0.0	0.0	-793.87	0.43	1.25	-17.30	-49.92	-44.81
		-44.81	-49.92	-5.49e-04	0.0	72.0	-791.31	0.43	1.25	-17.30	39.92	-14.02
3756	4	-11.91	34.58	-1.98e-03	0.0	0.0	-661.83	0.36	1.08	-14.71	-43.18	-38.03
		-38.03	-43.18	-4.56e-04	0.0	72.0	-659.27	0.36	1.08	-14.71	34.58	-11.91
3756	5	-11.91	34.58	-1.98e-03	0.0	0.0	-661.83	0.36	1.08	-14.71	-43.18	-38.03
		-38.03	-43.18	-4.56e-04	0.0	72.0	-659.27	0.36	1.08	-14.71	34.58	-11.91
3757	1	0.0	0.0	-5.48e-03	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	5.77e-04	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
3757	2	0.0	0.0	-4.43e-03	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	4.58e-04	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
3757	3	0.0	0.0	-4.12e-03	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	4.38e-04	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
3757	4	0.0	0.0	-3.48e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	3.98e-04	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
3757	5	0.0	0.0	-3.48e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	3.98e-04	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
3758	1	-21.55	9.48	-6.88e-03	0.0	0.0	-1058.86	1.00	0.28	1.70	-10.57	-93.87
		-93.87	-10.57	-2.31e-03	0.0	72.0	-1055.54	1.00	0.28	1.70	9.48	-21.55
3758	2	-17.42	7.63	-5.56e-03	0.0	0.0	-860.23	0.81	0.22	1.37	-8.50	-75.89
		-75.89	-8.50	-1.87e-03	0.0	72.0	-857.67	0.81	0.22	1.37	7.63	-17.42
3758	3	-16.19	7.15	-5.17e-03	0.0	0.0	-794.19	0.75	0.21	1.27	-7.96	-70.54
		-70.54	-7.96	-1.74e-03	0.0	72.0	-791.63	0.75	0.21	1.27	7.15	-16.19
3758	4	-13.74	6.13	-4.37e-03	0.0	0.0	-662.11	0.64	0.18	1.08	-6.82	-59.86
		-59.86	-6.82	-1.48e-03	0.0	72.0	-659.55	0.64	0.18	1.08	6.13	-13.74
3758	5	-13.74	6.13	-4.37e-03	0.0	0.0	-662.11	0.64	0.18	1.08	-6.82	-59.86
		-59.86	-6.82	-1.48e-03	0.0	72.0	-659.55	0.64	0.18	1.08	6.13	-13.74
3759	1	0.0	0.0	-9.78e-03	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.68e-03	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
3759	2	0.0	0.0	-7.91e-03	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.36e-03	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
3759	3	0.0	0.0	-7.35e-03	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.26e-03	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
3759	4	0.0	0.0	-6.23e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.07e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
3759	5	0.0	0.0	-6.23e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.07e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
3760	1	-18.92	49.72	-1.82e-03	0.0	0.0	-1058.60	0.57	-1.25	26.14	49.72	-60.23
		-60.23	-40.23	-4.38e-03	0.0	72.0	-1055.27	0.57	-1.25	26.14	-40.23	-18.92
3760	2	-15.30	39.96	-1.48e-03	0.0	0.0	-860.02	0.46	-1.00	21.13	39.96	-48.70
		-48.70	-32.33	-3.54e-03	0.0	72.0	-857.46	0.46	-1.00	21.13	-32.33	-15.30
3760	3	-14.22	37.44	-1.37e-03	0.0	0.0	-793.99	0.43	-0.94	19.64	37.44	-45.28
		-45.28	-30.29	-3.30e-03	0.0	72.0	-791.43	0.43	-0.94	19.64	-30.29	-14.22
3760	4	-12.06	32.45	-1.16e-03	0.0	0.0	-661.93	0.37	-0.82	16.63	32.45	-38.43
		-38.43	-26.26	-2.83e-03	0.0	72.0	-659.37	0.37	-0.82	16.63	-26.26	-12.06
3760	5	-12.06	32.45	-1.16e-03	0.0	0.0	-661.93	0.37	-0.82	16.63	32.45	-38.43
		-38.43	-26.26	-2.83e-03	0.0	72.0	-659.37	0.37	-0.82	16.63	-26.26	-12.06
3761	1	0.0	0.0	-4.42e-03	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0

		0.0	0.0	-4.56e-03	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
3761	2	0.0	0.0	-3.58e-03	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.68e-03	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
3761	3	0.0	0.0	-3.32e-03	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.43e-03	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
3761	4	0.0	0.0	-2.82e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.95e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
3761	5	0.0	0.0	-2.82e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.95e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
3762	1	-15.33	37.31	3.33e-03	0.0	0.0	-1058.01	0.15	-1.01	2.14	37.31	-26.06
		-26.06	-35.24	-4.42e-03	0.0	72.0	-1054.68	0.15	-1.01	2.14	-35.24	-15.33
3762	2	-12.40	30.13	2.69e-03	0.0	0.0	-859.54	0.12	-0.81	1.73	30.13	-21.07
		-21.07	-28.47	-3.57e-03	0.0	72.0	-856.98	0.12	-0.81	1.73	-28.47	-12.40
3762	3	-11.52	28.12	2.50e-03	0.0	0.0	-793.55	0.11	-0.76	1.63	28.12	-19.61
		-19.61	-26.55	-3.33e-03	0.0	72.0	-790.99	0.11	-0.76	1.63	-26.55	-11.52
3762	4	-9.76	23.98	2.13e-03	0.0	0.0	-661.55	0.10	-0.65	1.42	23.98	-16.64
		-16.64	-22.62	-2.85e-03	0.0	72.0	-658.99	0.10	-0.65	1.42	-22.62	-9.76
3762	5	-9.76	23.98	2.13e-03	0.0	0.0	-661.55	0.10	-0.65	1.42	23.98	-16.64
		-16.64	-22.62	-2.85e-03	0.0	72.0	-658.99	0.10	-0.65	1.42	-22.62	-9.76
3763	1	0.0	0.0	1.10e-03	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-4.67e-03	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
3763	2	0.0	0.0	8.81e-04	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.77e-03	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
3763	3	0.0	0.0	8.23e-04	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.51e-03	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
3763	4	0.0	0.0	7.05e-04	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.00e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
3763	5	0.0	0.0	7.05e-04	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.00e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
3764	1	-16.61	23.60	1.27e-03	0.0	0.0	-1057.51	0.45	-0.66	-16.78	23.60	-49.24
		-49.24	-23.69	-2.21e-03	0.0	72.0	-1054.18	0.45	-0.66	-16.78	-23.69	-16.61
3764	2	-13.44	19.28	1.02e-03	0.0	0.0	-859.14	0.37	-0.54	-13.59	19.28	-39.85
		-39.85	-19.33	-1.78e-03	0.0	72.0	-856.58	0.37	-0.54	-13.59	-19.33	-13.44
3764	3	-12.48	17.64	9.56e-04	0.0	0.0	-793.17	0.34	-0.49	-12.60	17.64	-37.01
		-37.01	-17.72	-1.66e-03	0.0	72.0	-790.61	0.34	-0.49	-12.60	-17.72	-12.48
3764	4	-10.56	14.41	8.28e-04	0.0	0.0	-661.23	0.29	-0.40	-10.61	14.41	-31.29
		-31.29	-14.53	-1.42e-03	0.0	72.0	-658.67	0.29	-0.40	-10.61	-14.53	-10.56
3764	5	-10.56	14.41	8.28e-04	0.0	0.0	-661.23	0.29	-0.40	-10.61	14.41	-31.29
		-31.29	-14.53	-1.42e-03	0.0	72.0	-658.67	0.29	-0.40	-10.61	-14.53	-10.56
3765	1	0.0	0.0	-1.80e-03	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.54e-03	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
3765	2	0.0	0.0	-1.47e-03	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.06e-03	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
3765	3	0.0	0.0	-1.35e-03	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.91e-03	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
3765	4	0.0	0.0	-1.12e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.61e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
3765	5	0.0	0.0	-1.12e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.61e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
3766	1	-21.31	15.76	-2.94e-03	0.0	0.0	-1057.42	0.74	0.51	-3.47	-21.12	-74.82
		-74.82	-21.12	1.43e-03	0.0	72.0	-1054.09	0.74	0.51	-3.47	15.76	-21.31
3766	2	-17.25	12.56	-2.39e-03	0.0	0.0	-859.06	0.60	0.41	-2.79	-16.89	-60.55
		-60.55	-16.89	1.16e-03	0.0	72.0	-856.50	0.60	0.41	-2.79	12.56	-17.25
3766	3	-16.01	11.93	-2.20e-03	0.0	0.0	-793.11	0.56	0.39	-2.60	-15.97	-56.19
		-56.19	-15.97	1.07e-03	0.0	72.0	-790.55	0.56	0.39	-2.60	11.93	-16.01
3766	4	-13.54	10.67	-1.83e-03	0.0	0.0	-661.19	0.47	0.34	-2.22	-14.13	-47.47
		-47.47	-14.13	8.86e-04	0.0	72.0	-658.63	0.47	0.34	-2.22	10.67	-13.54
3766	5	-13.54	10.67	-1.83e-03	0.0	0.0	-661.19	0.47	0.34	-2.22	-14.13	-47.47
		-47.47	-14.13	8.86e-04	0.0	72.0	-658.63	0.47	0.34	-2.22	10.67	-13.54
3767	1	0.0	0.0	-5.92e-03	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	1.50e-03	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
3767	2	0.0	0.0	-4.80e-03	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	1.21e-03	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
3767	3	0.0	0.0	-4.44e-03	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	1.13e-03	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
3767	4	0.0	0.0	-3.73e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	9.51e-04	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
3767	5	0.0	0.0	-3.73e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	9.51e-04	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
3768	1	-21.48	25.43	-4.34e-03	0.0	0.0	-1057.72	0.82	0.81	-3.95	-33.12	-80.23
		-80.23	-33.12	4.43e-03	0.0	72.0	-1054.39	0.82	0.81	-3.95	25.43	-21.48
3768	2	-17.38	20.43	-3.52e-03	0.0	0.0	-859.30	0.66	0.65	-3.18	-26.61	-64.90
		-64.90	-26.61	3.60e-03	0.0	72.0	-856.74	0.66	0.65	-3.18	20.43	-17.38
3768	3	-16.14	19.15	-3.25e-03	0.0	0.0	-793.33	0.61	0.61	-2.97	-24.94	-60.26
		-60.26	-24.94	3.32e-03	0.0	72.0	-790.77	0.61	0.61	-2.97	19.15	-16.14
3768	4	-13.66	16.61	-2.73e-03	0.0	0.0	-661.39	0.52	0.53	-2.54	-21.62	-50.97
		-50.97	-21.62	2.74e-03	0.0	72.0	-658.83	0.52	0.53	-2.54	16.61	-13.66



3768	5	-13.66	16.61	-2.73e-03	0.0	0.0	-661.39	0.52	0.53	-2.54	-21.62	-50.97
		-50.97	-21.62	2.74e-03	0.0	72.0	-658.83	0.52	0.53	-2.54	16.61	-13.66
3769	1	323.75	61.31	0.01	0.0	0.0	-636.06	-8.64	-3.19	0.0	61.31	323.75
		-263.68	-155.62	9.24e-04	0.0	68.0	-632.92	-8.64	-3.19	0.0	-155.62	-263.68
3769	2	261.32	49.58	0.01	0.0	0.0	-514.89	-6.97	-2.58	0.0	49.58	261.32
		-212.89	-126.13	7.57e-04	0.0	68.0	-512.47	-6.97	-2.58	0.0	-126.13	-212.89
3769	3	243.59	46.22	0.01	0.0	0.0	-477.94	-6.50	-2.40	0.0	46.22	243.59
		-198.41	-117.12	7.10e-04	0.0	68.0	-475.53	-6.50	-2.40	0.0	-117.12	-198.41
3769	4	208.11	39.08	9.25e-03	0.0	0.0	-403.94	-5.55	-2.02	0.0	39.08	208.11
		-169.36	-98.39	5.67e-04	0.0	68.0	-401.52	-5.55	-2.02	0.0	-98.39	-169.36
3769	5	208.11	39.08	9.25e-03	0.0	0.0	-403.94	-5.55	-2.02	0.0	39.08	208.11
		-169.36	-98.39	5.67e-04	0.0	68.0	-401.52	-5.55	-2.02	0.0	-98.39	-169.36
3770	1	37.15	0.0	-6.66e-03	0.0	0.0	-619.59	3.72	2.16	0.0	-155.62	-230.74
		-230.74	-155.62	-0.02	0.0	72.0	-616.26	3.72	2.16	0.0	0.0	37.15
3770	2	30.01	0.0	-5.38e-03	0.0	0.0	-501.80	3.00	1.75	0.0	-126.13	-186.29
		-186.29	-126.13	-0.02	0.0	72.0	-499.24	3.00	1.75	0.0	0.0	30.01
3770	3	27.94	0.0	-5.01e-03	0.0	0.0	-465.46	2.80	1.63	0.0	-117.12	-173.61
		-173.61	-117.12	-0.02	0.0	72.0	-462.90	2.80	1.63	0.0	0.0	27.94
3770	4	23.80	0.0	-4.26e-03	0.0	0.0	-392.66	2.39	1.37	0.0	-98.39	-148.17
		-148.17	-98.39	-0.01	0.0	72.0	-390.10	2.39	1.37	0.0	0.0	23.80
3770	5	23.80	0.0	-4.26e-03	0.0	0.0	-392.66	2.39	1.37	0.0	-98.39	-148.17
		-148.17	-98.39	-0.01	0.0	72.0	-390.10	2.39	1.37	0.0	0.0	23.80
3771	1	245.27	40.65	7.73e-03	0.0	0.0	-791.10	-5.57	-2.21	0.0	40.65	245.27
		-133.67	-109.71	-1.55e-03	0.0	68.0	-787.95	-5.57	-2.21	0.0	-109.71	-133.67
3771	2	197.82	32.86	6.22e-03	0.0	0.0	-641.58	-4.49	-1.79	0.0	32.86	197.82
		-107.74	-88.95	-1.24e-03	0.0	68.0	-639.17	-4.49	-1.79	0.0	-88.95	-107.74
3771	3	184.54	30.70	5.81e-03	0.0	0.0	-593.86	-4.19	-1.67	0.0	30.70	184.54
		-100.60	-82.63	-1.14e-03	0.0	68.0	-591.44	-4.19	-1.67	0.0	-82.63	-100.60
3771	4	157.97	25.98	4.99e-03	0.0	0.0	-498.41	-3.59	-1.40	0.0	25.98	157.97
		-86.29	-69.31	-1.01e-03	0.0	68.0	-496.00	-3.59	-1.40	0.0	-69.31	-86.29
3771	5	157.97	25.98	4.99e-03	0.0	0.0	-498.41	-3.59	-1.40	0.0	25.98	157.97
		-86.29	-69.31	-1.01e-03	0.0	68.0	-496.00	-3.59	-1.40	0.0	-69.31	-86.29
3772	1	-0.51	0.0	1.62e-03	0.0	0.0	-763.44	1.31	1.52	0.0	-109.71	-94.67
		-94.67	-109.71	-0.02	0.0	72.0	-760.11	1.31	1.52	0.0	0.0	-0.51
3772	2	-0.44	0.0	1.31e-03	0.0	0.0	-619.44	1.05	1.24	0.0	-88.95	-76.29
		-76.29	-88.95	-0.01	0.0	72.0	-616.88	1.05	1.24	0.0	0.0	-0.44
3772	3	-0.37	0.0	1.22e-03	0.0	0.0	-572.96	0.98	1.15	0.0	-82.63	-71.26
		-71.26	-82.63	-0.01	0.0	72.0	-570.40	0.98	1.15	0.0	0.0	-0.37
3772	4	-0.22	0.0	1.04e-03	0.0	0.0	-480.02	0.85	0.96	0.0	-69.31	-61.15
		-61.15	-69.31	-9.76e-03	0.0	72.0	-477.46	0.85	0.96	0.0	0.0	-0.22
3772	5	-0.22	0.0	1.04e-03	0.0	0.0	-480.02	0.85	0.96	0.0	-69.31	-61.15
		-61.15	-69.31	-9.76e-03	0.0	72.0	-477.46	0.85	0.96	0.0	0.0	-0.22
3773	1	280.83	10.02	9.01e-03	0.0	0.0	-878.91	-6.37	-0.81	0.0	10.02	280.83
		-152.19	-45.13	-3.27e-03	0.0	68.0	-875.77	-6.37	-0.81	0.0	-45.13	-152.19
3773	2	226.65	8.11	7.26e-03	0.0	0.0	-712.82	-5.14	-0.66	0.0	8.11	226.65
		-122.76	-36.71	-2.63e-03	0.0	68.0	-710.40	-5.14	-0.66	0.0	-36.71	-122.76
3773	3	211.47	7.70	6.78e-03	0.0	0.0	-659.65	-4.79	-0.61	0.0	7.70	211.47
		-114.55	-34.10	-2.43e-03	0.0	68.0	-657.23	-4.79	-0.61	0.0	-34.10	-114.55
3773	4	180.63	6.49	5.79e-03	0.0	0.0	-553.61	-4.10	-0.51	0.0	6.49	180.63
		-98.03	-28.25	-2.11e-03	0.0	68.0	-551.19	-4.10	-0.51	0.0	-28.25	-98.03
3773	5	180.63	6.49	5.79e-03	0.0	0.0	-553.61	-4.10	-0.51	0.0	6.49	180.63
		-98.03	-28.25	-2.11e-03	0.0	68.0	-551.19	-4.10	-0.51	0.0	-28.25	-98.03
3774	1	17.90	0.0	1.77e-03	0.0	0.0	-850.49	1.93	0.63	0.0	-45.13	-120.93
		-120.93	-45.13	-9.36e-03	0.0	72.0	-847.17	1.93	0.63	0.0	0.0	17.90
3774	2	14.45	0.0	1.43e-03	0.0	0.0	-690.06	1.56	0.51	0.0	-36.71	-97.56
		-97.56	-36.71	-7.58e-03	0.0	72.0	-687.50	1.56	0.51	0.0	0.0	14.45
3774	3	13.47	0.0	1.33e-03	0.0	0.0	-638.18	1.45	0.47	0.0	-34.10	-91.00
		-91.00	-34.10	-7.03e-03	0.0	72.0	-635.62	1.45	0.47	0.0	0.0	13.47
3774	4	11.51	0.0	1.13e-03	0.0	0.0	-534.73	1.24	0.39	0.0	-28.25	-77.86
		-77.86	-28.25	-5.91e-03	0.0	72.0	-532.17	1.24	0.39	0.0	0.0	11.51
3774	5	11.51	0.0	1.13e-03	0.0	0.0	-534.73	1.24	0.39	0.0	-28.25	-77.86
		-77.86	-28.25	-5.91e-03	0.0	72.0	-532.17	1.24	0.39	0.0	0.0	11.51
3775	1	426.96	-1.14	0.02	0.0	0.0	-996.89	-11.51	0.12	0.0	-9.26	426.96
		-355.94	-9.26	-4.18e-03	0.0	68.0	-993.74	-11.51	0.12	0.0	-1.14	-355.94
3775	2	345.08	-1.11	0.02	0.0	0.0	-807.73	-9.31	0.09	0.0	-7.47	345.08
		-287.75	-7.47	-3.37e-03	0.0	68.0	-805.31	-9.31	0.09	0.0	-1.11	-287.75
3775	3	321.04	-1.06	0.01	0.0	0.0	-748.69	-8.66	0.08	0.0	-6.76	321.04
		-267.65	-6.76	-3.12e-03	0.0	68.0	-746.27	-8.66	0.08	0.0	-1.06	-267.65
3775	4	272.79	-0.35	0.01	0.0	0.0	-630.49	-7.35	0.08	0.0	-5.74	272.79
		-227.22	-5.74	-2.69e-03	0.0	68.0	-628.07	-7.35	0.08	0.0	-0.35	-227.22
3775	5	272.79	-0.35	0.01	0.0	0.0	-630.49	-7.35	0.08	0.0	-5.74	272.79
		-227.22	-5.74	-2.69e-03	0.0	68.0	-628.07	-7.35	0.08	0.0	-0.35	-227.22
3776	1	41.05	0.0	-8.41e-03	0.0	0.0	-967.40	4.63	0.02	0.0	-1.14	-291.96
		-291.96	-1.14	-4.89e-03	0.0	72.0	-964.07	4.63	0.02	0.0	0.0	41.05
3776	2	33.19	0.0	-6.80e-03	0.0	0.0	-784.11	3.74	0.02	0.0	-1.11	-236.01
		-236.01	-1.11	-3.97e-03	0.0	72.0	-781.55	3.74	0.02	0.0	0.0	33.19
3776	3	30.87	0.0	-6.33e-03	0.0	0.0	-726.43	3.48	0.01	0.0	-1.06	-219.54

		-219.54	-1.06	-3.67e-03	0.0	72.0	-723.87	3.48	0.01	0.0	0.0	30.87
3776	4	26.21	0.0	-5.37e-03	0.0	0.0	-610.92	2.95	4.91e-03	0.0	-0.35	-186.39
		-186.39	-0.35	-3.09e-03	0.0	72.0	-608.36	2.95	4.91e-03	0.0	0.0	26.21
3776	5	26.21	0.0	-5.37e-03	0.0	0.0	-610.92	2.95	4.91e-03	0.0	-0.35	-186.39
		-186.39	-0.35	-3.09e-03	0.0	72.0	-608.36	2.95	4.91e-03	0.0	0.0	26.21
3777	1	441.82	15.75	0.02	0.0	0.0	-1011.09	-12.01	0.44	0.0	-14.11	441.82
		-374.69	-14.11	-4.04e-03	0.0	68.0	-1007.94	-12.01	0.44	0.0	15.75	-374.69
3777	2	357.20	12.59	0.02	0.0	0.0	-819.29	-9.71	0.35	0.0	-11.38	357.20
		-302.98	-11.38	-3.25e-03	0.0	68.0	-816.87	-9.71	0.35	0.0	12.59	-302.98
3777	3	332.24	11.59	0.01	0.0	0.0	-759.37	-9.03	0.32	0.0	-10.37	332.24
		-281.75	-10.37	-3.01e-03	0.0	68.0	-756.95	-9.03	0.32	0.0	11.59	-281.75
3777	4	282.19	10.21	0.01	0.0	0.0	-639.41	-7.67	0.28	0.0	-8.74	282.19
		-239.10	-8.74	-2.60e-03	0.0	68.0	-636.99	-7.67	0.28	0.0	10.21	-239.10
3777	5	282.19	10.21	0.01	0.0	0.0	-639.41	-7.67	0.28	0.0	-8.74	282.19
		-239.10	-8.74	-2.60e-03	0.0	68.0	-636.99	-7.67	0.28	0.0	10.21	-239.10
3778	1	460.18	11.82	0.02	0.0	0.0	-1013.86	-12.43	-0.36	0.0	11.82	460.18
		-385.21	-12.84	-5.85e-04	0.0	68.0	-1010.72	-12.43	-0.36	0.0	-12.84	-385.21
3778	2	371.81	9.55	0.02	0.0	0.0	-821.47	-10.05	-0.30	0.0	9.55	371.81
		-311.28	-10.52	-4.53e-04	0.0	68.0	-819.05	-10.05	-0.30	0.0	-10.52	-311.28
3778	3	345.91	9.01	0.02	0.0	0.0	-761.42	-9.34	-0.28	0.0	9.01	345.91
		-289.50	-9.83	-4.21e-04	0.0	68.0	-759.00	-9.34	-0.28	0.0	-9.83	-289.50
3778	4	294.12	7.60	0.01	0.0	0.0	-641.26	-7.94	-0.23	0.0	7.60	294.12
		-245.96	-7.88	-4.25e-04	0.0	68.0	-638.85	-7.94	-0.23	0.0	-7.88	-245.96
3778	5	294.12	7.60	0.01	0.0	0.0	-641.26	-7.94	-0.23	0.0	7.60	294.12
		-245.96	-7.88	-4.25e-04	0.0	68.0	-638.85	-7.94	-0.23	0.0	-7.88	-245.96
3779	1	44.51	0.0	-8.36e-03	0.0	0.0	-985.17	5.00	0.18	0.0	-12.84	-315.27
		-315.27	-12.84	-2.00e-03	0.0	72.0	-981.85	5.00	0.18	0.0	0.0	44.51
3779	2	35.97	0.0	-6.76e-03	0.0	0.0	-798.50	4.04	0.15	0.0	-10.52	-254.77
		-254.77	-10.52	-1.61e-03	0.0	72.0	-795.94	4.04	0.15	0.0	0.0	35.97
3779	3	33.45	0.0	-6.28e-03	0.0	0.0	-739.75	3.76	0.14	0.0	-9.83	-236.94
		-236.94	-9.83	-1.50e-03	0.0	72.0	-737.19	3.76	0.14	0.0	0.0	33.45
3779	4	28.42	0.0	-5.32e-03	0.0	0.0	-622.20	3.19	0.11	0.0	-7.88	-201.33
		-201.33	-7.88	-1.28e-03	0.0	72.0	-619.64	3.19	0.11	0.0	0.0	28.42
3779	5	28.42	0.0	-5.32e-03	0.0	0.0	-622.20	3.19	0.11	0.0	-7.88	-201.33
		-201.33	-7.88	-1.28e-03	0.0	72.0	-619.64	3.19	0.11	0.0	0.0	28.42
3780	1	466.24	35.64	0.02	0.0	0.0	-1044.87	-12.73	-1.27	0.0	35.64	466.24
		-399.59	-50.92	1.68e-03	0.0	68.0	-1041.72	-12.73	-1.27	0.0	-50.92	-399.59
3780	2	376.80	28.80	0.02	0.0	0.0	-846.49	-10.29	-1.03	0.0	28.80	376.80
		-322.98	-41.26	1.38e-03	0.0	68.0	-844.07	-10.29	-1.03	0.0	-41.26	-322.98
3780	3	350.46	26.90	0.02	0.0	0.0	-784.76	-9.57	-0.96	0.0	26.90	350.46
		-300.32	-38.45	1.28e-03	0.0	68.0	-782.34	-9.57	-0.96	0.0	-38.45	-300.32
3780	4	298.01	22.82	0.01	0.0	0.0	-661.29	-8.14	-0.81	0.0	22.82	298.01
		-255.25	-32.29	1.02e-03	0.0	68.0	-658.87	-8.14	-0.81	0.0	-32.29	-255.25
3780	5	298.01	22.82	0.01	0.0	0.0	-661.29	-8.14	-0.81	0.0	22.82	298.01
		-255.25	-32.29	1.02e-03	0.0	68.0	-658.87	-8.14	-0.81	0.0	-32.29	-255.25
3781	1	43.16	0.0	-7.83e-03	0.0	0.0	-1015.75	4.92	0.71	0.0	-50.92	-310.97
		-310.97	-50.92	-4.07e-03	0.0	72.0	-1012.42	4.92	0.71	0.0	0.0	43.16
3781	2	34.88	0.0	-6.33e-03	0.0	0.0	-823.17	3.98	0.57	0.0	-41.26	-251.34
		-251.34	-41.26	-3.28e-03	0.0	72.0	-820.61	3.98	0.57	0.0	0.0	34.88
3781	3	32.44	0.0	-5.88e-03	0.0	0.0	-762.77	3.70	0.53	0.0	-38.45	-233.73
		-233.73	-38.45	-3.06e-03	0.0	72.0	-760.21	3.70	0.53	0.0	0.0	32.44
3781	4	27.57	0.0	-4.98e-03	0.0	0.0	-641.94	3.14	0.45	0.0	-32.29	-198.64
		-198.64	-32.29	-2.62e-03	0.0	72.0	-639.38	3.14	0.45	0.0	0.0	27.57
3781	5	27.57	0.0	-4.98e-03	0.0	0.0	-641.94	3.14	0.45	0.0	-32.29	-198.64
		-198.64	-32.29	-2.62e-03	0.0	72.0	-639.38	3.14	0.45	0.0	0.0	27.57
3782	1	313.61	55.72	0.01	0.0	0.0	-1037.54	-7.28	-2.04	0.0	55.72	313.61
		-181.29	-83.12	3.67e-03	0.0	68.0	-1034.40	-7.28	-2.04	0.0	-83.12	-181.29
3782	2	253.31	45.07	9.80e-03	0.0	0.0	-840.85	-5.88	-1.65	0.0	45.07	253.31
		-146.41	-67.30	2.99e-03	0.0	68.0	-838.43	-5.88	-1.65	0.0	-67.30	-146.41
3782	3	235.95	42.00	9.12e-03	0.0	0.0	-779.04	-5.48	-1.54	0.0	42.00	235.95
		-136.40	-62.67	2.78e-03	0.0	68.0	-776.63	-5.48	-1.54	0.0	-62.67	-136.40
3782	4	200.83	35.57	7.77e-03	0.0	0.0	-655.61	-4.66	-1.30	0.0	35.57	200.83
		-116.16	-52.85	2.28e-03	0.0	68.0	-653.19	-4.66	-1.30	0.0	-52.85	-116.16
3782	5	200.83	35.57	7.77e-03	0.0	0.0	-655.61	-4.66	-1.30	0.0	35.57	200.83
		-116.16	-52.85	2.28e-03	0.0	68.0	-653.19	-4.66	-1.30	0.0	-52.85	-116.16
3783	1	402.86	18.29	0.02	0.0	0.0	-862.25	-10.88	-0.27	0.0	18.29	402.86
		-336.69	0.09	2.54e-03	0.0	68.0	-859.11	-10.88	-0.27	0.0	0.09	-336.69
3783	2	325.88	15.06	0.02	0.0	0.0	-699.51	-8.80	-0.23	0.0	15.06	325.88
		-272.37	-0.32	2.10e-03	0.0	68.0	-697.10	-8.80	-0.23	0.0	-0.32	-272.37
3783	3	302.70	13.79	0.02	0.0	0.0	-647.18	-8.17	-0.20	0.0	13.79	302.70
		-252.93	-0.01	1.92e-03	0.0	68.0	-644.76	-8.17	-0.20	0.0	-0.01	-252.93
3783	4	256.39	10.93	0.01	0.0	0.0	-542.52	-6.92	-0.14	0.0	10.93	256.39
		-214.11	1.14	1.49e-03	0.0	68.0	-540.10	-6.92	-0.14	0.0	1.14	-214.11
3783	5	256.39	10.93	0.01	0.0	0.0	-542.52	-6.92	-0.14	0.0	10.93	256.39
		-214.11	1.14	1.49e-03	0.0	68.0	-540.10	-6.92	-0.14	0.0	1.14	-214.11
3784	1	37.42	0.09	-4.46e-03	0.0	0.0	-834.28	4.24	-1.19e-03	0.0	0.09	-267.77
		-267.77	0.0	3.32e-03	0.0	72.0	-830.95	4.24	-1.19e-03	0.0	0.0	37.42

3784	2	30.27	0.0	-3.62e-03	0.0	0.0	-677.12	3.43	4.42e-03	0.0	-0.32	-216.60
		-216.60	-0.32	2.69e-03	0.0	72.0	-674.56	3.43	4.42e-03	0.0	0.0	30.27
3784	3	28.11	0.0	-3.35e-03	0.0	0.0	-626.05	3.18	1.77e-04	0.0	-0.01	-201.17
		-201.17	-0.01	2.49e-03	0.0	72.0	-623.49	3.18	1.77e-04	0.0	0.0	28.11
3784	4	23.81	1.14	-2.80e-03	0.0	0.0	-523.93	2.70	-0.02	0.0	1.14	-170.34
		-170.34	0.0	2.10e-03	0.0	72.0	-521.37	2.70	-0.02	0.0	0.0	23.81
3784	5	23.81	1.14	-2.80e-03	0.0	0.0	-523.93	2.70	-0.02	0.0	1.14	-170.34
		-170.34	0.0	2.10e-03	0.0	72.0	-521.37	2.70	-0.02	0.0	0.0	23.81
3785	1	429.66	13.83	0.02	0.0	0.0	-1160.10	-11.56	-1.03e-03	0.0	13.83	429.66
		-356.65	13.76	2.75e-03	0.0	68.0	-1156.95	-11.56	-1.03e-03	0.0	13.76	-356.65
3785	2	347.29	11.46	0.02	0.0	0.0	-939.26	-9.35	-9.47e-03	0.0	11.46	347.29
		-288.31	10.81	2.27e-03	0.0	68.0	-936.84	-9.35	-9.47e-03	0.0	10.81	-288.31
3785	3	323.01	10.45	0.02	0.0	0.0	-871.50	-8.69	-3.36e-03	0.0	10.45	323.01
		-268.06	10.23	2.07e-03	0.0	68.0	-869.08	-8.69	-3.36e-03	0.0	10.23	-268.06
3785	4	274.28	9.57	0.01	0.0	0.0	-736.02	-7.38	0.02	0.0	9.57	274.28
		-227.37	8.16	1.62e-03	0.0	68.0	-733.60	-7.38	0.02	0.0	8.16	-227.37
3785	5	274.28	9.57	0.01	0.0	0.0	-736.02	-7.38	0.02	0.0	8.16	274.28
		-227.37	8.16	1.62e-03	0.0	68.0	-733.60	-7.38	0.02	0.0	9.57	-227.37
3786	1	37.92	13.76	-5.92e-03	0.0	0.0	-1129.31	4.40	-0.19	0.0	13.76	-278.89
		-278.89	0.0	5.27e-03	0.0	72.0	-1125.98	4.40	-0.19	0.0	0.0	37.92
3786	2	30.65	10.81	-4.80e-03	0.0	0.0	-914.59	3.56	-0.15	0.0	10.81	-225.45
		-225.45	0.0	4.28e-03	0.0	72.0	-912.03	3.56	-0.15	0.0	0.0	30.65
3786	3	28.50	10.23	-4.45e-03	0.0	0.0	-848.25	3.31	-0.14	0.0	10.23	-209.61
		-209.61	0.0	3.95e-03	0.0	72.0	-845.69	3.31	-0.14	0.0	0.0	28.50
3786	4	24.18	9.57	-3.74e-03	0.0	0.0	-715.61	2.81	-0.13	0.0	9.57	-177.82
		-177.82	0.0	3.31e-03	0.0	72.0	-713.05	2.81	-0.13	0.0	0.0	24.18
3786	5	24.18	9.57	-3.74e-03	0.0	0.0	-715.61	2.81	-0.13	0.0	9.57	-177.82
		-177.82	0.0	3.31e-03	0.0	72.0	-713.05	2.81	-0.13	0.0	0.0	24.18
3787	1	288.29	22.48	9.66e-03	0.0	0.0	-1066.45	-6.57	-0.27	0.0	22.48	288.29
		-158.59	4.32	3.87e-03	0.0	68.0	-1063.30	-6.57	-0.27	0.0	4.32	-158.59
3787	2	232.74	18.36	7.80e-03	0.0	0.0	-863.87	-5.31	-0.22	0.0	18.36	232.74
		-128.01	3.40	3.18e-03	0.0	68.0	-861.45	-5.31	-0.22	0.0	3.40	-128.01
3787	3	217.07	17.01	7.28e-03	0.0	0.0	-801.01	-4.95	-0.21	0.0	17.01	217.07
		-119.61	3.03	2.92e-03	0.0	68.0	-798.60	-4.95	-0.21	0.0	3.03	-119.61
3787	4	185.42	14.03	6.23e-03	0.0	0.0	-675.37	-4.23	-0.17	0.0	14.03	185.42
		-102.29	2.78	2.36e-03	0.0	68.0	-672.95	-4.23	-0.17	0.0	2.78	-102.29
3787	5	185.42	14.03	6.23e-03	0.0	0.0	-675.37	-4.23	-0.17	0.0	14.03	185.42
		-102.29	2.78	2.36e-03	0.0	68.0	-672.95	-4.23	-0.17	0.0	2.78	-102.29
3788	1	15.81	4.32	2.14e-03	0.0	0.0	-1036.55	1.82	-0.06	0.0	4.32	-115.49
		-115.49	0.0	5.45e-03	0.0	72.0	-1033.22	1.82	-0.06	0.0	0.0	15.81
3788	2	12.76	3.40	1.73e-03	0.0	0.0	-839.92	1.47	-0.05	0.0	3.40	-93.20
		-93.20	0.0	4.45e-03	0.0	72.0	-837.36	1.47	-0.05	0.0	0.0	12.76
3788	3	11.94	3.03	1.60e-03	0.0	0.0	-778.44	1.38	-0.04	0.0	3.03	-87.18
		-87.18	0.0	4.08e-03	0.0	72.0	-775.88	1.38	-0.04	0.0	0.0	11.94
3788	4	10.22	2.78	1.37e-03	0.0	0.0	-655.54	1.18	-0.04	0.0	2.78	-74.61
		-74.61	0.0	3.35e-03	0.0	72.0	-652.98	1.18	-0.04	0.0	0.0	10.22
3788	5	10.22	2.78	1.37e-03	0.0	0.0	-655.54	1.18	-0.04	0.0	2.78	-74.61
		-74.61	0.0	3.35e-03	0.0	72.0	-652.98	1.18	-0.04	0.0	0.0	10.22
3789	1	271.71	19.12	8.24e-03	0.0	0.0	-818.49	-6.11	-0.03	0.0	19.12	271.71
		-144.08	17.28	4.14e-03	0.0	68.0	-815.35	-6.11	-0.03	0.0	17.28	-144.08
3789	2	219.21	15.56	6.64e-03	0.0	0.0	-663.54	-4.93	-0.02	0.0	15.56	219.21
		-116.19	14.09	3.38e-03	0.0	68.0	-661.13	-4.93	-0.02	0.0	14.09	-116.19
3789	3	204.38	14.54	6.20e-03	0.0	0.0	-614.55	-4.60	-0.03	0.0	14.54	204.38
		-108.49	12.66	3.12e-03	0.0	68.0	-612.13	-4.60	-0.03	0.0	12.66	-108.49
3789	4	174.82	12.24	5.31e-03	0.0	0.0	-516.43	-3.94	-0.03	0.0	12.24	174.82
		-92.95	10.30	2.55e-03	0.0	68.0	-514.01	-3.94	-0.03	0.0	10.30	-92.95
3789	5	174.82	12.24	5.31e-03	0.0	0.0	-516.43	-3.94	-0.03	0.0	12.24	174.82
		-92.95	10.30	2.55e-03	0.0	68.0	-514.01	-3.94	-0.03	0.0	10.30	-92.95
3790	1	16.51	17.28	1.56e-03	0.0	0.0	-791.82	1.85	-0.24	0.0	17.28	-116.98
		-116.98	0.0	7.41e-03	0.0	72.0	-788.49	1.85	-0.24	0.0	0.0	16.51
3790	2	13.32	14.09	1.26e-03	0.0	0.0	-642.21	1.50	-0.20	0.0	14.09	-94.35
		-94.35	0.0	6.05e-03	0.0	72.0	-639.65	1.50	-0.20	0.0	0.0	13.32
3790	3	12.42	12.66	1.17e-03	0.0	0.0	-594.40	1.40	-0.18	0.0	12.66	-88.04
		-88.04	0.0	5.54e-03	0.0	72.0	-591.84	1.40	-0.18	0.0	0.0	12.42
3790	4	10.64	10.30	1.00e-03	0.0	0.0	-498.65	1.20	-0.14	0.0	10.30	-75.42
		-75.42	0.0	4.53e-03	0.0	72.0	-496.09	1.20	-0.14	0.0	0.0	10.64
3790	5	10.64	10.30	1.00e-03	0.0	0.0	-498.65	1.20	-0.14	0.0	10.30	-75.42
		-75.42	0.0	4.53e-03	0.0	72.0	-496.09	1.20	-0.14	0.0	0.0	10.64
3791	1	344.11	45.66	0.01	0.0	0.0	-506.84	-9.09	0.56	0.0	7.91	344.11
		-273.98	7.91	3.81e-03	0.0	68.0	-503.70	-9.09	0.56	0.0	45.66	-273.98
3791	2	277.82	37.17	0.01	0.0	0.0	-410.88	-7.34	0.45	0.0	6.44	277.82
		-221.23	6.44	3.12e-03	0.0	68.0	-408.46	-7.34	0.45	0.0	37.17	-221.23
3791	3	258.71	33.94	0.01	0.0	0.0	-380.55	-6.83	0.41	0.0	6.13	258.71
		-205.92	6.13	2.88e-03	0.0	68.0	-378.13	-6.83	0.41	0.0	33.94	-205.92
3791	4	221.00	28.00	9.14e-03	0.0	0.0	-319.90	-5.84	0.33	0.0	5.23	221.00
		-175.84	5.23	2.35e-03	0.0	68.0	-317.48	-5.84	0.33	0.0	28.00	-175.84
3791	5	221.00	28.00	9.14e-03	0.0	0.0	-319.90	-5.84	0.33	0.0	5.23	221.00



3792	1	-175.84	5.23	2.35e-03	0.0	68.0	-317.48	-5.84	0.33	0.0	28.00	-175.84
		0.0	45.66	-0.01	0.0	0.0	-492.23	3.58	-0.63	0.0	45.66	-257.85
3792	2	-257.85	0.0	0.01	0.0	72.0	-488.90	3.58	-0.63	0.0	0.0	0.0
		0.0	37.17	-8.11e-03	0.0	0.0	-399.29	2.89	-0.52	0.0	37.17	-208.19
3792	3	-208.19	0.0	8.65e-03	0.0	72.0	-396.73	2.89	-0.52	0.0	0.0	0.0
		0.0	33.94	-7.55e-03	0.0	0.0	-369.47	2.69	-0.47	0.0	33.94	-193.80
3792	4	-193.80	0.0	7.94e-03	0.0	72.0	-366.91	2.69	-0.47	0.0	0.0	0.0
		0.0	28.00	-6.45e-03	0.0	0.0	-309.81	2.30	-0.39	0.0	28.00	-165.48
3792	5	-165.48	0.0	6.52e-03	0.0	72.0	-307.25	2.30	-0.39	0.0	0.0	0.0
		0.0	28.00	-6.45e-03	0.0	0.0	-309.81	2.30	-0.39	0.0	28.00	-165.48
3841	1	-165.48	0.0	6.52e-03	0.0	72.0	-307.25	2.30	-0.39	0.0	0.0	0.0
		62.49	39.91	2.12e-03	0.0	0.0	-906.96	-0.57	-1.21	-18.14	39.91	62.49
3841	2	21.33	-46.85	-0.02	0.0	72.0	-903.63	-0.57	-1.21	-18.14	-46.85	21.33
		50.43	32.15	1.71e-03	0.0	0.0	-736.54	-0.46	-0.97	-14.66	32.15	50.43
3841	3	17.21	-37.82	-0.01	0.0	72.0	-733.98	-0.46	-0.97	-14.66	-37.82	17.21
		47.00	30.04	1.59e-03	0.0	0.0	-680.38	-0.43	-0.91	-13.64	30.04	47.00
3841	4	16.04	-35.23	-0.01	0.0	72.0	-677.82	-0.43	-0.91	-13.64	-35.23	16.04
		40.17	25.87	1.35e-03	0.0	0.0	-568.06	-0.37	-0.78	-11.62	25.87	40.17
3841	5	13.71	-30.10	-0.01	0.0	72.0	-565.50	-0.37	-0.78	-11.62	-30.10	13.71
		40.17	25.87	1.35e-03	0.0	0.0	-568.06	-0.37	-0.78	-11.62	25.87	40.17
3842	1	13.71	-30.10	-0.01	0.0	72.0	-565.50	-0.37	-0.78	-11.62	-30.10	13.71
		0.0	0.0	4.88e-03	0.0	0.0	-922.77	0.0	0.0	0.0	0.0	0.0
3842	2	0.0	0.0	-0.02	0.0	60.0	-920.00	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	3.94e-03	0.0	0.0	-749.63	0.0	0.0	0.0	0.0	0.0
3842	3	0.0	0.0	-0.01	0.0	60.0	-747.50	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	3.67e-03	0.0	0.0	-692.13	0.0	0.0	0.0	0.0	0.0
3842	4	0.0	0.0	-0.01	0.0	60.0	-690.00	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	3.13e-03	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
3842	5	0.0	0.0	-0.01	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	3.13e-03	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
3843	1	0.0	0.0	-0.01	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
		39.49	8.06	-1.47e-03	0.0	0.0	-906.55	-0.28	0.27	-0.27	-11.49	39.49
3843	2	19.25	-11.49	-0.01	0.0	72.0	-903.22	-0.28	0.27	-0.27	8.06	19.25
		31.85	6.57	-1.19e-03	0.0	0.0	-736.21	-0.23	0.22	-0.22	-9.35	31.85
3843	3	15.54	-9.35	-0.01	0.0	72.0	-733.65	-0.23	0.22	-0.22	6.57	15.54
		29.72	6.06	-1.11e-03	0.0	0.0	-680.08	-0.21	0.20	-0.19	-8.64	29.72
3843	4	14.48	-8.64	-9.31e-03	0.0	72.0	-677.52	-0.21	0.20	-0.19	6.06	14.48
		25.47	4.95	-9.48e-04	0.0	0.0	-567.80	-0.18	0.17	-0.17	-7.08	25.47
3843	5	12.37	-7.08	-7.84e-03	0.0	72.0	-565.24	-0.18	0.17	-0.17	4.95	12.37
		25.47	4.95	-9.48e-04	0.0	0.0	-567.80	-0.18	0.17	-0.17	-7.08	25.47
3844	1	12.37	-7.08	-7.84e-03	0.0	72.0	-565.24	-0.18	0.17	-0.17	4.95	12.37
		0.0	0.0	1.29e-03	0.0	0.0	-922.77	0.0	0.0	0.0	0.0	0.0
3844	2	0.0	0.0	-0.01	0.0	60.0	-920.00	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	1.04e-03	0.0	0.0	-749.63	0.0	0.0	0.0	0.0	0.0
3844	3	0.0	0.0	-8.25e-03	0.0	60.0	-747.50	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	9.74e-04	0.0	0.0	-692.13	0.0	0.0	0.0	0.0	0.0
3844	4	0.0	0.0	-7.65e-03	0.0	60.0	-690.00	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	8.33e-04	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
3844	5	0.0	0.0	-6.45e-03	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	8.33e-04	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
3845	1	0.0	0.0	-6.45e-03	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
		71.51	41.35	2.74e-03	0.0	0.0	-906.93	-0.68	1.23	22.42	-47.45	71.51
3845	2	22.67	-47.45	-6.73e-03	0.0	72.0	-903.61	-0.68	1.23	22.42	41.35	22.67
		57.76	33.39	2.21e-03	0.0	0.0	-736.52	-0.55	1.00	18.15	-38.30	57.76
3845	3	18.31	-38.30	-5.46e-03	0.0	72.0	-733.96	-0.55	1.00	18.15	33.39	18.31
		53.77	31.10	2.06e-03	0.0	0.0	-680.36	-0.51	0.93	16.85	-35.69	53.77
3845	4	17.04	-35.69	-5.05e-03	0.0	72.0	-677.80	-0.51	0.93	16.85	31.10	17.04
		45.83	26.59	1.74e-03	0.0	0.0	-568.05	-0.43	0.79	14.28	-30.56	45.83
3845	5	14.53	-30.56	-4.25e-03	0.0	72.0	-565.48	-0.43	0.79	14.28	26.59	14.53
		45.83	26.59	1.74e-03	0.0	0.0	-568.05	-0.43	0.79	14.28	-30.56	45.83
3846	1	14.53	-30.56	-4.25e-03	0.0	72.0	-565.48	-0.43	0.79	14.28	26.59	14.53
		0.0	0.0	5.74e-03	0.0	0.0	-922.77	0.0	0.0	0.0	0.0	0.0
3846	2	0.0	0.0	-4.57e-03	0.0	60.0	-920.00	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	4.64e-03	0.0	0.0	-749.63	0.0	0.0	0.0	0.0	0.0
3846	3	0.0	0.0	-3.70e-03	0.0	60.0	-747.50	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	4.31e-03	0.0	0.0	-692.13	0.0	0.0	0.0	0.0	0.0
3846	4	0.0	0.0	-3.43e-03	0.0	60.0	-690.00	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	3.66e-03	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
3846	5	0.0	0.0	-2.87e-03	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	3.66e-03	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
3847	1	0.0	0.0	-2.87e-03	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
		102.66	25.08	6.87e-03	0.0	0.0	-907.45	-1.08	0.71	0.61	-25.80	102.66
3847	2	25.08	-25.80	-3.29e-03	0.0	72.0	-904.12	-1.08	0.71	0.61	25.08	25.08
		83.00	20.32	5.56e-03	0.0	0.0	-736.94	-0.87	0.57	0.50	-20.90	83.00
3847	3	20.27	-20.90	-2.67e-03	0.0	72.0	-734.38	-0.87	0.57	0.50	20.32	20.27
		77.20	18.86	5.16e-03	0.0	0.0	-680.75	-0.81	0.53	0.46	-19.40	77.20
		18.86	-19.40	-2.47e-03	0.0	72.0	-678.19	-0.81	0.53	0.46	18.86	18.86

3847	4	65.65	15.93	4.37e-03	0.0	0.0	-568.37	-0.69	0.45	0.40	-16.39	65.65
		16.05	-16.39	-2.08e-03	0.0	72.0	-565.81	-0.69	0.45	0.40	15.93	16.05
3847	5	65.65	15.93	4.37e-03	0.0	0.0	-568.37	-0.69	0.45	0.40	-16.39	65.65
		16.05	-16.39	-2.08e-03	0.0	72.0	-565.81	-0.69	0.45	0.40	15.93	16.05
3848	1	0.0	0.0	0.01	0.0	0.0	-922.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.02e-03	0.0	60.0	-920.00	0.0	0.0	0.0	0.0	0.0
3848	2	0.0	0.0	8.29e-03	0.0	0.0	-749.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.64e-03	0.0	60.0	-747.50	0.0	0.0	0.0	0.0	0.0
3848	3	0.0	0.0	7.70e-03	0.0	0.0	-692.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.52e-03	0.0	60.0	-690.00	0.0	0.0	0.0	0.0	0.0
3848	4	0.0	0.0	6.53e-03	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.27e-03	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
3848	5	0.0	0.0	6.53e-03	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.27e-03	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
3849	1	74.72	4.74	2.84e-03	0.0	0.0	-907.68	-0.71	0.09	-22.95	-1.97	74.72
		23.65	-1.97	-1.47e-03	0.0	72.0	-904.35	-0.71	0.09	-22.95	4.74	23.65
3849	2	60.40	3.91	2.30e-03	0.0	0.0	-737.12	-0.57	0.08	-18.58	-1.67	60.40
		19.12	-1.67	-1.19e-03	0.0	72.0	-734.56	-0.57	0.08	-18.58	3.91	19.12
3849	3	56.21	3.51	2.13e-03	0.0	0.0	-680.92	-0.53	0.07	-17.28	-1.41	56.21
		17.80	-1.41	-1.11e-03	0.0	72.0	-678.36	-0.53	0.07	-17.28	3.51	17.80
3849	4	47.86	2.70	1.80e-03	0.0	0.0	-568.52	-0.45	0.05	-14.64	-0.88	47.86
		15.16	-0.88	-9.35e-04	0.0	72.0	-565.95	-0.45	0.05	-14.64	2.70	15.16
3849	5	47.86	2.70	1.80e-03	0.0	0.0	-568.52	-0.45	0.05	-14.64	-0.88	47.86
		15.16	-0.88	-9.35e-04	0.0	72.0	-565.95	-0.45	0.05	-14.64	2.70	15.16
3850	1	0.0	0.0	5.98e-03	0.0	0.0	-922.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.00e-03	0.0	60.0	-920.00	0.0	0.0	0.0	0.0	0.0
3850	2	0.0	0.0	4.83e-03	0.0	0.0	-749.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-8.11e-04	0.0	60.0	-747.50	0.0	0.0	0.0	0.0	0.0
3850	3	0.0	0.0	4.49e-03	0.0	0.0	-692.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-7.56e-04	0.0	60.0	-690.00	0.0	0.0	0.0	0.0	0.0
3850	4	0.0	0.0	3.81e-03	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-6.46e-04	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
3850	5	0.0	0.0	3.81e-03	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-6.46e-04	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
3851	1	47.02	8.40	-1.57e-03	0.0	0.0	-907.77	-0.34	0.23	0.71	-8.05	47.02
		22.33	-8.05	-2.14e-04	0.0	72.0	-904.45	-0.34	0.23	0.71	8.40	22.33
3851	2	37.96	6.83	-1.27e-03	0.0	0.0	-737.20	-0.28	0.19	0.57	-6.55	37.96
		18.04	-6.55	-1.75e-04	0.0	72.0	-734.64	-0.28	0.19	0.57	6.83	18.04
3851	3	35.38	6.30	-1.19e-03	0.0	0.0	-680.99	-0.26	0.17	0.56	-6.04	35.38
		16.80	-6.04	-1.61e-04	0.0	72.0	-678.43	-0.26	0.17	0.56	6.30	16.80
3851	4	30.27	5.17	-1.00e-03	0.0	0.0	-568.57	-0.22	0.14	0.54	-4.91	30.27
		14.32	-4.91	-1.35e-04	0.0	72.0	-566.01	-0.22	0.14	0.54	5.17	14.32
3851	5	30.27	5.17	-1.00e-03	0.0	0.0	-568.57	-0.22	0.14	0.54	-4.91	30.27
		14.32	-4.91	-1.35e-04	0.0	72.0	-566.01	-0.22	0.14	0.54	5.17	14.32
3852	1	0.0	0.0	1.74e-03	0.0	0.0	-922.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	8.20e-05	0.0	60.0	-920.00	0.0	0.0	0.0	0.0	0.0
3852	2	0.0	0.0	1.40e-03	0.0	0.0	-749.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	6.60e-05	0.0	60.0	-747.50	0.0	0.0	0.0	0.0	0.0
3852	3	0.0	0.0	1.30e-03	0.0	0.0	-692.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	6.15e-05	0.0	60.0	-690.00	0.0	0.0	0.0	0.0	0.0
3852	4	0.0	0.0	1.13e-03	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	4.92e-05	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
3852	5	0.0	0.0	1.13e-03	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	4.92e-05	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
3853	1	75.87	14.64	3.22e-03	0.0	0.0	-907.91	-0.72	0.43	23.47	-16.66	75.87
		24.08	-16.66	5.00e-04	0.0	72.0	-904.59	-0.72	0.43	23.47	14.64	24.08
3853	2	61.31	11.79	2.60e-03	0.0	0.0	-737.31	-0.58	0.35	19.00	-13.40	61.31
		19.46	-13.40	4.02e-04	0.0	72.0	-734.75	-0.58	0.35	19.00	11.79	19.46
3853	3	57.07	11.07	2.42e-03	0.0	0.0	-681.10	-0.54	0.33	17.64	-12.60	57.07
		18.11	-12.60	3.78e-04	0.0	72.0	-678.54	-0.54	0.33	17.64	11.07	18.11
3853	4	48.63	9.61	2.06e-03	0.0	0.0	-568.66	-0.46	0.29	14.89	-10.97	48.63
		15.43	-10.97	3.29e-04	0.0	72.0	-566.10	-0.46	0.29	14.89	9.61	15.43
3853	5	48.63	9.61	2.06e-03	0.0	0.0	-568.66	-0.46	0.29	14.89	-10.97	48.63
		15.43	-10.97	3.29e-04	0.0	72.0	-566.10	-0.46	0.29	14.89	9.61	15.43
3854	1	0.0	0.0	6.35e-03	0.0	0.0	-922.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	7.90e-04	0.0	60.0	-920.00	0.0	0.0	0.0	0.0	0.0
3854	2	0.0	0.0	5.13e-03	0.0	0.0	-749.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	6.36e-04	0.0	60.0	-747.50	0.0	0.0	0.0	0.0	0.0
3854	3	0.0	0.0	4.77e-03	0.0	0.0	-692.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	5.97e-04	0.0	60.0	-690.00	0.0	0.0	0.0	0.0	0.0
3854	4	0.0	0.0	4.07e-03	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	5.18e-04	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
3854	5	0.0	0.0	4.07e-03	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	5.18e-04	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
3855	1	102.16	3.62	7.86e-03	0.0	0.0	-908.05	-1.07	0.10	1.82	-3.84	102.16
		25.28	-3.84	4.61e-04	0.0	72.0	-904.72	-1.07	0.10	1.82	3.62	25.28
3855	2	82.60	2.92	6.36e-03	0.0	0.0	-737.43	-0.86	0.08	1.47	-3.10	82.60

		20.43	-3.10	3.71e-04	0.0	72.0	-734.87	-0.86	0.08	1.47	2.92	20.43
3855	3	76.83	2.71	5.91e-03	0.0	0.0	-681.20	-0.80	0.08	1.38	-2.87	76.83
		19.01	-2.87	3.48e-04	0.0	72.0	-678.64	-0.80	0.08	1.38	2.71	19.01
3855	4	65.28	2.32	5.01e-03	0.0	0.0	-568.75	-0.68	0.07	1.17	-2.46	65.28
		16.17	-2.46	3.03e-04	0.0	72.0	-566.19	-0.68	0.07	1.17	2.32	16.17
3855	5	65.28	2.32	5.01e-03	0.0	0.0	-568.75	-0.68	0.07	1.17	-2.46	65.28
		16.17	-2.46	3.03e-04	0.0	72.0	-566.19	-0.68	0.07	1.17	2.32	16.17
3856	1	0.0	0.0	0.01	0.0	0.0	-922.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	4.85e-04	0.0	60.0	-920.00	0.0	0.0	0.0	0.0	0.0
3856	2	0.0	0.0	8.95e-03	0.0	0.0	-749.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	3.91e-04	0.0	60.0	-747.50	0.0	0.0	0.0	0.0	0.0
3856	3	0.0	0.0	8.32e-03	0.0	0.0	-692.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	3.65e-04	0.0	60.0	-690.00	0.0	0.0	0.0	0.0	0.0
3856	4	0.0	0.0	7.06e-03	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	3.17e-04	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
3856	5	0.0	0.0	7.06e-03	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	3.17e-04	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
3857	1	73.28	11.88	4.68e-03	0.0	0.0	-907.99	-0.69	-0.30	-19.99	11.88	73.28
		23.29	-9.48	2.11e-04	0.0	72.0	-904.67	-0.69	-0.30	-19.99	-9.48	23.29
3857	2	59.22	9.54	3.78e-03	0.0	0.0	-737.38	-0.56	-0.24	-16.17	9.54	59.22
		18.82	-7.61	1.70e-04	0.0	72.0	-734.82	-0.56	-0.24	-16.17	-7.61	18.82
3857	3	55.09	8.97	3.51e-03	0.0	0.0	-681.16	-0.52	-0.22	-15.07	8.97	55.09
		17.51	-7.16	1.59e-04	0.0	72.0	-678.60	-0.52	-0.22	-15.07	-7.16	17.51
3857	4	46.88	7.84	2.98e-03	0.0	0.0	-568.72	-0.44	-0.20	-12.78	7.84	46.88
		14.90	-6.25	1.40e-04	0.0	72.0	-566.16	-0.44	-0.20	-12.78	-6.25	14.90
3857	5	46.88	7.84	2.98e-03	0.0	0.0	-568.72	-0.44	-0.20	-12.78	7.84	46.88
		14.90	-6.25	1.40e-04	0.0	72.0	-566.16	-0.44	-0.20	-12.78	-6.25	14.90
3858	1	0.0	0.0	7.45e-03	0.0	0.0	-922.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.31e-05	0.0	60.0	-920.00	0.0	0.0	0.0	0.0	0.0
3858	2	0.0	0.0	6.02e-03	0.0	0.0	-749.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.67e-05	0.0	60.0	-747.50	0.0	0.0	0.0	0.0	0.0
3858	3	0.0	0.0	5.59e-03	0.0	0.0	-692.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.57e-05	0.0	60.0	-690.00	0.0	0.0	0.0	0.0	0.0
3858	4	0.0	0.0	4.75e-03	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.13e-05	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
3858	5	0.0	0.0	4.75e-03	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.13e-05	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
3859	1	46.31	6.40	1.49e-03	0.0	0.0	-907.86	-0.33	-0.14	1.85	6.40	46.31
		22.60	-3.58	4.16e-04	0.0	72.0	-904.53	-0.33	-0.14	1.85	-3.58	22.60
3859	2	37.39	5.18	1.20e-03	0.0	0.0	-737.27	-0.27	-0.11	1.49	5.18	37.39
		18.26	-2.92	3.33e-04	0.0	72.0	-734.71	-0.27	-0.11	1.49	-2.92	18.26
3859	3	34.78	4.82	1.11e-03	0.0	0.0	-681.06	-0.25	-0.10	1.41	4.82	34.78
		16.99	-2.69	3.13e-04	0.0	72.0	-678.50	-0.25	-0.10	1.41	-2.69	16.99
3859	4	29.72	4.09	9.42e-04	0.0	0.0	-568.63	-0.21	-0.09	1.22	4.09	29.72
		14.48	-2.25	2.75e-04	0.0	72.0	-566.07	-0.21	-0.09	1.22	-2.25	14.48
3859	5	29.72	4.09	9.42e-04	0.0	0.0	-568.63	-0.21	-0.09	1.22	4.09	29.72
		14.48	-2.25	2.75e-04	0.0	72.0	-566.07	-0.21	-0.09	1.22	-2.25	14.48
3860	1	0.0	0.0	3.95e-03	0.0	0.0	-922.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	3.24e-04	0.0	60.0	-920.00	0.0	0.0	0.0	0.0	0.0
3860	2	0.0	0.0	3.19e-03	0.0	0.0	-749.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	2.58e-04	0.0	60.0	-747.50	0.0	0.0	0.0	0.0	0.0
3860	3	0.0	0.0	2.96e-03	0.0	0.0	-692.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	2.44e-04	0.0	60.0	-690.00	0.0	0.0	0.0	0.0	0.0
3860	4	0.0	0.0	2.52e-03	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	2.17e-04	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
3860	5	0.0	0.0	2.52e-03	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	2.17e-04	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
3861	1	83.47	28.09	7.04e-03	0.0	0.0	-908.05	-0.79	0.85	28.64	-33.38	83.47
		26.42	-33.38	6.04e-04	0.0	72.0	-904.72	-0.79	0.85	28.64	28.09	26.42
3861	2	67.44	22.52	5.69e-03	0.0	0.0	-737.43	-0.64	0.68	23.16	-26.78	67.44
		21.34	-26.78	4.86e-04	0.0	72.0	-734.87	-0.64	0.68	23.16	22.52	21.34
3861	3	62.76	21.23	5.29e-03	0.0	0.0	-681.20	-0.60	0.65	21.58	-25.23	62.76
		19.86	-25.23	4.54e-04	0.0	72.0	-678.64	-0.60	0.65	21.58	21.23	19.86
3861	4	53.45	18.58	4.50e-03	0.0	0.0	-568.76	-0.51	0.56	18.34	-22.04	53.45
		16.91	-22.04	3.93e-04	0.0	72.0	-566.20	-0.51	0.56	18.34	18.58	16.91
3861	5	53.45	18.58	4.50e-03	0.0	0.0	-568.76	-0.51	0.56	18.34	-22.04	53.45
		16.91	-22.04	3.93e-04	0.0	72.0	-566.20	-0.51	0.56	18.34	18.58	16.91
3862	1	0.0	0.0	9.90e-03	0.0	0.0	-922.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	1.18e-03	0.0	60.0	-920.00	0.0	0.0	0.0	0.0	0.0
3862	2	0.0	0.0	8.00e-03	0.0	0.0	-749.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	9.45e-04	0.0	60.0	-747.50	0.0	0.0	0.0	0.0	0.0
3862	3	0.0	0.0	7.44e-03	0.0	0.0	-692.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	8.89e-04	0.0	60.0	-690.00	0.0	0.0	0.0	0.0	0.0
3862	4	0.0	0.0	6.33e-03	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	7.75e-04	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
3862	5	0.0	0.0	6.33e-03	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	7.75e-04	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0



3863	1	120.75	12.77	0.01	0.0	0.0	-908.39	-1.23	0.35	1.02	-12.46	120.75
		32.36	-12.46	-6.40e-04	0.0	72.0	-905.06	-1.23	0.35	1.02	12.77	32.36
3863	2	97.61	10.17	0.01	0.0	0.0	-737.70	-0.99	0.28	0.83	-9.92	97.61
		26.16	-9.92	-5.09e-04	0.0	72.0	-735.14	-0.99	0.28	0.83	10.17	26.16
3863	3	90.82	9.69	9.37e-03	0.0	0.0	-681.46	-0.92	0.27	0.77	-9.46	90.82
		24.33	-9.46	-4.86e-04	0.0	72.0	-678.90	-0.92	0.27	0.77	9.69	24.33
3863	4	77.23	8.67	7.97e-03	0.0	0.0	-568.98	-0.79	0.24	0.66	-8.49	77.23
		20.70	-8.49	-4.38e-04	0.0	72.0	-566.42	-0.79	0.24	0.66	8.67	20.70
3863	5	77.23	8.67	7.97e-03	0.0	0.0	-568.98	-0.79	0.24	0.66	-8.49	77.23
		20.70	-8.49	-4.38e-04	0.0	72.0	-566.42	-0.79	0.24	0.66	8.67	20.70
3864	1	0.0	0.0	0.02	0.0	0.0	-922.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.46e-04	0.0	60.0	-920.00	0.0	0.0	0.0	0.0	0.0
3864	2	0.0	0.0	0.01	0.0	0.0	-749.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.15e-04	0.0	60.0	-747.50	0.0	0.0	0.0	0.0	0.0
3864	3	0.0	0.0	0.01	0.0	0.0	-692.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.11e-04	0.0	60.0	-690.00	0.0	0.0	0.0	0.0	0.0
3864	4	0.0	0.0	0.01	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.03e-04	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
3864	5	0.0	0.0	0.01	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.03e-04	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
3865	1	118.53	3.77	0.01	0.0	0.0	-908.56	-1.20	0.11	-6.50	-4.50	118.53
		32.41	-4.50	-2.89e-03	0.0	72.0	-905.23	-1.20	0.11	-6.50	3.77	32.41
3865	2	95.81	2.93	9.21e-03	0.0	0.0	-737.83	-0.97	0.09	-5.26	-3.52	95.81
		26.19	-3.52	-2.30e-03	0.0	72.0	-735.27	-0.97	0.09	-5.26	2.93	26.19
3865	3	89.14	2.89	8.57e-03	0.0	0.0	-681.59	-0.90	0.09	-4.90	-3.44	89.14
		24.37	-3.44	-2.18e-03	0.0	72.0	-679.03	-0.90	0.09	-4.90	2.89	24.37
3865	4	75.84	2.77	7.29e-03	0.0	0.0	-569.10	-0.77	0.08	-4.15	-3.26	75.84
		20.73	-3.26	-1.94e-03	0.0	72.0	-566.54	-0.77	0.08	-4.15	2.77	20.73
3865	5	75.84	2.77	7.29e-03	0.0	0.0	-569.10	-0.77	0.08	-4.15	-3.26	75.84
		20.73	-3.26	-1.94e-03	0.0	72.0	-566.54	-0.77	0.08	-4.15	2.77	20.73
3866	1	0.0	0.0	0.01	0.0	0.0	-922.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.32e-03	0.0	60.0	-920.00	0.0	0.0	0.0	0.0	0.0
3866	2	0.0	0.0	0.01	0.0	0.0	-749.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.85e-03	0.0	60.0	-747.50	0.0	0.0	0.0	0.0	0.0
3866	3	0.0	0.0	0.01	0.0	0.0	-692.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.75e-03	0.0	60.0	-690.00	0.0	0.0	0.0	0.0	0.0
3866	4	0.0	0.0	9.55e-03	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.55e-03	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
3866	5	0.0	0.0	9.55e-03	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.55e-03	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
3867	1	79.55	9.92	4.87e-03	0.0	0.0	-908.53	-0.75	-0.29	-28.75	9.92	79.55
		25.73	-11.03	-5.44e-03	0.0	72.0	-905.20	-0.75	-0.29	-28.75	-11.03	25.73
3867	2	64.26	8.04	3.94e-03	0.0	0.0	-737.80	-0.60	-0.24	-23.24	8.04	64.26
		20.79	-8.94	-4.34e-03	0.0	72.0	-735.24	-0.60	-0.24	-23.24	-8.94	20.79
3867	3	59.82	7.41	3.66e-03	0.0	0.0	-681.56	-0.56	-0.22	-21.64	7.41	59.82
		19.36	-8.25	-4.12e-03	0.0	72.0	-679.00	-0.56	-0.22	-21.64	-8.25	19.36
3867	4	51.01	6.22	3.12e-03	0.0	0.0	-569.08	-0.48	-0.18	-18.41	6.22	51.01
		16.50	-6.94	-3.67e-03	0.0	72.0	-566.52	-0.48	-0.18	-18.41	-6.94	16.50
3867	5	51.01	6.22	3.12e-03	0.0	0.0	-569.08	-0.48	-0.18	-18.41	6.22	51.01
		16.50	-6.94	-3.67e-03	0.0	72.0	-566.52	-0.48	-0.18	-18.41	-6.94	16.50
3868	1	0.0	0.0	7.94e-03	0.0	0.0	-922.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-4.89e-03	0.0	60.0	-920.00	0.0	0.0	0.0	0.0	0.0
3868	2	0.0	0.0	6.41e-03	0.0	0.0	-749.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.91e-03	0.0	60.0	-747.50	0.0	0.0	0.0	0.0	0.0
3868	3	0.0	0.0	5.96e-03	0.0	0.0	-692.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.70e-03	0.0	60.0	-690.00	0.0	0.0	0.0	0.0	0.0
3868	4	0.0	0.0	5.08e-03	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.28e-03	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
3868	5	0.0	0.0	5.08e-03	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.28e-03	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
3869	1	41.26	36.31	-1.26e-03	0.0	0.0	-908.29	-0.31	-1.00	-2.44	36.31	41.26
		18.93	-35.43	-7.39e-03	0.0	72.0	-904.97	-0.31	-1.00	-2.44	-35.43	18.93
3869	2	33.28	29.30	-1.02e-03	0.0	0.0	-737.61	-0.25	-0.80	-1.96	29.30	33.28
		15.28	-28.58	-5.88e-03	0.0	72.0	-735.05	-0.25	-0.80	-1.96	-28.58	15.28
3869	3	31.04	27.28	-9.47e-04	0.0	0.0	-681.39	-0.23	-0.75	-1.80	27.28	31.04
		14.24	-26.63	-5.59e-03	0.0	72.0	-678.83	-0.23	-0.75	-1.80	-26.63	14.24
3869	4	26.56	23.36	-8.07e-04	0.0	0.0	-568.93	-0.20	-0.64	-1.54	23.36	26.56
		12.15	-22.85	-5.01e-03	0.0	72.0	-566.37	-0.20	-0.64	-1.54	-22.85	12.15
3869	5	26.56	23.36	-8.07e-04	0.0	0.0	-568.93	-0.20	-0.64	-1.54	23.36	26.56
		12.15	-22.85	-5.01e-03	0.0	72.0	-566.37	-0.20	-0.64	-1.54	-22.85	12.15
3870	1	0.0	0.0	1.64e-03	0.0	0.0	-922.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-7.18e-03	0.0	60.0	-920.00	0.0	0.0	0.0	0.0	0.0
3870	2	0.0	0.0	1.32e-03	0.0	0.0	-749.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-5.73e-03	0.0	60.0	-747.50	0.0	0.0	0.0	0.0	0.0
3870	3	0.0	0.0	1.23e-03	0.0	0.0	-692.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-5.43e-03	0.0	60.0	-690.00	0.0	0.0	0.0	0.0	0.0
3870	4	0.0	0.0	1.05e-03	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0

		0.0	0.0	-4.84e-03	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
3870	5	0.0	0.0	1.05e-03	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-4.84e-03	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
3871	1	40.82	101.14	-5.98e-04	0.0	0.0	-907.68	-0.37	-2.38	8.56	101.14	40.82
		14.28	-70.11	-7.39e-03	0.0	72.0	-904.36	-0.37	-2.38	8.56	-70.11	14.28
3871	2	32.98	81.48	-4.81e-04	0.0	0.0	-737.12	-0.30	-1.92	6.94	81.48	32.98
		11.53	-56.40	-5.86e-03	0.0	72.0	-734.56	-0.30	-1.92	6.94	-56.40	11.53
3871	3	30.72	76.18	-4.51e-04	0.0	0.0	-680.93	-0.28	-1.79	6.42	76.18	30.72
		10.74	-52.84	-5.61e-03	0.0	72.0	-678.37	-0.28	-1.79	6.42	-52.84	10.74
3871	4	26.16	65.53	-3.88e-04	0.0	0.0	-568.53	-0.24	-1.54	5.40	65.53	26.16
		9.15	-45.70	-5.10e-03	0.0	72.0	-565.97	-0.24	-1.54	5.40	-45.70	9.15
3871	5	26.16	65.53	-3.88e-04	0.0	0.0	-568.53	-0.24	-1.54	5.40	65.53	26.16
		9.15	-45.70	-5.10e-03	0.0	72.0	-565.97	-0.24	-1.54	5.40	-45.70	9.15
3872	1	0.0	0.0	2.31e-03	0.0	0.0	-922.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-7.31e-03	0.0	60.0	-920.00	0.0	0.0	0.0	0.0	0.0
3872	2	0.0	0.0	1.87e-03	0.0	0.0	-749.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-5.81e-03	0.0	60.0	-747.50	0.0	0.0	0.0	0.0	0.0
3872	3	0.0	0.0	1.74e-03	0.0	0.0	-692.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-5.55e-03	0.0	60.0	-690.00	0.0	0.0	0.0	0.0	0.0
3872	4	0.0	0.0	1.47e-03	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-5.01e-03	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
3872	5	0.0	0.0	1.47e-03	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-5.01e-03	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
3905	1	45.91	63.25	2.22e-03	0.0	0.0	-1056.94	-0.42	-1.83	-17.92	63.25	45.91
		15.78	-68.54	-0.02	0.0	72.0	-1053.61	-0.42	-1.83	-17.92	-68.54	15.78
3905	2	37.06	50.93	1.79e-03	0.0	0.0	-858.68	-0.34	-1.48	-14.48	50.93	37.06
		12.74	-55.30	-0.02	0.0	72.0	-856.12	-0.34	-1.48	-14.48	-55.30	12.74
3905	3	34.52	47.60	1.67e-03	0.0	0.0	-792.75	-0.31	-1.38	-13.47	47.60	34.52
		11.87	-51.55	-0.02	0.0	72.0	-790.19	-0.31	-1.38	-13.47	-51.55	11.87
3905	4	29.47	40.94	1.42e-03	0.0	0.0	-660.88	-0.27	-1.18	-11.48	40.94	29.47
		10.13	-44.05	-0.02	0.0	72.0	-658.32	-0.27	-1.18	-11.48	-44.05	10.13
3905	5	29.47	40.94	1.42e-03	0.0	0.0	-660.88	-0.27	-1.18	-11.48	40.94	29.47
		10.13	-44.05	-0.02	0.0	72.0	-658.32	-0.27	-1.18	-11.48	-44.05	10.13
3906	1	0.0	0.0	4.14e-03	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
3906	2	0.0	0.0	3.34e-03	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
3906	3	0.0	0.0	3.11e-03	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
3906	4	0.0	0.0	2.65e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
3906	5	0.0	0.0	2.65e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
3907	1	21.00	-0.29	-1.06e-03	0.0	0.0	-1056.39	-0.10	0.04	0.13	-3.41	21.00
		13.48	-3.41	-0.02	0.0	72.0	-1053.06	-0.10	0.04	0.13	-0.29	13.48
3907	2	16.95	-0.20	-8.56e-04	0.0	0.0	-858.23	-0.08	0.04	0.10	-2.82	16.95
		10.89	-2.82	-0.01	0.0	72.0	-855.67	-0.08	0.04	0.10	-0.20	10.89
3907	3	15.81	-0.32	-7.93e-04	0.0	0.0	-792.33	-0.08	0.03	0.11	-2.42	15.81
		10.14	-2.42	-0.01	0.0	72.0	-789.76	-0.08	0.03	0.11	-0.32	10.14
3907	4	13.52	-0.57	-6.77e-04	0.0	0.0	-660.52	-0.07	0.01	0.08	-1.60	13.52
		8.64	-1.60	-0.01	0.0	72.0	-657.96	-0.07	0.01	0.08	-0.57	8.64
3907	5	13.52	-0.57	-6.77e-04	0.0	0.0	-660.52	-0.07	0.01	0.08	-1.60	13.52
		8.64	-1.60	-0.01	0.0	72.0	-657.96	-0.07	0.01	0.08	-0.57	8.64
3908	1	0.0	0.0	6.15e-04	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
3908	2	0.0	0.0	4.93e-04	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
3908	3	0.0	0.0	4.63e-04	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
3908	4	0.0	0.0	3.96e-04	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-8.99e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
3908	5	0.0	0.0	3.96e-04	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-8.99e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
3909	1	54.33	59.84	3.10e-03	0.0	0.0	-1056.94	-0.52	1.87	22.68	-74.51	54.33
		17.18	-74.51	-9.71e-03	0.0	72.0	-1053.61	-0.52	1.87	22.68	59.84	17.18
3909	2	43.92	48.15	2.51e-03	0.0	0.0	-858.68	-0.42	1.50	18.36	-59.95	43.92
		13.89	-59.95	-7.88e-03	0.0	72.0	-856.12	-0.42	1.50	18.36	48.15	13.89
3909	3	40.85	45.14	2.33e-03	0.0	0.0	-792.74	-0.39	1.41	17.04	-56.21	40.85
		12.92	-56.21	-7.29e-03	0.0	72.0	-790.18	-0.39	1.41	17.04	45.14	12.92
3909	4	34.75	39.14	1.97e-03	0.0	0.0	-660.88	-0.33	1.22	14.45	-48.72	34.75
		10.99	-48.72	-6.10e-03	0.0	72.0	-658.32	-0.33	1.22	14.45	39.14	10.99
3909	5	34.75	39.14	1.97e-03	0.0	0.0	-660.88	-0.33	1.22	14.45	-48.72	34.75
		10.99	-48.72	-6.10e-03	0.0	72.0	-658.32	-0.33	1.22	14.45	39.14	10.99
3910	1	0.0	0.0	5.21e-03	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-6.75e-03	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
3910	2	0.0	0.0	4.21e-03	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-5.49e-03	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0



3910	3	0.0	0.0	3.92e-03	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-5.06e-03	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
3910	4	0.0	0.0	3.32e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-4.21e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
3910	5	0.0	0.0	3.32e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-4.21e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
3911	1	87.27	31.18	7.25e-03	0.0	0.0	-1057.64	-0.93	0.90	0.55	-33.47	87.27
		19.99	-33.47	-5.49e-03	0.0	72.0	-1054.31	-0.93	0.90	0.55	31.18	19.99
3911	2	70.58	25.24	5.86e-03	0.0	0.0	-859.24	-0.76	0.73	0.45	-27.10	70.58
		16.17	-27.10	-4.45e-03	0.0	72.0	-856.68	-0.76	0.73	0.45	25.24	16.17
3911	3	65.61	23.44	5.45e-03	0.0	0.0	-793.27	-0.70	0.67	0.42	-25.16	65.61
		15.03	-25.16	-4.12e-03	0.0	72.0	-790.71	-0.70	0.67	0.42	23.44	15.03
3911	4	55.73	19.82	4.61e-03	0.0	0.0	-661.34	-0.60	0.57	0.36	-21.26	55.73
		12.78	-21.26	-3.46e-03	0.0	72.0	-658.78	-0.60	0.57	0.36	19.82	12.78
3911	5	55.73	19.82	4.61e-03	0.0	0.0	-661.34	-0.60	0.57	0.36	-21.26	55.73
		12.78	-21.26	-3.46e-03	0.0	72.0	-658.78	-0.60	0.57	0.36	19.82	12.78
3912	1	0.0	0.0	9.80e-03	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.72e-03	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
3912	2	0.0	0.0	7.93e-03	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.02e-03	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
3912	3	0.0	0.0	7.37e-03	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.79e-03	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
3912	4	0.0	0.0	6.25e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.34e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
3912	5	0.0	0.0	6.25e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.34e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
3913	1	56.35	18.49	3.18e-03	0.0	0.0	-1057.87	-0.54	-0.39	-23.29	18.49	56.35
		17.82	-9.47	-3.26e-03	0.0	72.0	-1054.54	-0.54	-0.39	-23.29	-9.47	17.82
3913	2	45.57	14.66	2.57e-03	0.0	0.0	-859.43	-0.43	-0.31	-18.85	14.66	45.57
		14.41	-7.40	-2.63e-03	0.0	72.0	-856.87	-0.43	-0.31	-18.85	-7.40	14.41
3913	3	42.38	14.09	2.38e-03	0.0	0.0	-793.44	-0.40	-0.30	-17.53	14.09	42.38
		13.40	-7.27	-2.45e-03	0.0	72.0	-790.88	-0.40	-0.30	-17.53	-7.27	13.40
3913	4	36.02	12.80	2.02e-03	0.0	0.0	-661.47	-0.34	-0.27	-14.85	12.80	36.02
		11.40	-6.93	-2.08e-03	0.0	72.0	-658.91	-0.34	-0.27	-14.85	-6.93	11.40
3913	5	36.02	12.80	2.02e-03	0.0	0.0	-661.47	-0.34	-0.27	-14.85	12.80	36.02
		11.40	-6.93	-2.08e-03	0.0	72.0	-658.91	-0.34	-0.27	-14.85	-6.93	11.40
3914	1	0.0	0.0	5.37e-03	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.73e-03	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
3914	2	0.0	0.0	4.34e-03	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.20e-03	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
3914	3	0.0	0.0	4.03e-03	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.06e-03	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
3914	4	0.0	0.0	3.42e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.77e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
3914	5	0.0	0.0	3.42e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.77e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
3915	1	25.02	2.63	-1.05e-03	0.0	0.0	-1057.73	-0.13	-0.02	0.56	2.63	25.02
		15.61	1.40	-1.13e-03	0.0	72.0	-1054.40	-0.13	-0.02	0.56	1.40	15.61
3915	2	20.21	2.05	-8.54e-04	0.0	0.0	-859.31	-0.11	-0.01	0.45	2.05	20.21
		12.63	1.19	-9.14e-04	0.0	72.0	-856.75	-0.11	-0.01	0.45	1.19	12.63
3915	3	18.82	2.07	-7.95e-04	0.0	0.0	-793.33	-0.10	-0.02	0.45	2.07	18.82
		11.75	0.98	-8.47e-04	0.0	72.0	-790.77	-0.10	-0.02	0.45	0.98	11.75
3915	4	16.07	2.25	-6.66e-04	0.0	0.0	-661.36	-0.08	-0.02	0.44	2.25	16.07
		9.98	0.45	-7.23e-04	0.0	72.0	-658.80	-0.08	-0.02	0.44	0.45	9.98
3915	5	16.07	2.25	-6.66e-04	0.0	0.0	-661.36	-0.08	-0.02	0.44	2.25	16.07
		9.98	0.45	-7.23e-04	0.0	72.0	-658.80	-0.08	-0.02	0.44	0.45	9.98
3916	1	0.0	0.0	9.30e-04	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-7.80e-04	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
3916	2	0.0	0.0	7.47e-04	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-6.31e-04	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
3916	3	0.0	0.0	6.94e-04	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-5.86e-04	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
3916	4	0.0	0.0	6.03e-04	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-5.09e-04	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
3916	5	0.0	0.0	6.03e-04	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-5.09e-04	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
3917	1	56.01	47.20	3.50e-03	0.0	0.0	-1058.25	-0.53	1.49	23.72	-59.91	56.01
		17.88	-59.91	5.43e-04	0.0	72.0	-1054.92	-0.53	1.49	23.72	47.20	17.88
3917	2	45.29	37.95	2.83e-03	0.0	0.0	-859.73	-0.43	1.20	19.20	-48.19	45.29
		14.46	-48.19	4.33e-04	0.0	72.0	-857.17	-0.43	1.20	19.20	37.95	14.46
3917	3	42.12	35.73	2.63e-03	0.0	0.0	-793.73	-0.40	1.13	17.83	-45.36	42.12
		13.44	-45.36	4.14e-04	0.0	72.0	-791.17	-0.40	1.13	17.83	35.73	13.44
3917	4	35.81	31.11	2.24e-03	0.0	0.0	-661.71	-0.34	0.98	15.06	-39.48	35.81
		11.42	-39.48	3.70e-04	0.0	72.0	-659.15	-0.34	0.98	15.06	31.11	11.42
3917	5	35.81	31.11	2.24e-03	0.0	0.0	-661.71	-0.34	0.98	15.06	-39.48	35.81
		11.42	-39.48	3.70e-04	0.0	72.0	-659.15	-0.34	0.98	15.06	31.11	11.42
3918	1	0.0	0.0	5.63e-03	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0

		0.0	0.0	1.47e-03	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
3918	2	0.0	0.0	4.55e-03	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	1.18e-03	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
3918	3	0.0	0.0	4.23e-03	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	1.12e-03	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
3918	4	0.0	0.0	3.60e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	9.81e-04	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
3918	5	0.0	0.0	3.60e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	9.81e-04	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
3919	1	85.86	9.78	8.17e-03	0.0	0.0	-1058.70	-0.92	0.28	1.95	-10.57	85.86
		19.89	-10.57	4.35e-05	0.0	72.0	-1055.38	-0.92	0.28	1.95	9.78	19.89
3919	2	69.45	7.89	6.61e-03	0.0	0.0	-860.10	-0.74	0.23	1.57	-8.53	69.45
		16.08	-8.53	3.47e-05	0.0	72.0	-857.54	-0.74	0.23	1.57	7.89	16.08
3919	3	64.57	7.27	6.14e-03	0.0	0.0	-794.07	-0.69	0.21	1.47	-7.84	64.57
		14.95	-7.84	3.23e-05	0.0	72.0	-791.51	-0.69	0.21	1.47	7.27	14.95
3919	4	54.79	6.28	5.21e-03	0.0	0.0	-662.01	-0.58	0.18	1.26	-6.77	54.79
		12.70	-6.77	2.98e-05	0.0	72.0	-659.45	-0.58	0.18	1.26	6.28	12.70
3919	5	54.79	6.28	5.21e-03	0.0	0.0	-662.01	-0.58	0.18	1.26	-6.77	54.79
		12.70	-6.77	2.98e-05	0.0	72.0	-659.45	-0.58	0.18	1.26	6.28	12.70
3920	1	0.0	0.0	0.01	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	2.72e-04	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
3920	2	0.0	0.0	8.51e-03	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	2.19e-04	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
3920	3	0.0	0.0	7.91e-03	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	2.04e-04	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
3920	4	0.0	0.0	6.71e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	1.82e-04	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
3920	5	0.0	0.0	6.71e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	1.82e-04	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
3921	1	55.06	40.60	4.96e-03	0.0	0.0	-1058.58	-0.52	-1.01	-20.40	40.60	55.06
		17.52	-31.81	-1.18e-03	0.0	72.0	-1055.25	-0.52	-1.01	-20.40	-31.81	17.52
3921	2	44.52	32.57	4.01e-03	0.0	0.0	-860.00	-0.42	-0.81	-16.51	32.57	44.52
		14.16	-25.51	-9.49e-04	0.0	72.0	-857.44	-0.42	-0.81	-16.51	-25.51	14.16
3921	3	41.38	30.70	3.72e-03	0.0	0.0	-793.98	-0.39	-0.76	-15.39	30.70	41.38
		13.17	-24.04	-8.86e-04	0.0	72.0	-791.42	-0.39	-0.76	-15.39	-24.04	13.17
3921	4	35.14	26.82	3.15e-03	0.0	0.0	-661.92	-0.33	-0.66	-13.06	26.82	35.14
		11.19	-21.03	-7.63e-04	0.0	72.0	-659.36	-0.33	-0.66	-13.06	-21.03	11.19
3921	5	35.14	26.82	3.15e-03	0.0	0.0	-661.92	-0.33	-0.66	-13.06	26.82	35.14
		11.19	-21.03	-7.63e-04	0.0	72.0	-659.36	-0.33	-0.66	-13.06	-21.03	11.19
3922	1	0.0	0.0	6.80e-03	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.66e-03	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
3922	2	0.0	0.0	5.49e-03	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.34e-03	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
3922	3	0.0	0.0	5.10e-03	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.25e-03	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
3922	4	0.0	0.0	4.33e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.09e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
3922	5	0.0	0.0	4.33e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.09e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
3923	1	25.04	26.60	1.79e-03	0.0	0.0	-1057.76	-0.12	-0.67	2.18	26.60	25.04
		16.13	-21.38	-9.08e-04	0.0	72.0	-1054.43	-0.12	-0.67	2.18	-21.38	16.13
3923	2	20.23	21.48	1.45e-03	0.0	0.0	-859.34	-0.10	-0.54	1.76	21.48	20.23
		13.03	-17.27	-7.35e-04	0.0	72.0	-856.78	-0.10	-0.54	1.76	-17.27	13.03
3923	3	18.77	19.85	1.33e-03	0.0	0.0	-793.36	-0.09	-0.50	1.66	19.85	18.77
		12.12	-15.95	-6.78e-04	0.0	72.0	-790.80	-0.09	-0.50	1.66	-15.95	12.12
3923	4	16.01	16.95	1.14e-03	0.0	0.0	-661.38	-0.08	-0.42	1.44	16.95	16.01
		10.31	-13.60	-5.74e-04	0.0	72.0	-658.82	-0.08	-0.42	1.44	-13.60	10.31
3923	5	16.01	16.95	1.14e-03	0.0	0.0	-661.38	-0.08	-0.42	1.44	16.95	16.01
		10.31	-13.60	-5.74e-04	0.0	72.0	-658.82	-0.08	-0.42	1.44	-13.60	10.31
3924	1	0.0	0.0	3.19e-03	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.23e-03	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
3924	2	0.0	0.0	2.57e-03	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-9.99e-04	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
3924	3	0.0	0.0	2.38e-03	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-9.22e-04	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
3924	4	0.0	0.0	2.03e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-7.81e-04	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
3924	5	0.0	0.0	2.03e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-7.81e-04	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
3925	1	64.81	37.70	7.44e-03	0.0	0.0	-1058.35	-0.62	1.23	28.96	-50.54	64.81
		20.45	-50.54	4.56e-04	0.0	72.0	-1055.03	-0.62	1.23	28.96	37.70	20.45
3925	2	52.39	30.12	6.01e-03	0.0	0.0	-859.82	-0.50	0.98	23.42	-40.45	52.39
		16.53	-40.45	3.63e-04	0.0	72.0	-857.26	-0.50	0.98	23.42	30.12	16.53
3925	3	48.71	28.38	5.59e-03	0.0	0.0	-793.81	-0.46	0.92	21.82	-38.05	48.71
		15.37	-38.05	3.43e-04	0.0	72.0	-791.25	-0.46	0.92	21.82	28.38	15.37
3925	4	41.43	25.14	4.76e-03	0.0	0.0	-661.78	-0.39	0.81	18.55	-33.49	41.43
		13.07	-33.49	3.08e-04	0.0	72.0	-659.22	-0.39	0.81	18.55	25.14	13.07



3925	5	41.43	25.14	4.76e-03	0.0	0.0	-661.78	-0.39	0.81	18.55	-33.49	41.43
		13.07	-33.49	3.08e-04	0.0	72.0	-659.22	-0.39	0.81	18.55	25.14	13.07
3926	1	0.0	0.0	9.32e-03	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	1.11e-03	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
3926	2	0.0	0.0	7.53e-03	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	8.88e-04	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
3926	3	0.0	0.0	7.01e-03	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	8.40e-04	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
3926	4	0.0	0.0	5.96e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	7.54e-04	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
3926	5	0.0	0.0	5.96e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	7.54e-04	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
3927	1	105.52	2.50	0.01	0.0	0.0	-1058.60	-1.09	0.06	0.66	-2.14	105.52
		27.35	-2.14	3.41e-04	0.0	72.0	-1055.27	-1.09	0.06	0.66	2.50	27.35
3927	2	85.32	1.85	0.01	0.0	0.0	-860.02	-0.88	0.05	0.54	-1.56	85.32
		22.11	-1.56	2.84e-04	0.0	72.0	-857.46	-0.88	0.05	0.54	1.85	22.11
3927	3	79.36	1.98	9.63e-03	0.0	0.0	-794.00	-0.82	0.05	0.50	-1.72	79.36
		20.56	-1.72	2.50e-04	0.0	72.0	-791.43	-0.82	0.05	0.50	1.98	20.56
3927	4	67.43	2.24	8.19e-03	0.0	0.0	-661.95	-0.69	0.06	0.41	-2.02	67.43
		17.47	-2.02	1.88e-04	0.0	72.0	-659.39	-0.69	0.06	0.41	2.24	17.47
3927	5	67.43	2.24	8.19e-03	0.0	0.0	-661.95	-0.69	0.06	0.41	-2.02	67.43
		17.47	-2.02	1.88e-04	0.0	72.0	-659.39	-0.69	0.06	0.41	2.24	17.47
3928	1	0.0	0.0	0.02	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	3.69e-04	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
3928	2	0.0	0.0	0.01	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	3.00e-04	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
3928	3	0.0	0.0	0.01	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	2.75e-04	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
3928	4	0.0	0.0	9.85e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	2.29e-04	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
3928	5	0.0	0.0	9.85e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	2.29e-04	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
3929	1	102.89	7.09	0.01	0.0	0.0	-1058.49	-1.05	-0.22	-6.80	7.09	102.89
		27.34	-8.83	5.02e-05	0.0	72.0	-1055.16	-1.05	-0.22	-6.80	-8.83	27.34
3929	2	83.19	5.83	9.38e-03	0.0	0.0	-859.92	-0.85	-0.18	-5.49	5.83	83.19
		22.10	-7.22	6.64e-05	0.0	72.0	-857.36	-0.85	-0.18	-5.49	-7.22	22.10
3929	3	77.37	5.33	8.73e-03	0.0	0.0	-793.91	-0.79	-0.17	-5.12	5.33	77.37
		20.55	-6.65	2.55e-05	0.0	72.0	-791.35	-0.79	-0.17	-5.12	-6.65	20.55
3929	4	65.77	4.25	7.43e-03	0.0	0.0	-661.88	-0.67	-0.13	-4.35	4.25	65.77
		17.47	-5.43	-1.10e-04	0.0	72.0	-659.32	-0.67	-0.13	-4.35	-5.43	17.47
3929	5	65.77	4.25	7.43e-03	0.0	0.0	-661.88	-0.67	-0.13	-4.35	4.25	65.77
		17.47	-5.43	-1.10e-04	0.0	72.0	-659.32	-0.67	-0.13	-4.35	-5.43	17.47
3930	1	277.72	129.33	-0.02	0.0	0.0	-638.36	9.03	-4.18	0.0	129.33	-336.29
		-336.29	-154.85	-2.88e-03	0.0	68.0	-635.21	9.03	-4.18	0.0	-154.85	277.72
3930	2	224.17	104.03	-0.01	0.0	0.0	-516.75	7.29	-3.38	0.0	104.03	-271.39
		-271.39	-125.48	-2.30e-03	0.0	68.0	-514.33	7.29	-3.38	0.0	-125.48	224.17
3930	3	208.85	96.80	-0.01	0.0	0.0	-479.56	6.79	-3.12	0.0	96.80	-252.96
		-252.96	-115.40	-2.27e-03	0.0	68.0	-477.14	6.79	-3.12	0.0	-115.40	208.85
3930	4	178.29	84.10	-0.01	0.0	0.0	-405.32	5.80	-2.67	0.0	84.10	-216.12
		-216.12	-97.62	-1.94e-03	0.0	68.0	-402.91	5.80	-2.67	0.0	-97.62	178.29
3930	5	178.29	84.10	-0.01	0.0	0.0	-405.32	5.80	-2.67	0.0	84.10	-216.12
		-216.12	-97.62	-1.94e-03	0.0	68.0	-402.91	5.80	-2.67	0.0	-97.62	178.29
3931	1	241.55	0.0	6.47e-03	0.0	0.0	-621.86	-3.88	2.15	0.0	-154.85	241.55
		-37.68	-154.85	-0.02	0.0	72.0	-618.53	-3.88	2.15	0.0	0.0	-37.68
3931	2	194.99	0.0	5.23e-03	0.0	0.0	-503.63	-3.13	1.74	0.0	-125.48	194.99
		-30.44	-125.48	-0.02	0.0	72.0	-501.07	-3.13	1.74	0.0	0.0	-30.44
3931	3	181.66	0.0	4.87e-03	0.0	0.0	-467.06	-2.92	1.60	0.0	-115.40	181.66
		-28.33	-115.40	-0.02	0.0	72.0	-464.50	-2.92	1.60	0.0	0.0	-28.33
3931	4	155.06	0.0	4.14e-03	0.0	0.0	-394.03	-2.49	1.36	0.0	-97.62	155.06
		-24.15	-97.62	-0.01	0.0	72.0	-391.47	-2.49	1.36	0.0	0.0	-24.15
3931	5	155.06	0.0	4.14e-03	0.0	0.0	-394.03	-2.49	1.36	0.0	-97.62	155.06
		-24.15	-97.62	-0.01	0.0	72.0	-391.47	-2.49	1.36	0.0	0.0	-24.15
3932	1	135.37	108.99	-7.99e-03	0.0	0.0	-796.04	5.61	-3.21	0.0	108.99	-245.99
		-245.99	-109.04	-3.90e-03	0.0	68.0	-792.90	5.61	-3.21	0.0	-109.04	135.37
3932	2	109.16	87.57	-6.45e-03	0.0	0.0	-645.53	4.52	-2.59	0.0	87.57	-198.47
		-198.47	-88.38	-3.13e-03	0.0	68.0	-643.11	4.52	-2.59	0.0	-88.38	109.16
3932	3	101.90	81.53	-6.02e-03	0.0	0.0	-597.57	4.22	-2.39	0.0	81.53	-185.13
		-185.13	-81.00	-3.03e-03	0.0	68.0	-595.15	4.22	-2.39	0.0	-81.00	101.90
3932	4	87.34	71.23	-5.16e-03	0.0	0.0	-501.79	3.61	-2.06	0.0	71.23	-158.43
		-158.43	-68.63	-2.59e-03	0.0	68.0	-499.37	3.61	-2.06	0.0	-68.63	87.34
3932	5	87.34	71.23	-5.16e-03	0.0	0.0	-501.79	3.61	-2.06	0.0	71.23	-158.43
		-158.43	-68.63	-2.59e-03	0.0	68.0	-499.37	3.61	-2.06	0.0	-68.63	87.34
3933	1	92.13	0.0	-1.74e-03	0.0	0.0	-769.31	-1.17	1.51	0.0	-109.04	92.13
		7.89	-109.04	-0.02	0.0	72.0	-765.98	-1.17	1.51	0.0	0.0	7.89
3933	2	74.28	0.0	-1.40e-03	0.0	0.0	-624.14	-0.94	1.23	0.0	-88.38	74.28
		6.39	-88.38	-0.01	0.0	72.0	-621.58	-0.94	1.23	0.0	0.0	6.39
3933	3	69.34	0.0	-1.31e-03	0.0	0.0	-577.38	-0.88	1.12	0.0	-81.00	69.34

		5.93	-81.00	-0.01	0.0	72.0	-574.82	-0.88	1.12	0.0	0.0	5.93
3933	4	59.47	0.0	-1.12e-03	0.0	0.0	-483.97	-0.76	0.95	0.0	-68.63	59.47
		4.99	-68.63	-9.83e-03	0.0	72.0	-481.41	-0.76	0.95	0.0	0.0	4.99
3933	5	59.47	0.0	-1.12e-03	0.0	0.0	-483.97	-0.76	0.95	0.0	-68.63	59.47
		4.99	-68.63	-9.83e-03	0.0	72.0	-481.41	-0.76	0.95	0.0	0.0	4.99
3934	1	157.88	77.55	-9.21e-03	0.0	0.0	-870.36	6.47	-1.77	0.0	77.55	-281.85
		-281.85	-43.02	-5.69e-03	0.0	68.0	-867.22	6.47	-1.77	0.0	-43.02	157.88
3934	2	127.38	62.16	-7.43e-03	0.0	0.0	-705.90	5.22	-1.43	0.0	62.16	-227.53
		-227.53	-34.97	-4.58e-03	0.0	68.0	-703.48	5.22	-1.43	0.0	-34.97	127.38
3934	3	118.80	57.90	-6.93e-03	0.0	0.0	-653.42	4.86	-1.31	0.0	57.90	-211.87
		-211.87	-31.40	-4.38e-03	0.0	68.0	-651.00	4.86	-1.31	0.0	-31.40	118.80
3934	4	101.80	51.23	-5.95e-03	0.0	0.0	-548.05	4.16	-1.15	0.0	51.23	-181.19
		-181.19	-26.65	-3.74e-03	0.0	68.0	-545.63	4.16	-1.15	0.0	-26.65	101.80
3934	5	101.80	51.23	-5.95e-03	0.0	0.0	-548.05	4.16	-1.15	0.0	51.23	-181.19
		-181.19	-26.65	-3.74e-03	0.0	68.0	-545.63	4.16	-1.15	0.0	-26.65	101.80
3935	1	103.72	0.0	-1.96e-03	0.0	0.0	-842.17	-1.31	0.60	0.0	-43.02	103.72
		9.24	-43.02	-9.37e-03	0.0	72.0	-838.84	-1.31	0.60	0.0	0.0	9.24
3935	2	83.65	0.0	-1.59e-03	0.0	0.0	-683.33	-1.06	0.49	0.0	-34.97	83.65
		7.52	-34.97	-7.59e-03	0.0	72.0	-680.77	-1.06	0.49	0.0	0.0	7.52
3935	3	78.07	0.0	-1.48e-03	0.0	0.0	-632.13	-0.99	0.44	0.0	-31.40	78.07
		6.92	-31.40	-7.04e-03	0.0	72.0	-629.57	-0.99	0.44	0.0	0.0	6.92
3935	4	66.96	0.0	-1.26e-03	0.0	0.0	-529.32	-0.85	0.37	0.0	-26.65	66.96
		5.78	-26.65	-5.92e-03	0.0	72.0	-526.76	-0.85	0.37	0.0	0.0	5.78
3935	5	66.96	0.0	-1.26e-03	0.0	0.0	-529.32	-0.85	0.37	0.0	-26.65	66.96
		5.78	-26.65	-5.92e-03	0.0	72.0	-526.76	-0.85	0.37	0.0	0.0	5.78
3936	1	373.05	57.53	-0.02	0.0	0.0	-1001.31	11.81	-0.80	0.0	57.53	-430.36
		-430.36	2.93	-6.69e-03	0.0	68.0	-998.16	11.81	-0.80	0.0	2.93	373.05
3936	2	301.52	45.99	-0.02	0.0	0.0	-811.34	9.55	-0.64	0.0	45.99	-347.80
		-347.80	2.20	-5.38e-03	0.0	68.0	-808.92	9.55	-0.64	0.0	2.20	301.52
3936	3	280.44	42.88	-0.01	0.0	0.0	-751.91	8.88	-0.59	0.0	42.88	-323.59
		-323.59	3.10	-5.13e-03	0.0	68.0	-749.49	8.88	-0.59	0.0	3.10	280.44
3936	4	238.51	38.53	-0.01	0.0	0.0	-633.23	7.56	-0.53	0.0	38.53	-275.35
		-275.35	2.51	-4.38e-03	0.0	68.0	-630.81	7.56	-0.53	0.0	2.51	238.51
3936	5	238.51	38.53	-0.01	0.0	0.0	-633.23	7.56	-0.53	0.0	38.53	-275.35
		-275.35	2.51	-4.38e-03	0.0	68.0	-630.81	7.56	-0.53	0.0	2.51	238.51
3937	1	282.63	2.93	8.09e-03	0.0	0.0	-971.87	-4.68	-0.04	0.0	2.93	282.63
		-54.15	0.0	-4.75e-03	0.0	72.0	-968.54	-4.68	-0.04	0.0	0.0	-54.15
3937	2	228.46	2.20	6.54e-03	0.0	0.0	-787.76	-3.78	-0.03	0.0	2.20	228.46
		-43.79	0.0	-3.85e-03	0.0	72.0	-785.20	-3.78	-0.03	0.0	0.0	-43.79
3937	3	212.47	3.10	6.08e-03	0.0	0.0	-729.68	-3.52	-0.04	0.0	3.10	212.47
		-40.70	0.0	-3.57e-03	0.0	72.0	-727.12	-3.52	-0.04	0.0	0.0	-40.70
3937	4	180.68	2.51	5.15e-03	0.0	0.0	-613.69	-2.99	-0.03	0.0	2.51	180.68
		-34.55	0.0	-3.00e-03	0.0	72.0	-611.13	-2.99	-0.03	0.0	0.0	-34.55
3937	5	180.68	2.51	5.15e-03	0.0	0.0	-613.69	-2.99	-0.03	0.0	2.51	180.68
		-34.55	0.0	-3.00e-03	0.0	72.0	-611.13	-2.99	-0.03	0.0	0.0	-34.55
3938	1	379.66	67.58	-0.02	0.0	0.0	-992.27	12.09	-0.71	0.0	67.58	-442.18
		-442.18	19.23	-4.13e-03	0.0	68.0	-989.13	12.09	-0.71	0.0	19.23	379.66
3938	2	306.98	54.18	-0.02	0.0	0.0	-804.14	9.77	-0.57	0.0	54.18	-357.46
		-357.46	15.32	-3.29e-03	0.0	68.0	-801.72	9.77	-0.57	0.0	15.32	306.98
3938	3	285.49	50.35	-0.01	0.0	0.0	-745.27	9.09	-0.51	0.0	50.35	-332.52
		-332.52	15.43	-3.21e-03	0.0	68.0	-742.86	9.09	-0.51	0.0	15.43	285.49
3938	4	242.67	44.73	-0.01	0.0	0.0	-627.38	7.73	-0.46	0.0	44.73	-282.81
		-282.81	13.12	-2.78e-03	0.0	68.0	-624.96	7.73	-0.46	0.0	13.12	242.67
3938	5	242.67	44.73	-0.01	0.0	0.0	-627.38	7.73	-0.46	0.0	44.73	-282.81
		-282.81	13.12	-2.78e-03	0.0	68.0	-624.96	7.73	-0.46	0.0	13.12	242.67
3939	1	287.40	19.23	8.83e-03	0.0	0.0	-963.61	-4.75	-0.27	0.0	19.23	287.40
		-54.45	0.0	5.50e-04	0.0	72.0	-960.28	-4.75	-0.27	0.0	0.0	-54.45
3939	2	232.39	15.32	7.14e-03	0.0	0.0	-781.19	-3.84	-0.21	0.0	15.32	232.39
		-44.05	0.0	4.43e-04	0.0	72.0	-778.63	-3.84	-0.21	0.0	0.0	-44.05
3939	3	216.10	15.43	6.63e-03	0.0	0.0	-723.62	-3.57	-0.21	0.0	15.43	216.10
		-40.93	0.0	4.16e-04	0.0	72.0	-721.06	-3.57	-0.21	0.0	0.0	-40.93
3939	4	183.63	13.12	5.63e-03	0.0	0.0	-608.32	-3.03	-0.18	0.0	13.12	183.63
		-34.69	0.0	3.62e-04	0.0	72.0	-605.76	-3.03	-0.18	0.0	0.0	-34.69
3939	5	183.63	13.12	5.63e-03	0.0	0.0	-608.32	-3.03	-0.18	0.0	13.12	183.63
		-34.69	0.0	3.62e-04	0.0	72.0	-605.76	-3.03	-0.18	0.0	0.0	-34.69
3940	1	373.19	82.32	-0.02	0.0	0.0	-996.91	11.87	-1.18	0.0	82.32	-434.25
		-434.25	2.36	-2.63e-03	0.0	68.0	-993.77	11.87	-1.18	0.0	2.36	373.19
3940	2	301.71	66.09	-0.01	0.0	0.0	-807.85	9.60	-0.95	0.0	66.09	-351.01
		-351.01	1.67	-2.08e-03	0.0	68.0	-805.43	9.60	-0.95	0.0	1.67	301.71
3940	3	280.67	61.40	-0.01	0.0	0.0	-748.62	8.93	-0.86	0.0	61.40	-326.61
		-326.61	2.77	-2.08e-03	0.0	68.0	-746.20	8.93	-0.86	0.0	2.77	280.67
3940	4	238.38	54.11	-0.01	0.0	0.0	-630.25	7.59	-0.76	0.0	54.11	-277.61
		-277.61	2.40	-1.83e-03	0.0	68.0	-627.84	7.59	-0.76	0.0	2.40	238.38
3940	5	238.38	54.11	-0.01	0.0	0.0	-630.25	7.59	-0.76	0.0	54.11	-277.61
		-277.61	2.40	-1.83e-03	0.0	68.0	-627.84	7.59	-0.76	0.0	2.40	238.38
3941	1	283.06	2.36	9.56e-03	0.0	0.0	-968.25	-4.68	-0.03	0.0	2.36	283.06
		-53.95	0.0	3.11e-04	0.0	72.0	-964.92	-4.68	-0.03	0.0	0.0	-53.95



3941	2	228.85	1.67	7.73e-03	0.0	0.0	-784.90	-3.78	-0.02	0.0	1.67	228.85
		-43.63	0.0	2.50e-04	0.0	72.0	-782.34	-3.78	-0.02	0.0	0.0	-43.63
3941	3	212.92	2.77	7.19e-03	0.0	0.0	-726.97	-3.52	-0.04	0.0	2.77	212.92
		-40.61	0.0	2.35e-04	0.0	72.0	-724.41	-3.52	-0.04	0.0	0.0	-40.61
3941	4	180.86	2.40	6.10e-03	0.0	0.0	-611.20	-2.99	-0.03	0.0	2.40	180.86
		-34.47	0.0	2.05e-04	0.0	72.0	-608.64	-2.99	-0.03	0.0	0.0	-34.47
3941	5	180.86	2.40	6.10e-03	0.0	0.0	-611.20	-2.99	-0.03	0.0	2.40	180.86
		-34.47	0.0	2.05e-04	0.0	72.0	-608.64	-2.99	-0.03	0.0	0.0	-34.47
3942	1	45.76	5.82	-0.01	0.0	0.0	-1334.67	0.98	-0.34	0.0	5.82	-40.28
		-40.28	-23.77	1.33e-03	0.0	88.0	-1330.60	0.98	-0.34	0.0	-23.77	45.76
3942	2	36.92	4.46	-0.01	0.0	0.0	-1078.97	0.79	-0.27	0.0	4.46	-32.61
		-32.61	-19.05	1.02e-03	0.0	88.0	-1075.84	0.79	-0.27	0.0	-19.05	36.92
3942	3	34.42	4.49	-0.01	0.0	0.0	-1003.39	0.73	-0.25	0.0	4.49	-30.23
		-30.23	-17.92	1.03e-03	0.0	88.0	-1000.26	0.73	-0.25	0.0	-17.92	34.42
3942	4	29.45	4.46	-9.22e-03	0.0	0.0	-852.29	0.62	-0.23	0.0	4.46	-25.52
		-25.52	-15.72	1.01e-03	0.0	88.0	-849.16	0.62	-0.23	0.0	-15.72	29.45
3942	5	29.45	4.46	-9.22e-03	0.0	0.0	-852.29	0.62	-0.23	0.0	4.46	-25.52
		-25.52	-15.72	1.01e-03	0.0	88.0	-849.16	0.62	-0.23	0.0	-15.72	29.45
3943	1	168.10	96.74	-7.52e-03	0.0	0.0	-945.17	6.89	-1.61	0.0	96.74	-300.64
		-300.64	-12.85	-1.57e-03	0.0	68.0	-942.03	6.89	-1.61	0.0	-12.85	168.10
3943	2	135.71	77.75	-6.07e-03	0.0	0.0	-766.36	5.57	-1.30	0.0	77.75	-242.80
		-242.80	-10.66	-1.24e-03	0.0	68.0	-763.94	5.57	-1.30	0.0	-10.66	135.71
3943	3	126.25	72.20	-5.65e-03	0.0	0.0	-709.58	5.18	-1.19	0.0	72.20	-226.02
		-226.02	-8.63	-1.25e-03	0.0	68.0	-707.17	5.18	-1.19	0.0	-8.63	126.25
3943	4	107.87	63.26	-4.84e-03	0.0	0.0	-596.05	4.42	-1.04	0.0	63.26	-192.86
		-192.86	-7.19	-1.13e-03	0.0	68.0	-593.63	4.42	-1.04	0.0	-7.19	107.87
3943	5	107.87	63.26	-4.84e-03	0.0	0.0	-596.05	4.42	-1.04	0.0	63.26	-192.86
		-192.86	-7.19	-1.13e-03	0.0	68.0	-593.63	4.42	-1.04	0.0	-7.19	107.87
3944	1	112.74	0.0	1.53e-03	0.0	0.0	-917.13	-1.45	0.18	0.0	-12.85	112.74
		8.28	-12.85	3.05e-04	0.0	72.0	-913.80	-1.45	0.18	0.0	0.0	8.28
3944	2	91.00	0.0	1.23e-03	0.0	0.0	-743.91	-1.17	0.15	0.0	-10.66	91.00
		6.72	-10.66	2.48e-04	0.0	72.0	-741.35	-1.17	0.15	0.0	0.0	6.72
3944	3	84.62	0.0	1.13e-03	0.0	0.0	-688.40	-1.09	0.12	0.0	-8.63	84.62
		6.29	-8.63	2.17e-04	0.0	72.0	-685.84	-1.09	0.12	0.0	0.0	6.29
3944	4	72.32	0.0	9.62e-04	0.0	0.0	-577.40	-0.93	0.10	0.0	-7.19	72.32
		5.28	-7.19	1.87e-04	0.0	72.0	-574.84	-0.93	0.10	0.0	0.0	5.28
3944	5	72.32	0.0	9.62e-04	0.0	0.0	-577.40	-0.93	0.10	0.0	-7.19	72.32
		5.28	-7.19	1.87e-04	0.0	72.0	-574.84	-0.93	0.10	0.0	0.0	5.28
3945	1	177.37	109.59	-7.25e-03	0.0	0.0	-884.75	7.29	-1.96	0.0	109.59	-318.16
		-318.16	-23.70	-1.00e-03	0.0	68.0	-881.60	7.29	-1.96	0.0	-23.70	177.37
3945	2	143.17	88.13	-5.85e-03	0.0	0.0	-717.74	5.88	-1.58	0.0	88.13	-256.91
		-256.91	-19.46	-7.85e-04	0.0	68.0	-715.32	5.88	-1.58	0.0	-19.46	143.17
3945	3	133.26	81.79	-5.45e-03	0.0	0.0	-663.96	5.48	-1.45	0.0	81.79	-239.37
		-239.37	-16.72	-8.05e-04	0.0	68.0	-661.55	5.48	-1.45	0.0	-16.72	133.26
3945	4	113.91	71.38	-4.66e-03	0.0	0.0	-556.60	4.68	-1.25	0.0	71.38	-204.33
		-204.33	-13.95	-7.41e-04	0.0	68.0	-554.18	4.68	-1.25	0.0	-13.95	113.91
3945	5	113.91	71.38	-4.66e-03	0.0	0.0	-556.60	4.68	-1.25	0.0	71.38	-204.33
		-204.33	-13.95	-7.41e-04	0.0	68.0	-554.18	4.68	-1.25	0.0	-13.95	113.91
3946	1	116.88	0.0	2.28e-03	0.0	0.0	-857.29	-1.46	0.33	0.0	-23.70	116.88
		11.96	-23.70	6.57e-04	0.0	72.0	-853.96	-1.46	0.33	0.0	0.0	11.96
3946	2	94.33	0.0	1.83e-03	0.0	0.0	-695.76	-1.18	0.27	0.0	-19.46	94.33
		9.70	-19.46	5.31e-04	0.0	72.0	-693.20	-1.18	0.27	0.0	0.0	9.70
3946	3	87.79	0.0	1.70e-03	0.0	0.0	-643.23	-1.09	0.23	0.0	-16.72	87.79
		9.03	-16.72	4.85e-04	0.0	72.0	-640.67	-1.09	0.23	0.0	0.0	9.03
3946	4	75.08	0.0	1.45e-03	0.0	0.0	-538.34	-0.94	0.19	0.0	-13.95	75.08
		7.59	-13.95	4.18e-04	0.0	72.0	-535.78	-0.94	0.19	0.0	0.0	7.59
3946	5	75.08	0.0	1.45e-03	0.0	0.0	-538.34	-0.94	0.19	0.0	-13.95	75.08
		7.59	-13.95	4.18e-04	0.0	72.0	-535.78	-0.94	0.19	0.0	0.0	7.59
3947	1	426.01	199.57	-0.02	0.0	0.0	-1007.19	13.34	-4.96	0.0	199.57	-480.78
		-480.78	-137.42	7.66e-03	0.0	68.0	-1004.05	13.34	-4.96	0.0	-137.42	426.01
3947	2	344.30	160.50	-0.02	0.0	0.0	-816.04	10.78	-3.99	0.0	160.50	-388.50
		-388.50	-110.84	6.23e-03	0.0	68.0	-813.62	10.78	-3.99	0.0	-110.84	344.30
3947	3	320.33	149.45	-0.02	0.0	0.0	-756.34	10.03	-3.70	0.0	149.45	-361.53
		-361.53	-102.36	5.64e-03	0.0	68.0	-753.92	10.03	-3.70	0.0	-102.36	320.33
3947	4	272.72	129.97	-0.01	0.0	0.0	-637.09	8.54	-3.21	0.0	129.97	-307.82
		-307.82	-88.33	4.75e-03	0.0	68.0	-634.67	8.54	-3.21	0.0	-88.33	272.72
3947	5	272.72	129.97	-0.01	0.0	0.0	-637.09	8.54	-3.21	0.0	129.97	-307.82
		-307.82	-88.33	4.75e-03	0.0	68.0	-634.67	8.54	-3.21	0.0	-88.33	272.72
3948	1	320.32	0.0	0.01	0.0	0.0	-978.75	-5.26	1.91	0.0	-137.42	320.32
		-58.63	-137.42	-4.16e-03	0.0	72.0	-975.42	-5.26	1.91	0.0	0.0	-58.63
3948	2	258.88	0.0	9.36e-03	0.0	0.0	-793.27	-4.25	1.54	0.0	-110.84	258.88
		-47.39	-110.84	-3.32e-03	0.0	72.0	-790.71	-4.25	1.54	0.0	0.0	-47.39
3948	3	240.88	0.0	8.71e-03	0.0	0.0	-734.86	-3.96	1.42	0.0	-102.36	240.88
		-44.10	-102.36	-3.15e-03	0.0	72.0	-732.30	-3.96	1.42	0.0	0.0	-44.10
3948	4	205.08	0.0	7.41e-03	0.0	0.0	-618.19	-3.37	1.23	0.0	-88.33	205.08
		-37.55	-88.33	-2.80e-03	0.0	72.0	-615.63	-3.37	1.23	0.0	0.0	-37.55
3948	5	205.08	0.0	7.41e-03	0.0	0.0	-618.19	-3.37	1.23	0.0	-88.33	205.08

		-37.55	-88.33	-2.80e-03	0.0	72.0	-615.63	-3.37	1.23	0.0	0.0	-37.55
3949	1	165.96	236.50	-8.84e-03	0.0	0.0	-1031.15	6.75	-6.21	0.0	236.50	-293.34
		-293.34	-185.72	0.01	0.0	68.0	-1028.01	6.75	-6.21	0.0	-185.72	165.96
3949	2	133.86	190.13	-7.13e-03	0.0	0.0	-835.39	5.45	-4.99	0.0	190.13	-236.75
		-236.75	-149.52	8.57e-03	0.0	68.0	-832.97	5.45	-4.99	0.0	-149.52	133.86
3949	3	124.85	177.29	-6.66e-03	0.0	0.0	-774.44	5.08	-4.65	0.0	177.29	-220.68
		-220.68	-138.83	7.83e-03	0.0	68.0	-772.02	5.08	-4.65	0.0	-138.83	124.85
3949	4	106.89	154.28	-5.71e-03	0.0	0.0	-652.63	4.35	-4.04	0.0	154.28	-188.60
		-188.60	-120.38	6.65e-03	0.0	68.0	-650.21	4.35	-4.04	0.0	-120.38	106.89
3949	5	106.89	154.28	-5.71e-03	0.0	0.0	-652.63	4.35	-4.04	0.0	154.28	-188.60
		-188.60	-120.38	6.65e-03	0.0	68.0	-650.21	4.35	-4.04	0.0	-120.38	106.89
3950	1	108.17	0.0	-1.59e-03	0.0	0.0	-1002.31	-1.34	2.58	0.0	-185.72	108.17
		11.88	-185.72	-6.51e-03	0.0	72.0	-998.98	-1.34	2.58	0.0	0.0	11.88
3950	2	87.23	0.0	-1.28e-03	0.0	0.0	-812.30	-1.08	2.08	0.0	-149.52	87.23
		9.65	-149.52	-5.19e-03	0.0	72.0	-809.74	-1.08	2.08	0.0	0.0	9.65
3950	3	81.33	0.0	-1.20e-03	0.0	0.0	-752.66	-1.00	1.93	0.0	-138.83	81.33
		8.98	-138.83	-4.93e-03	0.0	72.0	-750.10	-1.00	1.93	0.0	0.0	8.98
3950	4	69.67	0.0	-1.02e-03	0.0	0.0	-633.47	-0.86	1.67	0.0	-120.38	69.67
		7.56	-120.38	-4.40e-03	0.0	72.0	-630.91	-0.86	1.67	0.0	0.0	7.56
3950	5	69.67	0.0	-1.02e-03	0.0	0.0	-633.47	-0.86	1.67	0.0	-120.38	69.67
		7.56	-120.38	-4.40e-03	0.0	72.0	-630.91	-0.86	1.67	0.0	0.0	7.56
3951	1	147.98	266.03	-8.93e-03	0.0	0.0	-1011.28	5.88	-7.13	0.0	266.03	-251.55
		-251.55	-218.64	0.01	0.0	68.0	-1008.14	5.88	-7.13	0.0	-218.64	147.98
3951	2	119.38	213.78	-7.20e-03	0.0	0.0	-819.00	4.74	-5.73	0.0	213.78	-203.03
		-203.03	-175.77	0.01	0.0	68.0	-816.58	4.74	-5.73	0.0	-175.77	119.38
3951	3	111.33	199.57	-6.72e-03	0.0	0.0	-759.75	4.42	-5.34	0.0	199.57	-189.27
		-189.27	-163.75	9.55e-03	0.0	68.0	-757.33	4.42	-5.34	0.0	-163.75	111.33
3951	4	95.25	173.88	-5.75e-03	0.0	0.0	-640.89	3.78	-4.65	0.0	173.88	-161.68
		-161.68	-142.61	8.15e-03	0.0	68.0	-638.47	3.78	-4.65	0.0	-142.61	95.25
3951	5	95.25	173.88	-5.75e-03	0.0	0.0	-640.89	3.78	-4.65	0.0	173.88	-161.68
		-161.68	-142.61	8.15e-03	0.0	68.0	-638.47	3.78	-4.65	0.0	-142.61	95.25
3952	1	99.52	0.0	-1.78e-03	0.0	0.0	-983.62	-1.40	3.04	0.0	-218.64	99.52
		-1.37	-218.64	-7.65e-03	0.0	72.0	-980.30	-1.40	3.04	0.0	0.0	-1.37
3952	2	80.27	0.0	-1.44e-03	0.0	0.0	-796.87	-1.13	2.44	0.0	-175.77	80.27
		-1.07	-175.77	-6.08e-03	0.0	72.0	-794.31	-1.13	2.44	0.0	0.0	-1.07
3952	3	74.92	0.0	-1.34e-03	0.0	0.0	-738.85	-1.06	2.27	0.0	-163.75	74.92
		-1.08	-163.75	-5.80e-03	0.0	72.0	-736.29	-1.06	2.27	0.0	0.0	-1.08
3952	4	64.14	0.0	-1.14e-03	0.0	0.0	-622.48	-0.90	1.98	0.0	-142.61	64.14
		-1.02	-142.61	-5.23e-03	0.0	72.0	-619.92	-0.90	1.98	0.0	0.0	-1.02
3952	5	64.14	0.0	-1.14e-03	0.0	0.0	-622.48	-0.90	1.98	0.0	-142.61	64.14
		-1.02	-142.61	-5.23e-03	0.0	72.0	-619.92	-0.90	1.98	0.0	0.0	-1.02
3953	1	130.26	270.94	-8.59e-03	0.0	0.0	-338.39	4.08	-7.13	0.0	270.94	-147.11
		-147.11	-213.78	0.01	0.0	68.0	-335.24	4.08	-7.13	0.0	-213.78	130.26
3953	2	105.37	217.64	-6.94e-03	0.0	0.0	-275.12	3.30	-5.72	0.0	217.64	-118.99
		-118.99	-171.65	0.01	0.0	68.0	-272.70	3.30	-5.72	0.0	-171.65	105.37
3953	3	98.04	203.30	-6.47e-03	0.0	0.0	-253.70	3.07	-5.35	0.0	203.30	-110.67
		-110.67	-160.19	9.98e-03	0.0	68.0	-251.29	3.07	-5.35	0.0	-160.19	98.04
3953	4	83.06	177.34	-5.50e-03	0.0	0.0	-210.91	2.60	-4.67	0.0	177.34	-93.78
		-93.78	-140.12	8.52e-03	0.0	68.0	-208.49	2.60	-4.67	0.0	-140.12	83.06
3953	5	83.06	177.34	-5.50e-03	0.0	0.0	-210.91	2.60	-4.67	0.0	177.34	-93.78
		-93.78	-140.12	8.52e-03	0.0	68.0	-208.49	2.60	-4.67	0.0	-140.12	83.06
3954	1	117.57	0.0	2.49e-03	0.0	0.0	-324.08	-1.85	2.97	0.0	-213.78	117.57
		-15.94	-213.78	-6.22e-03	0.0	72.0	-320.75	-1.85	2.97	0.0	0.0	-15.94
3954	2	95.11	0.0	2.02e-03	0.0	0.0	-263.77	-1.50	2.38	0.0	-171.65	95.11
		-12.92	-171.65	-4.91e-03	0.0	72.0	-261.21	-1.50	2.38	0.0	0.0	-12.92
3954	3	88.47	0.0	1.87e-03	0.0	0.0	-242.85	-1.40	2.22	0.0	-160.19	88.47
		-11.97	-160.19	-4.73e-03	0.0	72.0	-240.29	-1.40	2.22	0.0	0.0	-11.97
3954	4	74.96	0.0	1.57e-03	0.0	0.0	-201.03	-1.18	1.95	0.0	-140.12	74.96
		-10.09	-140.12	-4.37e-03	0.0	72.0	-198.47	-1.18	1.95	0.0	0.0	-10.09
3954	5	74.96	0.0	1.57e-03	0.0	0.0	-201.03	-1.18	1.95	0.0	-140.12	74.96
		-10.09	-140.12	-4.37e-03	0.0	72.0	-198.47	-1.18	1.95	0.0	0.0	-10.09
4003	1	-19.32	39.40	-2.27e-03	0.0	0.0	-906.96	0.57	-1.19	18.33	39.40	-60.32
		-60.32	-46.17	-0.02	0.0	72.0	-903.63	0.57	-1.19	18.33	-46.17	-19.32
4003	2	-15.59	31.73	-1.83e-03	0.0	0.0	-736.54	0.46	-0.96	14.81	31.73	-48.68
		-48.68	-37.26	-0.01	0.0	72.0	-733.98	0.46	-0.96	14.81	-37.26	-15.59
4003	3	-14.54	29.70	-1.71e-03	0.0	0.0	-680.38	0.43	-0.90	13.78	29.70	-45.39
		-45.39	-34.76	-0.01	0.0	72.0	-677.82	0.43	-0.90	13.78	-34.76	-14.54
4003	4	-12.43	25.59	-1.45e-03	0.0	0.0	-568.06	0.37	-0.77	11.71	25.59	-38.80
		-38.80	-29.70	-0.01	0.0	72.0	-565.50	0.37	-0.77	11.71	-29.70	-12.43
4003	5	-12.43	25.59	-1.45e-03	0.0	0.0	-568.06	0.37	-0.77	11.71	25.59	-38.80
		-38.80	-29.70	-0.01	0.0	72.0	-565.50	0.37	-0.77	11.71	-29.70	-12.43
4004	1	0.0	0.0	-4.82e-03	0.0	0.0	-922.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	-920.00	0.0	0.0	0.0	0.0	0.0
4004	2	0.0	0.0	-3.89e-03	0.0	0.0	-749.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	-747.50	0.0	0.0	0.0	0.0	0.0
4004	3	0.0	0.0	-3.63e-03	0.0	0.0	-692.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	-690.00	0.0	0.0	0.0	0.0	0.0



4004	4	0.0	0.0	-3.09e-03	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
4004	5	0.0	0.0	-3.09e-03	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
4005	1	-17.32	66.77	2.63e-03	0.0	0.0	-923.61	0.19	-3.79	8.42	66.77	-30.80
		-30.80	-205.93	-0.01	0.0	72.0	-920.28	0.19	-3.79	8.42	-205.93	-17.32
4005	2	-13.97	54.30	2.12e-03	0.0	0.0	-750.07	0.15	-3.08	6.79	54.30	-24.84
		-24.84	-167.41	-9.99e-03	0.0	72.0	-747.51	0.15	-3.08	6.79	-167.41	-13.97
4005	3	-13.04	50.09	1.97e-03	0.0	0.0	-692.86	0.14	-2.84	6.34	50.09	-23.19
		-23.19	-154.44	-9.26e-03	0.0	72.0	-690.30	0.14	-2.84	6.34	-154.44	-13.04
4005	4	-11.15	41.62	1.68e-03	0.0	0.0	-578.44	0.12	-2.36	5.43	41.62	-19.84
		-19.84	-128.45	-7.80e-03	0.0	72.0	-575.88	0.12	-2.36	5.43	-128.45	-11.15
4005	5	-11.15	41.62	1.68e-03	0.0	0.0	-578.44	0.12	-2.36	5.43	41.62	-19.84
		-19.84	-128.45	-7.80e-03	0.0	72.0	-575.88	0.12	-2.36	5.43	-128.45	-11.15
4006	1	0.0	0.0	2.53e-04	0.0	0.0	-922.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	-920.00	0.0	0.0	0.0	0.0	0.0
4006	2	0.0	0.0	2.05e-04	0.0	0.0	-749.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	-747.50	0.0	0.0	0.0	0.0	0.0
4006	3	0.0	0.0	1.88e-04	0.0	0.0	-692.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	-690.00	0.0	0.0	0.0	0.0	0.0
4006	4	0.0	0.0	1.55e-04	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
4006	5	0.0	0.0	1.55e-04	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
4007	1	-17.90	36.73	3.44e-03	0.0	0.0	-924.21	0.26	-2.99	11.54	36.73	-36.37
		-36.37	-178.90	-6.81e-03	0.0	72.0	-920.88	0.26	-2.99	11.54	-178.90	-17.90
4007	2	-14.45	30.13	2.78e-03	0.0	0.0	-750.56	0.21	-2.44	9.33	30.13	-29.37
		-29.37	-145.63	-5.52e-03	0.0	72.0	-748.00	0.21	-2.44	9.33	-145.63	-14.45
4007	3	-13.47	27.39	2.59e-03	0.0	0.0	-693.32	0.19	-2.24	8.68	27.39	-27.36
		-27.36	-134.04	-5.11e-03	0.0	72.0	-690.76	0.19	-2.24	8.68	-134.04	-13.47
4007	4	-11.51	22.00	2.19e-03	0.0	0.0	-578.83	0.16	-1.85	7.40	22.00	-23.35
		-23.35	-110.91	-4.30e-03	0.0	72.0	-576.27	0.16	-1.85	7.40	-110.91	-11.51
4007	5	-11.51	22.00	2.19e-03	0.0	0.0	-578.83	0.16	-1.85	7.40	22.00	-23.35
		-23.35	-110.91	-4.30e-03	0.0	72.0	-576.27	0.16	-1.85	7.40	-110.91	-11.51
4008	1	0.0	0.0	7.29e-04	0.0	0.0	-922.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	-920.00	0.0	0.0	0.0	0.0	0.0
4008	2	0.0	0.0	5.89e-04	0.0	0.0	-749.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	-747.50	0.0	0.0	0.0	0.0	0.0
4008	3	0.0	0.0	5.49e-04	0.0	0.0	-692.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	-690.00	0.0	0.0	0.0	0.0	0.0
4008	4	0.0	0.0	4.53e-04	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-9.49e-03	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
4008	5	0.0	0.0	4.53e-04	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-9.49e-03	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
4009	1	-41.05	52.85	-3.05e-03	0.0	0.0	-924.07	0.52	-3.30	23.45	52.85	-78.57
		-78.57	-185.00	-3.52e-03	0.0	72.0	-920.74	0.52	-3.30	23.45	-185.00	-41.05
4009	2	-33.19	43.05	-2.47e-03	0.0	0.0	-750.45	0.42	-2.69	18.96	43.05	-63.52
		-63.52	-150.48	-2.85e-03	0.0	72.0	-747.89	0.42	-2.69	18.96	-150.48	-33.19
4009	3	-30.87	39.58	-2.29e-03	0.0	0.0	-693.21	0.39	-2.48	17.63	39.58	-59.08
		-59.08	-138.66	-2.64e-03	0.0	72.0	-690.65	0.39	-2.48	17.63	-138.66	-30.87
4009	4	-26.21	32.65	-1.94e-03	0.0	0.0	-578.74	0.33	-2.05	14.97	32.65	-50.16
		-50.16	-115.03	-2.22e-03	0.0	72.0	-576.18	0.33	-2.05	14.97	-115.03	-26.21
4009	5	-26.21	32.65	-1.94e-03	0.0	0.0	-578.74	0.33	-2.05	14.97	32.65	-50.16
		-50.16	-115.03	-2.22e-03	0.0	72.0	-576.18	0.33	-2.05	14.97	-115.03	-26.21
4010	1	0.0	0.0	-7.30e-03	0.0	0.0	-922.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	-920.00	0.0	0.0	0.0	0.0	0.0
4010	2	0.0	0.0	-5.90e-03	0.0	0.0	-749.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	-747.50	0.0	0.0	0.0	0.0	0.0
4010	3	0.0	0.0	-5.49e-03	0.0	0.0	-692.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-9.23e-03	0.0	60.0	-690.00	0.0	0.0	0.0	0.0	0.0
4010	4	0.0	0.0	-4.65e-03	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-7.69e-03	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
4010	5	0.0	0.0	-4.65e-03	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-7.69e-03	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
4011	1	-40.53	72.41	-3.57e-03	0.0	0.0	-923.81	0.49	-3.74	22.20	72.41	-76.06
		-76.06	-196.85	-1.91e-03	0.0	72.0	-920.48	0.49	-3.74	22.20	-196.85	-40.53
4011	2	-32.76	58.79	-2.89e-03	0.0	0.0	-750.24	0.40	-3.04	17.94	58.79	-61.46
		-61.46	-160.00	-1.55e-03	0.0	72.0	-747.68	0.40	-3.04	17.94	-160.00	-32.76
4011	3	-30.47	54.34	-2.68e-03	0.0	0.0	-693.01	0.37	-2.80	16.68	54.34	-57.15
		-57.15	-147.61	-1.44e-03	0.0	72.0	-690.45	0.37	-2.80	16.68	-147.61	-30.47
4011	4	-25.87	45.42	-2.27e-03	0.0	0.0	-578.56	0.32	-2.34	14.18	45.42	-48.55
		-48.55	-122.82	-1.22e-03	0.0	72.0	-576.00	0.32	-2.34	14.18	-122.82	-25.87
4011	5	-25.87	45.42	-2.27e-03	0.0	0.0	-578.56	0.32	-2.34	14.18	45.42	-48.55
		-48.55	-122.82	-1.22e-03	0.0	72.0	-576.00	0.32	-2.34	14.18	-122.82	-25.87
4012	1	0.0	0.0	-7.62e-03	0.0	0.0	-922.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	-920.00	0.0	0.0	0.0	0.0	0.0
4012	2	0.0	0.0	-6.16e-03	0.0	0.0	-749.63	0.0	0.0	0.0	0.0	0.0

4012	3	0.0	0.0	-9.02e-03	0.0	60.0	-747.50	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-5.73e-03	0.0	0.0	-692.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-8.32e-03	0.0	60.0	-690.00	0.0	0.0	0.0	0.0	0.0
4012	4	0.0	0.0	-4.85e-03	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-6.94e-03	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
4012	5	0.0	0.0	-4.85e-03	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-6.94e-03	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
4013	1	-17.93	63.81	3.29e-03	0.0	0.0	-923.96	0.24	-3.53	10.89	63.81	-35.36
		-35.36	-190.07	1.15e-03	0.0	72.0	-920.63	0.24	-3.53	10.89	-190.07	-17.93
4013	2	-14.47	51.91	2.65e-03	0.0	0.0	-750.36	0.20	-2.87	8.79	51.91	-28.53
		-28.53	-154.58	9.42e-04	0.0	72.0	-747.80	0.20	-2.87	8.79	-154.58	-14.47
4013	3	-13.49	47.86	2.46e-03	0.0	0.0	-693.13	0.18	-2.64	8.20	47.86	-26.61
		-26.61	-142.51	8.64e-04	0.0	72.0	-690.57	0.18	-2.64	8.20	-142.51	-13.49
4013	4	-11.52	39.67	2.10e-03	0.0	0.0	-578.66	0.16	-2.19	7.01	39.67	-22.74
		-22.74	-118.33	7.07e-04	0.0	72.0	-576.10	0.16	-2.19	7.01	-118.33	-11.52
4013	5	-11.52	39.67	2.10e-03	0.0	0.0	-578.66	0.16	-2.19	7.01	39.67	-22.74
		-22.74	-118.33	7.07e-04	0.0	72.0	-576.10	0.16	-2.19	7.01	-118.33	-11.52
4014	1	0.0	0.0	6.38e-04	0.0	0.0	-922.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	-920.00	0.0	0.0	0.0	0.0	0.0
4014	2	0.0	0.0	5.12e-04	0.0	0.0	-749.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-8.35e-03	0.0	60.0	-747.50	0.0	0.0	0.0	0.0	0.0
4014	3	0.0	0.0	4.69e-04	0.0	0.0	-692.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-7.70e-03	0.0	60.0	-690.00	0.0	0.0	0.0	0.0	0.0
4014	4	0.0	0.0	3.96e-04	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-6.41e-03	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
4014	5	0.0	0.0	3.96e-04	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-6.41e-03	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
4015	1	-20.53	45.97	3.92e-03	0.0	0.0	-924.26	0.29	-3.09	13.26	45.97	-41.74
		-41.74	-176.54	-1.30e-03	0.0	72.0	-920.93	0.29	-3.09	13.26	-176.54	-20.53
4015	2	-16.58	37.64	3.16e-03	0.0	0.0	-750.60	0.24	-2.52	10.71	37.64	-33.71
		-33.71	-143.74	-1.05e-03	0.0	72.0	-748.04	0.24	-2.52	10.71	-143.74	-16.58
4015	3	-15.44	34.35	2.94e-03	0.0	0.0	-693.35	0.22	-2.31	9.97	34.35	-31.39
		-31.39	-132.28	-9.79e-04	0.0	72.0	-690.79	0.22	-2.31	9.97	-132.28	-15.44
4015	4	-13.14	27.78	2.52e-03	0.0	0.0	-578.86	0.19	-1.90	8.47	27.78	-26.69
		-26.69	-109.34	-8.35e-04	0.0	72.0	-576.30	0.19	-1.90	8.47	-109.34	-13.14
4015	5	-13.14	27.78	2.52e-03	0.0	0.0	-578.86	0.19	-1.90	8.47	27.78	-26.69
		-26.69	-109.34	-8.35e-04	0.0	72.0	-576.30	0.19	-1.90	8.47	-109.34	-13.14
4016	1	0.0	0.0	8.15e-04	0.0	0.0	-922.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	-920.00	0.0	0.0	0.0	0.0	0.0
4016	2	0.0	0.0	6.56e-04	0.0	0.0	-749.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-8.27e-03	0.0	60.0	-747.50	0.0	0.0	0.0	0.0	0.0
4016	3	0.0	0.0	6.10e-04	0.0	0.0	-692.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-7.63e-03	0.0	60.0	-690.00	0.0	0.0	0.0	0.0	0.0
4016	4	0.0	0.0	5.37e-04	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-6.34e-03	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
4016	5	0.0	0.0	5.37e-04	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-6.34e-03	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
4017	1	-44.51	64.49	-2.49e-03	0.0	0.0	-923.99	0.57	-3.51	25.69	64.49	-85.61
		-85.61	-188.49	-2.97e-03	0.0	72.0	-920.67	0.57	-3.51	25.69	-188.49	-44.51
4017	2	-35.97	52.51	-2.02e-03	0.0	0.0	-750.39	0.46	-2.86	20.76	52.51	-69.19
		-69.19	-153.34	-2.40e-03	0.0	72.0	-747.83	0.46	-2.86	20.76	-153.34	-35.97
4017	3	-33.45	48.33	-1.87e-03	0.0	0.0	-693.15	0.43	-2.63	19.31	48.33	-64.34
		-64.34	-141.29	-2.24e-03	0.0	72.0	-690.59	0.43	-2.63	19.31	-141.29	-33.45
4017	4	-28.42	39.93	-1.57e-03	0.0	0.0	-578.69	0.36	-2.18	16.41	39.93	-54.67
		-54.67	-117.16	-1.92e-03	0.0	72.0	-576.13	0.36	-2.18	16.41	-117.16	-28.42
4017	5	-28.42	39.93	-1.57e-03	0.0	0.0	-578.69	0.36	-2.18	16.41	39.93	-54.67
		-54.67	-117.16	-1.92e-03	0.0	72.0	-576.13	0.36	-2.18	16.41	-117.16	-28.42
4018	1	0.0	0.0	-7.24e-03	0.0	0.0	-922.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	-920.00	0.0	0.0	0.0	0.0	0.0
4018	2	0.0	0.0	-5.85e-03	0.0	0.0	-749.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-9.52e-03	0.0	60.0	-747.50	0.0	0.0	0.0	0.0	0.0
4018	3	0.0	0.0	-5.44e-03	0.0	0.0	-692.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-8.79e-03	0.0	60.0	-690.00	0.0	0.0	0.0	0.0	0.0
4018	4	0.0	0.0	-4.61e-03	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-7.35e-03	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
4018	5	0.0	0.0	-4.61e-03	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-7.35e-03	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
4019	1	-43.16	93.22	-2.38e-03	0.0	0.0	-923.47	0.53	-4.24	23.83	93.22	-81.29
		-81.29	-212.07	-5.08e-03	0.0	72.0	-920.14	0.53	-4.24	23.83	-212.07	-43.16
4019	2	-34.88	75.62	-1.93e-03	0.0	0.0	-749.96	0.43	-3.44	19.26	75.62	-65.70
		-65.70	-172.32	-4.09e-03	0.0	72.0	-747.40	0.43	-3.44	19.26	-172.32	-34.88
4019	3	-32.44	69.98	-1.79e-03	0.0	0.0	-692.76	0.40	-3.18	17.92	69.98	-61.11
		-61.11	-159.04	-3.82e-03	0.0	72.0	-690.20	0.40	-3.18	17.92	-159.04	-32.44
4019	4	-27.57	58.64	-1.50e-03	0.0	0.0	-578.35	0.34	-2.65	15.22	58.64	-51.92
		-51.92	-132.49	-3.28e-03	0.0	72.0	-575.79	0.34	-2.65	15.22	-132.49	-27.57
4019	5	-27.57	58.64	-1.50e-03	0.0	0.0	-578.35	0.34	-2.65	15.22	58.64	-51.92
		-51.92	-132.49	-3.28e-03	0.0	72.0	-575.79	0.34	-2.65	15.22	-132.49	-27.57



4020	1	0.0	0.0	-6.94e-03	0.0	0.0	-922.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	-920.00	0.0	0.0	0.0	0.0	0.0
4020	2	0.0	0.0	-5.61e-03	0.0	0.0	-749.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	-747.50	0.0	0.0	0.0	0.0	0.0
4020	3	0.0	0.0	-5.22e-03	0.0	0.0	-692.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	-690.00	0.0	0.0	0.0	0.0	0.0
4020	4	0.0	0.0	-4.42e-03	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-8.84e-03	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
4020	5	0.0	0.0	-4.42e-03	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-8.84e-03	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
4021	1	-18.94	121.22	5.31e-03	0.0	0.0	-922.90	0.26	-4.98	11.73	121.22	-37.70
		-37.70	-237.52	-5.90e-03	0.0	72.0	-919.58	0.26	-4.98	11.73	-237.52	-18.94
4021	2	-15.29	98.28	4.28e-03	0.0	0.0	-749.51	0.21	-4.04	9.47	98.28	-30.44
		-30.44	-192.90	-4.76e-03	0.0	72.0	-746.95	0.21	-4.04	9.47	-192.90	-15.29
4021	3	-14.25	90.99	3.99e-03	0.0	0.0	-692.34	0.20	-3.74	8.83	90.99	-28.37
		-28.37	-178.16	-4.44e-03	0.0	72.0	-689.77	0.20	-3.74	8.83	-178.16	-14.25
4021	4	-12.15	76.44	3.39e-03	0.0	0.0	-577.99	0.17	-3.13	7.53	76.44	-24.20
		-24.20	-148.73	-3.81e-03	0.0	72.0	-575.43	0.17	-3.13	7.53	-148.73	-12.15
4021	5	-12.15	76.44	3.39e-03	0.0	0.0	-577.99	0.17	-3.13	7.53	76.44	-24.20
		-24.20	-148.73	-3.81e-03	0.0	72.0	-575.43	0.17	-3.13	7.53	-148.73	-12.15
4022	1	0.0	0.0	2.19e-03	0.0	0.0	-922.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	-920.00	0.0	0.0	0.0	0.0	0.0
4022	2	0.0	0.0	1.76e-03	0.0	0.0	-749.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	-747.50	0.0	0.0	0.0	0.0	0.0
4022	3	0.0	0.0	1.64e-03	0.0	0.0	-692.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	-690.00	0.0	0.0	0.0	0.0	0.0
4022	4	0.0	0.0	1.39e-03	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-9.71e-03	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
4022	5	0.0	0.0	1.39e-03	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-9.71e-03	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
4023	1	-20.05	147.82	6.43e-03	0.0	0.0	-922.47	0.28	-5.63	12.47	147.82	-40.00
		-40.00	-257.24	-3.85e-03	0.0	72.0	-919.14	0.28	-5.63	12.47	-257.24	-20.05
4023	2	-16.19	119.77	5.19e-03	0.0	0.0	-749.15	0.22	-4.56	10.08	119.77	-32.33
		-32.33	-208.83	-3.10e-03	0.0	72.0	-746.59	0.22	-4.56	10.08	-208.83	-16.19
4023	3	-15.08	111.02	4.83e-03	0.0	0.0	-692.01	0.21	-4.22	9.38	111.02	-30.08
		-30.08	-193.00	-2.90e-03	0.0	72.0	-689.44	0.21	-4.22	9.38	-193.00	-15.08
4023	4	-12.83	93.50	4.12e-03	0.0	0.0	-577.71	0.18	-3.54	7.97	93.50	-25.58
		-25.58	-161.33	-2.49e-03	0.0	72.0	-575.15	0.18	-3.54	7.97	-161.33	-12.83
4023	5	-12.83	93.50	4.12e-03	0.0	0.0	-577.71	0.18	-3.54	7.97	93.50	-25.58
		-25.58	-161.33	-2.49e-03	0.0	72.0	-575.15	0.18	-3.54	7.97	-161.33	-12.83
4024	1	0.0	0.0	2.99e-03	0.0	0.0	-922.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	-920.00	0.0	0.0	0.0	0.0	0.0
4024	2	0.0	0.0	2.41e-03	0.0	0.0	-749.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	-747.50	0.0	0.0	0.0	0.0	0.0
4024	3	0.0	0.0	2.25e-03	0.0	0.0	-692.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	-690.00	0.0	0.0	0.0	0.0	0.0
4024	4	0.0	0.0	1.91e-03	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-8.86e-03	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
4024	5	0.0	0.0	1.91e-03	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-8.86e-03	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
4025	1	-36.34	47.33	2.29e-03	0.0	0.0	-923.98	0.45	-3.28	20.22	47.33	-68.69
		-68.69	-188.95	2.72e-03	0.0	72.0	-920.66	0.45	-3.28	20.22	-188.95	-36.34
4025	2	-29.41	38.76	1.84e-03	0.0	0.0	-750.38	0.36	-2.67	16.36	38.76	-55.58
		-55.58	-153.79	2.21e-03	0.0	72.0	-747.82	0.36	-2.67	16.36	-153.79	-29.41
4025	3	-27.31	35.37	1.72e-03	0.0	0.0	-693.15	0.34	-2.46	15.19	35.37	-51.61
		-51.61	-141.58	2.04e-03	0.0	72.0	-690.59	0.34	-2.46	15.19	-141.58	-27.31
4025	4	-23.11	28.59	1.48e-03	0.0	0.0	-578.69	0.29	-2.02	12.85	28.59	-43.67
		-43.67	-117.17	1.70e-03	0.0	72.0	-576.13	0.29	-2.02	12.85	-117.17	-23.11
4025	5	-23.11	28.59	1.48e-03	0.0	0.0	-578.69	0.29	-2.02	12.85	28.59	-43.67
		-43.67	-117.17	1.70e-03	0.0	72.0	-576.13	0.29	-2.02	12.85	-117.17	-23.11
4026	1	0.0	0.0	-2.83e-03	0.0	0.0	-922.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-8.83e-03	0.0	60.0	-920.00	0.0	0.0	0.0	0.0	0.0
4026	2	0.0	0.0	-2.30e-03	0.0	0.0	-749.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-7.18e-03	0.0	60.0	-747.50	0.0	0.0	0.0	0.0	0.0
4026	3	0.0	0.0	-2.12e-03	0.0	0.0	-692.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-6.62e-03	0.0	60.0	-690.00	0.0	0.0	0.0	0.0	0.0
4026	4	0.0	0.0	-1.76e-03	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-5.50e-03	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
4026	5	0.0	0.0	-1.76e-03	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-5.50e-03	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
4027	1	-37.42	1.17	1.62e-03	0.0	0.0	-924.81	0.47	-2.12	21.04	1.17	-71.08
		-71.08	-151.61	5.36e-03	0.0	72.0	-921.48	0.47	-2.12	21.04	-151.61	-37.42
4027	2	-30.27	1.64	1.30e-03	0.0	0.0	-751.04	0.38	-1.74	17.01	1.64	-57.49
		-57.49	-123.76	4.35e-03	0.0	72.0	-748.48	0.38	-1.74	17.01	-123.76	-30.27
4027	3	-28.11	0.58	1.22e-03	0.0	0.0	-693.77	0.35	-1.58	15.81	0.58	-53.41
		-53.41	-113.45	4.02e-03	0.0	72.0	-691.21	0.35	-1.58	15.81	-113.45	-28.11
4027	4	-23.81	-1.51	1.05e-03	0.0	0.0	-579.23	0.30	-1.27	13.40	-1.51	-45.24

4027	5	-45.24	-92.84	3.37e-03	0.0	72.0	-576.67	0.30	-1.27	13.40	-92.84	-23.81
		-23.81	-1.51	1.05e-03	0.0	0.0	-579.23	0.30	-1.27	13.40	-1.51	-45.24
		-45.24	-92.84	3.37e-03	0.0	72.0	-576.67	0.30	-1.27	13.40	-92.84	-23.81
4028	1	0.0	0.0	-4.03e-03	0.0	0.0	-922.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-4.93e-03	0.0	60.0	-920.00	0.0	0.0	0.0	0.0	0.0
4028	2	0.0	0.0	-3.27e-03	0.0	0.0	-749.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-4.03e-03	0.0	60.0	-747.50	0.0	0.0	0.0	0.0	0.0
4028	3	0.0	0.0	-3.02e-03	0.0	0.0	-692.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.69e-03	0.0	60.0	-690.00	0.0	0.0	0.0	0.0	0.0
4028	4	0.0	0.0	-2.53e-03	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.01e-03	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
4028	5	0.0	0.0	-2.53e-03	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.01e-03	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
4029	1	-37.92	89.51	-1.41e-03	0.0	0.0	-923.56	0.44	-4.14	19.76	89.51	-69.54
		-69.54	-208.23	5.74e-03	0.0	72.0	-920.23	0.44	-4.14	19.76	-208.23	-37.92
4029	2	-30.65	72.76	-1.15e-03	0.0	0.0	-750.03	0.35	-3.36	15.97	72.76	-56.21
		-56.21	-169.36	4.67e-03	0.0	72.0	-747.47	0.35	-3.36	15.97	-169.36	-30.65
4029	3	-28.50	67.10	-1.05e-03	0.0	0.0	-692.83	0.33	-3.10	14.85	67.10	-52.25
		-52.25	-156.08	4.30e-03	0.0	72.0	-690.27	0.33	-3.10	14.85	-156.08	-28.50
4029	4	-24.18	55.81	-8.62e-04	0.0	0.0	-578.42	0.28	-2.57	12.61	55.81	-44.36
		-44.36	-129.55	3.57e-03	0.0	72.0	-575.85	0.28	-2.57	12.61	-129.55	-24.18
4029	5	-24.18	55.81	-8.62e-04	0.0	0.0	-578.42	0.28	-2.57	12.61	55.81	-44.36
		-44.36	-129.55	3.57e-03	0.0	72.0	-575.85	0.28	-2.57	12.61	-129.55	-24.18
4030	1	0.0	0.0	-5.47e-03	0.0	0.0	-922.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-5.27e-03	0.0	60.0	-920.00	0.0	0.0	0.0	0.0	0.0
4030	2	0.0	0.0	-4.43e-03	0.0	0.0	-749.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-4.29e-03	0.0	60.0	-747.50	0.0	0.0	0.0	0.0	0.0
4030	3	0.0	0.0	-4.11e-03	0.0	0.0	-692.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.95e-03	0.0	60.0	-690.00	0.0	0.0	0.0	0.0	0.0
4030	4	0.0	0.0	-3.46e-03	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.28e-03	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
4030	5	0.0	0.0	-3.46e-03	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.28e-03	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
4031	1	-15.81	134.64	3.55e-03	0.0	0.0	-922.77	0.19	-5.25	8.41	134.64	-29.26
		-29.26	-243.56	6.47e-03	0.0	72.0	-919.44	0.19	-5.25	8.41	-243.56	-15.81
4031	2	-12.76	109.15	2.86e-03	0.0	0.0	-749.40	0.15	-4.26	6.78	109.15	-23.61
		-23.61	-197.83	5.28e-03	0.0	72.0	-746.84	0.15	-4.26	6.78	-197.83	-12.76
4031	3	-11.94	101.08	2.65e-03	0.0	0.0	-692.23	0.14	-3.94	6.35	101.08	-22.10
		-22.10	-182.68	4.84e-03	0.0	72.0	-689.67	0.14	-3.94	6.35	-182.68	-11.94
4031	4	-10.22	84.99	2.26e-03	0.0	0.0	-577.91	0.12	-3.30	5.44	84.99	-18.91
		-18.91	-152.43	3.96e-03	0.0	72.0	-575.35	0.12	-3.30	5.44	-152.43	-10.22
4031	5	-10.22	84.99	2.26e-03	0.0	0.0	-577.91	0.12	-3.30	5.44	84.99	-18.91
		-18.91	-152.43	3.96e-03	0.0	72.0	-575.35	0.12	-3.30	5.44	-152.43	-10.22
4032	1	0.0	0.0	1.15e-03	0.0	0.0	-922.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-5.39e-03	0.0	60.0	-920.00	0.0	0.0	0.0	0.0	0.0
4032	2	0.0	0.0	9.31e-04	0.0	0.0	-749.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-4.36e-03	0.0	60.0	-747.50	0.0	0.0	0.0	0.0	0.0
4032	3	0.0	0.0	8.46e-04	0.0	0.0	-692.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-4.05e-03	0.0	60.0	-690.00	0.0	0.0	0.0	0.0	0.0
4032	4	0.0	0.0	7.20e-04	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.43e-03	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
4032	5	0.0	0.0	7.20e-04	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.43e-03	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
4033	1	-16.51	94.59	2.63e-03	0.0	0.0	-923.53	0.21	-4.22	9.52	94.59	-31.74
		-31.74	-209.49	9.11e-03	0.0	72.0	-920.20	0.21	-4.22	9.52	-209.49	-16.51
4033	2	-13.32	76.77	2.13e-03	0.0	0.0	-750.01	0.17	-3.43	7.69	76.77	-25.62
		-25.62	-170.24	7.43e-03	0.0	72.0	-747.45	0.17	-3.43	7.69	-170.24	-13.32
4033	3	-12.42	70.98	1.97e-03	0.0	0.0	-692.80	0.16	-3.17	7.16	70.98	-23.88
		-23.88	-157.10	6.81e-03	0.0	72.0	-690.24	0.16	-3.17	7.16	-157.10	-12.42
4033	4	-10.64	59.40	1.68e-03	0.0	0.0	-578.39	0.14	-2.64	6.13	59.40	-20.45
		-20.45	-130.83	5.59e-03	0.0	72.0	-575.83	0.14	-2.64	6.13	-130.83	-10.64
4033	5	-10.64	59.40	1.68e-03	0.0	0.0	-578.39	0.14	-2.64	6.13	59.40	-20.45
		-20.45	-130.83	5.59e-03	0.0	72.0	-575.83	0.14	-2.64	6.13	-130.83	-10.64
4034	1	0.0	0.0	2.77e-04	0.0	0.0	-922.77	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.05e-03	0.0	60.0	-920.00	0.0	0.0	0.0	0.0	0.0
4034	2	0.0	0.0	2.26e-04	0.0	0.0	-749.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.65e-03	0.0	60.0	-747.50	0.0	0.0	0.0	0.0	0.0
4034	3	0.0	0.0	2.03e-04	0.0	0.0	-692.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.55e-03	0.0	60.0	-690.00	0.0	0.0	0.0	0.0	0.0
4034	4	0.0	0.0	1.64e-04	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.36e-03	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
4034	5	0.0	0.0	1.64e-04	0.0	0.0	-577.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.36e-03	0.0	60.0	-575.00	0.0	0.0	0.0	0.0	0.0
4035	1	44.10	7.72	7.50e-03	0.0	0.0	-1326.24	0.17	-0.07	0.0	7.72	27.17
		27.17	0.76	-0.01	0.0	100.0	-1321.62	0.17	-0.07	0.0	0.76	44.10
4035	2	35.65	6.16	6.04e-03	0.0	0.0	-1071.23	0.14	-0.06	0.0	6.16	21.91
		21.91	0.59	-9.89e-03	0.0	100.0	-1067.67	0.14	-0.06	0.0	0.59	35.65



4035	3	33.12	5.83	5.64e-03	0.0	0.0	-997.53	0.13	-0.05	0.0	5.83	20.43
		20.43	0.51	-9.25e-03	0.0	100.0	-993.97	0.13	-0.05	0.0	0.51	33.12
4035	4	28.10	5.16	4.84e-03	0.0	0.0	-850.09	0.11	-0.05	0.0	5.16	17.51
		17.51	0.48	-7.95e-03	0.0	100.0	-846.53	0.11	-0.05	0.0	0.48	28.10
4035	5	28.10	5.16	4.84e-03	0.0	0.0	-850.09	0.11	-0.05	0.0	5.16	17.51
		17.51	0.48	-7.95e-03	0.0	100.0	-846.53	0.11	-0.05	0.0	0.48	28.10
4036	1	41.31	13.67	5.67e-03	0.0	0.0	-2050.57	0.19	0.23	0.0	-9.67	22.01
		22.01	-9.67	-0.02	0.0	100.0	-2045.95	0.19	0.23	0.0	13.67	41.31
4036	2	33.40	11.01	4.57e-03	0.0	0.0	-1657.61	0.16	0.19	0.0	-7.85	17.74
		17.74	-7.85	-0.01	0.0	100.0	-1654.06	0.16	0.19	0.0	11.01	33.40
4036	3	31.01	10.26	4.27e-03	0.0	0.0	-1541.72	0.14	0.18	0.0	-7.28	16.56
		16.56	-7.28	-0.01	0.0	100.0	-1538.17	0.14	0.18	0.0	10.26	31.01
4036	4	26.26	8.82	3.67e-03	0.0	0.0	-1309.93	0.12	0.15	0.0	-6.12	14.20
		14.20	-6.12	-9.99e-03	0.0	100.0	-1306.38	0.12	0.15	0.0	8.82	26.26
4036	5	26.26	8.82	3.67e-03	0.0	0.0	-1309.93	0.12	0.15	0.0	-6.12	14.20
		14.20	-6.12	-9.99e-03	0.0	100.0	-1306.38	0.12	0.15	0.0	8.82	26.26
4037	1	-20.85	19.91	-5.42e-03	0.0	0.0	-2049.04	-0.16	0.16	0.0	3.44	-20.85
		-36.91	3.44	-0.01	0.0	100.0	-2044.41	-0.16	0.16	0.0	19.91	-36.91
4037	2	-16.82	16.01	-4.36e-03	0.0	0.0	-1656.45	-0.13	0.13	0.0	2.70	-16.82
		-29.91	2.70	-0.01	0.0	100.0	-1652.89	-0.13	0.13	0.0	16.01	-29.91
4037	3	-15.71	15.00	-4.09e-03	0.0	0.0	-1540.54	-0.12	0.12	0.0	2.63	-15.71
		-27.76	2.63	-0.01	0.0	100.0	-1536.98	-0.12	0.12	0.0	15.00	-27.76
4037	4	-13.47	12.91	-3.53e-03	0.0	0.0	-1308.56	-0.10	0.10	0.0	2.46	-13.47
		-23.43	2.46	-9.15e-03	0.0	100.0	-1305.01	-0.10	0.10	0.0	12.91	-23.43
4037	5	-13.47	12.91	-3.53e-03	0.0	0.0	-1308.56	-0.10	0.10	0.0	2.46	-13.47
		-23.43	2.46	-9.15e-03	0.0	100.0	-1305.01	-0.10	0.10	0.0	12.91	-23.43
4038	1	-26.30	66.93	-7.35e-03	0.0	0.0	-1332.80	-0.13	-0.79	0.0	66.93	-26.30
		-39.63	-12.24	-1.67e-03	0.0	100.0	-1328.17	-0.13	-0.79	0.0	-12.24	-39.63
4038	2	-21.22	53.80	-5.92e-03	0.0	0.0	-1076.49	-0.11	-0.64	0.0	53.80	-21.22
		-32.10	-10.00	-1.35e-03	0.0	100.0	-1072.93	-0.11	-0.64	0.0	-10.00	-32.10
4038	3	-19.81	50.47	-5.54e-03	0.0	0.0	-1002.42	-0.10	-0.60	0.0	50.47	-19.81
		-29.81	-9.15	-1.25e-03	0.0	100.0	-998.86	-0.10	-0.60	0.0	-9.15	-29.81
4038	4	-16.98	43.74	-4.78e-03	0.0	0.0	-854.26	-0.08	-0.51	0.0	43.74	-16.98
		-25.20	-7.50	-1.08e-03	0.0	100.0	-850.70	-0.08	-0.51	0.0	-7.50	-25.20
4038	5	-16.98	43.74	-4.78e-03	0.0	0.0	-854.26	-0.08	-0.51	0.0	43.74	-16.98
		-25.20	-7.50	-1.08e-03	0.0	100.0	-850.70	-0.08	-0.51	0.0	-7.50	-25.20
4039	1	45.68	8.60	8.00e-03	0.0	0.0	-1348.46	0.17	-0.08	0.0	8.60	28.22
		28.22	0.29	-0.01	0.0	100.0	-1343.84	0.17	-0.08	0.0	0.29	45.68
4039	2	36.93	6.87	6.45e-03	0.0	0.0	-1089.23	0.14	-0.07	0.0	6.87	22.76
		22.76	0.22	-9.85e-03	0.0	100.0	-1085.67	0.14	-0.07	0.0	0.22	36.93
4039	3	34.31	6.48	6.02e-03	0.0	0.0	-1014.16	0.13	-0.06	0.0	6.48	21.23
		21.23	0.17	-9.21e-03	0.0	100.0	-1010.61	0.13	-0.06	0.0	0.17	34.31
4039	4	29.08	5.72	5.16e-03	0.0	0.0	-864.02	0.11	-0.06	0.0	5.72	18.18
		18.18	0.18	-7.91e-03	0.0	100.0	-860.46	0.11	-0.06	0.0	0.18	29.08
4039	5	29.08	5.72	5.16e-03	0.0	0.0	-864.02	0.11	-0.06	0.0	5.72	18.18
		18.18	0.18	-7.91e-03	0.0	100.0	-860.46	0.11	-0.06	0.0	0.18	29.08
4040	1	42.70	14.42	6.13e-03	0.0	0.0	-2100.23	0.20	0.22	0.0	-8.01	22.90
		22.90	-8.01	-0.02	0.0	100.0	-2095.60	0.20	0.22	0.0	14.42	42.70
4040	2	34.53	11.62	4.94e-03	0.0	0.0	-1697.92	0.16	0.18	0.0	-6.49	18.47
		18.47	-6.49	-0.01	0.0	100.0	-1694.36	0.16	0.18	0.0	11.62	34.53
4040	3	32.06	10.83	4.61e-03	0.0	0.0	-1579.03	0.15	0.17	0.0	-6.03	17.23
		17.23	-6.03	-0.01	0.0	100.0	-1575.47	0.15	0.17	0.0	10.83	32.06
4040	4	27.15	9.31	3.96e-03	0.0	0.0	-1341.19	0.12	0.14	0.0	-5.10	14.76
		14.76	-5.10	-9.98e-03	0.0	100.0	-1337.63	0.12	0.14	0.0	9.31	27.15
4040	5	27.15	9.31	3.96e-03	0.0	0.0	-1341.19	0.12	0.14	0.0	-5.10	14.76
		14.76	-5.10	-9.98e-03	0.0	100.0	-1337.63	0.12	0.14	0.0	9.31	27.15
4041	1	-20.76	21.07	-5.04e-03	0.0	0.0	-2108.37	-0.18	0.17	0.0	4.33	-20.76
		-38.40	4.33	-0.01	0.0	100.0	-2103.74	-0.18	0.17	0.0	21.07	-38.40
4041	2	-16.74	16.94	-4.05e-03	0.0	0.0	-1704.45	-0.14	0.13	0.0	3.45	-16.74
		-31.13	3.45	-0.01	0.0	100.0	-1700.89	-0.14	0.13	0.0	16.94	-31.13
4041	3	-15.64	15.87	-3.80e-03	0.0	0.0	-1585.13	-0.13	0.13	0.0	3.29	-15.64
		-28.87	3.29	-0.01	0.0	100.0	-1581.57	-0.13	0.13	0.0	15.87	-28.87
4041	4	-13.42	13.68	-3.30e-03	0.0	0.0	-1346.36	-0.11	0.11	0.0	2.92	-13.42
		-24.33	2.92	-9.13e-03	0.0	100.0	-1342.81	-0.11	0.11	0.0	13.68	-24.33
4041	5	-13.42	13.68	-3.30e-03	0.0	0.0	-1346.36	-0.11	0.11	0.0	2.92	-13.42
		-24.33	2.92	-9.13e-03	0.0	100.0	-1342.81	-0.11	0.11	0.0	13.68	-24.33
4042	1	-26.20	67.80	-6.95e-03	0.0	0.0	-1354.63	-0.15	-0.81	0.0	67.80	-26.20
		-41.40	-13.19	-1.63e-03	0.0	100.0	-1350.00	-0.15	-0.81	0.0	-13.19	-41.40
4042	2	-21.13	54.50	-5.60e-03	0.0	0.0	-1094.19	-0.12	-0.65	0.0	54.50	-21.13
		-33.55	-10.76	-1.31e-03	0.0	100.0	-1090.63	-0.12	-0.65	0.0	-10.76	-33.55
4042	3	-19.73	51.13	-5.24e-03	0.0	0.0	-1018.80	-0.11	-0.61	0.0	51.13	-19.73
		-31.13	-9.87	-1.23e-03	0.0	100.0	-1015.24	-0.11	-0.61	0.0	-9.87	-31.13
4042	4	-16.91	44.30	-4.53e-03	0.0	0.0	-867.96	-0.09	-0.52	0.0	44.30	-16.91
		-26.28	-8.12	-1.05e-03	0.0	100.0	-864.41	-0.09	-0.52	0.0	-8.12	-26.28
4042	5	-16.91	44.30	-4.53e-03	0.0	0.0	-867.96	-0.09	-0.52	0.0	44.30	-16.91
		-26.28	-8.12	-1.05e-03	0.0	100.0	-864.41	-0.09	-0.52	0.0	-8.12	-26.28
4043	1	47.23	10.02	7.00e-03	0.0	0.0	-1366.29	0.24	-0.11	0.0	10.02	23.58

		23.58	-0.67	-0.01	0.0	100.0	-1361.67	0.24	-0.11	0.0	-0.67	47.23
4043	2	38.21	8.02	5.64e-03	0.0	0.0	-1103.82	0.19	-0.09	0.0	8.02	19.00
		19.00	-0.56	-9.78e-03	0.0	100.0	-1100.27	0.19	-0.09	0.0	-0.56	38.21
4043	3	35.49	7.55	5.27e-03	0.0	0.0	-1027.52	0.18	-0.08	0.0	7.55	17.75
		17.75	-0.55	-9.14e-03	0.0	100.0	-1023.96	0.18	-0.08	0.0	-0.55	35.49
4043	4	30.05	6.64	4.55e-03	0.0	0.0	-874.86	0.15	-0.07	0.0	6.64	15.26
		15.26	-0.45	-7.86e-03	0.0	100.0	-871.31	0.15	-0.07	0.0	-0.45	30.05
4043	5	30.05	6.64	4.55e-03	0.0	0.0	-874.86	0.15	-0.07	0.0	6.64	15.26
		15.26	-0.45	-7.86e-03	0.0	100.0	-871.31	0.15	-0.07	0.0	-0.45	30.05
4044	1	41.46	16.08	5.23e-03	0.0	0.0	-2154.27	0.23	0.23	0.0	-7.36	18.29
		18.29	-7.36	-0.02	0.0	100.0	-2149.65	0.23	0.23	0.0	16.08	41.46
4044	2	33.56	12.96	4.21e-03	0.0	0.0	-1740.89	0.19	0.19	0.0	-5.95	14.74
		14.74	-5.95	-0.01	0.0	100.0	-1737.34	0.19	0.19	0.0	12.96	33.56
4044	3	31.15	12.08	3.94e-03	0.0	0.0	-1619.73	0.17	0.18	0.0	-5.54	13.77
		13.77	-5.54	-0.01	0.0	100.0	-1616.18	0.17	0.18	0.0	12.08	31.15
4044	4	26.34	10.39	3.41e-03	0.0	0.0	-1377.59	0.14	0.15	0.0	-4.72	11.85
		11.85	-4.72	-9.96e-03	0.0	100.0	-1374.03	0.14	0.15	0.0	10.39	26.34
4044	5	26.34	10.39	3.41e-03	0.0	0.0	-1377.59	0.14	0.15	0.0	-4.72	11.85
		11.85	-4.72	-9.96e-03	0.0	100.0	-1374.03	0.14	0.15	0.0	10.39	26.34
4045	1	-14.96	21.15	-3.67e-03	0.0	0.0	-2178.75	-0.20	0.16	0.0	4.68	-14.96
		-35.35	4.68	-0.01	0.0	100.0	-2174.13	-0.20	0.16	0.0	21.15	-35.35
4045	2	-12.03	17.00	-2.93e-03	0.0	0.0	-1760.70	-0.17	0.13	0.0	3.75	-12.03
		-28.64	3.75	-0.01	0.0	100.0	-1757.14	-0.17	0.13	0.0	17.00	-28.64
4045	3	-11.28	15.93	-2.77e-03	0.0	0.0	-1638.37	-0.15	0.12	0.0	3.54	-11.28
		-26.55	3.54	-0.01	0.0	100.0	-1634.82	-0.15	0.12	0.0	15.93	-26.55
4045	4	-9.75	13.75	-2.43e-03	0.0	0.0	-1393.12	-0.13	0.11	0.0	3.07	-9.75
		-22.34	3.07	-9.10e-03	0.0	100.0	-1389.56	-0.13	0.11	0.0	13.75	-22.34
4045	5	-9.75	13.75	-2.43e-03	0.0	0.0	-1393.12	-0.13	0.11	0.0	3.07	-9.75
		-22.34	3.07	-9.10e-03	0.0	100.0	-1389.56	-0.13	0.11	0.0	13.75	-22.34
4046	1	-20.10	68.42	-5.36e-03	0.0	0.0	-1372.76	-0.21	-0.83	0.0	68.42	-20.10
		-41.28	-14.29	-1.58e-03	0.0	100.0	-1368.13	-0.21	-0.83	0.0	-14.29	-41.28
4046	2	-16.18	55.01	-4.30e-03	0.0	0.0	-1109.04	-0.17	-0.67	0.0	55.01	-16.18
		-33.43	-11.66	-1.27e-03	0.0	100.0	-1105.49	-0.17	-0.67	0.0	-11.66	-33.43
4046	3	-15.14	51.60	-4.05e-03	0.0	0.0	-1032.41	-0.16	-0.62	0.0	51.60	-15.14
		-31.01	-10.70	-1.19e-03	0.0	100.0	-1028.85	-0.16	-0.62	0.0	-10.70	-31.01
4046	4	-13.06	44.69	-3.52e-03	0.0	0.0	-879.07	-0.13	-0.54	0.0	44.69	-13.06
		-26.17	-8.83	-1.02e-03	0.0	100.0	-875.51	-0.13	-0.54	0.0	-8.83	-26.17
4046	5	-13.06	44.69	-3.52e-03	0.0	0.0	-879.07	-0.13	-0.54	0.0	44.69	-13.06
		-26.17	-8.83	-1.02e-03	0.0	100.0	-875.51	-0.13	-0.54	0.0	-8.83	-26.17
4047	1	45.96	11.50	7.54e-03	0.0	0.0	-1370.95	0.17	-0.13	0.0	11.50	28.75
		28.75	-1.80	-0.01	0.0	100.0	-1366.33	0.17	-0.13	0.0	-1.80	45.96
4047	2	37.16	9.21	6.08e-03	0.0	0.0	-1107.73	0.14	-0.11	0.0	9.21	23.21
		23.21	-1.47	-9.71e-03	0.0	100.0	-1104.17	0.14	-0.11	0.0	-1.47	37.16
4047	3	34.55	8.66	5.67e-03	0.0	0.0	-1030.99	0.13	-0.10	0.0	8.66	21.63
		21.63	-1.40	-9.08e-03	0.0	100.0	-1027.44	0.13	-0.10	0.0	-1.40	34.55
4047	4	29.32	7.59	4.88e-03	0.0	0.0	-877.51	0.11	-0.09	0.0	7.59	18.50
		18.50	-1.17	-7.80e-03	0.0	100.0	-873.96	0.11	-0.09	0.0	-1.17	29.32
4047	5	29.32	7.59	4.88e-03	0.0	0.0	-877.51	0.11	-0.09	0.0	7.59	18.50
		18.50	-1.17	-7.80e-03	0.0	100.0	-873.96	0.11	-0.09	0.0	-1.17	29.32
4048	1	39.17	15.11	5.87e-03	0.0	0.0	-2125.84	0.16	0.21	0.0	-5.56	23.65
		23.65	-5.56	-0.02	0.0	100.0	-2121.22	0.16	0.21	0.0	15.11	39.17
4048	2	31.67	12.17	4.73e-03	0.0	0.0	-1717.99	0.13	0.17	0.0	-4.51	19.10
		19.10	-4.51	-0.01	0.0	100.0	-1714.43	0.13	0.17	0.0	12.17	31.67
4048	3	29.45	11.33	4.42e-03	0.0	0.0	-1598.54	0.12	0.16	0.0	-4.18	17.79
		17.79	-4.18	-0.01	0.0	100.0	-1594.99	0.12	0.16	0.0	11.33	29.45
4048	4	24.99	9.74	3.79e-03	0.0	0.0	-1359.43	0.10	0.13	0.0	-3.53	15.20
		15.20	-3.53	-9.87e-03	0.0	100.0	-1355.87	0.10	0.13	0.0	9.74	24.99
4048	5	24.99	9.74	3.79e-03	0.0	0.0	-1359.43	0.10	0.13	0.0	-3.53	15.20
		15.20	-3.53	-9.87e-03	0.0	100.0	-1355.87	0.10	0.13	0.0	9.74	24.99
4049	1	-2.17	21.13	-9.23e-04	0.0	0.0	-2028.05	-0.49	0.15	0.0	6.39	-2.17
		-51.61	6.39	-0.01	0.0	100.0	-2023.43	-0.49	0.15	0.0	21.13	-51.61
4049	2	-1.67	17.01	7.60e-04	0.0	0.0	-1639.36	-0.40	0.12	0.0	5.11	-1.67
		-41.82	5.11	-0.01	0.0	100.0	-1635.80	-0.40	0.12	0.0	17.01	-41.82
4049	3	-1.67	15.91	-7.10e-04	0.0	0.0	-1525.14	-0.37	0.11	0.0	4.84	-1.67
		-38.76	4.84	-0.01	0.0	100.0	-1521.58	-0.37	0.11	0.0	15.91	-38.76
4049	4	-1.64	13.69	-6.94e-04	0.0	0.0	-1296.65	-0.31	0.09	0.0	4.23	-1.64
		-32.67	4.23	-9.04e-03	0.0	100.0	-1293.09	-0.31	0.09	0.0	13.69	-32.67
4049	5	-1.64	13.69	-6.94e-04	0.0	0.0	-1296.65	-0.31	0.09	0.0	4.23	-1.64
		-32.67	4.23	-9.04e-03	0.0	100.0	-1293.09	-0.31	0.09	0.0	13.69	-32.67
4050	1	-5.98	68.68	-1.92e-03	0.0	0.0	-1400.56	-0.56	-0.84	0.0	68.68	-5.98
		-61.71	-15.27	-1.52e-03	0.0	100.0	-1395.93	-0.56	-0.84	0.0	-15.27	-61.71
4050	2	-4.75	55.22	-1.52e-03	0.0	0.0	-1131.37	-0.45	-0.68	0.0	55.22	-4.75
		-49.97	-12.45	-1.23e-03	0.0	100.0	-1127.81	-0.45	-0.68	0.0	-12.45	-49.97
4050	3	-4.54	51.79	-1.46e-03	0.0	0.0	-1053.38	-0.42	-0.63	0.0	51.79	-4.54
		-46.37	-11.44	-1.14e-03	0.0	100.0	-1049.82	-0.42	-0.63	0.0	-11.44	-46.37
4050	4	-4.09	44.86	-1.34e-03	0.0	0.0	-897.45	-0.35	-0.54	0.0	44.86	-4.09
		-39.20	-9.46	-9.85e-04	0.0	100.0	-893.89	-0.35	-0.54	0.0	-9.46	-39.20



4050	5	-4.09	44.86	-1.34e-03	0.0	0.0	-897.45	-0.35	-0.54	0.0	44.86	-4.09
		-39.20	-9.46	-9.85e-04	0.0	100.0	-893.89	-0.35	-0.54	0.0	-9.46	-39.20
4051	1	47.37	13.34	8.63e-03	0.0	0.0	-1364.33	0.18	-0.16	0.0	13.34	29.40
		29.40	-3.11	-0.01	0.0	100.0	-1359.71	0.18	-0.16	0.0	-3.11	47.37
4051	2	38.32	10.70	6.96e-03	0.0	0.0	-1102.03	0.15	-0.13	0.0	10.70	23.71
		23.71	-2.52	-9.66e-03	0.0	100.0	-1098.48	0.15	-0.13	0.0	-2.52	38.32
4051	3	35.60	10.04	6.49e-03	0.0	0.0	-1026.14	0.13	-0.12	0.0	10.04	22.12
		22.12	-2.38	-9.03e-03	0.0	100.0	-1022.59	0.13	-0.12	0.0	-2.38	35.60
4051	4	30.15	8.76	5.57e-03	0.0	0.0	-874.36	0.11	-0.11	0.0	8.76	18.94
		18.94	-2.01	-7.76e-03	0.0	100.0	-870.81	0.11	-0.11	0.0	-2.01	30.15
4051	5	30.15	8.76	5.57e-03	0.0	0.0	-874.36	0.11	-0.11	0.0	8.76	18.94
		18.94	-2.01	-7.76e-03	0.0	100.0	-870.81	0.11	-0.11	0.0	-2.01	30.15
4052	1	44.07	14.23	6.76e-03	0.0	0.0	-2119.17	0.20	0.19	0.0	-4.98	24.04
		24.04	-4.98	-0.02	0.0	100.0	-2114.55	0.20	0.19	0.0	14.23	44.07
4052	2	35.67	11.46	5.44e-03	0.0	0.0	-1713.08	0.16	0.15	0.0	-4.04	19.38
		19.38	-4.04	-0.01	0.0	100.0	-1709.52	0.16	0.15	0.0	11.46	35.67
4052	3	33.11	10.66	5.09e-03	0.0	0.0	-1593.22	0.15	0.14	0.0	-3.74	18.08
		18.08	-3.74	-0.01	0.0	100.0	-1589.67	0.15	0.14	0.0	10.66	33.11
4052	4	27.99	9.16	4.38e-03	0.0	0.0	-1353.47	0.12	0.12	0.0	-3.16	15.50
		15.50	-3.16	-9.84e-03	0.0	100.0	-1349.91	0.12	0.12	0.0	9.16	27.99
4052	5	27.99	9.16	4.38e-03	0.0	0.0	-1353.47	0.12	0.12	0.0	-3.16	15.50
		15.50	-3.16	-9.84e-03	0.0	100.0	-1349.91	0.12	0.12	0.0	9.16	27.99
4053	1	-20.37	21.08	-4.66e-03	0.0	0.0	-2099.09	-0.18	0.12	0.0	9.16	-20.37
		-38.15	9.16	-0.01	0.0	100.0	-2094.47	-0.18	0.12	0.0	21.08	-38.15
4053	2	-16.42	16.98	-3.75e-03	0.0	0.0	-1697.14	-0.14	0.10	0.0	7.33	-16.42
		-30.90	7.33	-0.01	0.0	100.0	-1693.59	-0.14	0.10	0.0	16.98	-30.90
4053	3	-15.34	15.88	-3.51e-03	0.0	0.0	-1577.83	-0.13	0.09	0.0	6.92	-15.34
		-28.67	6.92	-0.01	0.0	100.0	-1574.28	-0.13	0.09	0.0	15.88	-28.67
4053	4	-13.16	13.62	-3.04e-03	0.0	0.0	-1339.75	-0.11	0.08	0.0	6.07	-13.16
		-24.19	6.07	-8.99e-03	0.0	100.0	-1336.19	-0.11	0.08	0.0	13.62	-24.19
4053	5	-13.16	13.62	-3.04e-03	0.0	0.0	-1339.75	-0.11	0.08	0.0	6.07	-13.16
		-24.19	6.07	-8.99e-03	0.0	100.0	-1336.19	-0.11	0.08	0.0	13.62	-24.19
4054	1	-26.04	67.36	-6.67e-03	0.0	0.0	-1348.86	-0.15	-0.83	0.0	67.36	-26.04
		-40.97	-15.87	-1.43e-03	0.0	100.0	-1344.24	-0.15	-0.83	0.0	-15.87	-40.97
4054	2	-21.00	54.16	-5.37e-03	0.0	0.0	-1089.56	-0.12	-0.67	0.0	54.16	-21.00
		-33.18	-12.94	-1.15e-03	0.0	100.0	-1086.00	-0.12	-0.67	0.0	-12.94	-33.18
4054	3	-19.61	50.80	-5.02e-03	0.0	0.0	-1014.45	-0.11	-0.63	0.0	50.80	-19.61
		-30.79	-11.89	-1.07e-03	0.0	100.0	-1010.89	-0.11	-0.63	0.0	-11.89	-30.79
4054	4	-16.82	44.01	-4.34e-03	0.0	0.0	-864.26	-0.09	-0.54	0.0	44.01	-16.82
		-26.00	-9.85	-9.24e-04	0.0	100.0	-860.71	-0.09	-0.54	0.0	-9.85	-26.00
4054	5	-16.82	44.01	-4.34e-03	0.0	0.0	-864.26	-0.09	-0.54	0.0	44.01	-16.82
		-26.00	-9.85	-9.24e-04	0.0	100.0	-860.71	-0.09	-0.54	0.0	-9.85	-26.00
4055	1	45.58	15.45	8.53e-03	0.0	0.0	-1392.66	0.17	-0.20	0.0	15.45	28.50
		28.50	-4.79	-0.01	0.0	100.0	-1388.04	0.17	-0.20	0.0	-4.79	45.58
4055	2	36.87	12.41	6.88e-03	0.0	0.0	-1124.89	0.14	-0.16	0.0	12.41	22.99
		22.99	-3.88	-9.58e-03	0.0	100.0	-1121.34	0.14	-0.16	0.0	-3.88	36.87
4055	3	34.25	11.63	6.41e-03	0.0	0.0	-1047.45	0.13	-0.15	0.0	11.63	21.45
		21.45	-3.65	-8.96e-03	0.0	100.0	-1043.89	0.13	-0.15	0.0	-3.65	34.25
4055	4	29.02	10.11	5.50e-03	0.0	0.0	-892.55	0.11	-0.13	0.0	10.11	18.36
		18.36	-3.10	-7.70e-03	0.0	100.0	-889.00	0.11	-0.13	0.0	-3.10	29.02
4055	5	29.02	10.11	5.50e-03	0.0	0.0	-892.55	0.11	-0.13	0.0	10.11	18.36
		18.36	-3.10	-7.70e-03	0.0	100.0	-889.00	0.11	-0.13	0.0	-3.10	29.02
4056	1	42.09	14.70	6.66e-03	0.0	0.0	-2146.63	0.19	0.21	0.0	-6.67	23.10
		23.10	-6.67	-0.02	0.0	100.0	-2142.01	0.19	0.21	0.0	14.70	42.09
4056	2	34.06	11.84	5.37e-03	0.0	0.0	-1735.32	0.15	0.17	0.0	-5.39	18.63
		18.63	-5.39	-0.01	0.0	100.0	-1731.77	0.15	0.17	0.0	11.84	34.06
4056	3	31.62	11.01	5.01e-03	0.0	0.0	-1613.89	0.14	0.16	0.0	-5.02	17.38
		17.38	-5.02	-0.01	0.0	100.0	-1610.33	0.14	0.16	0.0	11.01	31.62
4056	4	26.75	9.45	4.30e-03	0.0	0.0	-1371.03	0.12	0.14	0.0	-4.27	14.89
		14.89	-4.27	-9.81e-03	0.0	100.0	-1367.48	0.12	0.14	0.0	9.45	26.75
4056	5	26.75	9.45	4.30e-03	0.0	0.0	-1371.03	0.12	0.14	0.0	-4.27	14.89
		14.89	-4.27	-9.81e-03	0.0	100.0	-1367.48	0.12	0.14	0.0	9.45	26.75
4057	1	-21.53	20.70	-4.87e-03	0.0	0.0	-2119.79	-0.19	0.13	0.0	7.61	-21.53
		-40.47	7.61	-0.01	0.0	100.0	-2115.16	-0.19	0.13	0.0	20.70	-40.47
4057	2	-17.36	16.67	-3.91e-03	0.0	0.0	-1713.72	-0.15	0.11	0.0	6.11	-17.36
		-32.77	6.11	-0.01	0.0	100.0	-1710.17	-0.15	0.11	0.0	16.67	-32.77
4057	3	-16.21	15.61	-3.67e-03	0.0	0.0	-1593.71	-0.14	0.10	0.0	5.73	-16.21
		-30.40	5.73	-0.01	0.0	100.0	-1590.15	-0.14	0.10	0.0	15.61	-30.40
4057	4	-13.91	13.39	-3.18e-03	0.0	0.0	-1353.56	-0.12	0.08	0.0	4.96	-13.91
		-25.65	4.96	-8.91e-03	0.0	100.0	-1350.01	-0.12	0.08	0.0	13.39	-25.65
4057	5	-13.91	13.39	-3.18e-03	0.0	0.0	-1353.56	-0.12	0.08	0.0	4.96	-13.91
		-25.65	4.96	-8.91e-03	0.0	100.0	-1350.01	-0.12	0.08	0.0	13.39	-25.65
4058	1	-27.20	65.47	-6.89e-03	0.0	0.0	-1341.97	-0.16	-0.82	0.0	65.47	-27.20
		-43.16	-16.11	-1.34e-03	0.0	100.0	-1337.35	-0.16	-0.82	0.0	-16.11	-43.16
4058	2	-21.94	52.64	-5.55e-03	0.0	0.0	-1084.03	-0.13	-0.66	0.0	52.64	-21.94
		-34.94	-13.13	-1.08e-03	0.0	100.0	-1080.48	-0.13	-0.66	0.0	-13.13	-34.94
4058	3	-20.48	49.37	-5.19e-03	0.0	0.0	-1009.28	-0.12	-0.61	0.0	49.37	-20.48

4058	4	-32.43	-12.07	-1.01e-03	0.0	100.0	-1005.72	-0.12	-0.61	0.0	-12.07	-32.43
		-17.55	42.75	-4.48e-03	0.0	0.0	-859.77	-0.10	-0.53	0.0	42.75	-17.55
		-27.40	-10.00	-8.70e-04	0.0	100.0	-856.22	-0.10	-0.53	0.0	-10.00	-27.40
4058	5	-17.55	42.75	-4.48e-03	0.0	0.0	-859.77	-0.10	-0.53	0.0	42.75	-17.55
		-27.40	-10.00	-8.70e-04	0.0	100.0	-856.22	-0.10	-0.53	0.0	-10.00	-27.40
4059	1	43.08	17.99	6.82e-03	0.0	0.0	-1462.29	0.22	-0.25	0.0	17.99	21.01
		21.01	-6.88	-0.01	0.0	100.0	-1457.67	0.22	-0.25	0.0	-6.88	43.08
4059	2	34.87	14.46	5.49e-03	0.0	0.0	-1181.26	0.18	-0.20	0.0	14.46	16.94
		16.94	-5.57	-9.47e-03	0.0	100.0	-1177.70	0.18	-0.20	0.0	-5.57	34.87
4059	3	32.38	13.54	5.13e-03	0.0	0.0	-1099.78	0.17	-0.19	0.0	13.54	15.82
		15.82	-5.22	-8.86e-03	0.0	100.0	-1096.22	0.17	-0.19	0.0	-5.22	32.38
4059	4	27.38	11.73	4.43e-03	0.0	0.0	-936.82	0.14	-0.16	0.0	11.73	13.59
		13.59	-4.44	-7.61e-03	0.0	100.0	-933.26	0.14	-0.16	0.0	-4.44	27.38
4059	5	27.38	11.73	4.43e-03	0.0	0.0	-936.82	0.14	-0.16	0.0	11.73	13.59
		13.59	-4.44	-7.61e-03	0.0	100.0	-933.26	0.14	-0.16	0.0	-4.44	27.38
4060	1	36.96	16.74	4.98e-03	0.0	0.0	-2223.71	0.21	0.26	0.0	-9.69	15.52
		15.52	-9.69	-0.02	0.0	100.0	-2219.09	0.21	0.26	0.0	16.74	36.96
4060	2	29.93	13.48	4.01e-03	0.0	0.0	-1797.05	0.17	0.21	0.0	-7.83	12.51
		12.51	-7.83	-0.01	0.0	100.0	-1793.50	0.17	0.21	0.0	13.48	29.93
4060	3	27.78	12.55	3.75e-03	0.0	0.0	-1671.97	0.16	0.20	0.0	-7.29	11.69
		11.69	-7.29	-0.01	0.0	100.0	-1668.41	0.16	0.20	0.0	12.55	27.78
4060	4	23.45	10.76	3.24e-03	0.0	0.0	-1422.05	0.13	0.17	0.0	-6.23	10.05
		10.05	-6.23	-9.80e-03	0.0	100.0	-1418.50	0.13	0.17	0.0	10.76	23.45
4060	5	23.45	10.76	3.24e-03	0.0	0.0	-1422.05	0.13	0.17	0.0	-6.23	10.05
		10.05	-6.23	-9.80e-03	0.0	100.0	-1418.50	0.13	0.17	0.0	10.76	23.45
4061	1	-19.22	19.60	-4.52e-03	0.0	0.0	-2197.95	-0.21	0.15	0.0	4.71	-19.22
		-39.88	4.71	-0.01	0.0	100.0	-2193.33	-0.21	0.15	0.0	19.60	-39.88
4061	2	-15.47	15.78	-3.63e-03	0.0	0.0	-1776.19	-0.17	0.12	0.0	3.80	-15.47
		-32.31	3.80	-0.01	0.0	100.0	-1772.64	-0.17	0.12	0.0	15.78	-32.31
4061	3	-14.48	14.78	-3.41e-03	0.0	0.0	-1652.93	-0.15	0.11	0.0	3.55	-14.48
		-29.94	3.55	-0.01	0.0	100.0	-1649.38	-0.15	0.11	0.0	14.78	-29.94
4061	4	-12.51	12.68	-2.98e-03	0.0	0.0	-1405.98	-0.13	0.10	0.0	3.01	-12.51
		-25.23	3.01	-8.81e-03	0.0	100.0	-1402.42	-0.13	0.10	0.0	12.68	-25.23
4061	5	-12.51	12.68	-2.98e-03	0.0	0.0	-1405.98	-0.13	0.10	0.0	3.01	-12.51
		-25.23	3.01	-8.81e-03	0.0	100.0	-1402.42	-0.13	0.10	0.0	12.68	-25.23
4062	1	-24.52	62.59	-6.26e-03	0.0	0.0	-1352.57	-0.21	-0.78	0.0	62.59	-24.52
		-45.91	-15.89	-1.26e-03	0.0	100.0	-1347.94	-0.21	-0.78	0.0	-15.89	-45.91
4062	2	-19.74	50.33	-5.03e-03	0.0	0.0	-1092.74	-0.17	-0.63	0.0	50.33	-19.74
		-37.17	-12.95	-1.01e-03	0.0	100.0	-1089.18	-0.17	-0.63	0.0	-12.95	-37.17
4062	3	-18.47	47.20	-4.72e-03	0.0	0.0	-1017.16	-0.16	-0.59	0.0	47.20	-18.47
		-34.48	-11.89	-9.46e-04	0.0	100.0	-1013.60	-0.16	-0.59	0.0	-11.89	-34.48
4062	4	-15.91	40.86	-4.10e-03	0.0	0.0	-866.06	-0.13	-0.51	0.0	40.86	-15.91
		-29.12	-9.85	-8.12e-04	0.0	100.0	-862.50	-0.13	-0.51	0.0	-9.85	-29.12
4062	5	-15.91	40.86	-4.10e-03	0.0	0.0	-866.06	-0.13	-0.51	0.0	40.86	-15.91
		-29.12	-9.85	-8.12e-04	0.0	100.0	-862.50	-0.13	-0.51	0.0	-9.85	-29.12
4063	1	38.57	20.79	6.38e-03	0.0	0.0	-1423.61	0.21	-0.30	0.0	20.79	17.68
		17.68	-9.11	-0.01	0.0	100.0	-1418.99	0.21	-0.30	0.0	-9.11	38.57
4063	2	31.25	16.73	5.14e-03	0.0	0.0	-1150.05	0.17	-0.24	0.0	16.73	14.26
		14.26	-7.37	-9.34e-03	0.0	100.0	-1146.49	0.17	-0.24	0.0	-7.37	31.25
4063	3	28.97	15.65	4.80e-03	0.0	0.0	-1070.64	0.16	-0.23	0.0	15.65	13.31
		13.31	-6.91	-8.73e-03	0.0	100.0	-1067.08	0.16	-0.23	0.0	-6.91	28.97
4063	4	24.43	13.52	4.14e-03	0.0	0.0	-911.85	0.13	-0.19	0.0	13.52	11.42
		11.42	-5.87	-7.51e-03	0.0	100.0	-908.29	0.13	-0.19	0.0	-5.87	24.43
4063	5	24.43	13.52	4.14e-03	0.0	0.0	-911.85	0.13	-0.19	0.0	13.52	11.42
		11.42	-5.87	-7.51e-03	0.0	100.0	-908.29	0.13	-0.19	0.0	-5.87	24.43
4064	1	33.06	18.57	4.23e-03	0.0	0.0	-2100.50	0.22	0.31	0.0	-12.85	11.51
		11.51	-12.85	-0.02	0.0	100.0	-2095.88	0.22	0.31	0.0	18.57	33.06
4064	2	26.80	14.97	3.40e-03	0.0	0.0	-1697.67	0.18	0.25	0.0	-10.40	9.27
		9.27	-10.40	-0.01	0.0	100.0	-1694.11	0.18	0.25	0.0	14.97	26.80
4064	3	24.82	13.93	3.18e-03	0.0	0.0	-1579.41	0.16	0.24	0.0	-9.68	8.66
		8.66	-9.68	-0.01	0.0	100.0	-1575.85	0.16	0.24	0.0	13.93	24.82
4064	4	20.88	11.92	2.75e-03	0.0	0.0	-1342.88	0.13	0.20	0.0	-8.20	7.45
		7.45	-8.20	-9.81e-03	0.0	100.0	-1339.32	0.13	0.20	0.0	11.92	20.88
4064	5	20.88	11.92	2.75e-03	0.0	0.0	-1342.88	0.13	0.20	0.0	-8.20	7.45
		7.45	-8.20	-9.81e-03	0.0	100.0	-1339.32	0.13	0.20	0.0	11.92	20.88
4065	1	-24.44	20.03	-5.76e-03	0.0	0.0	-2076.60	-0.18	0.20	0.0	-0.07	-24.44
		-42.77	-0.07	-0.01	0.0	100.0	-2071.98	-0.18	0.20	0.0	20.03	-42.77
4065	2	-19.69	16.14	-4.63e-03	0.0	0.0	-1678.63	-0.15	0.16	0.0	-0.07	-19.69
		-34.62	-0.07	-0.01	0.0	100.0	-1675.07	-0.15	0.16	0.0	16.14	-34.62
4065	3	-18.42	15.11	-4.35e-03	0.0	0.0	-1560.99	-0.14	0.15	0.0	-0.06	-18.42
		-32.15	-0.06	-0.01	0.0	100.0	-1557.43	-0.14	0.15	0.0	15.11	-32.15
4065	4	-15.87	12.94	-3.78e-03	0.0	0.0	-1326.24	-0.11	0.13	0.0	-0.06	-15.87
		-27.15	-0.06	-8.71e-03	0.0	100.0	-1322.68	-0.11	0.13	0.0	12.94	-27.15
4065	5	-15.87	12.94	-3.78e-03	0.0	0.0	-1326.24	-0.11	0.13	0.0	-0.06	-15.87
		-27.15	-0.06	-8.71e-03	0.0	100.0	-1322.68	-0.11	0.13	0.0	12.94	-27.15
4066	1	-30.57	58.89	-8.01e-03	0.0	0.0	-1325.13	-0.16	-0.74	0.0	58.89	-30.57
		-46.73	-15.29	-1.16e-03	0.0	100.0	-1320.50	-0.16	-0.74	0.0	-15.29	-46.73



4066	2	-24.62	47.36	-6.44e-03	0.0	0.0	-1070.70	-0.13	-0.60	0.0	47.36	-24.62
		-37.83	-12.47	-9.36e-04	0.0	100.0	-1067.15	-0.13	-0.60	0.0	-12.47	-37.83
4066	3	-23.02	44.40	-6.04e-03	0.0	0.0	-996.55	-0.12	-0.56	0.0	44.40	-23.02
		-35.14	-11.43	-8.73e-04	0.0	100.0	-993.00	-0.12	-0.56	0.0	-11.43	-35.14
4066	4	-19.81	38.44	-5.23e-03	0.0	0.0	-848.09	-0.10	-0.48	0.0	38.44	-19.81
		-29.70	-9.46	-7.49e-04	0.0	100.0	-844.53	-0.10	-0.48	0.0	-9.46	-29.70
4066	5	-19.81	38.44	-5.23e-03	0.0	0.0	-848.09	-0.10	-0.48	0.0	38.44	-19.81
		-29.70	-9.46	-7.49e-04	0.0	100.0	-844.53	-0.10	-0.48	0.0	-9.46	-29.70
4067	1	30.41	30.97	7.32e-03	0.0	0.0	-1120.27	0.12	-0.44	0.0	30.97	18.28
		18.28	-13.06	-0.01	0.0	100.0	-1115.64	0.12	-0.44	0.0	-13.06	30.41
4067	2	24.64	24.95	5.91e-03	0.0	0.0	-905.55	0.10	-0.36	0.0	24.95	14.77
		14.77	-10.56	-9.21e-03	0.0	100.0	-901.99	0.10	-0.36	0.0	-10.56	24.64
4067	3	22.84	23.31	5.50e-03	0.0	0.0	-842.26	0.09	-0.33	0.0	23.31	13.74
		13.74	-9.89	-8.60e-03	0.0	100.0	-838.70	0.09	-0.33	0.0	-9.89	22.84
4067	4	19.22	20.07	4.70e-03	0.0	0.0	-715.70	0.08	-0.28	0.0	20.07	11.67
		11.67	-8.42	-7.39e-03	0.0	100.0	-712.15	0.08	-0.28	0.0	-8.42	19.22
4067	5	19.22	20.07	4.70e-03	0.0	0.0	-715.70	0.08	-0.28	0.0	20.07	11.67
		11.67	-8.42	-7.39e-03	0.0	100.0	-712.15	0.08	-0.28	0.0	-8.42	19.22
4068	1	31.99	15.17	3.95e-03	0.0	0.0	-1745.21	0.22	0.15	0.0	0.49	9.81
		9.81	0.49	-0.02	0.0	100.0	-1740.59	0.22	0.15	0.0	15.17	31.99
4068	2	25.91	12.22	3.19e-03	0.0	0.0	-1411.87	0.18	0.12	0.0	0.36	7.95
		7.95	0.36	-0.01	0.0	100.0	-1408.31	0.18	0.12	0.0	12.22	25.91
4068	3	24.02	11.37	2.97e-03	0.0	0.0	-1311.63	0.17	0.11	0.0	0.36	7.37
		7.37	0.36	-0.01	0.0	100.0	-1308.08	0.17	0.11	0.0	11.37	24.02
4068	4	20.25	9.72	2.53e-03	0.0	0.0	-1111.18	0.14	0.09	0.0	0.39	6.23
		6.23	0.39	-9.81e-03	0.0	100.0	-1107.62	0.14	0.09	0.0	9.72	20.25
4068	5	20.25	9.72	2.53e-03	0.0	0.0	-1111.18	0.14	0.09	0.0	0.39	6.23
		6.23	0.39	-9.81e-03	0.0	100.0	-1107.62	0.14	0.09	0.0	9.72	20.25
4069	1	-38.16	20.68	-9.19e-03	0.0	0.0	-2089.03	-0.06	0.23	0.0	-2.22	-38.16
		-44.03	-2.22	-0.01	0.0	100.0	-2084.41	-0.06	0.23	0.0	20.68	-44.03
4069	2	-30.75	16.66	-7.40e-03	0.0	0.0	-1689.27	-0.05	0.18	0.0	-1.81	-30.75
		-35.64	-1.81	-0.01	0.0	100.0	-1685.72	-0.05	0.18	0.0	16.66	-35.64
4069	3	-28.74	15.59	-6.93e-03	0.0	0.0	-1570.45	-0.04	0.17	0.0	-1.67	-28.74
		-33.09	-1.67	-0.01	0.0	100.0	-1566.89	-0.04	0.17	0.0	15.59	-33.09
4069	4	-24.70	13.33	-5.97e-03	0.0	0.0	-1332.61	-0.03	0.15	0.0	-1.43	-24.70
		-27.95	-1.43	-8.64e-03	0.0	100.0	-1329.06	-0.03	0.15	0.0	13.33	-27.95
4069	5	-24.70	13.33	-5.97e-03	0.0	0.0	-1332.61	-0.03	0.15	0.0	-1.43	-24.70
		-27.95	-1.43	-8.64e-03	0.0	100.0	-1329.06	-0.03	0.15	0.0	13.33	-27.95
4070	1	-42.49	55.35	-0.01	0.0	0.0	-1334.09	-0.07	-0.70	0.0	55.35	-42.49
		-49.44	-14.78	-1.06e-03	0.0	100.0	-1329.46	-0.07	-0.70	0.0	-14.78	-49.44
4070	2	-34.25	44.51	-8.50e-03	0.0	0.0	-1077.77	-0.06	-0.57	0.0	44.51	-34.25
		-40.00	-12.07	-8.58e-04	0.0	100.0	-1074.21	-0.06	-0.57	0.0	-12.07	-40.00
4070	3	-31.99	41.72	-7.95e-03	0.0	0.0	-1003.31	-0.05	-0.53	0.0	41.72	-31.99
		-37.17	-11.04	-8.00e-04	0.0	100.0	-999.76	-0.05	-0.53	0.0	-11.04	-37.17
4070	4	-27.46	36.13	-6.84e-03	0.0	0.0	-854.42	-0.04	-0.45	0.0	36.13	-27.46
		-31.46	-9.13	-6.85e-04	0.0	100.0	-850.86	-0.04	-0.45	0.0	-9.13	-31.46
4070	5	-27.46	36.13	-6.84e-03	0.0	0.0	-854.42	-0.04	-0.45	0.0	36.13	-27.46
		-31.46	-9.13	-6.85e-04	0.0	100.0	-850.86	-0.04	-0.45	0.0	-9.13	-31.46
4071	1	39.90	25.21	5.61e-03	0.0	0.0	-1220.74	0.24	-0.37	0.0	25.21	16.08
		16.08	-11.93	-0.01	0.0	100.0	-1216.11	0.24	-0.37	0.0	-11.93	39.90
4071	2	32.30	20.33	4.53e-03	0.0	0.0	-986.68	0.19	-0.30	0.0	20.33	13.02
		13.02	-9.66	-9.08e-03	0.0	100.0	-983.12	0.19	-0.30	0.0	-9.66	32.30
4071	3	29.97	18.97	4.22e-03	0.0	0.0	-917.85	0.18	-0.28	0.0	18.97	12.08
		12.08	-9.05	-8.49e-03	0.0	100.0	-914.30	0.18	-0.28	0.0	-9.05	29.97
4071	4	25.33	16.25	3.59e-03	0.0	0.0	-780.23	0.15	-0.24	0.0	16.25	10.21
		10.21	-7.67	-7.30e-03	0.0	100.0	-776.67	0.15	-0.24	0.0	-7.67	25.33
4071	5	25.33	16.25	3.59e-03	0.0	0.0	-780.23	0.15	-0.24	0.0	16.25	10.21
		10.21	-7.67	-7.30e-03	0.0	100.0	-776.67	0.15	-0.24	0.0	-7.67	25.33
4072	1	37.22	12.93	3.33e-03	0.0	0.0	-1991.19	0.27	0.03	0.0	10.21	9.75
		9.75	10.21	-0.02	0.0	100.0	-1986.57	0.27	0.03	0.0	12.93	37.22
4072	2	30.14	10.41	2.69e-03	0.0	0.0	-1610.22	0.22	0.02	0.0	8.23	7.92
		7.92	8.23	-0.01	0.0	100.0	-1606.67	0.22	0.02	0.0	10.41	30.14
4072	3	27.96	9.68	2.50e-03	0.0	0.0	-1496.73	0.21	0.02	0.0	7.65	7.32
		7.32	7.65	-0.01	0.0	100.0	-1493.18	0.21	0.02	0.0	9.68	27.96
4072	4	23.63	8.29	2.12e-03	0.0	0.0	-1269.76	0.17	0.02	0.0	6.55	6.14
		6.14	6.55	-9.80e-03	0.0	100.0	-1266.21	0.17	0.02	0.0	8.29	23.63
4072	5	23.63	8.29	2.12e-03	0.0	0.0	-1269.76	0.17	0.02	0.0	6.55	6.14
		6.14	6.55	-9.80e-03	0.0	100.0	-1266.21	0.17	0.02	0.0	8.29	23.63
4073	1	-36.17	21.61	-8.63e-03	0.0	0.0	-2120.18	-0.12	0.30	0.0	-8.73	-36.17
		-48.17	-8.73	-0.01	0.0	100.0	-2115.56	-0.12	0.30	0.0	21.61	-48.17
4073	2	-29.14	17.42	-6.95e-03	0.0	0.0	-1714.20	-0.10	0.24	0.0	-7.02	-29.14
		-39.01	-7.02	-0.01	0.0	100.0	-1710.65	-0.10	0.24	0.0	17.42	-39.01
4073	3	-27.24	16.29	-6.51e-03	0.0	0.0	-1593.84	-0.09	0.23	0.0	-6.58	-27.24
		-36.20	-6.58	-9.95e-03	0.0	100.0	-1590.28	-0.09	0.23	0.0	16.29	-36.20
4073	4	-23.43	13.93	-5.62e-03	0.0	0.0	-1353.29	-0.07	0.20	0.0	-5.76	-23.43
		-30.55	-5.76	-8.56e-03	0.0	100.0	-1349.74	-0.07	0.20	0.0	13.93	-30.55
4073	5	-23.43	13.93	-5.62e-03	0.0	0.0	-1353.29	-0.07	0.20	0.0	-5.76	-23.43

4074	1	-30.55	-5.76	-8.56e-03	0.0	100.0	-1349.74	-0.07	0.20	0.0	13.93	-30.55
		-40.84	51.54	-0.01	0.0	0.0	-1324.70	-0.11	-0.66	0.0	51.54	-40.84
		-51.91	-14.52	-9.58e-04	0.0	100.0	-1320.08	-0.11	-0.66	0.0	-14.52	-51.91
4074	2	-32.92	41.44	-8.23e-03	0.0	0.0	-1070.12	-0.09	-0.53	0.0	41.44	-32.92
		-42.01	-11.85	-7.74e-04	0.0	100.0	-1066.57	-0.09	-0.53	0.0	-11.85	-42.01
4074	3	-30.76	38.84	-7.70e-03	0.0	0.0	-996.25	-0.08	-0.50	0.0	38.84	-30.76
		-39.02	-10.83	-7.21e-04	0.0	100.0	-992.70	-0.08	-0.50	0.0	-10.83	-39.02
4074	4	-26.41	33.63	-6.63e-03	0.0	0.0	-848.53	-0.07	-0.43	0.0	33.63	-26.41
		-33.01	-8.97	-6.16e-04	0.0	100.0	-844.98	-0.07	-0.43	0.0	-8.97	-33.01
4074	5	-26.41	33.63	-6.63e-03	0.0	0.0	-848.53	-0.07	-0.43	0.0	33.63	-26.41
		-33.01	-8.97	-6.16e-04	0.0	100.0	-844.98	-0.07	-0.43	0.0	-8.97	-33.01
4075	1	35.49	10.42	8.21e-03	0.0	0.0	-1509.71	0.10	-0.19	0.0	10.42	25.53
		25.53	-8.43	-0.01	0.0	100.0	-1505.09	0.10	-0.19	0.0	-8.43	35.49
4075	2	28.78	8.44	6.61e-03	0.0	0.0	-1219.13	0.08	-0.15	0.0	8.44	20.60
		20.60	-6.84	-8.97e-03	0.0	100.0	-1215.57	0.08	-0.15	0.0	-6.84	28.78
4075	3	26.64	7.82	6.18e-03	0.0	0.0	-1135.65	0.07	-0.14	0.0	7.82	19.22
		19.22	-6.41	-8.38e-03	0.0	100.0	-1132.10	0.07	-0.14	0.0	-6.41	26.64
4075	4	22.39	6.60	5.32e-03	0.0	0.0	-968.64	0.06	-0.12	0.0	6.60	16.45
		16.45	-5.38	-7.20e-03	0.0	100.0	-965.08	0.06	-0.12	0.0	-5.38	22.39
4075	5	22.39	6.60	5.32e-03	0.0	0.0	-968.64	0.06	-0.12	0.0	6.60	16.45
		16.45	-5.38	-7.20e-03	0.0	100.0	-965.08	0.06	-0.12	0.0	-5.38	22.39
4076	1	33.55	13.62	5.94e-03	0.0	0.0	-2185.62	0.14	-0.02	0.0	13.62	19.37
		19.37	11.81	-0.02	0.0	100.0	-2180.99	0.14	-0.02	0.0	11.81	33.55
4076	2	27.21	11.04	4.78e-03	0.0	0.0	-1766.77	0.12	-0.02	0.0	11.04	15.63
		15.63	9.49	-0.01	0.0	100.0	-1763.21	0.12	-0.02	0.0	9.49	27.21
4076	3	25.18	10.20	4.47e-03	0.0	0.0	-1643.35	0.11	-0.01	0.0	10.20	14.58
		14.58	8.84	-0.01	0.0	100.0	-1639.79	0.11	-0.01	0.0	8.84	25.18
4076	4	21.16	8.58	3.85e-03	0.0	0.0	-1396.39	0.09	-9.93e-03	0.0	8.58	12.47
		12.47	7.59	-9.78e-03	0.0	100.0	-1392.84	0.09	-9.93e-03	0.0	7.59	21.16
4076	5	21.16	8.58	3.85e-03	0.0	0.0	-1396.39	0.09	-9.93e-03	0.0	8.58	12.47
		12.47	7.59	-9.78e-03	0.0	100.0	-1392.84	0.09	-9.93e-03	0.0	7.59	21.16
4077	1	-26.15	23.03	-6.01e-03	0.0	0.0	-2146.13	-0.21	0.40	0.0	-17.16	-26.15
		-47.57	-17.16	-0.01	0.0	100.0	-2141.51	-0.21	0.40	0.0	23.03	-47.57
4077	2	-21.07	18.56	-4.84e-03	0.0	0.0	-1734.90	-0.17	0.32	0.0	-13.77	-21.07
		-38.47	-13.77	-0.01	0.0	100.0	-1731.35	-0.17	0.32	0.0	18.56	-38.47
4077	3	-19.69	17.37	-4.53e-03	0.0	0.0	-1613.58	-0.16	0.30	0.0	-12.95	-19.69
		-35.76	-12.95	-9.87e-03	0.0	100.0	-1610.03	-0.16	0.30	0.0	17.37	-35.76
4077	4	-16.92	14.86	-3.91e-03	0.0	0.0	-1370.92	-0.13	0.26	0.0	-11.35	-16.92
		-30.30	-11.35	-8.49e-03	0.0	100.0	-1367.37	-0.13	0.26	0.0	14.86	-30.30
4077	5	-16.92	14.86	-3.91e-03	0.0	0.0	-1370.92	-0.13	0.26	0.0	-11.35	-16.92
		-30.30	-11.35	-8.49e-03	0.0	100.0	-1367.37	-0.13	0.26	0.0	14.86	-30.30
4078	1	-31.61	47.60	-7.92e-03	0.0	0.0	-1346.65	-0.19	-0.62	0.0	47.60	-31.61
		-50.79	-14.68	-8.31e-04	0.0	100.0	-1342.03	-0.19	-0.62	0.0	-14.68	-50.79
4078	2	-25.48	38.28	-6.38e-03	0.0	0.0	-1087.71	-0.16	-0.50	0.0	38.28	-25.48
		-41.06	-11.98	-6.72e-04	0.0	100.0	-1084.16	-0.16	-0.50	0.0	-11.98	-41.06
4078	3	-23.79	35.88	-5.97e-03	0.0	0.0	-1012.86	-0.14	-0.47	0.0	35.88	-23.79
		-38.18	-10.95	-6.26e-04	0.0	100.0	-1009.30	-0.14	-0.47	0.0	-10.95	-38.18
4078	4	-20.42	31.06	-5.13e-03	0.0	0.0	-863.15	-0.12	-0.40	0.0	31.06	-20.42
		-32.40	-9.08	-5.33e-04	0.0	100.0	-859.59	-0.12	-0.40	0.0	-9.08	-32.40
4078	5	-20.42	31.06	-5.13e-03	0.0	0.0	-863.15	-0.12	-0.40	0.0	31.06	-20.42
		-32.40	-9.08	-5.33e-04	0.0	100.0	-859.59	-0.12	-0.40	0.0	-9.08	-32.40
4079	1	41.15	-14.60	3.60e-03	0.0	0.0	-1765.42	1.12	0.32	0.0	-46.55	-70.58
		-70.58	-46.55	-0.03	0.0	100.0	-1760.80	1.12	0.32	0.0	-14.60	41.15
4079	2	33.13	-11.73	2.89e-03	0.0	0.0	-1421.05	0.90	0.26	0.0	-37.50	-56.77
		-56.77	-37.50	-0.02	0.0	100.0	-1417.50	0.90	0.26	0.0	-11.73	33.13
4079	3	30.99	-11.01	2.72e-03	0.0	0.0	-1329.95	0.84	0.24	0.0	-35.06	-53.17
		-53.17	-35.06	-0.02	0.0	100.0	-1326.39	0.84	0.24	0.0	-11.01	30.99
4079	4	26.75	-9.56	2.37e-03	0.0	0.0	-1147.83	0.73	0.21	0.0	-30.15	-46.03
		-46.03	-30.15	-0.02	0.0	100.0	-1144.28	0.73	0.21	0.0	-9.56	26.75
4079	5	26.75	-9.56	2.37e-03	0.0	0.0	-1147.83	0.73	0.21	0.0	-30.15	-46.03
		-46.03	-30.15	-0.02	0.0	100.0	-1144.28	0.73	0.21	0.0	-9.56	26.75
4080	1	40.05	-150.64	3.57e-03	0.0	0.0	-1297.65	1.10	4.69	0.0	-619.96	-70.36
		-70.36	-619.96	-0.08	0.0	100.0	-1293.03	1.10	4.69	0.0	-150.64	40.05
4080	2	32.24	-121.36	2.86e-03	0.0	0.0	-1045.05	0.89	3.78	0.0	-499.15	-56.60
		-56.60	-499.15	-0.06	0.0	100.0	-1041.49	0.89	3.78	0.0	-121.36	32.24
4080	3	30.17	-113.45	2.69e-03	0.0	0.0	-977.32	0.83	3.54	0.0	-467.02	-53.01
		-53.01	-467.02	-0.06	0.0	100.0	-973.77	0.83	3.54	0.0	-113.45	30.17
4080	4	26.04	-97.62	2.34e-03	0.0	0.0	-841.99	0.72	3.05	0.0	-402.69	-45.90
		-45.90	-402.69	-0.05	0.0	100.0	-838.44	0.72	3.05	0.0	-97.62	26.04
4080	5	26.04	-97.62	2.34e-03	0.0	0.0	-841.99	0.72	3.05	0.0	-402.69	-45.90
		-45.90	-402.69	-0.05	0.0	100.0	-838.44	0.72	3.05	0.0	-97.62	26.04
4081	1	45.79	-0.99	-8.55e-03	0.0	0.0	-1449.26	-0.83	-0.04	0.0	-0.99	45.79
		-37.56	-4.88	-0.02	0.0	100.0	-1444.64	-0.83	-0.04	0.0	-4.88	-37.56
4081	2	36.76	-0.80	-6.88e-03	0.0	0.0	-1167.77	-0.67	-0.03	0.0	-0.80	36.76
		-30.23	-3.94	-0.01	0.0	100.0	-1164.21	-0.67	-0.03	0.0	-3.94	-30.23
4081	3	34.54	-0.74	-6.44e-03	0.0	0.0	-1091.34	-0.63	-0.03	0.0	-0.74	34.54
		-28.30	-3.68	-0.01	0.0	100.0	-1087.78	-0.63	-0.03	0.0	-3.68	-28.30



4081	4	30.07	-0.61	-5.58e-03	0.0	0.0	-938.36	-0.55	-0.03	0.0	-0.61	30.07
		-24.45	-3.14	-0.01	0.0	100.0	-934.80	-0.55	-0.03	0.0	-3.14	-24.45
4081	5	30.07	-0.61	-5.58e-03	0.0	0.0	-938.36	-0.55	-0.03	0.0	-0.61	30.07
		-24.45	-3.14	-0.01	0.0	100.0	-934.80	-0.55	-0.03	0.0	-3.14	-24.45
4082	1	46.32	15.00	-8.58e-03	0.0	0.0	-2034.06	-0.86	1.25	0.0	-110.23	46.32
		-39.70	-110.23	-0.01	0.0	100.0	-2029.43	-0.86	1.25	0.0	15.00	-39.70
4082	2	37.18	12.10	-6.90e-03	0.0	0.0	-1638.00	-0.69	1.01	0.0	-88.75	37.18
		-31.95	-88.75	-0.01	0.0	100.0	-1634.45	-0.69	1.01	0.0	12.10	-31.95
4082	3	34.93	11.28	-6.46e-03	0.0	0.0	-1532.07	-0.65	0.94	0.0	-83.03	34.93
		-29.91	-83.03	-9.49e-03	0.0	100.0	-1528.51	-0.65	0.94	0.0	11.28	-29.91
4082	4	30.40	9.63	-5.60e-03	0.0	0.0	-1320.23	-0.56	0.81	0.0	-71.60	30.40
		-25.84	-71.60	-8.16e-03	0.0	100.0	-1316.67	-0.56	0.81	0.0	9.63	-25.84
4082	5	30.40	9.63	-5.60e-03	0.0	0.0	-1320.23	-0.56	0.81	0.0	-71.60	30.40
		-25.84	-71.60	-8.16e-03	0.0	100.0	-1316.67	-0.56	0.81	0.0	9.63	-25.84
4083	1	37.02	-2.90	9.35e-03	0.0	0.0	-1210.80	0.11	0.15	0.0	-18.26	37.02
		25.93	-18.26	-0.01	0.0	100.0	-1206.18	0.11	0.15	0.0	-2.90	25.93
4083	2	29.97	-2.40	7.52e-03	0.0	0.0	-977.47	0.09	0.12	0.0	-14.65	29.97
		20.87	-14.65	-8.72e-03	0.0	100.0	-973.91	0.09	0.12	0.0	-2.40	20.87
4083	3	27.80	-2.24	7.04e-03	0.0	0.0	-910.91	0.08	0.12	0.0	-13.79	27.80
		19.54	-13.79	-8.15e-03	0.0	100.0	-907.35	0.08	0.12	0.0	-2.24	19.54
4083	4	23.53	-1.78	6.10e-03	0.0	0.0	-777.81	0.07	0.10	0.0	-12.06	23.53
		16.87	-12.06	-7.01e-03	0.0	100.0	-774.25	0.07	0.10	0.0	-1.78	16.87
4083	5	23.53	-1.78	6.10e-03	0.0	0.0	-777.81	0.07	0.10	0.0	-12.06	23.53
		16.87	-12.06	-7.01e-03	0.0	100.0	-774.25	0.07	0.10	0.0	-1.78	16.87
4084	1	35.45	20.59	6.89e-03	0.0	0.0	-1806.94	0.16	0.37	0.0	-16.70	35.45
		19.61	-16.70	-0.02	0.0	100.0	-1802.31	0.16	0.37	0.0	20.59	19.61
4084	2	28.70	16.56	5.53e-03	0.0	0.0	-1459.47	0.13	0.30	0.0	-13.35	28.70
		15.77	-13.35	-0.01	0.0	100.0	-1455.91	0.13	0.30	0.0	16.56	15.77
4084	3	26.62	15.45	5.19e-03	0.0	0.0	-1359.09	0.12	0.28	0.0	-12.63	26.62
		14.77	-12.63	-0.01	0.0	100.0	-1355.54	0.12	0.28	0.0	15.45	14.77
4084	4	22.50	13.29	4.51e-03	0.0	0.0	-1158.10	0.10	0.24	0.0	-11.16	22.50
		12.79	-11.16	-9.75e-03	0.0	100.0	-1154.54	0.10	0.24	0.0	13.29	12.79
4084	5	22.50	13.29	4.51e-03	0.0	0.0	-1158.10	0.10	0.24	0.0	-11.16	22.50
		12.79	-11.16	-9.75e-03	0.0	100.0	-1154.54	0.10	0.24	0.0	13.29	12.79
4085	1	-10.82	28.54	-2.47e-03	0.0	0.0	-1784.69	-0.07	0.69	0.0	-40.54	-10.82
		-17.56	-40.54	-0.01	0.0	100.0	-1780.06	-0.07	0.69	0.0	28.54	-17.56
4085	2	-8.71	22.99	-1.99e-03	0.0	0.0	-1441.48	-0.06	0.56	0.0	-32.57	-8.71
		-14.24	-32.57	-0.01	0.0	100.0	-1437.93	-0.06	0.56	0.0	22.99	-14.24
4085	3	-8.15	21.52	-1.87e-03	0.0	0.0	-1342.28	-0.05	0.52	0.0	-30.58	-8.15
		-13.18	-30.58	-9.78e-03	0.0	100.0	-1338.73	-0.05	0.52	0.0	21.52	-13.18
4085	4	-7.03	18.43	-1.63e-03	0.0	0.0	-1144.05	-0.04	0.45	0.0	-26.63	-7.03
		-11.05	-26.63	-8.41e-03	0.0	100.0	-1140.49	-0.04	0.45	0.0	18.43	-11.05
4085	5	-7.03	18.43	-1.63e-03	0.0	0.0	-1144.05	-0.04	0.45	0.0	-26.63	-7.03
		-11.05	-26.63	-8.41e-03	0.0	100.0	-1140.49	-0.04	0.45	0.0	18.43	-11.05
4086	1	-17.01	46.23	-5.15e-03	0.0	0.0	-1419.64	4.81e-03	-0.65	0.0	46.23	-17.01
		-17.50	-18.35	-6.29e-04	0.0	100.0	-1415.02	4.81e-03	-0.65	0.0	-18.35	-17.50
4086	2	-13.81	37.18	-4.14e-03	0.0	0.0	-1145.65	2.78e-03	-0.52	0.0	37.18	-13.81
		-14.09	-14.92	-5.10e-04	0.0	100.0	-1142.09	2.78e-03	-0.52	0.0	-14.92	-14.09
4086	3	-12.77	34.84	-3.88e-03	0.0	0.0	-1068.19	4.11e-03	-0.49	0.0	34.84	-12.77
		-13.18	-13.71	-4.74e-04	0.0	100.0	-1064.63	4.11e-03	-0.49	0.0	-13.71	-13.18
4086	4	-10.66	30.14	-3.37e-03	0.0	0.0	-913.32	6.97e-03	-0.42	0.0	30.14	-10.66
		-11.36	-11.47	-4.05e-04	0.0	100.0	-909.76	6.97e-03	-0.42	0.0	-11.47	-11.36
4086	5	-10.66	30.14	-3.37e-03	0.0	0.0	-913.32	6.97e-03	-0.42	0.0	30.14	-10.66
		-11.36	-11.47	-4.05e-04	0.0	100.0	-909.76	6.97e-03	-0.42	0.0	-11.47	-11.36
4087	1	39.56	-2.91	0.01	0.0	0.0	-714.85	0.07	0.23	0.0	-26.04	39.56
		32.98	-26.04	-0.01	0.0	100.0	-710.23	0.07	0.23	0.0	-2.91	32.98
4087	2	32.00	-2.42	8.25e-03	0.0	0.0	-576.77	0.05	0.18	0.0	-20.90	32.00
		26.58	-20.90	-8.54e-03	0.0	100.0	-573.22	0.05	0.18	0.0	-2.42	26.58
4087	3	29.75	-2.25	7.72e-03	0.0	0.0	-537.95	0.05	0.17	0.0	-19.64	29.75
		24.83	-19.64	-7.99e-03	0.0	100.0	-534.39	0.05	0.17	0.0	-2.25	24.83
4087	4	25.24	-1.77	6.68e-03	0.0	0.0	-460.26	0.04	0.15	0.0	-17.12	25.24
		21.36	-17.12	-6.86e-03	0.0	100.0	-456.71	0.04	0.15	0.0	-1.77	21.36
4087	5	25.24	-1.77	6.68e-03	0.0	0.0	-460.26	0.04	0.15	0.0	-17.12	25.24
		21.36	-17.12	-6.86e-03	0.0	100.0	-456.71	0.04	0.15	0.0	-1.77	21.36
4088	1	35.96	27.09	9.10e-03	0.0	0.0	-1301.65	0.07	0.69	0.0	-41.76	35.96
		29.40	-41.76	-0.01	0.0	100.0	-1297.03	0.07	0.69	0.0	27.09	29.40
4088	2	29.09	21.80	7.32e-03	0.0	0.0	-1051.01	0.05	0.55	0.0	-33.56	29.09
		23.69	-33.56	-0.01	0.0	100.0	-1047.46	0.05	0.55	0.0	21.80	23.69
4088	3	27.04	20.35	6.85e-03	0.0	0.0	-979.11	0.05	0.52	0.0	-31.49	27.04
		22.14	-31.49	-0.01	0.0	100.0	-975.56	0.05	0.52	0.0	20.35	22.14
4088	4	22.93	17.49	5.92e-03	0.0	0.0	-835.46	0.04	0.45	0.0	-27.35	22.93
		19.05	-27.35	-9.68e-03	0.0	100.0	-831.91	0.04	0.45	0.0	17.49	19.05
4088	5	22.93	17.49	5.92e-03	0.0	0.0	-835.46	0.04	0.45	0.0	-27.35	22.93
		19.05	-27.35	-9.68e-03	0.0	100.0	-831.91	0.04	0.45	0.0	17.49	19.05
4089	1	9.75	35.99	4.58e-03	0.0	0.0	-1370.84	-0.34	1.05	0.0	-69.36	9.75
		-24.03	-69.36	-0.01	0.0	100.0	-1366.21	-0.34	1.05	0.0	35.99	-24.03
4089	2	7.86	29.00	3.69e-03	0.0	0.0	-1106.79	-0.27	0.85	0.0	-55.79	7.86

4089	3	-19.41	-55.79	-0.01	0.0	100.0	-1103.23	-0.27	0.85	0.0	29.00	-19.41
		7.34	27.14	3.45e-03	0.0	0.0	-1031.18	-0.25	0.79	0.0	-52.28	7.34
		-18.06	-52.28	-9.68e-03	0.0	100.0	-1027.62	-0.25	0.79	0.0	27.14	-18.06
4089	4	6.31	23.26	2.97e-03	0.0	0.0	-880.07	-0.22	0.69	0.0	-45.28	6.31
		-15.37	-45.28	-8.33e-03	0.0	100.0	-876.51	-0.22	0.69	0.0	23.26	-15.37
4089	5	6.31	23.26	2.97e-03	0.0	0.0	-880.07	-0.22	0.69	0.0	-45.28	6.31
		-15.37	-45.28	-8.33e-03	0.0	100.0	-876.51	-0.22	0.69	0.0	23.26	-15.37
4090	1	9.61	32.84	4.45e-03	0.0	0.0	-435.70	-0.40	-0.50	0.0	32.84	9.61
		-30.13	-17.32	6.69e-04	0.0	100.0	-431.07	-0.40	-0.50	0.0	-17.32	-30.13
4090	2	7.75	26.38	3.58e-03	0.0	0.0	-352.04	-0.32	-0.40	0.0	26.38	7.75
		-24.33	-14.10	5.20e-04	0.0	100.0	-348.48	-0.32	-0.40	0.0	-14.10	-24.33
4090	3	7.25	24.76	3.35e-03	0.0	0.0	-327.69	-0.30	-0.38	0.0	24.76	7.25
		-22.65	-12.94	5.12e-04	0.0	100.0	-324.14	-0.30	-0.38	0.0	-12.94	-22.65
4090	4	6.24	21.50	2.88e-03	0.0	0.0	-278.83	-0.26	-0.32	0.0	21.50	6.24
		-19.31	-10.82	4.86e-04	0.0	100.0	-275.27	-0.26	-0.32	0.0	-10.82	-19.31
4090	5	6.24	21.50	2.88e-03	0.0	0.0	-278.83	-0.26	-0.32	0.0	21.50	6.24
		-19.31	-10.82	4.86e-04	0.0	100.0	-275.27	-0.26	-0.32	0.0	-10.82	-19.31
4159	1	36.21	9.70	0.01	0.0	0.0	-1405.72	-0.87	0.17	0.0	-5.63	36.21
		-40.66	-5.63	-0.01	0.0	88.0	-1401.65	-0.87	0.17	0.0	9.70	-40.66
4159	2	29.32	7.82	0.01	0.0	0.0	-1136.28	-0.71	0.14	0.0	-4.58	29.32
		-32.83	-4.58	-8.17e-03	0.0	88.0	-1133.15	-0.71	0.14	0.0	7.82	-32.83
4159	3	27.18	7.30	9.78e-03	0.0	0.0	-1056.87	-0.66	0.13	0.0	-4.29	27.18
		-30.57	-4.29	-7.64e-03	0.0	88.0	-1053.74	-0.66	0.13	0.0	7.30	-30.57
4159	4	22.97	6.23	8.33e-03	0.0	0.0	-898.08	-0.56	0.11	0.0	-3.57	22.97
		-26.06	-3.57	-6.55e-03	0.0	88.0	-894.95	-0.56	0.11	0.0	6.23	-26.06
4159	5	22.97	6.23	8.33e-03	0.0	0.0	-898.08	-0.56	0.11	0.0	-3.57	22.97
		-26.06	-3.57	-6.55e-03	0.0	88.0	-894.95	-0.56	0.11	0.0	6.23	-26.06
4160	1	30.94	13.11	0.01	0.0	0.0	-2059.18	-0.67	-0.18	0.0	13.11	30.94
		-28.12	-2.65	-0.01	0.0	88.0	-2055.11	-0.67	-0.18	0.0	-2.65	-28.12
4160	2	25.06	10.58	8.23e-03	0.0	0.0	-1666.42	-0.54	-0.15	0.0	10.58	25.06
		-22.72	-2.18	-8.54e-03	0.0	88.0	-1663.29	-0.54	-0.15	0.0	-2.18	-22.72
4160	3	23.22	9.81	7.65e-03	0.0	0.0	-1547.41	-0.50	-0.13	0.0	9.81	23.22
		-21.14	-1.95	-7.99e-03	0.0	88.0	-1544.28	-0.50	-0.13	0.0	-1.95	-21.14
4160	4	19.58	8.32	6.51e-03	0.0	0.0	-1309.05	-0.43	-0.11	0.0	8.32	19.58
		-18.00	-1.45	-6.88e-03	0.0	88.0	-1305.92	-0.43	-0.11	0.0	-1.45	-18.00
4160	5	19.58	8.32	6.51e-03	0.0	0.0	-1309.05	-0.43	-0.11	0.0	8.32	19.58
		-18.00	-1.45	-6.88e-03	0.0	88.0	-1305.92	-0.43	-0.11	0.0	-1.45	-18.00
4161	1	37.63	0.33	-0.01	0.0	0.0	-2008.75	0.85	-0.10	0.0	0.33	-37.47
		-37.47	-8.77	-9.85e-03	0.0	88.0	-2004.69	0.85	-0.10	0.0	-8.77	37.63
4161	2	30.37	0.34	-0.01	0.0	0.0	-1625.92	0.69	-0.08	0.0	0.34	-30.33
		-30.33	-7.12	-7.93e-03	0.0	88.0	-1622.79	0.69	-0.08	0.0	-7.12	30.37
4161	3	28.33	0.24	-0.01	0.0	0.0	-1509.05	0.64	-0.08	0.0	0.24	-28.19
		-28.19	-6.59	-7.41e-03	0.0	88.0	-1505.92	0.64	-0.08	0.0	-6.59	28.33
4161	4	24.23	-0.06	-8.80e-03	0.0	0.0	-1275.85	0.55	-0.06	0.0	-0.06	-23.80
		-23.80	-5.52	-6.41e-03	0.0	88.0	-1272.72	0.55	-0.06	0.0	-5.52	24.23
4161	5	24.23	-0.06	-8.80e-03	0.0	0.0	-1275.85	0.55	-0.06	0.0	-0.06	-23.80
		-23.80	-5.52	-6.41e-03	0.0	88.0	-1272.72	0.55	-0.06	0.0	-5.52	24.23
4162	1	50.08	6.40	-0.02	0.0	0.0	-1307.23	1.07	-0.33	0.0	6.40	-43.69
		-43.69	-22.56	1.32e-03	0.0	88.0	-1303.16	1.07	-0.33	0.0	-22.56	50.08
4162	2	40.41	4.93	-0.01	0.0	0.0	-1056.94	0.86	-0.26	0.0	4.93	-35.35
		-35.35	-18.08	1.01e-03	0.0	88.0	-1053.81	0.86	-0.26	0.0	-18.08	40.41
4162	3	37.70	4.94	-0.01	0.0	0.0	-982.79	0.80	-0.25	0.0	4.94	-32.88
		-32.88	-17.03	1.02e-03	0.0	88.0	-979.66	0.80	-0.25	0.0	-17.03	37.70
4162	4	32.25	4.84	-0.01	0.0	0.0	-834.32	0.68	-0.22	0.0	4.84	-27.82
		-27.82	-14.93	1.01e-03	0.0	88.0	-831.19	0.68	-0.22	0.0	-14.93	32.25
4162	5	32.25	4.84	-0.01	0.0	0.0	-834.32	0.68	-0.22	0.0	4.84	-27.82
		-27.82	-14.93	1.01e-03	0.0	88.0	-831.19	0.68	-0.22	0.0	-14.93	32.25
4195	1	0.28	19.19	-2.48e-03	0.0	0.0	-1057.15	-0.30	-0.73	6.26	19.19	0.28
		-21.14	-33.62	-0.02	0.0	72.0	-1053.82	-0.30	-0.73	6.26	-33.62	-21.14
4195	2	0.28	15.41	-2.00e-03	0.0	0.0	-858.84	-0.24	-0.59	5.06	15.41	0.28
		-17.16	-27.14	-0.02	0.0	72.0	-856.28	-0.24	-0.59	5.06	-27.14	-17.16
4195	3	0.17	14.50	-1.86e-03	0.0	0.0	-792.90	-0.22	-0.55	4.71	14.50	0.17
		-15.86	-25.31	-0.02	0.0	72.0	-790.34	-0.22	-0.55	4.71	-25.31	-15.86
4195	4	-8.34e-03	12.69	-1.58e-03	0.0	0.0	-661.01	-0.18	-0.48	4.01	12.69	-8.34e-03
		-13.27	-21.65	-0.02	0.0	72.0	-658.45	-0.18	-0.48	4.01	-21.65	-13.27
4195	5	-8.34e-03	12.69	-1.58e-03	0.0	0.0	-661.01	-0.18	-0.48	4.01	12.69	-8.34e-03
		-13.27	-21.65	-0.02	0.0	72.0	-658.45	-0.18	-0.48	4.01	-21.65	-13.27
4196	1	0.0	0.0	-3.31e-03	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
4196	2	0.0	0.0	-2.68e-03	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
4196	3	0.0	0.0	-2.49e-03	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
4196	4	0.0	0.0	-2.10e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4196	5	0.0	0.0	-2.10e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0



4197	1	9.35	-1.73	-1.48e-03	0.0	0.0	-1056.78	-0.47	0.02	-0.24	-3.39	9.35
		-24.41	-3.39	-0.02	0.0	72.0	-1053.45	-0.47	0.02	-0.24	-1.73	-24.41
4197	2	7.61	-1.37	-1.20e-03	0.0	0.0	-858.54	-0.38	0.02	-0.20	-2.79	7.61
		-19.80	-2.79	-0.02	0.0	72.0	-855.98	-0.38	0.02	-0.20	-1.37	-19.80
4197	3	7.01	-1.32	-1.11e-03	0.0	0.0	-792.62	-0.35	0.02	-0.17	-2.51	7.01
		-18.32	-2.51	-0.01	0.0	72.0	-790.06	-0.35	0.02	-0.17	-1.32	-18.32
4197	4	5.77	-1.29	-9.45e-04	0.0	0.0	-660.78	-0.29	8.12e-03	-0.16	-1.87	5.77
		-15.29	-1.87	-0.01	0.0	72.0	-658.22	-0.29	8.12e-03	-0.16	-1.29	-15.29
4197	5	5.77	-1.29	-9.45e-04	0.0	0.0	-660.78	-0.29	8.12e-03	-0.16	-1.87	5.77
		-15.29	-1.87	-0.01	0.0	72.0	-658.22	-0.29	8.12e-03	-0.16	-1.29	-15.29
4198	1	0.0	0.0	-2.40e-03	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
4198	2	0.0	0.0	-1.95e-03	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
4198	3	0.0	0.0	-1.80e-03	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
4198	4	0.0	0.0	-1.52e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-9.89e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4198	5	0.0	0.0	-1.52e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-9.89e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4199	1	-0.43	13.57	-3.21e-03	0.0	0.0	-1056.72	-0.36	-0.30	-9.03	13.57	-0.43
		-26.42	-8.27	-0.01	0.0	72.0	-1053.39	-0.36	-0.30	-9.03	-8.27	-26.42
4199	2	-0.30	11.16	-2.60e-03	0.0	0.0	-858.50	-0.29	-0.25	-7.29	11.16	-0.30
		-21.44	-6.84	-0.01	0.0	72.0	-855.93	-0.29	-0.25	-7.29	-6.84	-21.44
4199	3	-0.33	10.07	-2.41e-03	0.0	0.0	-792.58	-0.27	-0.22	-6.79	10.07	-0.33
		-19.84	-6.11	-9.29e-03	0.0	72.0	-790.02	-0.27	-0.22	-6.79	-6.11	-19.84
4199	4	-0.43	7.85	-2.04e-03	0.0	0.0	-660.74	-0.22	-0.17	-5.74	7.85	-0.43
		-16.57	-4.62	-7.79e-03	0.0	72.0	-658.18	-0.22	-0.17	-5.74	-4.62	-16.57
4199	5	-0.43	7.85	-2.04e-03	0.0	0.0	-660.74	-0.22	-0.17	-5.74	7.85	-0.43
		-16.57	-4.62	-7.79e-03	0.0	72.0	-658.18	-0.22	-0.17	-5.74	-4.62	-16.57
4200	1	0.0	0.0	-4.25e-03	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
4200	2	0.0	0.0	-3.44e-03	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-8.44e-03	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
4200	3	0.0	0.0	-3.19e-03	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-7.81e-03	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
4200	4	0.0	0.0	-2.70e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-6.54e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4200	5	0.0	0.0	-2.70e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-6.54e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4201	1	-10.82	32.37	-4.90e-03	0.0	0.0	-1056.94	-0.23	0.92	-0.26	-33.69	-10.82
		-27.08	-33.69	-6.21e-03	0.0	72.0	-1053.61	-0.23	0.92	-0.26	32.37	-27.08
4201	2	-8.70	26.22	-3.97e-03	0.0	0.0	-858.67	-0.18	0.74	-0.21	-27.29	-8.70
		-21.98	-27.29	-5.03e-03	0.0	72.0	-856.11	-0.18	0.74	-0.21	26.22	-21.98
4201	3	-8.15	24.31	-3.69e-03	0.0	0.0	-792.74	-0.17	0.69	-0.19	-25.30	-8.15
		-20.33	-25.30	-4.66e-03	0.0	72.0	-790.18	-0.17	0.69	-0.19	24.31	-20.33
4201	4	-7.01	20.50	-3.12e-03	0.0	0.0	-660.89	-0.14	0.58	-0.15	-21.33	-7.01
		-17.01	-21.33	-3.91e-03	0.0	72.0	-658.33	-0.14	0.58	-0.15	20.50	-17.01
4201	5	-7.01	20.50	-3.12e-03	0.0	0.0	-660.89	-0.14	0.58	-0.15	-21.33	-7.01
		-17.01	-21.33	-3.91e-03	0.0	72.0	-658.33	-0.14	0.58	-0.15	20.50	-17.01
4202	1	0.0	0.0	-6.01e-03	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-4.25e-03	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
4202	2	0.0	0.0	-4.86e-03	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.45e-03	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
4202	3	0.0	0.0	-4.52e-03	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.19e-03	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
4202	4	0.0	0.0	-3.82e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.68e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4202	5	0.0	0.0	-3.82e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.68e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4203	1	0.02	64.73	-3.39e-03	0.0	0.0	-1057.71	-0.39	1.94	8.84	-74.78	0.02
		-28.37	-74.78	-2.14e-03	0.0	72.0	-1054.38	-0.39	1.94	8.84	64.73	-28.37
4203	2	0.07	52.58	-2.74e-03	0.0	0.0	-859.30	-0.32	1.57	7.14	-60.74	0.07
		-23.02	-60.74	-1.73e-03	0.0	72.0	-856.74	-0.32	1.57	7.14	52.58	-23.02
4203	3	-8.53e-03	48.49	-2.55e-03	0.0	0.0	-793.32	-0.30	1.45	6.62	-56.01	-8.53e-03
		-21.27	-56.01	-1.61e-03	0.0	72.0	-790.76	-0.30	1.45	6.62	48.49	-21.27
4203	4	-0.13	40.36	-2.16e-03	0.0	0.0	-661.37	-0.25	1.21	5.61	-46.60	-0.13
		-17.82	-46.60	-1.36e-03	0.0	72.0	-658.81	-0.25	1.21	5.61	40.36	-17.82
4203	5	-0.13	40.36	-2.16e-03	0.0	0.0	-661.37	-0.25	1.21	5.61	-46.60	-0.13
		-17.82	-46.60	-1.36e-03	0.0	72.0	-658.81	-0.25	1.21	5.61	40.36	-17.82
4204	1	0.0	0.0	-4.50e-03	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.64e-04	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
4204	2	0.0	0.0	-3.65e-03	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.26e-04	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
4204	3	0.0	0.0	-3.39e-03	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.28e-04	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
4204	4	0.0	0.0	-2.86e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0

		0.0	0.0	-1.26e-04	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4204	5	0.0	0.0	-2.86e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.26e-04	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4205	1	10.91	13.88	-1.73e-03	0.0	0.0	-1058.32	-0.56	0.36	0.43	-12.38	10.91
		-29.37	-12.38	-1.49e-03	0.0	72.0	-1054.99	-0.56	0.36	0.43	13.88	-29.37
4205	2	8.88	11.29	-1.41e-03	0.0	0.0	-859.80	-0.45	0.30	0.35	-10.08	8.88
		-23.81	-10.08	-1.21e-03	0.0	72.0	-857.24	-0.45	0.30	0.35	11.29	-23.81
4205	3	8.17	10.44	-1.31e-03	0.0	0.0	-793.78	-0.42	0.27	0.35	-9.31	8.17
		-22.01	-9.31	-1.12e-03	0.0	72.0	-791.22	-0.42	0.27	0.35	10.44	-22.01
4205	4	6.84	8.76	-1.09e-03	0.0	0.0	-661.75	-0.35	0.23	0.36	-7.80	6.84
		-18.50	-7.80	-9.49e-04	0.0	72.0	-659.19	-0.35	0.23	0.36	8.76	-18.50
4205	5	6.84	8.76	-1.09e-03	0.0	0.0	-661.75	-0.35	0.23	0.36	-7.80	6.84
		-18.50	-7.80	-9.49e-04	0.0	72.0	-659.19	-0.35	0.23	0.36	8.76	-18.50
4206	1	0.0	0.0	-2.86e-03	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-7.88e-04	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
4206	2	0.0	0.0	-2.32e-03	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-6.36e-04	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
4206	3	0.0	0.0	-2.15e-03	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-5.92e-04	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
4206	4	0.0	0.0	-1.80e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-5.03e-04	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4206	5	0.0	0.0	-1.80e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-5.03e-04	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4207	1	-1.14	31.38	-3.12e-03	0.0	0.0	-1058.29	-0.38	-0.76	-8.44	31.38	-1.14
		-28.64	-23.18	-1.95e-03	0.0	72.0	-1054.96	-0.38	-0.76	-8.44	-23.18	-28.64
4207	2	-0.86	25.58	-2.53e-03	0.0	0.0	-859.77	-0.31	-0.62	-6.83	25.58	-0.86
		-23.23	-18.92	-1.58e-03	0.0	72.0	-857.21	-0.31	-0.62	-6.83	-18.92	-23.23
4207	3	-0.87	23.42	-2.35e-03	0.0	0.0	-793.76	-0.29	-0.57	-6.34	23.42	-0.87
		-21.49	-17.29	-1.46e-03	0.0	72.0	-791.20	-0.29	-0.57	-6.34	-17.29	-21.49
4207	4	-0.82	19.21	-1.97e-03	0.0	0.0	-661.74	-0.24	-0.46	-5.43	19.21	-0.82
		-18.06	-14.14	-1.23e-03	0.0	72.0	-659.18	-0.24	-0.46	-5.43	-14.14	-18.06
4207	5	-0.82	19.21	-1.97e-03	0.0	0.0	-661.74	-0.24	-0.46	-5.43	19.21	-0.82
		-18.06	-14.14	-1.23e-03	0.0	72.0	-659.18	-0.24	-0.46	-5.43	-14.14	-18.06
4208	1	0.0	0.0	-4.33e-03	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.07e-03	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
4208	2	0.0	0.0	-3.51e-03	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.68e-03	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
4208	3	0.0	0.0	-3.25e-03	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.55e-03	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
4208	4	0.0	0.0	-2.73e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.29e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4208	5	0.0	0.0	-2.73e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.29e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4209	1	-13.56	6.76	-4.23e-03	0.0	0.0	-1058.18	-0.20	0.19	1.77	-7.18	-13.56
		-27.62	-7.18	-1.64e-03	0.0	72.0	-1054.85	-0.20	0.19	1.77	6.76	-27.62
4209	2	-10.91	5.44	-3.43e-03	0.0	0.0	-859.68	-0.16	0.16	1.42	-5.76	-10.91
		-22.41	-5.76	-1.33e-03	0.0	72.0	-857.12	-0.16	0.16	1.42	5.44	-22.41
4209	3	-10.20	5.07	-3.18e-03	0.0	0.0	-793.68	-0.15	0.15	1.32	-5.38	-10.20
		-20.73	-5.38	-1.23e-03	0.0	72.0	-791.12	-0.15	0.15	1.32	5.07	-20.73
4209	4	-8.78	4.33	-2.68e-03	0.0	0.0	-661.67	-0.12	0.12	1.13	-4.61	-8.78
		-17.37	-4.61	-1.05e-03	0.0	72.0	-659.11	-0.12	0.12	1.13	4.33	-17.37
4209	5	-8.78	4.33	-2.68e-03	0.0	0.0	-661.67	-0.12	0.12	1.13	-4.61	-8.78
		-17.37	-4.61	-1.05e-03	0.0	72.0	-659.11	-0.12	0.12	1.13	4.33	-17.37
4210	1	0.0	0.0	-5.56e-03	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.18e-03	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
4210	2	0.0	0.0	-4.50e-03	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-9.53e-04	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
4210	3	0.0	0.0	-4.18e-03	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-8.87e-04	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
4210	4	0.0	0.0	-3.52e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-7.59e-04	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4210	5	0.0	0.0	-3.52e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-7.59e-04	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4211	1	-2.32	34.24	-1.76e-03	0.0	0.0	-1058.49	-0.35	1.09	11.48	-44.47	-2.32
		-27.56	-44.47	-1.76e-03	0.0	72.0	-1055.16	-0.35	1.09	11.48	34.24	-27.56
4211	2	-1.84	27.89	-1.43e-03	0.0	0.0	-859.93	-0.29	0.89	9.27	-36.20	-1.84
		-22.36	-36.20	-1.41e-03	0.0	72.0	-857.37	-0.29	0.89	9.27	27.89	-22.36
4211	3	-1.77	25.60	-1.33e-03	0.0	0.0	-793.91	-0.26	0.82	8.61	-33.26	-1.77
		-20.67	-33.26	-1.32e-03	0.0	72.0	-791.35	-0.26	0.82	8.61	25.60	-20.67
4211	4	-1.63	21.04	-1.11e-03	0.0	0.0	-661.86	-0.22	0.67	7.29	-27.40	-1.63
		-17.29	-27.40	-1.15e-03	0.0	72.0	-659.30	-0.22	0.67	7.29	21.04	-17.29
4211	5	-1.63	21.04	-1.11e-03	0.0	0.0	-661.86	-0.22	0.67	7.29	-27.40	-1.63
		-17.29	-27.40	-1.15e-03	0.0	72.0	-659.30	-0.22	0.67	7.29	21.04	-17.29
4212	1	0.0	0.0	-3.17e-03	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-7.53e-04	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
4212	2	0.0	0.0	-2.57e-03	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-5.99e-04	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0



4212	3	0.0	0.0	-2.38e-03	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-5.73e-04	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
4212	4	0.0	0.0	-2.00e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-5.20e-04	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4212	5	0.0	0.0	-2.00e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-5.20e-04	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4213	1	8.52	27.25	9.38e-04	0.0	0.0	-1058.54	-0.48	-0.72	2.58	27.25	8.52
		-26.07	-24.82	-3.20e-03	0.0	72.0	-1055.21	-0.48	-0.72	2.58	-24.82	-26.07
4213	2	6.93	22.01	7.50e-04	0.0	0.0	-859.97	-0.39	-0.58	2.08	22.01	6.93
		-21.16	-20.06	-2.58e-03	0.0	72.0	-857.41	-0.39	-0.58	2.08	-20.06	-21.16
4213	3	6.36	20.45	7.01e-04	0.0	0.0	-793.94	-0.36	-0.54	1.95	20.45	6.36
		-19.54	-18.63	-2.40e-03	0.0	72.0	-791.38	-0.36	-0.54	1.95	-18.63	-19.54
4213	4	5.27	17.32	6.11e-04	0.0	0.0	-661.89	-0.30	-0.46	1.70	17.32	5.27
		-16.31	-15.77	-2.04e-03	0.0	72.0	-659.33	-0.30	-0.46	1.70	-15.77	-16.31
4213	5	5.27	17.32	6.11e-04	0.0	0.0	-661.89	-0.30	-0.46	1.70	17.32	5.27
		-16.31	-15.77	-2.04e-03	0.0	72.0	-659.33	-0.30	-0.46	1.70	-15.77	-16.31
4214	1	0.0	0.0	-5.42e-04	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.33e-03	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
4214	2	0.0	0.0	-4.50e-04	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.69e-03	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
4214	3	0.0	0.0	-4.09e-04	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.50e-03	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
4214	4	0.0	0.0	-3.18e-04	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.12e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4214	5	0.0	0.0	-3.18e-04	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.12e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4215	1	2.45	75.34	1.07e-03	0.0	0.0	-1057.85	-0.39	-1.93	-2.54	75.34	2.45
		-25.52	-63.96	-3.20e-03	0.0	72.0	-1054.53	-0.39	-1.93	-2.54	-63.96	-25.52
4215	2	2.01	61.23	8.51e-04	0.0	0.0	-859.42	-0.32	-1.57	-2.07	61.23	2.01
		-20.72	-51.99	-2.59e-03	0.0	72.0	-856.86	-0.32	-1.57	-2.07	-51.99	-20.72
4215	3	1.81	56.48	8.04e-04	0.0	0.0	-793.43	-0.29	-1.45	-1.89	56.48	1.81
		-19.14	-47.95	-2.40e-03	0.0	72.0	-790.87	-0.29	-1.45	-1.89	-47.95	-19.14
4215	4	1.47	47.01	7.14e-04	0.0	0.0	-661.46	-0.24	-1.21	-1.55	47.01	1.47
		-15.99	-39.86	-2.03e-03	0.0	72.0	-658.90	-0.24	-1.21	-1.55	-39.86	-15.99
4215	5	1.47	47.01	7.14e-04	0.0	0.0	-661.46	-0.24	-1.21	-1.55	47.01	1.47
		-15.99	-39.86	-2.03e-03	0.0	72.0	-658.90	-0.24	-1.21	-1.55	-39.86	-15.99
4216	1	0.0	0.0	-5.88e-04	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-4.22e-03	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
4216	2	0.0	0.0	-4.90e-04	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.42e-03	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
4216	3	0.0	0.0	-4.37e-04	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.17e-03	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
4216	4	0.0	0.0	-3.27e-04	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.66e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4216	5	0.0	0.0	-3.27e-04	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.66e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4217	1	-3.24	1.92	4.56e-04	0.0	0.0	-1057.29	-0.34	-0.12	-2.48	1.92	-3.24
		-27.84	-6.67	8.18e-05	0.0	72.0	-1053.96	-0.34	-0.12	-2.48	-6.67	-27.84
4217	2	-2.59	1.71	3.61e-04	0.0	0.0	-858.96	-0.28	-0.10	-1.99	1.71	-2.59
		-22.60	-5.55	7.24e-05	0.0	72.0	-856.40	-0.28	-0.10	-1.99	-5.55	-22.60
4217	3	-2.42	1.36	3.48e-04	0.0	0.0	-793.01	-0.26	-0.09	-1.86	1.36	-2.42
		-20.90	-4.93	6.01e-05	0.0	72.0	-790.45	-0.26	-0.09	-1.86	-4.93	-20.90
4217	4	-2.10	0.65	3.20e-04	0.0	0.0	-661.11	-0.21	-0.06	-1.59	0.65	-2.10
		-17.47	-3.68	3.36e-05	0.0	72.0	-658.55	-0.21	-0.06	-1.59	-3.68	-17.47
4217	5	-2.10	0.65	3.20e-04	0.0	0.0	-661.11	-0.21	-0.06	-1.59	0.65	-2.10
		-17.47	-3.68	3.36e-05	0.0	72.0	-658.55	-0.21	-0.06	-1.59	-3.68	-17.47
4218	1	0.0	0.0	-1.69e-03	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.19e-04	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
4218	2	0.0	0.0	-1.38e-03	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.55e-04	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
4218	3	0.0	0.0	-1.26e-03	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.39e-04	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
4218	4	0.0	0.0	-1.02e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.10e-04	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4218	5	0.0	0.0	-1.02e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.10e-04	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4219	1	-5.55	3.20	-1.35e-03	0.0	0.0	-1057.25	-0.31	0.09	-4.79	-3.20	-5.55
		-27.76	-3.20	4.18e-03	0.0	72.0	-1053.92	-0.31	0.09	-4.79	3.20	-27.76
4219	2	-4.45	2.50	-1.10e-03	0.0	0.0	-858.92	-0.25	0.07	-3.87	2.50	-4.45
		-22.54	-2.49	3.41e-03	0.0	72.0	-856.36	-0.25	0.07	-3.87	-2.49	-22.54
4219	3	-4.16	2.42	-1.01e-03	0.0	0.0	-792.98	-0.23	0.07	-3.61	2.42	-4.16
		-20.84	-2.42	3.13e-03	0.0	72.0	-790.42	-0.23	0.07	-3.61	-2.42	-20.84
4219	4	-3.57	2.28	-8.17e-04	0.0	0.0	-661.09	-0.19	0.06	-3.08	2.28	-3.57
		-17.45	-2.33	2.56e-03	0.0	72.0	-658.53	-0.19	0.06	-3.08	-2.33	-17.45
4219	5	-3.57	2.28	-8.17e-04	0.0	0.0	-661.09	-0.19	0.06	-3.08	2.28	-3.57
		-17.45	-2.33	2.56e-03	0.0	72.0	-658.53	-0.19	0.06	-3.08	-2.33	-17.45
4220	1	0.0	0.0	-2.93e-03	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0

		0.0	0.0	3.58e-03	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
4220	2	0.0	0.0	-2.38e-03	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	2.92e-03	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
4220	3	0.0	0.0	-2.20e-03	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	2.68e-03	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
4220	4	0.0	0.0	-1.82e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	2.20e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4220	5	0.0	0.0	-1.82e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	2.20e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4221	1	1.47	19.96	-1.59e-03	0.0	0.0	-1057.41	-0.39	0.65	4.08	-27.02	1.47
		-26.26	-27.02	8.12e-03	0.0	72.0	-1054.08	-0.39	0.65	4.08	19.96	-26.26
4221	2	1.23	16.31	-1.29e-03	0.0	0.0	-859.05	-0.31	0.53	3.31	-22.06	1.23
		-21.31	-22.06	6.62e-03	0.0	72.0	-856.49	-0.31	0.53	3.31	16.31	-21.31
4221	3	1.05	14.99	-1.20e-03	0.0	0.0	-793.10	-0.29	0.49	3.00	-20.30	1.05
		-19.68	-20.30	6.08e-03	0.0	72.0	-790.54	-0.29	0.49	3.00	14.99	-19.68
4221	4	0.80	12.19	-9.97e-04	0.0	0.0	-661.19	-0.24	0.40	2.48	-16.58	0.80
		-16.47	-16.58	4.99e-03	0.0	72.0	-658.63	-0.24	0.40	2.48	12.19	-16.47
4221	5	0.80	12.19	-9.97e-04	0.0	0.0	-661.19	-0.24	0.40	2.48	-16.58	0.80
		-16.47	-16.58	4.99e-03	0.0	72.0	-658.63	-0.24	0.40	2.48	12.19	-16.47
4222	1	0.0	0.0	-2.83e-03	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	7.14e-03	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
4222	2	0.0	0.0	-2.30e-03	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	5.83e-03	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
4222	3	0.0	0.0	-2.13e-03	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	5.35e-03	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
4222	4	0.0	0.0	-1.78e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	4.39e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4222	5	0.0	0.0	-1.78e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	4.39e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4223	1	10.18	38.68	-1.38e-03	0.0	0.0	-1057.34	-0.50	-0.92	-2.34	38.68	10.18
		-25.49	-27.85	0.01	0.0	72.0	-1054.02	-0.50	-0.92	-2.34	-27.85	-25.49
4223	2	8.27	31.27	-1.12e-03	0.0	0.0	-859.00	-0.40	-0.75	-1.88	31.27	8.27
		-20.67	-22.50	9.31e-03	0.0	72.0	-856.44	-0.40	-0.75	-1.88	-22.50	-20.67
4223	3	7.57	29.11	-1.05e-03	0.0	0.0	-793.05	-0.37	-0.70	-1.72	29.11	7.57
		-19.08	-20.97	8.55e-03	0.0	72.0	-790.49	-0.37	-0.70	-1.72	-20.97	-19.08
4223	4	6.27	24.71	-8.86e-04	0.0	0.0	-661.15	-0.31	-0.59	-1.50	24.71	6.27
		-15.99	-17.86	7.04e-03	0.0	72.0	-658.59	-0.31	-0.59	-1.50	-17.86	-15.99
4223	5	6.27	24.71	-8.86e-04	0.0	0.0	-661.15	-0.31	-0.59	-1.50	24.71	6.27
		-15.99	-17.86	7.04e-03	0.0	72.0	-658.59	-0.31	-0.59	-1.50	-17.86	-15.99
4224	1	0.0	0.0	-2.35e-03	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	9.01e-03	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
4224	2	0.0	0.0	-1.91e-03	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	7.35e-03	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
4224	3	0.0	0.0	-1.78e-03	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	6.75e-03	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
4224	4	0.0	0.0	-1.50e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	5.54e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4224	5	0.0	0.0	-1.50e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	5.54e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4225	1	-5.89	11.48	-4.31e-03	0.0	0.0	-1057.31	-0.20	0.09	-14.10	5.10	-5.89
		-20.51	5.10	0.02	0.0	72.0	-1053.98	-0.20	0.09	-14.10	11.48	-20.51
4225	2	-4.70	9.31	-3.48e-03	0.0	0.0	-858.97	-0.17	0.07	-11.37	4.17	-4.70
		-16.64	4.17	0.01	0.0	72.0	-856.41	-0.17	0.07	-11.37	9.31	-16.64
4225	3	-4.45	8.60	-3.25e-03	0.0	0.0	-793.02	-0.15	0.07	-10.60	3.85	-4.45
		-15.38	3.85	0.01	0.0	72.0	-790.46	-0.15	0.07	-10.60	8.60	-15.38
4225	4	-3.96	7.25	-2.77e-03	0.0	0.0	-661.12	-0.12	0.06	-9.05	3.12	-3.96
		-12.90	3.12	9.63e-03	0.0	72.0	-658.56	-0.12	0.06	-9.05	7.25	-12.90
4225	5	-3.96	7.25	-2.77e-03	0.0	0.0	-661.12	-0.12	0.06	-9.05	3.12	-3.96
		-12.90	3.12	9.63e-03	0.0	72.0	-658.56	-0.12	0.06	-9.05	7.25	-12.90
4226	1	0.0	0.0	-4.98e-03	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
4226	2	0.0	0.0	-4.03e-03	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
4226	3	0.0	0.0	-3.75e-03	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
4226	4	0.0	0.0	-3.19e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	8.54e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4226	5	0.0	0.0	-3.19e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	8.54e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4257	1	35.43	8.61	0.01	0.0	0.0	-887.26	-0.84	-0.03	0.0	8.61	35.43
		-38.39	6.10	-9.16e-03	0.0	88.0	-883.19	-0.84	-0.03	0.0	6.10	-38.39
4257	2	28.63	6.91	9.65e-03	0.0	0.0	-716.07	-0.68	-0.02	0.0	6.91	28.63
		-30.96	4.93	-7.39e-03	0.0	88.0	-712.94	-0.68	-0.02	0.0	4.93	-30.96
4257	3	26.59	6.42	8.99e-03	0.0	0.0	-667.59	-0.63	-0.02	0.0	6.42	26.59
		-28.89	4.58	-6.91e-03	0.0	88.0	-664.46	-0.63	-0.02	0.0	4.58	-28.89
4257	4	22.55	5.57	7.69e-03	0.0	0.0	-570.66	-0.54	-0.02	0.0	5.57	22.55
		-24.76	3.87	-5.92e-03	0.0	88.0	-567.53	-0.54	-0.02	0.0	3.87	-24.76



4257	5	22.55	5.57	7.69e-03	0.0	0.0	-570.66	-0.54	-0.02	0.0	5.57	22.55
		-24.76	3.87	-5.92e-03	0.0	88.0	-567.53	-0.54	-0.02	0.0	3.87	-24.76
4258	1	31.89	54.00	0.01	0.0	0.0	-1435.03	-0.71	0.55	0.0	5.59	31.89
		-30.50	5.59	-9.57e-03	0.0	88.0	-1430.96	-0.71	0.55	0.0	54.00	-30.50
4258	2	25.78	43.69	8.11e-03	0.0	0.0	-1159.08	-0.57	0.45	0.0	4.51	25.78
		-24.59	4.51	-7.71e-03	0.0	88.0	-1155.95	-0.57	0.45	0.0	43.69	-24.59
4258	3	23.92	40.52	7.56e-03	0.0	0.0	-1079.25	-0.53	0.41	0.0	4.19	23.92
		-22.95	4.19	-7.22e-03	0.0	88.0	-1076.12	-0.53	0.41	0.0	40.52	-22.95
4258	4	20.27	34.28	6.46e-03	0.0	0.0	-919.72	-0.45	0.35	0.0	3.59	20.27
		-19.66	3.59	-6.23e-03	0.0	88.0	-916.59	-0.45	0.35	0.0	34.28	-19.66
4258	5	20.27	34.28	6.46e-03	0.0	0.0	-919.72	-0.45	0.35	0.0	3.59	20.27
		-19.66	3.59	-6.23e-03	0.0	88.0	-916.59	-0.45	0.35	0.0	34.28	-19.66
4291	1	31.28	45.48	-0.01	0.0	0.0	-1438.45	0.71	0.58	0.0	-5.39	-31.26
		-31.26	-5.39	-8.72e-03	0.0	88.0	-1434.38	0.71	0.58	0.0	45.48	31.28
4291	2	25.23	36.84	-8.23e-03	0.0	0.0	-1161.83	0.57	0.47	0.0	-4.31	-25.29
		-25.29	-4.31	-7.02e-03	0.0	88.0	-1158.70	0.57	0.47	0.0	36.84	25.23
4291	3	23.54	34.24	-7.69e-03	0.0	0.0	-1081.91	0.54	0.44	0.0	-4.09	-23.54
		-23.54	-4.09	-6.57e-03	0.0	88.0	-1078.78	0.54	0.44	0.0	34.24	23.54
4291	4	20.16	28.90	-6.59e-03	0.0	0.0	-922.12	0.46	0.37	0.0	-3.69	-20.00
		-20.00	-3.69	-5.69e-03	0.0	88.0	-918.99	0.46	0.37	0.0	28.90	20.16
4291	5	20.16	28.90	-6.59e-03	0.0	0.0	-922.12	0.46	0.37	0.0	-3.69	-20.00
		-20.00	-3.69	-5.69e-03	0.0	88.0	-918.99	0.46	0.37	0.0	28.90	20.16
4292	1	21.81	19.27	2.31e-03	0.0	0.0	-1057.15	0.29	-0.74	-6.35	19.27	0.61
		0.61	-33.75	-0.02	0.0	72.0	-1053.82	0.29	-0.74	-6.35	-33.75	21.81
4292	2	17.69	15.45	1.87e-03	0.0	0.0	-858.84	0.24	-0.59	-5.13	15.45	0.44
		0.44	-27.23	-0.02	0.0	72.0	-856.28	0.24	-0.59	-5.13	-27.23	17.69
4292	3	16.37	14.52	1.74e-03	0.0	0.0	-792.90	0.22	-0.55	-4.78	14.52	0.46
		0.46	-25.38	-0.02	0.0	72.0	-790.34	0.22	-0.55	-4.78	-25.38	16.37
4292	4	13.73	12.63	1.47e-03	0.0	0.0	-661.02	0.18	-0.48	-4.08	12.63	0.54
		0.54	-21.64	-0.02	0.0	72.0	-658.45	0.18	-0.48	-4.08	-21.64	13.73
4292	5	13.73	12.63	1.47e-03	0.0	0.0	-661.02	0.18	-0.48	-4.08	12.63	0.54
		0.54	-21.64	-0.02	0.0	72.0	-658.45	0.18	-0.48	-4.08	-21.64	13.73
4293	1	0.0	0.0	3.23e-03	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
4293	2	0.0	0.0	2.62e-03	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
4293	3	0.0	0.0	2.43e-03	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
4293	4	0.0	0.0	2.06e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4293	5	0.0	0.0	2.06e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4294	1	24.23	-2.24	1.34e-03	0.0	0.0	-1056.78	0.46	-5.19e-03	0.44	-2.24	-9.13
		-9.13	-2.62	-0.02	0.0	72.0	-1053.45	0.46	-5.19e-03	0.44	-2.62	24.23
4294	2	19.68	-1.90	1.08e-03	0.0	0.0	-858.55	0.38	-2.23e-03	0.35	-1.90	-7.44
		-7.44	-2.06	-0.02	0.0	72.0	-855.99	0.38	-2.23e-03	0.35	-2.06	19.68
4294	3	18.18	-1.65	1.00e-03	0.0	0.0	-792.62	0.35	-4.80e-03	0.34	-1.65	-6.84
		-6.84	-1.99	-0.01	0.0	72.0	-790.06	0.35	-4.80e-03	0.34	-1.99	18.18
4294	4	15.24	-1.12	8.42e-04	0.0	0.0	-660.78	0.29	-0.01	0.27	-1.12	-5.66
		-5.66	-1.87	-0.01	0.0	72.0	-658.22	0.29	-0.01	0.27	-1.87	15.24
4294	5	15.24	-1.12	8.42e-04	0.0	0.0	-660.78	0.29	-0.01	0.27	-1.12	-5.66
		-5.66	-1.87	-0.01	0.0	72.0	-658.22	0.29	-0.01	0.27	-1.87	15.24
4295	1	0.0	0.0	2.28e-03	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
4295	2	0.0	0.0	1.84e-03	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
4295	3	0.0	0.0	1.71e-03	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
4295	4	0.0	0.0	1.44e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-9.96e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4295	5	0.0	0.0	1.44e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-9.96e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4296	1	25.94	12.82	2.99e-03	0.0	0.0	-1056.71	0.35	-0.29	8.52	12.82	0.75
		0.75	-7.73	-0.01	0.0	72.0	-1053.38	0.35	-0.29	8.52	-7.73	25.94
4296	2	21.06	10.61	2.42e-03	0.0	0.0	-858.49	0.28	-0.24	6.91	10.61	0.56
		0.56	-6.45	-0.01	0.0	72.0	-855.93	0.28	-0.24	6.91	-6.45	21.06
4296	3	19.45	9.57	2.25e-03	0.0	0.0	-792.57	0.26	-0.21	6.40	9.57	0.60
		0.60	-5.76	-9.35e-03	0.0	72.0	-790.01	0.26	-0.21	6.40	-5.76	19.45
4296	4	16.30	7.45	1.89e-03	0.0	0.0	-660.74	0.22	-0.16	5.43	7.45	0.65
		0.65	-4.34	-7.85e-03	0.0	72.0	-658.18	0.22	-0.16	5.43	-4.34	16.30
4296	5	16.30	7.45	1.89e-03	0.0	0.0	-660.74	0.22	-0.16	5.43	7.45	0.65
		0.65	-4.34	-7.85e-03	0.0	72.0	-658.18	0.22	-0.16	5.43	-4.34	16.30
4297	1	0.0	0.0	4.05e-03	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
4297	2	0.0	0.0	3.28e-03	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-8.48e-03	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
4297	3	0.0	0.0	3.04e-03	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0

		0.0	0.0	-7.85e-03	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
4297	4	0.0	0.0	2.56e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-6.58e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4297	5	0.0	0.0	2.56e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-6.58e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4298	1	26.67	32.26	4.61e-03	0.0	0.0	-1056.94	0.22	0.92	0.32	-33.69	10.89
		10.89	-33.69	-6.25e-03	0.0	72.0	-1053.61	0.22	0.92	0.32	32.26	26.67
4298	2	21.64	26.13	3.73e-03	0.0	0.0	-858.67	0.18	0.74	0.26	-27.28	8.78
		8.78	-27.28	-5.07e-03	0.0	72.0	-856.11	0.18	0.74	0.26	26.13	21.64
4298	3	20.01	24.23	3.46e-03	0.0	0.0	-792.74	0.16	0.69	0.24	-25.30	8.22
		8.22	-25.30	-4.69e-03	0.0	72.0	-790.18	0.16	0.69	0.24	24.23	20.01
4298	4	16.76	20.42	2.92e-03	0.0	0.0	-660.88	0.13	0.58	0.21	-21.33	7.13
		7.13	-21.33	-3.95e-03	0.0	72.0	-658.32	0.13	0.58	0.21	20.42	16.76
4298	5	16.76	20.42	2.92e-03	0.0	0.0	-660.88	0.13	0.58	0.21	-21.33	7.13
		7.13	-21.33	-3.95e-03	0.0	72.0	-658.32	0.13	0.58	0.21	20.42	16.76
4299	1	0.0	0.0	5.74e-03	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-4.30e-03	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
4299	2	0.0	0.0	4.65e-03	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.48e-03	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
4299	3	0.0	0.0	4.31e-03	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.23e-03	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
4299	4	0.0	0.0	3.64e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.71e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4299	5	0.0	0.0	3.64e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.71e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4300	1	27.61	63.08	3.12e-03	0.0	0.0	-1057.69	0.38	1.89	-8.72	-73.09	0.14
		0.14	-73.09	-2.13e-03	0.0	72.0	-1054.36	0.38	1.89	-8.72	63.08	27.61
4300	2	22.41	51.33	2.53e-03	0.0	0.0	-859.28	0.31	1.54	-7.06	-59.48	0.07
		0.07	-59.48	-1.72e-03	0.0	72.0	-856.72	0.31	1.54	-7.06	51.33	22.41
4300	3	20.74	47.39	2.34e-03	0.0	0.0	-793.31	0.29	1.42	-6.58	-54.91	0.13
		0.13	-54.91	-1.60e-03	0.0	72.0	-790.75	0.29	1.42	-6.58	47.39	20.74
4300	4	17.35	39.41	1.98e-03	0.0	0.0	-661.36	0.24	1.18	-5.56	-45.69	0.27
		0.27	-45.69	-1.36e-03	0.0	72.0	-658.80	0.24	1.18	-5.56	39.41	17.35
4300	5	17.35	39.41	1.98e-03	0.0	0.0	-661.36	0.24	1.18	-5.56	-45.69	0.27
		0.27	-45.69	-1.36e-03	0.0	72.0	-658.80	0.24	1.18	-5.56	39.41	17.35
4301	1	0.0	0.0	4.24e-03	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.06e-04	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
4301	2	0.0	0.0	3.43e-03	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.58e-04	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
4301	3	0.0	0.0	3.18e-03	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.55e-04	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
4301	4	0.0	0.0	2.68e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.54e-04	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4301	5	0.0	0.0	2.68e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.54e-04	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4302	1	27.78	10.23	1.64e-03	0.0	0.0	-1058.27	0.53	0.25	0.48	-8.10	-10.08
		-10.08	-8.10	-1.32e-03	0.0	72.0	-1054.94	0.53	0.25	0.48	10.23	27.78
4302	2	22.56	8.29	1.33e-03	0.0	0.0	-859.75	0.43	0.21	0.38	-6.56	-8.20
		-8.20	-6.56	-1.07e-03	0.0	72.0	-857.19	0.43	0.21	0.38	8.29	22.56
4302	3	20.87	7.60	1.23e-03	0.0	0.0	-793.74	0.39	0.19	0.38	-5.97	-7.55
		-7.55	-5.97	-9.95e-04	0.0	72.0	-791.18	0.39	0.19	0.38	7.60	20.87
4302	4	17.38	6.11	1.05e-03	0.0	0.0	-661.72	0.33	0.15	0.38	-4.67	-6.17
		-6.17	-4.67	-8.45e-04	0.0	72.0	-659.16	0.33	0.15	0.38	6.11	17.38
4302	5	17.38	6.11	1.05e-03	0.0	0.0	-661.72	0.33	0.15	0.38	-4.67	-6.17
		-6.17	-4.67	-8.45e-04	0.0	72.0	-659.16	0.33	0.15	0.38	6.11	17.38
4303	1	0.0	0.0	2.72e-03	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-7.38e-04	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
4303	2	0.0	0.0	2.20e-03	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-5.97e-04	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
4303	3	0.0	0.0	2.04e-03	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-5.57e-04	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
4303	4	0.0	0.0	1.72e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-4.80e-04	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4303	5	0.0	0.0	1.72e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-4.80e-04	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4304	1	27.28	31.10	3.41e-03	0.0	0.0	-1058.21	0.38	-0.75	9.20	31.10	-0.06
		-0.06	-23.16	-1.43e-03	0.0	72.0	-1054.88	0.38	-0.75	9.20	-23.16	27.28
4304	2	22.14	25.42	2.76e-03	0.0	0.0	-859.70	0.31	-0.62	7.44	25.42	-0.09
		-0.09	-18.95	-1.16e-03	0.0	72.0	-857.14	0.31	-0.62	7.44	-18.95	22.14
4304	3	20.47	23.19	2.56e-03	0.0	0.0	-793.70	0.28	-0.56	6.92	23.19	-0.01
		-0.01	-17.26	-1.07e-03	0.0	72.0	-791.14	0.28	-0.56	6.92	-17.26	20.47
4304	4	17.05	18.83	2.18e-03	0.0	0.0	-661.68	0.23	-0.46	5.80	18.83	0.21
		0.21	-13.97	-8.95e-04	0.0	72.0	-659.12	0.23	-0.46	5.80	-13.97	17.05
4304	5	17.05	18.83	2.18e-03	0.0	0.0	-661.68	0.23	-0.46	5.80	18.83	0.21
		0.21	-13.97	-8.95e-04	0.0	72.0	-659.12	0.23	-0.46	5.80	-13.97	17.05
4305	1	0.0	0.0	4.45e-03	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.64e-03	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0



4305	2	0.0	0.0	3.60e-03	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.34e-03	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
4305	3	0.0	0.0	3.34e-03	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.23e-03	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
4305	4	0.0	0.0	2.83e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.01e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4305	5	0.0	0.0	2.83e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.01e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4306	1	27.56	8.36	5.48e-03	0.0	0.0	-1058.11	0.26	0.24	1.88	-8.94	8.75
		8.75	-8.94	-7.46e-04	0.0	72.0	-1054.78	0.26	0.24	1.88	8.36	27.56
4306	2	22.36	6.77	4.44e-03	0.0	0.0	-859.62	0.21	0.19	1.52	-7.24	7.04
		7.04	-7.24	-6.03e-04	0.0	72.0	-857.06	0.21	0.19	1.52	6.77	22.36
4306	3	20.69	6.25	4.12e-03	0.0	0.0	-793.62	0.20	0.18	1.41	-6.69	6.61
		6.61	-6.69	-5.62e-04	0.0	72.0	-791.06	0.20	0.18	1.41	6.25	20.69
4306	4	17.31	5.36	3.49e-03	0.0	0.0	-661.63	0.16	0.15	1.21	-5.73	5.74
		5.74	-5.73	-4.72e-04	0.0	72.0	-659.07	0.16	0.15	1.21	5.36	17.31
4306	5	17.31	5.36	3.49e-03	0.0	0.0	-661.63	0.16	0.15	1.21	-5.73	5.74
		5.74	-5.73	-4.72e-04	0.0	72.0	-659.07	0.16	0.15	1.21	5.36	17.31
4307	1	0.0	0.0	6.46e-03	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.92e-04	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
4307	2	0.0	0.0	5.23e-03	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.16e-04	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
4307	3	0.0	0.0	4.85e-03	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.96e-04	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
4307	4	0.0	0.0	4.10e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.46e-04	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4307	5	0.0	0.0	4.10e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.46e-04	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4308	1	28.59	35.91	4.85e-03	0.0	0.0	-1058.44	0.42	1.13	-6.02	-45.44	-1.69
		-1.69	-45.44	-5.75e-04	0.0	72.0	-1055.11	0.42	1.13	-6.02	35.91	28.59
4308	2	23.20	29.27	3.92e-03	0.0	0.0	-859.89	0.34	0.92	-4.88	-37.01	-1.42
		-1.42	-37.01	-4.60e-04	0.0	72.0	-857.33	0.34	0.92	-4.88	29.27	23.20
4308	3	21.50	26.85	3.64e-03	0.0	0.0	-793.87	0.32	0.84	-4.57	-33.98	-1.28
		-1.28	-33.98	-4.36e-04	0.0	72.0	-791.31	0.32	0.84	-4.57	26.85	21.50
4308	4	18.03	22.24	3.09e-03	0.0	0.0	-661.83	0.26	0.70	-3.87	-28.19	-0.94
		-0.94	-28.19	-3.79e-04	0.0	72.0	-659.27	0.26	0.70	-3.87	22.24	18.03
4308	5	18.03	22.24	3.09e-03	0.0	0.0	-661.83	0.26	0.70	-3.87	-28.19	-0.94
		-0.94	-28.19	-3.79e-04	0.0	72.0	-659.27	0.26	0.70	-3.87	22.24	18.03
4309	1	0.0	0.0	5.68e-03	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	3.08e-04	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
4309	2	0.0	0.0	4.60e-03	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	2.58e-04	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
4309	3	0.0	0.0	4.27e-03	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	2.25e-04	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
4309	4	0.0	0.0	3.61e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	1.70e-04	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4309	5	0.0	0.0	3.61e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	1.70e-04	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4310	1	30.18	18.12	4.35e-03	0.0	0.0	-1058.58	0.58	-0.47	2.51	18.12	-11.72
		-11.72	-16.05	-1.89e-03	0.0	72.0	-1055.25	0.58	-0.47	2.51	-16.05	30.18
4310	2	24.49	14.65	3.51e-03	0.0	0.0	-860.00	0.47	-0.38	2.02	14.65	-9.54
		-9.54	-12.98	-1.53e-03	0.0	72.0	-857.44	0.47	-0.38	2.02	-12.98	24.49
4310	3	22.72	13.56	3.25e-03	0.0	0.0	-793.97	0.44	-0.36	1.90	13.56	-8.87
		-8.87	-12.01	-1.42e-03	0.0	72.0	-791.41	0.44	-0.36	1.90	-12.01	22.72
4310	4	19.06	11.63	2.77e-03	0.0	0.0	-661.92	0.37	-0.30	1.65	11.63	-7.34
		-7.34	-10.26	-1.21e-03	0.0	72.0	-659.36	0.37	-0.30	1.65	-10.26	19.06
4310	5	19.06	11.63	2.77e-03	0.0	0.0	-661.92	0.37	-0.30	1.65	11.63	-7.34
		-7.34	-10.26	-1.21e-03	0.0	72.0	-659.36	0.37	-0.30	1.65	-10.26	19.06
4311	1	0.0	0.0	5.06e-03	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.99e-03	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
4311	2	0.0	0.0	4.09e-03	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.61e-03	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
4311	3	0.0	0.0	3.79e-03	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.50e-03	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
4311	4	0.0	0.0	3.22e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.27e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4311	5	0.0	0.0	3.22e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.27e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4312	1	29.45	57.98	7.51e-03	0.0	0.0	-1058.07	0.35	-1.49	14.66	57.98	4.10
		4.10	-49.38	-2.34e-03	0.0	72.0	-1054.75	0.35	-1.49	14.66	-49.38	29.45
4312	2	23.90	47.25	6.06e-03	0.0	0.0	-859.59	0.29	-1.22	11.85	47.25	3.25
		3.25	-40.26	-1.90e-03	0.0	72.0	-857.03	0.29	-1.22	11.85	-40.26	23.90
4312	3	22.13	43.40	5.64e-03	0.0	0.0	-793.60	0.26	-1.12	11.06	43.40	3.08
		3.08	-36.96	-1.76e-03	0.0	72.0	-791.04	0.26	-1.12	11.06	-36.96	22.13
4312	4	18.53	35.83	4.80e-03	0.0	0.0	-661.60	0.22	-0.92	9.41	35.83	2.82
		2.82	-30.47	-1.48e-03	0.0	72.0	-659.04	0.22	-0.92	9.41	-30.47	18.53
4312	5	18.53	35.83	4.80e-03	0.0	0.0	-661.60	0.22	-0.92	9.41	35.83	2.82

		2.82	-30.47	-1.48e-03	0.0	72.0	-659.04	0.22	-0.92	9.41	-30.47	18.53
4313	1	0.0	0.0	8.12e-03	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-3.16e-03	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
4313	2	0.0	0.0	6.56e-03	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.57e-03	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
4313	3	0.0	0.0	6.10e-03	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-2.37e-03	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
4313	4	0.0	0.0	5.18e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.98e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4313	5	0.0	0.0	5.18e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-1.98e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4314	1	29.77	6.50	0.01	0.0	0.0	-1057.60	0.14	-0.23	-0.43	6.50	19.86
		19.86	-9.79	-2.81e-04	0.0	72.0	-1054.27	0.14	-0.23	-0.43	-9.79	29.77
4314	2	24.15	5.45	8.16e-03	0.0	0.0	-859.21	0.11	-0.19	-0.34	5.45	16.00
		16.00	-8.11	-2.18e-04	0.0	72.0	-856.65	0.11	-0.19	-0.34	-8.11	24.15
4314	3	22.34	4.82	7.60e-03	0.0	0.0	-793.24	0.10	-0.17	-0.32	4.82	14.97
		14.97	-7.29	-2.15e-04	0.0	72.0	-790.68	0.10	-0.17	-0.32	-7.29	22.34
4314	4	18.72	3.50	6.47e-03	0.0	0.0	-661.31	0.08	-0.13	-0.28	3.50	12.91
		12.91	-5.61	-2.10e-04	0.0	72.0	-658.75	0.08	-0.13	-0.28	-5.61	18.72
4314	5	18.72	3.50	6.47e-03	0.0	0.0	-661.31	0.08	-0.13	-0.28	3.50	12.91
		12.91	-5.61	-2.10e-04	0.0	72.0	-658.75	0.08	-0.13	-0.28	-5.61	18.72
4315	1	0.0	0.0	0.01	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-6.21e-04	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
4315	2	0.0	0.0	8.70e-03	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-5.00e-04	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
4315	3	0.0	0.0	8.09e-03	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-4.68e-04	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
4315	4	0.0	0.0	6.88e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-4.03e-04	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4315	5	0.0	0.0	6.88e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	-4.03e-04	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4316	1	31.08	5.93	8.86e-03	0.0	0.0	-1057.47	0.19	-0.15	-6.04	5.93	17.40
		17.40	-5.07	2.79e-03	0.0	72.0	-1054.14	0.19	-0.15	-6.04	-5.07	31.08
4316	2	25.20	4.85	7.16e-03	0.0	0.0	-859.10	0.16	-0.12	-4.88	4.85	14.03
		14.03	-4.14	2.29e-03	0.0	72.0	-856.54	0.16	-0.12	-4.88	-4.14	25.20
4316	3	23.31	4.43	6.67e-03	0.0	0.0	-793.14	0.14	-0.11	-4.55	4.43	13.13
		13.13	-3.79	2.08e-03	0.0	72.0	-790.58	0.14	-0.11	-4.55	-3.79	23.31
4316	4	19.55	3.57	5.67e-03	0.0	0.0	-661.24	0.11	-0.09	-3.87	3.57	11.34
		11.34	-3.06	1.66e-03	0.0	72.0	-658.68	0.11	-0.09	-3.87	-3.06	19.55
4316	5	19.55	3.57	5.67e-03	0.0	0.0	-661.24	0.11	-0.09	-3.87	3.57	11.34
		11.34	-3.06	1.66e-03	0.0	72.0	-658.68	0.11	-0.09	-3.87	-3.06	19.55
4317	1	0.0	0.0	9.74e-03	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	2.20e-03	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
4317	2	0.0	0.0	7.87e-03	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	1.81e-03	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
4317	3	0.0	0.0	7.32e-03	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	1.64e-03	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
4317	4	0.0	0.0	6.22e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	1.31e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4317	5	0.0	0.0	6.22e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	1.31e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4318	1	29.78	12.83	4.94e-03	0.0	0.0	-1057.51	0.39	0.45	-14.69	-19.63	1.87
		1.87	-19.63	6.12e-03	0.0	72.0	-1054.18	0.39	0.45	-14.69	12.83	29.78
4318	2	24.15	10.57	4.00e-03	0.0	0.0	-859.13	0.32	0.37	-11.87	-16.09	1.46
		1.46	-16.09	5.01e-03	0.0	72.0	-856.57	0.32	0.37	-11.87	10.57	24.15
4318	3	22.37	9.60	3.71e-03	0.0	0.0	-793.17	0.29	0.34	-11.09	-14.69	1.41
		1.41	-14.69	4.57e-03	0.0	72.0	-790.61	0.29	0.34	-11.09	9.60	22.37
4318	4	18.76	7.66	3.15e-03	0.0	0.0	-661.26	0.24	0.27	-9.47	-11.89	1.38
		1.38	-11.89	3.69e-03	0.0	72.0	-658.70	0.24	0.27	-9.47	7.66	18.76
4318	5	18.76	7.66	3.15e-03	0.0	0.0	-661.26	0.24	0.27	-9.47	-11.89	1.38
		1.38	-11.89	3.69e-03	0.0	72.0	-658.70	0.24	0.27	-9.47	7.66	18.76
4319	1	0.0	0.0	5.94e-03	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	5.28e-03	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
4319	2	0.0	0.0	4.80e-03	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	4.33e-03	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
4319	3	0.0	0.0	4.46e-03	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	3.94e-03	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
4319	4	0.0	0.0	3.78e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	3.18e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4319	5	0.0	0.0	3.78e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	3.18e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4320	1	24.16	44.89	1.44e-03	0.0	0.0	-1057.34	0.46	-1.09	-3.22	44.89	-9.00
		-9.00	-33.31	9.28e-03	0.0	72.0	-1054.01	0.46	-1.09	-3.22	-33.31	24.16
4320	2	19.62	36.28	1.16e-03	0.0	0.0	-858.99	0.37	-0.88	-2.59	36.28	-7.34
		-7.34	-26.90	7.59e-03	0.0	72.0	-856.43	0.37	-0.88	-2.59	-26.90	19.62
4320	3	18.15	33.73	1.07e-03	0.0	0.0	-793.04	0.35	-0.82	-2.38	33.73	-6.77
		-6.77	-25.04	6.94e-03	0.0	72.0	-790.48	0.35	-0.82	-2.38	-25.04	18.15



4320	4	15.19	28.70	9.02e-04	0.0	0.0	-661.14	0.29	-0.70	-2.04	28.70	-5.61
		-5.61	-21.35	5.65e-03	0.0	72.0	-658.58	0.29	-0.70	-2.04	-21.35	15.19
4320	5	15.19	28.70	9.02e-04	0.0	0.0	-661.14	0.29	-0.70	-2.04	28.70	-5.61
		-5.61	-21.35	5.65e-03	0.0	72.0	-658.58	0.29	-0.70	-2.04	-21.35	15.19
4321	1	0.0	0.0	2.36e-03	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	7.09e-03	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
4321	2	0.0	0.0	1.91e-03	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	5.81e-03	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
4321	3	0.0	0.0	1.77e-03	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	5.30e-03	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
4321	4	0.0	0.0	1.48e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	4.29e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4321	5	0.0	0.0	1.48e-03	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	4.29e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4322	1	19.29	15.31	-1.45e-04	0.0	0.0	-1057.29	0.36	0.22	-3.03	-0.36	-6.77
		-6.77	-0.36	0.01	0.0	72.0	-1053.96	0.36	0.22	-3.03	15.31	19.29
4322	2	15.67	12.41	-1.13e-04	0.0	0.0	-858.96	0.29	0.18	-2.43	-0.25	-5.51
		-5.51	-0.25	0.01	0.0	72.0	-856.39	0.29	0.18	-2.43	12.41	15.67
4322	3	14.46	11.48	-1.11e-04	0.0	0.0	-793.01	0.27	0.16	-2.29	-0.26	-5.05
		-5.05	-0.26	0.01	0.0	72.0	-790.45	0.27	0.16	-2.29	11.48	14.46
4322	4	12.06	9.67	-1.05e-04	0.0	0.0	-661.11	0.23	0.14	-1.98	-0.34	-4.20
		-4.20	-0.34	8.33e-03	0.0	72.0	-658.55	0.23	0.14	-1.98	9.67	12.06
4322	5	12.06	9.67	-1.05e-04	0.0	0.0	-661.11	0.23	0.14	-1.98	-0.34	-4.20
		-4.20	-0.34	8.33e-03	0.0	72.0	-658.55	0.23	0.14	-1.98	9.67	12.06
4323	1	0.0	0.0	9.92e-04	0.0	0.0	-1076.27	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	60.0	-1073.50	0.0	0.0	0.0	0.0	0.0
4323	2	0.0	0.0	8.11e-04	0.0	0.0	-874.63	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	9.95e-03	0.0	60.0	-872.50	0.0	0.0	0.0	0.0	0.0
4323	3	0.0	0.0	7.42e-04	0.0	0.0	-807.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	9.13e-03	0.0	60.0	-805.00	0.0	0.0	0.0	0.0	0.0
4323	4	0.0	0.0	6.02e-04	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	7.50e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4323	5	0.0	0.0	6.02e-04	0.0	0.0	-672.13	0.0	0.0	0.0	0.0	0.0
		0.0	0.0	7.50e-03	0.0	60.0	-670.00	0.0	0.0	0.0	0.0	0.0
4324	1	31.27	9.76	0.01	0.0	0.0	-1102.37	-0.87	0.22	0.0	-9.79	31.27
		-45.19	-9.79	-0.01	0.0	88.0	-1098.30	-0.87	0.22	0.0	9.76	-45.19
4324	2	25.37	7.88	9.81e-03	0.0	0.0	-891.78	-0.70	0.18	0.0	-7.94	25.37
		-36.54	-7.94	-8.30e-03	0.0	88.0	-888.65	-0.70	0.18	0.0	7.88	-36.54
4324	3	23.48	7.35	9.11e-03	0.0	0.0	-828.49	-0.65	0.17	0.0	-7.43	23.48
		-33.97	-7.43	-7.76e-03	0.0	88.0	-825.36	-0.65	0.17	0.0	7.35	-33.97
4324	4	19.69	6.26	7.71e-03	0.0	0.0	-701.94	-0.55	0.14	0.0	-6.24	19.69
		-28.84	-6.24	-6.64e-03	0.0	88.0	-698.81	-0.55	0.14	0.0	6.26	-28.84
4324	5	19.69	6.26	7.71e-03	0.0	0.0	-701.94	-0.55	0.14	0.0	-6.24	19.69
		-28.84	-6.24	-6.64e-03	0.0	88.0	-698.81	-0.55	0.14	0.0	6.26	-28.84
4325	1	30.69	11.90	9.43e-03	0.0	0.0	-1727.31	-0.72	-0.24	0.0	11.90	30.69
		-32.96	-8.88	-0.01	0.0	88.0	-1723.25	-0.72	-0.24	0.0	-8.88	-32.96
4325	2	24.89	9.60	7.64e-03	0.0	0.0	-1398.10	-0.59	-0.19	0.0	9.60	24.89
		-26.67	-7.22	-8.59e-03	0.0	88.0	-1394.97	-0.59	-0.19	0.0	-7.22	-26.67
4325	3	23.04	8.90	7.08e-03	0.0	0.0	-1297.87	-0.54	-0.18	0.0	8.90	23.04
		-24.76	-6.62	-8.04e-03	0.0	88.0	-1294.74	-0.54	-0.18	0.0	-6.62	-24.76
4325	4	19.32	7.54	5.98e-03	0.0	0.0	-1097.41	-0.46	-0.15	0.0	7.54	19.32
		-20.97	-5.41	-6.92e-03	0.0	88.0	-1094.28	-0.46	-0.15	0.0	-5.41	-20.97
4325	5	19.32	7.54	5.98e-03	0.0	0.0	-1097.41	-0.46	-0.15	0.0	7.54	19.32
		-20.97	-5.41	-6.92e-03	0.0	88.0	-1094.28	-0.46	-0.15	0.0	-5.41	-20.97
4326	1	53.32	-0.69	-0.02	0.0	0.0	-2071.14	1.22	-0.10	0.0	-0.69	-53.74
		-53.74	-9.82	-9.96e-03	0.0	88.0	-2067.07	1.22	-0.10	0.0	-9.82	53.32
4326	2	43.06	-0.48	-0.01	0.0	0.0	-1675.51	0.98	-0.09	0.0	-0.48	-43.49
		-43.49	-8.00	-8.03e-03	0.0	88.0	-1672.38	0.98	-0.09	0.0	-8.00	43.06
4326	3	40.11	-0.54	-0.01	0.0	0.0	-1556.68	0.91	-0.08	0.0	-0.54	-40.39
		-40.39	-7.37	-7.50e-03	0.0	88.0	-1553.55	0.91	-0.08	0.0	-7.37	40.11
4326	4	34.23	-0.76	-0.01	0.0	0.0	-1318.85	0.78	-0.06	0.0	-0.76	-34.16
		-34.16	-6.09	-6.49e-03	0.0	88.0	-1315.72	0.78	-0.06	0.0	-6.09	34.23
4326	5	34.23	-0.76	-0.01	0.0	0.0	-1318.85	0.78	-0.06	0.0	-0.76	-34.16
		-34.16	-6.09	-6.49e-03	0.0	88.0	-1315.72	0.78	-0.06	0.0	-6.09	34.23
4327	1	62.38	6.58	-0.02	0.0	0.0	-1316.19	1.36	-0.31	0.0	6.58	-57.44
		-57.44	-20.64	1.30e-03	0.0	88.0	-1312.12	1.36	-0.31	0.0	-20.64	62.38
4327	2	50.37	5.07	-0.02	0.0	0.0	-1064.00	1.10	-0.25	0.0	5.07	-46.47
		-46.47	-16.54	9.98e-04	0.0	88.0	-1060.87	1.10	-0.25	0.0	-16.54	50.37
4327	3	46.93	5.09	-0.02	0.0	0.0	-989.55	1.02	-0.24	0.0	5.09	-43.17
		-43.17	-15.59	1.01e-03	0.0	88.0	-986.42	1.02	-0.24	0.0	-15.59	46.93
4327	4	40.05	4.96	-0.01	0.0	0.0	-840.65	0.87	-0.21	0.0	4.96	-36.56
		-36.56	-13.66	1.01e-03	0.0	88.0	-837.52	0.87	-0.21	0.0	-13.66	40.05
4327	5	40.05	4.96	-0.01	0.0	0.0	-840.65	0.87	-0.21	0.0	4.96	-36.56
		-36.56	-13.66	1.01e-03	0.0	88.0	-837.52	0.87	-0.21	0.0	-13.66	40.05
4328	1	33.25	8.24	0.01	0.0	0.0	-1202.84	-0.89	0.20	0.0	-9.45	33.25
		-44.81	-9.45	-0.01	0.0	88.0	-1198.77	-0.89	0.20	0.0	8.24	-44.81
4328	2	26.97	6.66	9.60e-03	0.0	0.0	-972.91	-0.72	0.16	0.0	-7.68	26.97

4328	3	-36.24	-7.68	-8.39e-03	0.0	88.0	-969.78	-0.72	0.16	0.0	6.66	-36.24
		24.95	6.21	8.91e-03	0.0	0.0	-904.09	-0.67	0.15	0.0	-7.17	24.95
4328	4	-33.68	-7.17	-7.85e-03	0.0	88.0	-900.96	-0.67	0.15	0.0	6.21	-33.68
		20.94	5.27	7.54e-03	0.0	0.0	-766.46	-0.56	0.13	0.0	-6.00	20.94
4328	5	-28.57	-6.00	-6.72e-03	0.0	88.0	-763.33	-0.56	0.13	0.0	5.27	-28.57
		20.94	5.27	7.54e-03	0.0	0.0	-766.46	-0.56	0.13	0.0	-6.00	20.94
4329	1	-28.57	-6.00	-6.72e-03	0.0	88.0	-763.33	-0.56	0.13	0.0	5.27	-28.57
		31.65	10.44	9.54e-03	0.0	0.0	-1973.30	-0.75	-0.27	0.0	10.44	31.65
4329	2	-34.29	-13.59	-0.01	0.0	88.0	-1969.23	-0.75	-0.27	0.0	-13.59	-34.29
		25.68	8.42	7.73e-03	0.0	0.0	-1596.46	-0.61	-0.22	0.0	8.42	25.68
4329	3	-27.74	-11.05	-8.65e-03	0.0	88.0	-1593.33	-0.61	-0.22	0.0	-11.05	-27.74
		23.75	7.81	7.16e-03	0.0	0.0	-1482.97	-0.56	-0.20	0.0	7.81	23.75
4329	4	-25.76	-10.15	-8.10e-03	0.0	88.0	-1479.84	-0.56	-0.20	0.0	-10.15	-25.76
		19.94	6.62	6.05e-03	0.0	0.0	-1256.00	-0.47	-0.17	0.0	6.62	19.94
4329	5	-21.81	-8.37	-6.97e-03	0.0	88.0	-1252.87	-0.47	-0.17	0.0	-8.37	-21.81
		19.94	6.62	6.05e-03	0.0	0.0	-1256.00	-0.47	-0.17	0.0	6.62	19.94
4330	1	-21.81	-8.37	-6.97e-03	0.0	88.0	-1252.87	-0.47	-0.17	0.0	-8.37	-21.81
		52.98	0.23	-0.02	0.0	0.0	-2102.28	1.23	-0.12	0.0	0.23	-54.95
4330	2	-54.95	-10.29	-0.01	0.0	88.0	-2098.22	1.23	-0.12	0.0	-10.29	52.98
		42.79	0.27	-0.02	0.0	0.0	-1700.44	0.99	-0.10	0.0	0.27	-44.47
4330	3	-44.47	-8.42	-8.12e-03	0.0	88.0	-1697.31	0.99	-0.10	0.0	-8.42	42.79
		39.86	0.15	-0.01	0.0	0.0	-1580.07	0.92	-0.09	0.0	0.15	-41.30
4330	4	-41.30	-7.71	-7.58e-03	0.0	88.0	-1576.94	0.92	-0.09	0.0	-7.71	39.86
		34.01	-0.18	-0.01	0.0	0.0	-1339.53	0.78	-0.07	0.0	-0.18	-34.93
4330	5	-34.93	-6.26	-6.56e-03	0.0	88.0	-1336.40	0.78	-0.07	0.0	-6.26	34.01
		34.01	-0.18	-0.01	0.0	0.0	-1339.53	0.78	-0.07	0.0	-0.18	-34.93
4331	1	-34.93	-6.26	-6.56e-03	0.0	88.0	-1336.40	0.78	-0.07	0.0	-6.26	34.01
		61.93	6.86	-0.02	0.0	0.0	-1306.80	1.36	-0.28	0.0	6.86	-58.10
4331	2	-58.10	-17.61	1.31e-03	0.0	88.0	-1302.74	1.36	-0.28	0.0	-17.61	61.93
		50.01	5.30	-0.02	0.0	0.0	-1056.36	1.10	-0.22	0.0	5.30	-47.00
4331	3	-47.00	-14.11	9.92e-04	0.0	88.0	-1053.23	1.10	-0.22	0.0	-14.11	50.01
		46.59	5.31	-0.02	0.0	0.0	-982.49	1.03	-0.21	0.0	5.31	-43.68
4331	4	-43.68	-13.32	1.02e-03	0.0	88.0	-979.36	1.03	-0.21	0.0	-13.32	46.59
		39.74	5.14	-0.01	0.0	0.0	-834.77	0.87	-0.19	0.0	5.14	-36.99
4331	5	-36.99	-11.65	1.02e-03	0.0	88.0	-831.64	0.87	-0.19	0.0	-11.65	39.74
		39.74	5.14	-0.01	0.0	0.0	-834.77	0.87	-0.19	0.0	5.14	-36.99
4332	1	-36.99	-11.65	1.02e-03	0.0	88.0	-831.64	0.87	-0.19	0.0	-11.65	39.74
		40.92	7.38	0.01	0.0	0.0	-1491.81	-1.03	0.16	0.0	-6.79	40.92
4332	2	-49.78	-6.79	-0.01	0.0	88.0	-1487.74	-1.03	0.16	0.0	7.38	-49.78
		33.17	5.97	0.01	0.0	0.0	-1205.36	-0.83	0.13	0.0	-5.54	33.17
4332	3	-40.21	-5.54	-8.48e-03	0.0	88.0	-1202.23	-0.83	0.13	0.0	5.97	-40.21
		30.72	5.57	0.01	0.0	0.0	-1121.89	-0.77	0.12	0.0	-5.17	30.72
4332	4	-37.44	-5.17	-7.93e-03	0.0	88.0	-1118.76	-0.77	0.12	0.0	5.57	-37.44
		25.87	4.73	9.42e-03	0.0	0.0	-954.87	-0.66	0.10	0.0	-4.25	25.87
4332	5	-31.89	-4.25	-6.79e-03	0.0	88.0	-951.74	-0.66	0.10	0.0	4.73	-31.89
		25.87	4.73	9.42e-03	0.0	0.0	-954.87	-0.66	0.10	0.0	-4.25	25.87
4333	1	-31.89	-4.25	-6.79e-03	0.0	88.0	-951.74	-0.66	0.10	0.0	4.73	-31.89
		39.17	10.17	0.01	0.0	0.0	-2167.72	-0.90	-0.30	0.0	10.17	39.17
4333	2	-39.59	-16.02	-0.01	0.0	88.0	-2163.65	-0.90	-0.30	0.0	-16.02	39.59
		31.75	8.19	0.01	0.0	0.0	-1753.00	-0.72	-0.24	0.0	8.19	31.75
4333	3	-31.99	-13.03	-8.71e-03	0.0	88.0	-1749.87	-0.72	-0.24	0.0	-13.03	-31.99
		29.41	7.60	9.39e-03	0.0	0.0	-1629.58	-0.67	-0.22	0.0	7.60	29.41
4333	4	-29.77	-11.95	-8.15e-03	0.0	88.0	-1626.45	-0.67	-0.22	0.0	-11.95	-29.77
		24.76	6.46	7.98e-03	0.0	0.0	-1382.63	-0.57	-0.19	0.0	6.46	24.76
4333	5	-25.32	-9.83	-7.01e-03	0.0	88.0	-1379.50	-0.57	-0.19	0.0	-9.83	-25.32
		24.76	6.46	7.98e-03	0.0	0.0	-1382.63	-0.57	-0.19	0.0	6.46	24.76
4334	1	-25.32	-9.83	-7.01e-03	0.0	88.0	-1379.50	-0.57	-0.19	0.0	-9.83	-25.32
		46.77	1.59	-0.02	0.0	0.0	-2128.24	1.11	-0.13	0.0	1.59	-51.05
4334	2	-51.05	-10.28	-0.01	0.0	88.0	-2124.17	1.11	-0.13	0.0	-10.28	46.77
		37.77	1.36	-0.01	0.0	0.0	-1721.14	0.90	-0.11	0.0	1.36	-41.30
4334	3	-41.30	-8.44	-8.19e-03	0.0	88.0	-1718.01	0.90	-0.11	0.0	-8.44	37.77
		35.18	1.18	-0.01	0.0	0.0	-1599.82	0.84	-0.10	0.0	1.18	-38.37
4334	4	-38.37	-7.69	-7.66e-03	0.0	88.0	-1596.69	0.84	-0.10	0.0	-7.69	35.18
		30.01	0.71	-9.97e-03	0.0	0.0	-1357.16	0.71	-0.08	0.0	0.71	-32.48
4334	5	-32.48	-6.15	-6.62e-03	0.0	88.0	-1354.03	0.71	-0.08	0.0	-6.15	30.01
		30.01	0.71	-9.97e-03	0.0	0.0	-1357.16	0.71	-0.08	0.0	0.71	-32.48
4335	1	-32.48	-6.15	-6.62e-03	0.0	88.0	-1354.03	0.71	-0.08	0.0	-6.15	30.01
		56.47	6.77	-0.02	0.0	0.0	-1328.76	1.25	-0.23	0.0	6.77	-53.76
4335	2	-53.76	-13.74	1.29e-03	0.0	88.0	-1324.69	1.25	-0.23	0.0	-13.74	56.47
		45.60	5.23	-0.01	0.0	0.0	-1073.95	1.01	-0.18	0.0	5.23	-43.47
4335	3	-43.47	-11.02	9.79e-04	0.0	88.0	-1070.82	1.01	-0.18	0.0	-11.02	45.60
		42.48	5.24	-0.01	0.0	0.0	-999.09	0.94	-0.18	0.0	5.24	-40.41
4335	4	-40.41	-10.41	1.01e-03	0.0	88.0	-995.96	0.94	-0.18	0.0	-10.41	42.48
		36.25	5.07	-0.01	0.0	0.0	-849.38	0.80	-0.16	0.0	5.07	-34.24
4335	5	-34.24	-9.10	1.01e-03	0.0	88.0	-846.25	0.80	-0.16	0.0	-9.10	36.25
		36.25	5.07	-0.01	0.0	0.0	-849.38	0.80	-0.16	0.0	5.07	-34.24
4335		-34.24	-9.10	1.01e-03	0.0	88.0	-846.25	0.80	-0.16	0.0	-9.10	36.25



4340	1	36.22	6.82	0.02	0.0	0.0	-1192.90	-0.90	0.09	0.0	-1.39	36.22
		-42.60	-1.39	-0.01	0.0	88.0	-1188.84	-0.90	0.09	0.0	6.82	-42.60
4340	2	29.30	5.51	0.01	0.0	0.0	-963.70	-0.72	0.08	0.0	-1.20	29.30
		-34.34	-1.20	-8.68e-03	0.0	88.0	-960.58	-0.72	0.08	0.0	5.51	-34.34
4340	3	27.18	5.15	0.01	0.0	0.0	-897.14	-0.67	0.07	0.0	-1.10	27.18
		-32.05	-1.10	-8.12e-03	0.0	88.0	-894.01	-0.67	0.07	0.0	5.15	-32.05
4340	4	23.04	4.40	0.01	0.0	0.0	-764.04	-0.57	0.06	0.0	-0.73	23.04
		-27.49	-0.73	-6.95e-03	0.0	88.0	-760.91	-0.57	0.06	0.0	4.40	-27.49
4340	5	23.04	4.40	0.01	0.0	0.0	-764.04	-0.57	0.06	0.0	-0.73	23.04
		-27.49	-0.73	-6.95e-03	0.0	88.0	-760.91	-0.57	0.06	0.0	4.40	-27.49
4341	1	31.74	17.99	0.01	0.0	0.0	-1727.87	-0.72	-0.43	0.0	17.99	31.74
		-31.25	-19.51	-0.01	0.0	88.0	-1723.80	-0.72	-0.43	0.0	-19.51	-31.25
4341	2	25.69	14.49	0.01	0.0	0.0	-1397.70	-0.58	-0.35	0.0	14.49	25.69
		-25.20	-15.88	-8.77e-03	0.0	88.0	-1394.57	-0.58	-0.35	0.0	-15.88	-25.20
4341	3	23.81	13.48	9.95e-03	0.0	0.0	-1298.82	-0.54	-0.32	0.0	13.48	23.81
		-23.51	-14.57	-8.21e-03	0.0	88.0	-1295.69	-0.54	-0.32	0.0	-14.57	-23.51
4341	4	20.15	11.53	8.52e-03	0.0	0.0	-1100.93	-0.46	-0.27	0.0	11.53	20.15
		-20.17	-11.99	-7.06e-03	0.0	88.0	-1097.80	-0.46	-0.27	0.0	-11.99	-20.17
4341	5	20.15	11.53	8.52e-03	0.0	0.0	-1100.93	-0.46	-0.27	0.0	11.53	20.15
		-20.17	-11.99	-7.06e-03	0.0	88.0	-1097.80	-0.46	-0.27	0.0	-11.99	-20.17
4342	1	22.93	7.58	-6.46e-03	0.0	0.0	-1759.50	0.55	-0.22	0.0	7.58	-25.74
		-25.74	-12.05	-0.01	0.0	88.0	-1755.43	0.55	-0.22	0.0	-12.05	22.93
4342	2	18.51	6.18	-5.21e-03	0.0	0.0	-1423.02	0.45	-0.18	0.0	6.18	-20.82
		-20.82	-9.88	-8.27e-03	0.0	88.0	-1419.89	0.45	-0.18	0.0	-9.88	18.51
4342	3	17.25	5.71	-4.86e-03	0.0	0.0	-1322.34	0.42	-0.17	0.0	5.71	-19.36
		-19.36	-9.02	-7.72e-03	0.0	88.0	-1319.21	0.42	-0.17	0.0	-9.02	17.25
4342	4	14.74	4.60	-4.14e-03	0.0	0.0	-1121.36	0.35	-0.13	0.0	4.60	-16.38
		-16.38	-7.24	-6.68e-03	0.0	88.0	-1118.23	0.35	-0.13	0.0	-7.24	14.74
4342	5	14.74	4.60	-4.14e-03	0.0	0.0	-1121.36	0.35	-0.13	0.0	4.60	-16.38
		-16.38	-7.24	-6.68e-03	0.0	88.0	-1118.23	0.35	-0.13	0.0	-7.24	14.74
4343	1	33.72	3.70	-8.93e-03	0.0	0.0	-1401.75	0.71	-0.09	0.0	3.70	-29.08
		-29.08	-4.46	1.13e-03	0.0	88.0	-1397.68	0.71	-0.09	0.0	-4.46	33.72
4343	2	27.20	2.76	-7.21e-03	0.0	0.0	-1131.88	0.58	-0.07	0.0	2.76	-23.52
		-23.52	-3.58	8.50e-04	0.0	88.0	-1128.75	0.58	-0.07	0.0	-3.58	27.20
4343	3	25.38	2.94	-6.72e-03	0.0	0.0	-1054.42	0.54	-0.07	0.0	2.94	-21.88
		-21.88	-3.42	8.87e-04	0.0	88.0	-1051.29	0.54	-0.07	0.0	-3.42	25.38
4343	4	21.72	3.07	-5.74e-03	0.0	0.0	-899.55	0.46	-0.07	0.0	3.07	-18.52
		-18.52	-2.95	9.10e-04	0.0	88.0	-896.42	0.46	-0.07	0.0	-2.95	21.72
4343	5	21.72	3.07	-5.74e-03	0.0	0.0	-899.55	0.46	-0.07	0.0	3.07	-18.52
		-18.52	-2.95	9.10e-04	0.0	88.0	-896.42	0.46	-0.07	0.0	-2.95	21.72
4344	1	43.18	6.60	0.02	0.0	0.0	-702.32	-1.00	0.08	0.0	-0.70	43.18
		-45.08	-0.70	-0.01	0.0	88.0	-698.25	-1.00	0.08	0.0	6.60	-45.08
4344	2	34.92	5.33	0.01	0.0	0.0	-567.13	-0.81	0.07	0.0	-0.66	34.92
		-36.36	-0.66	-8.86e-03	0.0	88.0	-564.00	-0.81	0.07	0.0	5.33	-36.36
4344	3	32.48	4.99	0.01	0.0	0.0	-528.31	-0.75	0.06	0.0	-0.59	32.48
		-33.92	-0.59	-8.28e-03	0.0	88.0	-525.18	-0.75	0.06	0.0	4.99	-33.92
4344	4	27.57	4.26	0.01	0.0	0.0	-450.62	-0.64	0.05	0.0	-0.27	27.57
		-29.07	-0.27	-7.09e-03	0.0	88.0	-447.49	-0.64	0.05	0.0	4.26	-29.07
4344	5	27.57	4.26	0.01	0.0	0.0	-450.62	-0.64	0.05	0.0	-0.27	27.57
		-29.07	-0.27	-7.09e-03	0.0	88.0	-447.49	-0.64	0.05	0.0	4.26	-29.07
4345	1	42.10	23.87	0.02	0.0	0.0	-1283.11	-0.92	-0.51	0.0	23.87	42.10
		-38.99	-21.35	-0.01	0.0	88.0	-1279.05	-0.92	-0.51	0.0	-21.35	-38.99
4345	2	34.04	19.23	0.01	0.0	0.0	-1036.75	-0.74	-0.42	0.0	19.23	34.04
		-31.45	-17.37	-8.86e-03	0.0	88.0	-1033.62	-0.74	-0.42	0.0	-17.37	-31.45
4345	3	31.66	17.91	0.01	0.0	0.0	-964.85	-0.69	-0.38	0.0	17.91	31.66
		-29.33	-15.96	-8.29e-03	0.0	88.0	-961.72	-0.69	-0.38	0.0	-15.96	-29.33
4345	4	26.89	15.34	0.01	0.0	0.0	-821.20	-0.59	-0.32	0.0	15.34	26.89
		-25.14	-13.18	-7.13e-03	0.0	88.0	-818.07	-0.59	-0.32	0.0	-13.18	-25.14
4345	5	26.89	15.34	0.01	0.0	0.0	-821.20	-0.59	-0.32	0.0	15.34	26.89
		-25.14	-13.18	-7.13e-03	0.0	88.0	-818.07	-0.59	-0.32	0.0	-13.18	-25.14
4346	1	8.18	14.50	1.27e-03	0.0	0.0	-1352.29	0.19	-0.33	0.0	14.50	-8.28
		-8.28	-14.15	-0.01	0.0	88.0	-1348.23	0.19	-0.33	0.0	-14.15	8.18
4346	2	6.63	11.76	1.02e-03	0.0	0.0	-1092.52	0.15	-0.27	0.0	11.76	-6.73
		-6.73	-11.58	-8.36e-03	0.0	88.0	-1089.39	0.15	-0.27	0.0	-11.58	6.63
4346	3	6.15	10.92	9.69e-04	0.0	0.0	-1016.91	0.14	-0.24	0.0	10.92	-6.19
		-6.19	-10.60	-7.81e-03	0.0	88.0	-1013.78	0.14	-0.24	0.0	-10.60	6.15
4346	4	5.17	9.08	8.67e-04	0.0	0.0	-865.81	0.12	-0.20	0.0	9.08	-5.14
		-5.14	-8.59	-6.75e-03	0.0	88.0	-862.68	0.12	-0.20	0.0	-8.59	5.17
4346	5	5.17	9.08	8.67e-04	0.0	0.0	-865.81	0.12	-0.20	0.0	9.08	-5.14
		-5.14	-8.59	-6.75e-03	0.0	88.0	-862.68	0.12	-0.20	0.0	-8.59	5.17
4347	1	11.45	5.18	4.00e-04	0.0	0.0	-423.17	0.24	-0.08	0.0	5.18	-10.06
		-10.06	-1.72	9.38e-04	0.0	88.0	-419.10	0.24	-0.08	0.0	-1.72	11.45
4347	2	9.27	3.95	3.11e-04	0.0	0.0	-342.40	0.20	-0.06	0.0	3.95	-8.17
		-8.17	-1.39	6.93e-04	0.0	88.0	-339.27	0.20	-0.06	0.0	-1.39	9.27
4347	3	8.61	4.05	3.11e-04	0.0	0.0	-318.05	0.18	-0.06	0.0	4.05	-7.53
		-7.53	-1.36	7.41e-04	0.0	88.0	-314.93	0.18	-0.06	0.0	-1.36	8.61
4347	4	7.28	4.02	3.05e-04	0.0	0.0	-269.19	0.15	-0.06	0.0	4.02	-6.28

4347	5	-6.28	-1.13	7.86e-04	0.0	88.0	-266.06	0.15	-0.06	0.0	-1.13	7.28
		7.28	4.02	3.05e-04	0.0	0.0	-269.19	0.15	-0.06	0.0	4.02	-6.28
		-6.28	-1.13	7.86e-04	0.0	88.0	-266.06	0.15	-0.06	0.0	-1.13	7.28

Pilas.	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	N	V 2	V 3	T
	-647.44	-723.55	-0.15	0.0	-3588.71	-16.19	-8.46	-29.51
	486.29	570.01	0.13	0.0	0.0	14.02	12.18	28.96

Trave	Cmb	M3 mx/mn daN cm	M2 mx/mn daN cm	D 2 / D 3 cm	Q 2 / Q 3 daN	Pos. cm	N daN	V 2 daN	V 3 daN	T daN cm	M 2 daN cm	M 3 daN cm
1	1	86.46	0.0	0.0	-5.09	0.0	185.47	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	189.17	-2.54	0.0	0.0	0.0	0.0
1	2	66.51	0.0	0.0	-3.91	0.0	149.39	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	152.24	-1.96	0.0	0.0	0.0	0.0
1	3	66.51	0.0	0.0	-3.91	0.0	139.81	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	142.65	-1.96	0.0	0.0	0.0	0.0
1	4	66.51	0.0	0.0	-3.91	0.0	120.35	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	123.19	-1.96	0.0	0.0	0.0	0.0
1	5	66.51	0.0	0.0	-3.91	0.0	120.35	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	123.19	-1.96	0.0	0.0	0.0	0.0
2	1	86.46	0.0	0.0	-5.09	0.0	1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.85	-2.54	0.0	0.0	0.0	0.0
2	3	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.42	-1.96	0.0	0.0	0.0	0.0
2	4	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
2	5	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
3	1	492.83	0.0	0.0	-12.02	0.0	-4.12	6.01	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	5.13	-6.01	0.0	0.0	0.0	0.0
3	3	379.10	0.0	0.0	-9.25	0.0	-3.18	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	3.93	-4.62	0.0	0.0	0.0	0.0
3	4	379.10	0.0	0.0	-9.25	0.0	-3.21	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	3.90	-4.62	0.0	0.0	0.0	0.0
3	5	379.10	0.0	0.0	-9.25	0.0	-3.21	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	3.90	-4.62	0.0	0.0	0.0	0.0
4	1	86.46	0.0	0.0	-5.09	0.0	-1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.85	-2.54	0.0	0.0	0.0	0.0
4	3	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
4	4	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
4	5	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
5	1	62.62	0.0	0.0	-4.16	0.0	142.46	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	138.76	-2.08	0.0	0.0	0.0	0.0
5	2	48.17	0.0	0.0	-3.20	0.0	114.94	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	112.09	-1.60	0.0	0.0	0.0	0.0
5	3	48.17	0.0	0.0	-3.20	0.0	106.83	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	103.99	-1.60	0.0	0.0	0.0	0.0
5	4	48.17	0.0	0.0	-3.20	0.0	91.36	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	88.52	-1.60	0.0	0.0	0.0	0.0
5	5	48.17	0.0	0.0	-3.20	0.0	91.36	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	88.52	-1.60	0.0	0.0	0.0	0.0
6	1	69.97	0.0	0.0	-4.16	0.0	73.60	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	78.22	-2.08	0.0	0.0	0.0	0.0
6	2	53.82	0.0	0.0	-3.20	0.0	59.32	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	62.88	-1.60	0.0	0.0	0.0	0.0
6	3	53.82	0.0	0.0	-3.20	0.0	55.36	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	58.91	-1.60	0.0	0.0	0.0	0.0
6	4	53.82	0.0	0.0	-3.20	0.0	47.52	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	51.07	-1.60	0.0	0.0	0.0	0.0
6	5	53.82	0.0	0.0	-3.20	0.0	47.52	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	51.07	-1.60	0.0	0.0	0.0	0.0
7	1	86.46	0.0	0.0	-5.09	0.0	492.43	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	488.73	-2.54	0.0	0.0	0.0	0.0
7	2	66.51	0.0	0.0	-3.91	0.0	396.70	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	393.86	-1.96	0.0	0.0	0.0	0.0
7	3	66.51	0.0	0.0	-3.91	0.0	370.87	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	368.02	-1.96	0.0	0.0	0.0	0.0
7	4	66.51	0.0	0.0	-3.91	0.0	319.10	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	316.26	-1.96	0.0	0.0	0.0	0.0
7	5	66.51	0.0	0.0	-3.91	0.0	319.10	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	316.26	-1.96	0.0	0.0	0.0	0.0
8	1	69.97	0.0	0.0	-4.16	0.0	2.31	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-2.31	-2.08	0.0	0.0	0.0	0.0

8	3	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
8	4	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
8	5	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
9	1	69.97	0.0	0.0	-4.16	0.0	167.87	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	172.49	-2.08	0.0	0.0	0.0	0.0
9	2	53.82	0.0	0.0	-3.20	0.0	135.15	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	138.71	-1.60	0.0	0.0	0.0	0.0
9	3	53.82	0.0	0.0	-3.20	0.0	126.44	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	130.00	-1.60	0.0	0.0	0.0	0.0
9	4	53.82	0.0	0.0	-3.20	0.0	109.10	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	112.66	-1.60	0.0	0.0	0.0	0.0
9	5	53.82	0.0	0.0	-3.20	0.0	109.10	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	112.66	-1.60	0.0	0.0	0.0	0.0
10	1	69.97	0.0	0.0	-4.16	0.0	2.31	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-2.32	-2.08	0.0	0.0	0.0	0.0
10	3	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
10	4	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
10	5	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
11	1	69.97	0.0	0.0	-4.16	0.0	180.20	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	184.82	-2.08	0.0	0.0	0.0	0.0
11	2	53.82	0.0	0.0	-3.20	0.0	145.02	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	148.57	-1.60	0.0	0.0	0.0	0.0
11	3	53.82	0.0	0.0	-3.20	0.0	135.81	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	139.37	-1.60	0.0	0.0	0.0	0.0
11	4	53.82	0.0	0.0	-3.20	0.0	117.41	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	120.97	-1.60	0.0	0.0	0.0	0.0
11	5	53.82	0.0	0.0	-3.20	0.0	117.41	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	120.97	-1.60	0.0	0.0	0.0	0.0
12	1	62.62	0.0	0.0	-4.16	0.0	10.61	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	14.31	-2.08	0.0	0.0	0.0	0.0
12	2	48.17	0.0	0.0	-3.20	0.0	8.66	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	11.51	-1.60	0.0	0.0	0.0	0.0
12	3	48.17	0.0	0.0	-3.20	0.0	7.96	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	10.81	-1.60	0.0	0.0	0.0	0.0
12	4	48.17	0.0	0.0	-3.20	0.0	6.66	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	9.50	-1.60	0.0	0.0	0.0	0.0
12	5	48.17	0.0	0.0	-3.20	0.0	6.66	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	9.50	-1.60	0.0	0.0	0.0	0.0
13	1	62.62	0.0	0.0	-4.16	0.0	1.84	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
13	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
13	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
13	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
14	1	62.62	0.0	0.0	-4.16	0.0	49.93	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	53.63	-2.08	0.0	0.0	0.0	0.0
14	2	48.17	0.0	0.0	-3.20	0.0	40.25	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	43.09	-1.60	0.0	0.0	0.0	0.0
14	3	48.17	0.0	0.0	-3.20	0.0	37.69	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	40.54	-1.60	0.0	0.0	0.0	0.0
14	4	48.17	0.0	0.0	-3.20	0.0	32.17	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	35.02	-1.60	0.0	0.0	0.0	0.0
14	5	48.17	0.0	0.0	-3.20	0.0	32.17	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	35.02	-1.60	0.0	0.0	0.0	0.0
15	1	62.62	0.0	0.0	-4.16	0.0	1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
15	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.42	-1.60	0.0	0.0	0.0	0.0
15	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
15	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
16	1	62.62	0.0	0.0	-4.16	0.0	61.46	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	65.16	-2.08	0.0	0.0	0.0	0.0
16	2	48.17	0.0	0.0	-3.20	0.0	50.14	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	52.98	-1.60	0.0	0.0	0.0	0.0
16	3	48.17	0.0	0.0	-3.20	0.0	45.93	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	48.77	-1.60	0.0	0.0	0.0	0.0
16	4	48.17	0.0	0.0	-3.20	0.0	37.86	1.60	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	120.4	40.71	-1.60	0.0	0.0	0.0	0.0
16	5	48.17	0.0	0.0	-3.20	0.0	37.86	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	40.71	-1.60	0.0	0.0	0.0	0.0
17	1	62.62	0.0	0.0	-4.16	0.0	39.25	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	35.55	-2.08	0.0	0.0	0.0	0.0
17	2	48.17	0.0	0.0	-3.20	0.0	31.16	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	28.32	-1.60	0.0	0.0	0.0	0.0
17	3	48.17	0.0	0.0	-3.20	0.0	29.67	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	26.83	-1.60	0.0	0.0	0.0	0.0
17	4	48.17	0.0	0.0	-3.20	0.0	27.05	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	24.20	-1.60	0.0	0.0	0.0	0.0
17	5	48.17	0.0	0.0	-3.20	0.0	27.05	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	24.20	-1.60	0.0	0.0	0.0	0.0
18	1	86.46	0.0	0.0	-5.09	0.0	-1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.85	-2.54	0.0	0.0	0.0	0.0
18	3	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
18	4	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
18	5	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
19	1	86.46	0.0	0.0	-5.09	0.0	126.47	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	122.78	-2.54	0.0	0.0	0.0	0.0
19	2	66.51	0.0	0.0	-3.91	0.0	101.97	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	99.12	-1.96	0.0	0.0	0.0	0.0
19	3	66.51	0.0	0.0	-3.91	0.0	95.17	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	92.32	-1.96	0.0	0.0	0.0	0.0
19	4	66.51	0.0	0.0	-3.91	0.0	81.64	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	78.79	-1.96	0.0	0.0	0.0	0.0
19	5	66.51	0.0	0.0	-3.91	0.0	81.64	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	78.79	-1.96	0.0	0.0	0.0	0.0
20	1	57.33	0.0	0.0	-3.93	0.0	-1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.85	-1.96	0.0	0.0	0.0	0.0
20	3	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
20	4	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
20	5	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
21	1	57.33	0.0	0.0	-3.93	0.0	41.73	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	38.03	-1.96	0.0	0.0	0.0	0.0
21	2	44.10	0.0	0.0	-3.02	0.0	32.11	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	29.26	-1.51	0.0	0.0	0.0	0.0
21	3	44.10	0.0	0.0	-3.02	0.0	32.12	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	29.27	-1.51	0.0	0.0	0.0	0.0
21	4	44.10	0.0	0.0	-3.02	0.0	32.10	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	29.25	-1.51	0.0	0.0	0.0	0.0
21	5	44.10	0.0	0.0	-3.02	0.0	32.10	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	29.25	-1.51	0.0	0.0	0.0	0.0
22	1	86.46	0.0	0.0	-5.09	0.0	371.39	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	367.69	-2.54	0.0	0.0	0.0	0.0
22	2	66.51	0.0	0.0	-3.91	0.0	299.21	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	296.36	-1.96	0.0	0.0	0.0	0.0
22	3	66.51	0.0	0.0	-3.91	0.0	279.60	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	276.75	-1.96	0.0	0.0	0.0	0.0
22	4	66.51	0.0	0.0	-3.91	0.0	240.62	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	237.78	-1.96	0.0	0.0	0.0	0.0
22	5	66.51	0.0	0.0	-3.91	0.0	240.62	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	237.78	-1.96	0.0	0.0	0.0	0.0
23	1	62.62	0.0	0.0	-4.16	0.0	-1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.85	-2.08	0.0	0.0	0.0	0.0
23	3	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
23	4	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
23	5	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
24	1	86.46	0.0	0.0	-5.09	0.0	-1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.85	-2.54	0.0	0.0	0.0	0.0
24	3	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
24	4	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
24	5	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
25	1	62.62	0.0	0.0	-4.16	0.0	1.96	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.74	-2.08	0.0	0.0	0.0	0.0

25	3	48.17	0.0	0.0	-3.20	0.0	1.52	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.32	-1.60	0.0	0.0	0.0	0.0
25	4	48.17	0.0	0.0	-3.20	0.0	1.47	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.37	-1.60	0.0	0.0	0.0	0.0
25	5	48.17	0.0	0.0	-3.20	0.0	1.47	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.37	-1.60	0.0	0.0	0.0	0.0
26	1	57.33	0.0	0.0	-3.93	0.0	37.56	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	41.26	-1.96	0.0	0.0	0.0	0.0
26	2	44.10	0.0	0.0	-3.02	0.0	28.86	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	31.70	-1.51	0.0	0.0	0.0	0.0
26	3	44.10	0.0	0.0	-3.02	0.0	28.89	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	31.73	-1.51	0.0	0.0	0.0	0.0
26	4	44.10	0.0	0.0	-3.02	0.0	29.00	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	31.84	-1.51	0.0	0.0	0.0	0.0
26	5	44.10	0.0	0.0	-3.02	0.0	29.00	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	31.84	-1.51	0.0	0.0	0.0	0.0
27	1	57.33	0.0	0.0	-3.93	0.0	1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.85	-1.96	0.0	0.0	0.0	0.0
27	3	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
27	4	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
27	5	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
28	1	86.46	0.0	0.0	-5.09	0.0	123.90	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	127.60	-2.54	0.0	0.0	0.0	0.0
28	2	66.51	0.0	0.0	-3.91	0.0	100.07	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	102.91	-1.96	0.0	0.0	0.0	0.0
28	3	66.51	0.0	0.0	-3.91	0.0	93.22	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	96.06	-1.96	0.0	0.0	0.0	0.0
28	4	66.51	0.0	0.0	-3.91	0.0	79.45	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	82.30	-1.96	0.0	0.0	0.0	0.0
28	5	66.51	0.0	0.0	-3.91	0.0	79.45	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	82.30	-1.96	0.0	0.0	0.0	0.0
29	1	86.46	0.0	0.0	-5.09	0.0	1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.85	-2.54	0.0	0.0	0.0	0.0
29	3	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
29	4	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
29	5	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
30	1	492.83	0.0	0.0	-12.02	0.0	4.62	6.01	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	-4.63	-6.01	0.0	0.0	0.0	0.0
30	3	379.10	0.0	0.0	-9.25	0.0	3.55	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	-3.56	-4.62	0.0	0.0	0.0	0.0
30	4	379.10	0.0	0.0	-9.25	0.0	3.55	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	-3.56	-4.62	0.0	0.0	0.0	0.0
30	5	379.10	0.0	0.0	-9.25	0.0	3.55	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	-3.56	-4.62	0.0	0.0	0.0	0.0
31	1	492.83	0.0	0.0	-12.02	0.0	-4.63	6.01	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	4.62	-6.01	0.0	0.0	0.0	0.0
31	3	379.10	0.0	0.0	-9.25	0.0	-3.56	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	3.55	-4.62	0.0	0.0	0.0	0.0
31	4	379.10	0.0	0.0	-9.25	0.0	-3.56	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	3.55	-4.62	0.0	0.0	0.0	0.0
31	5	379.10	0.0	0.0	-9.25	0.0	-3.56	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	3.55	-4.62	0.0	0.0	0.0	0.0
32	1	492.83	0.0	0.0	-12.02	0.0	5.68	6.01	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	-3.56	-6.01	0.0	0.0	0.0	0.0
32	3	379.10	0.0	0.0	-9.25	0.0	4.34	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	-2.77	-4.62	0.0	0.0	0.0	0.0
32	4	379.10	0.0	0.0	-9.25	0.0	4.32	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	-2.79	-4.62	0.0	0.0	0.0	0.0
32	5	379.10	0.0	0.0	-9.25	0.0	4.32	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	-2.79	-4.62	0.0	0.0	0.0	0.0
33	1	86.46	0.0	0.0	-5.09	0.0	1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.85	-2.54	0.0	0.0	0.0	0.0
33	3	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.42	-1.96	0.0	0.0	0.0	0.0
33	4	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
33	5	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
34	1	86.46	0.0	0.0	-5.09	0.0	366.56	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	370.26	-2.54	0.0	0.0	0.0	0.0
34	2	66.51	0.0	0.0	-3.91	0.0	295.45	1.96	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	136.0	298.30	-1.96	0.0	0.0	0.0	0.0
34	3	66.51	0.0	0.0	-3.91	0.0	276.05	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	278.90	-1.96	0.0	0.0	0.0	0.0
34	4	66.51	0.0	0.0	-3.91	0.0	237.19	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	240.04	-1.96	0.0	0.0	0.0	0.0
34	5	66.51	0.0	0.0	-3.91	0.0	237.19	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	240.04	-1.96	0.0	0.0	0.0	0.0
35	1	94.50	0.0	0.0	-5.09	0.0	-2.31	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	2.31	-2.54	0.0	0.0	0.0	0.0
35	3	72.69	0.0	0.0	-3.91	0.0	-1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.78	-1.96	0.0	0.0	0.0	0.0
35	4	72.69	0.0	0.0	-3.91	0.0	-1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.78	-1.96	0.0	0.0	0.0	0.0
35	5	72.69	0.0	0.0	-3.91	0.0	-1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.78	-1.96	0.0	0.0	0.0	0.0
36	1	94.50	0.0	0.0	-5.09	0.0	16.86	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	12.23	-2.54	0.0	0.0	0.0	0.0
36	2	72.69	0.0	0.0	-3.91	0.0	13.44	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	9.89	-1.96	0.0	0.0	0.0	0.0
36	3	72.69	0.0	0.0	-3.91	0.0	12.76	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	9.20	-1.96	0.0	0.0	0.0	0.0
36	4	72.69	0.0	0.0	-3.91	0.0	11.38	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	7.82	-1.96	0.0	0.0	0.0	0.0
36	5	72.69	0.0	0.0	-3.91	0.0	11.38	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	7.82	-1.96	0.0	0.0	0.0	0.0
37	1	94.50	0.0	0.0	-5.09	0.0	-2.31	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	2.31	-2.54	0.0	0.0	0.0	0.0
37	3	72.69	0.0	0.0	-3.91	0.0	-1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.78	-1.96	0.0	0.0	0.0	0.0
37	4	72.69	0.0	0.0	-3.91	0.0	-1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.78	-1.96	0.0	0.0	0.0	0.0
37	5	72.69	0.0	0.0	-3.91	0.0	-1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.78	-1.96	0.0	0.0	0.0	0.0
38	1	94.50	0.0	0.0	-5.09	0.0	10.75	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	6.13	-2.54	0.0	0.0	0.0	0.0
38	2	72.69	0.0	0.0	-3.91	0.0	8.54	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	4.98	-1.96	0.0	0.0	0.0	0.0
38	3	72.69	0.0	0.0	-3.91	0.0	8.15	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	4.59	-1.96	0.0	0.0	0.0	0.0
38	4	72.69	0.0	0.0	-3.91	0.0	7.35	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	3.79	-1.96	0.0	0.0	0.0	0.0
38	5	72.69	0.0	0.0	-3.91	0.0	7.35	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	3.79	-1.96	0.0	0.0	0.0	0.0
39	1	94.50	0.0	0.0	-5.09	0.0	-2.31	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	2.31	-2.54	0.0	0.0	0.0	0.0
39	3	72.69	0.0	0.0	-3.91	0.0	-1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.78	-1.96	0.0	0.0	0.0	0.0
39	4	72.69	0.0	0.0	-3.91	0.0	-1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.78	-1.96	0.0	0.0	0.0	0.0
39	5	72.69	0.0	0.0	-3.91	0.0	-1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.78	-1.96	0.0	0.0	0.0	0.0
40	1	94.50	0.0	0.0	-5.09	0.0	14.00	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	9.38	-2.54	0.0	0.0	0.0	0.0
40	2	72.69	0.0	0.0	-3.91	0.0	11.16	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	7.60	-1.96	0.0	0.0	0.0	0.0
40	3	72.69	0.0	0.0	-3.91	0.0	10.60	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	7.04	-1.96	0.0	0.0	0.0	0.0
40	4	72.69	0.0	0.0	-3.91	0.0	9.46	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	5.91	-1.96	0.0	0.0	0.0	0.0
40	5	72.69	0.0	0.0	-3.91	0.0	9.46	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	5.91	-1.96	0.0	0.0	0.0	0.0
41	1	94.50	0.0	0.0	-5.09	0.0	28.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	33.48	-2.54	0.0	0.0	0.0	0.0
41	2	72.69	0.0	0.0	-3.91	0.0	23.28	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	26.84	-1.96	0.0	0.0	0.0	0.0
41	3	72.69	0.0	0.0	-3.91	0.0	21.70	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	25.26	-1.96	0.0	0.0	0.0	0.0
41	4	72.69	0.0	0.0	-3.91	0.0	18.57	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	22.13	-1.96	0.0	0.0	0.0	0.0
41	5	72.69	0.0	0.0	-3.91	0.0	18.57	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	22.13	-1.96	0.0	0.0	0.0	0.0
42	1	94.50	0.0	0.0	-5.09	0.0	2.31	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-2.31	-2.54	0.0	0.0	0.0	0.0
42	3	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
42	4	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0

42	5	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
43	1	94.50	0.0	0.0	-5.09	0.0	15.58	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	20.21	-2.54	0.0	0.0	0.0	0.0
43	2	72.69	0.0	0.0	-3.91	0.0	12.61	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	16.16	-1.96	0.0	0.0	0.0	0.0
43	3	72.69	0.0	0.0	-3.91	0.0	11.71	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	15.26	-1.96	0.0	0.0	0.0	0.0
43	4	72.69	0.0	0.0	-3.91	0.0	9.91	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	13.47	-1.96	0.0	0.0	0.0	0.0
43	5	72.69	0.0	0.0	-3.91	0.0	9.91	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	13.47	-1.96	0.0	0.0	0.0	0.0
44	1	94.50	0.0	0.0	-5.09	0.0	2.31	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-2.31	-2.54	0.0	0.0	0.0	0.0
44	3	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
44	4	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
44	5	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
45	1	94.50	0.0	0.0	-5.09	0.0	20.40	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	25.02	-2.54	0.0	0.0	0.0	0.0
45	2	72.69	0.0	0.0	-3.91	0.0	16.48	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	20.04	-1.96	0.0	0.0	0.0	0.0
45	3	72.69	0.0	0.0	-3.91	0.0	15.33	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	18.88	-1.96	0.0	0.0	0.0	0.0
45	4	72.69	0.0	0.0	-3.91	0.0	13.03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	16.59	-1.96	0.0	0.0	0.0	0.0
45	5	72.69	0.0	0.0	-3.91	0.0	13.03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	16.59	-1.96	0.0	0.0	0.0	0.0
46	1	94.50	0.0	0.0	-5.09	0.0	2.31	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-2.31	-2.54	0.0	0.0	0.0	0.0
46	3	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
46	4	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
46	5	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
47	1	86.46	0.0	0.0	-5.09	0.0	-1.84	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.86	-2.54	0.0	0.0	0.0	0.0
47	3	66.51	0.0	0.0	-3.91	0.0	-1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.43	-1.96	0.0	0.0	0.0	0.0
47	4	66.51	0.0	0.0	-3.91	0.0	-1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.43	-1.96	0.0	0.0	0.0	0.0
47	5	66.51	0.0	0.0	-3.91	0.0	-1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.43	-1.96	0.0	0.0	0.0	0.0
48	1	86.46	0.0	0.0	-5.09	0.0	127.09	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	123.39	-2.54	0.0	0.0	0.0	0.0
48	2	66.51	0.0	0.0	-3.91	0.0	102.22	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	99.38	-1.96	0.0	0.0	0.0	0.0
48	3	66.51	0.0	0.0	-3.91	0.0	95.80	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	92.95	-1.96	0.0	0.0	0.0	0.0
48	4	66.51	0.0	0.0	-3.91	0.0	82.89	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	80.05	-1.96	0.0	0.0	0.0	0.0
48	5	66.51	0.0	0.0	-3.91	0.0	82.89	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	80.05	-1.96	0.0	0.0	0.0	0.0
49	1	57.33	0.0	0.0	-3.93	0.0	-1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.85	-1.96	0.0	0.0	0.0	0.0
49	3	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
49	4	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
49	5	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
50	1	57.33	0.0	0.0	-3.93	0.0	44.58	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	40.88	-1.96	0.0	0.0	0.0	0.0
50	2	44.10	0.0	0.0	-3.02	0.0	33.89	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	31.05	-1.51	0.0	0.0	0.0	0.0
50	3	44.10	0.0	0.0	-3.02	0.0	34.45	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	31.61	-1.51	0.0	0.0	0.0	0.0
50	4	44.10	0.0	0.0	-3.02	0.0	35.62	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	32.78	-1.51	0.0	0.0	0.0	0.0
50	5	44.10	0.0	0.0	-3.02	0.0	35.62	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	32.78	-1.51	0.0	0.0	0.0	0.0
51	1	62.62	0.0	0.0	-4.16	0.0	9.73	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	13.43	-2.08	0.0	0.0	0.0	0.0
51	2	48.17	0.0	0.0	-3.20	0.0	7.89	1.60	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	120.4	10.73	-1.60	0.0	0.0	0.0	0.0
51	3	48.17	0.0	0.0	-3.20	0.0	7.32	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	10.17	-1.60	0.0	0.0	0.0	0.0
51	4	48.17	0.0	0.0	-3.20	0.0	6.14	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	8.99	-1.60	0.0	0.0	0.0	0.0
51	5	48.17	0.0	0.0	-3.20	0.0	6.14	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	8.99	-1.60	0.0	0.0	0.0	0.0
52	1	62.62	0.0	0.0	-4.16	0.0	1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
52	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
52	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
52	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
53	1	57.33	0.0	0.0	-3.93	0.0	63.55	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	67.24	-1.96	0.0	0.0	0.0	0.0
53	2	44.10	0.0	0.0	-3.02	0.0	49.25	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	52.10	-1.51	0.0	0.0	0.0	0.0
53	3	44.10	0.0	0.0	-3.02	0.0	48.73	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	51.58	-1.51	0.0	0.0	0.0	0.0
53	4	44.10	0.0	0.0	-3.02	0.0	47.64	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	50.49	-1.51	0.0	0.0	0.0	0.0
53	5	44.10	0.0	0.0	-3.02	0.0	47.64	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	50.49	-1.51	0.0	0.0	0.0	0.0
54	1	57.33	0.0	0.0	-3.93	0.0	1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.85	-1.96	0.0	0.0	0.0	0.0
54	3	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.42	-1.51	0.0	0.0	0.0	0.0
54	4	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
54	5	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
55	1	86.46	0.0	0.0	-5.09	0.0	102.62	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	106.32	-2.54	0.0	0.0	0.0	0.0
55	2	66.51	0.0	0.0	-3.91	0.0	82.71	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	85.56	-1.96	0.0	0.0	0.0	0.0
55	3	66.51	0.0	0.0	-3.91	0.0	77.24	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	80.08	-1.96	0.0	0.0	0.0	0.0
55	4	66.51	0.0	0.0	-3.91	0.0	66.36	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	69.20	-1.96	0.0	0.0	0.0	0.0
55	5	66.51	0.0	0.0	-3.91	0.0	66.36	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	69.20	-1.96	0.0	0.0	0.0	0.0
56	1	86.46	0.0	0.0	-5.09	0.0	1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.85	-2.54	0.0	0.0	0.0	0.0
56	3	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
56	4	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
56	5	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
57	1	69.97	0.0	0.0	-4.16	0.0	2.31	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-2.31	-2.08	0.0	0.0	0.0	0.0
57	3	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
57	4	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
57	5	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
58	1	114.06	0.0	0.0	-4.16	0.0	-4.63	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	4.62	-2.08	0.0	0.0	0.0	0.0
58	3	87.74	0.0	0.0	-3.20	0.0	-3.56	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	3.55	-1.60	0.0	0.0	0.0	0.0
58	4	87.74	0.0	0.0	-3.20	0.0	-3.56	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	3.55	-1.60	0.0	0.0	0.0	0.0
58	5	87.74	0.0	0.0	-3.20	0.0	-3.56	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	3.55	-1.60	0.0	0.0	0.0	0.0
59	1	62.62	0.0	0.0	-4.16	0.0	92.69	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	96.39	-2.08	0.0	0.0	0.0	0.0
59	2	48.17	0.0	0.0	-3.20	0.0	75.69	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	78.53	-1.60	0.0	0.0	0.0	0.0
59	3	48.17	0.0	0.0	-3.20	0.0	69.33	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	72.18	-1.60	0.0	0.0	0.0	0.0
59	4	48.17	0.0	0.0	-3.20	0.0	56.79	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	59.64	-1.60	0.0	0.0	0.0	0.0
59	5	48.17	0.0	0.0	-3.20	0.0	56.79	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	59.64	-1.60	0.0	0.0	0.0	0.0

60	1	62.62	0.0	0.0	-4.16	0.0	10.50	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	6.80	-2.08	0.0	0.0	0.0	0.0
60	2	48.17	0.0	0.0	-3.20	0.0	7.80	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	4.96	-1.60	0.0	0.0	0.0	0.0
60	3	48.17	0.0	0.0	-3.20	0.0	8.11	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	5.26	-1.60	0.0	0.0	0.0	0.0
60	4	48.17	0.0	0.0	-3.20	0.0	8.88	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	6.04	-1.60	0.0	0.0	0.0	0.0
60	5	48.17	0.0	0.0	-3.20	0.0	8.88	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	6.04	-1.60	0.0	0.0	0.0	0.0
61	1	86.46	0.0	0.0	-5.09	0.0	485.38	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	489.08	-2.54	0.0	0.0	0.0	0.0
61	2	66.51	0.0	0.0	-3.91	0.0	391.20	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	394.05	-1.96	0.0	0.0	0.0	0.0
61	3	66.51	0.0	0.0	-3.91	0.0	365.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	368.27	-1.96	0.0	0.0	0.0	0.0
61	4	66.51	0.0	0.0	-3.91	0.0	313.76	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	316.60	-1.96	0.0	0.0	0.0	0.0
61	5	66.51	0.0	0.0	-3.91	0.0	313.76	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	316.60	-1.96	0.0	0.0	0.0	0.0
62	1	86.46	0.0	0.0	-5.09	0.0	1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.85	-2.54	0.0	0.0	0.0	0.0
62	3	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.42	-1.96	0.0	0.0	0.0	0.0
62	4	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
62	5	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
63	1	59.94	0.0	0.0	-4.16	0.0	2.37	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-0.96	-2.08	0.0	0.0	0.0	0.0
63	3	46.11	0.0	0.0	-3.20	0.0	1.80	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-0.76	-1.60	0.0	0.0	0.0	0.0
63	4	46.11	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-0.79	-1.60	0.0	0.0	0.0	0.0
63	5	46.11	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-0.79	-1.60	0.0	0.0	0.0	0.0
64	1	54.72	0.0	0.0	-3.93	0.0	640.44	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	643.77	-1.96	0.0	0.0	0.0	0.0
64	2	42.09	0.0	0.0	-3.02	0.0	518.07	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	520.64	-1.51	0.0	0.0	0.0	0.0
64	3	42.09	0.0	0.0	-3.02	0.0	481.34	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	483.90	-1.51	0.0	0.0	0.0	0.0
64	4	42.09	0.0	0.0	-3.02	0.0	408.02	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	410.58	-1.51	0.0	0.0	0.0	0.0
64	5	42.09	0.0	0.0	-3.02	0.0	408.02	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	410.58	-1.51	0.0	0.0	0.0	0.0
65	1	54.72	0.0	0.0	-3.93	0.0	1.66	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.67	-1.96	0.0	0.0	0.0	0.0
65	3	42.09	0.0	0.0	-3.02	0.0	1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.28	-1.51	0.0	0.0	0.0	0.0
65	4	42.09	0.0	0.0	-3.02	0.0	1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.28	-1.51	0.0	0.0	0.0	0.0
65	5	42.09	0.0	0.0	-3.02	0.0	1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.28	-1.51	0.0	0.0	0.0	0.0
66	1	86.46	0.0	0.0	-5.09	0.0	-1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.85	-2.54	0.0	0.0	0.0	0.0
66	3	66.51	0.0	0.0	-3.91	0.0	-1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
66	4	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
66	5	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
67	1	86.46	0.0	0.0	-5.09	0.0	166.27	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	162.57	-2.54	0.0	0.0	0.0	0.0
67	2	66.51	0.0	0.0	-3.91	0.0	134.31	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	131.47	-1.96	0.0	0.0	0.0	0.0
67	3	66.51	0.0	0.0	-3.91	0.0	125.09	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	122.25	-1.96	0.0	0.0	0.0	0.0
67	4	66.51	0.0	0.0	-3.91	0.0	106.61	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	103.77	-1.96	0.0	0.0	0.0	0.0
67	5	66.51	0.0	0.0	-3.91	0.0	106.61	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	103.77	-1.96	0.0	0.0	0.0	0.0
68	1	57.33	0.0	0.0	-3.93	0.0	-1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.85	-1.96	0.0	0.0	0.0	0.0
68	3	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
68	4	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
68	5	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
69	1	57.33	0.0	0.0	-3.93	0.0	46.54	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	42.84	-1.96	0.0	0.0	0.0	0.0
69	2	44.10	0.0	0.0	-3.02	0.0	35.73	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	32.89	-1.51	0.0	0.0	0.0	0.0
69	3	44.10	0.0	0.0	-3.02	0.0	35.81	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	32.96	-1.51	0.0	0.0	0.0	0.0
69	4	44.10	0.0	0.0	-3.02	0.0	35.97	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	33.13	-1.51	0.0	0.0	0.0	0.0
69	5	44.10	0.0	0.0	-3.02	0.0	35.97	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	33.13	-1.51	0.0	0.0	0.0	0.0
70	1	62.62	0.0	0.0	-4.16	0.0	-1.15	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	2.55	-2.08	0.0	0.0	0.0	0.0
70	3	48.17	0.0	0.0	-3.20	0.0	-0.89	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.96	-1.60	0.0	0.0	0.0	0.0
70	4	48.17	0.0	0.0	-3.20	0.0	-1.00	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.85	-1.60	0.0	0.0	0.0	0.0
70	5	48.17	0.0	0.0	-3.20	0.0	-1.00	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.85	-1.60	0.0	0.0	0.0	0.0
71	1	62.62	0.0	0.0	-4.16	0.0	1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
71	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
71	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
71	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
72	1	57.33	0.0	0.0	-3.93	0.0	44.32	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	48.01	-1.96	0.0	0.0	0.0	0.0
72	2	44.10	0.0	0.0	-3.02	0.0	34.11	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	36.95	-1.51	0.0	0.0	0.0	0.0
72	3	44.10	0.0	0.0	-3.02	0.0	34.10	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	36.94	-1.51	0.0	0.0	0.0	0.0
72	4	44.10	0.0	0.0	-3.02	0.0	34.06	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	36.91	-1.51	0.0	0.0	0.0	0.0
72	5	44.10	0.0	0.0	-3.02	0.0	34.06	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	36.91	-1.51	0.0	0.0	0.0	0.0
73	1	57.33	0.0	0.0	-3.93	0.0	1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.85	-1.96	0.0	0.0	0.0	0.0
73	3	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
73	4	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
73	5	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
74	1	86.46	0.0	0.0	-5.09	0.0	160.80	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	164.50	-2.54	0.0	0.0	0.0	0.0
74	2	66.51	0.0	0.0	-3.91	0.0	130.00	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	132.84	-1.96	0.0	0.0	0.0	0.0
74	3	66.51	0.0	0.0	-3.91	0.0	120.88	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	123.73	-1.96	0.0	0.0	0.0	0.0
74	4	66.51	0.0	0.0	-3.91	0.0	102.67	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	105.51	-1.96	0.0	0.0	0.0	0.0
74	5	66.51	0.0	0.0	-3.91	0.0	102.67	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	105.51	-1.96	0.0	0.0	0.0	0.0
75	1	86.46	0.0	0.0	-5.09	0.0	1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.85	-2.54	0.0	0.0	0.0	0.0
75	3	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
75	4	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
75	5	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
76	1	492.83	0.0	0.0	-12.02	0.0	-3.18	6.01	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	6.06	-6.01	0.0	0.0	0.0	0.0
76	3	379.10	0.0	0.0	-9.25	0.0	-2.50	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	4.62	-4.62	0.0	0.0	0.0	0.0
76	4	379.10	0.0	0.0	-9.25	0.0	-2.72	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	4.40	-4.62	0.0	0.0	0.0	0.0
76	5	379.10	0.0	0.0	-9.25	0.0	-2.72	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	4.40	-4.62	0.0	0.0	0.0	0.0
77	1	492.83	0.0	0.0	-12.02	0.0	4.62	6.01	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	-4.63	-6.01	0.0	0.0	0.0	0.0
77	3	379.10	0.0	0.0	-9.25	0.0	3.55	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	-3.56	-4.62	0.0	0.0	0.0	0.0

77	4	379.10	0.0	0.0	-9.25	0.0	3.55	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	-3.56	-4.62	0.0	0.0	0.0	0.0
77	5	379.10	0.0	0.0	-9.25	0.0	3.55	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	-3.56	-4.62	0.0	0.0	0.0	0.0
78	1	492.83	0.0	0.0	-12.02	0.0	-4.63	6.01	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	4.62	-6.01	0.0	0.0	0.0	0.0
78	3	379.10	0.0	0.0	-9.25	0.0	-3.56	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	3.55	-4.62	0.0	0.0	0.0	0.0
78	4	379.10	0.0	0.0	-9.25	0.0	-3.56	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	3.55	-4.62	0.0	0.0	0.0	0.0
78	5	379.10	0.0	0.0	-9.25	0.0	-3.56	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	3.55	-4.62	0.0	0.0	0.0	0.0
79	1	492.83	0.0	0.0	-12.02	0.0	5.11	6.01	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	-4.13	-6.01	0.0	0.0	0.0	0.0
79	3	379.10	0.0	0.0	-9.25	0.0	3.91	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	-3.20	-4.62	0.0	0.0	0.0	0.0
79	4	379.10	0.0	0.0	-9.25	0.0	3.85	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	-3.26	-4.62	0.0	0.0	0.0	0.0
79	5	379.10	0.0	0.0	-9.25	0.0	3.85	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	-3.26	-4.62	0.0	0.0	0.0	0.0
80	1	86.46	0.0	0.0	-5.09	0.0	-1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.85	-2.54	0.0	0.0	0.0	0.0
80	3	66.51	0.0	0.0	-3.91	0.0	-1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
80	4	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
80	5	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
81	1	86.46	0.0	0.0	-5.09	0.0	471.28	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	467.58	-2.54	0.0	0.0	0.0	0.0
81	2	66.51	0.0	0.0	-3.91	0.0	380.24	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	377.40	-1.96	0.0	0.0	0.0	0.0
81	3	66.51	0.0	0.0	-3.91	0.0	354.49	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	351.65	-1.96	0.0	0.0	0.0	0.0
81	4	66.51	0.0	0.0	-3.91	0.0	303.16	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	300.32	-1.96	0.0	0.0	0.0	0.0
81	5	66.51	0.0	0.0	-3.91	0.0	303.16	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	300.32	-1.96	0.0	0.0	0.0	0.0
82	1	86.46	0.0	0.0	-5.09	0.0	468.77	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	472.47	-2.54	0.0	0.0	0.0	0.0
82	2	66.51	0.0	0.0	-3.91	0.0	378.19	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	381.04	-1.96	0.0	0.0	0.0	0.0
82	3	66.51	0.0	0.0	-3.91	0.0	352.52	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	355.36	-1.96	0.0	0.0	0.0	0.0
82	4	66.51	0.0	0.0	-3.91	0.0	301.04	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	303.88	-1.96	0.0	0.0	0.0	0.0
82	5	66.51	0.0	0.0	-3.91	0.0	301.04	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	303.88	-1.96	0.0	0.0	0.0	0.0
83	1	86.46	0.0	0.0	-5.09	0.0	1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.85	-2.54	0.0	0.0	0.0	0.0
83	3	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
83	4	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
83	5	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
84	1	94.50	0.0	0.0	-5.09	0.0	-2.30	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	2.32	-2.54	0.0	0.0	0.0	0.0
84	3	72.69	0.0	0.0	-3.91	0.0	-1.77	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.79	-1.96	0.0	0.0	0.0	0.0
84	4	72.69	0.0	0.0	-3.91	0.0	-1.77	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.78	-1.96	0.0	0.0	0.0	0.0
84	5	72.69	0.0	0.0	-3.91	0.0	-1.77	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.78	-1.96	0.0	0.0	0.0	0.0
85	1	94.50	0.0	0.0	-5.09	0.0	26.98	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	22.36	-2.54	0.0	0.0	0.0	0.0
85	2	72.69	0.0	0.0	-3.91	0.0	21.62	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	18.06	-1.96	0.0	0.0	0.0	0.0
85	3	72.69	0.0	0.0	-3.91	0.0	20.37	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	16.82	-1.96	0.0	0.0	0.0	0.0
85	4	72.69	0.0	0.0	-3.91	0.0	17.88	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	14.32	-1.96	0.0	0.0	0.0	0.0
85	5	72.69	0.0	0.0	-3.91	0.0	17.88	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	14.32	-1.96	0.0	0.0	0.0	0.0
86	1	94.50	0.0	0.0	-5.09	0.0	-2.31	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	2.31	-2.54	0.0	0.0	0.0	0.0
86	3	72.69	0.0	0.0	-3.91	0.0	-1.78	1.96	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	148.7	1.78	-1.96	0.0	0.0	0.0	0.0
86	4	72.69	0.0	0.0	-3.91	0.0	-1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.78	-1.96	0.0	0.0	0.0	0.0
86	5	72.69	0.0	0.0	-3.91	0.0	-1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.78	-1.96	0.0	0.0	0.0	0.0
87	1	94.50	0.0	0.0	-5.09	0.0	16.58	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	11.96	-2.54	0.0	0.0	0.0	0.0
87	2	72.69	0.0	0.0	-3.91	0.0	13.25	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	9.70	-1.96	0.0	0.0	0.0	0.0
87	3	72.69	0.0	0.0	-3.91	0.0	12.53	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	8.98	-1.96	0.0	0.0	0.0	0.0
87	4	72.69	0.0	0.0	-3.91	0.0	11.10	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	7.54	-1.96	0.0	0.0	0.0	0.0
87	5	72.69	0.0	0.0	-3.91	0.0	11.10	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	7.54	-1.96	0.0	0.0	0.0	0.0
88	1	94.50	0.0	0.0	-5.09	0.0	-2.31	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	2.31	-2.54	0.0	0.0	0.0	0.0
88	3	72.69	0.0	0.0	-3.91	0.0	-1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.78	-1.96	0.0	0.0	0.0	0.0
88	4	72.69	0.0	0.0	-3.91	0.0	-1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.78	-1.96	0.0	0.0	0.0	0.0
88	5	72.69	0.0	0.0	-3.91	0.0	-1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.78	-1.96	0.0	0.0	0.0	0.0
89	1	94.50	0.0	0.0	-5.09	0.0	21.15	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	16.53	-2.54	0.0	0.0	0.0	0.0
89	2	72.69	0.0	0.0	-3.91	0.0	16.93	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	13.38	-1.96	0.0	0.0	0.0	0.0
89	3	72.69	0.0	0.0	-3.91	0.0	15.97	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	12.42	-1.96	0.0	0.0	0.0	0.0
89	4	72.69	0.0	0.0	-3.91	0.0	14.05	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	10.49	-1.96	0.0	0.0	0.0	0.0
89	5	72.69	0.0	0.0	-3.91	0.0	14.05	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	10.49	-1.96	0.0	0.0	0.0	0.0
90	1	86.46	0.0	0.0	-5.09	0.0	-1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.85	-2.54	0.0	0.0	0.0	0.0
90	3	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
90	4	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
90	5	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
91	1	86.46	0.0	0.0	-5.09	0.0	146.91	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	143.21	-2.54	0.0	0.0	0.0	0.0
91	2	66.51	0.0	0.0	-3.91	0.0	118.34	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	115.50	-1.96	0.0	0.0	0.0	0.0
91	3	66.51	0.0	0.0	-3.91	0.0	110.61	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	107.76	-1.96	0.0	0.0	0.0	0.0
91	4	66.51	0.0	0.0	-3.91	0.0	95.18	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	92.33	-1.96	0.0	0.0	0.0	0.0
91	5	66.51	0.0	0.0	-3.91	0.0	95.18	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	92.33	-1.96	0.0	0.0	0.0	0.0
92	1	57.33	0.0	0.0	-3.93	0.0	-1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.85	-1.96	0.0	0.0	0.0	0.0
92	3	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
92	4	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
92	5	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
93	1	57.33	0.0	0.0	-3.93	0.0	48.09	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	44.39	-1.96	0.0	0.0	0.0	0.0
93	2	44.10	0.0	0.0	-3.02	0.0	36.72	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	33.88	-1.51	0.0	0.0	0.0	0.0
93	3	44.10	0.0	0.0	-3.02	0.0	37.11	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	34.27	-1.51	0.0	0.0	0.0	0.0
93	4	44.10	0.0	0.0	-3.02	0.0	37.88	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	35.03	-1.51	0.0	0.0	0.0	0.0
93	5	44.10	0.0	0.0	-3.02	0.0	37.88	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	35.03	-1.51	0.0	0.0	0.0	0.0
94	1	62.62	0.0	0.0	-4.16	0.0	5.81	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	9.51	-2.08	0.0	0.0	0.0	0.0
94	2	48.17	0.0	0.0	-3.20	0.0	4.73	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	7.57	-1.60	0.0	0.0	0.0	0.0
94	3	48.17	0.0	0.0	-3.20	0.0	4.35	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	7.20	-1.60	0.0	0.0	0.0	0.0
94	4	48.17	0.0	0.0	-3.20	0.0	3.63	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	6.47	-1.60	0.0	0.0	0.0	0.0

94	5	48.17	0.0	0.0	-3.20	0.0	3.63	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	6.47	-1.60	0.0	0.0	0.0	0.0
95	1	62.62	0.0	0.0	-4.16	0.0	1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
95	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
95	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
95	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
96	1	57.33	0.0	0.0	-3.93	0.0	59.76	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	63.46	-1.96	0.0	0.0	0.0	0.0
96	2	44.10	0.0	0.0	-3.02	0.0	46.20	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	49.04	-1.51	0.0	0.0	0.0	0.0
96	3	44.10	0.0	0.0	-3.02	0.0	45.86	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	48.71	-1.51	0.0	0.0	0.0	0.0
96	4	44.10	0.0	0.0	-3.02	0.0	45.21	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	48.06	-1.51	0.0	0.0	0.0	0.0
96	5	44.10	0.0	0.0	-3.02	0.0	45.21	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	48.06	-1.51	0.0	0.0	0.0	0.0
97	1	57.33	0.0	0.0	-3.93	0.0	1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.85	-1.96	0.0	0.0	0.0	0.0
97	3	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
97	4	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
97	5	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
98	1	94.50	0.0	0.0	-5.09	0.0	25.96	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	30.59	-2.54	0.0	0.0	0.0	0.0
98	2	72.69	0.0	0.0	-3.91	0.0	20.98	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	24.54	-1.96	0.0	0.0	0.0	0.0
98	3	72.69	0.0	0.0	-3.91	0.0	19.52	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	23.08	-1.96	0.0	0.0	0.0	0.0
98	4	72.69	0.0	0.0	-3.91	0.0	16.60	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	20.15	-1.96	0.0	0.0	0.0	0.0
98	5	72.69	0.0	0.0	-3.91	0.0	16.60	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	20.15	-1.96	0.0	0.0	0.0	0.0
99	1	94.50	0.0	0.0	-5.09	0.0	2.31	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-2.31	-2.54	0.0	0.0	0.0	0.0
99	3	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
99	4	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
99	5	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
100	1	94.50	0.0	0.0	-5.09	0.0	13.84	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	18.47	-2.54	0.0	0.0	0.0	0.0
100	2	72.69	0.0	0.0	-3.91	0.0	11.23	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	14.78	-1.96	0.0	0.0	0.0	0.0
100	3	72.69	0.0	0.0	-3.91	0.0	10.39	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	13.95	-1.96	0.0	0.0	0.0	0.0
100	4	72.69	0.0	0.0	-3.91	0.0	8.73	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	12.29	-1.96	0.0	0.0	0.0	0.0
100	5	72.69	0.0	0.0	-3.91	0.0	8.73	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	12.29	-1.96	0.0	0.0	0.0	0.0
101	1	94.50	0.0	0.0	-5.09	0.0	2.31	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-2.31	-2.54	0.0	0.0	0.0	0.0
101	3	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
101	4	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
101	5	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
102	1	94.50	0.0	0.0	-5.09	0.0	18.81	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	23.44	-2.54	0.0	0.0	0.0	0.0
102	2	72.69	0.0	0.0	-3.91	0.0	15.23	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	18.79	-1.96	0.0	0.0	0.0	0.0
102	3	72.69	0.0	0.0	-3.91	0.0	14.13	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	17.69	-1.96	0.0	0.0	0.0	0.0
102	4	72.69	0.0	0.0	-3.91	0.0	11.93	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	15.49	-1.96	0.0	0.0	0.0	0.0
102	5	72.69	0.0	0.0	-3.91	0.0	11.93	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	15.49	-1.96	0.0	0.0	0.0	0.0
103	1	94.50	0.0	0.0	-5.09	0.0	2.31	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-2.31	-2.54	0.0	0.0	0.0	0.0
103	3	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
103	4	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
103	5	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
104	1	86.46	0.0	0.0	-5.09	0.0	124.53	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	128.23	-2.54	0.0	0.0	0.0	0.0
104	2	66.51	0.0	0.0	-3.91	0.0	100.54	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	103.39	-1.96	0.0	0.0	0.0	0.0
104	3	66.51	0.0	0.0	-3.91	0.0	93.67	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	96.52	-1.96	0.0	0.0	0.0	0.0
104	4	66.51	0.0	0.0	-3.91	0.0	79.92	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	82.77	-1.96	0.0	0.0	0.0	0.0
104	5	66.51	0.0	0.0	-3.91	0.0	79.92	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	82.77	-1.96	0.0	0.0	0.0	0.0
105	1	86.46	0.0	0.0	-5.09	0.0	1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.85	-2.54	0.0	0.0	0.0	0.0
105	3	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
105	4	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
105	5	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
106	1	86.46	0.0	0.0	-5.09	0.0	-1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.85	-2.54	0.0	0.0	0.0	0.0
106	3	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
106	4	66.51	0.0	0.0	-3.91	0.0	-1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
106	5	66.51	0.0	0.0	-3.91	0.0	-1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
107	1	86.46	0.0	0.0	-5.09	0.0	607.69	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	603.99	-2.54	0.0	0.0	0.0	0.0
107	2	66.51	0.0	0.0	-3.91	0.0	490.19	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	487.34	-1.96	0.0	0.0	0.0	0.0
107	3	66.51	0.0	0.0	-3.91	0.0	457.26	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	454.41	-1.96	0.0	0.0	0.0	0.0
107	4	66.51	0.0	0.0	-3.91	0.0	391.50	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	388.66	-1.96	0.0	0.0	0.0	0.0
107	5	66.51	0.0	0.0	-3.91	0.0	391.50	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	388.66	-1.96	0.0	0.0	0.0	0.0
108	1	86.46	0.0	0.0	-5.09	0.0	601.25	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	604.94	-2.54	0.0	0.0	0.0	0.0
108	2	66.51	0.0	0.0	-3.91	0.0	485.31	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	488.15	-1.96	0.0	0.0	0.0	0.0
108	3	66.51	0.0	0.0	-3.91	0.0	452.55	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	455.39	-1.96	0.0	0.0	0.0	0.0
108	4	66.51	0.0	0.0	-3.91	0.0	386.57	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	389.41	-1.96	0.0	0.0	0.0	0.0
108	5	66.51	0.0	0.0	-3.91	0.0	386.57	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	389.41	-1.96	0.0	0.0	0.0	0.0
109	1	86.46	0.0	0.0	-5.09	0.0	1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.85	-2.54	0.0	0.0	0.0	0.0
109	3	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.42	-1.96	0.0	0.0	0.0	0.0
109	4	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.42	-1.96	0.0	0.0	0.0	0.0
109	5	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.42	-1.96	0.0	0.0	0.0	0.0
110	1	492.83	0.0	0.0	-12.02	0.0	-4.57	6.01	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	4.68	-6.01	0.0	0.0	0.0	0.0
110	3	379.10	0.0	0.0	-9.25	0.0	-3.51	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	3.60	-4.62	0.0	0.0	0.0	0.0
110	4	379.10	0.0	0.0	-9.25	0.0	-3.50	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	3.61	-4.62	0.0	0.0	0.0	0.0
110	5	379.10	0.0	0.0	-9.25	0.0	-3.50	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	3.61	-4.62	0.0	0.0	0.0	0.0
111	1	492.83	0.0	0.0	-12.02	0.0	4.62	6.01	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	-4.63	-6.01	0.0	0.0	0.0	0.0
111	3	379.10	0.0	0.0	-9.25	0.0	3.55	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	-3.56	-4.62	0.0	0.0	0.0	0.0
111	4	379.10	0.0	0.0	-9.25	0.0	3.55	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	-3.56	-4.62	0.0	0.0	0.0	0.0
111	5	379.10	0.0	0.0	-9.25	0.0	3.55	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	-3.56	-4.62	0.0	0.0	0.0	0.0
112	1	492.83	0.0	0.0	-12.02	0.0	-4.63	6.01	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	4.62	-6.01	0.0	0.0	0.0	0.0

112	3	379.10	0.0	0.0	-9.25	0.0	-3.56	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	3.55	-4.62	0.0	0.0	0.0	0.0
112	4	379.10	0.0	0.0	-9.25	0.0	-3.56	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	3.55	-4.62	0.0	0.0	0.0	0.0
112	5	379.10	0.0	0.0	-9.25	0.0	-3.56	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	3.55	-4.62	0.0	0.0	0.0	0.0
113	1	492.83	0.0	0.0	-12.02	0.0	6.25	6.01	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	-2.99	-6.01	0.0	0.0	0.0	0.0
113	3	379.10	0.0	0.0	-9.25	0.0	4.95	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	-2.16	-4.62	0.0	0.0	0.0	0.0
113	4	379.10	0.0	0.0	-9.25	0.0	4.68	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	-2.43	-4.62	0.0	0.0	0.0	0.0
113	5	379.10	0.0	0.0	-9.25	0.0	4.68	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	-2.43	-4.62	0.0	0.0	0.0	0.0
114	1	62.62	0.0	0.0	-4.16	0.0	-1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.84	-2.08	0.0	0.0	0.0	0.0
114	3	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
114	4	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
114	5	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
115	1	62.62	0.0	0.0	-4.16	0.0	1.84	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
115	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
115	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
115	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
116	1	114.06	0.0	0.0	-4.16	0.0	36.31	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	27.06	-2.08	0.0	0.0	0.0	0.0
116	2	87.74	0.0	0.0	-3.20	0.0	29.26	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	22.15	-1.60	0.0	0.0	0.0	0.0
116	3	87.74	0.0	0.0	-3.20	0.0	27.41	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	20.29	-1.60	0.0	0.0	0.0	0.0
116	4	87.74	0.0	0.0	-3.20	0.0	23.87	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	16.76	-1.60	0.0	0.0	0.0	0.0
116	5	87.74	0.0	0.0	-3.20	0.0	23.87	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	16.76	-1.60	0.0	0.0	0.0	0.0
117	1	114.06	0.0	0.0	-4.16	0.0	-4.63	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	4.62	-2.08	0.0	0.0	0.0	0.0
117	3	87.74	0.0	0.0	-3.20	0.0	-3.56	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	3.55	-1.60	0.0	0.0	0.0	0.0
117	4	87.74	0.0	0.0	-3.20	0.0	-3.56	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	3.55	-1.60	0.0	0.0	0.0	0.0
117	5	87.74	0.0	0.0	-3.20	0.0	-3.56	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	3.55	-1.60	0.0	0.0	0.0	0.0
118	1	69.97	0.0	0.0	-4.16	0.0	35.38	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	40.01	-2.08	0.0	0.0	0.0	0.0
118	2	53.82	0.0	0.0	-3.20	0.0	28.57	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	32.13	-1.60	0.0	0.0	0.0	0.0
118	3	53.82	0.0	0.0	-3.20	0.0	26.67	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	30.22	-1.60	0.0	0.0	0.0	0.0
118	4	53.82	0.0	0.0	-3.20	0.0	22.70	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	26.25	-1.60	0.0	0.0	0.0	0.0
118	5	53.82	0.0	0.0	-3.20	0.0	22.70	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	26.25	-1.60	0.0	0.0	0.0	0.0
119	1	69.97	0.0	0.0	-4.16	0.0	2.31	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-2.31	-2.08	0.0	0.0	0.0	0.0
119	3	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
119	4	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
119	5	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
120	1	69.97	0.0	0.0	-4.16	0.0	184.91	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	189.53	-2.08	0.0	0.0	0.0	0.0
120	2	53.82	0.0	0.0	-3.20	0.0	148.93	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	152.49	-1.60	0.0	0.0	0.0	0.0
120	3	53.82	0.0	0.0	-3.20	0.0	139.18	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	142.74	-1.60	0.0	0.0	0.0	0.0
120	4	53.82	0.0	0.0	-3.20	0.0	119.72	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	123.28	-1.60	0.0	0.0	0.0	0.0
120	5	53.82	0.0	0.0	-3.20	0.0	119.72	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	123.28	-1.60	0.0	0.0	0.0	0.0
121	1	69.97	0.0	0.0	-4.16	0.0	85.80	2.08	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	134.5	90.42	-2.08	0.0	0.0	0.0	0.0
121	2	53.82	0.0	0.0	-3.20	0.0	69.16	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	72.72	-1.60	0.0	0.0	0.0	0.0
121	3	53.82	0.0	0.0	-3.20	0.0	64.59	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	68.14	-1.60	0.0	0.0	0.0	0.0
121	4	53.82	0.0	0.0	-3.20	0.0	55.39	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	58.95	-1.60	0.0	0.0	0.0	0.0
121	5	53.82	0.0	0.0	-3.20	0.0	55.39	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	58.95	-1.60	0.0	0.0	0.0	0.0
122	1	114.06	0.0	0.0	-4.16	0.0	27.69	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	18.45	-2.08	0.0	0.0	0.0	0.0
122	2	87.74	0.0	0.0	-3.20	0.0	21.93	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	14.82	-1.60	0.0	0.0	0.0	0.0
122	3	87.74	0.0	0.0	-3.20	0.0	20.80	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	13.68	-1.60	0.0	0.0	0.0	0.0
122	4	87.74	0.0	0.0	-3.20	0.0	18.89	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	11.78	-1.60	0.0	0.0	0.0	0.0
122	5	87.74	0.0	0.0	-3.20	0.0	18.89	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	11.78	-1.60	0.0	0.0	0.0	0.0
123	1	69.97	0.0	0.0	-4.16	0.0	2.31	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-2.31	-2.08	0.0	0.0	0.0	0.0
123	3	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
123	4	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
123	5	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
124	1	69.97	0.0	0.0	-4.16	0.0	-2.31	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	2.31	-2.08	0.0	0.0	0.0	0.0
124	3	53.82	0.0	0.0	-3.20	0.0	-1.78	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	1.78	-1.60	0.0	0.0	0.0	0.0
124	4	53.82	0.0	0.0	-3.20	0.0	-1.78	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	1.77	-1.60	0.0	0.0	0.0	0.0
124	5	53.82	0.0	0.0	-3.20	0.0	-1.78	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	1.77	-1.60	0.0	0.0	0.0	0.0
125	1	62.62	0.0	0.0	-4.16	0.0	1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
125	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
125	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
125	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
126	1	69.97	0.0	0.0	-4.16	0.0	274.26	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	269.63	-2.08	0.0	0.0	0.0	0.0
126	2	53.82	0.0	0.0	-3.20	0.0	221.40	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	217.85	-1.60	0.0	0.0	0.0	0.0
126	3	53.82	0.0	0.0	-3.20	0.0	206.35	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	202.79	-1.60	0.0	0.0	0.0	0.0
126	4	53.82	0.0	0.0	-3.20	0.0	176.19	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	172.64	-1.60	0.0	0.0	0.0	0.0
126	5	53.82	0.0	0.0	-3.20	0.0	176.19	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	172.64	-1.60	0.0	0.0	0.0	0.0
127	1	69.97	0.0	0.0	-4.16	0.0	867.49	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	872.11	-2.08	0.0	0.0	0.0	0.0
127	2	53.82	0.0	0.0	-3.20	0.0	699.06	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	702.62	-1.60	0.0	0.0	0.0	0.0
127	3	53.82	0.0	0.0	-3.20	0.0	653.20	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	656.76	-1.60	0.0	0.0	0.0	0.0
127	4	53.82	0.0	0.0	-3.20	0.0	561.44	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	564.99	-1.60	0.0	0.0	0.0	0.0
127	5	53.82	0.0	0.0	-3.20	0.0	561.44	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	564.99	-1.60	0.0	0.0	0.0	0.0
128	1	69.97	0.0	0.0	-4.16	0.0	2.31	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-2.32	-2.08	0.0	0.0	0.0	0.0
128	3	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
128	4	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
128	5	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
129	1	62.62	0.0	0.0	-4.16	0.0	-1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.85	-2.08	0.0	0.0	0.0	0.0
129	3	48.17	0.0	0.0	-3.20	0.0	-1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
129	4	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0

129	5	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
130	1	62.62	0.0	0.0	-4.16	0.0	1.35	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	5.05	-2.08	0.0	0.0	0.0	0.0
130	2	48.17	0.0	0.0	-3.20	0.0	1.03	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	3.88	-1.60	0.0	0.0	0.0	0.0
130	3	48.17	0.0	0.0	-3.20	0.0	1.03	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	3.88	-1.60	0.0	0.0	0.0	0.0
130	4	48.17	0.0	0.0	-3.20	0.0	0.49	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	3.33	-1.60	0.0	0.0	0.0	0.0
130	5	48.17	0.0	0.0	-3.20	0.0	0.49	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	3.33	-1.60	0.0	0.0	0.0	0.0
131	1	62.62	0.0	0.0	-4.16	0.0	1.84	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
131	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
131	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
131	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
132	1	62.62	0.0	0.0	-4.16	0.0	10.31	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	14.01	-2.08	0.0	0.0	0.0	0.0
132	2	48.17	0.0	0.0	-3.20	0.0	8.23	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	11.08	-1.60	0.0	0.0	0.0	0.0
132	3	48.17	0.0	0.0	-3.20	0.0	7.84	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	10.68	-1.60	0.0	0.0	0.0	0.0
132	4	48.17	0.0	0.0	-3.20	0.0	8.22	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	11.06	-1.60	0.0	0.0	0.0	0.0
132	5	48.17	0.0	0.0	-3.20	0.0	8.22	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	11.06	-1.60	0.0	0.0	0.0	0.0
133	1	62.62	0.0	0.0	-4.16	0.0	1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
133	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.42	-1.60	0.0	0.0	0.0	0.0
133	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
133	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
134	1	62.62	0.0	0.0	-4.16	0.0	10.14	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	13.83	-2.08	0.0	0.0	0.0	0.0
134	2	48.17	0.0	0.0	-3.20	0.0	8.22	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	11.06	-1.60	0.0	0.0	0.0	0.0
134	3	48.17	0.0	0.0	-3.20	0.0	8.09	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	10.94	-1.60	0.0	0.0	0.0	0.0
134	4	48.17	0.0	0.0	-3.20	0.0	6.55	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	9.39	-1.60	0.0	0.0	0.0	0.0
134	5	48.17	0.0	0.0	-3.20	0.0	6.55	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	9.39	-1.60	0.0	0.0	0.0	0.0
135	1	62.62	0.0	0.0	-4.16	0.0	1.84	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
135	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.42	-1.60	0.0	0.0	0.0	0.0
135	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.42	-1.60	0.0	0.0	0.0	0.0
135	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.42	-1.60	0.0	0.0	0.0	0.0
136	1	62.62	0.0	0.0	-4.16	0.0	1.84	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
136	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.42	-1.60	0.0	0.0	0.0	0.0
136	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
136	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
137	1	62.62	0.0	0.0	-4.16	0.0	-0.09	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	3.61	-2.08	0.0	0.0	0.0	0.0
137	3	48.17	0.0	0.0	-3.20	0.0	-0.20	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	2.65	-1.60	0.0	0.0	0.0	0.0
137	4	48.17	0.0	0.0	-3.20	0.0	-0.29	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	2.55	-1.60	0.0	0.0	0.0	0.0
137	5	48.17	0.0	0.0	-3.20	0.0	-0.29	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	2.55	-1.60	0.0	0.0	0.0	0.0
138	1	62.62	0.0	0.0	-4.16	0.0	1.84	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
138	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
138	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	120.4	-1.42	-1.60	0.0	0.0	0.0	0.0
138	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.42	-1.60	0.0	0.0	0.0	0.0
139	1	62.62	0.0	0.0	-4.16	0.0	-1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.85	-2.08	0.0	0.0	0.0	0.0
139	3	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
139	4	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
139	5	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
140	1	62.62	0.0	0.0	-4.16	0.0	13.82	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	17.51	-2.08	0.0	0.0	0.0	0.0
140	2	48.17	0.0	0.0	-3.20	0.0	11.93	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	14.78	-1.60	0.0	0.0	0.0	0.0
140	3	48.17	0.0	0.0	-3.20	0.0	11.05	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	13.89	-1.60	0.0	0.0	0.0	0.0
140	4	48.17	0.0	0.0	-3.20	0.0	9.07	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	11.92	-1.60	0.0	0.0	0.0	0.0
140	5	48.17	0.0	0.0	-3.20	0.0	9.07	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	11.92	-1.60	0.0	0.0	0.0	0.0
141	1	62.62	0.0	0.0	-4.16	0.0	1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
141	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
141	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
141	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
142	1	62.62	0.0	0.0	-4.16	0.0	40.04	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	43.74	-2.08	0.0	0.0	0.0	0.0
142	2	48.17	0.0	0.0	-3.20	0.0	32.13	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	34.98	-1.60	0.0	0.0	0.0	0.0
142	3	48.17	0.0	0.0	-3.20	0.0	30.19	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	33.04	-1.60	0.0	0.0	0.0	0.0
142	4	48.17	0.0	0.0	-3.20	0.0	26.26	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	29.10	-1.60	0.0	0.0	0.0	0.0
142	5	48.17	0.0	0.0	-3.20	0.0	26.26	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	29.10	-1.60	0.0	0.0	0.0	0.0
143	1	62.62	0.0	0.0	-4.16	0.0	1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
143	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.42	-1.60	0.0	0.0	0.0	0.0
143	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
143	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
144	1	62.62	0.0	0.0	-4.16	0.0	73.41	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	77.11	-2.08	0.0	0.0	0.0	0.0
144	2	48.17	0.0	0.0	-3.20	0.0	59.94	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	62.78	-1.60	0.0	0.0	0.0	0.0
144	3	48.17	0.0	0.0	-3.20	0.0	54.98	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	57.82	-1.60	0.0	0.0	0.0	0.0
144	4	48.17	0.0	0.0	-3.20	0.0	44.99	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	47.84	-1.60	0.0	0.0	0.0	0.0
144	5	48.17	0.0	0.0	-3.20	0.0	44.99	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	47.84	-1.60	0.0	0.0	0.0	0.0
145	1	62.62	0.0	0.0	-4.16	0.0	1.84	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
145	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.42	-1.60	0.0	0.0	0.0	0.0
145	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
145	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
146	1	62.62	0.0	0.0	-4.16	0.0	84.12	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	87.82	-2.08	0.0	0.0	0.0	0.0
146	2	48.17	0.0	0.0	-3.20	0.0	67.04	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	69.89	-1.60	0.0	0.0	0.0	0.0
146	3	48.17	0.0	0.0	-3.20	0.0	63.55	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	66.39	-1.60	0.0	0.0	0.0	0.0
146	4	48.17	0.0	0.0	-3.20	0.0	56.75	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	59.59	-1.60	0.0	0.0	0.0	0.0
146	5	48.17	0.0	0.0	-3.20	0.0	56.75	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	59.59	-1.60	0.0	0.0	0.0	0.0
147	1	62.62	0.0	0.0	-4.16	0.0	1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0

147	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
147	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
147	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
148	1	62.62	0.0	0.0	-4.16	0.0	107.86	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	111.56	-2.08	0.0	0.0	0.0	0.0
148	2	48.17	0.0	0.0	-3.20	0.0	86.09	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	88.93	-1.60	0.0	0.0	0.0	0.0
148	3	48.17	0.0	0.0	-3.20	0.0	81.62	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	84.47	-1.60	0.0	0.0	0.0	0.0
148	4	48.17	0.0	0.0	-3.20	0.0	72.69	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	75.53	-1.60	0.0	0.0	0.0	0.0
148	5	48.17	0.0	0.0	-3.20	0.0	72.69	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	75.53	-1.60	0.0	0.0	0.0	0.0
149	1	62.62	0.0	0.0	-4.16	0.0	1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
149	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
149	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.42	-1.60	0.0	0.0	0.0	0.0
149	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.42	-1.60	0.0	0.0	0.0	0.0
150	1	62.62	0.0	0.0	-4.16	0.0	43.99	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	47.68	-2.08	0.0	0.0	0.0	0.0
150	2	48.17	0.0	0.0	-3.20	0.0	34.87	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	37.71	-1.60	0.0	0.0	0.0	0.0
150	3	48.17	0.0	0.0	-3.20	0.0	33.37	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	36.22	-1.60	0.0	0.0	0.0	0.0
150	4	48.17	0.0	0.0	-3.20	0.0	30.55	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	33.39	-1.60	0.0	0.0	0.0	0.0
150	5	48.17	0.0	0.0	-3.20	0.0	30.55	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	33.39	-1.60	0.0	0.0	0.0	0.0
151	1	62.62	0.0	0.0	-4.16	0.0	1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
151	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
151	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
151	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
152	1	62.62	0.0	0.0	-4.16	0.0	53.45	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	57.15	-2.08	0.0	0.0	0.0	0.0
152	2	48.17	0.0	0.0	-3.20	0.0	43.89	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	46.73	-1.60	0.0	0.0	0.0	0.0
152	3	48.17	0.0	0.0	-3.20	0.0	39.93	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	42.77	-1.60	0.0	0.0	0.0	0.0
152	4	48.17	0.0	0.0	-3.20	0.0	32.13	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	34.97	-1.60	0.0	0.0	0.0	0.0
152	5	48.17	0.0	0.0	-3.20	0.0	32.13	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	34.97	-1.60	0.0	0.0	0.0	0.0
153	1	62.62	0.0	0.0	-4.16	0.0	5.56	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	9.25	-2.08	0.0	0.0	0.0	0.0
153	2	48.17	0.0	0.0	-3.20	0.0	4.25	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	7.10	-1.60	0.0	0.0	0.0	0.0
153	3	48.17	0.0	0.0	-3.20	0.0	4.17	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	7.02	-1.60	0.0	0.0	0.0	0.0
153	4	48.17	0.0	0.0	-3.20	0.0	4.08	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	6.93	-1.60	0.0	0.0	0.0	0.0
153	5	48.17	0.0	0.0	-3.20	0.0	4.08	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	6.93	-1.60	0.0	0.0	0.0	0.0
154	1	62.62	0.0	0.0	-4.16	0.0	1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
154	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
154	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
154	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
155	1	62.62	0.0	0.0	-4.16	0.0	19.32	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	23.02	-2.08	0.0	0.0	0.0	0.0
155	2	48.17	0.0	0.0	-3.20	0.0	16.12	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	18.97	-1.60	0.0	0.0	0.0	0.0
155	3	48.17	0.0	0.0	-3.20	0.0	14.34	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	17.19	-1.60	0.0	0.0	0.0	0.0
155	4	48.17	0.0	0.0	-3.20	0.0	10.65	1.60	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	120.4	13.50	-1.60	0.0	0.0	0.0	0.0
155	5	48.17	0.0	0.0	-3.20	0.0	10.65	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	13.50	-1.60	0.0	0.0	0.0	0.0
156	1	62.62	0.0	0.0	-4.16	0.0	1.84	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
156	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.42	-1.60	0.0	0.0	0.0	0.0
156	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
156	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
157	1	62.62	0.0	0.0	-4.16	0.0	25.80	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	29.49	-2.08	0.0	0.0	0.0	0.0
157	2	48.17	0.0	0.0	-3.20	0.0	20.62	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	23.46	-1.60	0.0	0.0	0.0	0.0
157	3	48.17	0.0	0.0	-3.20	0.0	19.54	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	22.39	-1.60	0.0	0.0	0.0	0.0
157	4	48.17	0.0	0.0	-3.20	0.0	17.33	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	20.18	-1.60	0.0	0.0	0.0	0.0
157	5	48.17	0.0	0.0	-3.20	0.0	17.33	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	20.18	-1.60	0.0	0.0	0.0	0.0
158	1	62.62	0.0	0.0	-4.16	0.0	1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
158	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
158	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
158	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
159	1	62.62	0.0	0.0	-4.16	0.0	15.74	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	19.44	-2.08	0.0	0.0	0.0	0.0
159	2	48.17	0.0	0.0	-3.20	0.0	13.15	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	16.00	-1.60	0.0	0.0	0.0	0.0
159	3	48.17	0.0	0.0	-3.20	0.0	11.69	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	14.53	-1.60	0.0	0.0	0.0	0.0
159	4	48.17	0.0	0.0	-3.20	0.0	8.57	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	11.42	-1.60	0.0	0.0	0.0	0.0
159	5	48.17	0.0	0.0	-3.20	0.0	8.57	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	11.42	-1.60	0.0	0.0	0.0	0.0
160	1	62.62	0.0	0.0	-4.16	0.0	1.86	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.84	-2.08	0.0	0.0	0.0	0.0
160	3	48.17	0.0	0.0	-3.20	0.0	1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.41	-1.60	0.0	0.0	0.0	0.0
160	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.42	-1.60	0.0	0.0	0.0	0.0
160	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.42	-1.60	0.0	0.0	0.0	0.0
161	1	62.62	0.0	0.0	-4.16	0.0	-1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.85	-2.08	0.0	0.0	0.0	0.0
161	3	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
161	4	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
161	5	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
162	1	62.62	0.0	0.0	-4.16	0.0	1.84	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
162	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
162	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
162	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
163	1	62.62	0.0	0.0	-4.16	0.0	312.03	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	315.73	-2.08	0.0	0.0	0.0	0.0
163	2	48.17	0.0	0.0	-3.20	0.0	251.33	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	254.17	-1.60	0.0	0.0	0.0	0.0
163	3	48.17	0.0	0.0	-3.20	0.0	234.83	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	237.67	-1.60	0.0	0.0	0.0	0.0
163	4	48.17	0.0	0.0	-3.20	0.0	202.23	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	205.08	-1.60	0.0	0.0	0.0	0.0
163	5	48.17	0.0	0.0	-3.20	0.0	202.23	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	205.08	-1.60	0.0	0.0	0.0	0.0
164	1	62.62	0.0	0.0	-4.16	0.0	1.84	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
164	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0

164	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.42	-1.60	0.0	0.0	0.0	0.0
164	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.42	-1.60	0.0	0.0	0.0	0.0
165	1	62.62	0.0	0.0	-4.16	0.0	-1.82	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.88	-2.08	0.0	0.0	0.0	0.0
165	3	48.17	0.0	0.0	-3.20	0.0	-1.39	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.45	-1.60	0.0	0.0	0.0	0.0
165	4	48.17	0.0	0.0	-3.20	0.0	-1.40	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.44	-1.60	0.0	0.0	0.0	0.0
165	5	48.17	0.0	0.0	-3.20	0.0	-1.40	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.44	-1.60	0.0	0.0	0.0	0.0
166	1	62.62	0.0	0.0	-4.16	0.0	12.58	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	8.88	-2.08	0.0	0.0	0.0	0.0
166	2	48.17	0.0	0.0	-3.20	0.0	9.95	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	7.10	-1.60	0.0	0.0	0.0	0.0
166	3	48.17	0.0	0.0	-3.20	0.0	9.63	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	6.79	-1.60	0.0	0.0	0.0	0.0
166	4	48.17	0.0	0.0	-3.20	0.0	9.27	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	6.43	-1.60	0.0	0.0	0.0	0.0
166	5	48.17	0.0	0.0	-3.20	0.0	9.27	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	6.43	-1.60	0.0	0.0	0.0	0.0
167	1	62.62	0.0	0.0	-4.16	0.0	-1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.84	-2.08	0.0	0.0	0.0	0.0
167	3	48.17	0.0	0.0	-3.20	0.0	-1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
167	4	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
167	5	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
168	1	62.62	0.0	0.0	-4.16	0.0	39.80	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	43.50	-2.08	0.0	0.0	0.0	0.0
168	2	48.17	0.0	0.0	-3.20	0.0	32.76	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	35.61	-1.60	0.0	0.0	0.0	0.0
168	3	48.17	0.0	0.0	-3.20	0.0	29.93	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	32.77	-1.60	0.0	0.0	0.0	0.0
168	4	48.17	0.0	0.0	-3.20	0.0	24.06	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	26.90	-1.60	0.0	0.0	0.0	0.0
168	5	48.17	0.0	0.0	-3.20	0.0	24.06	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	26.90	-1.60	0.0	0.0	0.0	0.0
169	1	62.62	0.0	0.0	-4.16	0.0	1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
169	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.42	-1.60	0.0	0.0	0.0	0.0
169	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
169	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
170	1	62.62	0.0	0.0	-4.16	0.0	35.88	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	39.58	-2.08	0.0	0.0	0.0	0.0
170	2	48.17	0.0	0.0	-3.20	0.0	29.05	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	31.89	-1.60	0.0	0.0	0.0	0.0
170	3	48.17	0.0	0.0	-3.20	0.0	27.08	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	29.93	-1.60	0.0	0.0	0.0	0.0
170	4	48.17	0.0	0.0	-3.20	0.0	23.04	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	25.89	-1.60	0.0	0.0	0.0	0.0
170	5	48.17	0.0	0.0	-3.20	0.0	23.04	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	25.89	-1.60	0.0	0.0	0.0	0.0
171	1	62.62	0.0	0.0	-4.16	0.0	1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
171	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.42	-1.60	0.0	0.0	0.0	0.0
171	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
171	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
172	1	62.62	0.0	0.0	-4.16	0.0	-1.83	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.87	-2.08	0.0	0.0	0.0	0.0
172	3	48.17	0.0	0.0	-3.20	0.0	-1.40	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.44	-1.60	0.0	0.0	0.0	0.0
172	4	48.17	0.0	0.0	-3.20	0.0	-1.41	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.44	-1.60	0.0	0.0	0.0	0.0
172	5	48.17	0.0	0.0	-3.20	0.0	-1.41	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.44	-1.60	0.0	0.0	0.0	0.0
173	1	62.62	0.0	0.0	-4.16	0.0	1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
173	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
173	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
173	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
174	1	62.62	0.0	0.0	-4.16	0.0	-1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.85	-2.08	0.0	0.0	0.0	0.0
174	3	48.17	0.0	0.0	-3.20	0.0	-1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
174	4	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
174	5	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
175	1	62.62	0.0	0.0	-4.16	0.0	15.39	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	11.69	-2.08	0.0	0.0	0.0	0.0
175	2	48.17	0.0	0.0	-3.20	0.0	12.39	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	9.54	-1.60	0.0	0.0	0.0	0.0
175	3	48.17	0.0	0.0	-3.20	0.0	11.68	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	8.83	-1.60	0.0	0.0	0.0	0.0
175	4	48.17	0.0	0.0	-3.20	0.0	10.41	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	7.57	-1.60	0.0	0.0	0.0	0.0
175	5	48.17	0.0	0.0	-3.20	0.0	10.41	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	7.57	-1.60	0.0	0.0	0.0	0.0
176	1	62.62	0.0	0.0	-4.16	0.0	14.12	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	17.82	-2.08	0.0	0.0	0.0	0.0
176	2	48.17	0.0	0.0	-3.20	0.0	10.90	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	13.75	-1.60	0.0	0.0	0.0	0.0
176	3	48.17	0.0	0.0	-3.20	0.0	10.55	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	13.39	-1.60	0.0	0.0	0.0	0.0
176	4	48.17	0.0	0.0	-3.20	0.0	10.15	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	12.99	-1.60	0.0	0.0	0.0	0.0
176	5	48.17	0.0	0.0	-3.20	0.0	10.15	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	12.99	-1.60	0.0	0.0	0.0	0.0
177	1	62.62	0.0	0.0	-4.16	0.0	1.84	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
177	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
177	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
177	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
178	1	62.62	0.0	0.0	-4.16	0.0	0.27	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	3.97	-2.08	0.0	0.0	0.0	0.0
178	2	48.17	0.0	0.0	-3.20	0.0	0.04	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	2.89	-1.60	0.0	0.0	0.0	0.0
178	3	48.17	0.0	0.0	-3.20	0.0	-0.13	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	2.72	-1.60	0.0	0.0	0.0	0.0
178	4	48.17	0.0	0.0	-3.20	0.0	-0.32	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	2.52	-1.60	0.0	0.0	0.0	0.0
178	5	48.17	0.0	0.0	-3.20	0.0	-0.32	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	2.52	-1.60	0.0	0.0	0.0	0.0
179	1	62.62	0.0	0.0	-4.16	0.0	1.84	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
179	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
179	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
179	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
180	1	62.62	0.0	0.0	-4.16	0.0	0.58	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	4.27	-2.08	0.0	0.0	0.0	0.0
180	2	48.17	0.0	0.0	-3.20	0.0	0.41	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	3.26	-1.60	0.0	0.0	0.0	0.0
180	3	48.17	0.0	0.0	-3.20	0.0	0.38	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	3.22	-1.60	0.0	0.0	0.0	0.0
180	4	48.17	0.0	0.0	-3.20	0.0	0.49	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	3.33	-1.60	0.0	0.0	0.0	0.0
180	5	48.17	0.0	0.0	-3.20	0.0	0.49	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	3.33	-1.60	0.0	0.0	0.0	0.0
181	1	62.62	0.0	0.0	-4.16	0.0	1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
181	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.42	-1.60	0.0	0.0	0.0	0.0
181	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
181	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0

182	1	62.62	0.0	0.0	-4.16	0.0	-1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.85	-2.08	0.0	0.0	0.0	0.0
182	3	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
182	4	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
182	5	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
183	1	62.62	0.0	0.0	-4.16	0.0	24.17	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	20.48	-2.08	0.0	0.0	0.0	0.0
183	2	48.17	0.0	0.0	-3.20	0.0	19.80	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	16.95	-1.60	0.0	0.0	0.0	0.0
183	3	48.17	0.0	0.0	-3.20	0.0	18.20	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	15.36	-1.60	0.0	0.0	0.0	0.0
183	4	48.17	0.0	0.0	-3.20	0.0	14.76	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	11.92	-1.60	0.0	0.0	0.0	0.0
183	5	48.17	0.0	0.0	-3.20	0.0	14.76	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	11.92	-1.60	0.0	0.0	0.0	0.0
184	1	69.97	0.0	0.0	-4.16	0.0	89.63	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	94.25	-2.08	0.0	0.0	0.0	0.0
184	2	53.82	0.0	0.0	-3.20	0.0	72.22	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	75.78	-1.60	0.0	0.0	0.0	0.0
184	3	53.82	0.0	0.0	-3.20	0.0	67.49	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	71.04	-1.60	0.0	0.0	0.0	0.0
184	4	53.82	0.0	0.0	-3.20	0.0	58.02	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	61.58	-1.60	0.0	0.0	0.0	0.0
184	5	53.82	0.0	0.0	-3.20	0.0	58.02	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	61.58	-1.60	0.0	0.0	0.0	0.0
185	1	69.97	0.0	0.0	-4.16	0.0	2.31	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-2.32	-2.08	0.0	0.0	0.0	0.0
185	3	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
185	4	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
185	5	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
186	1	69.97	0.0	0.0	-4.16	0.0	57.97	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	62.59	-2.08	0.0	0.0	0.0	0.0
186	2	53.82	0.0	0.0	-3.20	0.0	46.76	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	50.31	-1.60	0.0	0.0	0.0	0.0
186	3	53.82	0.0	0.0	-3.20	0.0	43.62	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	47.18	-1.60	0.0	0.0	0.0	0.0
186	4	53.82	0.0	0.0	-3.20	0.0	37.30	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	40.86	-1.60	0.0	0.0	0.0	0.0
186	5	53.82	0.0	0.0	-3.20	0.0	37.30	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	40.86	-1.60	0.0	0.0	0.0	0.0
187	1	69.97	0.0	0.0	-4.16	0.0	2.31	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-2.32	-2.08	0.0	0.0	0.0	0.0
187	3	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
187	4	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
187	5	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
188	1	69.97	0.0	0.0	-4.16	0.0	59.40	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	64.02	-2.08	0.0	0.0	0.0	0.0
188	2	53.82	0.0	0.0	-3.20	0.0	47.97	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	51.52	-1.60	0.0	0.0	0.0	0.0
188	3	53.82	0.0	0.0	-3.20	0.0	44.68	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	48.24	-1.60	0.0	0.0	0.0	0.0
188	4	53.82	0.0	0.0	-3.20	0.0	37.95	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	41.50	-1.60	0.0	0.0	0.0	0.0
188	5	53.82	0.0	0.0	-3.20	0.0	37.95	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	41.50	-1.60	0.0	0.0	0.0	0.0
189	1	69.97	0.0	0.0	-4.16	0.0	66.44	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	71.06	-2.08	0.0	0.0	0.0	0.0
189	2	53.82	0.0	0.0	-3.20	0.0	53.52	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	57.07	-1.60	0.0	0.0	0.0	0.0
189	3	53.82	0.0	0.0	-3.20	0.0	50.03	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	53.59	-1.60	0.0	0.0	0.0	0.0
189	4	53.82	0.0	0.0	-3.20	0.0	43.14	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	46.70	-1.60	0.0	0.0	0.0	0.0
189	5	53.82	0.0	0.0	-3.20	0.0	43.14	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	46.70	-1.60	0.0	0.0	0.0	0.0
190	1	69.97	0.0	0.0	-4.16	0.0	2.31	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-2.32	-2.08	0.0	0.0	0.0	0.0
190	3	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
190	4	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
190	5	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
191	1	69.97	0.0	0.0	-4.16	0.0	49.61	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	54.24	-2.08	0.0	0.0	0.0	0.0
191	2	53.82	0.0	0.0	-3.20	0.0	39.96	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	43.51	-1.60	0.0	0.0	0.0	0.0
191	3	53.82	0.0	0.0	-3.20	0.0	37.38	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	40.93	-1.60	0.0	0.0	0.0	0.0
191	4	53.82	0.0	0.0	-3.20	0.0	32.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	35.98	-1.60	0.0	0.0	0.0	0.0
191	5	53.82	0.0	0.0	-3.20	0.0	32.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	35.98	-1.60	0.0	0.0	0.0	0.0
192	1	62.62	0.0	0.0	-4.16	0.0	1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
192	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
192	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
192	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
193	1	62.62	0.0	0.0	-4.16	0.0	-1.22	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	2.48	-2.08	0.0	0.0	0.0	0.0
193	3	48.17	0.0	0.0	-3.20	0.0	-0.99	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.86	-1.60	0.0	0.0	0.0	0.0
193	4	48.17	0.0	0.0	-3.20	0.0	-1.19	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.66	-1.60	0.0	0.0	0.0	0.0
193	5	48.17	0.0	0.0	-3.20	0.0	-1.19	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.66	-1.60	0.0	0.0	0.0	0.0
194	1	69.97	0.0	0.0	-4.16	0.0	2.31	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-2.32	-2.08	0.0	0.0	0.0	0.0
194	3	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
194	4	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
194	5	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
195	1	114.06	0.0	0.0	-4.16	0.0	2.57	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	11.82	-2.08	0.0	0.0	0.0	0.0
195	2	87.74	0.0	0.0	-3.20	0.0	2.27	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	9.38	-1.60	0.0	0.0	0.0	0.0
195	3	87.74	0.0	0.0	-3.20	0.0	1.81	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	8.92	-1.60	0.0	0.0	0.0	0.0
195	4	87.74	0.0	0.0	-3.20	0.0	0.90	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	8.02	-1.60	0.0	0.0	0.0	0.0
195	5	87.74	0.0	0.0	-3.20	0.0	0.90	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	8.02	-1.60	0.0	0.0	0.0	0.0
196	1	86.46	0.0	0.0	-5.09	0.0	-1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.85	-2.54	0.0	0.0	0.0	0.0
196	3	66.51	0.0	0.0	-3.91	0.0	-1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
196	4	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
196	5	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
197	1	114.06	0.0	0.0	-4.16	0.0	4.62	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	-4.63	-2.08	0.0	0.0	0.0	0.0
197	3	87.74	0.0	0.0	-3.20	0.0	3.55	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	-3.56	-1.60	0.0	0.0	0.0	0.0
197	4	87.74	0.0	0.0	-3.20	0.0	3.55	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	-3.56	-1.60	0.0	0.0	0.0	0.0
197	5	87.74	0.0	0.0	-3.20	0.0	3.55	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	-3.56	-1.60	0.0	0.0	0.0	0.0
198	1	114.06	0.0	0.0	-4.16	0.0	-3.54	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	5.71	-2.08	0.0	0.0	0.0	0.0
198	3	87.74	0.0	0.0	-3.20	0.0	-2.81	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	4.30	-1.60	0.0	0.0	0.0	0.0
198	4	87.74	0.0	0.0	-3.20	0.0	-2.87	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	4.25	-1.60	0.0	0.0	0.0	0.0
198	5	87.74	0.0	0.0	-3.20	0.0	-2.87	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	4.25	-1.60	0.0	0.0	0.0	0.0
199	1	94.50	0.0	0.0	-5.09	0.0	30.13	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	34.75	-2.54	0.0	0.0	0.0	0.0
199	2	72.69	0.0	0.0	-3.91	0.0	24.32	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	27.87	-1.96	0.0	0.0	0.0	0.0

199	3	72.69	0.0	0.0	-3.91	0.0	22.67	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	26.23	-1.96	0.0	0.0	0.0	0.0
199	4	72.69	0.0	0.0	-3.91	0.0	19.38	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	22.93	-1.96	0.0	0.0	0.0	0.0
199	5	72.69	0.0	0.0	-3.91	0.0	19.38	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	22.93	-1.96	0.0	0.0	0.0	0.0
200	1	94.50	0.0	0.0	-5.09	0.0	2.31	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-2.31	-2.54	0.0	0.0	0.0	0.0
200	3	72.69	0.0	0.0	-3.91	0.0	1.77	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
200	4	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
200	5	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
201	1	114.06	0.0	0.0	-4.16	0.0	4.62	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	-4.62	-2.08	0.0	0.0	0.0	0.0
201	3	87.74	0.0	0.0	-3.20	0.0	3.56	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	-3.55	-1.60	0.0	0.0	0.0	0.0
201	4	87.74	0.0	0.0	-3.20	0.0	3.56	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	-3.55	-1.60	0.0	0.0	0.0	0.0
201	5	87.74	0.0	0.0	-3.20	0.0	3.56	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	-3.55	-1.60	0.0	0.0	0.0	0.0
202	1	86.46	0.0	0.0	-5.09	0.0	74.96	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	71.26	-2.54	0.0	0.0	0.0	0.0
202	2	66.51	0.0	0.0	-3.91	0.0	60.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	57.59	-1.96	0.0	0.0	0.0	0.0
202	3	66.51	0.0	0.0	-3.91	0.0	56.39	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	53.54	-1.96	0.0	0.0	0.0	0.0
202	4	66.51	0.0	0.0	-3.91	0.0	48.37	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	45.53	-1.96	0.0	0.0	0.0	0.0
202	5	66.51	0.0	0.0	-3.91	0.0	48.37	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	45.53	-1.96	0.0	0.0	0.0	0.0
203	1	57.33	0.0	0.0	-3.93	0.0	46.94	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	50.64	-1.96	0.0	0.0	0.0	0.0
203	2	44.10	0.0	0.0	-3.02	0.0	39.21	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	42.05	-1.51	0.0	0.0	0.0	0.0
203	3	44.10	0.0	0.0	-3.02	0.0	34.75	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	37.60	-1.51	0.0	0.0	0.0	0.0
203	4	44.10	0.0	0.0	-3.02	0.0	25.78	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	28.62	-1.51	0.0	0.0	0.0	0.0
203	5	44.10	0.0	0.0	-3.02	0.0	25.78	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	28.62	-1.51	0.0	0.0	0.0	0.0
204	1	57.33	0.0	0.0	-3.93	0.0	1.93	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.77	-1.96	0.0	0.0	0.0	0.0
204	3	44.10	0.0	0.0	-3.02	0.0	1.49	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.35	-1.51	0.0	0.0	0.0	0.0
204	4	44.10	0.0	0.0	-3.02	0.0	1.50	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.34	-1.51	0.0	0.0	0.0	0.0
204	5	44.10	0.0	0.0	-3.02	0.0	1.50	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.34	-1.51	0.0	0.0	0.0	0.0
205	1	62.62	0.0	0.0	-4.16	0.0	12.07	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	15.77	-2.08	0.0	0.0	0.0	0.0
205	2	48.17	0.0	0.0	-3.20	0.0	9.76	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	12.61	-1.60	0.0	0.0	0.0	0.0
205	3	48.17	0.0	0.0	-3.20	0.0	8.94	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	11.78	-1.60	0.0	0.0	0.0	0.0
205	4	48.17	0.0	0.0	-3.20	0.0	7.35	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	10.19	-1.60	0.0	0.0	0.0	0.0
205	5	48.17	0.0	0.0	-3.20	0.0	7.35	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	10.19	-1.60	0.0	0.0	0.0	0.0
206	1	62.62	0.0	0.0	-4.16	0.0	92.41	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	96.11	-2.08	0.0	0.0	0.0	0.0
206	2	48.17	0.0	0.0	-3.20	0.0	74.38	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	77.22	-1.60	0.0	0.0	0.0	0.0
206	3	48.17	0.0	0.0	-3.20	0.0	69.64	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	72.49	-1.60	0.0	0.0	0.0	0.0
206	4	48.17	0.0	0.0	-3.20	0.0	60.10	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	62.95	-1.60	0.0	0.0	0.0	0.0
206	5	48.17	0.0	0.0	-3.20	0.0	60.10	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	62.95	-1.60	0.0	0.0	0.0	0.0
207	1	62.62	0.0	0.0	-4.16	0.0	142.42	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	138.72	-2.08	0.0	0.0	0.0	0.0
207	2	48.17	0.0	0.0	-3.20	0.0	114.85	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	112.01	-1.60	0.0	0.0	0.0	0.0
207	3	48.17	0.0	0.0	-3.20	0.0	107.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	104.58	-1.60	0.0	0.0	0.0	0.0
207	4	48.17	0.0	0.0	-3.20	0.0	92.51	1.60	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	120.4	89.66	-1.60	0.0	0.0	0.0	0.0
207	5	48.17	0.0	0.0	-3.20	0.0	92.51	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	89.66	-1.60	0.0	0.0	0.0	0.0
208	1	62.62	0.0	0.0	-4.16	0.0	216.45	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	212.75	-2.08	0.0	0.0	0.0	0.0
208	2	48.17	0.0	0.0	-3.20	0.0	174.56	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	171.71	-1.60	0.0	0.0	0.0	0.0
208	3	48.17	0.0	0.0	-3.20	0.0	162.89	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	160.05	-1.60	0.0	0.0	0.0	0.0
208	4	48.17	0.0	0.0	-3.20	0.0	139.65	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	136.80	-1.60	0.0	0.0	0.0	0.0
208	5	48.17	0.0	0.0	-3.20	0.0	139.65	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	136.80	-1.60	0.0	0.0	0.0	0.0
209	1	62.62	0.0	0.0	-4.16	0.0	615.25	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	618.95	-2.08	0.0	0.0	0.0	0.0
209	2	48.17	0.0	0.0	-3.20	0.0	495.67	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	498.51	-1.60	0.0	0.0	0.0	0.0
209	3	48.17	0.0	0.0	-3.20	0.0	463.26	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	466.10	-1.60	0.0	0.0	0.0	0.0
209	4	48.17	0.0	0.0	-3.20	0.0	398.58	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	401.43	-1.60	0.0	0.0	0.0	0.0
209	5	48.17	0.0	0.0	-3.20	0.0	398.58	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	401.43	-1.60	0.0	0.0	0.0	0.0
210	1	62.62	0.0	0.0	-4.16	0.0	1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
210	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
210	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
210	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
211	1	69.97	0.0	0.0	-4.16	0.0	33.22	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	37.84	-2.08	0.0	0.0	0.0	0.0
211	2	53.82	0.0	0.0	-3.20	0.0	26.85	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	30.41	-1.60	0.0	0.0	0.0	0.0
211	3	53.82	0.0	0.0	-3.20	0.0	24.96	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	28.52	-1.60	0.0	0.0	0.0	0.0
211	4	53.82	0.0	0.0	-3.20	0.0	21.07	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	24.62	-1.60	0.0	0.0	0.0	0.0
211	5	53.82	0.0	0.0	-3.20	0.0	21.07	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	24.62	-1.60	0.0	0.0	0.0	0.0
212	1	62.62	0.0	0.0	-4.16	0.0	1.84	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
212	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.42	-1.60	0.0	0.0	0.0	0.0
212	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
212	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
213	1	62.62	0.0	0.0	-4.16	0.0	7.90	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	11.60	-2.08	0.0	0.0	0.0	0.0
213	2	48.17	0.0	0.0	-3.20	0.0	6.52	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	9.37	-1.60	0.0	0.0	0.0	0.0
213	3	48.17	0.0	0.0	-3.20	0.0	6.09	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	8.94	-1.60	0.0	0.0	0.0	0.0
213	4	48.17	0.0	0.0	-3.20	0.0	4.92	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	7.76	-1.60	0.0	0.0	0.0	0.0
213	5	48.17	0.0	0.0	-3.20	0.0	4.92	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	7.76	-1.60	0.0	0.0	0.0	0.0
214	1	62.62	0.0	0.0	-4.16	0.0	12.75	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	16.45	-2.08	0.0	0.0	0.0	0.0
214	2	48.17	0.0	0.0	-3.20	0.0	10.27	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	13.12	-1.60	0.0	0.0	0.0	0.0
214	3	48.17	0.0	0.0	-3.20	0.0	9.52	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	12.36	-1.60	0.0	0.0	0.0	0.0
214	4	48.17	0.0	0.0	-3.20	0.0	8.07	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	10.91	-1.60	0.0	0.0	0.0	0.0
214	5	48.17	0.0	0.0	-3.20	0.0	8.07	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	10.91	-1.60	0.0	0.0	0.0	0.0
215	1	69.97	0.0	0.0	-4.16	0.0	2.31	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-2.31	-2.08	0.0	0.0	0.0	0.0
215	3	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
215	4	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
215	5	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0

216	1	62.62	0.0	0.0	-4.16	0.0	0.04	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	3.74	-2.08	0.0	0.0	0.0	0.0
216	3	48.17	0.0	0.0	-3.20	0.0	-0.04	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	2.80	-1.60	0.0	0.0	0.0	0.0
216	4	48.17	0.0	0.0	-3.20	0.0	-0.31	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	2.53	-1.60	0.0	0.0	0.0	0.0
216	5	48.17	0.0	0.0	-3.20	0.0	-0.31	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	2.53	-1.60	0.0	0.0	0.0	0.0
217	1	62.62	0.0	0.0	-4.16	0.0	1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
217	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
217	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
217	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
218	1	62.62	0.0	0.0	-4.16	0.0	1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
218	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
218	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
218	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
219	1	62.62	0.0	0.0	-4.16	0.0	1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
219	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
219	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
219	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
220	1	62.62	0.0	0.0	-4.16	0.0	10.07	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	13.77	-2.08	0.0	0.0	0.0	0.0
220	2	48.17	0.0	0.0	-3.20	0.0	8.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	11.28	-1.60	0.0	0.0	0.0	0.0
220	3	48.17	0.0	0.0	-3.20	0.0	7.37	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	10.21	-1.60	0.0	0.0	0.0	0.0
220	4	48.17	0.0	0.0	-3.20	0.0	5.23	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	8.08	-1.60	0.0	0.0	0.0	0.0
220	5	48.17	0.0	0.0	-3.20	0.0	5.23	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	8.08	-1.60	0.0	0.0	0.0	0.0
221	1	62.62	0.0	0.0	-4.16	0.0	1.84	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
221	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
221	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
221	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
222	1	62.62	0.0	0.0	-4.16	0.0	10.63	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	14.33	-2.08	0.0	0.0	0.0	0.0
222	2	48.17	0.0	0.0	-3.20	0.0	9.05	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	11.90	-1.60	0.0	0.0	0.0	0.0
222	3	48.17	0.0	0.0	-3.20	0.0	8.11	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	10.96	-1.60	0.0	0.0	0.0	0.0
222	4	48.17	0.0	0.0	-3.20	0.0	5.68	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	8.53	-1.60	0.0	0.0	0.0	0.0
222	5	48.17	0.0	0.0	-3.20	0.0	5.68	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	8.53	-1.60	0.0	0.0	0.0	0.0
223	1	69.97	0.0	0.0	-4.16	0.0	40.14	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	44.77	-2.08	0.0	0.0	0.0	0.0
223	2	53.82	0.0	0.0	-3.20	0.0	32.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	35.98	-1.60	0.0	0.0	0.0	0.0
223	3	53.82	0.0	0.0	-3.20	0.0	30.18	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	33.74	-1.60	0.0	0.0	0.0	0.0
223	4	53.82	0.0	0.0	-3.20	0.0	25.62	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	29.17	-1.60	0.0	0.0	0.0	0.0
223	5	53.82	0.0	0.0	-3.20	0.0	25.62	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	29.17	-1.60	0.0	0.0	0.0	0.0
224	1	62.62	0.0	0.0	-4.16	0.0	41.86	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	38.17	-2.08	0.0	0.0	0.0	0.0
224	2	48.17	0.0	0.0	-3.20	0.0	33.94	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	31.10	-1.60	0.0	0.0	0.0	0.0
224	3	48.17	0.0	0.0	-3.20	0.0	31.00	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	28.15	-1.60	0.0	0.0	0.0	0.0
224	4	48.17	0.0	0.0	-3.20	0.0	24.32	1.60	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	120.4	21.48	-1.60	0.0	0.0	0.0	0.0
224	5	48.17	0.0	0.0	-3.20	0.0	24.32	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	21.48	-1.60	0.0	0.0	0.0	0.0
225	1	62.62	0.0	0.0	-4.16	0.0	1.84	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
225	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.42	-1.60	0.0	0.0	0.0	0.0
225	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
225	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
226	1	69.97	0.0	0.0	-4.16	0.0	2.31	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-2.32	-2.08	0.0	0.0	0.0	0.0
226	3	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
226	4	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
226	5	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
227	1	62.62	0.0	0.0	-4.16	0.0	36.88	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	40.58	-2.08	0.0	0.0	0.0	0.0
227	2	48.17	0.0	0.0	-3.20	0.0	29.75	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	32.59	-1.60	0.0	0.0	0.0	0.0
227	3	48.17	0.0	0.0	-3.20	0.0	27.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	30.62	-1.60	0.0	0.0	0.0	0.0
227	4	48.17	0.0	0.0	-3.20	0.0	23.61	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	26.45	-1.60	0.0	0.0	0.0	0.0
227	5	48.17	0.0	0.0	-3.20	0.0	23.61	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	26.45	-1.60	0.0	0.0	0.0	0.0
228	1	62.62	0.0	0.0	-4.16	0.0	45.38	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	49.07	-2.08	0.0	0.0	0.0	0.0
228	2	48.17	0.0	0.0	-3.20	0.0	36.45	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	39.29	-1.60	0.0	0.0	0.0	0.0
228	3	48.17	0.0	0.0	-3.20	0.0	32.88	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	35.73	-1.60	0.0	0.0	0.0	0.0
228	4	48.17	0.0	0.0	-3.20	0.0	27.87	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	30.71	-1.60	0.0	0.0	0.0	0.0
228	5	48.17	0.0	0.0	-3.20	0.0	27.87	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	30.71	-1.60	0.0	0.0	0.0	0.0
229	1	62.62	0.0	0.0	-4.16	0.0	1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
229	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
229	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
229	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
230	1	62.62	0.0	0.0	-4.16	0.0	0.39	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	4.09	-2.08	0.0	0.0	0.0	0.0
230	3	48.17	0.0	0.0	-3.20	0.0	0.45	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	3.29	-1.60	0.0	0.0	0.0	0.0
230	4	48.17	0.0	0.0	-3.20	0.0	-0.07	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	2.77	-1.60	0.0	0.0	0.0	0.0
230	5	48.17	0.0	0.0	-3.20	0.0	-0.07	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	2.77	-1.60	0.0	0.0	0.0	0.0
231	1	62.62	0.0	0.0	-4.16	0.0	1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
231	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.42	-1.60	0.0	0.0	0.0	0.0
231	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
231	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
232	1	86.46	0.0	0.0	-5.09	0.0	561.29	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	557.59	-2.54	0.0	0.0	0.0	0.0
232	2	66.51	0.0	0.0	-3.91	0.0	453.16	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	450.32	-1.96	0.0	0.0	0.0	0.0
232	3	66.51	0.0	0.0	-3.91	0.0	422.24	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	419.40	-1.96	0.0	0.0	0.0	0.0
232	4	66.51	0.0	0.0	-3.91	0.0	360.38	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	357.53	-1.96	0.0	0.0	0.0	0.0
232	5	66.51	0.0	0.0	-3.91	0.0	360.38	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	357.53	-1.96	0.0	0.0	0.0	0.0
233	1	57.33	0.0	0.0	-3.93	0.0	-1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.85	-1.96	0.0	0.0	0.0	0.0
233	3	44.10	0.0	0.0	-3.02	0.0	-1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0

233	4	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
233	5	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
234	1	62.62	0.0	0.0	-4.16	0.0	1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
234	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
234	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
234	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
235	1	62.62	0.0	0.0	-4.16	0.0	4.44	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	8.14	-2.08	0.0	0.0	0.0	0.0
235	2	48.17	0.0	0.0	-3.20	0.0	3.38	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	6.23	-1.60	0.0	0.0	0.0	0.0
235	3	48.17	0.0	0.0	-3.20	0.0	3.44	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	6.29	-1.60	0.0	0.0	0.0	0.0
235	4	48.17	0.0	0.0	-3.20	0.0	2.10	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	4.94	-1.60	0.0	0.0	0.0	0.0
235	5	48.17	0.0	0.0	-3.20	0.0	2.10	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	4.94	-1.60	0.0	0.0	0.0	0.0
236	1	62.62	0.0	0.0	-4.16	0.0	12.99	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	16.69	-2.08	0.0	0.0	0.0	0.0
236	2	48.17	0.0	0.0	-3.20	0.0	10.51	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	13.35	-1.60	0.0	0.0	0.0	0.0
236	3	48.17	0.0	0.0	-3.20	0.0	10.22	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	13.07	-1.60	0.0	0.0	0.0	0.0
236	4	48.17	0.0	0.0	-3.20	0.0	9.09	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	11.93	-1.60	0.0	0.0	0.0	0.0
236	5	48.17	0.0	0.0	-3.20	0.0	9.09	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	11.93	-1.60	0.0	0.0	0.0	0.0
237	1	62.62	0.0	0.0	-4.16	0.0	28.43	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	32.12	-2.08	0.0	0.0	0.0	0.0
237	2	48.17	0.0	0.0	-3.20	0.0	22.87	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	25.71	-1.60	0.0	0.0	0.0	0.0
237	3	48.17	0.0	0.0	-3.20	0.0	20.76	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	23.60	-1.60	0.0	0.0	0.0	0.0
237	4	48.17	0.0	0.0	-3.20	0.0	17.35	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	20.20	-1.60	0.0	0.0	0.0	0.0
237	5	48.17	0.0	0.0	-3.20	0.0	17.35	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	20.20	-1.60	0.0	0.0	0.0	0.0
238	1	62.62	0.0	0.0	-4.16	0.0	-1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.85	-2.08	0.0	0.0	0.0	0.0
238	3	48.17	0.0	0.0	-3.20	0.0	-1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
238	4	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
238	5	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
239	1	62.62	0.0	0.0	-4.16	0.0	1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
239	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.42	-1.60	0.0	0.0	0.0	0.0
239	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
239	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
240	1	94.50	0.0	0.0	-5.09	0.0	2.31	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-2.31	-2.54	0.0	0.0	0.0	0.0
240	3	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
240	4	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
240	5	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
241	1	94.50	0.0	0.0	-5.09	0.0	6.34	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	10.97	-2.54	0.0	0.0	0.0	0.0
241	2	72.69	0.0	0.0	-3.91	0.0	5.16	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	8.72	-1.96	0.0	0.0	0.0	0.0
241	3	72.69	0.0	0.0	-3.91	0.0	4.75	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	8.31	-1.96	0.0	0.0	0.0	0.0
241	4	72.69	0.0	0.0	-3.91	0.0	3.93	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	7.48	-1.96	0.0	0.0	0.0	0.0
241	5	72.69	0.0	0.0	-3.91	0.0	3.93	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	7.48	-1.96	0.0	0.0	0.0	0.0
242	1	94.50	0.0	0.0	-5.09	0.0	2.31	2.54	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	148.7	-2.31	-2.54	0.0	0.0	0.0	0.0
242	3	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
242	4	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
242	5	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
243	1	94.50	0.0	0.0	-5.09	0.0	23.56	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	28.19	-2.54	0.0	0.0	0.0	0.0
243	2	72.69	0.0	0.0	-3.91	0.0	19.03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	22.59	-1.96	0.0	0.0	0.0	0.0
243	3	72.69	0.0	0.0	-3.91	0.0	17.72	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	21.28	-1.96	0.0	0.0	0.0	0.0
243	4	72.69	0.0	0.0	-3.91	0.0	15.11	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	18.67	-1.96	0.0	0.0	0.0	0.0
243	5	72.69	0.0	0.0	-3.91	0.0	15.11	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	18.67	-1.96	0.0	0.0	0.0	0.0
244	1	94.50	0.0	0.0	-5.09	0.0	2.31	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-2.31	-2.54	0.0	0.0	0.0	0.0
244	3	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
244	4	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
244	5	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
245	1	86.46	0.0	0.0	-5.09	0.0	-1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.85	-2.54	0.0	0.0	0.0	0.0
245	3	66.51	0.0	0.0	-3.91	0.0	-1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
245	4	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
245	5	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
246	1	86.46	0.0	0.0	-5.09	0.0	157.20	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	153.50	-2.54	0.0	0.0	0.0	0.0
246	2	66.51	0.0	0.0	-3.91	0.0	126.48	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	123.64	-1.96	0.0	0.0	0.0	0.0
246	3	66.51	0.0	0.0	-3.91	0.0	118.37	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	115.52	-1.96	0.0	0.0	0.0	0.0
246	4	66.51	0.0	0.0	-3.91	0.0	102.36	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	99.52	-1.96	0.0	0.0	0.0	0.0
246	5	66.51	0.0	0.0	-3.91	0.0	102.36	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	99.52	-1.96	0.0	0.0	0.0	0.0
247	1	62.62	0.0	0.0	-4.16	0.0	1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
247	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.42	-1.60	0.0	0.0	0.0	0.0
247	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
247	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
248	1	62.62	0.0	0.0	-4.16	0.0	-0.25	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	3.45	-2.08	0.0	0.0	0.0	0.0
248	3	48.17	0.0	0.0	-3.20	0.0	-0.27	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	2.58	-1.60	0.0	0.0	0.0	0.0
248	4	48.17	0.0	0.0	-3.20	0.0	-0.69	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	2.15	-1.60	0.0	0.0	0.0	0.0
248	5	48.17	0.0	0.0	-3.20	0.0	-0.69	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	2.15	-1.60	0.0	0.0	0.0	0.0
249	1	62.62	0.0	0.0	-4.16	0.0	10.49	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	6.79	-2.08	0.0	0.0	0.0	0.0
249	2	48.17	0.0	0.0	-3.20	0.0	8.64	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	5.80	-1.60	0.0	0.0	0.0	0.0
249	3	48.17	0.0	0.0	-3.20	0.0	7.81	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	4.97	-1.60	0.0	0.0	0.0	0.0
249	4	48.17	0.0	0.0	-3.20	0.0	6.47	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	3.63	-1.60	0.0	0.0	0.0	0.0
249	5	48.17	0.0	0.0	-3.20	0.0	6.47	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	3.63	-1.60	0.0	0.0	0.0	0.0
250	1	62.62	0.0	0.0	-4.16	0.0	2.93	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	6.63	-2.08	0.0	0.0	0.0	0.0
250	2	48.17	0.0	0.0	-3.20	0.0	2.67	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	5.52	-1.60	0.0	0.0	0.0	0.0
250	3	48.17	0.0	0.0	-3.20	0.0	2.13	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	4.98	-1.60	0.0	0.0	0.0	0.0
250	4	48.17	0.0	0.0	-3.20	0.0	1.10	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	3.95	-1.60	0.0	0.0	0.0	0.0



250	5	48.17	0.0	0.0	-3.20	0.0	1.10	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	3.95	-1.60	0.0	0.0	0.0	0.0
251	1	62.62	0.0	0.0	-4.16	0.0	-1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.84	-2.08	0.0	0.0	0.0	0.0
251	3	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
251	4	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
251	5	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
252	1	62.62	0.0	0.0	-4.16	0.0	10.79	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	14.49	-2.08	0.0	0.0	0.0	0.0
252	2	48.17	0.0	0.0	-3.20	0.0	8.80	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	11.64	-1.60	0.0	0.0	0.0	0.0
252	3	48.17	0.0	0.0	-3.20	0.0	8.06	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	10.91	-1.60	0.0	0.0	0.0	0.0
252	4	48.17	0.0	0.0	-3.20	0.0	6.61	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	9.45	-1.60	0.0	0.0	0.0	0.0
252	5	48.17	0.0	0.0	-3.20	0.0	6.61	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	9.45	-1.60	0.0	0.0	0.0	0.0
253	1	94.50	0.0	0.0	-5.09	0.0	-2.31	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	2.31	-2.54	0.0	0.0	0.0	0.0
253	3	72.69	0.0	0.0	-3.91	0.0	-1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.78	-1.96	0.0	0.0	0.0	0.0
253	4	72.69	0.0	0.0	-3.91	0.0	-1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.77	-1.96	0.0	0.0	0.0	0.0
253	5	72.69	0.0	0.0	-3.91	0.0	-1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.77	-1.96	0.0	0.0	0.0	0.0
254	1	94.50	0.0	0.0	-5.09	0.0	42.10	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	46.73	-2.54	0.0	0.0	0.0	0.0
254	2	72.69	0.0	0.0	-3.91	0.0	33.94	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	37.50	-1.96	0.0	0.0	0.0	0.0
254	3	72.69	0.0	0.0	-3.91	0.0	31.70	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	35.25	-1.96	0.0	0.0	0.0	0.0
254	4	72.69	0.0	0.0	-3.91	0.0	27.21	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	30.76	-1.96	0.0	0.0	0.0	0.0
254	5	72.69	0.0	0.0	-3.91	0.0	27.21	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	30.76	-1.96	0.0	0.0	0.0	0.0
255	1	57.33	0.0	0.0	-3.93	0.0	-1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.85	-1.96	0.0	0.0	0.0	0.0
255	3	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
255	4	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
255	5	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
256	1	57.33	0.0	0.0	-3.93	0.0	63.01	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	59.31	-1.96	0.0	0.0	0.0	0.0
256	2	44.10	0.0	0.0	-3.02	0.0	48.70	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	45.86	-1.51	0.0	0.0	0.0	0.0
256	3	44.10	0.0	0.0	-3.02	0.0	48.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	45.59	-1.51	0.0	0.0	0.0	0.0
256	4	44.10	0.0	0.0	-3.02	0.0	47.70	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	44.86	-1.51	0.0	0.0	0.0	0.0
256	5	44.10	0.0	0.0	-3.02	0.0	47.70	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	44.86	-1.51	0.0	0.0	0.0	0.0
257	1	62.62	0.0	0.0	-4.16	0.0	-1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.85	-2.08	0.0	0.0	0.0	0.0
257	3	48.17	0.0	0.0	-3.20	0.0	-1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
257	4	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
257	5	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
258	1	94.50	0.0	0.0	-5.09	0.0	2.31	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-2.31	-2.54	0.0	0.0	0.0	0.0
258	3	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
258	4	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
258	5	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
259	1	94.50	0.0	0.0	-5.09	0.0	21.10	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	16.48	-2.54	0.0	0.0	0.0	0.0
259	2	72.69	0.0	0.0	-3.91	0.0	16.87	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	13.32	-1.96	0.0	0.0	0.0	0.0
259	3	72.69	0.0	0.0	-3.91	0.0	15.95	1.96	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	148.7	12.39	-1.96	0.0	0.0	0.0	0.0
259	4	72.69	0.0	0.0	-3.91	0.0	14.08	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	10.53	-1.96	0.0	0.0	0.0	0.0
259	5	72.69	0.0	0.0	-3.91	0.0	14.08	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	10.53	-1.96	0.0	0.0	0.0	0.0
260	1	62.62	0.0	0.0	-4.16	0.0	9.23	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	5.54	-2.08	0.0	0.0	0.0	0.0
260	2	48.17	0.0	0.0	-3.20	0.0	7.37	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	4.53	-1.60	0.0	0.0	0.0	0.0
260	3	48.17	0.0	0.0	-3.20	0.0	7.06	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	4.21	-1.60	0.0	0.0	0.0	0.0
260	4	48.17	0.0	0.0	-3.20	0.0	6.23	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	3.39	-1.60	0.0	0.0	0.0	0.0
260	5	48.17	0.0	0.0	-3.20	0.0	6.23	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	3.39	-1.60	0.0	0.0	0.0	0.0
261	1	57.33	0.0	0.0	-3.93	0.0	44.71	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	48.41	-1.96	0.0	0.0	0.0	0.0
261	2	44.10	0.0	0.0	-3.02	0.0	34.11	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	36.96	-1.51	0.0	0.0	0.0	0.0
261	3	44.10	0.0	0.0	-3.02	0.0	34.45	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	37.29	-1.51	0.0	0.0	0.0	0.0
261	4	44.10	0.0	0.0	-3.02	0.0	35.31	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	38.15	-1.51	0.0	0.0	0.0	0.0
261	5	44.10	0.0	0.0	-3.02	0.0	35.31	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	38.15	-1.51	0.0	0.0	0.0	0.0
262	1	57.33	0.0	0.0	-3.93	0.0	1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.85	-1.96	0.0	0.0	0.0	0.0
262	3	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.42	-1.51	0.0	0.0	0.0	0.0
262	4	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
262	5	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
263	1	86.46	0.0	0.0	-5.09	0.0	514.98	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	518.67	-2.54	0.0	0.0	0.0	0.0
263	2	66.51	0.0	0.0	-3.91	0.0	415.26	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	418.11	-1.96	0.0	0.0	0.0	0.0
263	3	66.51	0.0	0.0	-3.91	0.0	387.66	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	390.51	-1.96	0.0	0.0	0.0	0.0
263	4	66.51	0.0	0.0	-3.91	0.0	332.50	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	335.34	-1.96	0.0	0.0	0.0	0.0
263	5	66.51	0.0	0.0	-3.91	0.0	332.50	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	335.34	-1.96	0.0	0.0	0.0	0.0
264	1	86.46	0.0	0.0	-5.09	0.0	1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.85	-2.54	0.0	0.0	0.0	0.0
264	3	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
264	4	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
264	5	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
265	1	114.06	0.0	0.0	-4.16	0.0	5.23	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	-4.01	-2.08	0.0	0.0	0.0	0.0
265	3	87.74	0.0	0.0	-3.20	0.0	4.01	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	-3.10	-1.60	0.0	0.0	0.0	0.0
265	4	87.74	0.0	0.0	-3.20	0.0	3.92	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	-3.19	-1.60	0.0	0.0	0.0	0.0
265	5	87.74	0.0	0.0	-3.20	0.0	3.92	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	-3.19	-1.60	0.0	0.0	0.0	0.0
266	1	62.62	0.0	0.0	-4.16	0.0	1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
266	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
266	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
266	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
267	1	114.06	0.0	0.0	-4.16	0.0	-4.63	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	4.62	-2.08	0.0	0.0	0.0	0.0
267	3	87.74	0.0	0.0	-3.20	0.0	-3.56	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	3.55	-1.60	0.0	0.0	0.0	0.0
267	4	87.74	0.0	0.0	-3.20	0.0	-3.56	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	3.55	-1.60	0.0	0.0	0.0	0.0
267	5	87.74	0.0	0.0	-3.20	0.0	-3.56	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	3.55	-1.60	0.0	0.0	0.0	0.0
268	1	114.06	0.0	0.0	-4.16	0.0	12.46	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	3.22	-2.08	0.0	0.0	0.0	0.0

268	2	87.74	0.0	0.0	-3.20	0.0	9.96	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	2.85	-1.60	0.0	0.0	0.0	0.0
268	3	87.74	0.0	0.0	-3.20	0.0	9.41	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	2.30	-1.60	0.0	0.0	0.0	0.0
268	4	87.74	0.0	0.0	-3.20	0.0	8.30	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	1.19	-1.60	0.0	0.0	0.0	0.0
268	5	87.74	0.0	0.0	-3.20	0.0	8.30	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	1.19	-1.60	0.0	0.0	0.0	0.0
269	1	114.06	0.0	0.0	-4.16	0.0	-4.55	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	4.69	-2.08	0.0	0.0	0.0	0.0
269	3	87.74	0.0	0.0	-3.20	0.0	-3.50	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	3.61	-1.60	0.0	0.0	0.0	0.0
269	4	87.74	0.0	0.0	-3.20	0.0	-3.52	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	3.60	-1.60	0.0	0.0	0.0	0.0
269	5	87.74	0.0	0.0	-3.20	0.0	-3.52	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	3.60	-1.60	0.0	0.0	0.0	0.0
270	1	114.06	0.0	0.0	-4.16	0.0	4.62	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	-4.63	-2.08	0.0	0.0	0.0	0.0
270	3	87.74	0.0	0.0	-3.20	0.0	3.55	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	-3.56	-1.60	0.0	0.0	0.0	0.0
270	4	87.74	0.0	0.0	-3.20	0.0	3.55	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	-3.56	-1.60	0.0	0.0	0.0	0.0
270	5	87.74	0.0	0.0	-3.20	0.0	3.55	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	-3.56	-1.60	0.0	0.0	0.0	0.0
271	1	69.97	0.0	0.0	-4.16	0.0	2.31	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-2.32	-2.08	0.0	0.0	0.0	0.0
271	3	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
271	4	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
271	5	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
272	1	114.06	0.0	0.0	-4.16	0.0	20.17	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	29.42	-2.08	0.0	0.0	0.0	0.0
272	2	87.74	0.0	0.0	-3.20	0.0	16.30	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	23.41	-1.60	0.0	0.0	0.0	0.0
272	3	87.74	0.0	0.0	-3.20	0.0	15.07	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	22.18	-1.60	0.0	0.0	0.0	0.0
272	4	87.74	0.0	0.0	-3.20	0.0	12.62	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	19.73	-1.60	0.0	0.0	0.0	0.0
272	5	87.74	0.0	0.0	-3.20	0.0	12.62	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	19.73	-1.60	0.0	0.0	0.0	0.0
273	1	114.06	0.0	0.0	-4.16	0.0	4.63	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	-4.62	-2.08	0.0	0.0	0.0	0.0
273	3	87.74	0.0	0.0	-3.20	0.0	3.56	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	-3.55	-1.60	0.0	0.0	0.0	0.0
273	4	87.74	0.0	0.0	-3.20	0.0	3.56	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	-3.56	-1.60	0.0	0.0	0.0	0.0
273	5	87.74	0.0	0.0	-3.20	0.0	3.56	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	-3.56	-1.60	0.0	0.0	0.0	0.0
274	1	114.06	0.0	0.0	-4.16	0.0	19.59	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	28.84	-2.08	0.0	0.0	0.0	0.0
274	2	87.74	0.0	0.0	-3.20	0.0	15.85	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	22.97	-1.60	0.0	0.0	0.0	0.0
274	3	87.74	0.0	0.0	-3.20	0.0	14.70	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	21.81	-1.60	0.0	0.0	0.0	0.0
274	4	87.74	0.0	0.0	-3.20	0.0	12.15	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	19.26	-1.60	0.0	0.0	0.0	0.0
274	5	87.74	0.0	0.0	-3.20	0.0	12.15	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	19.26	-1.60	0.0	0.0	0.0	0.0
275	1	69.97	0.0	0.0	-4.16	0.0	-2.31	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	2.31	-2.08	0.0	0.0	0.0	0.0
275	3	53.82	0.0	0.0	-3.20	0.0	-1.78	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	1.77	-1.60	0.0	0.0	0.0	0.0
275	4	53.82	0.0	0.0	-3.20	0.0	-1.78	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	1.77	-1.60	0.0	0.0	0.0	0.0
275	5	53.82	0.0	0.0	-3.20	0.0	-1.78	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	1.77	-1.60	0.0	0.0	0.0	0.0
276	1	69.97	0.0	0.0	-4.16	0.0	60.88	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	56.26	-2.08	0.0	0.0	0.0	0.0
276	2	53.82	0.0	0.0	-3.20	0.0	48.90	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	45.35	-1.60	0.0	0.0	0.0	0.0
276	3	53.82	0.0	0.0	-3.20	0.0	45.91	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	42.35	-1.60	0.0	0.0	0.0	0.0
276	4	53.82	0.0	0.0	-3.20	0.0	39.91	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	36.36	-1.60	0.0	0.0	0.0	0.0
276	5	53.82	0.0	0.0	-3.20	0.0	39.91	1.60	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	134.5	36.36	-1.60	0.0	0.0	0.0	0.0
277	1	69.97	0.0	0.0	-4.16	0.0	367.19	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	371.81	-2.08	0.0	0.0	0.0	0.0
277	2	53.82	0.0	0.0	-3.20	0.0	295.63	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	299.18	-1.60	0.0	0.0	0.0	0.0
277	3	53.82	0.0	0.0	-3.20	0.0	276.60	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	280.15	-1.60	0.0	0.0	0.0	0.0
277	4	53.82	0.0	0.0	-3.20	0.0	238.55	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	242.11	-1.60	0.0	0.0	0.0	0.0
277	5	53.82	0.0	0.0	-3.20	0.0	238.55	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	242.11	-1.60	0.0	0.0	0.0	0.0
278	1	69.97	0.0	0.0	-4.16	0.0	2.31	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-2.31	-2.08	0.0	0.0	0.0	0.0
278	3	53.82	0.0	0.0	-3.20	0.0	1.78	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
278	4	53.82	0.0	0.0	-3.20	0.0	1.78	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
278	5	53.82	0.0	0.0	-3.20	0.0	1.78	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
279	1	69.97	0.0	0.0	-4.16	0.0	2.31	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-2.31	-2.08	0.0	0.0	0.0	0.0
279	3	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
279	4	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
279	5	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
280	1	69.97	0.0	0.0	-4.16	0.0	3.22	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	7.84	-2.08	0.0	0.0	0.0	0.0
280	2	53.82	0.0	0.0	-3.20	0.0	2.62	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	6.18	-1.60	0.0	0.0	0.0	0.0
280	3	53.82	0.0	0.0	-3.20	0.0	2.38	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	5.94	-1.60	0.0	0.0	0.0	0.0
280	4	53.82	0.0	0.0	-3.20	0.0	1.95	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	5.51	-1.60	0.0	0.0	0.0	0.0
280	5	53.82	0.0	0.0	-3.20	0.0	1.95	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	5.51	-1.60	0.0	0.0	0.0	0.0
281	1	69.97	0.0	0.0	-4.16	0.0	2.31	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-2.32	-2.08	0.0	0.0	0.0	0.0
281	3	53.82	0.0	0.0	-3.20	0.0	1.78	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
281	4	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
281	5	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
282	1	57.33	0.0	0.0	-3.93	0.0	1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.85	-1.96	0.0	0.0	0.0	0.0
282	3	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.42	-1.51	0.0	0.0	0.0	0.0
282	4	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
282	5	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
283	1	86.46	0.0	0.0	-5.09	0.0	148.58	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	152.28	-2.54	0.0	0.0	0.0	0.0
283	2	66.51	0.0	0.0	-3.91	0.0	119.96	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	122.81	-1.96	0.0	0.0	0.0	0.0
283	3	66.51	0.0	0.0	-3.91	0.0	111.63	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	114.48	-1.96	0.0	0.0	0.0	0.0
283	4	66.51	0.0	0.0	-3.91	0.0	95.25	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	98.09	-1.96	0.0	0.0	0.0	0.0
283	5	66.51	0.0	0.0	-3.91	0.0	95.25	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	98.09	-1.96	0.0	0.0	0.0	0.0
284	1	86.46	0.0	0.0	-5.09	0.0	1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.85	-2.54	0.0	0.0	0.0	0.0
284	3	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.42	-1.96	0.0	0.0	0.0	0.0
284	4	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
284	5	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
285	1	54.72	0.0	0.0	-3.93	0.0	-1.67	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.66	-1.96	0.0	0.0	0.0	0.0
285	3	42.09	0.0	0.0	-3.02	0.0	-1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.28	-1.51	0.0	0.0	0.0	0.0
285	4	42.09	0.0	0.0	-3.02	0.0	-1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.28	-1.51	0.0	0.0	0.0	0.0

285	5	42.09	0.0	0.0	-3.02	0.0	-1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.28	-1.51	0.0	0.0	0.0	0.0
286	1	54.72	0.0	0.0	-3.93	0.0	415.96	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	412.63	-1.96	0.0	0.0	0.0	0.0
286	2	42.09	0.0	0.0	-3.02	0.0	335.94	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	333.38	-1.51	0.0	0.0	0.0	0.0
286	3	42.09	0.0	0.0	-3.02	0.0	312.82	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	310.26	-1.51	0.0	0.0	0.0	0.0
286	4	42.09	0.0	0.0	-3.02	0.0	266.82	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	264.26	-1.51	0.0	0.0	0.0	0.0
286	5	42.09	0.0	0.0	-3.02	0.0	266.82	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	264.26	-1.51	0.0	0.0	0.0	0.0
287	1	59.94	0.0	0.0	-4.16	0.0	5.65	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	8.97	-2.08	0.0	0.0	0.0	0.0
287	2	46.11	0.0	0.0	-3.20	0.0	4.67	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	7.23	-1.60	0.0	0.0	0.0	0.0
287	3	46.11	0.0	0.0	-3.20	0.0	4.21	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	6.77	-1.60	0.0	0.0	0.0	0.0
287	4	46.11	0.0	0.0	-3.20	0.0	3.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	5.99	-1.60	0.0	0.0	0.0	0.0
287	5	46.11	0.0	0.0	-3.20	0.0	3.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	5.99	-1.60	0.0	0.0	0.0	0.0
288	1	62.62	0.0	0.0	-4.16	0.0	11.01	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	7.31	-2.08	0.0	0.0	0.0	0.0
288	2	48.17	0.0	0.0	-3.20	0.0	8.59	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	5.75	-1.60	0.0	0.0	0.0	0.0
288	3	48.17	0.0	0.0	-3.20	0.0	8.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	5.57	-1.60	0.0	0.0	0.0	0.0
288	4	48.17	0.0	0.0	-3.20	0.0	8.16	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	5.32	-1.60	0.0	0.0	0.0	0.0
288	5	48.17	0.0	0.0	-3.20	0.0	8.16	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	5.32	-1.60	0.0	0.0	0.0	0.0
289	1	62.62	0.0	0.0	-4.16	0.0	-1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.85	-2.08	0.0	0.0	0.0	0.0
289	3	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
289	4	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
289	5	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
290	1	62.62	0.0	0.0	-4.16	0.0	1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
290	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
290	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
290	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
291	1	62.62	0.0	0.0	-4.16	0.0	1.84	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	5.54	-2.08	0.0	0.0	0.0	0.0
291	2	48.17	0.0	0.0	-3.20	0.0	1.54	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	4.39	-1.60	0.0	0.0	0.0	0.0
291	3	48.17	0.0	0.0	-3.20	0.0	1.34	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	4.18	-1.60	0.0	0.0	0.0	0.0
291	4	48.17	0.0	0.0	-3.20	0.0	0.97	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	3.82	-1.60	0.0	0.0	0.0	0.0
291	5	48.17	0.0	0.0	-3.20	0.0	0.97	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	3.82	-1.60	0.0	0.0	0.0	0.0
292	1	62.62	0.0	0.0	-4.16	0.0	1.84	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
292	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.42	-1.60	0.0	0.0	0.0	0.0
292	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
292	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
293	1	62.62	0.0	0.0	-4.16	0.0	24.04	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	27.74	-2.08	0.0	0.0	0.0	0.0
293	2	48.17	0.0	0.0	-3.20	0.0	19.37	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	22.22	-1.60	0.0	0.0	0.0	0.0
293	3	48.17	0.0	0.0	-3.20	0.0	18.11	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	20.95	-1.60	0.0	0.0	0.0	0.0
293	4	48.17	0.0	0.0	-3.20	0.0	15.63	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	18.48	-1.60	0.0	0.0	0.0	0.0
293	5	48.17	0.0	0.0	-3.20	0.0	15.63	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	18.48	-1.60	0.0	0.0	0.0	0.0
294	1	114.06	0.0	0.0	-4.16	0.0	4.62	2.08	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	219.3	-4.63	-2.08	0.0	0.0	0.0	0.0
294	3	87.74	0.0	0.0	-3.20	0.0	3.55	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	-3.56	-1.60	0.0	0.0	0.0	0.0
294	4	87.74	0.0	0.0	-3.20	0.0	3.55	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	-3.56	-1.60	0.0	0.0	0.0	0.0
294	5	87.74	0.0	0.0	-3.20	0.0	3.55	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	-3.56	-1.60	0.0	0.0	0.0	0.0
295	1	62.62	0.0	0.0	-4.16	0.0	1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
295	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.42	-1.60	0.0	0.0	0.0	0.0
295	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.42	-1.60	0.0	0.0	0.0	0.0
295	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.42	-1.60	0.0	0.0	0.0	0.0
296	1	62.62	0.0	0.0	-4.16	0.0	9.89	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	13.59	-2.08	0.0	0.0	0.0	0.0
296	2	48.17	0.0	0.0	-3.20	0.0	8.00	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	10.85	-1.60	0.0	0.0	0.0	0.0
296	3	48.17	0.0	0.0	-3.20	0.0	7.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	10.28	-1.60	0.0	0.0	0.0	0.0
296	4	48.17	0.0	0.0	-3.20	0.0	6.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	9.12	-1.60	0.0	0.0	0.0	0.0
296	5	48.17	0.0	0.0	-3.20	0.0	6.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	9.12	-1.60	0.0	0.0	0.0	0.0
297	1	62.62	0.0	0.0	-4.16	0.0	1.84	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
297	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
297	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
297	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
298	1	62.62	0.0	0.0	-4.16	0.0	-1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.85	-2.08	0.0	0.0	0.0	0.0
298	3	48.17	0.0	0.0	-3.20	0.0	-1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
298	4	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
298	5	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
299	1	62.62	0.0	0.0	-4.16	0.0	378.38	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	374.68	-2.08	0.0	0.0	0.0	0.0
299	2	48.17	0.0	0.0	-3.20	0.0	305.92	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	303.08	-1.60	0.0	0.0	0.0	0.0
299	3	48.17	0.0	0.0	-3.20	0.0	284.52	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	281.67	-1.60	0.0	0.0	0.0	0.0
299	4	48.17	0.0	0.0	-3.20	0.0	241.50	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	238.65	-1.60	0.0	0.0	0.0	0.0
299	5	48.17	0.0	0.0	-3.20	0.0	241.50	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	238.65	-1.60	0.0	0.0	0.0	0.0
300	1	62.62	0.0	0.0	-4.16	0.0	432.45	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	436.15	-2.08	0.0	0.0	0.0	0.0
300	2	48.17	0.0	0.0	-3.20	0.0	348.21	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	351.06	-1.60	0.0	0.0	0.0	0.0
300	3	48.17	0.0	0.0	-3.20	0.0	325.75	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	328.60	-1.60	0.0	0.0	0.0	0.0
300	4	48.17	0.0	0.0	-3.20	0.0	280.83	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	283.67	-1.60	0.0	0.0	0.0	0.0
300	5	48.17	0.0	0.0	-3.20	0.0	280.83	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	283.67	-1.60	0.0	0.0	0.0	0.0
301	1	62.62	0.0	0.0	-4.16	0.0	-1.82	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.87	-2.08	0.0	0.0	0.0	0.0
301	3	48.17	0.0	0.0	-3.20	0.0	-1.40	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.44	-1.60	0.0	0.0	0.0	0.0
301	4	48.17	0.0	0.0	-3.20	0.0	-1.41	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.44	-1.60	0.0	0.0	0.0	0.0
301	5	48.17	0.0	0.0	-3.20	0.0	-1.41	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.44	-1.60	0.0	0.0	0.0	0.0
302	1	62.62	0.0	0.0	-4.16	0.0	14.93	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	11.23	-2.08	0.0	0.0	0.0	0.0
302	2	48.17	0.0	0.0	-3.20	0.0	12.39	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	9.55	-1.60	0.0	0.0	0.0	0.0
302	3	48.17	0.0	0.0	-3.20	0.0	11.02	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	8.18	-1.60	0.0	0.0	0.0	0.0
302	4	48.17	0.0	0.0	-3.20	0.0	8.27	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	5.42	-1.60	0.0	0.0	0.0	0.0

302	5	48.17	0.0	0.0	-3.20	0.0	8.27	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	5.42	-1.60	0.0	0.0	0.0	0.0
303	1	62.62	0.0	0.0	-4.16	0.0	1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
303	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.42	-1.60	0.0	0.0	0.0	0.0
303	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
303	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
304	1	57.33	0.0	0.0	-3.93	0.0	922.55	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	926.24	-1.96	0.0	0.0	0.0	0.0
304	2	44.10	0.0	0.0	-3.02	0.0	747.08	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	749.92	-1.51	0.0	0.0	0.0	0.0
304	3	44.10	0.0	0.0	-3.02	0.0	693.04	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	695.89	-1.51	0.0	0.0	0.0	0.0
304	4	44.10	0.0	0.0	-3.02	0.0	584.75	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	587.60	-1.51	0.0	0.0	0.0	0.0
304	5	44.10	0.0	0.0	-3.02	0.0	584.75	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	587.60	-1.51	0.0	0.0	0.0	0.0
305	1	57.33	0.0	0.0	-3.93	0.0	1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.85	-1.96	0.0	0.0	0.0	0.0
305	3	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.42	-1.51	0.0	0.0	0.0	0.0
305	4	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
305	5	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
306	1	86.46	0.0	0.0	-5.09	0.0	465.19	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	468.88	-2.54	0.0	0.0	0.0	0.0
306	2	66.51	0.0	0.0	-3.91	0.0	375.59	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	378.43	-1.96	0.0	0.0	0.0	0.0
306	3	66.51	0.0	0.0	-3.91	0.0	349.94	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	352.78	-1.96	0.0	0.0	0.0	0.0
306	4	66.51	0.0	0.0	-3.91	0.0	298.73	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	301.58	-1.96	0.0	0.0	0.0	0.0
306	5	66.51	0.0	0.0	-3.91	0.0	298.73	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	301.58	-1.96	0.0	0.0	0.0	0.0
307	1	86.46	0.0	0.0	-5.09	0.0	1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.85	-2.54	0.0	0.0	0.0	0.0
307	3	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.42	-1.96	0.0	0.0	0.0	0.0
307	4	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
307	5	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
308	1	86.46	0.0	0.0	-5.09	0.0	123.73	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	127.43	-2.54	0.0	0.0	0.0	0.0
308	2	66.51	0.0	0.0	-3.91	0.0	100.58	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	103.42	-1.96	0.0	0.0	0.0	0.0
308	3	66.51	0.0	0.0	-3.91	0.0	92.86	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	95.70	-1.96	0.0	0.0	0.0	0.0
308	4	66.51	0.0	0.0	-3.91	0.0	77.36	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	80.20	-1.96	0.0	0.0	0.0	0.0
308	5	66.51	0.0	0.0	-3.91	0.0	77.36	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	80.20	-1.96	0.0	0.0	0.0	0.0
309	1	86.46	0.0	0.0	-5.09	0.0	1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.85	-2.54	0.0	0.0	0.0	0.0
309	3	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.42	-1.96	0.0	0.0	0.0	0.0
309	4	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
309	5	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
310	1	86.46	0.0	0.0	-5.09	0.0	-1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.85	-2.54	0.0	0.0	0.0	0.0
310	3	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
310	4	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
310	5	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
311	1	86.46	0.0	0.0	-5.09	0.0	559.95	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	556.25	-2.54	0.0	0.0	0.0	0.0
311	2	66.51	0.0	0.0	-3.91	0.0	451.39	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	448.54	-1.96	0.0	0.0	0.0	0.0
311	3	66.51	0.0	0.0	-3.91	0.0	421.53	1.96	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	136.0	418.68	-1.96	0.0	0.0	0.0	0.0
311	4	66.51	0.0	0.0	-3.91	0.0	362.05	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	359.20	-1.96	0.0	0.0	0.0	0.0
311	5	66.51	0.0	0.0	-3.91	0.0	362.05	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	359.20	-1.96	0.0	0.0	0.0	0.0
312	1	492.83	0.0	0.0	-12.02	0.0	-4.05	6.01	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	5.19	-6.01	0.0	0.0	0.0	0.0
312	3	379.10	0.0	0.0	-9.25	0.0	-3.12	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	3.99	-4.62	0.0	0.0	0.0	0.0
312	4	379.10	0.0	0.0	-9.25	0.0	-3.11	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	4.01	-4.62	0.0	0.0	0.0	0.0
312	5	379.10	0.0	0.0	-9.25	0.0	-3.11	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	4.01	-4.62	0.0	0.0	0.0	0.0
313	1	492.83	0.0	0.0	-12.02	0.0	4.62	6.01	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	-4.63	-6.01	0.0	0.0	0.0	0.0
313	3	379.10	0.0	0.0	-9.25	0.0	3.55	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	-3.56	-4.62	0.0	0.0	0.0	0.0
313	4	379.10	0.0	0.0	-9.25	0.0	3.55	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	-3.56	-4.62	0.0	0.0	0.0	0.0
313	5	379.10	0.0	0.0	-9.25	0.0	3.55	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	-3.56	-4.62	0.0	0.0	0.0	0.0
314	1	492.83	0.0	0.0	-12.02	0.0	-4.27	6.01	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	4.98	-6.01	0.0	0.0	0.0	0.0
314	3	379.10	0.0	0.0	-9.25	0.0	-3.23	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	3.88	-4.62	0.0	0.0	0.0	0.0
314	4	379.10	0.0	0.0	-9.25	0.0	-3.48	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	3.63	-4.62	0.0	0.0	0.0	0.0
314	5	379.10	0.0	0.0	-9.25	0.0	-3.48	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	3.63	-4.62	0.0	0.0	0.0	0.0
315	1	492.83	0.0	0.0	-12.02	0.0	4.62	6.01	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	-4.63	-6.01	0.0	0.0	0.0	0.0
315	3	379.10	0.0	0.0	-9.25	0.0	3.55	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	-3.56	-4.62	0.0	0.0	0.0	0.0
315	4	379.10	0.0	0.0	-9.25	0.0	3.55	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	-3.56	-4.62	0.0	0.0	0.0	0.0
315	5	379.10	0.0	0.0	-9.25	0.0	3.55	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	-3.56	-4.62	0.0	0.0	0.0	0.0
316	1	86.46	0.0	0.0	-5.09	0.0	1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.85	-2.54	0.0	0.0	0.0	0.0
316	3	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
316	4	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
316	5	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
317	1	86.46	0.0	0.0	-5.09	0.0	-1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.85	-2.54	0.0	0.0	0.0	0.0
317	3	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
317	4	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
317	5	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
318	1	86.46	0.0	0.0	-5.09	0.0	507.17	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	503.47	-2.54	0.0	0.0	0.0	0.0
318	2	66.51	0.0	0.0	-3.91	0.0	409.52	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	406.68	-1.96	0.0	0.0	0.0	0.0
318	3	66.51	0.0	0.0	-3.91	0.0	381.50	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	378.65	-1.96	0.0	0.0	0.0	0.0
318	4	66.51	0.0	0.0	-3.91	0.0	325.44	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	322.60	-1.96	0.0	0.0	0.0	0.0
318	5	66.51	0.0	0.0	-3.91	0.0	325.44	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	322.60	-1.96	0.0	0.0	0.0	0.0
319	1	86.46	0.0	0.0	-5.09	0.0	460.63	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	464.33	-2.54	0.0	0.0	0.0	0.0
319	2	66.51	0.0	0.0	-3.91	0.0	371.89	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	374.73	-1.96	0.0	0.0	0.0	0.0
319	3	66.51	0.0	0.0	-3.91	0.0	346.41	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	349.25	-1.96	0.0	0.0	0.0	0.0
319	4	66.51	0.0	0.0	-3.91	0.0	295.60	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	298.45	-1.96	0.0	0.0	0.0	0.0
319	5	66.51	0.0	0.0	-3.91	0.0	295.60	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	298.45	-1.96	0.0	0.0	0.0	0.0
320	1	86.46	0.0	0.0	-5.09	0.0	1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.85	-2.54	0.0	0.0	0.0	0.0
320	3	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0

320	4	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
320	5	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
321	1	86.46	0.0	0.0	-5.09	0.0	492.09	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	488.39	-2.54	0.0	0.0	0.0	0.0
321	2	66.51	0.0	0.0	-3.91	0.0	397.12	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	394.28	-1.96	0.0	0.0	0.0	0.0
321	3	66.51	0.0	0.0	-3.91	0.0	370.41	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	367.56	-1.96	0.0	0.0	0.0	0.0
321	4	66.51	0.0	0.0	-3.91	0.0	316.79	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	313.95	-1.96	0.0	0.0	0.0	0.0
321	5	66.51	0.0	0.0	-3.91	0.0	316.79	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	313.95	-1.96	0.0	0.0	0.0	0.0
322	1	57.33	0.0	0.0	-3.93	0.0	-1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.85	-1.96	0.0	0.0	0.0	0.0
322	3	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
322	4	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
322	5	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
323	1	57.33	0.0	0.0	-3.93	0.0	932.52	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	928.83	-1.96	0.0	0.0	0.0	0.0
323	2	44.10	0.0	0.0	-3.02	0.0	754.81	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	751.96	-1.51	0.0	0.0	0.0	0.0
323	3	44.10	0.0	0.0	-3.02	0.0	700.57	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	697.73	-1.51	0.0	0.0	0.0	0.0
323	4	44.10	0.0	0.0	-3.02	0.0	592.18	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	589.33	-1.51	0.0	0.0	0.0	0.0
323	5	44.10	0.0	0.0	-3.02	0.0	592.18	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	589.33	-1.51	0.0	0.0	0.0	0.0
324	1	86.46	0.0	0.0	-5.09	0.0	471.13	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	474.83	-2.54	0.0	0.0	0.0	0.0
324	2	66.51	0.0	0.0	-3.91	0.0	380.35	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	383.19	-1.96	0.0	0.0	0.0	0.0
324	3	66.51	0.0	0.0	-3.91	0.0	354.57	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	357.41	-1.96	0.0	0.0	0.0	0.0
324	4	66.51	0.0	0.0	-3.91	0.0	302.79	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	305.64	-1.96	0.0	0.0	0.0	0.0
324	5	66.51	0.0	0.0	-3.91	0.0	302.79	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	305.64	-1.96	0.0	0.0	0.0	0.0
325	1	86.46	0.0	0.0	-5.09	0.0	567.99	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	571.68	-2.54	0.0	0.0	0.0	0.0
325	2	66.51	0.0	0.0	-3.91	0.0	457.94	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	460.79	-1.96	0.0	0.0	0.0	0.0
325	3	66.51	0.0	0.0	-3.91	0.0	427.57	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	430.41	-1.96	0.0	0.0	0.0	0.0
325	4	66.51	0.0	0.0	-3.91	0.0	366.61	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	369.45	-1.96	0.0	0.0	0.0	0.0
325	5	66.51	0.0	0.0	-3.91	0.0	366.61	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	369.45	-1.96	0.0	0.0	0.0	0.0
326	1	86.46	0.0	0.0	-5.09	0.0	1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.85	-2.54	0.0	0.0	0.0	0.0
326	3	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
326	4	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
326	5	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
327	1	94.50	0.0	0.0	-5.09	0.0	-2.29	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	2.33	-2.54	0.0	0.0	0.0	0.0
327	3	72.69	0.0	0.0	-3.91	0.0	-1.76	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.79	-1.96	0.0	0.0	0.0	0.0
327	4	72.69	0.0	0.0	-3.91	0.0	-1.77	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.79	-1.96	0.0	0.0	0.0	0.0
327	5	72.69	0.0	0.0	-3.91	0.0	-1.77	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.79	-1.96	0.0	0.0	0.0	0.0
328	1	62.62	0.0	0.0	-4.16	0.0	10.05	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	13.75	-2.08	0.0	0.0	0.0	0.0
328	2	48.17	0.0	0.0	-3.20	0.0	8.13	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	10.98	-1.60	0.0	0.0	0.0	0.0
328	3	48.17	0.0	0.0	-3.20	0.0	7.48	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	10.32	-1.60	0.0	0.0	0.0	0.0
328	4	48.17	0.0	0.0	-3.20	0.0	6.13	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	8.98	-1.60	0.0	0.0	0.0	0.0
328	5	48.17	0.0	0.0	-3.20	0.0	6.13	1.60	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	120.4	8.98	-1.60	0.0	0.0	0.0	0.0
329	1	492.83	0.0	0.0	-12.02	0.0	-4.63	6.01	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	4.62	-6.01	0.0	0.0	0.0	0.0
329	3	379.10	0.0	0.0	-9.25	0.0	-3.56	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	3.55	-4.62	0.0	0.0	0.0	0.0
329	4	379.10	0.0	0.0	-9.25	0.0	-3.56	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	3.55	-4.62	0.0	0.0	0.0	0.0
329	5	379.10	0.0	0.0	-9.25	0.0	-3.56	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	3.55	-4.62	0.0	0.0	0.0	0.0
330	1	492.83	0.0	0.0	-12.02	0.0	5.77	6.01	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	-3.47	-6.01	0.0	0.0	0.0	0.0
330	3	379.10	0.0	0.0	-9.25	0.0	4.42	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	-2.69	-4.62	0.0	0.0	0.0	0.0
330	4	379.10	0.0	0.0	-9.25	0.0	4.28	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	-2.83	-4.62	0.0	0.0	0.0	0.0
330	5	379.10	0.0	0.0	-9.25	0.0	4.28	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	-2.83	-4.62	0.0	0.0	0.0	0.0
331	1	492.83	0.0	0.0	-12.02	0.0	-4.63	6.01	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	4.62	-6.01	0.0	0.0	0.0	0.0
331	3	379.10	0.0	0.0	-9.25	0.0	-3.56	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	3.55	-4.62	0.0	0.0	0.0	0.0
331	4	379.10	0.0	0.0	-9.25	0.0	-3.56	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	3.55	-4.62	0.0	0.0	0.0	0.0
331	5	379.10	0.0	0.0	-9.25	0.0	-3.56	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	3.55	-4.62	0.0	0.0	0.0	0.0
332	1	492.83	0.0	0.0	-12.02	0.0	4.67	6.01	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	-4.57	-6.01	0.0	0.0	0.0	0.0
332	3	379.10	0.0	0.0	-9.25	0.0	3.59	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	-3.52	-4.62	0.0	0.0	0.0	0.0
332	4	379.10	0.0	0.0	-9.25	0.0	3.58	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	-3.53	-4.62	0.0	0.0	0.0	0.0
332	5	379.10	0.0	0.0	-9.25	0.0	3.58	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	-3.53	-4.62	0.0	0.0	0.0	0.0
333	1	62.62	0.0	0.0	-4.16	0.0	1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
333	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
333	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
333	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
334	1	94.50	0.0	0.0	-5.09	0.0	9.90	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	14.52	-2.54	0.0	0.0	0.0	0.0
334	2	72.69	0.0	0.0	-3.91	0.0	8.03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	11.58	-1.96	0.0	0.0	0.0	0.0
334	3	72.69	0.0	0.0	-3.91	0.0	7.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	10.98	-1.96	0.0	0.0	0.0	0.0
334	4	72.69	0.0	0.0	-3.91	0.0	6.23	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	9.79	-1.96	0.0	0.0	0.0	0.0
334	5	72.69	0.0	0.0	-3.91	0.0	6.23	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	9.79	-1.96	0.0	0.0	0.0	0.0
335	1	94.50	0.0	0.0	-5.09	0.0	2.31	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-2.31	-2.54	0.0	0.0	0.0	0.0
335	3	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
335	4	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
335	5	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
336	1	57.33	0.0	0.0	-3.93	0.0	972.41	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	976.11	-1.96	0.0	0.0	0.0	0.0
336	2	44.10	0.0	0.0	-3.02	0.0	787.41	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	790.25	-1.51	0.0	0.0	0.0	0.0
336	3	44.10	0.0	0.0	-3.02	0.0	730.60	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	733.45	-1.51	0.0	0.0	0.0	0.0
336	4	44.10	0.0	0.0	-3.02	0.0	616.91	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	619.75	-1.51	0.0	0.0	0.0	0.0
336	5	44.10	0.0	0.0	-3.02	0.0	616.91	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	619.75	-1.51	0.0	0.0	0.0	0.0
337	1	57.33	0.0	0.0	-3.93	0.0	1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.85	-1.96	0.0	0.0	0.0	0.0
337	3	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
337	4	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
337	5	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0

338	1	86.46	0.0	0.0	-5.09	0.0	-1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.85	-2.54	0.0	0.0	0.0	0.0
338	3	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
338	4	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
338	5	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
339	1	86.46	0.0	0.0	-5.09	0.0	190.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	187.15	-2.54	0.0	0.0	0.0	0.0
339	2	66.51	0.0	0.0	-3.91	0.0	154.00	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	151.16	-1.96	0.0	0.0	0.0	0.0
339	3	66.51	0.0	0.0	-3.91	0.0	143.58	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	140.73	-1.96	0.0	0.0	0.0	0.0
339	4	66.51	0.0	0.0	-3.91	0.0	122.83	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	119.99	-1.96	0.0	0.0	0.0	0.0
339	5	66.51	0.0	0.0	-3.91	0.0	122.83	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	119.99	-1.96	0.0	0.0	0.0	0.0
340	1	57.33	0.0	0.0	-3.93	0.0	-1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.85	-1.96	0.0	0.0	0.0	0.0
340	3	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
340	4	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
340	5	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
341	1	57.33	0.0	0.0	-3.93	0.0	39.36	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	35.67	-1.96	0.0	0.0	0.0	0.0
341	2	44.10	0.0	0.0	-3.02	0.0	30.03	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	27.18	-1.51	0.0	0.0	0.0	0.0
341	3	44.10	0.0	0.0	-3.02	0.0	30.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	27.58	-1.51	0.0	0.0	0.0	0.0
341	4	44.10	0.0	0.0	-3.02	0.0	31.12	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	28.27	-1.51	0.0	0.0	0.0	0.0
341	5	44.10	0.0	0.0	-3.02	0.0	31.12	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	28.27	-1.51	0.0	0.0	0.0	0.0
342	1	62.62	0.0	0.0	-4.16	0.0	6.97	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	10.67	-2.08	0.0	0.0	0.0	0.0
342	2	48.17	0.0	0.0	-3.20	0.0	5.63	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	8.48	-1.60	0.0	0.0	0.0	0.0
342	3	48.17	0.0	0.0	-3.20	0.0	5.20	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	8.05	-1.60	0.0	0.0	0.0	0.0
342	4	48.17	0.0	0.0	-3.20	0.0	4.45	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	7.30	-1.60	0.0	0.0	0.0	0.0
342	5	48.17	0.0	0.0	-3.20	0.0	4.45	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	7.30	-1.60	0.0	0.0	0.0	0.0
343	1	62.62	0.0	0.0	-4.16	0.0	1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
343	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
343	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
343	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
344	1	86.46	0.0	0.0	-5.09	0.0	-1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.85	-2.54	0.0	0.0	0.0	0.0
344	3	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
344	4	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
344	5	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
345	1	86.46	0.0	0.0	-5.09	0.0	559.16	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	555.46	-2.54	0.0	0.0	0.0	0.0
345	2	66.51	0.0	0.0	-3.91	0.0	450.66	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	447.81	-1.96	0.0	0.0	0.0	0.0
345	3	66.51	0.0	0.0	-3.91	0.0	421.06	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	418.21	-1.96	0.0	0.0	0.0	0.0
345	4	66.51	0.0	0.0	-3.91	0.0	361.57	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	358.72	-1.96	0.0	0.0	0.0	0.0
345	5	66.51	0.0	0.0	-3.91	0.0	361.57	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	358.72	-1.96	0.0	0.0	0.0	0.0
346	1	86.46	0.0	0.0	-5.09	0.0	164.57	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	168.27	-2.54	0.0	0.0	0.0	0.0
346	2	66.51	0.0	0.0	-3.91	0.0	133.12	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	135.97	-1.96	0.0	0.0	0.0	0.0
346	3	66.51	0.0	0.0	-3.91	0.0	123.77	1.96	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	136.0	126.61	-1.96	0.0	0.0	0.0	0.0
346	4	66.51	0.0	0.0	-3.91	0.0	104.86	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	107.71	-1.96	0.0	0.0	0.0	0.0
346	5	66.51	0.0	0.0	-3.91	0.0	104.86	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	107.71	-1.96	0.0	0.0	0.0	0.0
347	1	57.33	0.0	0.0	-3.93	0.0	53.81	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	57.50	-1.96	0.0	0.0	0.0	0.0
347	2	44.10	0.0	0.0	-3.02	0.0	41.46	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	44.30	-1.51	0.0	0.0	0.0	0.0
347	3	44.10	0.0	0.0	-3.02	0.0	41.32	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	44.17	-1.51	0.0	0.0	0.0	0.0
347	4	44.10	0.0	0.0	-3.02	0.0	41.12	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	43.97	-1.51	0.0	0.0	0.0	0.0
347	5	44.10	0.0	0.0	-3.02	0.0	41.12	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	43.97	-1.51	0.0	0.0	0.0	0.0
348	1	86.46	0.0	0.0	-5.09	0.0	-1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.85	-2.54	0.0	0.0	0.0	0.0
348	3	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
348	4	66.51	0.0	0.0	-3.91	0.0	-1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
348	5	66.51	0.0	0.0	-3.91	0.0	-1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
349	1	86.46	0.0	0.0	-5.09	0.0	493.55	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	489.85	-2.54	0.0	0.0	0.0	0.0
349	2	66.51	0.0	0.0	-3.91	0.0	398.31	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	395.47	-1.96	0.0	0.0	0.0	0.0
349	3	66.51	0.0	0.0	-3.91	0.0	371.38	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	368.54	-1.96	0.0	0.0	0.0	0.0
349	4	66.51	0.0	0.0	-3.91	0.0	317.61	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	314.77	-1.96	0.0	0.0	0.0	0.0
349	5	66.51	0.0	0.0	-3.91	0.0	317.61	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	314.77	-1.96	0.0	0.0	0.0	0.0
350	1	57.33	0.0	0.0	-3.93	0.0	-1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.85	-1.96	0.0	0.0	0.0	0.0
350	3	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
350	4	44.10	0.0	0.0	-3.02	0.0	-1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
350	5	44.10	0.0	0.0	-3.02	0.0	-1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
351	1	57.33	0.0	0.0	-3.93	0.0	936.46	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	932.76	-1.96	0.0	0.0	0.0	0.0
351	2	44.10	0.0	0.0	-3.02	0.0	758.07	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	755.23	-1.51	0.0	0.0	0.0	0.0
351	3	44.10	0.0	0.0	-3.02	0.0	703.68	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	700.84	-1.51	0.0	0.0	0.0	0.0
351	4	44.10	0.0	0.0	-3.02	0.0	594.79	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	591.94	-1.51	0.0	0.0	0.0	0.0
351	5	44.10	0.0	0.0	-3.02	0.0	594.79	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	591.94	-1.51	0.0	0.0	0.0	0.0
352	1	62.62	0.0	0.0	-4.16	0.0	-1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.85	-2.08	0.0	0.0	0.0	0.0
352	3	48.17	0.0	0.0	-3.20	0.0	-1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
352	4	48.17	0.0	0.0	-3.20	0.0	-1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
352	5	48.17	0.0	0.0	-3.20	0.0	-1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
353	1	62.62	0.0	0.0	-4.16	0.0	4.21	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	0.51	-2.08	0.0	0.0	0.0	0.0
353	2	48.17	0.0	0.0	-3.20	0.0	3.08	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	0.23	-1.60	0.0	0.0	0.0	0.0
353	3	48.17	0.0	0.0	-3.20	0.0	3.13	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	0.29	-1.60	0.0	0.0	0.0	0.0
353	4	48.17	0.0	0.0	-3.20	0.0	2.97	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	0.13	-1.60	0.0	0.0	0.0	0.0
353	5	48.17	0.0	0.0	-3.20	0.0	2.97	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	0.13	-1.60	0.0	0.0	0.0	0.0
354	1	86.46	0.0	0.0	-5.09	0.0	-1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.85	-2.54	0.0	0.0	0.0	0.0
354	3	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
354	4	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
354	5	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0

355	1	86.46	0.0	0.0	-5.09	0.0	168.20	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	164.51	-2.54	0.0	0.0	0.0	0.0
355	2	66.51	0.0	0.0	-3.91	0.0	135.86	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	133.01	-1.96	0.0	0.0	0.0	0.0
355	3	66.51	0.0	0.0	-3.91	0.0	126.49	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	123.65	-1.96	0.0	0.0	0.0	0.0
355	4	66.51	0.0	0.0	-3.91	0.0	107.84	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	104.99	-1.96	0.0	0.0	0.0	0.0
355	5	66.51	0.0	0.0	-3.91	0.0	107.84	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	104.99	-1.96	0.0	0.0	0.0	0.0
356	1	57.33	0.0	0.0	-3.93	0.0	-1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.85	-1.96	0.0	0.0	0.0	0.0
356	3	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
356	4	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
356	5	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
357	1	57.33	0.0	0.0	-3.93	0.0	47.13	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	43.44	-1.96	0.0	0.0	0.0	0.0
357	2	44.10	0.0	0.0	-3.02	0.0	36.21	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	33.37	-1.51	0.0	0.0	0.0	0.0
357	3	44.10	0.0	0.0	-3.02	0.0	36.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	33.43	-1.51	0.0	0.0	0.0	0.0
357	4	44.10	0.0	0.0	-3.02	0.0	36.37	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	33.53	-1.51	0.0	0.0	0.0	0.0
357	5	44.10	0.0	0.0	-3.02	0.0	36.37	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	33.53	-1.51	0.0	0.0	0.0	0.0
358	1	62.62	0.0	0.0	-4.16	0.0	-1.44	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	2.26	-2.08	0.0	0.0	0.0	0.0
358	3	48.17	0.0	0.0	-3.20	0.0	-1.12	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.72	-1.60	0.0	0.0	0.0	0.0
358	4	48.17	0.0	0.0	-3.20	0.0	-1.19	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.66	-1.60	0.0	0.0	0.0	0.0
358	5	48.17	0.0	0.0	-3.20	0.0	-1.19	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.66	-1.60	0.0	0.0	0.0	0.0
359	1	62.62	0.0	0.0	-4.16	0.0	1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
359	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
359	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
359	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
360	1	57.33	0.0	0.0	-3.93	0.0	43.73	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	47.43	-1.96	0.0	0.0	0.0	0.0
360	2	44.10	0.0	0.0	-3.02	0.0	33.64	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	36.48	-1.51	0.0	0.0	0.0	0.0
360	3	44.10	0.0	0.0	-3.02	0.0	33.64	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	36.48	-1.51	0.0	0.0	0.0	0.0
360	4	44.10	0.0	0.0	-3.02	0.0	33.67	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	36.52	-1.51	0.0	0.0	0.0	0.0
360	5	44.10	0.0	0.0	-3.02	0.0	33.67	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	36.52	-1.51	0.0	0.0	0.0	0.0
361	1	57.33	0.0	0.0	-3.93	0.0	1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.85	-1.96	0.0	0.0	0.0	0.0
361	3	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
361	4	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.42	-1.51	0.0	0.0	0.0	0.0
361	5	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.42	-1.51	0.0	0.0	0.0	0.0
362	1	86.46	0.0	0.0	-5.09	0.0	163.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	167.54	-2.54	0.0	0.0	0.0	0.0
362	2	66.51	0.0	0.0	-3.91	0.0	132.44	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	135.28	-1.96	0.0	0.0	0.0	0.0
362	3	66.51	0.0	0.0	-3.91	0.0	123.17	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	126.01	-1.96	0.0	0.0	0.0	0.0
362	4	66.51	0.0	0.0	-3.91	0.0	104.64	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	107.49	-1.96	0.0	0.0	0.0	0.0
362	5	66.51	0.0	0.0	-3.91	0.0	104.64	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	107.49	-1.96	0.0	0.0	0.0	0.0
363	1	86.46	0.0	0.0	-5.09	0.0	1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.85	-2.54	0.0	0.0	0.0	0.0
363	3	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
363	4	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	136.0	-1.42	-1.96	0.0	0.0	0.0	0.0
363	5	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.42	-1.96	0.0	0.0	0.0	0.0
364	1	57.33	0.0	0.0	-3.93	0.0	1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.85	-1.96	0.0	0.0	0.0	0.0
364	3	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
364	4	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
364	5	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
365	1	86.46	0.0	0.0	-5.09	0.0	112.08	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	115.78	-2.54	0.0	0.0	0.0	0.0
365	2	66.51	0.0	0.0	-3.91	0.0	90.30	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	93.15	-1.96	0.0	0.0	0.0	0.0
365	3	66.51	0.0	0.0	-3.91	0.0	84.38	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	87.22	-1.96	0.0	0.0	0.0	0.0
365	4	66.51	0.0	0.0	-3.91	0.0	72.59	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	75.44	-1.96	0.0	0.0	0.0	0.0
365	5	66.51	0.0	0.0	-3.91	0.0	72.59	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	75.44	-1.96	0.0	0.0	0.0	0.0
366	1	86.46	0.0	0.0	-5.09	0.0	1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.85	-2.54	0.0	0.0	0.0	0.0
366	3	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
366	4	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
366	5	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
367	1	57.33	0.0	0.0	-3.93	0.0	51.36	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	55.05	-1.96	0.0	0.0	0.0	0.0
367	2	44.10	0.0	0.0	-3.02	0.0	39.70	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	42.55	-1.51	0.0	0.0	0.0	0.0
367	3	44.10	0.0	0.0	-3.02	0.0	39.38	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	42.22	-1.51	0.0	0.0	0.0	0.0
367	4	44.10	0.0	0.0	-3.02	0.0	38.83	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	41.67	-1.51	0.0	0.0	0.0	0.0
367	5	44.10	0.0	0.0	-3.02	0.0	38.83	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	41.67	-1.51	0.0	0.0	0.0	0.0
368	1	57.33	0.0	0.0	-3.93	0.0	1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.85	-1.96	0.0	0.0	0.0	0.0
368	3	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.42	-1.51	0.0	0.0	0.0	0.0
368	4	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
368	5	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
369	1	57.33	0.0	0.0	-3.93	0.0	828.38	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	824.68	-1.96	0.0	0.0	0.0	0.0
369	2	44.10	0.0	0.0	-3.02	0.0	670.80	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	667.96	-1.51	0.0	0.0	0.0	0.0
369	3	44.10	0.0	0.0	-3.02	0.0	622.29	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	619.44	-1.51	0.0	0.0	0.0	0.0
369	4	44.10	0.0	0.0	-3.02	0.0	525.19	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	522.34	-1.51	0.0	0.0	0.0	0.0
369	5	44.10	0.0	0.0	-3.02	0.0	525.19	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	522.34	-1.51	0.0	0.0	0.0	0.0
370	1	57.33	0.0	0.0	-3.93	0.0	922.12	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	925.82	-1.96	0.0	0.0	0.0	0.0
370	2	44.10	0.0	0.0	-3.02	0.0	746.56	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	749.40	-1.51	0.0	0.0	0.0	0.0
370	3	44.10	0.0	0.0	-3.02	0.0	693.07	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	695.92	-1.51	0.0	0.0	0.0	0.0
370	4	44.10	0.0	0.0	-3.02	0.0	585.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	588.26	-1.51	0.0	0.0	0.0	0.0
370	5	44.10	0.0	0.0	-3.02	0.0	585.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	588.26	-1.51	0.0	0.0	0.0	0.0
371	1	57.33	0.0	0.0	-3.93	0.0	1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.85	-1.96	0.0	0.0	0.0	0.0
371	3	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.42	-1.51	0.0	0.0	0.0	0.0
371	4	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
371	5	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
372	1	86.46	0.0	0.0	-5.09	0.0	500.25	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	503.95	-2.54	0.0	0.0	0.0	0.0

372	2	66.51	0.0	0.0	-3.91	0.0	403.72	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	406.57	-1.96	0.0	0.0	0.0	0.0
372	3	66.51	0.0	0.0	-3.91	0.0	376.09	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	378.94	-1.96	0.0	0.0	0.0	0.0
372	4	66.51	0.0	0.0	-3.91	0.0	321.20	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	324.05	-1.96	0.0	0.0	0.0	0.0
372	5	66.51	0.0	0.0	-3.91	0.0	321.20	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	324.05	-1.96	0.0	0.0	0.0	0.0
373	1	86.46	0.0	0.0	-5.09	0.0	1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.85	-2.54	0.0	0.0	0.0	0.0
373	3	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
373	4	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
373	5	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
374	1	54.72	0.0	0.0	-3.93	0.0	-1.67	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.66	-1.96	0.0	0.0	0.0	0.0
374	3	42.09	0.0	0.0	-3.02	0.0	-1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.28	-1.51	0.0	0.0	0.0	0.0
374	4	42.09	0.0	0.0	-3.02	0.0	-1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.28	-1.51	0.0	0.0	0.0	0.0
374	5	42.09	0.0	0.0	-3.02	0.0	-1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.28	-1.51	0.0	0.0	0.0	0.0
375	1	54.72	0.0	0.0	-3.93	0.0	669.18	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	665.85	-1.96	0.0	0.0	0.0	0.0
375	2	42.09	0.0	0.0	-3.02	0.0	541.12	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	538.56	-1.51	0.0	0.0	0.0	0.0
375	3	42.09	0.0	0.0	-3.02	0.0	503.08	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	500.52	-1.51	0.0	0.0	0.0	0.0
375	4	42.09	0.0	0.0	-3.02	0.0	426.69	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	424.13	-1.51	0.0	0.0	0.0	0.0
375	5	42.09	0.0	0.0	-3.02	0.0	426.69	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	424.13	-1.51	0.0	0.0	0.0	0.0
376	1	54.72	0.0	0.0	-3.93	0.0	-1.67	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.66	-1.96	0.0	0.0	0.0	0.0
376	3	42.09	0.0	0.0	-3.02	0.0	-1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.28	-1.51	0.0	0.0	0.0	0.0
376	4	42.09	0.0	0.0	-3.02	0.0	-1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.28	-1.51	0.0	0.0	0.0	0.0
376	5	42.09	0.0	0.0	-3.02	0.0	-1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.28	-1.51	0.0	0.0	0.0	0.0
377	1	54.72	0.0	0.0	-3.93	0.0	704.60	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	701.27	-1.96	0.0	0.0	0.0	0.0
377	2	42.09	0.0	0.0	-3.02	0.0	570.08	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	567.52	-1.51	0.0	0.0	0.0	0.0
377	3	42.09	0.0	0.0	-3.02	0.0	529.59	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	527.03	-1.51	0.0	0.0	0.0	0.0
377	4	42.09	0.0	0.0	-3.02	0.0	448.63	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	446.07	-1.51	0.0	0.0	0.0	0.0
377	5	42.09	0.0	0.0	-3.02	0.0	448.63	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	446.07	-1.51	0.0	0.0	0.0	0.0
378	1	59.94	0.0	0.0	-4.16	0.0	2.88	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	6.21	-2.08	0.0	0.0	0.0	0.0
378	2	46.11	0.0	0.0	-3.20	0.0	2.62	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	5.18	-1.60	0.0	0.0	0.0	0.0
378	3	46.11	0.0	0.0	-3.20	0.0	2.27	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	4.83	-1.60	0.0	0.0	0.0	0.0
378	4	46.11	0.0	0.0	-3.20	0.0	1.46	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	4.02	-1.60	0.0	0.0	0.0	0.0
378	5	46.11	0.0	0.0	-3.20	0.0	1.46	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	4.02	-1.60	0.0	0.0	0.0	0.0
379	1	94.50	0.0	0.0	-5.09	0.0	12.86	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	17.48	-2.54	0.0	0.0	0.0	0.0
379	2	72.69	0.0	0.0	-3.91	0.0	10.40	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	13.95	-1.96	0.0	0.0	0.0	0.0
379	3	72.69	0.0	0.0	-3.91	0.0	9.67	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	13.22	-1.96	0.0	0.0	0.0	0.0
379	4	72.69	0.0	0.0	-3.91	0.0	8.21	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	11.77	-1.96	0.0	0.0	0.0	0.0
379	5	72.69	0.0	0.0	-3.91	0.0	8.21	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	11.77	-1.96	0.0	0.0	0.0	0.0
380	1	86.46	0.0	0.0	-5.09	0.0	-1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.85	-2.54	0.0	0.0	0.0	0.0
380	3	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
380	4	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
380	5	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
381	1	86.46	0.0	0.0	-5.09	0.0	488.99	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	485.29	-2.54	0.0	0.0	0.0	0.0
381	2	66.51	0.0	0.0	-3.91	0.0	394.64	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	391.79	-1.96	0.0	0.0	0.0	0.0
381	3	66.51	0.0	0.0	-3.91	0.0	367.91	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	365.07	-1.96	0.0	0.0	0.0	0.0
381	4	66.51	0.0	0.0	-3.91	0.0	314.49	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	311.64	-1.96	0.0	0.0	0.0	0.0
381	5	66.51	0.0	0.0	-3.91	0.0	314.49	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	311.64	-1.96	0.0	0.0	0.0	0.0
382	1	86.46	0.0	0.0	-5.09	0.0	480.65	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	484.35	-2.54	0.0	0.0	0.0	0.0
382	2	66.51	0.0	0.0	-3.91	0.0	388.02	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	390.87	-1.96	0.0	0.0	0.0	0.0
382	3	66.51	0.0	0.0	-3.91	0.0	361.62	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	364.47	-1.96	0.0	0.0	0.0	0.0
382	4	66.51	0.0	0.0	-3.91	0.0	308.67	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	311.52	-1.96	0.0	0.0	0.0	0.0
382	5	66.51	0.0	0.0	-3.91	0.0	308.67	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	311.52	-1.96	0.0	0.0	0.0	0.0
383	1	86.46	0.0	0.0	-5.09	0.0	1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.85	-2.54	0.0	0.0	0.0	0.0
383	3	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.42	-1.96	0.0	0.0	0.0	0.0
383	4	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.42	-1.96	0.0	0.0	0.0	0.0
383	5	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.42	-1.96	0.0	0.0	0.0	0.0
384	1	86.46	0.0	0.0	-5.09	0.0	1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.85	-2.54	0.0	0.0	0.0	0.0
384	3	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.42	-1.96	0.0	0.0	0.0	0.0
384	4	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
384	5	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
385	1	59.94	0.0	0.0	-4.16	0.0	1.66	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-1.67	-2.08	0.0	0.0	0.0	0.0
385	3	46.11	0.0	0.0	-3.20	0.0	1.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-1.28	-1.60	0.0	0.0	0.0	0.0
385	4	46.11	0.0	0.0	-3.20	0.0	1.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-1.28	-1.60	0.0	0.0	0.0	0.0
385	5	46.11	0.0	0.0	-3.20	0.0	1.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-1.28	-1.60	0.0	0.0	0.0	0.0
386	1	54.72	0.0	0.0	-3.93	0.0	718.28	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	721.61	-1.96	0.0	0.0	0.0	0.0
386	2	42.09	0.0	0.0	-3.02	0.0	581.01	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	583.57	-1.51	0.0	0.0	0.0	0.0
386	3	42.09	0.0	0.0	-3.02	0.0	539.75	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	542.31	-1.51	0.0	0.0	0.0	0.0
386	4	42.09	0.0	0.0	-3.02	0.0	457.34	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	459.90	-1.51	0.0	0.0	0.0	0.0
386	5	42.09	0.0	0.0	-3.02	0.0	457.34	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	459.90	-1.51	0.0	0.0	0.0	0.0
387	1	54.72	0.0	0.0	-3.93	0.0	1.66	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.67	-1.96	0.0	0.0	0.0	0.0
387	3	42.09	0.0	0.0	-3.02	0.0	1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.28	-1.51	0.0	0.0	0.0	0.0
387	4	42.09	0.0	0.0	-3.02	0.0	1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.28	-1.51	0.0	0.0	0.0	0.0
387	5	42.09	0.0	0.0	-3.02	0.0	1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.28	-1.51	0.0	0.0	0.0	0.0
388	1	94.50	0.0	0.0	-5.09	0.0	-2.28	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	2.35	-2.54	0.0	0.0	0.0	0.0
388	3	72.69	0.0	0.0	-3.91	0.0	-1.75	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.80	-1.96	0.0	0.0	0.0	0.0
388	4	72.69	0.0	0.0	-3.91	0.0	-1.76	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.80	-1.96	0.0	0.0	0.0	0.0
388	5	72.69	0.0	0.0	-3.91	0.0	-1.76	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.80	-1.96	0.0	0.0	0.0	0.0
389	1	94.50	0.0	0.0	-5.09	0.0	-2.31	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	2.31	-2.54	0.0	0.0	0.0	0.0
389	3	72.69	0.0	0.0	-3.91	0.0	-1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.78	-1.96	0.0	0.0	0.0	0.0

389	4	72.69	0.0	0.0	-3.91	0.0	-1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.78	-1.96	0.0	0.0	0.0	0.0
389	5	72.69	0.0	0.0	-3.91	0.0	-1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.78	-1.96	0.0	0.0	0.0	0.0
390	1	94.50	0.0	0.0	-5.09	0.0	34.89	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	30.27	-2.54	0.0	0.0	0.0	0.0
390	2	72.69	0.0	0.0	-3.91	0.0	28.00	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	24.45	-1.96	0.0	0.0	0.0	0.0
390	3	72.69	0.0	0.0	-3.91	0.0	26.32	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	22.76	-1.96	0.0	0.0	0.0	0.0
390	4	72.69	0.0	0.0	-3.91	0.0	22.95	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	19.39	-1.96	0.0	0.0	0.0	0.0
390	5	72.69	0.0	0.0	-3.91	0.0	22.95	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	19.39	-1.96	0.0	0.0	0.0	0.0
391	1	94.50	0.0	0.0	-5.09	0.0	-2.31	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	2.31	-2.54	0.0	0.0	0.0	0.0
391	3	72.69	0.0	0.0	-3.91	0.0	-1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.78	-1.96	0.0	0.0	0.0	0.0
391	4	72.69	0.0	0.0	-3.91	0.0	-1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.78	-1.96	0.0	0.0	0.0	0.0
391	5	72.69	0.0	0.0	-3.91	0.0	-1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.78	-1.96	0.0	0.0	0.0	0.0
392	1	94.50	0.0	0.0	-5.09	0.0	21.16	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	16.54	-2.54	0.0	0.0	0.0	0.0
392	2	72.69	0.0	0.0	-3.91	0.0	16.95	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	13.40	-1.96	0.0	0.0	0.0	0.0
392	3	72.69	0.0	0.0	-3.91	0.0	15.98	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	12.42	-1.96	0.0	0.0	0.0	0.0
392	4	72.69	0.0	0.0	-3.91	0.0	14.03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	10.48	-1.96	0.0	0.0	0.0	0.0
392	5	72.69	0.0	0.0	-3.91	0.0	14.03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	10.48	-1.96	0.0	0.0	0.0	0.0
393	1	94.50	0.0	0.0	-5.09	0.0	-2.31	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	2.31	-2.54	0.0	0.0	0.0	0.0
393	3	72.69	0.0	0.0	-3.91	0.0	-1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.78	-1.96	0.0	0.0	0.0	0.0
393	4	72.69	0.0	0.0	-3.91	0.0	-1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.78	-1.96	0.0	0.0	0.0	0.0
393	5	72.69	0.0	0.0	-3.91	0.0	-1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.78	-1.96	0.0	0.0	0.0	0.0
394	1	94.50	0.0	0.0	-5.09	0.0	26.75	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	22.13	-2.54	0.0	0.0	0.0	0.0
394	2	72.69	0.0	0.0	-3.91	0.0	21.46	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	17.90	-1.96	0.0	0.0	0.0	0.0
394	3	72.69	0.0	0.0	-3.91	0.0	20.18	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	16.63	-1.96	0.0	0.0	0.0	0.0
394	4	72.69	0.0	0.0	-3.91	0.0	17.64	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	14.09	-1.96	0.0	0.0	0.0	0.0
394	5	72.69	0.0	0.0	-3.91	0.0	17.64	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	14.09	-1.96	0.0	0.0	0.0	0.0
395	1	86.46	0.0	0.0	-5.09	0.0	-1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.85	-2.54	0.0	0.0	0.0	0.0
395	3	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
395	4	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
395	5	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
396	1	86.46	0.0	0.0	-5.09	0.0	153.52	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	149.82	-2.54	0.0	0.0	0.0	0.0
396	2	66.51	0.0	0.0	-3.91	0.0	123.59	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	120.75	-1.96	0.0	0.0	0.0	0.0
396	3	66.51	0.0	0.0	-3.91	0.0	115.61	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	112.77	-1.96	0.0	0.0	0.0	0.0
396	4	66.51	0.0	0.0	-3.91	0.0	99.64	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	96.79	-1.96	0.0	0.0	0.0	0.0
396	5	66.51	0.0	0.0	-3.91	0.0	99.64	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	96.79	-1.96	0.0	0.0	0.0	0.0
397	1	57.33	0.0	0.0	-3.93	0.0	-1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.85	-1.96	0.0	0.0	0.0	0.0
397	3	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
397	4	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
397	5	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
398	1	57.33	0.0	0.0	-3.93	0.0	46.97	1.96	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	116.7	43.27	-1.96	0.0	0.0	0.0	0.0
398	2	44.10	0.0	0.0	-3.02	0.0	35.89	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	33.05	-1.51	0.0	0.0	0.0	0.0
398	3	44.10	0.0	0.0	-3.02	0.0	36.29	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	33.44	-1.51	0.0	0.0	0.0	0.0
398	4	44.10	0.0	0.0	-3.02	0.0	37.01	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	34.16	-1.51	0.0	0.0	0.0	0.0
398	5	44.10	0.0	0.0	-3.02	0.0	37.01	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	34.16	-1.51	0.0	0.0	0.0	0.0
399	1	62.62	0.0	0.0	-4.16	0.0	7.78	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	11.47	-2.08	0.0	0.0	0.0	0.0
399	2	48.17	0.0	0.0	-3.20	0.0	6.25	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	9.09	-1.60	0.0	0.0	0.0	0.0
399	3	48.17	0.0	0.0	-3.20	0.0	5.81	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	8.65	-1.60	0.0	0.0	0.0	0.0
399	4	48.17	0.0	0.0	-3.20	0.0	5.02	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	7.86	-1.60	0.0	0.0	0.0	0.0
399	5	48.17	0.0	0.0	-3.20	0.0	5.02	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	7.86	-1.60	0.0	0.0	0.0	0.0
400	1	62.62	0.0	0.0	-4.16	0.0	1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
400	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
400	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
400	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
401	1	57.33	0.0	0.0	-3.93	0.0	61.00	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	64.69	-1.96	0.0	0.0	0.0	0.0
401	2	44.10	0.0	0.0	-3.02	0.0	47.12	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	49.97	-1.51	0.0	0.0	0.0	0.0
401	3	44.10	0.0	0.0	-3.02	0.0	46.77	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	49.62	-1.51	0.0	0.0	0.0	0.0
401	4	44.10	0.0	0.0	-3.02	0.0	46.15	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	49.00	-1.51	0.0	0.0	0.0	0.0
401	5	44.10	0.0	0.0	-3.02	0.0	46.15	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	49.00	-1.51	0.0	0.0	0.0	0.0
402	1	57.33	0.0	0.0	-3.93	0.0	1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.85	-1.96	0.0	0.0	0.0	0.0
402	3	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
402	4	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
402	5	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
403	1	94.50	0.0	0.0	-5.09	0.0	40.60	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	35.98	-2.54	0.0	0.0	0.0	0.0
403	2	72.69	0.0	0.0	-3.91	0.0	32.55	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	28.99	-1.96	0.0	0.0	0.0	0.0
403	3	72.69	0.0	0.0	-3.91	0.0	30.63	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	27.08	-1.96	0.0	0.0	0.0	0.0
403	4	72.69	0.0	0.0	-3.91	0.0	26.82	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	23.26	-1.96	0.0	0.0	0.0	0.0
403	5	72.69	0.0	0.0	-3.91	0.0	26.82	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	23.26	-1.96	0.0	0.0	0.0	0.0
404	1	94.50	0.0	0.0	-5.09	0.0	-2.31	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	2.32	-2.54	0.0	0.0	0.0	0.0
404	3	72.69	0.0	0.0	-3.91	0.0	-1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.78	-1.96	0.0	0.0	0.0	0.0
404	4	72.69	0.0	0.0	-3.91	0.0	-1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.78	-1.96	0.0	0.0	0.0	0.0
404	5	72.69	0.0	0.0	-3.91	0.0	-1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.78	-1.96	0.0	0.0	0.0	0.0
405	1	94.50	0.0	0.0	-5.09	0.0	24.34	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	19.72	-2.54	0.0	0.0	0.0	0.0
405	2	72.69	0.0	0.0	-3.91	0.0	19.48	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	15.92	-1.96	0.0	0.0	0.0	0.0
405	3	72.69	0.0	0.0	-3.91	0.0	18.38	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	14.82	-1.96	0.0	0.0	0.0	0.0
405	4	72.69	0.0	0.0	-3.91	0.0	16.19	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	12.64	-1.96	0.0	0.0	0.0	0.0
405	5	72.69	0.0	0.0	-3.91	0.0	16.19	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	12.64	-1.96	0.0	0.0	0.0	0.0
406	1	94.50	0.0	0.0	-5.09	0.0	-2.30	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	2.33	-2.54	0.0	0.0	0.0	0.0
406	3	72.69	0.0	0.0	-3.91	0.0	-1.77	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.79	-1.96	0.0	0.0	0.0	0.0

406	4	72.69	0.0	0.0	-3.91	0.0	-1.77	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.79	-1.96	0.0	0.0	0.0	0.0
406	5	72.69	0.0	0.0	-3.91	0.0	-1.77	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.79	-1.96	0.0	0.0	0.0	0.0
407	1	94.50	0.0	0.0	-5.09	0.0	30.33	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	25.70	-2.54	0.0	0.0	0.0	0.0
407	2	72.69	0.0	0.0	-3.91	0.0	24.30	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	20.74	-1.96	0.0	0.0	0.0	0.0
407	3	72.69	0.0	0.0	-3.91	0.0	22.89	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	19.33	-1.96	0.0	0.0	0.0	0.0
407	4	72.69	0.0	0.0	-3.91	0.0	20.08	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	16.53	-1.96	0.0	0.0	0.0	0.0
407	5	72.69	0.0	0.0	-3.91	0.0	20.08	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	16.53	-1.96	0.0	0.0	0.0	0.0
408	1	86.46	0.0	0.0	-5.09	0.0	-1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.85	-2.54	0.0	0.0	0.0	0.0
408	3	66.51	0.0	0.0	-3.91	0.0	-1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
408	4	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
408	5	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
409	1	86.46	0.0	0.0	-5.09	0.0	619.83	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	616.13	-2.54	0.0	0.0	0.0	0.0
409	2	66.51	0.0	0.0	-3.91	0.0	500.06	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	497.22	-1.96	0.0	0.0	0.0	0.0
409	3	66.51	0.0	0.0	-3.91	0.0	466.60	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	463.76	-1.96	0.0	0.0	0.0	0.0
409	4	66.51	0.0	0.0	-3.91	0.0	399.41	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	396.56	-1.96	0.0	0.0	0.0	0.0
409	5	66.51	0.0	0.0	-3.91	0.0	399.41	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	396.56	-1.96	0.0	0.0	0.0	0.0
410	1	94.50	0.0	0.0	-5.09	0.0	20.24	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	24.86	-2.54	0.0	0.0	0.0	0.0
410	2	72.69	0.0	0.0	-3.91	0.0	16.39	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	19.94	-1.96	0.0	0.0	0.0	0.0
410	3	72.69	0.0	0.0	-3.91	0.0	15.23	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	18.78	-1.96	0.0	0.0	0.0	0.0
410	4	72.69	0.0	0.0	-3.91	0.0	12.88	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	16.44	-1.96	0.0	0.0	0.0	0.0
410	5	72.69	0.0	0.0	-3.91	0.0	12.88	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	16.44	-1.96	0.0	0.0	0.0	0.0
411	1	94.50	0.0	0.0	-5.09	0.0	3.24	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.38	-2.54	0.0	0.0	0.0	0.0
411	3	72.69	0.0	0.0	-3.91	0.0	2.48	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.08	-1.96	0.0	0.0	0.0	0.0
411	4	72.69	0.0	0.0	-3.91	0.0	2.36	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.20	-1.96	0.0	0.0	0.0	0.0
411	5	72.69	0.0	0.0	-3.91	0.0	2.36	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.20	-1.96	0.0	0.0	0.0	0.0
412	1	94.50	0.0	0.0	-5.09	0.0	9.99	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	14.61	-2.54	0.0	0.0	0.0	0.0
412	2	72.69	0.0	0.0	-3.91	0.0	8.12	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	11.67	-1.96	0.0	0.0	0.0	0.0
412	3	72.69	0.0	0.0	-3.91	0.0	7.50	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	11.05	-1.96	0.0	0.0	0.0	0.0
412	4	72.69	0.0	0.0	-3.91	0.0	6.24	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	9.79	-1.96	0.0	0.0	0.0	0.0
412	5	72.69	0.0	0.0	-3.91	0.0	6.24	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	9.79	-1.96	0.0	0.0	0.0	0.0
413	1	94.50	0.0	0.0	-5.09	0.0	2.31	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-2.31	-2.54	0.0	0.0	0.0	0.0
413	3	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
413	4	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
413	5	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
414	1	94.50	0.0	0.0	-5.09	0.0	14.04	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	18.67	-2.54	0.0	0.0	0.0	0.0
414	2	72.69	0.0	0.0	-3.91	0.0	11.39	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	14.94	-1.96	0.0	0.0	0.0	0.0
414	3	72.69	0.0	0.0	-3.91	0.0	10.55	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	14.10	-1.96	0.0	0.0	0.0	0.0
414	4	72.69	0.0	0.0	-3.91	0.0	8.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	12.40	-1.96	0.0	0.0	0.0	0.0
414	5	72.69	0.0	0.0	-3.91	0.0	8.85	1.96	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	148.7	12.40	-1.96	0.0	0.0	0.0	0.0
415	1	94.50	0.0	0.0	-5.09	0.0	2.31	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-2.31	-2.54	0.0	0.0	0.0	0.0
415	3	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
415	4	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
415	5	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
416	1	86.46	0.0	0.0	-5.09	0.0	118.89	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	122.59	-2.54	0.0	0.0	0.0	0.0
416	2	66.51	0.0	0.0	-3.91	0.0	96.09	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	98.93	-1.96	0.0	0.0	0.0	0.0
416	3	66.51	0.0	0.0	-3.91	0.0	89.51	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	92.36	-1.96	0.0	0.0	0.0	0.0
416	4	66.51	0.0	0.0	-3.91	0.0	76.12	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	78.97	-1.96	0.0	0.0	0.0	0.0
416	5	66.51	0.0	0.0	-3.91	0.0	76.12	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	78.97	-1.96	0.0	0.0	0.0	0.0
417	1	86.46	0.0	0.0	-5.09	0.0	1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.85	-2.54	0.0	0.0	0.0	0.0
417	3	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
417	4	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
417	5	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
418	1	86.46	0.0	0.0	-5.09	0.0	-1.80	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.90	-2.54	0.0	0.0	0.0	0.0
418	3	66.51	0.0	0.0	-3.91	0.0	-1.38	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.46	-1.96	0.0	0.0	0.0	0.0
418	4	66.51	0.0	0.0	-3.91	0.0	-1.38	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.46	-1.96	0.0	0.0	0.0	0.0
418	5	66.51	0.0	0.0	-3.91	0.0	-1.38	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.46	-1.96	0.0	0.0	0.0	0.0
419	1	86.46	0.0	0.0	-5.09	0.0	134.74	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	131.04	-2.54	0.0	0.0	0.0	0.0
419	2	66.51	0.0	0.0	-3.91	0.0	108.48	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	105.63	-1.96	0.0	0.0	0.0	0.0
419	3	66.51	0.0	0.0	-3.91	0.0	101.39	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	98.54	-1.96	0.0	0.0	0.0	0.0
419	4	66.51	0.0	0.0	-3.91	0.0	87.46	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	84.61	-1.96	0.0	0.0	0.0	0.0
419	5	66.51	0.0	0.0	-3.91	0.0	87.46	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	84.61	-1.96	0.0	0.0	0.0	0.0
420	1	57.33	0.0	0.0	-3.93	0.0	-1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.85	-1.96	0.0	0.0	0.0	0.0
420	3	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
420	4	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
420	5	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
421	1	57.33	0.0	0.0	-3.93	0.0	54.20	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	50.51	-1.96	0.0	0.0	0.0	0.0
421	2	44.10	0.0	0.0	-3.02	0.0	41.59	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	38.75	-1.51	0.0	0.0	0.0	0.0
421	3	44.10	0.0	0.0	-3.02	0.0	41.78	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	38.93	-1.51	0.0	0.0	0.0	0.0
421	4	44.10	0.0	0.0	-3.02	0.0	42.07	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	39.22	-1.51	0.0	0.0	0.0	0.0
421	5	44.10	0.0	0.0	-3.02	0.0	42.07	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	39.22	-1.51	0.0	0.0	0.0	0.0
422	1	59.94	0.0	0.0	-4.16	0.0	-1.67	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	1.66	-2.08	0.0	0.0	0.0	0.0
422	3	46.11	0.0	0.0	-3.20	0.0	-1.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	1.28	-1.60	0.0	0.0	0.0	0.0
422	4	46.11	0.0	0.0	-3.20	0.0	-1.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	1.28	-1.60	0.0	0.0	0.0	0.0
422	5	46.11	0.0	0.0	-3.20	0.0	-1.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	1.28	-1.60	0.0	0.0	0.0	0.0
423	1	59.94	0.0	0.0	-4.16	0.0	2.15	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-1.18	-2.08	0.0	0.0	0.0	0.0
423	3	46.11	0.0	0.0	-3.20	0.0	1.63	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-0.93	-1.60	0.0	0.0	0.0	0.0
423	4	46.11	0.0	0.0	-3.20	0.0	1.61	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-0.95	-1.60	0.0	0.0	0.0	0.0

423	5	46.11	0.0	0.0	-3.20	0.0	1.61	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-0.95	-1.60	0.0	0.0	0.0	0.0
424	1	54.72	0.0	0.0	-3.93	0.0	662.66	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	665.99	-1.96	0.0	0.0	0.0	0.0
424	2	42.09	0.0	0.0	-3.02	0.0	536.09	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	538.65	-1.51	0.0	0.0	0.0	0.0
424	3	42.09	0.0	0.0	-3.02	0.0	498.14	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	500.70	-1.51	0.0	0.0	0.0	0.0
424	4	42.09	0.0	0.0	-3.02	0.0	422.14	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	424.70	-1.51	0.0	0.0	0.0	0.0
424	5	42.09	0.0	0.0	-3.02	0.0	422.14	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	424.70	-1.51	0.0	0.0	0.0	0.0
425	1	54.72	0.0	0.0	-3.93	0.0	1.66	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.67	-1.96	0.0	0.0	0.0	0.0
425	3	42.09	0.0	0.0	-3.02	0.0	1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.28	-1.51	0.0	0.0	0.0	0.0
425	4	42.09	0.0	0.0	-3.02	0.0	1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.28	-1.51	0.0	0.0	0.0	0.0
425	5	42.09	0.0	0.0	-3.02	0.0	1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.28	-1.51	0.0	0.0	0.0	0.0
426	1	86.46	0.0	0.0	-5.09	0.0	586.63	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	590.32	-2.54	0.0	0.0	0.0	0.0
426	2	66.51	0.0	0.0	-3.91	0.0	473.35	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	476.20	-1.96	0.0	0.0	0.0	0.0
426	3	66.51	0.0	0.0	-3.91	0.0	441.38	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	444.22	-1.96	0.0	0.0	0.0	0.0
426	4	66.51	0.0	0.0	-3.91	0.0	377.51	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	380.36	-1.96	0.0	0.0	0.0	0.0
426	5	66.51	0.0	0.0	-3.91	0.0	377.51	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	380.36	-1.96	0.0	0.0	0.0	0.0
427	1	86.46	0.0	0.0	-5.09	0.0	1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.85	-2.54	0.0	0.0	0.0	0.0
427	3	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
427	4	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
427	5	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
428	1	86.46	0.0	0.0	-5.09	0.0	-1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.85	-2.54	0.0	0.0	0.0	0.0
428	3	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
428	4	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
428	5	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
429	1	54.72	0.0	0.0	-3.93	0.0	-1.67	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.66	-1.96	0.0	0.0	0.0	0.0
429	3	42.09	0.0	0.0	-3.02	0.0	-1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.28	-1.51	0.0	0.0	0.0	0.0
429	4	42.09	0.0	0.0	-3.02	0.0	-1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.28	-1.51	0.0	0.0	0.0	0.0
429	5	42.09	0.0	0.0	-3.02	0.0	-1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.28	-1.51	0.0	0.0	0.0	0.0
430	1	54.72	0.0	0.0	-3.93	0.0	653.17	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	649.84	-1.96	0.0	0.0	0.0	0.0
430	2	42.09	0.0	0.0	-3.02	0.0	528.39	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	525.83	-1.51	0.0	0.0	0.0	0.0
430	3	42.09	0.0	0.0	-3.02	0.0	490.94	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	488.38	-1.51	0.0	0.0	0.0	0.0
430	4	42.09	0.0	0.0	-3.02	0.0	415.93	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	413.37	-1.51	0.0	0.0	0.0	0.0
430	5	42.09	0.0	0.0	-3.02	0.0	415.93	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	413.37	-1.51	0.0	0.0	0.0	0.0
431	1	59.94	0.0	0.0	-4.16	0.0	7.84	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	11.17	-2.08	0.0	0.0	0.0	0.0
431	2	46.11	0.0	0.0	-3.20	0.0	6.41	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	8.97	-1.60	0.0	0.0	0.0	0.0
431	3	46.11	0.0	0.0	-3.20	0.0	5.84	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	8.40	-1.60	0.0	0.0	0.0	0.0
431	4	46.11	0.0	0.0	-3.20	0.0	4.86	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	7.42	-1.60	0.0	0.0	0.0	0.0
431	5	46.11	0.0	0.0	-3.20	0.0	4.86	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	7.42	-1.60	0.0	0.0	0.0	0.0
432	1	59.94	0.0	0.0	-4.16	0.0	1.66	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-1.67	-2.08	0.0	0.0	0.0	0.0
432	3	46.11	0.0	0.0	-3.20	0.0	1.28	1.60	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	115.3	-1.28	-1.60	0.0	0.0	0.0	0.0
432	4	46.11	0.0	0.0	-3.20	0.0	1.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-1.28	-1.60	0.0	0.0	0.0	0.0
432	5	46.11	0.0	0.0	-3.20	0.0	1.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-1.28	-1.60	0.0	0.0	0.0	0.0
433	1	54.72	0.0	0.0	-3.93	0.0	663.84	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	667.17	-1.96	0.0	0.0	0.0	0.0
433	2	42.09	0.0	0.0	-3.02	0.0	537.10	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	539.66	-1.51	0.0	0.0	0.0	0.0
433	3	42.09	0.0	0.0	-3.02	0.0	498.98	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	501.54	-1.51	0.0	0.0	0.0	0.0
433	4	42.09	0.0	0.0	-3.02	0.0	422.50	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	425.06	-1.51	0.0	0.0	0.0	0.0
433	5	42.09	0.0	0.0	-3.02	0.0	422.50	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	425.06	-1.51	0.0	0.0	0.0	0.0
434	1	54.72	0.0	0.0	-3.93	0.0	1.66	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.67	-1.96	0.0	0.0	0.0	0.0
434	3	42.09	0.0	0.0	-3.02	0.0	1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.28	-1.51	0.0	0.0	0.0	0.0
434	4	42.09	0.0	0.0	-3.02	0.0	1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.28	-1.51	0.0	0.0	0.0	0.0
434	5	42.09	0.0	0.0	-3.02	0.0	1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.28	-1.51	0.0	0.0	0.0	0.0
435	1	86.46	0.0	0.0	-5.09	0.0	-1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.85	-2.54	0.0	0.0	0.0	0.0
435	3	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
435	4	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
435	5	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
436	1	86.46	0.0	0.0	-5.09	0.0	209.44	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	205.74	-2.54	0.0	0.0	0.0	0.0
436	2	66.51	0.0	0.0	-3.91	0.0	168.88	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	166.04	-1.96	0.0	0.0	0.0	0.0
436	3	66.51	0.0	0.0	-3.91	0.0	157.68	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	154.84	-1.96	0.0	0.0	0.0	0.0
436	4	66.51	0.0	0.0	-3.91	0.0	135.09	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	132.24	-1.96	0.0	0.0	0.0	0.0
436	5	66.51	0.0	0.0	-3.91	0.0	135.09	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	132.24	-1.96	0.0	0.0	0.0	0.0
437	1	57.33	0.0	0.0	-3.93	0.0	-1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.85	-1.96	0.0	0.0	0.0	0.0
437	3	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
437	4	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
437	5	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
438	1	57.33	0.0	0.0	-3.93	0.0	16.72	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	13.02	-1.96	0.0	0.0	0.0	0.0
438	2	44.10	0.0	0.0	-3.02	0.0	11.97	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	9.13	-1.51	0.0	0.0	0.0	0.0
438	3	44.10	0.0	0.0	-3.02	0.0	13.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	10.43	-1.51	0.0	0.0	0.0	0.0
438	4	44.10	0.0	0.0	-3.02	0.0	15.95	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	13.10	-1.51	0.0	0.0	0.0	0.0
438	5	44.10	0.0	0.0	-3.02	0.0	15.95	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	13.10	-1.51	0.0	0.0	0.0	0.0
439	1	62.62	0.0	0.0	-4.16	0.0	29.71	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	33.40	-2.08	0.0	0.0	0.0	0.0
439	2	48.17	0.0	0.0	-3.20	0.0	23.80	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	26.64	-1.60	0.0	0.0	0.0	0.0
439	3	48.17	0.0	0.0	-3.20	0.0	22.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	25.26	-1.60	0.0	0.0	0.0	0.0
439	4	48.17	0.0	0.0	-3.20	0.0	19.61	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	22.45	-1.60	0.0	0.0	0.0	0.0
439	5	48.17	0.0	0.0	-3.20	0.0	19.61	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	22.45	-1.60	0.0	0.0	0.0	0.0
440	1	62.62	0.0	0.0	-4.16	0.0	1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
440	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
440	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
440	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0

441	1	57.33	0.0	0.0	-3.93	0.0	74.18	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	77.88	-1.96	0.0	0.0	0.0	0.0
441	2	44.10	0.0	0.0	-3.02	0.0	57.92	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	60.76	-1.51	0.0	0.0	0.0	0.0
441	3	44.10	0.0	0.0	-3.02	0.0	56.66	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	59.51	-1.51	0.0	0.0	0.0	0.0
441	4	44.10	0.0	0.0	-3.02	0.0	54.09	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	56.94	-1.51	0.0	0.0	0.0	0.0
441	5	44.10	0.0	0.0	-3.02	0.0	54.09	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	56.94	-1.51	0.0	0.0	0.0	0.0
442	1	57.33	0.0	0.0	-3.93	0.0	1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.85	-1.96	0.0	0.0	0.0	0.0
442	3	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.42	-1.51	0.0	0.0	0.0	0.0
442	4	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
442	5	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
443	1	94.50	0.0	0.0	-5.09	0.0	67.20	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	62.58	-2.54	0.0	0.0	0.0	0.0
443	2	72.69	0.0	0.0	-3.91	0.0	54.01	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	50.45	-1.96	0.0	0.0	0.0	0.0
443	3	72.69	0.0	0.0	-3.91	0.0	50.67	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	47.12	-1.96	0.0	0.0	0.0	0.0
443	4	72.69	0.0	0.0	-3.91	0.0	43.99	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	40.44	-1.96	0.0	0.0	0.0	0.0
443	5	72.69	0.0	0.0	-3.91	0.0	43.99	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	40.44	-1.96	0.0	0.0	0.0	0.0
444	1	94.50	0.0	0.0	-5.09	0.0	-2.31	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	2.32	-2.54	0.0	0.0	0.0	0.0
444	3	72.69	0.0	0.0	-3.91	0.0	-1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.78	-1.96	0.0	0.0	0.0	0.0
444	4	72.69	0.0	0.0	-3.91	0.0	-1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.78	-1.96	0.0	0.0	0.0	0.0
444	5	72.69	0.0	0.0	-3.91	0.0	-1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.78	-1.96	0.0	0.0	0.0	0.0
445	1	94.50	0.0	0.0	-5.09	0.0	40.57	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	35.95	-2.54	0.0	0.0	0.0	0.0
445	2	72.69	0.0	0.0	-3.91	0.0	32.57	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	29.01	-1.96	0.0	0.0	0.0	0.0
445	3	72.69	0.0	0.0	-3.91	0.0	30.60	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	27.05	-1.96	0.0	0.0	0.0	0.0
445	4	72.69	0.0	0.0	-3.91	0.0	26.67	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	23.11	-1.96	0.0	0.0	0.0	0.0
445	5	72.69	0.0	0.0	-3.91	0.0	26.67	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	23.11	-1.96	0.0	0.0	0.0	0.0
446	1	94.50	0.0	0.0	-5.09	0.0	48.80	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	44.18	-2.54	0.0	0.0	0.0	0.0
446	2	72.69	0.0	0.0	-3.91	0.0	39.20	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	35.64	-1.96	0.0	0.0	0.0	0.0
446	3	72.69	0.0	0.0	-3.91	0.0	36.80	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	33.24	-1.96	0.0	0.0	0.0	0.0
446	4	72.69	0.0	0.0	-3.91	0.0	32.00	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	28.45	-1.96	0.0	0.0	0.0	0.0
446	5	72.69	0.0	0.0	-3.91	0.0	32.00	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	28.45	-1.96	0.0	0.0	0.0	0.0
447	1	94.50	0.0	0.0	-5.09	0.0	-2.31	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	2.31	-2.54	0.0	0.0	0.0	0.0
447	3	72.69	0.0	0.0	-3.91	0.0	-1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.78	-1.96	0.0	0.0	0.0	0.0
447	4	72.69	0.0	0.0	-3.91	0.0	-1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.78	-1.96	0.0	0.0	0.0	0.0
447	5	72.69	0.0	0.0	-3.91	0.0	-1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.78	-1.96	0.0	0.0	0.0	0.0
448	1	86.46	0.0	0.0	-5.09	0.0	224.60	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	220.90	-2.54	0.0	0.0	0.0	0.0
448	2	66.51	0.0	0.0	-3.91	0.0	181.11	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	178.26	-1.96	0.0	0.0	0.0	0.0
448	3	66.51	0.0	0.0	-3.91	0.0	169.12	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	166.27	-1.96	0.0	0.0	0.0	0.0
448	4	66.51	0.0	0.0	-3.91	0.0	145.02	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	142.18	-1.96	0.0	0.0	0.0	0.0
448	5	66.51	0.0	0.0	-3.91	0.0	145.02	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	142.18	-1.96	0.0	0.0	0.0	0.0
449	1	86.46	0.0	0.0	-5.09	0.0	-1.81	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.89	-2.54	0.0	0.0	0.0	0.0
449	3	66.51	0.0	0.0	-3.91	0.0	-1.39	1.96	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	136.0	1.46	-1.96	0.0	0.0	0.0	0.0
449	4	66.51	0.0	0.0	-3.91	0.0	-1.39	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.45	-1.96	0.0	0.0	0.0	0.0
449	5	66.51	0.0	0.0	-3.91	0.0	-1.39	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.45	-1.96	0.0	0.0	0.0	0.0
450	1	57.33	0.0	0.0	-3.93	0.0	83.80	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	80.10	-1.96	0.0	0.0	0.0	0.0
450	2	44.10	0.0	0.0	-3.02	0.0	65.31	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	62.47	-1.51	0.0	0.0	0.0	0.0
450	3	44.10	0.0	0.0	-3.02	0.0	64.08	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	61.24	-1.51	0.0	0.0	0.0	0.0
450	4	44.10	0.0	0.0	-3.02	0.0	61.61	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	58.77	-1.51	0.0	0.0	0.0	0.0
450	5	44.10	0.0	0.0	-3.02	0.0	61.61	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	58.77	-1.51	0.0	0.0	0.0	0.0
451	1	57.33	0.0	0.0	-3.93	0.0	-1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.85	-1.96	0.0	0.0	0.0	0.0
451	3	44.10	0.0	0.0	-3.02	0.0	-1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
451	4	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
451	5	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
452	1	62.62	0.0	0.0	-4.16	0.0	31.84	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	28.14	-2.08	0.0	0.0	0.0	0.0
452	2	48.17	0.0	0.0	-3.20	0.0	25.44	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	22.60	-1.60	0.0	0.0	0.0	0.0
452	3	48.17	0.0	0.0	-3.20	0.0	24.06	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	21.21	-1.60	0.0	0.0	0.0	0.0
452	4	48.17	0.0	0.0	-3.20	0.0	21.29	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	18.45	-1.60	0.0	0.0	0.0	0.0
452	5	48.17	0.0	0.0	-3.20	0.0	21.29	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	18.45	-1.60	0.0	0.0	0.0	0.0
453	1	62.62	0.0	0.0	-4.16	0.0	-1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.85	-2.08	0.0	0.0	0.0	0.0
453	3	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
453	4	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
453	5	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
454	1	57.33	0.0	0.0	-3.93	0.0	1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.85	-1.96	0.0	0.0	0.0	0.0
454	3	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
454	4	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
454	5	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
455	1	57.33	0.0	0.0	-3.93	0.0	23.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	27.12	-1.96	0.0	0.0	0.0	0.0
455	2	44.10	0.0	0.0	-3.02	0.0	17.10	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	19.95	-1.51	0.0	0.0	0.0	0.0
455	3	44.10	0.0	0.0	-3.02	0.0	18.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	21.27	-1.51	0.0	0.0	0.0	0.0
455	4	44.10	0.0	0.0	-3.02	0.0	21.06	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	23.90	-1.51	0.0	0.0	0.0	0.0
455	5	44.10	0.0	0.0	-3.02	0.0	21.06	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	23.90	-1.51	0.0	0.0	0.0	0.0
456	1	94.50	0.0	0.0	-5.09	0.0	45.91	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	50.53	-2.54	0.0	0.0	0.0	0.0
456	2	72.69	0.0	0.0	-3.91	0.0	37.04	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	40.60	-1.96	0.0	0.0	0.0	0.0
456	3	72.69	0.0	0.0	-3.91	0.0	34.54	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	38.10	-1.96	0.0	0.0	0.0	0.0
456	4	72.69	0.0	0.0	-3.91	0.0	29.57	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	33.13	-1.96	0.0	0.0	0.0	0.0
456	5	72.69	0.0	0.0	-3.91	0.0	29.57	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	33.13	-1.96	0.0	0.0	0.0	0.0
457	1	94.50	0.0	0.0	-5.09	0.0	2.31	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-2.31	-2.54	0.0	0.0	0.0	0.0
457	3	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
457	4	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
457	5	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0

458	1	94.50	0.0	0.0	-5.09	0.0	26.69	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	31.32	-2.54	0.0	0.0	0.0	0.0
458	2	72.69	0.0	0.0	-3.91	0.0	21.57	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	25.13	-1.96	0.0	0.0	0.0	0.0
458	3	72.69	0.0	0.0	-3.91	0.0	20.07	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	23.63	-1.96	0.0	0.0	0.0	0.0
458	4	72.69	0.0	0.0	-3.91	0.0	17.08	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	20.64	-1.96	0.0	0.0	0.0	0.0
458	5	72.69	0.0	0.0	-3.91	0.0	17.08	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	20.64	-1.96	0.0	0.0	0.0	0.0
459	1	94.50	0.0	0.0	-5.09	0.0	2.31	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-2.31	-2.54	0.0	0.0	0.0	0.0
459	3	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
459	4	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
459	5	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
460	1	94.50	0.0	0.0	-5.09	0.0	33.69	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	38.31	-2.54	0.0	0.0	0.0	0.0
460	2	72.69	0.0	0.0	-3.91	0.0	27.20	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	30.76	-1.96	0.0	0.0	0.0	0.0
460	3	72.69	0.0	0.0	-3.91	0.0	25.34	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	28.89	-1.96	0.0	0.0	0.0	0.0
460	4	72.69	0.0	0.0	-3.91	0.0	21.62	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	25.17	-1.96	0.0	0.0	0.0	0.0
460	5	72.69	0.0	0.0	-3.91	0.0	21.62	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	25.17	-1.96	0.0	0.0	0.0	0.0
461	1	94.50	0.0	0.0	-5.09	0.0	2.31	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-2.31	-2.54	0.0	0.0	0.0	0.0
461	3	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
461	4	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
461	5	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
462	1	492.83	0.0	0.0	-12.02	0.0	-4.62	6.01	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	4.62	-6.01	0.0	0.0	0.0	0.0
462	3	379.10	0.0	0.0	-9.25	0.0	-3.56	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	3.55	-4.62	0.0	0.0	0.0	0.0
462	4	379.10	0.0	0.0	-9.25	0.0	-3.56	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	3.55	-4.62	0.0	0.0	0.0	0.0
462	5	379.10	0.0	0.0	-9.25	0.0	-3.56	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	3.55	-4.62	0.0	0.0	0.0	0.0
463	1	492.83	0.0	0.0	-12.02	0.0	15.24	6.01	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	6.00	-6.01	0.0	0.0	0.0	0.0
463	2	379.10	0.0	0.0	-9.25	0.0	12.11	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	5.00	-4.62	0.0	0.0	0.0	0.0
463	3	379.10	0.0	0.0	-9.25	0.0	11.55	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	4.44	-4.62	0.0	0.0	0.0	0.0
463	4	379.10	0.0	0.0	-9.25	0.0	10.41	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	3.30	-4.62	0.0	0.0	0.0	0.0
463	5	379.10	0.0	0.0	-9.25	0.0	10.41	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	3.30	-4.62	0.0	0.0	0.0	0.0
464	1	492.83	0.0	0.0	-12.02	0.0	-4.63	6.01	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	4.62	-6.01	0.0	0.0	0.0	0.0
464	3	379.10	0.0	0.0	-9.25	0.0	-3.56	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	3.55	-4.62	0.0	0.0	0.0	0.0
464	4	379.10	0.0	0.0	-9.25	0.0	-3.56	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	3.55	-4.62	0.0	0.0	0.0	0.0
464	5	379.10	0.0	0.0	-9.25	0.0	-3.56	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	3.55	-4.62	0.0	0.0	0.0	0.0
465	1	492.83	0.0	0.0	-12.02	0.0	19.94	6.01	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	10.69	-6.01	0.0	0.0	0.0	0.0
465	2	379.10	0.0	0.0	-9.25	0.0	15.88	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	8.77	-4.62	0.0	0.0	0.0	0.0
465	3	379.10	0.0	0.0	-9.25	0.0	15.16	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	8.05	-4.62	0.0	0.0	0.0	0.0
465	4	379.10	0.0	0.0	-9.25	0.0	13.50	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	6.39	-4.62	0.0	0.0	0.0	0.0
465	5	379.10	0.0	0.0	-9.25	0.0	13.50	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	6.39	-4.62	0.0	0.0	0.0	0.0
466	1	69.97	0.0	0.0	-4.16	0.0	234.35	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	238.97	-2.08	0.0	0.0	0.0	0.0
466	2	53.82	0.0	0.0	-3.20	0.0	188.71	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	192.26	-1.60	0.0	0.0	0.0	0.0
466	3	53.82	0.0	0.0	-3.20	0.0	176.36	1.60	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	134.5	179.92	-1.60	0.0	0.0	0.0	0.0
466	4	53.82	0.0	0.0	-3.20	0.0	151.80	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	155.36	-1.60	0.0	0.0	0.0	0.0
466	5	53.82	0.0	0.0	-3.20	0.0	151.80	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	155.36	-1.60	0.0	0.0	0.0	0.0
467	1	69.97	0.0	0.0	-4.16	0.0	2.31	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-2.31	-2.08	0.0	0.0	0.0	0.0
467	3	53.82	0.0	0.0	-3.20	0.0	1.78	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
467	4	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
467	5	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
468	1	114.06	0.0	0.0	-4.16	0.0	-0.87	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	8.38	-2.08	0.0	0.0	0.0	0.0
468	3	87.74	0.0	0.0	-3.20	0.0	-0.58	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	6.54	-1.60	0.0	0.0	0.0	0.0
468	4	87.74	0.0	0.0	-3.20	0.0	-1.06	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	6.05	-1.60	0.0	0.0	0.0	0.0
468	5	87.74	0.0	0.0	-3.20	0.0	-1.06	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	6.05	-1.60	0.0	0.0	0.0	0.0
469	1	114.06	0.0	0.0	-4.16	0.0	4.62	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	-4.63	-2.08	0.0	0.0	0.0	0.0
469	3	87.74	0.0	0.0	-3.20	0.0	3.55	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	-3.56	-1.60	0.0	0.0	0.0	0.0
469	4	87.74	0.0	0.0	-3.20	0.0	3.55	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	-3.56	-1.60	0.0	0.0	0.0	0.0
469	5	87.74	0.0	0.0	-3.20	0.0	3.55	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	-3.56	-1.60	0.0	0.0	0.0	0.0
470	1	114.06	0.0	0.0	-4.16	0.0	7.56	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	16.80	-2.08	0.0	0.0	0.0	0.0
470	2	87.74	0.0	0.0	-3.20	0.0	6.07	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	13.18	-1.60	0.0	0.0	0.0	0.0
470	3	87.74	0.0	0.0	-3.20	0.0	5.62	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	12.74	-1.60	0.0	0.0	0.0	0.0
470	4	87.74	0.0	0.0	-3.20	0.0	5.03	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	12.14	-1.60	0.0	0.0	0.0	0.0
470	5	87.74	0.0	0.0	-3.20	0.0	5.03	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	12.14	-1.60	0.0	0.0	0.0	0.0
471	1	114.06	0.0	0.0	-4.16	0.0	4.62	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	-4.63	-2.08	0.0	0.0	0.0	0.0
471	3	87.74	0.0	0.0	-3.20	0.0	3.55	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	-3.56	-1.60	0.0	0.0	0.0	0.0
471	4	87.74	0.0	0.0	-3.20	0.0	3.55	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	-3.56	-1.60	0.0	0.0	0.0	0.0
471	5	87.74	0.0	0.0	-3.20	0.0	3.55	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	-3.56	-1.60	0.0	0.0	0.0	0.0
472	1	69.97	0.0	0.0	-4.16	0.0	-0.02	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	4.61	-2.08	0.0	0.0	0.0	0.0
472	3	53.82	0.0	0.0	-3.20	0.0	-0.05	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	3.50	-1.60	0.0	0.0	0.0	0.0
472	4	53.82	0.0	0.0	-3.20	0.0	-0.30	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	3.26	-1.60	0.0	0.0	0.0	0.0
472	5	53.82	0.0	0.0	-3.20	0.0	-0.30	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	3.26	-1.60	0.0	0.0	0.0	0.0
473	1	69.97	0.0	0.0	-4.16	0.0	2.31	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-2.31	-2.08	0.0	0.0	0.0	0.0
473	3	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
473	4	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
473	5	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
474	1	69.97	0.0	0.0	-4.16	0.0	202.03	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	206.65	-2.08	0.0	0.0	0.0	0.0
474	2	53.82	0.0	0.0	-3.20	0.0	162.69	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	166.24	-1.60	0.0	0.0	0.0	0.0
474	3	53.82	0.0	0.0	-3.20	0.0	152.23	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	155.78	-1.60	0.0	0.0	0.0	0.0
474	4	53.82	0.0	0.0	-3.20	0.0	131.21	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	134.77	-1.60	0.0	0.0	0.0	0.0
474	5	53.82	0.0	0.0	-3.20	0.0	131.21	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	134.77	-1.60	0.0	0.0	0.0	0.0
475	1	69.97	0.0	0.0	-4.16	0.0	2.31	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-2.32	-2.08	0.0	0.0	0.0	0.0
475	3	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0

475	4	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
475	5	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
476	1	69.97	0.0	0.0	-4.16	0.0	344.56	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	349.18	-2.08	0.0	0.0	0.0	0.0
476	2	53.82	0.0	0.0	-3.20	0.0	277.39	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	280.95	-1.60	0.0	0.0	0.0	0.0
476	3	53.82	0.0	0.0	-3.20	0.0	259.60	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	263.15	-1.60	0.0	0.0	0.0	0.0
476	4	53.82	0.0	0.0	-3.20	0.0	223.95	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	227.51	-1.60	0.0	0.0	0.0	0.0
476	5	53.82	0.0	0.0	-3.20	0.0	223.95	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	227.51	-1.60	0.0	0.0	0.0	0.0
477	1	69.97	0.0	0.0	-4.16	0.0	2.31	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-2.31	-2.08	0.0	0.0	0.0	0.0
477	3	53.82	0.0	0.0	-3.20	0.0	1.78	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
477	4	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
477	5	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
478	1	62.62	0.0	0.0	-4.16	0.0	2.30	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.39	-2.08	0.0	0.0	0.0	0.0
478	3	48.17	0.0	0.0	-3.20	0.0	1.78	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.07	-1.60	0.0	0.0	0.0	0.0
478	4	48.17	0.0	0.0	-3.20	0.0	1.73	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.12	-1.60	0.0	0.0	0.0	0.0
478	5	48.17	0.0	0.0	-3.20	0.0	1.73	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.12	-1.60	0.0	0.0	0.0	0.0
479	1	57.33	0.0	0.0	-3.93	0.0	128.03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	131.73	-1.96	0.0	0.0	0.0	0.0
479	2	44.10	0.0	0.0	-3.02	0.0	101.60	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	104.45	-1.51	0.0	0.0	0.0	0.0
479	3	44.10	0.0	0.0	-3.02	0.0	97.12	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	99.96	-1.51	0.0	0.0	0.0	0.0
479	4	44.10	0.0	0.0	-3.02	0.0	88.09	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	90.94	-1.51	0.0	0.0	0.0	0.0
479	5	44.10	0.0	0.0	-3.02	0.0	88.09	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	90.94	-1.51	0.0	0.0	0.0	0.0
480	1	57.33	0.0	0.0	-3.93	0.0	2.13	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.57	-1.96	0.0	0.0	0.0	0.0
480	3	44.10	0.0	0.0	-3.02	0.0	1.64	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.21	-1.51	0.0	0.0	0.0	0.0
480	4	44.10	0.0	0.0	-3.02	0.0	1.62	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.23	-1.51	0.0	0.0	0.0	0.0
480	5	44.10	0.0	0.0	-3.02	0.0	1.62	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.23	-1.51	0.0	0.0	0.0	0.0
481	1	86.46	0.0	0.0	-5.09	0.0	5.59	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	9.29	-2.54	0.0	0.0	0.0	0.0
481	2	66.51	0.0	0.0	-3.91	0.0	4.59	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	7.44	-1.96	0.0	0.0	0.0	0.0
481	3	66.51	0.0	0.0	-3.91	0.0	4.18	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	7.03	-1.96	0.0	0.0	0.0	0.0
481	4	66.51	0.0	0.0	-3.91	0.0	3.40	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	6.24	-1.96	0.0	0.0	0.0	0.0
481	5	66.51	0.0	0.0	-3.91	0.0	3.40	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	6.24	-1.96	0.0	0.0	0.0	0.0
482	1	69.97	0.0	0.0	-4.16	0.0	32.63	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	37.25	-2.08	0.0	0.0	0.0	0.0
482	2	53.82	0.0	0.0	-3.20	0.0	26.71	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	30.27	-1.60	0.0	0.0	0.0	0.0
482	3	53.82	0.0	0.0	-3.20	0.0	24.40	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	27.96	-1.60	0.0	0.0	0.0	0.0
482	4	53.82	0.0	0.0	-3.20	0.0	19.84	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	23.39	-1.60	0.0	0.0	0.0	0.0
482	5	53.82	0.0	0.0	-3.20	0.0	19.84	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	23.39	-1.60	0.0	0.0	0.0	0.0
483	1	69.97	0.0	0.0	-4.16	0.0	2.36	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-2.27	-2.08	0.0	0.0	0.0	0.0
483	3	53.82	0.0	0.0	-3.20	0.0	1.81	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.75	-1.60	0.0	0.0	0.0	0.0
483	4	53.82	0.0	0.0	-3.20	0.0	1.81	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.75	-1.60	0.0	0.0	0.0	0.0
483	5	53.82	0.0	0.0	-3.20	0.0	1.81	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.75	-1.60	0.0	0.0	0.0	0.0
484	1	114.06	0.0	0.0	-4.16	0.0	16.42	2.08	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	219.3	25.67	-2.08	0.0	0.0	0.0	0.0
484	2	87.74	0.0	0.0	-3.20	0.0	13.59	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	20.70	-1.60	0.0	0.0	0.0	0.0
484	3	87.74	0.0	0.0	-3.20	0.0	12.25	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	19.36	-1.60	0.0	0.0	0.0	0.0
484	4	87.74	0.0	0.0	-3.20	0.0	9.58	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	16.69	-1.60	0.0	0.0	0.0	0.0
484	5	87.74	0.0	0.0	-3.20	0.0	9.58	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	16.69	-1.60	0.0	0.0	0.0	0.0
485	1	114.06	0.0	0.0	-4.16	0.0	4.62	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	-4.63	-2.08	0.0	0.0	0.0	0.0
485	3	87.74	0.0	0.0	-3.20	0.0	3.55	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	-3.56	-1.60	0.0	0.0	0.0	0.0
485	4	87.74	0.0	0.0	-3.20	0.0	3.55	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	-3.56	-1.60	0.0	0.0	0.0	0.0
485	5	87.74	0.0	0.0	-3.20	0.0	3.55	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	-3.56	-1.60	0.0	0.0	0.0	0.0
486	1	62.62	0.0	0.0	-4.16	0.0	1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
486	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
486	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
486	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
487	1	62.62	0.0	0.0	-4.16	0.0	-1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.85	-2.08	0.0	0.0	0.0	0.0
487	3	48.17	0.0	0.0	-3.20	0.0	-1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
487	4	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
487	5	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
488	1	62.62	0.0	0.0	-4.16	0.0	1.84	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
488	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
488	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
488	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
489	1	62.62	0.0	0.0	-4.16	0.0	16.91	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	20.61	-2.08	0.0	0.0	0.0	0.0
489	2	48.17	0.0	0.0	-3.20	0.0	13.74	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	16.58	-1.60	0.0	0.0	0.0	0.0
489	3	48.17	0.0	0.0	-3.20	0.0	12.67	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	15.51	-1.60	0.0	0.0	0.0	0.0
489	4	48.17	0.0	0.0	-3.20	0.0	10.60	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	13.44	-1.60	0.0	0.0	0.0	0.0
489	5	48.17	0.0	0.0	-3.20	0.0	10.60	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	13.44	-1.60	0.0	0.0	0.0	0.0
490	1	62.62	0.0	0.0	-4.16	0.0	1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
490	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
490	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
490	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
491	1	114.06	0.0	0.0	-4.16	0.0	-4.62	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	4.62	-2.08	0.0	0.0	0.0	0.0
491	3	87.74	0.0	0.0	-3.20	0.0	-3.56	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	3.55	-1.60	0.0	0.0	0.0	0.0
491	4	87.74	0.0	0.0	-3.20	0.0	-3.56	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	3.55	-1.60	0.0	0.0	0.0	0.0
491	5	87.74	0.0	0.0	-3.20	0.0	-3.56	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	3.55	-1.60	0.0	0.0	0.0	0.0
492	1	62.62	0.0	0.0	-4.16	0.0	14.74	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	18.43	-2.08	0.0	0.0	0.0	0.0
492	2	48.17	0.0	0.0	-3.20	0.0	11.94	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	14.78	-1.60	0.0	0.0	0.0	0.0
492	3	48.17	0.0	0.0	-3.20	0.0	11.09	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	13.93	-1.60	0.0	0.0	0.0	0.0
492	4	48.17	0.0	0.0	-3.20	0.0	9.18	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	12.02	-1.60	0.0	0.0	0.0	0.0
492	5	48.17	0.0	0.0	-3.20	0.0	9.18	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	12.02	-1.60	0.0	0.0	0.0	0.0

493	1	62.62	0.0	0.0	-4.16	0.0	1.84	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
493	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
493	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
493	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
494	1	62.62	0.0	0.0	-4.16	0.0	34.76	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	38.46	-2.08	0.0	0.0	0.0	0.0
494	2	48.17	0.0	0.0	-3.20	0.0	28.05	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	30.90	-1.60	0.0	0.0	0.0	0.0
494	3	48.17	0.0	0.0	-3.20	0.0	26.03	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	28.88	-1.60	0.0	0.0	0.0	0.0
494	4	48.17	0.0	0.0	-3.20	0.0	22.18	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	25.03	-1.60	0.0	0.0	0.0	0.0
494	5	48.17	0.0	0.0	-3.20	0.0	22.18	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	25.03	-1.60	0.0	0.0	0.0	0.0
495	1	62.62	0.0	0.0	-4.16	0.0	1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
495	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
495	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.42	-1.60	0.0	0.0	0.0	0.0
495	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.42	-1.60	0.0	0.0	0.0	0.0
496	1	114.06	0.0	0.0	-4.16	0.0	-4.63	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	4.62	-2.08	0.0	0.0	0.0	0.0
496	3	87.74	0.0	0.0	-3.20	0.0	-3.56	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	3.55	-1.60	0.0	0.0	0.0	0.0
496	4	87.74	0.0	0.0	-3.20	0.0	-3.56	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	3.55	-1.60	0.0	0.0	0.0	0.0
496	5	87.74	0.0	0.0	-3.20	0.0	-3.56	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	3.55	-1.60	0.0	0.0	0.0	0.0
497	1	114.06	0.0	0.0	-4.16	0.0	4.80	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	-4.45	-2.08	0.0	0.0	0.0	0.0
497	3	87.74	0.0	0.0	-3.20	0.0	3.69	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	-3.43	-1.60	0.0	0.0	0.0	0.0
497	4	87.74	0.0	0.0	-3.20	0.0	3.62	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	-3.50	-1.60	0.0	0.0	0.0	0.0
497	5	87.74	0.0	0.0	-3.20	0.0	3.62	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	-3.50	-1.60	0.0	0.0	0.0	0.0
498	1	114.06	0.0	0.0	-4.16	0.0	-4.63	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	4.62	-2.08	0.0	0.0	0.0	0.0
498	3	87.74	0.0	0.0	-3.20	0.0	-3.56	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	3.55	-1.60	0.0	0.0	0.0	0.0
498	4	87.74	0.0	0.0	-3.20	0.0	-3.56	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	3.55	-1.60	0.0	0.0	0.0	0.0
498	5	87.74	0.0	0.0	-3.20	0.0	-3.56	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	3.55	-1.60	0.0	0.0	0.0	0.0
499	1	114.06	0.0	0.0	-4.16	0.0	5.91	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	-3.34	-2.08	0.0	0.0	0.0	0.0
499	3	87.74	0.0	0.0	-3.20	0.0	4.48	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	-2.64	-1.60	0.0	0.0	0.0	0.0
499	4	87.74	0.0	0.0	-3.20	0.0	4.04	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	-3.07	-1.60	0.0	0.0	0.0	0.0
499	5	87.74	0.0	0.0	-3.20	0.0	4.04	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	-3.07	-1.60	0.0	0.0	0.0	0.0
500	1	59.94	0.0	0.0	-4.16	0.0	1.66	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-1.67	-2.08	0.0	0.0	0.0	0.0
500	3	46.11	0.0	0.0	-3.20	0.0	1.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-1.28	-1.60	0.0	0.0	0.0	0.0
500	4	46.11	0.0	0.0	-3.20	0.0	1.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-1.28	-1.60	0.0	0.0	0.0	0.0
500	5	46.11	0.0	0.0	-3.20	0.0	1.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-1.28	-1.60	0.0	0.0	0.0	0.0
501	1	54.72	0.0	0.0	-3.93	0.0	374.59	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	377.92	-1.96	0.0	0.0	0.0	0.0
501	2	42.09	0.0	0.0	-3.02	0.0	302.65	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	305.21	-1.51	0.0	0.0	0.0	0.0
501	3	42.09	0.0	0.0	-3.02	0.0	281.70	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	284.26	-1.51	0.0	0.0	0.0	0.0
501	4	42.09	0.0	0.0	-3.02	0.0	239.73	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	242.29	-1.51	0.0	0.0	0.0	0.0
501	5	42.09	0.0	0.0	-3.02	0.0	239.73	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	242.29	-1.51	0.0	0.0	0.0	0.0
502	1	54.72	0.0	0.0	-3.93	0.0	1.66	1.96	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	111.4	-1.67	-1.96	0.0	0.0	0.0	0.0
502	3	42.09	0.0	0.0	-3.02	0.0	1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.28	-1.51	0.0	0.0	0.0	0.0
502	4	42.09	0.0	0.0	-3.02	0.0	1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.28	-1.51	0.0	0.0	0.0	0.0
502	5	42.09	0.0	0.0	-3.02	0.0	1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.28	-1.51	0.0	0.0	0.0	0.0
503	1	94.50	0.0	0.0	-5.09	0.0	-2.31	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	2.31	-2.54	0.0	0.0	0.0	0.0
503	3	72.69	0.0	0.0	-3.91	0.0	-1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.78	-1.96	0.0	0.0	0.0	0.0
503	4	72.69	0.0	0.0	-3.91	0.0	-1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.78	-1.96	0.0	0.0	0.0	0.0
503	5	72.69	0.0	0.0	-3.91	0.0	-1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.78	-1.96	0.0	0.0	0.0	0.0
504	1	94.50	0.0	0.0	-5.09	0.0	26.92	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	22.30	-2.54	0.0	0.0	0.0	0.0
504	2	72.69	0.0	0.0	-3.91	0.0	21.54	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	17.98	-1.96	0.0	0.0	0.0	0.0
504	3	72.69	0.0	0.0	-3.91	0.0	20.34	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	16.78	-1.96	0.0	0.0	0.0	0.0
504	4	72.69	0.0	0.0	-3.91	0.0	17.93	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	14.37	-1.96	0.0	0.0	0.0	0.0
504	5	72.69	0.0	0.0	-3.91	0.0	17.93	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	14.37	-1.96	0.0	0.0	0.0	0.0
505	1	94.50	0.0	0.0	-5.09	0.0	-2.31	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	2.31	-2.54	0.0	0.0	0.0	0.0
505	3	72.69	0.0	0.0	-3.91	0.0	-1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.78	-1.96	0.0	0.0	0.0	0.0
505	4	72.69	0.0	0.0	-3.91	0.0	-1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.78	-1.96	0.0	0.0	0.0	0.0
505	5	72.69	0.0	0.0	-3.91	0.0	-1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.78	-1.96	0.0	0.0	0.0	0.0
506	1	94.50	0.0	0.0	-5.09	0.0	16.71	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	12.09	-2.54	0.0	0.0	0.0	0.0
506	2	72.69	0.0	0.0	-3.91	0.0	13.34	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	9.78	-1.96	0.0	0.0	0.0	0.0
506	3	72.69	0.0	0.0	-3.91	0.0	12.64	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	9.08	-1.96	0.0	0.0	0.0	0.0
506	4	72.69	0.0	0.0	-3.91	0.0	11.23	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	7.67	-1.96	0.0	0.0	0.0	0.0
506	5	72.69	0.0	0.0	-3.91	0.0	11.23	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	7.67	-1.96	0.0	0.0	0.0	0.0
507	1	54.72	0.0	0.0	-3.93	0.0	532.94	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	536.27	-1.96	0.0	0.0	0.0	0.0
507	2	42.09	0.0	0.0	-3.02	0.0	430.88	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	433.44	-1.51	0.0	0.0	0.0	0.0
507	3	42.09	0.0	0.0	-3.02	0.0	400.52	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	403.08	-1.51	0.0	0.0	0.0	0.0
507	4	42.09	0.0	0.0	-3.02	0.0	339.57	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	342.13	-1.51	0.0	0.0	0.0	0.0
507	5	42.09	0.0	0.0	-3.02	0.0	339.57	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	342.13	-1.51	0.0	0.0	0.0	0.0
508	1	54.72	0.0	0.0	-3.93	0.0	1.66	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.67	-1.96	0.0	0.0	0.0	0.0
508	3	42.09	0.0	0.0	-3.02	0.0	1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.28	-1.51	0.0	0.0	0.0	0.0
508	4	42.09	0.0	0.0	-3.02	0.0	1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.28	-1.51	0.0	0.0	0.0	0.0
508	5	42.09	0.0	0.0	-3.02	0.0	1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.28	-1.51	0.0	0.0	0.0	0.0
509	1	94.50	0.0	0.0	-5.09	0.0	2.31	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-2.31	-2.54	0.0	0.0	0.0	0.0
509	3	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
509	4	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
509	5	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
510	1	94.50	0.0	0.0	-5.09	0.0	30.43	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	35.06	-2.54	0.0	0.0	0.0	0.0
510	2	72.69	0.0	0.0	-3.91	0.0	24.59	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	28.15	-1.96	0.0	0.0	0.0	0.0
510	3	72.69	0.0	0.0	-3.91	0.0	22.88	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	26.44	-1.96	0.0	0.0	0.0	0.0
510	4	72.69	0.0	0.0	-3.91	0.0	19.46	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	23.01	-1.96	0.0	0.0	0.0	0.0

510	5	72.69	0.0	0.0	-3.91	0.0	19.46	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	23.01	-1.96	0.0	0.0	0.0	0.0
511	1	57.33	0.0	0.0	-3.93	0.0	616.26	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	612.57	-1.96	0.0	0.0	0.0	0.0
511	2	44.10	0.0	0.0	-3.02	0.0	498.08	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	495.24	-1.51	0.0	0.0	0.0	0.0
511	3	44.10	0.0	0.0	-3.02	0.0	463.46	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	460.62	-1.51	0.0	0.0	0.0	0.0
511	4	44.10	0.0	0.0	-3.02	0.0	394.04	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	391.20	-1.51	0.0	0.0	0.0	0.0
511	5	44.10	0.0	0.0	-3.02	0.0	394.04	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	391.20	-1.51	0.0	0.0	0.0	0.0
512	1	57.33	0.0	0.0	-3.93	0.0	-1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.85	-1.96	0.0	0.0	0.0	0.0
512	3	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
512	4	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
512	5	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
513	1	62.62	0.0	0.0	-4.16	0.0	-1.55	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	2.15	-2.08	0.0	0.0	0.0	0.0
513	3	48.17	0.0	0.0	-3.20	0.0	-1.21	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.64	-1.60	0.0	0.0	0.0	0.0
513	4	48.17	0.0	0.0	-3.20	0.0	-1.22	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.63	-1.60	0.0	0.0	0.0	0.0
513	5	48.17	0.0	0.0	-3.20	0.0	-1.22	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.63	-1.60	0.0	0.0	0.0	0.0
514	1	62.62	0.0	0.0	-4.16	0.0	1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
514	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
514	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
514	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
515	1	57.33	0.0	0.0	-3.93	0.0	614.06	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	617.75	-1.96	0.0	0.0	0.0	0.0
515	2	44.10	0.0	0.0	-3.02	0.0	496.45	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	499.29	-1.51	0.0	0.0	0.0	0.0
515	3	44.10	0.0	0.0	-3.02	0.0	461.59	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	464.44	-1.51	0.0	0.0	0.0	0.0
515	4	44.10	0.0	0.0	-3.02	0.0	391.99	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	394.83	-1.51	0.0	0.0	0.0	0.0
515	5	44.10	0.0	0.0	-3.02	0.0	391.99	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	394.83	-1.51	0.0	0.0	0.0	0.0
516	1	57.33	0.0	0.0	-3.93	0.0	1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.85	-1.96	0.0	0.0	0.0	0.0
516	3	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.42	-1.51	0.0	0.0	0.0	0.0
516	4	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
516	5	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
517	1	54.72	0.0	0.0	-3.93	0.0	-1.67	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.66	-1.96	0.0	0.0	0.0	0.0
517	3	42.09	0.0	0.0	-3.02	0.0	-1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.28	-1.51	0.0	0.0	0.0	0.0
517	4	42.09	0.0	0.0	-3.02	0.0	-1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.28	-1.51	0.0	0.0	0.0	0.0
517	5	42.09	0.0	0.0	-3.02	0.0	-1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.28	-1.51	0.0	0.0	0.0	0.0
518	1	54.72	0.0	0.0	-3.93	0.0	460.67	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	457.34	-1.96	0.0	0.0	0.0	0.0
518	2	42.09	0.0	0.0	-3.02	0.0	371.93	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	369.37	-1.51	0.0	0.0	0.0	0.0
518	3	42.09	0.0	0.0	-3.02	0.0	346.55	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	343.99	-1.51	0.0	0.0	0.0	0.0
518	4	42.09	0.0	0.0	-3.02	0.0	295.86	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	293.30	-1.51	0.0	0.0	0.0	0.0
518	5	42.09	0.0	0.0	-3.02	0.0	295.86	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	293.30	-1.51	0.0	0.0	0.0	0.0
519	1	59.94	0.0	0.0	-4.16	0.0	-1.13	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	2.20	-2.08	0.0	0.0	0.0	0.0
519	3	46.11	0.0	0.0	-3.20	0.0	-0.89	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	1.67	-1.60	0.0	0.0	0.0	0.0
519	4	46.11	0.0	0.0	-3.20	0.0	-0.89	1.60	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	115.3	1.67	-1.60	0.0	0.0	0.0	0.0
519	5	46.11	0.0	0.0	-3.20	0.0	-0.89	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	1.67	-1.60	0.0	0.0	0.0	0.0
520	1	59.94	0.0	0.0	-4.16	0.0	1.66	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-1.67	-2.08	0.0	0.0	0.0	0.0
520	3	46.11	0.0	0.0	-3.20	0.0	1.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-1.28	-1.60	0.0	0.0	0.0	0.0
520	4	46.11	0.0	0.0	-3.20	0.0	1.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-1.28	-1.60	0.0	0.0	0.0	0.0
520	5	46.11	0.0	0.0	-3.20	0.0	1.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-1.28	-1.60	0.0	0.0	0.0	0.0
521	1	54.72	0.0	0.0	-3.93	0.0	459.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	462.76	-1.96	0.0	0.0	0.0	0.0
521	2	42.09	0.0	0.0	-3.02	0.0	371.01	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	373.57	-1.51	0.0	0.0	0.0	0.0
521	3	42.09	0.0	0.0	-3.02	0.0	345.56	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	348.12	-1.51	0.0	0.0	0.0	0.0
521	4	42.09	0.0	0.0	-3.02	0.0	294.58	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	297.14	-1.51	0.0	0.0	0.0	0.0
521	5	42.09	0.0	0.0	-3.02	0.0	294.58	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	297.14	-1.51	0.0	0.0	0.0	0.0
522	1	54.72	0.0	0.0	-3.93	0.0	1.66	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.67	-1.96	0.0	0.0	0.0	0.0
522	3	42.09	0.0	0.0	-3.02	0.0	1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.28	-1.51	0.0	0.0	0.0	0.0
522	4	42.09	0.0	0.0	-3.02	0.0	1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.28	-1.51	0.0	0.0	0.0	0.0
522	5	42.09	0.0	0.0	-3.02	0.0	1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.28	-1.51	0.0	0.0	0.0	0.0
523	1	57.33	0.0	0.0	-3.93	0.0	-1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.84	-1.96	0.0	0.0	0.0	0.0
523	3	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
523	4	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
523	5	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
524	1	57.33	0.0	0.0	-3.93	0.0	589.32	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	585.62	-1.96	0.0	0.0	0.0	0.0
524	2	44.10	0.0	0.0	-3.02	0.0	477.25	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	474.40	-1.51	0.0	0.0	0.0	0.0
524	3	44.10	0.0	0.0	-3.02	0.0	442.65	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	439.81	-1.51	0.0	0.0	0.0	0.0
524	4	44.10	0.0	0.0	-3.02	0.0	373.58	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	370.73	-1.51	0.0	0.0	0.0	0.0
524	5	44.10	0.0	0.0	-3.02	0.0	373.58	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	370.73	-1.51	0.0	0.0	0.0	0.0
525	1	62.62	0.0	0.0	-4.16	0.0	-1.82	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.88	-2.08	0.0	0.0	0.0	0.0
525	3	48.17	0.0	0.0	-3.20	0.0	-1.40	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.45	-1.60	0.0	0.0	0.0	0.0
525	4	48.17	0.0	0.0	-3.20	0.0	-1.41	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.44	-1.60	0.0	0.0	0.0	0.0
525	5	48.17	0.0	0.0	-3.20	0.0	-1.41	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.44	-1.60	0.0	0.0	0.0	0.0
526	1	62.62	0.0	0.0	-4.16	0.0	1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
526	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.42	-1.60	0.0	0.0	0.0	0.0
526	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
526	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
527	1	57.33	0.0	0.0	-3.93	0.0	588.52	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	592.22	-1.96	0.0	0.0	0.0	0.0
527	2	44.10	0.0	0.0	-3.02	0.0	476.68	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	479.52	-1.51	0.0	0.0	0.0	0.0
527	3	44.10	0.0	0.0	-3.02	0.0	442.10	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	444.95	-1.51	0.0	0.0	0.0	0.0
527	4	44.10	0.0	0.0	-3.02	0.0	373.00	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	375.84	-1.51	0.0	0.0	0.0	0.0
527	5	44.10	0.0	0.0	-3.02	0.0	373.00	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	375.84	-1.51	0.0	0.0	0.0	0.0
528	1	57.33	0.0	0.0	-3.93	0.0	1.84	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.85	-1.96	0.0	0.0	0.0	0.0
528	3	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.42	-1.51	0.0	0.0	0.0	0.0

528	4	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
528	5	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
529	1	54.72	0.0	0.0	-3.93	0.0	-1.67	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.66	-1.96	0.0	0.0	0.0	0.0
529	3	42.09	0.0	0.0	-3.02	0.0	-1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.28	-1.51	0.0	0.0	0.0	0.0
529	4	42.09	0.0	0.0	-3.02	0.0	-1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.28	-1.51	0.0	0.0	0.0	0.0
529	5	42.09	0.0	0.0	-3.02	0.0	-1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.28	-1.51	0.0	0.0	0.0	0.0
530	1	54.72	0.0	0.0	-3.93	0.0	434.05	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	430.72	-1.96	0.0	0.0	0.0	0.0
530	2	42.09	0.0	0.0	-3.02	0.0	350.76	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	348.20	-1.51	0.0	0.0	0.0	0.0
530	3	42.09	0.0	0.0	-3.02	0.0	326.40	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	323.84	-1.51	0.0	0.0	0.0	0.0
530	4	42.09	0.0	0.0	-3.02	0.0	277.90	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	275.34	-1.51	0.0	0.0	0.0	0.0
530	5	42.09	0.0	0.0	-3.02	0.0	277.90	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	275.34	-1.51	0.0	0.0	0.0	0.0
531	1	59.94	0.0	0.0	-4.16	0.0	-1.24	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	2.09	-2.08	0.0	0.0	0.0	0.0
531	3	46.11	0.0	0.0	-3.20	0.0	-1.00	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	1.56	-1.60	0.0	0.0	0.0	0.0
531	4	46.11	0.0	0.0	-3.20	0.0	-1.05	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	1.51	-1.60	0.0	0.0	0.0	0.0
531	5	46.11	0.0	0.0	-3.20	0.0	-1.05	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	1.51	-1.60	0.0	0.0	0.0	0.0
532	1	59.94	0.0	0.0	-4.16	0.0	1.66	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-1.67	-2.08	0.0	0.0	0.0	0.0
532	3	46.11	0.0	0.0	-3.20	0.0	1.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-1.28	-1.60	0.0	0.0	0.0	0.0
532	4	46.11	0.0	0.0	-3.20	0.0	1.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-1.28	-1.60	0.0	0.0	0.0	0.0
532	5	46.11	0.0	0.0	-3.20	0.0	1.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-1.28	-1.60	0.0	0.0	0.0	0.0
533	1	54.72	0.0	0.0	-3.93	0.0	430.66	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	433.99	-1.96	0.0	0.0	0.0	0.0
533	2	42.09	0.0	0.0	-3.02	0.0	348.03	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	350.59	-1.51	0.0	0.0	0.0	0.0
533	3	42.09	0.0	0.0	-3.02	0.0	323.81	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	326.37	-1.51	0.0	0.0	0.0	0.0
533	4	42.09	0.0	0.0	-3.02	0.0	275.30	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	277.86	-1.51	0.0	0.0	0.0	0.0
533	5	42.09	0.0	0.0	-3.02	0.0	275.30	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	277.86	-1.51	0.0	0.0	0.0	0.0
534	1	54.72	0.0	0.0	-3.93	0.0	1.66	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.67	-1.96	0.0	0.0	0.0	0.0
534	3	42.09	0.0	0.0	-3.02	0.0	1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.28	-1.51	0.0	0.0	0.0	0.0
534	4	42.09	0.0	0.0	-3.02	0.0	1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.28	-1.51	0.0	0.0	0.0	0.0
534	5	42.09	0.0	0.0	-3.02	0.0	1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.28	-1.51	0.0	0.0	0.0	0.0
535	1	53.47	0.0	0.0	-3.93	0.0	604.40	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	601.26	-1.96	0.0	0.0	0.0	0.0
535	2	41.13	0.0	0.0	-3.02	0.0	488.44	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	486.02	-1.51	0.0	0.0	0.0	0.0
535	3	41.13	0.0	0.0	-3.02	0.0	454.47	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	452.06	-1.51	0.0	0.0	0.0	0.0
535	4	41.13	0.0	0.0	-3.02	0.0	386.46	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	384.05	-1.51	0.0	0.0	0.0	0.0
535	5	41.13	0.0	0.0	-3.02	0.0	386.46	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	384.05	-1.51	0.0	0.0	0.0	0.0
536	1	53.47	0.0	0.0	-3.93	0.0	-1.58	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	1.57	-1.96	0.0	0.0	0.0	0.0
536	3	41.13	0.0	0.0	-3.02	0.0	-1.21	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	1.21	-1.51	0.0	0.0	0.0	0.0
536	4	41.13	0.0	0.0	-3.02	0.0	-1.21	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	1.20	-1.51	0.0	0.0	0.0	0.0
536	5	41.13	0.0	0.0	-3.02	0.0	-1.21	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	1.20	-1.51	0.0	0.0	0.0	0.0
537	1	58.66	0.0	0.0	-4.16	0.0	-1.58	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	1.57	-2.08	0.0	0.0	0.0	0.0
537	3	45.13	0.0	0.0	-3.20	0.0	-1.21	1.60	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	112.8	1.20	-1.60	0.0	0.0	0.0	0.0
537	4	45.13	0.0	0.0	-3.20	0.0	-1.21	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	1.20	-1.60	0.0	0.0	0.0	0.0
537	5	45.13	0.0	0.0	-3.20	0.0	-1.21	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	1.20	-1.60	0.0	0.0	0.0	0.0
538	1	58.66	0.0	0.0	-4.16	0.0	1.66	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	-1.48	-2.08	0.0	0.0	0.0	0.0
538	3	45.13	0.0	0.0	-3.20	0.0	1.27	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	-1.14	-1.60	0.0	0.0	0.0	0.0
538	4	45.13	0.0	0.0	-3.20	0.0	1.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	-1.14	-1.60	0.0	0.0	0.0	0.0
538	5	45.13	0.0	0.0	-3.20	0.0	1.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	-1.14	-1.60	0.0	0.0	0.0	0.0
539	1	53.47	0.0	0.0	-3.93	0.0	601.94	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	605.08	-1.96	0.0	0.0	0.0	0.0
539	2	41.13	0.0	0.0	-3.02	0.0	486.64	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	489.06	-1.51	0.0	0.0	0.0	0.0
539	3	41.13	0.0	0.0	-3.02	0.0	452.54	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	454.96	-1.51	0.0	0.0	0.0	0.0
539	4	41.13	0.0	0.0	-3.02	0.0	384.46	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	386.87	-1.51	0.0	0.0	0.0	0.0
539	5	41.13	0.0	0.0	-3.02	0.0	384.46	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	386.87	-1.51	0.0	0.0	0.0	0.0
540	1	53.47	0.0	0.0	-3.93	0.0	1.57	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	-1.58	-1.96	0.0	0.0	0.0	0.0
540	3	41.13	0.0	0.0	-3.02	0.0	1.21	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	-1.21	-1.51	0.0	0.0	0.0	0.0
540	4	41.13	0.0	0.0	-3.02	0.0	1.20	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	-1.21	-1.51	0.0	0.0	0.0	0.0
540	5	41.13	0.0	0.0	-3.02	0.0	1.20	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	-1.21	-1.51	0.0	0.0	0.0	0.0
541	1	86.46	0.0	0.0	-5.09	0.0	-1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.85	-2.54	0.0	0.0	0.0	0.0
541	3	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
541	4	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
541	5	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
542	1	86.46	0.0	0.0	-5.09	0.0	160.79	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	157.09	-2.54	0.0	0.0	0.0	0.0
542	2	66.51	0.0	0.0	-3.91	0.0	129.90	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	127.05	-1.96	0.0	0.0	0.0	0.0
542	3	66.51	0.0	0.0	-3.91	0.0	120.93	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	118.08	-1.96	0.0	0.0	0.0	0.0
542	4	66.51	0.0	0.0	-3.91	0.0	102.94	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	100.09	-1.96	0.0	0.0	0.0	0.0
542	5	66.51	0.0	0.0	-3.91	0.0	102.94	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	100.09	-1.96	0.0	0.0	0.0	0.0
543	1	57.33	0.0	0.0	-3.93	0.0	-1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.85	-1.96	0.0	0.0	0.0	0.0
543	3	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
543	4	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
543	5	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
544	1	57.33	0.0	0.0	-3.93	0.0	47.81	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	44.12	-1.96	0.0	0.0	0.0	0.0
544	2	44.10	0.0	0.0	-3.02	0.0	36.76	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	33.91	-1.51	0.0	0.0	0.0	0.0
544	3	44.10	0.0	0.0	-3.02	0.0	36.79	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	33.94	-1.51	0.0	0.0	0.0	0.0
544	4	44.10	0.0	0.0	-3.02	0.0	36.88	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	34.04	-1.51	0.0	0.0	0.0	0.0
544	5	44.10	0.0	0.0	-3.02	0.0	36.88	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	34.04	-1.51	0.0	0.0	0.0	0.0
545	1	62.62	0.0	0.0	-4.16	0.0	-1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.85	-2.08	0.0	0.0	0.0	0.0
545	3	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
545	4	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
545	5	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
546	1	62.62	0.0	0.0	-4.16	0.0	2.39	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.31	-2.08	0.0	0.0	0.0	0.0

546	3	48.17	0.0	0.0	-3.20	0.0	1.84	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.01	-1.60	0.0	0.0	0.0	0.0
546	4	48.17	0.0	0.0	-3.20	0.0	1.86	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-0.99	-1.60	0.0	0.0	0.0	0.0
546	5	48.17	0.0	0.0	-3.20	0.0	1.86	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-0.99	-1.60	0.0	0.0	0.0	0.0
547	1	57.33	0.0	0.0	-3.93	0.0	43.06	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	46.76	-1.96	0.0	0.0	0.0	0.0
547	2	44.10	0.0	0.0	-3.02	0.0	33.11	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	35.95	-1.51	0.0	0.0	0.0	0.0
547	3	44.10	0.0	0.0	-3.02	0.0	33.14	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	35.98	-1.51	0.0	0.0	0.0	0.0
547	4	44.10	0.0	0.0	-3.02	0.0	33.17	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	36.02	-1.51	0.0	0.0	0.0	0.0
547	5	44.10	0.0	0.0	-3.02	0.0	33.17	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	36.02	-1.51	0.0	0.0	0.0	0.0
548	1	57.33	0.0	0.0	-3.93	0.0	1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.85	-1.96	0.0	0.0	0.0	0.0
548	3	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
548	4	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
548	5	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
549	1	86.46	0.0	0.0	-5.09	0.0	158.89	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	162.59	-2.54	0.0	0.0	0.0	0.0
549	2	66.51	0.0	0.0	-3.91	0.0	128.45	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	131.29	-1.96	0.0	0.0	0.0	0.0
549	3	66.51	0.0	0.0	-3.91	0.0	119.45	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	122.30	-1.96	0.0	0.0	0.0	0.0
549	4	66.51	0.0	0.0	-3.91	0.0	101.50	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	104.35	-1.96	0.0	0.0	0.0	0.0
549	5	66.51	0.0	0.0	-3.91	0.0	101.50	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	104.35	-1.96	0.0	0.0	0.0	0.0
550	1	86.46	0.0	0.0	-5.09	0.0	1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.85	-2.54	0.0	0.0	0.0	0.0
550	3	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
550	4	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
550	5	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
551	1	86.46	0.0	0.0	-5.09	0.0	-1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.85	-2.54	0.0	0.0	0.0	0.0
551	3	66.51	0.0	0.0	-3.91	0.0	-1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
551	4	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
551	5	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
552	1	86.46	0.0	0.0	-5.09	0.0	457.65	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	453.95	-2.54	0.0	0.0	0.0	0.0
552	2	66.51	0.0	0.0	-3.91	0.0	369.30	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	366.45	-1.96	0.0	0.0	0.0	0.0
552	3	66.51	0.0	0.0	-3.91	0.0	344.37	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	341.52	-1.96	0.0	0.0	0.0	0.0
552	4	66.51	0.0	0.0	-3.91	0.0	294.65	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	291.80	-1.96	0.0	0.0	0.0	0.0
552	5	66.51	0.0	0.0	-3.91	0.0	294.65	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	291.80	-1.96	0.0	0.0	0.0	0.0
553	1	57.33	0.0	0.0	-3.93	0.0	-1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.85	-1.96	0.0	0.0	0.0	0.0
553	3	44.10	0.0	0.0	-3.02	0.0	-1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
553	4	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
553	5	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
554	1	57.33	0.0	0.0	-3.93	0.0	910.53	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	906.83	-1.96	0.0	0.0	0.0	0.0
554	2	44.10	0.0	0.0	-3.02	0.0	736.93	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	734.09	-1.51	0.0	0.0	0.0	0.0
554	3	44.10	0.0	0.0	-3.02	0.0	684.24	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	681.40	-1.51	0.0	0.0	0.0	0.0
554	4	44.10	0.0	0.0	-3.02	0.0	578.79	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	575.95	-1.51	0.0	0.0	0.0	0.0
554	5	44.10	0.0	0.0	-3.02	0.0	578.79	1.51	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	116.7	575.95	-1.51	0.0	0.0	0.0	0.0
555	1	62.62	0.0	0.0	-4.16	0.0	-1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.85	-2.08	0.0	0.0	0.0	0.0
555	3	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
555	4	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
555	5	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
556	1	62.62	0.0	0.0	-4.16	0.0	2.94	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-0.76	-2.08	0.0	0.0	0.0	0.0
556	3	48.17	0.0	0.0	-3.20	0.0	2.20	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-0.65	-1.60	0.0	0.0	0.0	0.0
556	4	48.17	0.0	0.0	-3.20	0.0	2.02	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-0.83	-1.60	0.0	0.0	0.0	0.0
556	5	48.17	0.0	0.0	-3.20	0.0	2.02	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-0.83	-1.60	0.0	0.0	0.0	0.0
557	1	57.33	0.0	0.0	-3.93	0.0	903.73	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	907.43	-1.96	0.0	0.0	0.0	0.0
557	2	44.10	0.0	0.0	-3.02	0.0	731.60	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	734.44	-1.51	0.0	0.0	0.0	0.0
557	3	44.10	0.0	0.0	-3.02	0.0	678.91	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	681.76	-1.51	0.0	0.0	0.0	0.0
557	4	44.10	0.0	0.0	-3.02	0.0	573.76	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	576.61	-1.51	0.0	0.0	0.0	0.0
557	5	44.10	0.0	0.0	-3.02	0.0	573.76	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	576.61	-1.51	0.0	0.0	0.0	0.0
558	1	57.33	0.0	0.0	-3.93	0.0	1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.85	-1.96	0.0	0.0	0.0	0.0
558	3	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
558	4	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
558	5	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
559	1	86.46	0.0	0.0	-5.09	0.0	457.57	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	461.27	-2.54	0.0	0.0	0.0	0.0
559	2	66.51	0.0	0.0	-3.91	0.0	369.26	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	372.10	-1.96	0.0	0.0	0.0	0.0
559	3	66.51	0.0	0.0	-3.91	0.0	344.35	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	347.20	-1.96	0.0	0.0	0.0	0.0
559	4	66.51	0.0	0.0	-3.91	0.0	294.23	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	297.08	-1.96	0.0	0.0	0.0	0.0
559	5	66.51	0.0	0.0	-3.91	0.0	294.23	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	297.08	-1.96	0.0	0.0	0.0	0.0
560	1	86.46	0.0	0.0	-5.09	0.0	1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.85	-2.54	0.0	0.0	0.0	0.0
560	3	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
560	4	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
560	5	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
561	1	54.72	0.0	0.0	-3.93	0.0	-1.67	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.66	-1.96	0.0	0.0	0.0	0.0
561	3	42.09	0.0	0.0	-3.02	0.0	-1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.28	-1.51	0.0	0.0	0.0	0.0
561	4	42.09	0.0	0.0	-3.02	0.0	-1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.28	-1.51	0.0	0.0	0.0	0.0
561	5	42.09	0.0	0.0	-3.02	0.0	-1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.28	-1.51	0.0	0.0	0.0	0.0
562	1	54.72	0.0	0.0	-3.93	0.0	641.97	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	638.64	-1.96	0.0	0.0	0.0	0.0
562	2	42.09	0.0	0.0	-3.02	0.0	519.16	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	516.60	-1.51	0.0	0.0	0.0	0.0
562	3	42.09	0.0	0.0	-3.02	0.0	482.57	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	480.01	-1.51	0.0	0.0	0.0	0.0
562	4	42.09	0.0	0.0	-3.02	0.0	409.32	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	406.76	-1.51	0.0	0.0	0.0	0.0
562	5	42.09	0.0	0.0	-3.02	0.0	409.32	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	406.76	-1.51	0.0	0.0	0.0	0.0
563	1	59.94	0.0	0.0	-4.16	0.0	-1.67	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	1.66	-2.08	0.0	0.0	0.0	0.0
563	3	46.11	0.0	0.0	-3.20	0.0	-1.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	1.28	-1.60	0.0	0.0	0.0	0.0
563	4	46.11	0.0	0.0	-3.20	0.0	-1.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	1.28	-1.60	0.0	0.0	0.0	0.0

563	5	46.11	0.0	0.0	-3.20	0.0	-1.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	1.28	-1.60	0.0	0.0	0.0	0.0
564	1	57.33	0.0	0.0	-3.93	0.0	-1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.85	-1.96	0.0	0.0	0.0	0.0
564	3	44.10	0.0	0.0	-3.02	0.0	-1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
564	4	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
564	5	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
565	1	57.33	0.0	0.0	-3.93	0.0	934.25	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	930.55	-1.96	0.0	0.0	0.0	0.0
565	2	44.10	0.0	0.0	-3.02	0.0	756.01	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	753.17	-1.51	0.0	0.0	0.0	0.0
565	3	44.10	0.0	0.0	-3.02	0.0	701.95	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	699.11	-1.51	0.0	0.0	0.0	0.0
565	4	44.10	0.0	0.0	-3.02	0.0	593.73	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	590.88	-1.51	0.0	0.0	0.0	0.0
565	5	44.10	0.0	0.0	-3.02	0.0	593.73	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	590.88	-1.51	0.0	0.0	0.0	0.0
566	1	62.62	0.0	0.0	-4.16	0.0	-1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.85	-2.08	0.0	0.0	0.0	0.0
566	3	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
566	4	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
566	5	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
567	1	62.62	0.0	0.0	-4.16	0.0	2.92	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-0.78	-2.08	0.0	0.0	0.0	0.0
567	3	48.17	0.0	0.0	-3.20	0.0	2.13	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-0.72	-1.60	0.0	0.0	0.0	0.0
567	4	48.17	0.0	0.0	-3.20	0.0	1.99	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-0.86	-1.60	0.0	0.0	0.0	0.0
567	5	48.17	0.0	0.0	-3.20	0.0	1.99	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-0.86	-1.60	0.0	0.0	0.0	0.0
568	1	57.33	0.0	0.0	-3.93	0.0	930.01	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	933.71	-1.96	0.0	0.0	0.0	0.0
568	2	44.10	0.0	0.0	-3.02	0.0	752.82	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	755.66	-1.51	0.0	0.0	0.0	0.0
568	3	44.10	0.0	0.0	-3.02	0.0	698.64	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	701.49	-1.51	0.0	0.0	0.0	0.0
568	4	44.10	0.0	0.0	-3.02	0.0	590.50	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	593.34	-1.51	0.0	0.0	0.0	0.0
568	5	44.10	0.0	0.0	-3.02	0.0	590.50	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	593.34	-1.51	0.0	0.0	0.0	0.0
569	1	57.33	0.0	0.0	-3.93	0.0	1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.85	-1.96	0.0	0.0	0.0	0.0
569	3	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
569	4	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
569	5	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
570	1	54.72	0.0	0.0	-3.93	0.0	-1.67	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.66	-1.96	0.0	0.0	0.0	0.0
570	3	42.09	0.0	0.0	-3.02	0.0	-1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.28	-1.51	0.0	0.0	0.0	0.0
570	4	42.09	0.0	0.0	-3.02	0.0	-1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.28	-1.51	0.0	0.0	0.0	0.0
570	5	42.09	0.0	0.0	-3.02	0.0	-1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.28	-1.51	0.0	0.0	0.0	0.0
571	1	54.72	0.0	0.0	-3.93	0.0	659.91	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	656.58	-1.96	0.0	0.0	0.0	0.0
571	2	42.09	0.0	0.0	-3.02	0.0	533.73	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	531.17	-1.51	0.0	0.0	0.0	0.0
571	3	42.09	0.0	0.0	-3.02	0.0	496.10	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	493.54	-1.51	0.0	0.0	0.0	0.0
571	4	42.09	0.0	0.0	-3.02	0.0	420.75	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	418.19	-1.51	0.0	0.0	0.0	0.0
571	5	42.09	0.0	0.0	-3.02	0.0	420.75	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	418.19	-1.51	0.0	0.0	0.0	0.0
572	1	59.94	0.0	0.0	-4.16	0.0	-1.67	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	1.66	-2.08	0.0	0.0	0.0	0.0
572	3	46.11	0.0	0.0	-3.20	0.0	-1.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	1.28	-1.60	0.0	0.0	0.0	0.0
572	4	46.11	0.0	0.0	-3.20	0.0	-1.28	1.60	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	115.3	1.28	-1.60	0.0	0.0	0.0	0.0
572	5	46.11	0.0	0.0	-3.20	0.0	-1.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	1.28	-1.60	0.0	0.0	0.0	0.0
573	1	59.94	0.0	0.0	-4.16	0.0	2.62	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-0.71	-2.08	0.0	0.0	0.0	0.0
573	3	46.11	0.0	0.0	-3.20	0.0	1.92	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-0.64	-1.60	0.0	0.0	0.0	0.0
573	4	46.11	0.0	0.0	-3.20	0.0	1.85	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-0.71	-1.60	0.0	0.0	0.0	0.0
573	5	46.11	0.0	0.0	-3.20	0.0	1.85	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-0.71	-1.60	0.0	0.0	0.0	0.0
574	1	54.72	0.0	0.0	-3.93	0.0	658.83	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	662.15	-1.96	0.0	0.0	0.0	0.0
574	2	42.09	0.0	0.0	-3.02	0.0	532.93	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	535.49	-1.51	0.0	0.0	0.0	0.0
574	3	42.09	0.0	0.0	-3.02	0.0	495.17	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	497.73	-1.51	0.0	0.0	0.0	0.0
574	4	42.09	0.0	0.0	-3.02	0.0	419.68	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	422.24	-1.51	0.0	0.0	0.0	0.0
574	5	42.09	0.0	0.0	-3.02	0.0	419.68	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	422.24	-1.51	0.0	0.0	0.0	0.0
575	1	54.72	0.0	0.0	-3.93	0.0	1.66	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.67	-1.96	0.0	0.0	0.0	0.0
575	3	42.09	0.0	0.0	-3.02	0.0	1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.28	-1.51	0.0	0.0	0.0	0.0
575	4	42.09	0.0	0.0	-3.02	0.0	1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.28	-1.51	0.0	0.0	0.0	0.0
575	5	42.09	0.0	0.0	-3.02	0.0	1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.28	-1.51	0.0	0.0	0.0	0.0
576	1	57.33	0.0	0.0	-3.93	0.0	-1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.84	-1.96	0.0	0.0	0.0	0.0
576	3	44.10	0.0	0.0	-3.02	0.0	-1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
576	4	44.10	0.0	0.0	-3.02	0.0	-1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
576	5	44.10	0.0	0.0	-3.02	0.0	-1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
577	1	57.33	0.0	0.0	-3.93	0.0	710.35	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	706.65	-1.96	0.0	0.0	0.0	0.0
577	2	44.10	0.0	0.0	-3.02	0.0	575.77	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	572.93	-1.51	0.0	0.0	0.0	0.0
577	3	44.10	0.0	0.0	-3.02	0.0	533.96	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	531.11	-1.51	0.0	0.0	0.0	0.0
577	4	44.10	0.0	0.0	-3.02	0.0	450.02	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	447.17	-1.51	0.0	0.0	0.0	0.0
577	5	44.10	0.0	0.0	-3.02	0.0	450.02	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	447.17	-1.51	0.0	0.0	0.0	0.0
578	1	62.62	0.0	0.0	-4.16	0.0	-1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.85	-2.08	0.0	0.0	0.0	0.0
578	3	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
578	4	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
578	5	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
579	1	62.62	0.0	0.0	-4.16	0.0	1.94	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.75	-2.08	0.0	0.0	0.0	0.0
579	3	48.17	0.0	0.0	-3.20	0.0	1.47	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.38	-1.60	0.0	0.0	0.0	0.0
579	4	48.17	0.0	0.0	-3.20	0.0	1.48	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.36	-1.60	0.0	0.0	0.0	0.0
579	5	48.17	0.0	0.0	-3.20	0.0	1.48	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.36	-1.60	0.0	0.0	0.0	0.0
580	1	57.33	0.0	0.0	-3.93	0.0	707.73	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	711.42	-1.96	0.0	0.0	0.0	0.0
580	2	44.10	0.0	0.0	-3.02	0.0	573.37	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	576.22	-1.51	0.0	0.0	0.0	0.0
580	3	44.10	0.0	0.0	-3.02	0.0	531.50	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	534.34	-1.51	0.0	0.0	0.0	0.0
580	4	44.10	0.0	0.0	-3.02	0.0	448.14	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	450.99	-1.51	0.0	0.0	0.0	0.0
580	5	44.10	0.0	0.0	-3.02	0.0	448.14	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	450.99	-1.51	0.0	0.0	0.0	0.0
581	1	57.33	0.0	0.0	-3.93	0.0	1.84	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.85	-1.96	0.0	0.0	0.0	0.0
581	3	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.42	-1.51	0.0	0.0	0.0	0.0

581	4	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.42	-1.51	0.0	0.0	0.0	0.0
581	5	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.42	-1.51	0.0	0.0	0.0	0.0
582	1	53.47	0.0	0.0	-3.93	0.0	-1.58	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	1.57	-1.96	0.0	0.0	0.0	0.0
582	3	41.13	0.0	0.0	-3.02	0.0	-1.21	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	1.21	-1.51	0.0	0.0	0.0	0.0
582	4	41.13	0.0	0.0	-3.02	0.0	-1.21	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	1.20	-1.51	0.0	0.0	0.0	0.0
582	5	41.13	0.0	0.0	-3.02	0.0	-1.21	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	1.20	-1.51	0.0	0.0	0.0	0.0
583	1	53.47	0.0	0.0	-3.93	0.0	749.58	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	746.44	-1.96	0.0	0.0	0.0	0.0
583	2	41.13	0.0	0.0	-3.02	0.0	605.94	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	603.53	-1.51	0.0	0.0	0.0	0.0
583	3	41.13	0.0	0.0	-3.02	0.0	563.06	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	560.64	-1.51	0.0	0.0	0.0	0.0
583	4	41.13	0.0	0.0	-3.02	0.0	477.34	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	474.92	-1.51	0.0	0.0	0.0	0.0
583	5	41.13	0.0	0.0	-3.02	0.0	477.34	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	474.92	-1.51	0.0	0.0	0.0	0.0
584	1	58.66	0.0	0.0	-4.16	0.0	-0.89	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	2.25	-2.08	0.0	0.0	0.0	0.0
584	2	45.13	0.0	0.0	-3.20	0.0	-1.21	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	1.20	-1.60	0.0	0.0	0.0	0.0
584	3	45.13	0.0	0.0	-3.20	0.0	-1.21	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	1.20	-1.60	0.0	0.0	0.0	0.0
584	4	45.13	0.0	0.0	-3.20	0.0	-1.21	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	1.20	-1.60	0.0	0.0	0.0	0.0
584	5	45.13	0.0	0.0	-3.20	0.0	-1.21	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	1.20	-1.60	0.0	0.0	0.0	0.0
585	1	58.66	0.0	0.0	-4.16	0.0	1.57	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	-1.57	-2.08	0.0	0.0	0.0	0.0
585	3	45.13	0.0	0.0	-3.20	0.0	1.25	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	-1.16	-1.60	0.0	0.0	0.0	0.0
585	4	45.13	0.0	0.0	-3.20	0.0	1.29	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	-1.13	-1.60	0.0	0.0	0.0	0.0
585	5	45.13	0.0	0.0	-3.20	0.0	1.29	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	-1.13	-1.60	0.0	0.0	0.0	0.0
586	1	53.47	0.0	0.0	-3.93	0.0	744.68	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	747.82	-1.96	0.0	0.0	0.0	0.0
586	2	41.13	0.0	0.0	-3.02	0.0	602.63	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	605.05	-1.51	0.0	0.0	0.0	0.0
586	3	41.13	0.0	0.0	-3.02	0.0	560.00	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	562.42	-1.51	0.0	0.0	0.0	0.0
586	4	41.13	0.0	0.0	-3.02	0.0	474.92	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	477.34	-1.51	0.0	0.0	0.0	0.0
586	5	41.13	0.0	0.0	-3.02	0.0	474.92	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	477.34	-1.51	0.0	0.0	0.0	0.0
587	1	53.47	0.0	0.0	-3.93	0.0	1.57	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	-1.58	-1.96	0.0	0.0	0.0	0.0
587	3	41.13	0.0	0.0	-3.02	0.0	1.20	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	-1.21	-1.51	0.0	0.0	0.0	0.0
587	4	41.13	0.0	0.0	-3.02	0.0	1.20	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	-1.21	-1.51	0.0	0.0	0.0	0.0
587	5	41.13	0.0	0.0	-3.02	0.0	1.20	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	-1.21	-1.51	0.0	0.0	0.0	0.0
588	1	54.72	0.0	0.0	-3.93	0.0	-1.67	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.66	-1.96	0.0	0.0	0.0	0.0
588	3	42.09	0.0	0.0	-3.02	0.0	-1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.28	-1.51	0.0	0.0	0.0	0.0
588	4	42.09	0.0	0.0	-3.02	0.0	-1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.28	-1.51	0.0	0.0	0.0	0.0
588	5	42.09	0.0	0.0	-3.02	0.0	-1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.28	-1.51	0.0	0.0	0.0	0.0
589	1	54.72	0.0	0.0	-3.93	0.0	535.10	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	531.77	-1.96	0.0	0.0	0.0	0.0
589	2	42.09	0.0	0.0	-3.02	0.0	432.75	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	430.19	-1.51	0.0	0.0	0.0	0.0
589	3	42.09	0.0	0.0	-3.02	0.0	402.19	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	399.63	-1.51	0.0	0.0	0.0	0.0
589	4	42.09	0.0	0.0	-3.02	0.0	341.23	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	338.67	-1.51	0.0	0.0	0.0	0.0
589	5	42.09	0.0	0.0	-3.02	0.0	341.23	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	338.67	-1.51	0.0	0.0	0.0	0.0
590	1	59.94	0.0	0.0	-4.16	0.0	-1.67	2.08	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	115.3	1.66	-2.08	0.0	0.0	0.0	0.0
590	3	46.11	0.0	0.0	-3.20	0.0	-1.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	1.28	-1.60	0.0	0.0	0.0	0.0
590	4	46.11	0.0	0.0	-3.20	0.0	-1.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	1.28	-1.60	0.0	0.0	0.0	0.0
590	5	46.11	0.0	0.0	-3.20	0.0	-1.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	1.28	-1.60	0.0	0.0	0.0	0.0
591	1	59.94	0.0	0.0	-4.16	0.0	4.90	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	1.57	-2.08	0.0	0.0	0.0	0.0
591	2	46.11	0.0	0.0	-3.20	0.0	3.71	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	1.15	-1.60	0.0	0.0	0.0	0.0
591	3	46.11	0.0	0.0	-3.20	0.0	3.57	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	1.01	-1.60	0.0	0.0	0.0	0.0
591	4	46.11	0.0	0.0	-3.20	0.0	2.86	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	0.30	-1.60	0.0	0.0	0.0	0.0
591	5	46.11	0.0	0.0	-3.20	0.0	2.86	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	0.30	-1.60	0.0	0.0	0.0	0.0
592	1	94.50	0.0	0.0	-5.09	0.0	-2.30	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	2.32	-2.54	0.0	0.0	0.0	0.0
592	3	72.69	0.0	0.0	-3.91	0.0	-1.77	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.79	-1.96	0.0	0.0	0.0	0.0
592	4	72.69	0.0	0.0	-3.91	0.0	-1.77	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.79	-1.96	0.0	0.0	0.0	0.0
592	5	72.69	0.0	0.0	-3.91	0.0	-1.77	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.79	-1.96	0.0	0.0	0.0	0.0
593	1	94.50	0.0	0.0	-5.09	0.0	44.95	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	40.32	-2.54	0.0	0.0	0.0	0.0
593	2	72.69	0.0	0.0	-3.91	0.0	36.15	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	32.60	-1.96	0.0	0.0	0.0	0.0
593	3	72.69	0.0	0.0	-3.91	0.0	33.88	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	30.33	-1.96	0.0	0.0	0.0	0.0
593	4	72.69	0.0	0.0	-3.91	0.0	29.35	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	25.79	-1.96	0.0	0.0	0.0	0.0
593	5	72.69	0.0	0.0	-3.91	0.0	29.35	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	25.79	-1.96	0.0	0.0	0.0	0.0
594	1	94.50	0.0	0.0	-5.09	0.0	41.98	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	46.60	-2.54	0.0	0.0	0.0	0.0
594	2	72.69	0.0	0.0	-3.91	0.0	33.84	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	37.40	-1.96	0.0	0.0	0.0	0.0
594	3	72.69	0.0	0.0	-3.91	0.0	31.60	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	35.16	-1.96	0.0	0.0	0.0	0.0
594	4	72.69	0.0	0.0	-3.91	0.0	27.11	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	30.66	-1.96	0.0	0.0	0.0	0.0
594	5	72.69	0.0	0.0	-3.91	0.0	27.11	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	30.66	-1.96	0.0	0.0	0.0	0.0
595	1	94.50	0.0	0.0	-5.09	0.0	2.31	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-2.31	-2.54	0.0	0.0	0.0	0.0
595	3	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
595	4	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
595	5	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
596	1	94.50	0.0	0.0	-5.09	0.0	-2.31	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	2.32	-2.54	0.0	0.0	0.0	0.0
596	3	72.69	0.0	0.0	-3.91	0.0	-1.77	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.78	-1.96	0.0	0.0	0.0	0.0
596	4	72.69	0.0	0.0	-3.91	0.0	-1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.78	-1.96	0.0	0.0	0.0	0.0
596	5	72.69	0.0	0.0	-3.91	0.0	-1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.78	-1.96	0.0	0.0	0.0	0.0
597	1	94.50	0.0	0.0	-5.09	0.0	27.29	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	22.66	-2.54	0.0	0.0	0.0	0.0
597	2	72.69	0.0	0.0	-3.91	0.0	21.91	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	18.36	-1.96	0.0	0.0	0.0	0.0
597	3	72.69	0.0	0.0	-3.91	0.0	20.58	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	17.03	-1.96	0.0	0.0	0.0	0.0
597	4	72.69	0.0	0.0	-3.91	0.0	17.93	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	14.37	-1.96	0.0	0.0	0.0	0.0
597	5	72.69	0.0	0.0	-3.91	0.0	17.93	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	14.37	-1.96	0.0	0.0	0.0	0.0
598	1	94.50	0.0	0.0	-5.09	0.0	22.73	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	27.35	-2.54	0.0	0.0	0.0	0.0
598	2	72.69	0.0	0.0	-3.91	0.0	18.35	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	21.91	-1.96	0.0	0.0	0.0	0.0
598	3	72.69	0.0	0.0	-3.91	0.0	17.09	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	20.65	-1.96	0.0	0.0	0.0	0.0

598	4	72.69	0.0	0.0	-3.91	0.0	14.57	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	18.12	-1.96	0.0	0.0	0.0	0.0
598	5	72.69	0.0	0.0	-3.91	0.0	14.57	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	18.12	-1.96	0.0	0.0	0.0	0.0
599	1	94.50	0.0	0.0	-5.09	0.0	2.31	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-2.31	-2.54	0.0	0.0	0.0	0.0
599	3	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
599	4	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
599	5	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
600	1	94.50	0.0	0.0	-5.09	0.0	-2.31	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	2.31	-2.54	0.0	0.0	0.0	0.0
600	3	72.69	0.0	0.0	-3.91	0.0	-1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.78	-1.96	0.0	0.0	0.0	0.0
600	4	72.69	0.0	0.0	-3.91	0.0	-1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.78	-1.96	0.0	0.0	0.0	0.0
600	5	72.69	0.0	0.0	-3.91	0.0	-1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.78	-1.96	0.0	0.0	0.0	0.0
601	1	94.50	0.0	0.0	-5.09	0.0	33.28	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	28.65	-2.54	0.0	0.0	0.0	0.0
601	2	72.69	0.0	0.0	-3.91	0.0	26.74	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	23.19	-1.96	0.0	0.0	0.0	0.0
601	3	72.69	0.0	0.0	-3.91	0.0	25.09	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	21.54	-1.96	0.0	0.0	0.0	0.0
601	4	72.69	0.0	0.0	-3.91	0.0	21.80	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	18.25	-1.96	0.0	0.0	0.0	0.0
601	5	72.69	0.0	0.0	-3.91	0.0	21.80	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	18.25	-1.96	0.0	0.0	0.0	0.0
602	1	94.50	0.0	0.0	-5.09	0.0	33.32	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	37.95	-2.54	0.0	0.0	0.0	0.0
602	2	72.69	0.0	0.0	-3.91	0.0	26.90	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	30.46	-1.96	0.0	0.0	0.0	0.0
602	3	72.69	0.0	0.0	-3.91	0.0	25.07	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	28.63	-1.96	0.0	0.0	0.0	0.0
602	4	72.69	0.0	0.0	-3.91	0.0	21.40	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	24.95	-1.96	0.0	0.0	0.0	0.0
602	5	72.69	0.0	0.0	-3.91	0.0	21.40	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	24.95	-1.96	0.0	0.0	0.0	0.0
603	1	94.50	0.0	0.0	-5.09	0.0	2.31	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-2.31	-2.54	0.0	0.0	0.0	0.0
603	3	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
603	4	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
603	5	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
604	1	86.46	0.0	0.0	-5.09	0.0	-1.83	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.87	-2.54	0.0	0.0	0.0	0.0
604	3	66.51	0.0	0.0	-3.91	0.0	-1.40	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.44	-1.96	0.0	0.0	0.0	0.0
604	4	66.51	0.0	0.0	-3.91	0.0	-1.41	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.44	-1.96	0.0	0.0	0.0	0.0
604	5	66.51	0.0	0.0	-3.91	0.0	-1.41	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.44	-1.96	0.0	0.0	0.0	0.0
605	1	86.46	0.0	0.0	-5.09	0.0	123.43	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	119.73	-2.54	0.0	0.0	0.0	0.0
605	2	66.51	0.0	0.0	-3.91	0.0	98.70	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	95.86	-1.96	0.0	0.0	0.0	0.0
605	3	66.51	0.0	0.0	-3.91	0.0	93.23	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	90.39	-1.96	0.0	0.0	0.0	0.0
605	4	66.51	0.0	0.0	-3.91	0.0	81.99	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	79.15	-1.96	0.0	0.0	0.0	0.0
605	5	66.51	0.0	0.0	-3.91	0.0	81.99	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	79.15	-1.96	0.0	0.0	0.0	0.0
606	1	57.33	0.0	0.0	-3.93	0.0	-1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.85	-1.96	0.0	0.0	0.0	0.0
606	3	44.10	0.0	0.0	-3.02	0.0	-1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
606	4	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
606	5	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
607	1	57.33	0.0	0.0	-3.93	0.0	14.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	10.73	-1.96	0.0	0.0	0.0	0.0
607	2	44.10	0.0	0.0	-3.02	0.0	9.87	1.51	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	116.7	7.02	-1.51	0.0	0.0	0.0	0.0
607	3	44.10	0.0	0.0	-3.02	0.0	11.66	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	8.82	-1.51	0.0	0.0	0.0	0.0
607	4	44.10	0.0	0.0	-3.02	0.0	15.37	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	12.53	-1.51	0.0	0.0	0.0	0.0
607	5	44.10	0.0	0.0	-3.02	0.0	15.37	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	12.53	-1.51	0.0	0.0	0.0	0.0
608	1	62.62	0.0	0.0	-4.16	0.0	43.97	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	47.67	-2.08	0.0	0.0	0.0	0.0
608	2	48.17	0.0	0.0	-3.20	0.0	35.25	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	38.10	-1.60	0.0	0.0	0.0	0.0
608	3	48.17	0.0	0.0	-3.20	0.0	33.17	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	36.02	-1.60	0.0	0.0	0.0	0.0
608	4	48.17	0.0	0.0	-3.20	0.0	28.91	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	31.75	-1.60	0.0	0.0	0.0	0.0
608	5	48.17	0.0	0.0	-3.20	0.0	28.91	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	31.75	-1.60	0.0	0.0	0.0	0.0
609	1	62.62	0.0	0.0	-4.16	0.0	1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
609	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.42	-1.60	0.0	0.0	0.0	0.0
609	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
609	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
610	1	57.33	0.0	0.0	-3.93	0.0	94.38	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	98.08	-1.96	0.0	0.0	0.0	0.0
610	2	44.10	0.0	0.0	-3.02	0.0	73.84	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	76.68	-1.51	0.0	0.0	0.0	0.0
610	3	44.10	0.0	0.0	-3.02	0.0	72.03	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	74.88	-1.51	0.0	0.0	0.0	0.0
610	4	44.10	0.0	0.0	-3.02	0.0	68.31	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	71.16	-1.51	0.0	0.0	0.0	0.0
610	5	44.10	0.0	0.0	-3.02	0.0	68.31	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	71.16	-1.51	0.0	0.0	0.0	0.0
611	1	57.33	0.0	0.0	-3.93	0.0	1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.85	-1.96	0.0	0.0	0.0	0.0
611	3	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
611	4	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
611	5	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
612	1	86.46	0.0	0.0	-5.09	0.0	-1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.85	-2.54	0.0	0.0	0.0	0.0
612	3	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
612	4	66.51	0.0	0.0	-3.91	0.0	-1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
612	5	66.51	0.0	0.0	-3.91	0.0	-1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
613	1	86.46	0.0	0.0	-5.09	0.0	642.94	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	639.25	-2.54	0.0	0.0	0.0	0.0
613	2	66.51	0.0	0.0	-3.91	0.0	518.77	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	515.92	-1.96	0.0	0.0	0.0	0.0
613	3	66.51	0.0	0.0	-3.91	0.0	483.98	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	481.14	-1.96	0.0	0.0	0.0	0.0
613	4	66.51	0.0	0.0	-3.91	0.0	414.17	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	411.33	-1.96	0.0	0.0	0.0	0.0
613	5	66.51	0.0	0.0	-3.91	0.0	414.17	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	411.33	-1.96	0.0	0.0	0.0	0.0
614	1	57.33	0.0	0.0	-3.93	0.0	-1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.84	-1.96	0.0	0.0	0.0	0.0
614	3	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
614	4	44.10	0.0	0.0	-3.02	0.0	-1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
614	5	44.10	0.0	0.0	-3.02	0.0	-1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
615	1	57.33	0.0	0.0	-3.93	0.0	673.52	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	669.82	-1.96	0.0	0.0	0.0	0.0
615	2	44.10	0.0	0.0	-3.02	0.0	545.67	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	542.83	-1.51	0.0	0.0	0.0	0.0
615	3	44.10	0.0	0.0	-3.02	0.0	505.74	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	502.90	-1.51	0.0	0.0	0.0	0.0
615	4	44.10	0.0	0.0	-3.02	0.0	425.81	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	422.97	-1.51	0.0	0.0	0.0	0.0

615	5	44.10	0.0	0.0	-3.02	0.0	425.81	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	422.97	-1.51	0.0	0.0	0.0	0.0
616	1	62.62	0.0	0.0	-4.16	0.0	-1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.84	-2.08	0.0	0.0	0.0	0.0
616	3	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
616	4	48.17	0.0	0.0	-3.20	0.0	-1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
616	5	48.17	0.0	0.0	-3.20	0.0	-1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
617	1	62.62	0.0	0.0	-4.16	0.0	10.59	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	6.89	-2.08	0.0	0.0	0.0	0.0
617	2	48.17	0.0	0.0	-3.20	0.0	8.07	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	5.23	-1.60	0.0	0.0	0.0	0.0
617	3	48.17	0.0	0.0	-3.20	0.0	7.99	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	5.14	-1.60	0.0	0.0	0.0	0.0
617	4	48.17	0.0	0.0	-3.20	0.0	8.51	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	5.66	-1.60	0.0	0.0	0.0	0.0
617	5	48.17	0.0	0.0	-3.20	0.0	8.51	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	5.66	-1.60	0.0	0.0	0.0	0.0
618	1	57.33	0.0	0.0	-3.93	0.0	650.41	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	654.11	-1.96	0.0	0.0	0.0	0.0
618	2	44.10	0.0	0.0	-3.02	0.0	527.18	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	530.03	-1.51	0.0	0.0	0.0	0.0
618	3	44.10	0.0	0.0	-3.02	0.0	488.14	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	490.98	-1.51	0.0	0.0	0.0	0.0
618	4	44.10	0.0	0.0	-3.02	0.0	410.37	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	413.21	-1.51	0.0	0.0	0.0	0.0
618	5	44.10	0.0	0.0	-3.02	0.0	410.37	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	413.21	-1.51	0.0	0.0	0.0	0.0
619	1	57.33	0.0	0.0	-3.93	0.0	1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.85	-1.96	0.0	0.0	0.0	0.0
619	3	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.42	-1.51	0.0	0.0	0.0	0.0
619	4	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.42	-1.51	0.0	0.0	0.0	0.0
619	5	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.42	-1.51	0.0	0.0	0.0	0.0
620	1	86.46	0.0	0.0	-5.09	0.0	661.58	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	665.28	-2.54	0.0	0.0	0.0	0.0
620	2	66.51	0.0	0.0	-3.91	0.0	533.65	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	536.49	-1.96	0.0	0.0	0.0	0.0
620	3	66.51	0.0	0.0	-3.91	0.0	498.11	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	500.95	-1.96	0.0	0.0	0.0	0.0
620	4	66.51	0.0	0.0	-3.91	0.0	427.39	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	430.24	-1.96	0.0	0.0	0.0	0.0
620	5	66.51	0.0	0.0	-3.91	0.0	427.39	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	430.24	-1.96	0.0	0.0	0.0	0.0
621	1	86.46	0.0	0.0	-5.09	0.0	1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.85	-2.54	0.0	0.0	0.0	0.0
621	3	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.42	-1.96	0.0	0.0	0.0	0.0
621	4	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
621	5	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
622	1	53.47	0.0	0.0	-3.93	0.0	-1.58	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	1.57	-1.96	0.0	0.0	0.0	0.0
622	3	41.13	0.0	0.0	-3.02	0.0	-1.21	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	1.20	-1.51	0.0	0.0	0.0	0.0
622	4	41.13	0.0	0.0	-3.02	0.0	-1.21	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	1.20	-1.51	0.0	0.0	0.0	0.0
622	5	41.13	0.0	0.0	-3.02	0.0	-1.21	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	1.20	-1.51	0.0	0.0	0.0	0.0
623	1	53.47	0.0	0.0	-3.93	0.0	746.80	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	743.66	-1.96	0.0	0.0	0.0	0.0
623	2	41.13	0.0	0.0	-3.02	0.0	603.73	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	601.31	-1.51	0.0	0.0	0.0	0.0
623	3	41.13	0.0	0.0	-3.02	0.0	561.21	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	558.79	-1.51	0.0	0.0	0.0	0.0
623	4	41.13	0.0	0.0	-3.02	0.0	476.21	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	473.79	-1.51	0.0	0.0	0.0	0.0
623	5	41.13	0.0	0.0	-3.02	0.0	476.21	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	473.79	-1.51	0.0	0.0	0.0	0.0
624	1	58.66	0.0	0.0	-4.16	0.0	-1.31	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	1.83	-2.08	0.0	0.0	0.0	0.0
624	3	45.13	0.0	0.0	-3.20	0.0	-1.21	1.60	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	112.8	1.20	-1.60	0.0	0.0	0.0	0.0
624	4	45.13	0.0	0.0	-3.20	0.0	-1.21	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	1.20	-1.60	0.0	0.0	0.0	0.0
624	5	45.13	0.0	0.0	-3.20	0.0	-1.21	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	1.20	-1.60	0.0	0.0	0.0	0.0
625	1	58.66	0.0	0.0	-4.16	0.0	1.57	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	-1.58	-2.08	0.0	0.0	0.0	0.0
625	3	45.13	0.0	0.0	-3.20	0.0	1.21	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	-1.21	-1.60	0.0	0.0	0.0	0.0
625	4	45.13	0.0	0.0	-3.20	0.0	1.21	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	-1.21	-1.60	0.0	0.0	0.0	0.0
625	5	45.13	0.0	0.0	-3.20	0.0	1.21	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	-1.21	-1.60	0.0	0.0	0.0	0.0
626	1	53.47	0.0	0.0	-3.93	0.0	733.90	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	737.05	-1.96	0.0	0.0	0.0	0.0
626	2	41.13	0.0	0.0	-3.02	0.0	593.94	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	596.36	-1.51	0.0	0.0	0.0	0.0
626	3	41.13	0.0	0.0	-3.02	0.0	551.57	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	553.99	-1.51	0.0	0.0	0.0	0.0
626	4	41.13	0.0	0.0	-3.02	0.0	466.93	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	469.35	-1.51	0.0	0.0	0.0	0.0
626	5	41.13	0.0	0.0	-3.02	0.0	466.93	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	469.35	-1.51	0.0	0.0	0.0	0.0
627	1	53.47	0.0	0.0	-3.93	0.0	1.57	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	-1.57	-1.96	0.0	0.0	0.0	0.0
627	3	41.13	0.0	0.0	-3.02	0.0	1.21	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	-1.21	-1.51	0.0	0.0	0.0	0.0
627	4	41.13	0.0	0.0	-3.02	0.0	1.21	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	-1.21	-1.51	0.0	0.0	0.0	0.0
627	5	41.13	0.0	0.0	-3.02	0.0	1.21	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	-1.21	-1.51	0.0	0.0	0.0	0.0
628	1	54.72	0.0	0.0	-3.93	0.0	-1.67	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.66	-1.96	0.0	0.0	0.0	0.0
628	3	42.09	0.0	0.0	-3.02	0.0	-1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.28	-1.51	0.0	0.0	0.0	0.0
628	4	42.09	0.0	0.0	-3.02	0.0	-1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.28	-1.51	0.0	0.0	0.0	0.0
628	5	42.09	0.0	0.0	-3.02	0.0	-1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.28	-1.51	0.0	0.0	0.0	0.0
629	1	54.72	0.0	0.0	-3.93	0.0	536.60	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	533.27	-1.96	0.0	0.0	0.0	0.0
629	2	42.09	0.0	0.0	-3.02	0.0	433.80	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	431.24	-1.51	0.0	0.0	0.0	0.0
629	3	42.09	0.0	0.0	-3.02	0.0	403.49	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	400.93	-1.51	0.0	0.0	0.0	0.0
629	4	42.09	0.0	0.0	-3.02	0.0	343.33	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	340.76	-1.51	0.0	0.0	0.0	0.0
629	5	42.09	0.0	0.0	-3.02	0.0	343.33	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	340.76	-1.51	0.0	0.0	0.0	0.0
630	1	59.94	0.0	0.0	-4.16	0.0	-1.67	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	1.66	-2.08	0.0	0.0	0.0	0.0
630	3	46.11	0.0	0.0	-3.20	0.0	-1.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	1.28	-1.60	0.0	0.0	0.0	0.0
630	4	46.11	0.0	0.0	-3.20	0.0	-1.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	1.28	-1.60	0.0	0.0	0.0	0.0
630	5	46.11	0.0	0.0	-3.20	0.0	-1.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	1.28	-1.60	0.0	0.0	0.0	0.0
631	1	59.94	0.0	0.0	-4.16	0.0	3.71	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	0.38	-2.08	0.0	0.0	0.0	0.0
631	2	46.11	0.0	0.0	-3.20	0.0	2.80	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	0.24	-1.60	0.0	0.0	0.0	0.0
631	3	46.11	0.0	0.0	-3.20	0.0	2.62	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	0.06	-1.60	0.0	0.0	0.0	0.0
631	4	46.11	0.0	0.0	-3.20	0.0	1.30	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-1.26	-1.60	0.0	0.0	0.0	0.0
631	5	46.11	0.0	0.0	-3.20	0.0	1.30	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-1.26	-1.60	0.0	0.0	0.0	0.0
632	1	54.72	0.0	0.0	-3.93	0.0	525.26	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	528.58	-1.96	0.0	0.0	0.0	0.0
632	2	42.09	0.0	0.0	-3.02	0.0	424.95	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	427.51	-1.51	0.0	0.0	0.0	0.0
632	3	42.09	0.0	0.0	-3.02	0.0	394.64	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	397.20	-1.51	0.0	0.0	0.0	0.0
632	4	42.09	0.0	0.0	-3.02	0.0	333.61	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	336.17	-1.51	0.0	0.0	0.0	0.0
632	5	42.09	0.0	0.0	-3.02	0.0	333.61	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	336.17	-1.51	0.0	0.0	0.0	0.0

633	1	54.72	0.0	0.0	-3.93	0.0	1.66	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.67	-1.96	0.0	0.0	0.0	0.0
633	3	42.09	0.0	0.0	-3.02	0.0	1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.28	-1.51	0.0	0.0	0.0	0.0
633	4	42.09	0.0	0.0	-3.02	0.0	1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.28	-1.51	0.0	0.0	0.0	0.0
633	5	42.09	0.0	0.0	-3.02	0.0	1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.28	-1.51	0.0	0.0	0.0	0.0
634	1	492.83	0.0	0.0	-12.02	0.0	-4.31	6.01	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	4.94	-6.01	0.0	0.0	0.0	0.0
634	3	379.10	0.0	0.0	-9.25	0.0	-3.30	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	3.81	-4.62	0.0	0.0	0.0	0.0
634	4	379.10	0.0	0.0	-9.25	0.0	-3.24	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	3.88	-4.62	0.0	0.0	0.0	0.0
634	5	379.10	0.0	0.0	-9.25	0.0	-3.24	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	3.88	-4.62	0.0	0.0	0.0	0.0
635	1	492.83	0.0	0.0	-12.02	0.0	4.62	6.01	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	-4.63	-6.01	0.0	0.0	0.0	0.0
635	3	379.10	0.0	0.0	-9.25	0.0	3.55	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	-3.56	-4.62	0.0	0.0	0.0	0.0
635	4	379.10	0.0	0.0	-9.25	0.0	3.55	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	-3.56	-4.62	0.0	0.0	0.0	0.0
635	5	379.10	0.0	0.0	-9.25	0.0	3.55	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	-3.56	-4.62	0.0	0.0	0.0	0.0
636	1	492.83	0.0	0.0	-12.02	0.0	-4.63	6.01	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	4.62	-6.01	0.0	0.0	0.0	0.0
636	3	379.10	0.0	0.0	-9.25	0.0	-3.56	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	3.55	-4.62	0.0	0.0	0.0	0.0
636	4	379.10	0.0	0.0	-9.25	0.0	-3.56	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	3.55	-4.62	0.0	0.0	0.0	0.0
636	5	379.10	0.0	0.0	-9.25	0.0	-3.56	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	3.55	-4.62	0.0	0.0	0.0	0.0
637	1	492.83	0.0	0.0	-12.02	0.0	8.33	6.01	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	-0.91	-6.01	0.0	0.0	0.0	0.0
637	3	379.10	0.0	0.0	-9.25	0.0	6.31	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	-0.80	-4.62	0.0	0.0	0.0	0.0
637	4	379.10	0.0	0.0	-9.25	0.0	5.68	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	-1.43	-4.62	0.0	0.0	0.0	0.0
637	5	379.10	0.0	0.0	-9.25	0.0	5.68	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	-1.43	-4.62	0.0	0.0	0.0	0.0
638	1	86.46	0.0	0.0	-5.09	0.0	-1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.85	-2.54	0.0	0.0	0.0	0.0
638	3	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
638	4	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
638	5	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
639	1	86.46	0.0	0.0	-5.09	0.0	169.55	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	165.86	-2.54	0.0	0.0	0.0	0.0
639	2	66.51	0.0	0.0	-3.91	0.0	136.99	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	134.15	-1.96	0.0	0.0	0.0	0.0
639	3	66.51	0.0	0.0	-3.91	0.0	127.50	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	124.66	-1.96	0.0	0.0	0.0	0.0
639	4	66.51	0.0	0.0	-3.91	0.0	108.46	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	105.62	-1.96	0.0	0.0	0.0	0.0
639	5	66.51	0.0	0.0	-3.91	0.0	108.46	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	105.62	-1.96	0.0	0.0	0.0	0.0
640	1	57.33	0.0	0.0	-3.93	0.0	-1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.85	-1.96	0.0	0.0	0.0	0.0
640	3	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
640	4	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
640	5	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
641	1	57.33	0.0	0.0	-3.93	0.0	49.90	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	46.20	-1.96	0.0	0.0	0.0	0.0
641	2	44.10	0.0	0.0	-3.02	0.0	38.44	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	35.60	-1.51	0.0	0.0	0.0	0.0
641	3	44.10	0.0	0.0	-3.02	0.0	38.35	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	35.51	-1.51	0.0	0.0	0.0	0.0
641	4	44.10	0.0	0.0	-3.02	0.0	38.24	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	35.40	-1.51	0.0	0.0	0.0	0.0
641	5	44.10	0.0	0.0	-3.02	0.0	38.24	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	35.40	-1.51	0.0	0.0	0.0	0.0
642	1	62.62	0.0	0.0	-4.16	0.0	-1.85	2.08	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	120.4	1.85	-2.08	0.0	0.0	0.0	0.0
642	3	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
642	4	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
642	5	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
643	1	62.62	0.0	0.0	-4.16	0.0	4.66	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	0.96	-2.08	0.0	0.0	0.0	0.0
643	2	48.17	0.0	0.0	-3.20	0.0	3.68	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	0.84	-1.60	0.0	0.0	0.0	0.0
643	3	48.17	0.0	0.0	-3.20	0.0	3.54	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	0.69	-1.60	0.0	0.0	0.0	0.0
643	4	48.17	0.0	0.0	-3.20	0.0	3.33	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	0.49	-1.60	0.0	0.0	0.0	0.0
643	5	48.17	0.0	0.0	-3.20	0.0	3.33	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	0.49	-1.60	0.0	0.0	0.0	0.0
644	1	57.33	0.0	0.0	-3.93	0.0	40.84	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	44.54	-1.96	0.0	0.0	0.0	0.0
644	2	44.10	0.0	0.0	-3.02	0.0	31.31	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	34.15	-1.51	0.0	0.0	0.0	0.0
644	3	44.10	0.0	0.0	-3.02	0.0	31.47	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	34.31	-1.51	0.0	0.0	0.0	0.0
644	4	44.10	0.0	0.0	-3.02	0.0	31.72	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	34.56	-1.51	0.0	0.0	0.0	0.0
644	5	44.10	0.0	0.0	-3.02	0.0	31.72	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	34.56	-1.51	0.0	0.0	0.0	0.0
645	1	57.33	0.0	0.0	-3.93	0.0	1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.85	-1.96	0.0	0.0	0.0	0.0
645	3	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
645	4	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.42	-1.51	0.0	0.0	0.0	0.0
645	5	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.42	-1.51	0.0	0.0	0.0	0.0
646	1	86.46	0.0	0.0	-5.09	0.0	173.27	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	176.97	-2.54	0.0	0.0	0.0	0.0
646	2	66.51	0.0	0.0	-3.91	0.0	140.10	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	142.94	-1.96	0.0	0.0	0.0	0.0
646	3	66.51	0.0	0.0	-3.91	0.0	130.24	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	133.09	-1.96	0.0	0.0	0.0	0.0
646	4	66.51	0.0	0.0	-3.91	0.0	110.70	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	113.55	-1.96	0.0	0.0	0.0	0.0
646	5	66.51	0.0	0.0	-3.91	0.0	110.70	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	113.55	-1.96	0.0	0.0	0.0	0.0
647	1	86.46	0.0	0.0	-5.09	0.0	1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.85	-2.54	0.0	0.0	0.0	0.0
647	3	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
647	4	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.42	-1.96	0.0	0.0	0.0	0.0
647	5	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.42	-1.96	0.0	0.0	0.0	0.0
648	1	57.33	0.0	0.0	-3.93	0.0	-1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.85	-1.96	0.0	0.0	0.0	0.0
648	3	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
648	4	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
648	5	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
649	1	57.33	0.0	0.0	-3.93	0.0	943.20	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	939.50	-1.96	0.0	0.0	0.0	0.0
649	2	44.10	0.0	0.0	-3.02	0.0	763.37	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	760.52	-1.51	0.0	0.0	0.0	0.0
649	3	44.10	0.0	0.0	-3.02	0.0	708.77	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	705.93	-1.51	0.0	0.0	0.0	0.0
649	4	44.10	0.0	0.0	-3.02	0.0	599.38	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	596.54	-1.51	0.0	0.0	0.0	0.0
649	5	44.10	0.0	0.0	-3.02	0.0	599.38	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	596.54	-1.51	0.0	0.0	0.0	0.0
650	1	62.62	0.0	0.0	-4.16	0.0	-1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.85	-2.08	0.0	0.0	0.0	0.0
650	3	48.17	0.0	0.0	-3.20	0.0	-1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
650	4	48.17	0.0	0.0	-3.20	0.0	-1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0

650	5	48.17	0.0	0.0	-3.20	0.0	-1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
651	1	62.62	0.0	0.0	-4.16	0.0	1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
651	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.42	-1.60	0.0	0.0	0.0	0.0
651	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
651	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
652	1	57.33	0.0	0.0	-3.93	0.0	942.49	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	946.19	-1.96	0.0	0.0	0.0	0.0
652	2	44.10	0.0	0.0	-3.02	0.0	762.96	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	765.81	-1.51	0.0	0.0	0.0	0.0
652	3	44.10	0.0	0.0	-3.02	0.0	708.13	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	710.98	-1.51	0.0	0.0	0.0	0.0
652	4	44.10	0.0	0.0	-3.02	0.0	598.45	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	601.29	-1.51	0.0	0.0	0.0	0.0
652	5	44.10	0.0	0.0	-3.02	0.0	598.45	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	601.29	-1.51	0.0	0.0	0.0	0.0
653	1	57.33	0.0	0.0	-3.93	0.0	1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.85	-1.96	0.0	0.0	0.0	0.0
653	3	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.42	-1.51	0.0	0.0	0.0	0.0
653	4	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
653	5	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
654	1	54.72	0.0	0.0	-3.93	0.0	-1.67	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.66	-1.96	0.0	0.0	0.0	0.0
654	3	42.09	0.0	0.0	-3.02	0.0	-1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.28	-1.51	0.0	0.0	0.0	0.0
654	4	42.09	0.0	0.0	-3.02	0.0	-1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.28	-1.51	0.0	0.0	0.0	0.0
654	5	42.09	0.0	0.0	-3.02	0.0	-1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.28	-1.51	0.0	0.0	0.0	0.0
655	1	54.72	0.0	0.0	-3.93	0.0	672.55	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	669.23	-1.96	0.0	0.0	0.0	0.0
655	2	42.09	0.0	0.0	-3.02	0.0	543.87	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	541.31	-1.51	0.0	0.0	0.0	0.0
655	3	42.09	0.0	0.0	-3.02	0.0	505.59	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	503.03	-1.51	0.0	0.0	0.0	0.0
655	4	42.09	0.0	0.0	-3.02	0.0	429.00	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	426.44	-1.51	0.0	0.0	0.0	0.0
655	5	42.09	0.0	0.0	-3.02	0.0	429.00	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	426.44	-1.51	0.0	0.0	0.0	0.0
656	1	59.94	0.0	0.0	-4.16	0.0	-1.57	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	1.76	-2.08	0.0	0.0	0.0	0.0
656	3	46.11	0.0	0.0	-3.20	0.0	-1.19	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	1.37	-1.60	0.0	0.0	0.0	0.0
656	4	46.11	0.0	0.0	-3.20	0.0	-1.09	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	1.47	-1.60	0.0	0.0	0.0	0.0
656	5	46.11	0.0	0.0	-3.20	0.0	-1.09	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	1.47	-1.60	0.0	0.0	0.0	0.0
657	1	59.94	0.0	0.0	-4.16	0.0	1.66	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-1.67	-2.08	0.0	0.0	0.0	0.0
657	3	46.11	0.0	0.0	-3.20	0.0	1.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-1.28	-1.60	0.0	0.0	0.0	0.0
657	4	46.11	0.0	0.0	-3.20	0.0	1.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-1.28	-1.60	0.0	0.0	0.0	0.0
657	5	46.11	0.0	0.0	-3.20	0.0	1.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-1.28	-1.60	0.0	0.0	0.0	0.0
658	1	54.72	0.0	0.0	-3.93	0.0	663.82	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	667.15	-1.96	0.0	0.0	0.0	0.0
658	2	42.09	0.0	0.0	-3.02	0.0	536.95	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	539.51	-1.51	0.0	0.0	0.0	0.0
658	3	42.09	0.0	0.0	-3.02	0.0	498.98	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	501.54	-1.51	0.0	0.0	0.0	0.0
658	4	42.09	0.0	0.0	-3.02	0.0	422.87	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	425.43	-1.51	0.0	0.0	0.0	0.0
658	5	42.09	0.0	0.0	-3.02	0.0	422.87	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	425.43	-1.51	0.0	0.0	0.0	0.0
659	1	54.72	0.0	0.0	-3.93	0.0	1.66	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.67	-1.96	0.0	0.0	0.0	0.0
659	3	42.09	0.0	0.0	-3.02	0.0	1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.28	-1.51	0.0	0.0	0.0	0.0
659	4	42.09	0.0	0.0	-3.02	0.0	1.28	1.51	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	111.4	-1.28	-1.51	0.0	0.0	0.0	0.0
659	5	42.09	0.0	0.0	-3.02	0.0	1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.28	-1.51	0.0	0.0	0.0	0.0
660	1	57.33	0.0	0.0	-3.93	0.0	-1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.85	-1.96	0.0	0.0	0.0	0.0
660	3	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
660	4	44.10	0.0	0.0	-3.02	0.0	-1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
660	5	44.10	0.0	0.0	-3.02	0.0	-1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
661	1	57.33	0.0	0.0	-3.93	0.0	698.20	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	694.50	-1.96	0.0	0.0	0.0	0.0
661	2	44.10	0.0	0.0	-3.02	0.0	565.49	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	562.65	-1.51	0.0	0.0	0.0	0.0
661	3	44.10	0.0	0.0	-3.02	0.0	524.46	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	521.62	-1.51	0.0	0.0	0.0	0.0
661	4	44.10	0.0	0.0	-3.02	0.0	443.21	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	440.36	-1.51	0.0	0.0	0.0	0.0
661	5	44.10	0.0	0.0	-3.02	0.0	443.21	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	440.36	-1.51	0.0	0.0	0.0	0.0
662	1	62.62	0.0	0.0	-4.16	0.0	-0.06	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	3.64	-2.08	0.0	0.0	0.0	0.0
662	3	48.17	0.0	0.0	-3.20	0.0	0.03	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	2.87	-1.60	0.0	0.0	0.0	0.0
662	4	48.17	0.0	0.0	-3.20	0.0	0.90	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	3.75	-1.60	0.0	0.0	0.0	0.0
662	5	48.17	0.0	0.0	-3.20	0.0	0.90	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	3.75	-1.60	0.0	0.0	0.0	0.0
663	1	62.62	0.0	0.0	-4.16	0.0	1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
663	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
663	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
663	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
664	1	57.33	0.0	0.0	-3.93	0.0	725.32	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	729.02	-1.96	0.0	0.0	0.0	0.0
664	2	44.10	0.0	0.0	-3.02	0.0	587.57	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	590.42	-1.51	0.0	0.0	0.0	0.0
664	3	44.10	0.0	0.0	-3.02	0.0	544.95	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	547.79	-1.51	0.0	0.0	0.0	0.0
664	4	44.10	0.0	0.0	-3.02	0.0	458.93	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	461.77	-1.51	0.0	0.0	0.0	0.0
664	5	44.10	0.0	0.0	-3.02	0.0	458.93	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	461.77	-1.51	0.0	0.0	0.0	0.0
665	1	57.33	0.0	0.0	-3.93	0.0	1.84	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.85	-1.96	0.0	0.0	0.0	0.0
665	3	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
665	4	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
665	5	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
666	1	53.47	0.0	0.0	-3.93	0.0	-1.57	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	1.57	-1.96	0.0	0.0	0.0	0.0
666	3	41.13	0.0	0.0	-3.02	0.0	-1.21	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	1.21	-1.51	0.0	0.0	0.0	0.0
666	4	41.13	0.0	0.0	-3.02	0.0	-1.21	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	1.21	-1.51	0.0	0.0	0.0	0.0
666	5	41.13	0.0	0.0	-3.02	0.0	-1.21	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	1.21	-1.51	0.0	0.0	0.0	0.0
667	1	53.47	0.0	0.0	-3.93	0.0	760.59	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	757.45	-1.96	0.0	0.0	0.0	0.0
667	2	41.13	0.0	0.0	-3.02	0.0	615.14	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	612.72	-1.51	0.0	0.0	0.0	0.0
667	3	41.13	0.0	0.0	-3.02	0.0	571.92	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	569.50	-1.51	0.0	0.0	0.0	0.0
667	4	41.13	0.0	0.0	-3.02	0.0	484.33	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	481.91	-1.51	0.0	0.0	0.0	0.0
667	5	41.13	0.0	0.0	-3.02	0.0	484.33	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	481.91	-1.51	0.0	0.0	0.0	0.0
668	1	58.66	0.0	0.0	-4.16	0.0	9.00	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	12.14	-2.08	0.0	0.0	0.0	0.0
668	2	45.13	0.0	0.0	-3.20	0.0	7.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	9.70	-1.60	0.0	0.0	0.0	0.0

668	3	45.13	0.0	0.0	-3.20	0.0	6.78	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	9.20	-1.60	0.0	0.0	0.0	0.0
668	4	45.13	0.0	0.0	-3.20	0.0	3.60	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	6.01	-1.60	0.0	0.0	0.0	0.0
668	5	45.13	0.0	0.0	-3.20	0.0	3.60	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	6.01	-1.60	0.0	0.0	0.0	0.0
669	1	58.66	0.0	0.0	-4.16	0.0	1.57	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	-1.58	-2.08	0.0	0.0	0.0	0.0
669	3	45.13	0.0	0.0	-3.20	0.0	1.20	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	-1.21	-1.60	0.0	0.0	0.0	0.0
669	4	45.13	0.0	0.0	-3.20	0.0	1.20	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	-1.21	-1.60	0.0	0.0	0.0	0.0
669	5	45.13	0.0	0.0	-3.20	0.0	1.20	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	-1.21	-1.60	0.0	0.0	0.0	0.0
670	1	53.47	0.0	0.0	-3.93	0.0	739.24	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	742.39	-1.96	0.0	0.0	0.0	0.0
670	2	41.13	0.0	0.0	-3.02	0.0	597.97	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	600.39	-1.51	0.0	0.0	0.0	0.0
670	3	41.13	0.0	0.0	-3.02	0.0	555.75	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	558.16	-1.51	0.0	0.0	0.0	0.0
670	4	41.13	0.0	0.0	-3.02	0.0	471.91	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	474.32	-1.51	0.0	0.0	0.0	0.0
670	5	41.13	0.0	0.0	-3.02	0.0	471.91	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	474.32	-1.51	0.0	0.0	0.0	0.0
671	1	53.47	0.0	0.0	-3.93	0.0	1.57	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	-1.58	-1.96	0.0	0.0	0.0	0.0
671	3	41.13	0.0	0.0	-3.02	0.0	1.20	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	-1.21	-1.51	0.0	0.0	0.0	0.0
671	4	41.13	0.0	0.0	-3.02	0.0	1.21	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	-1.21	-1.51	0.0	0.0	0.0	0.0
671	5	41.13	0.0	0.0	-3.02	0.0	1.21	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	-1.21	-1.51	0.0	0.0	0.0	0.0
672	1	54.72	0.0	0.0	-3.93	0.0	-1.67	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.66	-1.96	0.0	0.0	0.0	0.0
672	3	42.09	0.0	0.0	-3.02	0.0	-1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.28	-1.51	0.0	0.0	0.0	0.0
672	4	42.09	0.0	0.0	-3.02	0.0	-1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.28	-1.51	0.0	0.0	0.0	0.0
672	5	42.09	0.0	0.0	-3.02	0.0	-1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.28	-1.51	0.0	0.0	0.0	0.0
673	1	54.72	0.0	0.0	-3.93	0.0	552.48	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	549.15	-1.96	0.0	0.0	0.0	0.0
673	2	42.09	0.0	0.0	-3.02	0.0	446.84	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	444.28	-1.51	0.0	0.0	0.0	0.0
673	3	42.09	0.0	0.0	-3.02	0.0	414.69	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	412.13	-1.51	0.0	0.0	0.0	0.0
673	4	42.09	0.0	0.0	-3.02	0.0	351.66	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	349.10	-1.51	0.0	0.0	0.0	0.0
673	5	42.09	0.0	0.0	-3.02	0.0	351.66	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	349.10	-1.51	0.0	0.0	0.0	0.0
674	1	59.94	0.0	0.0	-4.16	0.0	1.55	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	4.88	-2.08	0.0	0.0	0.0	0.0
674	2	46.11	0.0	0.0	-3.20	0.0	1.23	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	3.79	-1.60	0.0	0.0	0.0	0.0
674	3	46.11	0.0	0.0	-3.20	0.0	1.08	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	3.64	-1.60	0.0	0.0	0.0	0.0
674	4	46.11	0.0	0.0	-3.20	0.0	0.86	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	3.42	-1.60	0.0	0.0	0.0	0.0
674	5	46.11	0.0	0.0	-3.20	0.0	0.86	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	3.42	-1.60	0.0	0.0	0.0	0.0
675	1	59.94	0.0	0.0	-4.16	0.0	1.66	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-1.67	-2.08	0.0	0.0	0.0	0.0
675	3	46.11	0.0	0.0	-3.20	0.0	1.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-1.28	-1.60	0.0	0.0	0.0	0.0
675	4	46.11	0.0	0.0	-3.20	0.0	1.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-1.28	-1.60	0.0	0.0	0.0	0.0
675	5	46.11	0.0	0.0	-3.20	0.0	1.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-1.28	-1.60	0.0	0.0	0.0	0.0
676	1	54.72	0.0	0.0	-3.93	0.0	535.82	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	539.15	-1.96	0.0	0.0	0.0	0.0
676	2	42.09	0.0	0.0	-3.02	0.0	433.50	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	436.06	-1.51	0.0	0.0	0.0	0.0
676	3	42.09	0.0	0.0	-3.02	0.0	402.09	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	404.65	-1.51	0.0	0.0	0.0	0.0
676	4	42.09	0.0	0.0	-3.02	0.0	340.16	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	342.72	-1.51	0.0	0.0	0.0	0.0
676	5	42.09	0.0	0.0	-3.02	0.0	340.16	1.51	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	111.4	342.72	-1.51	0.0	0.0	0.0	0.0
677	1	54.72	0.0	0.0	-3.93	0.0	1.66	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.67	-1.96	0.0	0.0	0.0	0.0
677	3	42.09	0.0	0.0	-3.02	0.0	1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.28	-1.51	0.0	0.0	0.0	0.0
677	4	42.09	0.0	0.0	-3.02	0.0	1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.28	-1.51	0.0	0.0	0.0	0.0
677	5	42.09	0.0	0.0	-3.02	0.0	1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.28	-1.51	0.0	0.0	0.0	0.0
678	1	94.50	0.0	0.0	-5.09	0.0	2.31	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-2.31	-2.54	0.0	0.0	0.0	0.0
678	3	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
678	4	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
678	5	72.69	0.0	0.0	-3.91	0.0	1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.78	-1.96	0.0	0.0	0.0	0.0
679	1	94.50	0.0	0.0	-5.09	0.0	-2.31	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	2.31	-2.54	0.0	0.0	0.0	0.0
679	3	72.69	0.0	0.0	-3.91	0.0	-1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.78	-1.96	0.0	0.0	0.0	0.0
679	4	72.69	0.0	0.0	-3.91	0.0	-1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.78	-1.96	0.0	0.0	0.0	0.0
679	5	72.69	0.0	0.0	-3.91	0.0	-1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.78	-1.96	0.0	0.0	0.0	0.0
680	1	94.50	0.0	0.0	-5.09	0.0	38.83	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	34.21	-2.54	0.0	0.0	0.0	0.0
680	2	72.69	0.0	0.0	-3.91	0.0	31.18	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	27.62	-1.96	0.0	0.0	0.0	0.0
680	3	72.69	0.0	0.0	-3.91	0.0	29.29	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	25.73	-1.96	0.0	0.0	0.0	0.0
680	4	72.69	0.0	0.0	-3.91	0.0	25.54	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	21.99	-1.96	0.0	0.0	0.0	0.0
680	5	72.69	0.0	0.0	-3.91	0.0	25.54	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	21.99	-1.96	0.0	0.0	0.0	0.0
681	1	94.50	0.0	0.0	-5.09	0.0	-2.31	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	2.31	-2.54	0.0	0.0	0.0	0.0
681	3	72.69	0.0	0.0	-3.91	0.0	-1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.78	-1.96	0.0	0.0	0.0	0.0
681	4	72.69	0.0	0.0	-3.91	0.0	-1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.78	-1.96	0.0	0.0	0.0	0.0
681	5	72.69	0.0	0.0	-3.91	0.0	-1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.78	-1.96	0.0	0.0	0.0	0.0
682	1	94.50	0.0	0.0	-5.09	0.0	23.66	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	19.03	-2.54	0.0	0.0	0.0	0.0
682	2	72.69	0.0	0.0	-3.91	0.0	18.96	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	15.40	-1.96	0.0	0.0	0.0	0.0
682	3	72.69	0.0	0.0	-3.91	0.0	17.86	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	14.30	-1.96	0.0	0.0	0.0	0.0
682	4	72.69	0.0	0.0	-3.91	0.0	15.67	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	12.12	-1.96	0.0	0.0	0.0	0.0
682	5	72.69	0.0	0.0	-3.91	0.0	15.67	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	12.12	-1.96	0.0	0.0	0.0	0.0
683	1	94.50	0.0	0.0	-5.09	0.0	-2.31	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	2.31	-2.54	0.0	0.0	0.0	0.0
683	3	72.69	0.0	0.0	-3.91	0.0	-1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.78	-1.96	0.0	0.0	0.0	0.0
683	4	72.69	0.0	0.0	-3.91	0.0	-1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.77	-1.96	0.0	0.0	0.0	0.0
683	5	72.69	0.0	0.0	-3.91	0.0	-1.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	1.77	-1.96	0.0	0.0	0.0	0.0
684	1	94.50	0.0	0.0	-5.09	0.0	29.62	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	25.00	-2.54	0.0	0.0	0.0	0.0
684	2	72.69	0.0	0.0	-3.91	0.0	23.76	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	20.21	-1.96	0.0	0.0	0.0	0.0
684	3	72.69	0.0	0.0	-3.91	0.0	22.35	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	18.79	-1.96	0.0	0.0	0.0	0.0
684	4	72.69	0.0	0.0	-3.91	0.0	19.53	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	15.97	-1.96	0.0	0.0	0.0	0.0
684	5	72.69	0.0	0.0	-3.91	0.0	19.53	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	15.97	-1.96	0.0	0.0	0.0	0.0
685	1	94.50	0.0	0.0	-5.09	0.0	42.52	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	47.14	-2.54	0.0	0.0	0.0	0.0
685	2	72.69	0.0	0.0	-3.91	0.0	34.32	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	37.88	-1.96	0.0	0.0	0.0	0.0
685	3	72.69	0.0	0.0	-3.91	0.0	31.99	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	35.54	-1.96	0.0	0.0	0.0	0.0

685	4	72.69	0.0	0.0	-3.91	0.0	27.31	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	30.87	-1.96	0.0	0.0	0.0	0.0
685	5	72.69	0.0	0.0	-3.91	0.0	27.31	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	30.87	-1.96	0.0	0.0	0.0	0.0
686	1	94.50	0.0	0.0	-5.09	0.0	2.60	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-2.02	-2.54	0.0	0.0	0.0	0.0
686	3	72.69	0.0	0.0	-3.91	0.0	2.00	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.56	-1.96	0.0	0.0	0.0	0.0
686	4	72.69	0.0	0.0	-3.91	0.0	1.97	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.59	-1.96	0.0	0.0	0.0	0.0
686	5	72.69	0.0	0.0	-3.91	0.0	1.97	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	-1.59	-1.96	0.0	0.0	0.0	0.0
687	1	94.50	0.0	0.0	-5.09	0.0	23.72	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	28.35	-2.54	0.0	0.0	0.0	0.0
687	2	72.69	0.0	0.0	-3.91	0.0	19.18	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	22.74	-1.96	0.0	0.0	0.0	0.0
687	3	72.69	0.0	0.0	-3.91	0.0	17.83	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	21.39	-1.96	0.0	0.0	0.0	0.0
687	4	72.69	0.0	0.0	-3.91	0.0	15.12	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	18.68	-1.96	0.0	0.0	0.0	0.0
687	5	72.69	0.0	0.0	-3.91	0.0	15.12	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	148.7	18.68	-1.96	0.0	0.0	0.0	0.0
688	1	86.46	0.0	0.0	-5.09	0.0	-1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.85	-2.54	0.0	0.0	0.0	0.0
688	3	66.51	0.0	0.0	-3.91	0.0	-1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
688	4	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
688	5	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
689	1	86.46	0.0	0.0	-5.09	0.0	188.84	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	185.14	-2.54	0.0	0.0	0.0	0.0
689	2	66.51	0.0	0.0	-3.91	0.0	152.30	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	149.45	-1.96	0.0	0.0	0.0	0.0
689	3	66.51	0.0	0.0	-3.91	0.0	142.14	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	139.29	-1.96	0.0	0.0	0.0	0.0
689	4	66.51	0.0	0.0	-3.91	0.0	121.83	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	118.98	-1.96	0.0	0.0	0.0	0.0
689	5	66.51	0.0	0.0	-3.91	0.0	121.83	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	118.98	-1.96	0.0	0.0	0.0	0.0
690	1	57.33	0.0	0.0	-3.93	0.0	-1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.85	-1.96	0.0	0.0	0.0	0.0
690	3	44.10	0.0	0.0	-3.02	0.0	-1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
690	4	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
690	5	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
691	1	57.33	0.0	0.0	-3.93	0.0	60.98	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	57.28	-1.96	0.0	0.0	0.0	0.0
691	2	44.10	0.0	0.0	-3.02	0.0	47.03	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	44.18	-1.51	0.0	0.0	0.0	0.0
691	3	44.10	0.0	0.0	-3.02	0.0	46.82	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	43.97	-1.51	0.0	0.0	0.0	0.0
691	4	44.10	0.0	0.0	-3.02	0.0	46.51	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	43.66	-1.51	0.0	0.0	0.0	0.0
691	5	44.10	0.0	0.0	-3.02	0.0	46.51	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	43.66	-1.51	0.0	0.0	0.0	0.0
692	1	62.62	0.0	0.0	-4.16	0.0	-1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.85	-2.08	0.0	0.0	0.0	0.0
692	3	48.17	0.0	0.0	-3.20	0.0	-1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
692	4	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
692	5	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
693	1	62.62	0.0	0.0	-4.16	0.0	6.91	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	3.21	-2.08	0.0	0.0	0.0	0.0
693	2	48.17	0.0	0.0	-3.20	0.0	5.45	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	2.60	-1.60	0.0	0.0	0.0	0.0
693	3	48.17	0.0	0.0	-3.20	0.0	5.22	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	2.37	-1.60	0.0	0.0	0.0	0.0
693	4	48.17	0.0	0.0	-3.20	0.0	4.87	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	2.03	-1.60	0.0	0.0	0.0	0.0
693	5	48.17	0.0	0.0	-3.20	0.0	4.87	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	2.03	-1.60	0.0	0.0	0.0	0.0
694	1	57.33	0.0	0.0	-3.93	0.0	46.47	1.96	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	116.7	50.17	-1.96	0.0	0.0	0.0	0.0
694	2	44.10	0.0	0.0	-3.02	0.0	35.57	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	38.42	-1.51	0.0	0.0	0.0	0.0
694	3	44.10	0.0	0.0	-3.02	0.0	35.86	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	38.70	-1.51	0.0	0.0	0.0	0.0
694	4	44.10	0.0	0.0	-3.02	0.0	36.32	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	39.16	-1.51	0.0	0.0	0.0	0.0
694	5	44.10	0.0	0.0	-3.02	0.0	36.32	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	39.16	-1.51	0.0	0.0	0.0	0.0
695	1	57.33	0.0	0.0	-3.93	0.0	1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.85	-1.96	0.0	0.0	0.0	0.0
695	3	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.42	-1.51	0.0	0.0	0.0	0.0
695	4	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
695	5	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
696	1	86.46	0.0	0.0	-5.09	0.0	205.39	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	209.09	-2.54	0.0	0.0	0.0	0.0
696	2	66.51	0.0	0.0	-3.91	0.0	165.63	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	168.48	-1.96	0.0	0.0	0.0	0.0
696	3	66.51	0.0	0.0	-3.91	0.0	154.50	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	157.34	-1.96	0.0	0.0	0.0	0.0
696	4	66.51	0.0	0.0	-3.91	0.0	132.53	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	135.38	-1.96	0.0	0.0	0.0	0.0
696	5	66.51	0.0	0.0	-3.91	0.0	132.53	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	135.38	-1.96	0.0	0.0	0.0	0.0
697	1	86.46	0.0	0.0	-5.09	0.0	1.88	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.82	-2.54	0.0	0.0	0.0	0.0
697	3	66.51	0.0	0.0	-3.91	0.0	1.45	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.40	-1.96	0.0	0.0	0.0	0.0
697	4	66.51	0.0	0.0	-3.91	0.0	1.44	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.40	-1.96	0.0	0.0	0.0	0.0
697	5	66.51	0.0	0.0	-3.91	0.0	1.44	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.40	-1.96	0.0	0.0	0.0	0.0
698	1	492.83	0.0	0.0	-12.02	0.0	4.76	6.01	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	14.01	-6.01	0.0	0.0	0.0	0.0
698	2	379.10	0.0	0.0	-9.25	0.0	4.08	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	11.20	-4.62	0.0	0.0	0.0	0.0
698	3	379.10	0.0	0.0	-9.25	0.0	3.51	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	10.62	-4.62	0.0	0.0	0.0	0.0
698	4	379.10	0.0	0.0	-9.25	0.0	2.30	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	9.42	-4.62	0.0	0.0	0.0	0.0
698	5	379.10	0.0	0.0	-9.25	0.0	2.30	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	9.42	-4.62	0.0	0.0	0.0	0.0
699	1	492.83	0.0	0.0	-12.02	0.0	4.62	6.01	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	-4.63	-6.01	0.0	0.0	0.0	0.0
699	3	379.10	0.0	0.0	-9.25	0.0	3.55	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	-3.56	-4.62	0.0	0.0	0.0	0.0
699	4	379.10	0.0	0.0	-9.25	0.0	3.55	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	-3.56	-4.62	0.0	0.0	0.0	0.0
699	5	379.10	0.0	0.0	-9.25	0.0	3.55	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	-3.56	-4.62	0.0	0.0	0.0	0.0
700	1	492.83	0.0	0.0	-12.02	0.0	16.80	6.01	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	26.04	-6.01	0.0	0.0	0.0	0.0
700	2	379.10	0.0	0.0	-9.25	0.0	13.74	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	20.85	-4.62	0.0	0.0	0.0	0.0
700	3	379.10	0.0	0.0	-9.25	0.0	12.68	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	19.79	-4.62	0.0	0.0	0.0	0.0
700	4	379.10	0.0	0.0	-9.25	0.0	10.33	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	17.44	-4.62	0.0	0.0	0.0	0.0
700	5	379.10	0.0	0.0	-9.25	0.0	10.33	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	17.44	-4.62	0.0	0.0	0.0	0.0
701	1	492.83	0.0	0.0	-12.02	0.0	4.62	6.01	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	-4.63	-6.01	0.0	0.0	0.0	0.0
701	3	379.10	0.0	0.0	-9.25	0.0	3.55	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	-3.56	-4.62	0.0	0.0	0.0	0.0
701	4	379.10	0.0	0.0	-9.25	0.0	3.55	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	-3.56	-4.62	0.0	0.0	0.0	0.0
701	5	379.10	0.0	0.0	-9.25	0.0	3.55	4.62	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	328.0	-3.56	-4.62	0.0	0.0	0.0	0.0
702	1	86.46	0.0	0.0	-5.09	0.0	-1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.85	-2.54	0.0	0.0	0.0	0.0
702	3	66.51	0.0	0.0	-3.91	0.0	-1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
702	4	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0

702	5	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
703	1	86.46	0.0	0.0	-5.09	0.0	635.89	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	632.19	-2.54	0.0	0.0	0.0	0.0
703	2	66.51	0.0	0.0	-3.91	0.0	513.05	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	510.20	-1.96	0.0	0.0	0.0	0.0
703	3	66.51	0.0	0.0	-3.91	0.0	478.40	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	475.55	-1.96	0.0	0.0	0.0	0.0
703	4	66.51	0.0	0.0	-3.91	0.0	409.33	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	406.49	-1.96	0.0	0.0	0.0	0.0
703	5	66.51	0.0	0.0	-3.91	0.0	409.33	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	406.49	-1.96	0.0	0.0	0.0	0.0
704	1	57.33	0.0	0.0	-3.93	0.0	-1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.85	-1.96	0.0	0.0	0.0	0.0
704	3	44.10	0.0	0.0	-3.02	0.0	-1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
704	4	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
704	5	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
705	1	57.33	0.0	0.0	-3.93	0.0	668.18	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	664.48	-1.96	0.0	0.0	0.0	0.0
705	2	44.10	0.0	0.0	-3.02	0.0	541.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	538.44	-1.51	0.0	0.0	0.0	0.0
705	3	44.10	0.0	0.0	-3.02	0.0	502.12	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	499.27	-1.51	0.0	0.0	0.0	0.0
705	4	44.10	0.0	0.0	-3.02	0.0	423.44	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	420.60	-1.51	0.0	0.0	0.0	0.0
705	5	44.10	0.0	0.0	-3.02	0.0	423.44	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	420.60	-1.51	0.0	0.0	0.0	0.0
706	1	62.62	0.0	0.0	-4.16	0.0	12.07	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	15.77	-2.08	0.0	0.0	0.0	0.0
706	2	48.17	0.0	0.0	-3.20	0.0	9.71	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	12.56	-1.60	0.0	0.0	0.0	0.0
706	3	48.17	0.0	0.0	-3.20	0.0	8.88	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	11.73	-1.60	0.0	0.0	0.0	0.0
706	4	48.17	0.0	0.0	-3.20	0.0	8.14	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	10.98	-1.60	0.0	0.0	0.0	0.0
706	5	48.17	0.0	0.0	-3.20	0.0	8.14	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	10.98	-1.60	0.0	0.0	0.0	0.0
707	1	62.62	0.0	0.0	-4.16	0.0	1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
707	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.42	-1.60	0.0	0.0	0.0	0.0
707	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
707	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
708	1	57.33	0.0	0.0	-3.93	0.0	663.19	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	666.89	-1.96	0.0	0.0	0.0	0.0
708	2	44.10	0.0	0.0	-3.02	0.0	537.65	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	540.49	-1.51	0.0	0.0	0.0	0.0
708	3	44.10	0.0	0.0	-3.02	0.0	498.11	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	500.96	-1.51	0.0	0.0	0.0	0.0
708	4	44.10	0.0	0.0	-3.02	0.0	418.45	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	421.30	-1.51	0.0	0.0	0.0	0.0
708	5	44.10	0.0	0.0	-3.02	0.0	418.45	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	421.30	-1.51	0.0	0.0	0.0	0.0
709	1	57.33	0.0	0.0	-3.93	0.0	1.84	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.85	-1.96	0.0	0.0	0.0	0.0
709	3	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
709	4	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
709	5	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
710	1	86.46	0.0	0.0	-5.09	0.0	642.71	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	646.41	-2.54	0.0	0.0	0.0	0.0
710	2	66.51	0.0	0.0	-3.91	0.0	518.56	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	521.40	-1.96	0.0	0.0	0.0	0.0
710	3	66.51	0.0	0.0	-3.91	0.0	483.91	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	486.76	-1.96	0.0	0.0	0.0	0.0
710	4	66.51	0.0	0.0	-3.91	0.0	414.04	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	416.88	-1.96	0.0	0.0	0.0	0.0
710	5	66.51	0.0	0.0	-3.91	0.0	414.04	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	416.88	-1.96	0.0	0.0	0.0	0.0
711	1	86.46	0.0	0.0	-5.09	0.0	1.85	2.54	0.0	0.0	0.0	0.0



		0.0	0.0	0.0	0.0	136.0	-1.85	-2.54	0.0	0.0	0.0	0.0
711	3	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
711	4	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
711	5	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
712	1	53.47	0.0	0.0	-3.93	0.0	-1.57	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	1.57	-1.96	0.0	0.0	0.0	0.0
712	3	41.13	0.0	0.0	-3.02	0.0	-1.21	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	1.21	-1.51	0.0	0.0	0.0	0.0
712	4	41.13	0.0	0.0	-3.02	0.0	-1.21	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	1.20	-1.51	0.0	0.0	0.0	0.0
712	5	41.13	0.0	0.0	-3.02	0.0	-1.21	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	1.20	-1.51	0.0	0.0	0.0	0.0
713	1	53.47	0.0	0.0	-3.93	0.0	724.82	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	721.68	-1.96	0.0	0.0	0.0	0.0
713	2	41.13	0.0	0.0	-3.02	0.0	586.40	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	583.98	-1.51	0.0	0.0	0.0	0.0
713	3	41.13	0.0	0.0	-3.02	0.0	545.04	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	542.62	-1.51	0.0	0.0	0.0	0.0
713	4	41.13	0.0	0.0	-3.02	0.0	461.34	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	458.92	-1.51	0.0	0.0	0.0	0.0
713	5	41.13	0.0	0.0	-3.02	0.0	461.34	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	458.92	-1.51	0.0	0.0	0.0	0.0
714	1	58.66	0.0	0.0	-4.16	0.0	4.71	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	7.85	-2.08	0.0	0.0	0.0	0.0
714	2	45.13	0.0	0.0	-3.20	0.0	3.96	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	6.37	-1.60	0.0	0.0	0.0	0.0
714	3	45.13	0.0	0.0	-3.20	0.0	3.59	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	6.01	-1.60	0.0	0.0	0.0	0.0
714	4	45.13	0.0	0.0	-3.20	0.0	2.03	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	4.45	-1.60	0.0	0.0	0.0	0.0
714	5	45.13	0.0	0.0	-3.20	0.0	2.03	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	4.45	-1.60	0.0	0.0	0.0	0.0
715	1	58.66	0.0	0.0	-4.16	0.0	1.57	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	-1.58	-2.08	0.0	0.0	0.0	0.0
715	3	45.13	0.0	0.0	-3.20	0.0	1.21	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	-1.21	-1.60	0.0	0.0	0.0	0.0
715	4	45.13	0.0	0.0	-3.20	0.0	1.20	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	-1.21	-1.60	0.0	0.0	0.0	0.0
715	5	45.13	0.0	0.0	-3.20	0.0	1.20	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	-1.21	-1.60	0.0	0.0	0.0	0.0
716	1	53.47	0.0	0.0	-3.93	0.0	739.19	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	742.34	-1.96	0.0	0.0	0.0	0.0
716	2	41.13	0.0	0.0	-3.02	0.0	597.91	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	600.33	-1.51	0.0	0.0	0.0	0.0
716	3	41.13	0.0	0.0	-3.02	0.0	555.69	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	558.11	-1.51	0.0	0.0	0.0	0.0
716	4	41.13	0.0	0.0	-3.02	0.0	471.41	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	473.82	-1.51	0.0	0.0	0.0	0.0
716	5	41.13	0.0	0.0	-3.02	0.0	471.41	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	473.82	-1.51	0.0	0.0	0.0	0.0
717	1	53.47	0.0	0.0	-3.93	0.0	1.57	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	-1.58	-1.96	0.0	0.0	0.0	0.0
717	3	41.13	0.0	0.0	-3.02	0.0	1.20	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	-1.21	-1.51	0.0	0.0	0.0	0.0
717	4	41.13	0.0	0.0	-3.02	0.0	1.21	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	-1.21	-1.51	0.0	0.0	0.0	0.0
717	5	41.13	0.0	0.0	-3.02	0.0	1.21	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	-1.21	-1.51	0.0	0.0	0.0	0.0
718	1	54.72	0.0	0.0	-3.93	0.0	-1.67	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.66	-1.96	0.0	0.0	0.0	0.0
718	3	42.09	0.0	0.0	-3.02	0.0	-1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.28	-1.51	0.0	0.0	0.0	0.0
718	4	42.09	0.0	0.0	-3.02	0.0	-1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.28	-1.51	0.0	0.0	0.0	0.0
718	5	42.09	0.0	0.0	-3.02	0.0	-1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.28	-1.51	0.0	0.0	0.0	0.0
719	1	54.72	0.0	0.0	-3.93	0.0	528.24	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	524.92	-1.96	0.0	0.0	0.0	0.0
719	2	42.09	0.0	0.0	-3.02	0.0	427.34	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	424.78	-1.51	0.0	0.0	0.0	0.0
719	3	42.09	0.0	0.0	-3.02	0.0	396.66	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	394.10	-1.51	0.0	0.0	0.0	0.0
719	4	42.09	0.0	0.0	-3.02	0.0	336.07	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	333.51	-1.51	0.0	0.0	0.0	0.0

719	5	42.09	0.0	0.0	-3.02	0.0	336.07	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	333.51	-1.51	0.0	0.0	0.0	0.0
720	1	59.94	0.0	0.0	-4.16	0.0	2.95	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	6.27	-2.08	0.0	0.0	0.0	0.0
720	2	46.11	0.0	0.0	-3.20	0.0	2.36	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	4.92	-1.60	0.0	0.0	0.0	0.0
720	3	46.11	0.0	0.0	-3.20	0.0	2.11	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	4.68	-1.60	0.0	0.0	0.0	0.0
720	4	46.11	0.0	0.0	-3.20	0.0	2.04	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	4.60	-1.60	0.0	0.0	0.0	0.0
720	5	46.11	0.0	0.0	-3.20	0.0	2.04	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	4.60	-1.60	0.0	0.0	0.0	0.0
721	1	59.94	0.0	0.0	-4.16	0.0	1.66	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-1.67	-2.08	0.0	0.0	0.0	0.0
721	3	46.11	0.0	0.0	-3.20	0.0	1.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-1.28	-1.60	0.0	0.0	0.0	0.0
721	4	46.11	0.0	0.0	-3.20	0.0	1.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-1.28	-1.60	0.0	0.0	0.0	0.0
721	5	46.11	0.0	0.0	-3.20	0.0	1.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-1.28	-1.60	0.0	0.0	0.0	0.0
722	1	54.72	0.0	0.0	-3.93	0.0	543.14	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	546.47	-1.96	0.0	0.0	0.0	0.0
722	2	42.09	0.0	0.0	-3.02	0.0	439.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	441.99	-1.51	0.0	0.0	0.0	0.0
722	3	42.09	0.0	0.0	-3.02	0.0	407.82	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	410.38	-1.51	0.0	0.0	0.0	0.0
722	4	42.09	0.0	0.0	-3.02	0.0	345.34	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	347.90	-1.51	0.0	0.0	0.0	0.0
722	5	42.09	0.0	0.0	-3.02	0.0	345.34	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	347.90	-1.51	0.0	0.0	0.0	0.0
723	1	54.72	0.0	0.0	-3.93	0.0	1.66	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.67	-1.96	0.0	0.0	0.0	0.0
723	3	42.09	0.0	0.0	-3.02	0.0	1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.28	-1.51	0.0	0.0	0.0	0.0
723	4	42.09	0.0	0.0	-3.02	0.0	1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.28	-1.51	0.0	0.0	0.0	0.0
723	5	42.09	0.0	0.0	-3.02	0.0	1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.28	-1.51	0.0	0.0	0.0	0.0
724	1	114.06	0.0	0.0	-4.16	0.0	8.43	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	-0.81	-2.08	0.0	0.0	0.0	0.0
724	3	87.74	0.0	0.0	-3.20	0.0	6.48	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	-0.63	-1.60	0.0	0.0	0.0	0.0
724	4	87.74	0.0	0.0	-3.20	0.0	6.12	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	-0.99	-1.60	0.0	0.0	0.0	0.0
724	5	87.74	0.0	0.0	-3.20	0.0	6.12	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	-0.99	-1.60	0.0	0.0	0.0	0.0
725	1	114.06	0.0	0.0	-4.16	0.0	-4.63	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	4.62	-2.08	0.0	0.0	0.0	0.0
725	3	87.74	0.0	0.0	-3.20	0.0	-3.56	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	3.55	-1.60	0.0	0.0	0.0	0.0
725	4	87.74	0.0	0.0	-3.20	0.0	-3.56	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	3.55	-1.60	0.0	0.0	0.0	0.0
725	5	87.74	0.0	0.0	-3.20	0.0	-3.56	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	3.55	-1.60	0.0	0.0	0.0	0.0
726	1	86.46	0.0	0.0	-5.09	0.0	185.62	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	181.92	-2.54	0.0	0.0	0.0	0.0
726	2	66.51	0.0	0.0	-3.91	0.0	148.98	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	146.13	-1.96	0.0	0.0	0.0	0.0
726	3	66.51	0.0	0.0	-3.91	0.0	140.10	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	137.26	-1.96	0.0	0.0	0.0	0.0
726	4	66.51	0.0	0.0	-3.91	0.0	122.13	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	119.29	-1.96	0.0	0.0	0.0	0.0
726	5	66.51	0.0	0.0	-3.91	0.0	122.13	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	119.29	-1.96	0.0	0.0	0.0	0.0
727	1	86.46	0.0	0.0	-5.09	0.0	-1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.85	-2.54	0.0	0.0	0.0	0.0
727	3	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
727	4	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
727	5	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
728	1	54.72	0.0	0.0	-3.93	0.0	-1.67	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.66	-1.96	0.0	0.0	0.0	0.0
728	3	42.09	0.0	0.0	-3.02	0.0	-1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.28	-1.51	0.0	0.0	0.0	0.0
728	4	42.09	0.0	0.0	-3.02	0.0	-1.28	1.51	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	111.4	1.28	-1.51	0.0	0.0	0.0	0.0
728	5	42.09	0.0	0.0	-3.02	0.0	-1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.28	-1.51	0.0	0.0	0.0	0.0
729	1	54.72	0.0	0.0	-3.93	0.0	508.82	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	505.49	-1.96	0.0	0.0	0.0	0.0
729	2	42.09	0.0	0.0	-3.02	0.0	411.27	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	408.71	-1.51	0.0	0.0	0.0	0.0
729	3	42.09	0.0	0.0	-3.02	0.0	382.96	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	380.40	-1.51	0.0	0.0	0.0	0.0
729	4	42.09	0.0	0.0	-3.02	0.0	325.20	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	322.64	-1.51	0.0	0.0	0.0	0.0
729	5	42.09	0.0	0.0	-3.02	0.0	325.20	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	322.64	-1.51	0.0	0.0	0.0	0.0
730	1	59.94	0.0	0.0	-4.16	0.0	-0.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	2.47	-2.08	0.0	0.0	0.0	0.0
730	2	46.11	0.0	0.0	-3.20	0.0	-0.86	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	1.70	-1.60	0.0	0.0	0.0	0.0
730	3	46.11	0.0	0.0	-3.20	0.0	-0.83	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	1.73	-1.60	0.0	0.0	0.0	0.0
730	4	46.11	0.0	0.0	-3.20	0.0	-0.67	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	1.89	-1.60	0.0	0.0	0.0	0.0
730	5	46.11	0.0	0.0	-3.20	0.0	-0.67	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	1.89	-1.60	0.0	0.0	0.0	0.0
731	1	59.94	0.0	0.0	-4.16	0.0	1.66	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-1.67	-2.08	0.0	0.0	0.0	0.0
731	3	46.11	0.0	0.0	-3.20	0.0	1.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-1.28	-1.60	0.0	0.0	0.0	0.0
731	4	46.11	0.0	0.0	-3.20	0.0	1.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-1.28	-1.60	0.0	0.0	0.0	0.0
731	5	46.11	0.0	0.0	-3.20	0.0	1.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-1.28	-1.60	0.0	0.0	0.0	0.0
732	1	54.72	0.0	0.0	-3.93	0.0	515.89	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	519.22	-1.96	0.0	0.0	0.0	0.0
732	2	42.09	0.0	0.0	-3.02	0.0	417.26	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	419.82	-1.51	0.0	0.0	0.0	0.0
732	3	42.09	0.0	0.0	-3.02	0.0	388.36	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	390.92	-1.51	0.0	0.0	0.0	0.0
732	4	42.09	0.0	0.0	-3.02	0.0	329.65	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	332.21	-1.51	0.0	0.0	0.0	0.0
732	5	42.09	0.0	0.0	-3.02	0.0	329.65	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	332.21	-1.51	0.0	0.0	0.0	0.0
733	1	54.72	0.0	0.0	-3.93	0.0	1.66	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.67	-1.96	0.0	0.0	0.0	0.0
733	3	42.09	0.0	0.0	-3.02	0.0	1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.28	-1.51	0.0	0.0	0.0	0.0
733	4	42.09	0.0	0.0	-3.02	0.0	1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.28	-1.51	0.0	0.0	0.0	0.0
733	5	42.09	0.0	0.0	-3.02	0.0	1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.28	-1.51	0.0	0.0	0.0	0.0
734	1	86.46	0.0	0.0	-5.09	0.0	289.07	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	292.77	-2.54	0.0	0.0	0.0	0.0
734	2	66.51	0.0	0.0	-3.91	0.0	232.80	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	235.65	-1.96	0.0	0.0	0.0	0.0
734	3	66.51	0.0	0.0	-3.91	0.0	217.76	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	220.60	-1.96	0.0	0.0	0.0	0.0
734	4	66.51	0.0	0.0	-3.91	0.0	187.58	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	190.42	-1.96	0.0	0.0	0.0	0.0
734	5	66.51	0.0	0.0	-3.91	0.0	187.58	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	190.42	-1.96	0.0	0.0	0.0	0.0
735	1	86.46	0.0	0.0	-5.09	0.0	1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.85	-2.54	0.0	0.0	0.0	0.0
735	3	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
735	4	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
735	5	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
736	1	57.33	0.0	0.0	-3.93	0.0	-1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.85	-1.96	0.0	0.0	0.0	0.0
736	3	44.10	0.0	0.0	-3.02	0.0	-1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
736	4	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
736	5	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
737	1	57.33	0.0	0.0	-3.93	0.0	543.80	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	540.10	-1.96	0.0	0.0	0.0	0.0

737	2	44.10	0.0	0.0	-3.02	0.0	440.47	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	437.62	-1.51	0.0	0.0	0.0	0.0
737	3	44.10	0.0	0.0	-3.02	0.0	408.48	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	405.64	-1.51	0.0	0.0	0.0	0.0
737	4	44.10	0.0	0.0	-3.02	0.0	344.61	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	341.76	-1.51	0.0	0.0	0.0	0.0
737	5	44.10	0.0	0.0	-3.02	0.0	344.61	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	341.76	-1.51	0.0	0.0	0.0	0.0
738	1	62.62	0.0	0.0	-4.16	0.0	-1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.85	-2.08	0.0	0.0	0.0	0.0
738	3	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
738	4	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
738	5	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
739	1	62.62	0.0	0.0	-4.16	0.0	2.02	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.68	-2.08	0.0	0.0	0.0	0.0
739	3	48.17	0.0	0.0	-3.20	0.0	1.54	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.30	-1.60	0.0	0.0	0.0	0.0
739	4	48.17	0.0	0.0	-3.20	0.0	1.71	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.13	-1.60	0.0	0.0	0.0	0.0
739	5	48.17	0.0	0.0	-3.20	0.0	1.71	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.13	-1.60	0.0	0.0	0.0	0.0
740	1	57.33	0.0	0.0	-3.93	0.0	567.31	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	571.01	-1.96	0.0	0.0	0.0	0.0
740	2	44.10	0.0	0.0	-3.02	0.0	459.44	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	462.29	-1.51	0.0	0.0	0.0	0.0
740	3	44.10	0.0	0.0	-3.02	0.0	425.99	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	428.84	-1.51	0.0	0.0	0.0	0.0
740	4	44.10	0.0	0.0	-3.02	0.0	359.52	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	362.36	-1.51	0.0	0.0	0.0	0.0
740	5	44.10	0.0	0.0	-3.02	0.0	359.52	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	362.36	-1.51	0.0	0.0	0.0	0.0
741	1	57.33	0.0	0.0	-3.93	0.0	1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.85	-1.96	0.0	0.0	0.0	0.0
741	3	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.42	-1.51	0.0	0.0	0.0	0.0
741	4	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
741	5	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
742	1	53.47	0.0	0.0	-3.93	0.0	-1.57	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	1.57	-1.96	0.0	0.0	0.0	0.0
742	3	41.13	0.0	0.0	-3.02	0.0	-1.21	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	1.21	-1.51	0.0	0.0	0.0	0.0
742	4	41.13	0.0	0.0	-3.02	0.0	-1.21	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	1.20	-1.51	0.0	0.0	0.0	0.0
742	5	41.13	0.0	0.0	-3.02	0.0	-1.21	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	1.20	-1.51	0.0	0.0	0.0	0.0
743	1	53.47	0.0	0.0	-3.93	0.0	613.19	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	610.05	-1.96	0.0	0.0	0.0	0.0
743	2	41.13	0.0	0.0	-3.02	0.0	495.46	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	493.04	-1.51	0.0	0.0	0.0	0.0
743	3	41.13	0.0	0.0	-3.02	0.0	460.93	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	458.51	-1.51	0.0	0.0	0.0	0.0
743	4	41.13	0.0	0.0	-3.02	0.0	392.48	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	390.06	-1.51	0.0	0.0	0.0	0.0
743	5	41.13	0.0	0.0	-3.02	0.0	392.48	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	390.06	-1.51	0.0	0.0	0.0	0.0
744	1	58.66	0.0	0.0	-4.16	0.0	-0.41	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	2.73	-2.08	0.0	0.0	0.0	0.0
744	3	45.13	0.0	0.0	-3.20	0.0	-0.41	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	2.01	-1.60	0.0	0.0	0.0	0.0
744	4	45.13	0.0	0.0	-3.20	0.0	-0.26	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	2.15	-1.60	0.0	0.0	0.0	0.0
744	5	45.13	0.0	0.0	-3.20	0.0	-0.26	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	2.15	-1.60	0.0	0.0	0.0	0.0
745	1	58.66	0.0	0.0	-4.16	0.0	1.57	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	-1.57	-2.08	0.0	0.0	0.0	0.0
745	3	45.13	0.0	0.0	-3.20	0.0	1.20	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	-1.21	-1.60	0.0	0.0	0.0	0.0
745	4	45.13	0.0	0.0	-3.20	0.0	1.20	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	-1.21	-1.60	0.0	0.0	0.0	0.0
745	5	45.13	0.0	0.0	-3.20	0.0	1.20	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	-1.21	-1.60	0.0	0.0	0.0	0.0
746	1	53.47	0.0	0.0	-3.93	0.0	582.39	1.96	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	108.9	585.54	-1.96	0.0	0.0	0.0	0.0
746	2	41.13	0.0	0.0	-3.02	0.0	470.89	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	473.31	-1.51	0.0	0.0	0.0	0.0
746	3	41.13	0.0	0.0	-3.02	0.0	437.74	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	440.15	-1.51	0.0	0.0	0.0	0.0
746	4	41.13	0.0	0.0	-3.02	0.0	371.30	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	373.72	-1.51	0.0	0.0	0.0	0.0
746	5	41.13	0.0	0.0	-3.02	0.0	371.30	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	373.72	-1.51	0.0	0.0	0.0	0.0
747	1	53.47	0.0	0.0	-3.93	0.0	1.57	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	-1.58	-1.96	0.0	0.0	0.0	0.0
747	3	41.13	0.0	0.0	-3.02	0.0	1.21	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	-1.21	-1.51	0.0	0.0	0.0	0.0
747	4	41.13	0.0	0.0	-3.02	0.0	1.20	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	-1.21	-1.51	0.0	0.0	0.0	0.0
747	5	41.13	0.0	0.0	-3.02	0.0	1.20	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	-1.21	-1.51	0.0	0.0	0.0	0.0
748	1	54.72	0.0	0.0	-3.93	0.0	-1.67	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.66	-1.96	0.0	0.0	0.0	0.0
748	3	42.09	0.0	0.0	-3.02	0.0	-1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.28	-1.51	0.0	0.0	0.0	0.0
748	4	42.09	0.0	0.0	-3.02	0.0	-1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.28	-1.51	0.0	0.0	0.0	0.0
748	5	42.09	0.0	0.0	-3.02	0.0	-1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.28	-1.51	0.0	0.0	0.0	0.0
749	1	54.72	0.0	0.0	-3.93	0.0	447.64	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	444.31	-1.96	0.0	0.0	0.0	0.0
749	2	42.09	0.0	0.0	-3.02	0.0	361.62	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	359.06	-1.51	0.0	0.0	0.0	0.0
749	3	42.09	0.0	0.0	-3.02	0.0	336.90	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	334.34	-1.51	0.0	0.0	0.0	0.0
749	4	42.09	0.0	0.0	-3.02	0.0	286.73	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	284.17	-1.51	0.0	0.0	0.0	0.0
749	5	42.09	0.0	0.0	-3.02	0.0	286.73	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	284.17	-1.51	0.0	0.0	0.0	0.0
750	1	59.94	0.0	0.0	-4.16	0.0	2.03	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	5.36	-2.08	0.0	0.0	0.0	0.0
750	2	46.11	0.0	0.0	-3.20	0.0	1.69	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	4.25	-1.60	0.0	0.0	0.0	0.0
750	3	46.11	0.0	0.0	-3.20	0.0	1.45	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	4.01	-1.60	0.0	0.0	0.0	0.0
750	4	46.11	0.0	0.0	-3.20	0.0	0.49	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	3.05	-1.60	0.0	0.0	0.0	0.0
750	5	46.11	0.0	0.0	-3.20	0.0	0.49	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	3.05	-1.60	0.0	0.0	0.0	0.0
751	1	59.94	0.0	0.0	-4.16	0.0	1.66	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-1.67	-2.08	0.0	0.0	0.0	0.0
751	3	46.11	0.0	0.0	-3.20	0.0	1.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-1.28	-1.60	0.0	0.0	0.0	0.0
751	4	46.11	0.0	0.0	-3.20	0.0	1.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-1.28	-1.60	0.0	0.0	0.0	0.0
751	5	46.11	0.0	0.0	-3.20	0.0	1.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-1.28	-1.60	0.0	0.0	0.0	0.0
752	1	54.72	0.0	0.0	-3.93	0.0	412.71	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	416.03	-1.96	0.0	0.0	0.0	0.0
752	2	42.09	0.0	0.0	-3.02	0.0	333.70	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	336.26	-1.51	0.0	0.0	0.0	0.0
752	3	42.09	0.0	0.0	-3.02	0.0	310.55	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	313.11	-1.51	0.0	0.0	0.0	0.0
752	4	42.09	0.0	0.0	-3.02	0.0	263.62	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	266.18	-1.51	0.0	0.0	0.0	0.0
752	5	42.09	0.0	0.0	-3.02	0.0	263.62	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	266.18	-1.51	0.0	0.0	0.0	0.0
753	1	54.72	0.0	0.0	-3.93	0.0	1.66	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.67	-1.96	0.0	0.0	0.0	0.0
753	3	42.09	0.0	0.0	-3.02	0.0	1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.28	-1.51	0.0	0.0	0.0	0.0
753	4	42.09	0.0	0.0	-3.02	0.0	1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.28	-1.51	0.0	0.0	0.0	0.0
753	5	42.09	0.0	0.0	-3.02	0.0	1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.28	-1.51	0.0	0.0	0.0	0.0
754	1	69.97	0.0	0.0	-4.16	0.0	-2.31	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	2.31	-2.08	0.0	0.0	0.0	0.0
754	3	53.82	0.0	0.0	-3.20	0.0	-1.78	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	1.77	-1.60	0.0	0.0	0.0	0.0
754	4	53.82	0.0	0.0	-3.20	0.0	-1.78	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	1.77	-1.60	0.0	0.0	0.0	0.0

754	5	53.82	0.0	0.0	-3.20	0.0	-1.78	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	1.77	-1.60	0.0	0.0	0.0	0.0
755	1	69.97	0.0	0.0	-4.16	0.0	69.61	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	64.98	-2.08	0.0	0.0	0.0	0.0
755	2	53.82	0.0	0.0	-3.20	0.0	55.93	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	52.37	-1.60	0.0	0.0	0.0	0.0
755	3	53.82	0.0	0.0	-3.20	0.0	52.47	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	48.92	-1.60	0.0	0.0	0.0	0.0
755	4	53.82	0.0	0.0	-3.20	0.0	45.60	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	42.04	-1.60	0.0	0.0	0.0	0.0
755	5	53.82	0.0	0.0	-3.20	0.0	45.60	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	42.04	-1.60	0.0	0.0	0.0	0.0
756	1	69.97	0.0	0.0	-4.16	0.0	74.76	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	79.38	-2.08	0.0	0.0	0.0	0.0
756	2	53.82	0.0	0.0	-3.20	0.0	60.35	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	63.90	-1.60	0.0	0.0	0.0	0.0
756	3	53.82	0.0	0.0	-3.20	0.0	56.27	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	59.83	-1.60	0.0	0.0	0.0	0.0
756	4	53.82	0.0	0.0	-3.20	0.0	48.06	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	51.62	-1.60	0.0	0.0	0.0	0.0
756	5	53.82	0.0	0.0	-3.20	0.0	48.06	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	51.62	-1.60	0.0	0.0	0.0	0.0
757	1	69.97	0.0	0.0	-4.16	0.0	2.31	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-2.32	-2.08	0.0	0.0	0.0	0.0
757	3	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
757	4	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
757	5	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
758	1	69.97	0.0	0.0	-4.16	0.0	303.92	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	308.54	-2.08	0.0	0.0	0.0	0.0
758	2	53.82	0.0	0.0	-3.20	0.0	245.12	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	248.67	-1.60	0.0	0.0	0.0	0.0
758	3	53.82	0.0	0.0	-3.20	0.0	228.79	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	232.35	-1.60	0.0	0.0	0.0	0.0
758	4	53.82	0.0	0.0	-3.20	0.0	196.02	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	199.58	-1.60	0.0	0.0	0.0	0.0
758	5	53.82	0.0	0.0	-3.20	0.0	196.02	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	199.58	-1.60	0.0	0.0	0.0	0.0
759	1	69.97	0.0	0.0	-4.16	0.0	2.31	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-2.31	-2.08	0.0	0.0	0.0	0.0
759	3	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
759	4	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
759	5	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
760	1	114.06	0.0	0.0	-4.16	0.0	-4.63	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	4.62	-2.08	0.0	0.0	0.0	0.0
760	3	87.74	0.0	0.0	-3.20	0.0	-3.56	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	3.55	-1.60	0.0	0.0	0.0	0.0
760	4	87.74	0.0	0.0	-3.20	0.0	-3.56	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	3.55	-1.60	0.0	0.0	0.0	0.0
760	5	87.74	0.0	0.0	-3.20	0.0	-3.56	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	3.55	-1.60	0.0	0.0	0.0	0.0
761	1	62.62	0.0	0.0	-4.16	0.0	7.78	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	4.08	-2.08	0.0	0.0	0.0	0.0
761	2	48.17	0.0	0.0	-3.20	0.0	6.40	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	3.56	-1.60	0.0	0.0	0.0	0.0
761	3	48.17	0.0	0.0	-3.20	0.0	5.69	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	2.84	-1.60	0.0	0.0	0.0	0.0
761	4	48.17	0.0	0.0	-3.20	0.0	4.57	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.72	-1.60	0.0	0.0	0.0	0.0
761	5	48.17	0.0	0.0	-3.20	0.0	4.57	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.72	-1.60	0.0	0.0	0.0	0.0
762	1	62.62	0.0	0.0	-4.16	0.0	1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
762	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
762	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
762	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
763	1	62.62	0.0	0.0	-4.16	0.0	1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
763	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	120.4	-1.42	-1.60	0.0	0.0	0.0	0.0
763	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.42	-1.60	0.0	0.0	0.0	0.0
763	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.42	-1.60	0.0	0.0	0.0	0.0
764	1	62.62	0.0	0.0	-4.16	0.0	81.49	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	77.79	-2.08	0.0	0.0	0.0	0.0
764	2	48.17	0.0	0.0	-3.20	0.0	65.46	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	62.61	-1.60	0.0	0.0	0.0	0.0
764	3	48.17	0.0	0.0	-3.20	0.0	61.45	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	58.60	-1.60	0.0	0.0	0.0	0.0
764	4	48.17	0.0	0.0	-3.20	0.0	53.30	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	50.45	-1.60	0.0	0.0	0.0	0.0
764	5	48.17	0.0	0.0	-3.20	0.0	53.30	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	50.45	-1.60	0.0	0.0	0.0	0.0
765	1	62.62	0.0	0.0	-4.16	0.0	1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
765	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.42	-1.60	0.0	0.0	0.0	0.0
765	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.42	-1.60	0.0	0.0	0.0	0.0
765	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.42	-1.60	0.0	0.0	0.0	0.0
766	1	62.62	0.0	0.0	-4.16	0.0	1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
766	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
766	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
766	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
767	1	62.62	0.0	0.0	-4.16	0.0	78.38	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	74.69	-2.08	0.0	0.0	0.0	0.0
767	2	48.17	0.0	0.0	-3.20	0.0	62.94	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	60.09	-1.60	0.0	0.0	0.0	0.0
767	3	48.17	0.0	0.0	-3.20	0.0	59.12	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	56.28	-1.60	0.0	0.0	0.0	0.0
767	4	48.17	0.0	0.0	-3.20	0.0	51.48	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	48.63	-1.60	0.0	0.0	0.0	0.0
767	5	48.17	0.0	0.0	-3.20	0.0	51.48	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	48.63	-1.60	0.0	0.0	0.0	0.0
768	1	86.46	0.0	0.0	-5.09	0.0	271.92	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	268.22	-2.54	0.0	0.0	0.0	0.0
768	2	66.51	0.0	0.0	-3.91	0.0	219.18	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	216.34	-1.96	0.0	0.0	0.0	0.0
768	3	66.51	0.0	0.0	-3.91	0.0	204.73	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	201.89	-1.96	0.0	0.0	0.0	0.0
768	4	66.51	0.0	0.0	-3.91	0.0	175.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	172.93	-1.96	0.0	0.0	0.0	0.0
768	5	66.51	0.0	0.0	-3.91	0.0	175.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	172.93	-1.96	0.0	0.0	0.0	0.0
769	1	57.33	0.0	0.0	-3.93	0.0	-1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.85	-1.96	0.0	0.0	0.0	0.0
769	3	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
769	4	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
769	5	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
770	1	57.33	0.0	0.0	-3.93	0.0	547.17	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	543.47	-1.96	0.0	0.0	0.0	0.0
770	2	44.10	0.0	0.0	-3.02	0.0	442.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	439.57	-1.51	0.0	0.0	0.0	0.0
770	3	44.10	0.0	0.0	-3.02	0.0	411.21	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	408.37	-1.51	0.0	0.0	0.0	0.0
770	4	44.10	0.0	0.0	-3.02	0.0	349.02	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	346.17	-1.51	0.0	0.0	0.0	0.0
770	5	44.10	0.0	0.0	-3.02	0.0	349.02	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	346.17	-1.51	0.0	0.0	0.0	0.0
771	1	114.06	0.0	0.0	-4.16	0.0	7.00	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	-2.24	-2.08	0.0	0.0	0.0	0.0
771	3	87.74	0.0	0.0	-3.20	0.0	5.49	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	-1.63	-1.60	0.0	0.0	0.0	0.0
771	4	87.74	0.0	0.0	-3.20	0.0	5.46	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	-1.65	-1.60	0.0	0.0	0.0	0.0
771	5	87.74	0.0	0.0	-3.20	0.0	5.46	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	219.3	-1.65	-1.60	0.0	0.0	0.0	0.0

772	1	62.62	0.0	0.0	-4.16	0.0	15.44	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	19.14	-2.08	0.0	0.0	0.0	0.0
772	2	48.17	0.0	0.0	-3.20	0.0	12.41	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	15.25	-1.60	0.0	0.0	0.0	0.0
772	3	48.17	0.0	0.0	-3.20	0.0	11.70	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	14.55	-1.60	0.0	0.0	0.0	0.0
772	4	48.17	0.0	0.0	-3.20	0.0	10.05	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	12.89	-1.60	0.0	0.0	0.0	0.0
772	5	48.17	0.0	0.0	-3.20	0.0	10.05	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	12.89	-1.60	0.0	0.0	0.0	0.0
773	1	62.62	0.0	0.0	-4.16	0.0	1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
773	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.42	-1.60	0.0	0.0	0.0	0.0
773	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
773	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
774	1	57.33	0.0	0.0	-3.93	0.0	641.97	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	645.67	-1.96	0.0	0.0	0.0	0.0
774	2	44.10	0.0	0.0	-3.02	0.0	518.99	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	521.84	-1.51	0.0	0.0	0.0	0.0
774	3	44.10	0.0	0.0	-3.02	0.0	482.63	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	485.48	-1.51	0.0	0.0	0.0	0.0
774	4	44.10	0.0	0.0	-3.02	0.0	409.95	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	412.80	-1.51	0.0	0.0	0.0	0.0
774	5	44.10	0.0	0.0	-3.02	0.0	409.95	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	412.80	-1.51	0.0	0.0	0.0	0.0
775	1	62.62	0.0	0.0	-4.16	0.0	62.55	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	58.86	-2.08	0.0	0.0	0.0	0.0
775	2	48.17	0.0	0.0	-3.20	0.0	50.03	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	47.19	-1.60	0.0	0.0	0.0	0.0
775	3	48.17	0.0	0.0	-3.20	0.0	47.06	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	44.21	-1.60	0.0	0.0	0.0	0.0
775	4	48.17	0.0	0.0	-3.20	0.0	41.69	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	38.85	-1.60	0.0	0.0	0.0	0.0
775	5	48.17	0.0	0.0	-3.20	0.0	41.69	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	38.85	-1.60	0.0	0.0	0.0	0.0
776	1	86.46	0.0	0.0	-5.09	0.0	-1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.85	-2.54	0.0	0.0	0.0	0.0
776	3	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
776	4	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
776	5	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
777	1	86.46	0.0	0.0	-5.09	0.0	-1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.85	-2.54	0.0	0.0	0.0	0.0
777	3	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
777	4	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
777	5	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
778	1	86.46	0.0	0.0	-5.09	0.0	354.30	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	350.60	-2.54	0.0	0.0	0.0	0.0
778	2	66.51	0.0	0.0	-3.91	0.0	285.79	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	282.95	-1.96	0.0	0.0	0.0	0.0
778	3	66.51	0.0	0.0	-3.91	0.0	266.63	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	263.79	-1.96	0.0	0.0	0.0	0.0
778	4	66.51	0.0	0.0	-3.91	0.0	228.41	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	225.57	-1.96	0.0	0.0	0.0	0.0
778	5	66.51	0.0	0.0	-3.91	0.0	228.41	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	225.57	-1.96	0.0	0.0	0.0	0.0
779	1	57.33	0.0	0.0	-3.93	0.0	46.98	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	50.67	-1.96	0.0	0.0	0.0	0.0
779	2	44.10	0.0	0.0	-3.02	0.0	39.56	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	42.41	-1.51	0.0	0.0	0.0	0.0
779	3	44.10	0.0	0.0	-3.02	0.0	34.61	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	37.45	-1.51	0.0	0.0	0.0	0.0
779	4	44.10	0.0	0.0	-3.02	0.0	24.78	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	27.62	-1.51	0.0	0.0	0.0	0.0
779	5	44.10	0.0	0.0	-3.02	0.0	24.78	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	27.62	-1.51	0.0	0.0	0.0	0.0
780	1	57.33	0.0	0.0	-3.93	0.0	1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.85	-1.96	0.0	0.0	0.0	0.0
780	3	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	116.7	-1.42	-1.51	0.0	0.0	0.0	0.0
780	4	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
780	5	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
781	1	62.62	0.0	0.0	-4.16	0.0	97.41	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	101.11	-2.08	0.0	0.0	0.0	0.0
781	2	48.17	0.0	0.0	-3.20	0.0	78.53	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	81.37	-1.60	0.0	0.0	0.0	0.0
781	3	48.17	0.0	0.0	-3.20	0.0	73.32	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	76.17	-1.60	0.0	0.0	0.0	0.0
781	4	48.17	0.0	0.0	-3.20	0.0	62.98	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	65.83	-1.60	0.0	0.0	0.0	0.0
781	5	48.17	0.0	0.0	-3.20	0.0	62.98	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	65.83	-1.60	0.0	0.0	0.0	0.0
782	1	62.62	0.0	0.0	-4.16	0.0	1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
782	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.42	-1.60	0.0	0.0	0.0	0.0
782	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
782	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
783	1	57.33	0.0	0.0	-3.93	0.0	138.41	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	142.11	-1.96	0.0	0.0	0.0	0.0
783	2	44.10	0.0	0.0	-3.02	0.0	109.86	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	112.71	-1.51	0.0	0.0	0.0	0.0
783	3	44.10	0.0	0.0	-3.02	0.0	104.95	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	107.80	-1.51	0.0	0.0	0.0	0.0
783	4	44.10	0.0	0.0	-3.02	0.0	95.21	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	98.06	-1.51	0.0	0.0	0.0	0.0
783	5	44.10	0.0	0.0	-3.02	0.0	95.21	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	98.06	-1.51	0.0	0.0	0.0	0.0
784	1	57.33	0.0	0.0	-3.93	0.0	1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.85	-1.96	0.0	0.0	0.0	0.0
784	3	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
784	4	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
784	5	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
785	1	86.46	0.0	0.0	-5.09	0.0	90.95	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	94.65	-2.54	0.0	0.0	0.0	0.0
785	2	66.51	0.0	0.0	-3.91	0.0	73.83	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	76.68	-1.96	0.0	0.0	0.0	0.0
785	3	66.51	0.0	0.0	-3.91	0.0	68.25	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	71.10	-1.96	0.0	0.0	0.0	0.0
785	4	66.51	0.0	0.0	-3.91	0.0	56.98	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	59.82	-1.96	0.0	0.0	0.0	0.0
785	5	66.51	0.0	0.0	-3.91	0.0	56.98	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	59.82	-1.96	0.0	0.0	0.0	0.0
786	1	86.46	0.0	0.0	-5.09	0.0	1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.85	-2.54	0.0	0.0	0.0	0.0
786	3	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
786	4	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
786	5	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
787	1	57.33	0.0	0.0	-3.93	0.0	-1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.85	-1.96	0.0	0.0	0.0	0.0
787	3	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
787	4	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
787	5	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
788	1	57.33	0.0	0.0	-3.93	0.0	955.29	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	951.59	-1.96	0.0	0.0	0.0	0.0
788	2	44.10	0.0	0.0	-3.02	0.0	773.06	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	770.21	-1.51	0.0	0.0	0.0	0.0
788	3	44.10	0.0	0.0	-3.02	0.0	717.65	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	714.80	-1.51	0.0	0.0	0.0	0.0
788	4	44.10	0.0	0.0	-3.02	0.0	607.02	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	604.17	-1.51	0.0	0.0	0.0	0.0
788	5	44.10	0.0	0.0	-3.02	0.0	607.02	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	604.17	-1.51	0.0	0.0	0.0	0.0

789	1	62.62	0.0	0.0	-4.16	0.0	5.11	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	8.81	-2.08	0.0	0.0	0.0	0.0
789	2	48.17	0.0	0.0	-3.20	0.0	4.12	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	6.97	-1.60	0.0	0.0	0.0	0.0
789	3	48.17	0.0	0.0	-3.20	0.0	3.71	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	6.56	-1.60	0.0	0.0	0.0	0.0
789	4	48.17	0.0	0.0	-3.20	0.0	2.94	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	5.78	-1.60	0.0	0.0	0.0	0.0
789	5	48.17	0.0	0.0	-3.20	0.0	2.94	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	5.78	-1.60	0.0	0.0	0.0	0.0
790	1	62.62	0.0	0.0	-4.16	0.0	1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
790	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
790	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
790	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
791	1	57.33	0.0	0.0	-3.93	0.0	966.80	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	970.50	-1.96	0.0	0.0	0.0	0.0
791	2	44.10	0.0	0.0	-3.02	0.0	782.57	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	785.41	-1.51	0.0	0.0	0.0	0.0
791	3	44.10	0.0	0.0	-3.02	0.0	726.37	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	729.21	-1.51	0.0	0.0	0.0	0.0
791	4	44.10	0.0	0.0	-3.02	0.0	614.18	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	617.02	-1.51	0.0	0.0	0.0	0.0
791	5	44.10	0.0	0.0	-3.02	0.0	614.18	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	617.02	-1.51	0.0	0.0	0.0	0.0
792	1	57.33	0.0	0.0	-3.93	0.0	1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.85	-1.96	0.0	0.0	0.0	0.0
792	3	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
792	4	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
792	5	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
793	1	54.72	0.0	0.0	-3.93	0.0	-1.67	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.66	-1.96	0.0	0.0	0.0	0.0
793	3	42.09	0.0	0.0	-3.02	0.0	-1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.28	-1.51	0.0	0.0	0.0	0.0
793	4	42.09	0.0	0.0	-3.02	0.0	-1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.28	-1.51	0.0	0.0	0.0	0.0
793	5	42.09	0.0	0.0	-3.02	0.0	-1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.28	-1.51	0.0	0.0	0.0	0.0
794	1	54.72	0.0	0.0	-3.93	0.0	686.68	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	683.36	-1.96	0.0	0.0	0.0	0.0
794	2	42.09	0.0	0.0	-3.02	0.0	555.34	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	552.78	-1.51	0.0	0.0	0.0	0.0
794	3	42.09	0.0	0.0	-3.02	0.0	516.14	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	513.58	-1.51	0.0	0.0	0.0	0.0
794	4	42.09	0.0	0.0	-3.02	0.0	437.93	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	435.37	-1.51	0.0	0.0	0.0	0.0
794	5	42.09	0.0	0.0	-3.02	0.0	437.93	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	435.37	-1.51	0.0	0.0	0.0	0.0
795	1	59.94	0.0	0.0	-4.16	0.0	2.08	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	5.40	-2.08	0.0	0.0	0.0	0.0
795	2	46.11	0.0	0.0	-3.20	0.0	1.81	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	4.37	-1.60	0.0	0.0	0.0	0.0
795	3	46.11	0.0	0.0	-3.20	0.0	1.62	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	4.18	-1.60	0.0	0.0	0.0	0.0
795	4	46.11	0.0	0.0	-3.20	0.0	1.45	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	4.01	-1.60	0.0	0.0	0.0	0.0
795	5	46.11	0.0	0.0	-3.20	0.0	1.45	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	4.01	-1.60	0.0	0.0	0.0	0.0
796	1	59.94	0.0	0.0	-4.16	0.0	1.66	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-1.67	-2.08	0.0	0.0	0.0	0.0
796	3	46.11	0.0	0.0	-3.20	0.0	1.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-1.28	-1.60	0.0	0.0	0.0	0.0
796	4	46.11	0.0	0.0	-3.20	0.0	1.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-1.28	-1.60	0.0	0.0	0.0	0.0
796	5	46.11	0.0	0.0	-3.20	0.0	1.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-1.28	-1.60	0.0	0.0	0.0	0.0
797	1	54.72	0.0	0.0	-3.93	0.0	691.57	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	694.89	-1.96	0.0	0.0	0.0	0.0
797	2	42.09	0.0	0.0	-3.02	0.0	559.33	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	561.89	-1.51	0.0	0.0	0.0	0.0
797	3	42.09	0.0	0.0	-3.02	0.0	519.69	1.51	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	111.4	522.25	-1.51	0.0	0.0	0.0	0.0
797	4	42.09	0.0	0.0	-3.02	0.0	440.46	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	443.02	-1.51	0.0	0.0	0.0	0.0
797	5	42.09	0.0	0.0	-3.02	0.0	440.46	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	443.02	-1.51	0.0	0.0	0.0	0.0
798	1	54.72	0.0	0.0	-3.93	0.0	1.66	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.67	-1.96	0.0	0.0	0.0	0.0
798	3	42.09	0.0	0.0	-3.02	0.0	1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.28	-1.51	0.0	0.0	0.0	0.0
798	4	42.09	0.0	0.0	-3.02	0.0	1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.28	-1.51	0.0	0.0	0.0	0.0
798	5	42.09	0.0	0.0	-3.02	0.0	1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.28	-1.51	0.0	0.0	0.0	0.0
799	1	57.33	0.0	0.0	-3.93	0.0	-1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.85	-1.96	0.0	0.0	0.0	0.0
799	3	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
799	4	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
799	5	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
800	1	57.33	0.0	0.0	-3.93	0.0	720.17	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	716.48	-1.96	0.0	0.0	0.0	0.0
800	2	44.10	0.0	0.0	-3.02	0.0	583.24	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	580.40	-1.51	0.0	0.0	0.0	0.0
800	3	44.10	0.0	0.0	-3.02	0.0	540.74	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	537.89	-1.51	0.0	0.0	0.0	0.0
800	4	44.10	0.0	0.0	-3.02	0.0	456.17	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	453.32	-1.51	0.0	0.0	0.0	0.0
800	5	44.10	0.0	0.0	-3.02	0.0	456.17	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	453.32	-1.51	0.0	0.0	0.0	0.0
801	1	62.62	0.0	0.0	-4.16	0.0	-0.11	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	3.59	-2.08	0.0	0.0	0.0	0.0
801	3	48.17	0.0	0.0	-3.20	0.0	-0.07	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	2.77	-1.60	0.0	0.0	0.0	0.0
801	4	48.17	0.0	0.0	-3.20	0.0	-0.13	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	2.71	-1.60	0.0	0.0	0.0	0.0
801	5	48.17	0.0	0.0	-3.20	0.0	-0.13	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	2.71	-1.60	0.0	0.0	0.0	0.0
802	1	62.62	0.0	0.0	-4.16	0.0	1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.85	-2.08	0.0	0.0	0.0	0.0
802	3	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.42	-1.60	0.0	0.0	0.0	0.0
802	4	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
802	5	48.17	0.0	0.0	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.43	-1.60	0.0	0.0	0.0	0.0
803	1	57.33	0.0	0.0	-3.93	0.0	701.00	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	704.70	-1.96	0.0	0.0	0.0	0.0
803	2	44.10	0.0	0.0	-3.02	0.0	567.92	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	570.76	-1.51	0.0	0.0	0.0	0.0
803	3	44.10	0.0	0.0	-3.02	0.0	526.27	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	529.11	-1.51	0.0	0.0	0.0	0.0
803	4	44.10	0.0	0.0	-3.02	0.0	443.37	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	446.22	-1.51	0.0	0.0	0.0	0.0
803	5	44.10	0.0	0.0	-3.02	0.0	443.37	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	446.22	-1.51	0.0	0.0	0.0	0.0
804	1	57.33	0.0	0.0	-3.93	0.0	1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.85	-1.96	0.0	0.0	0.0	0.0
804	3	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
804	4	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
804	5	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
805	1	53.47	0.0	0.0	-3.93	0.0	-1.58	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	1.57	-1.96	0.0	0.0	0.0	0.0
805	3	41.13	0.0	0.0	-3.02	0.0	-1.21	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	1.21	-1.51	0.0	0.0	0.0	0.0
805	4	41.13	0.0	0.0	-3.02	0.0	-1.21	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	1.20	-1.51	0.0	0.0	0.0	0.0
805	5	41.13	0.0	0.0	-3.02	0.0	-1.21	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	1.20	-1.51	0.0	0.0	0.0	0.0
806	1	53.47	0.0	0.0	-3.93	0.0	724.36	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	721.22	-1.96	0.0	0.0	0.0	0.0
806	2	41.13	0.0	0.0	-3.02	0.0	585.84	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	583.42	-1.51	0.0	0.0	0.0	0.0

806	3	41.13	0.0	0.0	-3.02	0.0	544.58	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	542.16	-1.51	0.0	0.0	0.0	0.0
806	4	41.13	0.0	0.0	-3.02	0.0	462.07	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	459.65	-1.51	0.0	0.0	0.0	0.0
806	5	41.13	0.0	0.0	-3.02	0.0	462.07	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	459.65	-1.51	0.0	0.0	0.0	0.0
807	1	58.66	0.0	0.0	-4.16	0.0	0.46	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	3.61	-2.08	0.0	0.0	0.0	0.0
807	3	45.13	0.0	0.0	-3.20	0.0	0.54	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	2.96	-1.60	0.0	0.0	0.0	0.0
807	4	45.13	0.0	0.0	-3.20	0.0	0.12	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	2.54	-1.60	0.0	0.0	0.0	0.0
807	5	45.13	0.0	0.0	-3.20	0.0	0.12	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	2.54	-1.60	0.0	0.0	0.0	0.0
808	1	58.66	0.0	0.0	-4.16	0.0	1.57	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	-1.57	-2.08	0.0	0.0	0.0	0.0
808	3	45.13	0.0	0.0	-3.20	0.0	1.21	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	-1.21	-1.60	0.0	0.0	0.0	0.0
808	4	45.13	0.0	0.0	-3.20	0.0	1.20	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	-1.21	-1.60	0.0	0.0	0.0	0.0
808	5	45.13	0.0	0.0	-3.20	0.0	1.20	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	-1.21	-1.60	0.0	0.0	0.0	0.0
809	1	53.47	0.0	0.0	-3.93	0.0	730.37	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	733.52	-1.96	0.0	0.0	0.0	0.0
809	2	41.13	0.0	0.0	-3.02	0.0	590.55	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	592.97	-1.51	0.0	0.0	0.0	0.0
809	3	41.13	0.0	0.0	-3.02	0.0	548.86	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	551.28	-1.51	0.0	0.0	0.0	0.0
809	4	41.13	0.0	0.0	-3.02	0.0	465.97	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	468.38	-1.51	0.0	0.0	0.0	0.0
809	5	41.13	0.0	0.0	-3.02	0.0	465.97	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	468.38	-1.51	0.0	0.0	0.0	0.0
810	1	53.47	0.0	0.0	-3.93	0.0	1.57	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	-1.58	-1.96	0.0	0.0	0.0	0.0
810	3	41.13	0.0	0.0	-3.02	0.0	1.20	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	-1.21	-1.51	0.0	0.0	0.0	0.0
810	4	41.13	0.0	0.0	-3.02	0.0	1.20	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	-1.21	-1.51	0.0	0.0	0.0	0.0
810	5	41.13	0.0	0.0	-3.02	0.0	1.20	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	-1.21	-1.51	0.0	0.0	0.0	0.0
811	1	22.08	0.0	0.0	-2.08	0.0	812.17	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	815.50	-1.04	0.0	0.0	0.0	0.0
811	2	16.98	0.0	0.0	-1.60	0.0	659.02	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	661.58	-0.80	0.0	0.0	0.0	0.0
811	3	16.98	0.0	0.0	-1.60	0.0	609.59	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	612.15	-0.80	0.0	0.0	0.0	0.0
811	4	16.98	0.0	0.0	-1.60	0.0	510.53	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	513.09	-0.80	0.0	0.0	0.0	0.0
811	5	16.98	0.0	0.0	-1.60	0.0	510.53	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	513.09	-0.80	0.0	0.0	0.0	0.0
812	1	22.08	0.0	0.0	-2.08	0.0	412.25	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	408.92	-1.04	0.0	0.0	0.0	0.0
812	2	16.98	0.0	0.0	-1.60	0.0	335.42	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	332.86	-0.80	0.0	0.0	0.0	0.0
812	3	16.98	0.0	0.0	-1.60	0.0	308.90	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	306.34	-0.80	0.0	0.0	0.0	0.0
812	4	16.98	0.0	0.0	-1.60	0.0	256.06	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	253.50	-0.80	0.0	0.0	0.0	0.0
812	5	16.98	0.0	0.0	-1.60	0.0	256.06	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	253.50	-0.80	0.0	0.0	0.0	0.0
813	1	22.08	0.0	0.0	-2.08	0.0	620.97	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	617.65	-1.04	0.0	0.0	0.0	0.0
813	2	16.98	0.0	0.0	-1.60	0.0	504.00	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	501.43	-0.80	0.0	0.0	0.0	0.0
813	3	16.98	0.0	0.0	-1.60	0.0	465.74	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	463.18	-0.80	0.0	0.0	0.0	0.0
813	4	16.98	0.0	0.0	-1.60	0.0	389.51	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	386.95	-0.80	0.0	0.0	0.0	0.0
813	5	16.98	0.0	0.0	-1.60	0.0	389.51	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	386.95	-0.80	0.0	0.0	0.0	0.0
814	1	21.20	0.0	0.0	-2.08	0.0	6.50	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	3.35	-1.04	0.0	0.0	0.0	0.0
814	2	16.31	0.0	0.0	-1.60	0.0	5.01	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	2.59	-0.80	0.0	0.0	0.0	0.0
814	3	16.31	0.0	0.0	-1.60	0.0	4.80	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	2.38	-0.80	0.0	0.0	0.0	0.0
814	4	16.31	0.0	0.0	-1.60	0.0	4.28	0.80	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	81.5	1.86	-0.80	0.0	0.0	0.0	0.0
814	5	16.31	0.0	0.0	-1.60	0.0	4.28	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	1.86	-0.80	0.0	0.0	0.0	0.0
815	1	22.08	0.0	0.0	-2.08	0.0	576.88	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	573.55	-1.04	0.0	0.0	0.0	0.0
815	2	16.98	0.0	0.0	-1.60	0.0	468.29	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	465.72	-0.80	0.0	0.0	0.0	0.0
815	3	16.98	0.0	0.0	-1.60	0.0	433.01	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	430.44	-0.80	0.0	0.0	0.0	0.0
815	4	16.98	0.0	0.0	-1.60	0.0	362.16	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	359.60	-0.80	0.0	0.0	0.0	0.0
815	5	16.98	0.0	0.0	-1.60	0.0	362.16	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	359.60	-0.80	0.0	0.0	0.0	0.0
816	1	21.20	0.0	0.0	-2.08	0.0	1.57	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	-1.57	-1.04	0.0	0.0	0.0	0.0
816	3	16.31	0.0	0.0	-1.60	0.0	1.21	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	-1.21	-0.80	0.0	0.0	0.0	0.0
816	4	16.31	0.0	0.0	-1.60	0.0	1.21	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	-1.21	-0.80	0.0	0.0	0.0	0.0
816	5	16.31	0.0	0.0	-1.60	0.0	1.21	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	-1.21	-0.80	0.0	0.0	0.0	0.0
817	1	21.20	0.0	0.0	-2.08	0.0	-1.57	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	1.57	-1.04	0.0	0.0	0.0	0.0
817	3	16.31	0.0	0.0	-1.60	0.0	-1.21	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	1.21	-0.80	0.0	0.0	0.0	0.0
817	4	16.31	0.0	0.0	-1.60	0.0	-1.21	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	1.21	-0.80	0.0	0.0	0.0	0.0
817	5	16.31	0.0	0.0	-1.60	0.0	-1.21	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	1.21	-0.80	0.0	0.0	0.0	0.0
818	1	22.08	0.0	0.0	-2.08	0.0	609.03	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	612.36	-1.04	0.0	0.0	0.0	0.0
818	2	16.98	0.0	0.0	-1.60	0.0	494.61	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	497.17	-0.80	0.0	0.0	0.0	0.0
818	3	16.98	0.0	0.0	-1.60	0.0	456.92	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	459.49	-0.80	0.0	0.0	0.0	0.0
818	4	16.98	0.0	0.0	-1.60	0.0	381.19	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	383.75	-0.80	0.0	0.0	0.0	0.0
818	5	16.98	0.0	0.0	-1.60	0.0	381.19	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	383.75	-0.80	0.0	0.0	0.0	0.0
819	1	22.08	0.0	0.0	-2.08	0.0	778.97	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	775.65	-1.04	0.0	0.0	0.0	0.0
819	2	16.98	0.0	0.0	-1.60	0.0	631.85	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	629.29	-0.80	0.0	0.0	0.0	0.0
819	3	16.98	0.0	0.0	-1.60	0.0	585.15	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	582.59	-0.80	0.0	0.0	0.0	0.0
819	4	16.98	0.0	0.0	-1.60	0.0	490.88	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	488.32	-0.80	0.0	0.0	0.0	0.0
819	5	16.98	0.0	0.0	-1.60	0.0	490.88	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	488.32	-0.80	0.0	0.0	0.0	0.0
820	1	21.20	0.0	0.0	-2.08	0.0	1.57	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	-1.57	-1.04	0.0	0.0	0.0	0.0
820	3	16.31	0.0	0.0	-1.60	0.0	1.21	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	-1.21	-0.80	0.0	0.0	0.0	0.0
820	4	16.31	0.0	0.0	-1.60	0.0	1.21	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	-1.21	-0.80	0.0	0.0	0.0	0.0
820	5	16.31	0.0	0.0	-1.60	0.0	1.21	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	-1.21	-0.80	0.0	0.0	0.0	0.0
821	1	21.20	0.0	0.0	-2.08	0.0	82.14	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	85.29	-1.04	0.0	0.0	0.0	0.0
821	2	16.31	0.0	0.0	-1.60	0.0	66.78	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	69.20	-0.80	0.0	0.0	0.0	0.0
821	3	16.31	0.0	0.0	-1.60	0.0	62.00	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	64.41	-0.80	0.0	0.0	0.0	0.0
821	4	16.31	0.0	0.0	-1.60	0.0	51.65	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	54.07	-0.80	0.0	0.0	0.0	0.0
821	5	16.31	0.0	0.0	-1.60	0.0	51.65	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	54.07	-0.80	0.0	0.0	0.0	0.0
822	1	22.08	0.0	0.0	-2.08	0.0	526.87	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	530.20	-1.04	0.0	0.0	0.0	0.0
822	2	16.98	0.0	0.0	-1.60	0.0	428.53	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	431.09	-0.80	0.0	0.0	0.0	0.0
822	3	16.98	0.0	0.0	-1.60	0.0	394.90	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	397.46	-0.80	0.0	0.0	0.0	0.0
822	4	16.98	0.0	0.0	-1.60	0.0	327.75	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	330.31	-0.80	0.0	0.0	0.0	0.0
822	5	16.98	0.0	0.0	-1.60	0.0	327.75	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	330.31	-0.80	0.0	0.0	0.0	0.0

823	1	22.08	0.0	0.0	-2.08	0.0	717.91	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	714.58	-1.04	0.0	0.0	0.0	0.0
823	2	16.98	0.0	0.0	-1.60	0.0	581.95	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	579.39	-0.80	0.0	0.0	0.0	0.0
823	3	16.98	0.0	0.0	-1.60	0.0	538.87	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	536.31	-0.80	0.0	0.0	0.0	0.0
823	4	16.98	0.0	0.0	-1.60	0.0	452.86	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	450.30	-0.80	0.0	0.0	0.0	0.0
823	5	16.98	0.0	0.0	-1.60	0.0	452.86	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	450.30	-0.80	0.0	0.0	0.0	0.0
824	1	22.08	0.0	0.0	-2.08	0.0	500.73	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	504.06	-1.04	0.0	0.0	0.0	0.0
824	2	16.98	0.0	0.0	-1.60	0.0	407.80	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	410.36	-0.80	0.0	0.0	0.0	0.0
824	3	16.98	0.0	0.0	-1.60	0.0	375.28	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	377.84	-0.80	0.0	0.0	0.0	0.0
824	4	16.98	0.0	0.0	-1.60	0.0	310.10	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	312.66	-0.80	0.0	0.0	0.0	0.0
824	5	16.98	0.0	0.0	-1.60	0.0	310.10	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	312.66	-0.80	0.0	0.0	0.0	0.0
825	1	22.08	0.0	0.0	-2.08	0.0	539.88	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	536.55	-1.04	0.0	0.0	0.0	0.0
825	2	16.98	0.0	0.0	-1.60	0.0	439.03	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	436.47	-0.80	0.0	0.0	0.0	0.0
825	3	16.98	0.0	0.0	-1.60	0.0	404.78	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	402.22	-0.80	0.0	0.0	0.0	0.0
825	4	16.98	0.0	0.0	-1.60	0.0	336.28	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	333.72	-0.80	0.0	0.0	0.0	0.0
825	5	16.98	0.0	0.0	-1.60	0.0	336.28	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	333.72	-0.80	0.0	0.0	0.0	0.0
826	1	22.08	0.0	0.0	-2.08	0.0	678.54	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	681.86	-1.04	0.0	0.0	0.0	0.0
826	2	16.98	0.0	0.0	-1.60	0.0	550.54	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	553.10	-0.80	0.0	0.0	0.0	0.0
826	3	16.98	0.0	0.0	-1.60	0.0	509.20	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	511.76	-0.80	0.0	0.0	0.0	0.0
826	4	16.98	0.0	0.0	-1.60	0.0	426.53	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	429.09	-0.80	0.0	0.0	0.0	0.0
826	5	16.98	0.0	0.0	-1.60	0.0	426.53	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	429.09	-0.80	0.0	0.0	0.0	0.0
827	1	116.73	0.0	0.0	-6.57	0.0	-2.72e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-2.72e-03	-3.29	0.0	0.0	0.0	0.0
827	2	89.79	0.0	0.0	-5.05	0.0	-2.29e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-2.29e-03	-2.53	0.0	0.0	0.0	0.0
827	3	89.79	0.0	0.0	-5.05	0.0	-3.02e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.02e-03	-2.53	0.0	0.0	0.0	0.0
827	4	89.79	0.0	0.0	-5.05	0.0	-3.30e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.30e-03	-2.53	0.0	0.0	0.0	0.0
827	5	89.79	0.0	0.0	-5.05	0.0	-3.30e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.30e-03	-2.53	0.0	0.0	0.0	0.0
828	1	116.73	0.0	0.0	-6.57	0.0	2.85	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.85	-3.29	0.0	0.0	0.0	0.0
828	2	89.79	0.0	0.0	-5.05	0.0	2.34	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.34	-2.53	0.0	0.0	0.0	0.0
828	3	89.79	0.0	0.0	-5.05	0.0	2.13	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.13	-2.53	0.0	0.0	0.0	0.0
828	4	89.79	0.0	0.0	-5.05	0.0	1.69	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.69	-2.53	0.0	0.0	0.0	0.0
828	5	89.79	0.0	0.0	-5.05	0.0	1.69	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.69	-2.53	0.0	0.0	0.0	0.0
829	1	88.56	0.0	0.0	-5.72	0.0	-3.55e-03	2.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-3.55e-03	-2.86	0.0	0.0	0.0	0.0
829	2	68.12	0.0	0.0	-4.40	0.0	-3.53e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-3.53e-03	-2.20	0.0	0.0	0.0	0.0
829	3	68.12	0.0	0.0	-4.40	0.0	-3.60e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-3.60e-03	-2.20	0.0	0.0	0.0	0.0
829	4	68.12	0.0	0.0	-4.40	0.0	-3.69e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-3.69e-03	-2.20	0.0	0.0	0.0	0.0
829	5	68.12	0.0	0.0	-4.40	0.0	-3.69e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-3.69e-03	-2.20	0.0	0.0	0.0	0.0
830	1	88.56	0.0	0.0	-5.72	0.0	11.31	2.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	11.31	-2.86	0.0	0.0	0.0	0.0
830	2	68.12	0.0	0.0	-4.40	0.0	9.02	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	9.02	-2.20	0.0	0.0	0.0	0.0
830	3	68.12	0.0	0.0	-4.40	0.0	8.57	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	8.57	-2.20	0.0	0.0	0.0	0.0
830	4	68.12	0.0	0.0	-4.40	0.0	7.67	2.20	0.0	0.0	0.0	0.0



		0.0	0.0	0.0	0.0	123.8	7.67	-2.20	0.0	0.0	0.0	0.0
830	5	68.12	0.0	0.0	-4.40	0.0	7.67	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	7.67	-2.20	0.0	0.0	0.0	0.0
831	1	93.61	0.0	0.0	-5.88	0.0	-3.48e-03	2.94	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-3.48e-03	-2.94	0.0	0.0	0.0	0.0
831	2	72.01	0.0	0.0	-4.53	0.0	-3.47e-03	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-3.47e-03	-2.26	0.0	0.0	0.0	0.0
831	3	72.01	0.0	0.0	-4.53	0.0	-1.12e-03	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-1.12e-03	-2.26	0.0	0.0	0.0	0.0
831	4	72.01	0.0	0.0	-4.53	0.0	-3.43e-03	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-3.43e-03	-2.26	0.0	0.0	0.0	0.0
831	5	72.01	0.0	0.0	-4.53	0.0	-3.43e-03	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-3.43e-03	-2.26	0.0	0.0	0.0	0.0
832	1	93.61	0.0	0.0	-5.88	0.0	4.96	2.94	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	4.96	-2.94	0.0	0.0	0.0	0.0
832	2	72.01	0.0	0.0	-4.53	0.0	4.00	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	4.00	-2.26	0.0	0.0	0.0	0.0
832	3	72.01	0.0	0.0	-4.53	0.0	3.77	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	3.77	-2.26	0.0	0.0	0.0	0.0
832	4	72.01	0.0	0.0	-4.53	0.0	3.31	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	3.31	-2.26	0.0	0.0	0.0	0.0
832	5	72.01	0.0	0.0	-4.53	0.0	3.31	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	3.31	-2.26	0.0	0.0	0.0	0.0
833	1	88.56	0.0	0.0	-5.72	0.0	7.49	2.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	7.49	-2.86	0.0	0.0	0.0	0.0
833	2	68.12	0.0	0.0	-4.40	0.0	5.95	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	5.95	-2.20	0.0	0.0	0.0	0.0
833	3	68.12	0.0	0.0	-4.40	0.0	5.66	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	5.66	-2.20	0.0	0.0	0.0	0.0
833	4	68.12	0.0	0.0	-4.40	0.0	5.06	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	5.06	-2.20	0.0	0.0	0.0	0.0
833	5	68.12	0.0	0.0	-4.40	0.0	5.06	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	5.06	-2.20	0.0	0.0	0.0	0.0
834	1	88.56	0.0	0.0	-5.72	0.0	-1.70e-03	2.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-1.70e-03	-2.86	0.0	0.0	0.0	0.0
834	2	68.12	0.0	0.0	-4.40	0.0	-3.74e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-3.74e-03	-2.20	0.0	0.0	0.0	0.0
834	3	68.12	0.0	0.0	-4.40	0.0	-1.85e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-1.85e-03	-2.20	0.0	0.0	0.0	0.0
834	4	68.12	0.0	0.0	-4.40	0.0	-3.60e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-3.60e-03	-2.20	0.0	0.0	0.0	0.0
834	5	68.12	0.0	0.0	-4.40	0.0	-3.60e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-3.60e-03	-2.20	0.0	0.0	0.0	0.0
835	1	116.73	0.0	0.0	-6.57	0.0	1.78	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.78	-3.29	0.0	0.0	0.0	0.0
835	2	89.79	0.0	0.0	-5.05	0.0	1.46	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.46	-2.53	0.0	0.0	0.0	0.0
835	3	89.79	0.0	0.0	-5.05	0.0	1.35	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.35	-2.53	0.0	0.0	0.0	0.0
835	4	89.79	0.0	0.0	-5.05	0.0	1.11	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.11	-2.53	0.0	0.0	0.0	0.0
835	5	89.79	0.0	0.0	-5.05	0.0	1.11	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.11	-2.53	0.0	0.0	0.0	0.0
836	1	116.73	0.0	0.0	-6.57	0.0	-3.90e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.90e-03	-3.29	0.0	0.0	0.0	0.0
836	2	89.79	0.0	0.0	-5.05	0.0	-4.09e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-4.09e-03	-2.53	0.0	0.0	0.0	0.0
836	3	89.79	0.0	0.0	-5.05	0.0	-3.69e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.69e-03	-2.53	0.0	0.0	0.0	0.0
836	4	89.79	0.0	0.0	-5.05	0.0	-3.63e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.63e-03	-2.53	0.0	0.0	0.0	0.0
836	5	89.79	0.0	0.0	-5.05	0.0	-3.63e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.63e-03	-2.53	0.0	0.0	0.0	0.0
837	1	116.73	0.0	0.0	-6.57	0.0	-3.96e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.96e-03	-3.29	0.0	0.0	0.0	0.0
837	2	89.79	0.0	0.0	-5.05	0.0	-3.80e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.80e-03	-2.53	0.0	0.0	0.0	0.0
837	3	89.79	0.0	0.0	-5.05	0.0	-3.42e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.42e-03	-2.53	0.0	0.0	0.0	0.0
837	4	89.79	0.0	0.0	-5.05	0.0	-4.04e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-4.04e-03	-2.53	0.0	0.0	0.0	0.0
837	5	89.79	0.0	0.0	-5.05	0.0	-4.04e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-4.04e-03	-2.53	0.0	0.0	0.0	0.0
838	1	116.73	0.0	0.0	-6.57	0.0	3.32	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	3.32	-3.29	0.0	0.0	0.0	0.0
838	2	89.79	0.0	0.0	-5.05	0.0	2.80	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.80	-2.53	0.0	0.0	0.0	0.0

838	3	89.79	0.0	0.0	-5.05	0.0	2.45	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.45	-2.53	0.0	0.0	0.0	0.0
838	4	89.79	0.0	0.0	-5.05	0.0	1.80	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.80	-2.53	0.0	0.0	0.0	0.0
838	5	89.79	0.0	0.0	-5.05	0.0	1.80	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.80	-2.53	0.0	0.0	0.0	0.0
839	1	88.56	0.0	0.0	-5.72	0.0	12.01	2.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	12.01	-2.86	0.0	0.0	0.0	0.0
839	2	68.12	0.0	0.0	-4.40	0.0	9.73	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	9.73	-2.20	0.0	0.0	0.0	0.0
839	3	68.12	0.0	0.0	-4.40	0.0	9.05	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	9.05	-2.20	0.0	0.0	0.0	0.0
839	4	68.12	0.0	0.0	-4.40	0.0	7.68	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	7.68	-2.20	0.0	0.0	0.0	0.0
839	5	68.12	0.0	0.0	-4.40	0.0	7.68	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	7.68	-2.20	0.0	0.0	0.0	0.0
840	1	88.56	0.0	0.0	-5.72	0.0	-3.86e-03	2.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-3.86e-03	-2.86	0.0	0.0	0.0	0.0
840	2	68.12	0.0	0.0	-4.40	0.0	-3.88e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-3.88e-03	-2.20	0.0	0.0	0.0	0.0
840	3	68.12	0.0	0.0	-4.40	0.0	-1.10e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-1.10e-03	-2.20	0.0	0.0	0.0	0.0
840	4	68.12	0.0	0.0	-4.40	0.0	-4.01e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-4.01e-03	-2.20	0.0	0.0	0.0	0.0
840	5	68.12	0.0	0.0	-4.40	0.0	-4.01e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-4.01e-03	-2.20	0.0	0.0	0.0	0.0
841	1	93.61	0.0	0.0	-5.88	0.0	1.80	2.94	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	1.80	-2.94	0.0	0.0	0.0	0.0
841	2	72.01	0.0	0.0	-4.53	0.0	1.43	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	1.43	-2.26	0.0	0.0	0.0	0.0
841	3	72.01	0.0	0.0	-4.53	0.0	1.36	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	1.36	-2.26	0.0	0.0	0.0	0.0
841	4	72.01	0.0	0.0	-4.53	0.0	1.25	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	1.25	-2.26	0.0	0.0	0.0	0.0
841	5	72.01	0.0	0.0	-4.53	0.0	1.25	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	1.25	-2.26	0.0	0.0	0.0	0.0
842	1	93.61	0.0	0.0	-5.88	0.0	-3.79e-03	2.94	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-3.79e-03	-2.94	0.0	0.0	0.0	0.0
842	2	72.01	0.0	0.0	-4.53	0.0	-3.63e-03	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-3.63e-03	-2.26	0.0	0.0	0.0	0.0
842	3	72.01	0.0	0.0	-4.53	0.0	-1.55e-03	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-1.55e-03	-2.26	0.0	0.0	0.0	0.0
842	4	72.01	0.0	0.0	-4.53	0.0	-3.87e-03	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-3.87e-03	-2.26	0.0	0.0	0.0	0.0
842	5	72.01	0.0	0.0	-4.53	0.0	-3.87e-03	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-3.87e-03	-2.26	0.0	0.0	0.0	0.0
843	1	88.56	0.0	0.0	-5.72	0.0	32.44	2.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	32.44	-2.86	0.0	0.0	0.0	0.0
843	2	68.12	0.0	0.0	-4.40	0.0	26.13	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	26.13	-2.20	0.0	0.0	0.0	0.0
843	3	68.12	0.0	0.0	-4.40	0.0	24.40	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	24.40	-2.20	0.0	0.0	0.0	0.0
843	4	68.12	0.0	0.0	-4.40	0.0	21.00	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	21.00	-2.20	0.0	0.0	0.0	0.0
843	5	68.12	0.0	0.0	-4.40	0.0	21.00	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	21.00	-2.20	0.0	0.0	0.0	0.0
844	1	88.56	0.0	0.0	-5.72	0.0	-1.42e-03	2.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-1.42e-03	-2.86	0.0	0.0	0.0	0.0
844	2	68.12	0.0	0.0	-4.40	0.0	-3.97e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-3.97e-03	-2.20	0.0	0.0	0.0	0.0
844	3	68.12	0.0	0.0	-4.40	0.0	-4.03e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-4.03e-03	-2.20	0.0	0.0	0.0	0.0
844	4	68.12	0.0	0.0	-4.40	0.0	-4.01e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-4.01e-03	-2.20	0.0	0.0	0.0	0.0
844	5	68.12	0.0	0.0	-4.40	0.0	-4.01e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-4.01e-03	-2.20	0.0	0.0	0.0	0.0
845	1	116.73	0.0	0.0	-6.57	0.0	-4.19e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-4.19e-03	-3.29	0.0	0.0	0.0	0.0
845	2	89.79	0.0	0.0	-5.05	0.0	-4.09e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-4.09e-03	-2.53	0.0	0.0	0.0	0.0
845	3	89.79	0.0	0.0	-5.05	0.0	-4.09e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-4.09e-03	-2.53	0.0	0.0	0.0	0.0
845	4	89.79	0.0	0.0	-5.05	0.0	-3.94e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.94e-03	-2.53	0.0	0.0	0.0	0.0
845	5	89.79	0.0	0.0	-5.05	0.0	-3.94e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.94e-03	-2.53	0.0	0.0	0.0	0.0
846	1	116.73	0.0	0.0	-6.57	0.0	42.86	3.29	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	142.1	42.86	-3.29	0.0	0.0	0.0	0.0
846	2	89.79	0.0	0.0	-5.05	0.0	34.65	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	34.65	-2.53	0.0	0.0	0.0	0.0
846	3	89.79	0.0	0.0	-5.05	0.0	32.21	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	32.21	-2.53	0.0	0.0	0.0	0.0
846	4	89.79	0.0	0.0	-5.05	0.0	27.43	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	27.43	-2.53	0.0	0.0	0.0	0.0
846	5	89.79	0.0	0.0	-5.05	0.0	27.43	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	27.43	-2.53	0.0	0.0	0.0	0.0
847	1	116.73	0.0	0.0	-6.57	0.0	1.50	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.50	-3.29	0.0	0.0	0.0	0.0
847	2	89.79	0.0	0.0	-5.05	0.0	1.26	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.26	-2.53	0.0	0.0	0.0	0.0
847	3	89.79	0.0	0.0	-5.05	0.0	1.09	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.09	-2.53	0.0	0.0	0.0	0.0
847	4	89.79	0.0	0.0	-5.05	0.0	0.74	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.74	-2.53	0.0	0.0	0.0	0.0
847	5	89.79	0.0	0.0	-5.05	0.0	0.74	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.74	-2.53	0.0	0.0	0.0	0.0
848	1	116.73	0.0	0.0	-6.57	0.0	-1.91e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-1.91e-03	-3.29	0.0	0.0	0.0	0.0
848	2	89.79	0.0	0.0	-5.05	0.0	-4.30e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-4.30e-03	-2.53	0.0	0.0	0.0	0.0
848	3	89.79	0.0	0.0	-5.05	0.0	-1.56e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-1.56e-03	-2.53	0.0	0.0	0.0	0.0
848	4	89.79	0.0	0.0	-5.05	0.0	-4.17e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-4.17e-03	-2.53	0.0	0.0	0.0	0.0
848	5	89.79	0.0	0.0	-5.05	0.0	-4.17e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-4.17e-03	-2.53	0.0	0.0	0.0	0.0
849	1	88.56	0.0	0.0	-5.72	0.0	-2.00e-03	2.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-2.00e-03	-2.86	0.0	0.0	0.0	0.0
849	2	68.12	0.0	0.0	-4.40	0.0	-3.92e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-3.92e-03	-2.20	0.0	0.0	0.0	0.0
849	3	68.12	0.0	0.0	-4.40	0.0	-3.08e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-3.08e-03	-2.20	0.0	0.0	0.0	0.0
849	4	68.12	0.0	0.0	-4.40	0.0	-4.06e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-4.06e-03	-2.20	0.0	0.0	0.0	0.0
849	5	68.12	0.0	0.0	-4.40	0.0	-4.06e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-4.06e-03	-2.20	0.0	0.0	0.0	0.0
850	1	88.56	0.0	0.0	-5.72	0.0	15.17	2.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	15.17	-2.86	0.0	0.0	0.0	0.0
850	2	68.12	0.0	0.0	-4.40	0.0	12.16	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	12.16	-2.20	0.0	0.0	0.0	0.0
850	3	68.12	0.0	0.0	-4.40	0.0	11.42	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	11.42	-2.20	0.0	0.0	0.0	0.0
850	4	68.12	0.0	0.0	-4.40	0.0	10.00	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	10.00	-2.20	0.0	0.0	0.0	0.0
850	5	68.12	0.0	0.0	-4.40	0.0	10.00	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	10.00	-2.20	0.0	0.0	0.0	0.0
851	1	93.61	0.0	0.0	-5.88	0.0	-1.67e-03	2.94	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-1.67e-03	-2.94	0.0	0.0	0.0	0.0
851	2	72.01	0.0	0.0	-4.53	0.0	-3.76e-03	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-3.76e-03	-2.26	0.0	0.0	0.0	0.0
851	3	72.01	0.0	0.0	-4.53	0.0	-1.55e-03	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-1.55e-03	-2.26	0.0	0.0	0.0	0.0
851	4	72.01	0.0	0.0	-4.53	0.0	-3.83e-03	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-3.83e-03	-2.26	0.0	0.0	0.0	0.0
851	5	72.01	0.0	0.0	-4.53	0.0	-3.83e-03	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-3.83e-03	-2.26	0.0	0.0	0.0	0.0
852	1	93.61	0.0	0.0	-5.88	0.0	19.58	2.94	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	19.58	-2.94	0.0	0.0	0.0	0.0
852	2	72.01	0.0	0.0	-4.53	0.0	15.78	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	15.78	-2.26	0.0	0.0	0.0	0.0
852	3	72.01	0.0	0.0	-4.53	0.0	14.78	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	14.78	-2.26	0.0	0.0	0.0	0.0
852	4	72.01	0.0	0.0	-4.53	0.0	12.72	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	12.72	-2.26	0.0	0.0	0.0	0.0
852	5	72.01	0.0	0.0	-4.53	0.0	12.72	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	12.72	-2.26	0.0	0.0	0.0	0.0
853	1	88.56	0.0	0.0	-5.72	0.0	20.41	2.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	20.41	-2.86	0.0	0.0	0.0	0.0
853	2	68.12	0.0	0.0	-4.40	0.0	16.51	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	16.51	-2.20	0.0	0.0	0.0	0.0
853	3	68.12	0.0	0.0	-4.40	0.0	15.31	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	15.31	-2.20	0.0	0.0	0.0	0.0
853	4	68.12	0.0	0.0	-4.40	0.0	12.96	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	12.96	-2.20	0.0	0.0	0.0	0.0

853	5	68.12	0.0	0.0	-4.40	0.0	12.96	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	12.96	-2.20	0.0	0.0	0.0	0.0
854	1	88.56	0.0	0.0	-5.72	0.0	-3.65e-03	2.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-3.65e-03	-2.86	0.0	0.0	0.0	0.0
854	2	68.12	0.0	0.0	-4.40	0.0	-3.86e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-3.86e-03	-2.20	0.0	0.0	0.0	0.0
854	3	68.12	0.0	0.0	-4.40	0.0	-3.60e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-3.60e-03	-2.20	0.0	0.0	0.0	0.0
854	4	68.12	0.0	0.0	-4.40	0.0	-4.07e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-4.07e-03	-2.20	0.0	0.0	0.0	0.0
854	5	68.12	0.0	0.0	-4.40	0.0	-4.07e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-4.07e-03	-2.20	0.0	0.0	0.0	0.0
855	1	116.73	0.0	0.0	-6.57	0.0	-1.54e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-1.54e-03	-3.29	0.0	0.0	0.0	0.0
855	2	89.79	0.0	0.0	-5.05	0.0	-3.99e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.99e-03	-2.53	0.0	0.0	0.0	0.0
855	3	89.79	0.0	0.0	-5.05	0.0	-4.14e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-4.14e-03	-2.53	0.0	0.0	0.0	0.0
855	4	89.79	0.0	0.0	-5.05	0.0	-4.12e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-4.12e-03	-2.53	0.0	0.0	0.0	0.0
855	5	89.79	0.0	0.0	-5.05	0.0	-4.12e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-4.12e-03	-2.53	0.0	0.0	0.0	0.0
856	1	116.73	0.0	0.0	-6.57	0.0	2.24	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.24	-3.29	0.0	0.0	0.0	0.0
856	2	89.79	0.0	0.0	-5.05	0.0	1.87	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.87	-2.53	0.0	0.0	0.0	0.0
856	3	89.79	0.0	0.0	-5.05	0.0	1.65	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.65	-2.53	0.0	0.0	0.0	0.0
856	4	89.79	0.0	0.0	-5.05	0.0	1.19	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.19	-2.53	0.0	0.0	0.0	0.0
856	5	89.79	0.0	0.0	-5.05	0.0	1.19	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.19	-2.53	0.0	0.0	0.0	0.0
857	1	116.73	0.0	0.0	-6.57	0.0	8.67	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	8.67	-3.29	0.0	0.0	0.0	0.0
857	2	89.79	0.0	0.0	-5.05	0.0	6.88	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	6.88	-2.53	0.0	0.0	0.0	0.0
857	3	89.79	0.0	0.0	-5.05	0.0	6.60	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	6.60	-2.53	0.0	0.0	0.0	0.0
857	4	89.79	0.0	0.0	-5.05	0.0	6.00	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	6.00	-2.53	0.0	0.0	0.0	0.0
857	5	89.79	0.0	0.0	-5.05	0.0	6.00	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	6.00	-2.53	0.0	0.0	0.0	0.0
858	1	116.73	0.0	0.0	-6.57	0.0	34.34	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	34.34	-3.29	0.0	0.0	0.0	0.0
858	2	89.79	0.0	0.0	-5.05	0.0	27.71	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	27.71	-2.53	0.0	0.0	0.0	0.0
858	3	89.79	0.0	0.0	-5.05	0.0	25.82	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	25.82	-2.53	0.0	0.0	0.0	0.0
858	4	89.79	0.0	0.0	-5.05	0.0	22.11	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	22.11	-2.53	0.0	0.0	0.0	0.0
858	5	89.79	0.0	0.0	-5.05	0.0	22.11	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	22.11	-2.53	0.0	0.0	0.0	0.0
859	1	88.56	0.0	0.0	-5.72	0.0	20.74	2.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	20.74	-2.86	0.0	0.0	0.0	0.0
859	2	68.12	0.0	0.0	-4.40	0.0	16.77	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	16.77	-2.20	0.0	0.0	0.0	0.0
859	3	68.12	0.0	0.0	-4.40	0.0	15.62	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	15.62	-2.20	0.0	0.0	0.0	0.0
859	4	68.12	0.0	0.0	-4.40	0.0	13.23	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	13.23	-2.20	0.0	0.0	0.0	0.0
859	5	68.12	0.0	0.0	-4.40	0.0	13.23	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	13.23	-2.20	0.0	0.0	0.0	0.0
860	1	88.56	0.0	0.0	-5.72	0.0	-3.62e-03	2.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-3.62e-03	-2.86	0.0	0.0	0.0	0.0
860	2	68.12	0.0	0.0	-4.40	0.0	-3.62e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-3.62e-03	-2.20	0.0	0.0	0.0	0.0
860	3	68.12	0.0	0.0	-4.40	0.0	-1.43e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-1.43e-03	-2.20	0.0	0.0	0.0	0.0
860	4	68.12	0.0	0.0	-4.40	0.0	-3.72e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-3.72e-03	-2.20	0.0	0.0	0.0	0.0
860	5	68.12	0.0	0.0	-4.40	0.0	-3.72e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-3.72e-03	-2.20	0.0	0.0	0.0	0.0
861	1	93.61	0.0	0.0	-5.88	0.0	32.77	2.94	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	32.77	-2.94	0.0	0.0	0.0	0.0
861	2	72.01	0.0	0.0	-4.53	0.0	26.36	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	26.36	-2.26	0.0	0.0	0.0	0.0
861	3	72.01	0.0	0.0	-4.53	0.0	24.66	2.26	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	127.3	24.66	-2.26	0.0	0.0	0.0	0.0
861	4	72.01	0.0	0.0	-4.53	0.0	21.29	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	21.29	-2.26	0.0	0.0	0.0	0.0
861	5	72.01	0.0	0.0	-4.53	0.0	21.29	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	21.29	-2.26	0.0	0.0	0.0	0.0
862	1	93.61	0.0	0.0	-5.88	0.0	-1.27e-03	2.94	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-1.27e-03	-2.94	0.0	0.0	0.0	0.0
862	2	72.01	0.0	0.0	-4.53	0.0	-3.39e-03	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-3.39e-03	-2.26	0.0	0.0	0.0	0.0
862	3	72.01	0.0	0.0	-4.53	0.0	-3.47e-03	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-3.47e-03	-2.26	0.0	0.0	0.0	0.0
862	4	72.01	0.0	0.0	-4.53	0.0	-3.35e-03	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-3.35e-03	-2.26	0.0	0.0	0.0	0.0
862	5	72.01	0.0	0.0	-4.53	0.0	-3.35e-03	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-3.35e-03	-2.26	0.0	0.0	0.0	0.0
863	1	88.56	0.0	0.0	-5.72	0.0	121.57	2.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	121.57	-2.86	0.0	0.0	0.0	0.0
863	2	68.12	0.0	0.0	-4.40	0.0	97.89	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	97.89	-2.20	0.0	0.0	0.0	0.0
863	3	68.12	0.0	0.0	-4.40	0.0	91.54	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	91.54	-2.20	0.0	0.0	0.0	0.0
863	4	68.12	0.0	0.0	-4.40	0.0	78.91	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	78.91	-2.20	0.0	0.0	0.0	0.0
863	5	68.12	0.0	0.0	-4.40	0.0	78.91	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	78.91	-2.20	0.0	0.0	0.0	0.0
864	1	88.56	0.0	0.0	-5.72	0.0	0.24	2.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	0.24	-2.86	0.0	0.0	0.0	0.0
864	2	68.12	0.0	0.0	-4.40	0.0	0.21	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	0.21	-2.20	0.0	0.0	0.0	0.0
864	3	68.12	0.0	0.0	-4.40	0.0	0.18	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	0.18	-2.20	0.0	0.0	0.0	0.0
864	4	68.12	0.0	0.0	-4.40	0.0	0.10	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	0.10	-2.20	0.0	0.0	0.0	0.0
864	5	68.12	0.0	0.0	-4.40	0.0	0.10	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	0.10	-2.20	0.0	0.0	0.0	0.0
865	1	116.73	0.0	0.0	-6.57	0.0	-3.26e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.26e-03	-3.29	0.0	0.0	0.0	0.0
865	2	89.79	0.0	0.0	-5.05	0.0	-3.84e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.84e-03	-2.53	0.0	0.0	0.0	0.0
865	3	89.79	0.0	0.0	-5.05	0.0	-3.83e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.83e-03	-2.53	0.0	0.0	0.0	0.0
865	4	89.79	0.0	0.0	-5.05	0.0	-3.94e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.94e-03	-2.53	0.0	0.0	0.0	0.0
865	5	89.79	0.0	0.0	-5.05	0.0	-3.94e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.94e-03	-2.53	0.0	0.0	0.0	0.0
866	1	116.73	0.0	0.0	-6.57	0.0	131.30	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	131.30	-3.29	0.0	0.0	0.0	0.0
866	2	89.79	0.0	0.0	-5.05	0.0	105.62	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	105.62	-2.53	0.0	0.0	0.0	0.0
866	3	89.79	0.0	0.0	-5.05	0.0	98.96	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	98.96	-2.53	0.0	0.0	0.0	0.0
866	4	89.79	0.0	0.0	-5.05	0.0	85.60	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	85.60	-2.53	0.0	0.0	0.0	0.0
866	5	89.79	0.0	0.0	-5.05	0.0	85.60	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	85.60	-2.53	0.0	0.0	0.0	0.0
867	1	116.73	0.0	0.0	-6.57	0.0	0.06	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.06	-3.29	0.0	0.0	0.0	0.0
867	2	89.79	0.0	0.0	-5.05	0.0	0.05	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.05	-2.53	0.0	0.0	0.0	0.0
867	3	89.79	0.0	0.0	-5.05	0.0	0.04	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.04	-2.53	0.0	0.0	0.0	0.0
867	4	89.79	0.0	0.0	-5.05	0.0	0.05	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.05	-2.53	0.0	0.0	0.0	0.0
867	5	89.79	0.0	0.0	-5.05	0.0	0.05	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.05	-2.53	0.0	0.0	0.0	0.0
868	1	116.73	0.0	0.0	-6.57	0.0	7.96	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	7.96	-3.29	0.0	0.0	0.0	0.0
868	2	89.79	0.0	0.0	-5.05	0.0	6.41	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	6.41	-2.53	0.0	0.0	0.0	0.0
868	3	89.79	0.0	0.0	-5.05	0.0	5.99	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	5.99	-2.53	0.0	0.0	0.0	0.0
868	4	89.79	0.0	0.0	-5.05	0.0	5.16	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	5.16	-2.53	0.0	0.0	0.0	0.0
868	5	89.79	0.0	0.0	-5.05	0.0	5.16	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	5.16	-2.53	0.0	0.0	0.0	0.0
869	1	437.44	0.0	0.0	-12.72	0.0	11.10	6.36	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	275.1	11.10	-6.36	0.0	0.0	0.0	0.0

869	2	336.49	0.0	0.0	-9.78	0.0	8.94	4.89	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	275.1	8.94	-4.89	0.0	0.0	0.0	0.0
869	3	336.49	0.0	0.0	-9.78	0.0	8.33	4.89	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	275.1	8.33	-4.89	0.0	0.0	0.0	0.0
869	4	336.49	0.0	0.0	-9.78	0.0	7.20	4.89	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	275.1	7.20	-4.89	0.0	0.0	0.0	0.0
869	5	336.49	0.0	0.0	-9.78	0.0	7.20	4.89	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	275.1	7.20	-4.89	0.0	0.0	0.0	0.0
870	1	437.44	0.0	0.0	-12.72	0.0	-4.91e-03	6.36	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	275.1	-4.91e-03	-6.36	0.0	0.0	0.0	0.0
870	2	336.49	0.0	0.0	-9.78	0.0	-4.90e-03	4.89	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	275.1	-4.90e-03	-4.89	0.0	0.0	0.0	0.0
870	3	336.49	0.0	0.0	-9.78	0.0	-5.01e-03	4.89	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	275.1	-5.01e-03	-4.89	0.0	0.0	0.0	0.0
870	4	336.49	0.0	0.0	-9.78	0.0	-5.02e-03	4.89	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	275.1	-5.02e-03	-4.89	0.0	0.0	0.0	0.0
870	5	336.49	0.0	0.0	-9.78	0.0	-5.02e-03	4.89	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	275.1	-5.02e-03	-4.89	0.0	0.0	0.0	0.0
871	1	116.73	0.0	0.0	-6.57	0.0	0.01	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.01	-3.29	0.0	0.0	0.0	0.0
871	2	89.79	0.0	0.0	-5.05	0.0	8.90e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	8.90e-03	-2.53	0.0	0.0	0.0	0.0
871	3	89.79	0.0	0.0	-5.05	0.0	7.42e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	7.42e-03	-2.53	0.0	0.0	0.0	0.0
871	4	89.79	0.0	0.0	-5.05	0.0	6.76e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	6.76e-03	-2.53	0.0	0.0	0.0	0.0
871	5	89.79	0.0	0.0	-5.05	0.0	6.76e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	6.76e-03	-2.53	0.0	0.0	0.0	0.0
872	1	116.73	0.0	0.0	-6.57	0.0	3.53	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	3.53	-3.29	0.0	0.0	0.0	0.0
872	2	89.79	0.0	0.0	-5.05	0.0	2.84	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.84	-2.53	0.0	0.0	0.0	0.0
872	3	89.79	0.0	0.0	-5.05	0.0	2.67	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.67	-2.53	0.0	0.0	0.0	0.0
872	4	89.79	0.0	0.0	-5.05	0.0	2.42	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.42	-2.53	0.0	0.0	0.0	0.0
872	5	89.79	0.0	0.0	-5.05	0.0	2.42	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.42	-2.53	0.0	0.0	0.0	0.0
873	1	116.73	0.0	0.0	-6.57	0.0	0.14	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.14	-3.29	0.0	0.0	0.0	0.0
873	2	89.79	0.0	0.0	-5.05	0.0	0.11	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.11	-2.53	0.0	0.0	0.0	0.0
873	3	89.79	0.0	0.0	-5.05	0.0	0.10	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.10	-2.53	0.0	0.0	0.0	0.0
873	4	89.79	0.0	0.0	-5.05	0.0	0.08	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.08	-2.53	0.0	0.0	0.0	0.0
873	5	89.79	0.0	0.0	-5.05	0.0	0.08	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.08	-2.53	0.0	0.0	0.0	0.0
874	1	116.73	0.0	0.0	-6.57	0.0	4.49	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	4.49	-3.29	0.0	0.0	0.0	0.0
874	2	89.79	0.0	0.0	-5.05	0.0	3.59	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	3.59	-2.53	0.0	0.0	0.0	0.0
874	3	89.79	0.0	0.0	-5.05	0.0	3.34	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	3.34	-2.53	0.0	0.0	0.0	0.0
874	4	89.79	0.0	0.0	-5.05	0.0	2.89	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.89	-2.53	0.0	0.0	0.0	0.0
874	5	89.79	0.0	0.0	-5.05	0.0	2.89	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.89	-2.53	0.0	0.0	0.0	0.0
875	1	437.44	0.0	0.0	-12.72	0.0	10.51	6.36	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	275.1	10.51	-6.36	0.0	0.0	0.0	0.0
875	2	336.49	0.0	0.0	-9.78	0.0	8.50	4.89	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	275.1	8.50	-4.89	0.0	0.0	0.0	0.0
875	3	336.49	0.0	0.0	-9.78	0.0	7.93	4.89	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	275.1	7.93	-4.89	0.0	0.0	0.0	0.0
875	4	336.49	0.0	0.0	-9.78	0.0	6.85	4.89	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	275.1	6.85	-4.89	0.0	0.0	0.0	0.0
875	5	336.49	0.0	0.0	-9.78	0.0	6.85	4.89	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	275.1	6.85	-4.89	0.0	0.0	0.0	0.0
876	1	437.44	0.0	0.0	-12.72	0.0	-4.96e-03	6.36	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	275.1	-4.96e-03	-6.36	0.0	0.0	0.0	0.0
876	2	336.49	0.0	0.0	-9.78	0.0	-2.82e-03	4.89	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	275.1	-2.82e-03	-4.89	0.0	0.0	0.0	0.0
876	3	336.49	0.0	0.0	-9.78	0.0	-3.42e-03	4.89	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	275.1	-3.42e-03	-4.89	0.0	0.0	0.0	0.0
876	4	336.49	0.0	0.0	-9.78	0.0	-3.81e-03	4.89	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	275.1	-3.81e-03	-4.89	0.0	0.0	0.0	0.0
876	5	336.49	0.0	0.0	-9.78	0.0	-3.81e-03	4.89	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	275.1	-3.81e-03	-4.89	0.0	0.0	0.0	0.0
877	1	116.73	0.0	0.0	-6.57	0.0	0.02	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.02	-3.29	0.0	0.0	0.0	0.0
877	2	89.79	0.0	0.0	-5.05	0.0	0.03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.03	-2.53	0.0	0.0	0.0	0.0
877	3	89.79	0.0	0.0	-5.05	0.0	0.02	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.02	-2.53	0.0	0.0	0.0	0.0
877	4	89.79	0.0	0.0	-5.05	0.0	0.02	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.02	-2.53	0.0	0.0	0.0	0.0
877	5	89.79	0.0	0.0	-5.05	0.0	0.02	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.02	-2.53	0.0	0.0	0.0	0.0
878	1	116.73	0.0	0.0	-6.57	0.0	2.25	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.25	-3.29	0.0	0.0	0.0	0.0
878	2	89.79	0.0	0.0	-5.05	0.0	1.73	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.73	-2.53	0.0	0.0	0.0	0.0
878	3	89.79	0.0	0.0	-5.05	0.0	1.64	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.64	-2.53	0.0	0.0	0.0	0.0
878	4	89.79	0.0	0.0	-5.05	0.0	1.45	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.45	-2.53	0.0	0.0	0.0	0.0
878	5	89.79	0.0	0.0	-5.05	0.0	1.45	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.45	-2.53	0.0	0.0	0.0	0.0
879	1	116.73	0.0	0.0	-6.57	0.0	3.04	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	3.04	-3.29	0.0	0.0	0.0	0.0
879	2	89.79	0.0	0.0	-5.05	0.0	2.44	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.44	-2.53	0.0	0.0	0.0	0.0
879	3	89.79	0.0	0.0	-5.05	0.0	2.32	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.32	-2.53	0.0	0.0	0.0	0.0
879	4	89.79	0.0	0.0	-5.05	0.0	2.09	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.09	-2.53	0.0	0.0	0.0	0.0
879	5	89.79	0.0	0.0	-5.05	0.0	2.09	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.09	-2.53	0.0	0.0	0.0	0.0
880	1	116.73	0.0	0.0	-6.57	0.0	-3.78e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.78e-03	-3.29	0.0	0.0	0.0	0.0
880	2	89.79	0.0	0.0	-5.05	0.0	-9.74e-04	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-9.74e-04	-2.53	0.0	0.0	0.0	0.0
880	3	89.79	0.0	0.0	-5.05	0.0	-3.68e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.68e-03	-2.53	0.0	0.0	0.0	0.0
880	4	89.79	0.0	0.0	-5.05	0.0	-3.58e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.58e-03	-2.53	0.0	0.0	0.0	0.0
880	5	89.79	0.0	0.0	-5.05	0.0	-3.58e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.58e-03	-2.53	0.0	0.0	0.0	0.0
881	1	437.44	0.0	0.0	-12.72	0.0	6.50	6.36	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	275.1	6.50	-6.36	0.0	0.0	0.0	0.0
881	2	336.49	0.0	0.0	-9.78	0.0	5.25	4.89	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	275.1	5.25	-4.89	0.0	0.0	0.0	0.0
881	3	336.49	0.0	0.0	-9.78	0.0	4.88	4.89	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	275.1	4.88	-4.89	0.0	0.0	0.0	0.0
881	4	336.49	0.0	0.0	-9.78	0.0	4.21	4.89	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	275.1	4.21	-4.89	0.0	0.0	0.0	0.0
881	5	336.49	0.0	0.0	-9.78	0.0	4.21	4.89	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	275.1	4.21	-4.89	0.0	0.0	0.0	0.0
882	1	437.44	0.0	0.0	-12.72	0.0	-3.10e-03	6.36	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	275.1	-3.10e-03	-6.36	0.0	0.0	0.0	0.0
882	2	336.49	0.0	0.0	-9.78	0.0	-2.66e-03	4.89	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	275.1	-2.66e-03	-4.89	0.0	0.0	0.0	0.0
882	3	336.49	0.0	0.0	-9.78	0.0	-2.85e-03	4.89	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	275.1	-2.85e-03	-4.89	0.0	0.0	0.0	0.0
882	4	336.49	0.0	0.0	-9.78	0.0	-5.31e-03	4.89	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	275.1	-5.31e-03	-4.89	0.0	0.0	0.0	0.0
882	5	336.49	0.0	0.0	-9.78	0.0	-5.31e-03	4.89	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	275.1	-5.31e-03	-4.89	0.0	0.0	0.0	0.0
883	1	116.73	0.0	0.0	-6.57	0.0	0.13	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.13	-3.29	0.0	0.0	0.0	0.0
883	2	89.79	0.0	0.0	-5.05	0.0	0.10	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.10	-2.53	0.0	0.0	0.0	0.0
883	3	89.79	0.0	0.0	-5.05	0.0	0.10	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.10	-2.53	0.0	0.0	0.0	0.0
883	4	89.79	0.0	0.0	-5.05	0.0	0.09	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.09	-2.53	0.0	0.0	0.0	0.0
883	5	89.79	0.0	0.0	-5.05	0.0	0.09	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.09	-2.53	0.0	0.0	0.0	0.0
884	1	116.73	0.0	0.0	-6.57	0.0	1.12	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.12	-3.29	0.0	0.0	0.0	0.0
884	2	89.79	0.0	0.0	-5.05	0.0	0.93	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.93	-2.53	0.0	0.0	0.0	0.0
884	3	89.79	0.0	0.0	-5.05	0.0	0.82	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.82	-2.53	0.0	0.0	0.0	0.0

884	4	89.79	0.0	0.0	-5.05	0.0	0.68	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.68	-2.53	0.0	0.0	0.0	0.0
884	5	89.79	0.0	0.0	-5.05	0.0	0.68	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.68	-2.53	0.0	0.0	0.0	0.0
885	1	116.73	0.0	0.0	-6.57	0.0	1.19	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.19	-3.29	0.0	0.0	0.0	0.0
885	2	89.79	0.0	0.0	-5.05	0.0	0.91	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.91	-2.53	0.0	0.0	0.0	0.0
885	3	89.79	0.0	0.0	-5.05	0.0	0.87	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.87	-2.53	0.0	0.0	0.0	0.0
885	4	89.79	0.0	0.0	-5.05	0.0	0.76	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.76	-2.53	0.0	0.0	0.0	0.0
885	5	89.79	0.0	0.0	-5.05	0.0	0.76	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.76	-2.53	0.0	0.0	0.0	0.0
886	1	116.73	0.0	0.0	-6.57	0.0	2.84e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.84e-03	-3.29	0.0	0.0	0.0	0.0
886	2	89.79	0.0	0.0	-5.05	0.0	1.34e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.34e-03	-2.53	0.0	0.0	0.0	0.0
886	3	89.79	0.0	0.0	-5.05	0.0	1.87e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.87e-03	-2.53	0.0	0.0	0.0	0.0
886	4	89.79	0.0	0.0	-5.05	0.0	3.48e-04	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	3.48e-04	-2.53	0.0	0.0	0.0	0.0
886	5	89.79	0.0	0.0	-5.05	0.0	3.48e-04	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	3.48e-04	-2.53	0.0	0.0	0.0	0.0
887	1	437.44	0.0	0.0	-12.72	0.0	1.23	6.36	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	275.1	1.23	-6.36	0.0	0.0	0.0	0.0
887	2	336.49	0.0	0.0	-9.78	0.0	1.05	4.89	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	275.1	1.05	-4.89	0.0	0.0	0.0	0.0
887	3	336.49	0.0	0.0	-9.78	0.0	0.90	4.89	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	275.1	0.90	-4.89	0.0	0.0	0.0	0.0
887	4	336.49	0.0	0.0	-9.78	0.0	0.70	4.89	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	275.1	0.70	-4.89	0.0	0.0	0.0	0.0
887	5	336.49	0.0	0.0	-9.78	0.0	0.70	4.89	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	275.1	0.70	-4.89	0.0	0.0	0.0	0.0
888	1	437.44	0.0	0.0	-12.72	0.0	4.69	6.36	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	275.1	4.69	-6.36	0.0	0.0	0.0	0.0
888	2	336.49	0.0	0.0	-9.78	0.0	3.75	4.89	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	275.1	3.75	-4.89	0.0	0.0	0.0	0.0
888	3	336.49	0.0	0.0	-9.78	0.0	3.53	4.89	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	275.1	3.53	-4.89	0.0	0.0	0.0	0.0
888	4	336.49	0.0	0.0	-9.78	0.0	3.04	4.89	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	275.1	3.04	-4.89	0.0	0.0	0.0	0.0
888	5	336.49	0.0	0.0	-9.78	0.0	3.04	4.89	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	275.1	3.04	-4.89	0.0	0.0	0.0	0.0
889	1	116.73	0.0	0.0	-6.57	0.0	-3.46e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.46e-03	-3.29	0.0	0.0	0.0	0.0
889	2	89.79	0.0	0.0	-5.05	0.0	-3.57e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.57e-03	-2.53	0.0	0.0	0.0	0.0
889	3	89.79	0.0	0.0	-5.05	0.0	-1.82e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-1.82e-03	-2.53	0.0	0.0	0.0	0.0
889	4	89.79	0.0	0.0	-5.05	0.0	-3.70e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.70e-03	-2.53	0.0	0.0	0.0	0.0
889	5	89.79	0.0	0.0	-5.05	0.0	-3.70e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.70e-03	-2.53	0.0	0.0	0.0	0.0
890	1	116.73	0.0	0.0	-6.57	0.0	3.63	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	3.63	-3.29	0.0	0.0	0.0	0.0
890	2	89.79	0.0	0.0	-5.05	0.0	2.97	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.97	-2.53	0.0	0.0	0.0	0.0
890	3	89.79	0.0	0.0	-5.05	0.0	2.74	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.74	-2.53	0.0	0.0	0.0	0.0
890	4	89.79	0.0	0.0	-5.05	0.0	2.26	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.26	-2.53	0.0	0.0	0.0	0.0
890	5	89.79	0.0	0.0	-5.05	0.0	2.26	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.26	-2.53	0.0	0.0	0.0	0.0
891	1	116.73	0.0	0.0	-6.57	0.0	5.01	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	5.01	-3.29	0.0	0.0	0.0	0.0
891	2	89.79	0.0	0.0	-5.05	0.0	3.91	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	3.91	-2.53	0.0	0.0	0.0	0.0
891	3	89.79	0.0	0.0	-5.05	0.0	3.54	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	3.54	-2.53	0.0	0.0	0.0	0.0
891	4	89.79	0.0	0.0	-5.05	0.0	2.91	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.91	-2.53	0.0	0.0	0.0	0.0
891	5	89.79	0.0	0.0	-5.05	0.0	2.91	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.91	-2.53	0.0	0.0	0.0	0.0
892	1	116.73	0.0	0.0	-6.57	0.0	-4.21e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-4.21e-03	-3.29	0.0	0.0	0.0	0.0
892	2	89.79	0.0	0.0	-5.05	0.0	-1.92e-03	2.53	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	142.1	-1.92e-03	-2.53	0.0	0.0	0.0	0.0
892	3	89.79	0.0	0.0	-5.05	0.0	-4.08e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-4.08e-03	-2.53	0.0	0.0	0.0	0.0
892	4	89.79	0.0	0.0	-5.05	0.0	-4.20e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-4.20e-03	-2.53	0.0	0.0	0.0	0.0
892	5	89.79	0.0	0.0	-5.05	0.0	-4.20e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-4.20e-03	-2.53	0.0	0.0	0.0	0.0
893	1	88.56	0.0	0.0	-5.72	0.0	-4.11e-03	2.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-4.11e-03	-2.86	0.0	0.0	0.0	0.0
893	2	68.12	0.0	0.0	-4.40	0.0	-1.43e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-1.43e-03	-2.20	0.0	0.0	0.0	0.0
893	3	68.12	0.0	0.0	-4.40	0.0	-1.99e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-1.99e-03	-2.20	0.0	0.0	0.0	0.0
893	4	68.12	0.0	0.0	-4.40	0.0	-4.02e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-4.02e-03	-2.20	0.0	0.0	0.0	0.0
893	5	68.12	0.0	0.0	-4.40	0.0	-4.02e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-4.02e-03	-2.20	0.0	0.0	0.0	0.0
894	1	88.56	0.0	0.0	-5.72	0.0	9.82	2.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	9.82	-2.86	0.0	0.0	0.0	0.0
894	2	68.12	0.0	0.0	-4.40	0.0	7.83	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	7.83	-2.20	0.0	0.0	0.0	0.0
894	3	68.12	0.0	0.0	-4.40	0.0	7.22	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	7.22	-2.20	0.0	0.0	0.0	0.0
894	4	68.12	0.0	0.0	-4.40	0.0	6.24	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	6.24	-2.20	0.0	0.0	0.0	0.0
894	5	68.12	0.0	0.0	-4.40	0.0	6.24	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	6.24	-2.20	0.0	0.0	0.0	0.0
895	1	93.61	0.0	0.0	-5.88	0.0	2.56	2.94	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	2.56	-2.94	0.0	0.0	0.0	0.0
895	2	72.01	0.0	0.0	-4.53	0.0	2.10	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	2.10	-2.26	0.0	0.0	0.0	0.0
895	3	72.01	0.0	0.0	-4.53	0.0	1.95	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	1.95	-2.26	0.0	0.0	0.0	0.0
895	4	72.01	0.0	0.0	-4.53	0.0	1.78	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	1.78	-2.26	0.0	0.0	0.0	0.0
895	5	72.01	0.0	0.0	-4.53	0.0	1.78	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	1.78	-2.26	0.0	0.0	0.0	0.0
896	1	93.61	0.0	0.0	-5.88	0.0	-3.83e-03	2.94	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-3.83e-03	-2.94	0.0	0.0	0.0	0.0
896	2	72.01	0.0	0.0	-4.53	0.0	-3.69e-03	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-3.69e-03	-2.26	0.0	0.0	0.0	0.0
896	3	72.01	0.0	0.0	-4.53	0.0	-1.48e-03	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-1.48e-03	-2.26	0.0	0.0	0.0	0.0
896	4	72.01	0.0	0.0	-4.53	0.0	-3.83e-03	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-3.83e-03	-2.26	0.0	0.0	0.0	0.0
896	5	72.01	0.0	0.0	-4.53	0.0	-3.83e-03	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-3.83e-03	-2.26	0.0	0.0	0.0	0.0
897	1	88.56	0.0	0.0	-5.72	0.0	14.67	2.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	14.67	-2.86	0.0	0.0	0.0	0.0
897	2	68.12	0.0	0.0	-4.40	0.0	11.91	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	11.91	-2.20	0.0	0.0	0.0	0.0
897	3	68.12	0.0	0.0	-4.40	0.0	11.13	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	11.13	-2.20	0.0	0.0	0.0	0.0
897	4	68.12	0.0	0.0	-4.40	0.0	9.67	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	9.67	-2.20	0.0	0.0	0.0	0.0
897	5	68.12	0.0	0.0	-4.40	0.0	9.67	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	9.67	-2.20	0.0	0.0	0.0	0.0
898	1	88.56	0.0	0.0	-5.72	0.0	-3.98e-03	2.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-3.98e-03	-2.86	0.0	0.0	0.0	0.0
898	2	68.12	0.0	0.0	-4.40	0.0	-4.05e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-4.05e-03	-2.20	0.0	0.0	0.0	0.0
898	3	68.12	0.0	0.0	-4.40	0.0	-3.92e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-3.92e-03	-2.20	0.0	0.0	0.0	0.0
898	4	68.12	0.0	0.0	-4.40	0.0	-4.04e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-4.04e-03	-2.20	0.0	0.0	0.0	0.0
898	5	68.12	0.0	0.0	-4.40	0.0	-4.04e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-4.04e-03	-2.20	0.0	0.0	0.0	0.0
899	1	116.73	0.0	0.0	-6.57	0.0	-4.19e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-4.19e-03	-3.29	0.0	0.0	0.0	0.0
899	2	89.79	0.0	0.0	-5.05	0.0	-1.77e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-1.77e-03	-2.53	0.0	0.0	0.0	0.0
899	3	89.79	0.0	0.0	-5.05	0.0	-3.99e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.99e-03	-2.53	0.0	0.0	0.0	0.0
899	4	89.79	0.0	0.0	-5.05	0.0	-3.79e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.79e-03	-2.53	0.0	0.0	0.0	0.0
899	5	89.79	0.0	0.0	-5.05	0.0	-3.79e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.79e-03	-2.53	0.0	0.0	0.0	0.0

900	1	116.73	0.0	0.0	-6.57	0.0	14.95	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	14.95	-3.29	0.0	0.0	0.0	0.0
900	2	89.79	0.0	0.0	-5.05	0.0	12.00	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	12.00	-2.53	0.0	0.0	0.0	0.0
900	3	89.79	0.0	0.0	-5.05	0.0	11.21	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	11.21	-2.53	0.0	0.0	0.0	0.0
900	4	89.79	0.0	0.0	-5.05	0.0	9.61	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	9.61	-2.53	0.0	0.0	0.0	0.0
900	5	89.79	0.0	0.0	-5.05	0.0	9.61	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	9.61	-2.53	0.0	0.0	0.0	0.0
901	1	116.73	0.0	0.0	-6.57	0.0	-4.38e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-4.38e-03	-3.29	0.0	0.0	0.0	0.0
901	2	89.79	0.0	0.0	-5.05	0.0	-1.62e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-1.62e-03	-2.53	0.0	0.0	0.0	0.0
901	3	89.79	0.0	0.0	-5.05	0.0	-2.14e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-2.14e-03	-2.53	0.0	0.0	0.0	0.0
901	4	89.79	0.0	0.0	-5.05	0.0	-2.98e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-2.98e-03	-2.53	0.0	0.0	0.0	0.0
901	5	89.79	0.0	0.0	-5.05	0.0	-2.98e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-2.98e-03	-2.53	0.0	0.0	0.0	0.0
902	1	116.73	0.0	0.0	-6.57	0.0	-4.16e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-4.16e-03	-3.29	0.0	0.0	0.0	0.0
902	2	89.79	0.0	0.0	-5.05	0.0	-4.29e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-4.29e-03	-2.53	0.0	0.0	0.0	0.0
902	3	89.79	0.0	0.0	-5.05	0.0	-3.89e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.89e-03	-2.53	0.0	0.0	0.0	0.0
902	4	89.79	0.0	0.0	-5.05	0.0	-2.12e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-2.12e-03	-2.53	0.0	0.0	0.0	0.0
902	5	89.79	0.0	0.0	-5.05	0.0	-2.12e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-2.12e-03	-2.53	0.0	0.0	0.0	0.0
903	1	88.56	0.0	0.0	-5.72	0.0	-4.26e-03	2.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-4.26e-03	-2.86	0.0	0.0	0.0	0.0
903	2	68.12	0.0	0.0	-4.40	0.0	-4.36e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-4.36e-03	-2.20	0.0	0.0	0.0	0.0
903	3	68.12	0.0	0.0	-4.40	0.0	-3.81e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-3.81e-03	-2.20	0.0	0.0	0.0	0.0
903	4	68.12	0.0	0.0	-4.40	0.0	-4.30e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-4.30e-03	-2.20	0.0	0.0	0.0	0.0
903	5	68.12	0.0	0.0	-4.40	0.0	-4.30e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-4.30e-03	-2.20	0.0	0.0	0.0	0.0
904	1	88.56	0.0	0.0	-5.72	0.0	2.20	2.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	2.20	-2.86	0.0	0.0	0.0	0.0
904	2	68.12	0.0	0.0	-4.40	0.0	1.81	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	1.81	-2.20	0.0	0.0	0.0	0.0
904	3	68.12	0.0	0.0	-4.40	0.0	1.67	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	1.67	-2.20	0.0	0.0	0.0	0.0
904	4	68.12	0.0	0.0	-4.40	0.0	1.20	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	1.20	-2.20	0.0	0.0	0.0	0.0
904	5	68.12	0.0	0.0	-4.40	0.0	1.20	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	1.20	-2.20	0.0	0.0	0.0	0.0
905	1	93.61	0.0	0.0	-5.88	0.0	0.54	2.94	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	0.54	-2.94	0.0	0.0	0.0	0.0
905	2	72.01	0.0	0.0	-4.53	0.0	0.35	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	0.35	-2.26	0.0	0.0	0.0	0.0
905	3	72.01	0.0	0.0	-4.53	0.0	0.32	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	0.32	-2.26	0.0	0.0	0.0	0.0
905	4	72.01	0.0	0.0	-4.53	0.0	0.31	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	0.31	-2.26	0.0	0.0	0.0	0.0
905	5	72.01	0.0	0.0	-4.53	0.0	0.31	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	0.31	-2.26	0.0	0.0	0.0	0.0
906	1	93.61	0.0	0.0	-5.88	0.0	-4.00e-03	2.94	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-4.00e-03	-2.94	0.0	0.0	0.0	0.0
906	2	72.01	0.0	0.0	-4.53	0.0	-1.88e-03	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-1.88e-03	-2.26	0.0	0.0	0.0	0.0
906	3	72.01	0.0	0.0	-4.53	0.0	-1.88e-03	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-1.88e-03	-2.26	0.0	0.0	0.0	0.0
906	4	72.01	0.0	0.0	-4.53	0.0	-3.95e-03	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-3.95e-03	-2.26	0.0	0.0	0.0	0.0
906	5	72.01	0.0	0.0	-4.53	0.0	-3.95e-03	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-3.95e-03	-2.26	0.0	0.0	0.0	0.0
907	1	88.56	0.0	0.0	-5.72	0.0	3.58	2.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	3.58	-2.86	0.0	0.0	0.0	0.0
907	2	68.12	0.0	0.0	-4.40	0.0	2.90	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	2.90	-2.20	0.0	0.0	0.0	0.0
907	3	68.12	0.0	0.0	-4.40	0.0	2.57	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	2.57	-2.20	0.0	0.0	0.0	0.0
907	4	68.12	0.0	0.0	-4.40	0.0	2.18	2.20	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	123.8	2.18	-2.20	0.0	0.0	0.0	0.0
907	5	68.12	0.0	0.0	-4.40	0.0	2.18	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	2.18	-2.20	0.0	0.0	0.0	0.0
908	1	88.56	0.0	0.0	-5.72	0.0	-2.99e-03	2.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-2.99e-03	-2.86	0.0	0.0	0.0	0.0
908	2	68.12	0.0	0.0	-4.40	0.0	-4.22e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-4.22e-03	-2.20	0.0	0.0	0.0	0.0
908	3	68.12	0.0	0.0	-4.40	0.0	-4.27e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-4.27e-03	-2.20	0.0	0.0	0.0	0.0
908	4	68.12	0.0	0.0	-4.40	0.0	-4.04e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-4.04e-03	-2.20	0.0	0.0	0.0	0.0
908	5	68.12	0.0	0.0	-4.40	0.0	-4.04e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-4.04e-03	-2.20	0.0	0.0	0.0	0.0
909	1	116.73	0.0	0.0	-6.57	0.0	-4.51e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-4.51e-03	-3.29	0.0	0.0	0.0	0.0
909	2	89.79	0.0	0.0	-5.05	0.0	-2.74e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-2.74e-03	-2.53	0.0	0.0	0.0	0.0
909	3	89.79	0.0	0.0	-5.05	0.0	-4.34e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-4.34e-03	-2.53	0.0	0.0	0.0	0.0
909	4	89.79	0.0	0.0	-5.05	0.0	-4.09e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-4.09e-03	-2.53	0.0	0.0	0.0	0.0
909	5	89.79	0.0	0.0	-5.05	0.0	-4.09e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-4.09e-03	-2.53	0.0	0.0	0.0	0.0
910	1	116.73	0.0	0.0	-6.57	0.0	4.41	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	4.41	-3.29	0.0	0.0	0.0	0.0
910	2	89.79	0.0	0.0	-5.05	0.0	3.46	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	3.46	-2.53	0.0	0.0	0.0	0.0
910	3	89.79	0.0	0.0	-5.05	0.0	3.29	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	3.29	-2.53	0.0	0.0	0.0	0.0
910	4	89.79	0.0	0.0	-5.05	0.0	3.65	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	3.65	-2.53	0.0	0.0	0.0	0.0
910	5	89.79	0.0	0.0	-5.05	0.0	3.65	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	3.65	-2.53	0.0	0.0	0.0	0.0
911	1	116.73	0.0	0.0	-6.57	0.0	0.25	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.25	-3.29	0.0	0.0	0.0	0.0
911	2	89.79	0.0	0.0	-5.05	0.0	0.20	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.20	-2.53	0.0	0.0	0.0	0.0
911	3	89.79	0.0	0.0	-5.05	0.0	0.18	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.18	-2.53	0.0	0.0	0.0	0.0
911	4	89.79	0.0	0.0	-5.05	0.0	0.24	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.24	-2.53	0.0	0.0	0.0	0.0
911	5	89.79	0.0	0.0	-5.05	0.0	0.24	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.24	-2.53	0.0	0.0	0.0	0.0
912	1	116.73	0.0	0.0	-6.57	0.0	-4.00e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-4.00e-03	-3.29	0.0	0.0	0.0	0.0
912	2	89.79	0.0	0.0	-5.05	0.0	-4.40e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-4.40e-03	-2.53	0.0	0.0	0.0	0.0
912	3	89.79	0.0	0.0	-5.05	0.0	-3.69e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.69e-03	-2.53	0.0	0.0	0.0	0.0
912	4	89.79	0.0	0.0	-5.05	0.0	-4.31e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-4.31e-03	-2.53	0.0	0.0	0.0	0.0
912	5	89.79	0.0	0.0	-5.05	0.0	-4.31e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-4.31e-03	-2.53	0.0	0.0	0.0	0.0
913	1	88.56	0.0	0.0	-5.72	0.0	8.55	2.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	8.55	-2.86	0.0	0.0	0.0	0.0
913	2	68.12	0.0	0.0	-4.40	0.0	6.78	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	6.78	-2.20	0.0	0.0	0.0	0.0
913	3	68.12	0.0	0.0	-4.40	0.0	6.36	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	6.36	-2.20	0.0	0.0	0.0	0.0
913	4	68.12	0.0	0.0	-4.40	0.0	5.24	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	5.24	-2.20	0.0	0.0	0.0	0.0
913	5	68.12	0.0	0.0	-4.40	0.0	5.24	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	5.24	-2.20	0.0	0.0	0.0	0.0
914	1	88.56	0.0	0.0	-5.72	0.0	-4.14e-03	2.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-4.14e-03	-2.86	0.0	0.0	0.0	0.0
914	2	68.12	0.0	0.0	-4.40	0.0	-3.93e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-3.93e-03	-2.20	0.0	0.0	0.0	0.0
914	3	68.12	0.0	0.0	-4.40	0.0	-2.68e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-2.68e-03	-2.20	0.0	0.0	0.0	0.0
914	4	68.12	0.0	0.0	-4.40	0.0	-4.23e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-4.23e-03	-2.20	0.0	0.0	0.0	0.0
914	5	68.12	0.0	0.0	-4.40	0.0	-4.23e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-4.23e-03	-2.20	0.0	0.0	0.0	0.0
915	1	93.61	0.0	0.0	-5.88	0.0	8.82	2.94	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	8.82	-2.94	0.0	0.0	0.0	0.0
915	2	72.01	0.0	0.0	-4.53	0.0	7.12	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	7.12	-2.26	0.0	0.0	0.0	0.0



915	3	72.01	0.0	0.0	-4.53	0.0	6.68	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	6.68	-2.26	0.0	0.0	0.0	0.0
915	4	72.01	0.0	0.0	-4.53	0.0	5.80	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	5.80	-2.26	0.0	0.0	0.0	0.0
915	5	72.01	0.0	0.0	-4.53	0.0	5.80	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	5.80	-2.26	0.0	0.0	0.0	0.0
916	1	93.61	0.0	0.0	-5.88	0.0	-4.22e-03	2.94	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-4.22e-03	-2.94	0.0	0.0	0.0	0.0
916	2	72.01	0.0	0.0	-4.53	0.0	-4.02e-03	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-4.02e-03	-2.26	0.0	0.0	0.0	0.0
916	3	72.01	0.0	0.0	-4.53	0.0	-2.20e-03	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-2.20e-03	-2.26	0.0	0.0	0.0	0.0
916	4	72.01	0.0	0.0	-4.53	0.0	-4.12e-03	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-4.12e-03	-2.26	0.0	0.0	0.0	0.0
916	5	72.01	0.0	0.0	-4.53	0.0	-4.12e-03	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-4.12e-03	-2.26	0.0	0.0	0.0	0.0
917	1	88.56	0.0	0.0	-5.72	0.0	3.41	2.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	3.41	-2.86	0.0	0.0	0.0	0.0
917	2	68.12	0.0	0.0	-4.40	0.0	2.71	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	2.71	-2.20	0.0	0.0	0.0	0.0
917	3	68.12	0.0	0.0	-4.40	0.0	2.53	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	2.53	-2.20	0.0	0.0	0.0	0.0
917	4	68.12	0.0	0.0	-4.40	0.0	2.38	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	2.38	-2.20	0.0	0.0	0.0	0.0
917	5	68.12	0.0	0.0	-4.40	0.0	2.38	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	2.38	-2.20	0.0	0.0	0.0	0.0
918	1	88.56	0.0	0.0	-5.72	0.0	-4.15e-03	2.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-4.15e-03	-2.86	0.0	0.0	0.0	0.0
918	2	68.12	0.0	0.0	-4.40	0.0	-4.20e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-4.20e-03	-2.20	0.0	0.0	0.0	0.0
918	3	68.12	0.0	0.0	-4.40	0.0	-4.28e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-4.28e-03	-2.20	0.0	0.0	0.0	0.0
918	4	68.12	0.0	0.0	-4.40	0.0	-1.86e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-1.86e-03	-2.20	0.0	0.0	0.0	0.0
918	5	68.12	0.0	0.0	-4.40	0.0	-1.86e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-1.86e-03	-2.20	0.0	0.0	0.0	0.0
919	1	116.73	0.0	0.0	-6.57	0.0	0.32	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.32	-3.29	0.0	0.0	0.0	0.0
919	2	89.79	0.0	0.0	-5.05	0.0	0.31	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.31	-2.53	0.0	0.0	0.0	0.0
919	3	89.79	0.0	0.0	-5.05	0.0	0.29	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.29	-2.53	0.0	0.0	0.0	0.0
919	4	89.79	0.0	0.0	-5.05	0.0	0.38	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.38	-2.53	0.0	0.0	0.0	0.0
919	5	89.79	0.0	0.0	-5.05	0.0	0.38	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.38	-2.53	0.0	0.0	0.0	0.0
920	1	116.73	0.0	0.0	-6.57	0.0	-4.20e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-4.20e-03	-3.29	0.0	0.0	0.0	0.0
920	2	89.79	0.0	0.0	-5.05	0.0	-4.35e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-4.35e-03	-2.53	0.0	0.0	0.0	0.0
920	3	89.79	0.0	0.0	-5.05	0.0	-4.07e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-4.07e-03	-2.53	0.0	0.0	0.0	0.0
920	4	89.79	0.0	0.0	-5.05	0.0	-1.55e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-1.55e-03	-2.53	0.0	0.0	0.0	0.0
920	5	89.79	0.0	0.0	-5.05	0.0	-1.55e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-1.55e-03	-2.53	0.0	0.0	0.0	0.0
921	1	116.73	0.0	0.0	-6.57	0.0	-3.74e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.74e-03	-3.29	0.0	0.0	0.0	0.0
921	2	89.79	0.0	0.0	-5.05	0.0	-4.21e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-4.21e-03	-2.53	0.0	0.0	0.0	0.0
921	3	89.79	0.0	0.0	-5.05	0.0	-4.29e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-4.29e-03	-2.53	0.0	0.0	0.0	0.0
921	4	89.79	0.0	0.0	-5.05	0.0	-4.12e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-4.12e-03	-2.53	0.0	0.0	0.0	0.0
921	5	89.79	0.0	0.0	-5.05	0.0	-4.12e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-4.12e-03	-2.53	0.0	0.0	0.0	0.0
922	1	116.73	0.0	0.0	-6.57	0.0	9.13	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	9.13	-3.29	0.0	0.0	0.0	0.0
922	2	89.79	0.0	0.0	-5.05	0.0	7.22	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	7.22	-2.53	0.0	0.0	0.0	0.0
922	3	89.79	0.0	0.0	-5.05	0.0	6.66	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	6.66	-2.53	0.0	0.0	0.0	0.0
922	4	89.79	0.0	0.0	-5.05	0.0	5.43	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	5.43	-2.53	0.0	0.0	0.0	0.0
922	5	89.79	0.0	0.0	-5.05	0.0	5.43	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	5.43	-2.53	0.0	0.0	0.0	0.0
923	1	88.56	0.0	0.0	-5.72	0.0	0.04	2.86	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	123.8	0.04	-2.86	0.0	0.0	0.0	0.0
923	2	68.12	0.0	0.0	-4.40	0.0	0.03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	0.03	-2.20	0.0	0.0	0.0	0.0
923	3	68.12	0.0	0.0	-4.40	0.0	0.04	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	0.04	-2.20	0.0	0.0	0.0	0.0
923	4	68.12	0.0	0.0	-4.40	0.0	0.05	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	0.05	-2.20	0.0	0.0	0.0	0.0
923	5	68.12	0.0	0.0	-4.40	0.0	0.05	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	0.05	-2.20	0.0	0.0	0.0	0.0
924	1	88.56	0.0	0.0	-5.72	0.0	-2.10e-03	2.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-2.10e-03	-2.86	0.0	0.0	0.0	0.0
924	2	68.12	0.0	0.0	-4.40	0.0	-3.89e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-3.89e-03	-2.20	0.0	0.0	0.0	0.0
924	3	68.12	0.0	0.0	-4.40	0.0	-1.32e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-1.32e-03	-2.20	0.0	0.0	0.0	0.0
924	4	68.12	0.0	0.0	-4.40	0.0	-3.87e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-3.87e-03	-2.20	0.0	0.0	0.0	0.0
924	5	68.12	0.0	0.0	-4.40	0.0	-3.87e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-3.87e-03	-2.20	0.0	0.0	0.0	0.0
925	1	93.61	0.0	0.0	-5.88	0.0	-3.80e-03	2.94	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-3.80e-03	-2.94	0.0	0.0	0.0	0.0
925	2	72.01	0.0	0.0	-4.53	0.0	-1.52e-03	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-1.52e-03	-2.26	0.0	0.0	0.0	0.0
925	3	72.01	0.0	0.0	-4.53	0.0	-3.64e-03	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-3.64e-03	-2.26	0.0	0.0	0.0	0.0
925	4	72.01	0.0	0.0	-4.53	0.0	-3.80e-03	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-3.80e-03	-2.26	0.0	0.0	0.0	0.0
925	5	72.01	0.0	0.0	-4.53	0.0	-3.80e-03	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-3.80e-03	-2.26	0.0	0.0	0.0	0.0
926	1	93.61	0.0	0.0	-5.88	0.0	9.96	2.94	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	9.96	-2.94	0.0	0.0	0.0	0.0
926	2	72.01	0.0	0.0	-4.53	0.0	8.05	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	8.05	-2.26	0.0	0.0	0.0	0.0
926	3	72.01	0.0	0.0	-4.53	0.0	7.42	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	7.42	-2.26	0.0	0.0	0.0	0.0
926	4	72.01	0.0	0.0	-4.53	0.0	6.76	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	6.76	-2.26	0.0	0.0	0.0	0.0
926	5	72.01	0.0	0.0	-4.53	0.0	6.76	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	6.76	-2.26	0.0	0.0	0.0	0.0
927	1	88.56	0.0	0.0	-5.72	0.0	-1.56e-03	2.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-1.56e-03	-2.86	0.0	0.0	0.0	0.0
927	2	68.12	0.0	0.0	-4.40	0.0	-3.84e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-3.84e-03	-2.20	0.0	0.0	0.0	0.0
927	3	68.12	0.0	0.0	-4.40	0.0	-1.94e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-1.94e-03	-2.20	0.0	0.0	0.0	0.0
927	4	68.12	0.0	0.0	-4.40	0.0	-3.79e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-3.79e-03	-2.20	0.0	0.0	0.0	0.0
927	5	68.12	0.0	0.0	-4.40	0.0	-3.79e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-3.79e-03	-2.20	0.0	0.0	0.0	0.0
928	1	88.56	0.0	0.0	-5.72	0.0	14.81	2.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	14.81	-2.86	0.0	0.0	0.0	0.0
928	2	68.12	0.0	0.0	-4.40	0.0	11.95	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	11.95	-2.20	0.0	0.0	0.0	0.0
928	3	68.12	0.0	0.0	-4.40	0.0	11.38	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	11.38	-2.20	0.0	0.0	0.0	0.0
928	4	68.12	0.0	0.0	-4.40	0.0	10.58	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	10.58	-2.20	0.0	0.0	0.0	0.0
928	5	68.12	0.0	0.0	-4.40	0.0	10.58	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	10.58	-2.20	0.0	0.0	0.0	0.0
929	1	116.73	0.0	0.0	-6.57	0.0	-3.77e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.77e-03	-3.29	0.0	0.0	0.0	0.0
929	2	89.79	0.0	0.0	-5.05	0.0	-3.95e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.95e-03	-2.53	0.0	0.0	0.0	0.0
929	3	89.79	0.0	0.0	-5.05	0.0	-4.09e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-4.09e-03	-2.53	0.0	0.0	0.0	0.0
929	4	89.79	0.0	0.0	-5.05	0.0	-4.14e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-4.14e-03	-2.53	0.0	0.0	0.0	0.0
929	5	89.79	0.0	0.0	-5.05	0.0	-4.14e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-4.14e-03	-2.53	0.0	0.0	0.0	0.0
930	1	116.73	0.0	0.0	-6.57	0.0	0.59	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.59	-3.29	0.0	0.0	0.0	0.0
930	2	89.79	0.0	0.0	-5.05	0.0	0.49	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.49	-2.53	0.0	0.0	0.0	0.0
930	3	89.79	0.0	0.0	-5.05	0.0	0.45	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.45	-2.53	0.0	0.0	0.0	0.0
930	4	89.79	0.0	0.0	-5.05	0.0	0.35	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.35	-2.53	0.0	0.0	0.0	0.0

930	5	89.79	0.0	0.0	-5.05	0.0	0.35	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.35	-2.53	0.0	0.0	0.0	0.0
931	1	116.73	0.0	0.0	-6.57	0.0	1.86	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.86	-3.29	0.0	0.0	0.0	0.0
931	2	89.79	0.0	0.0	-5.05	0.0	1.48	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.48	-2.53	0.0	0.0	0.0	0.0
931	3	89.79	0.0	0.0	-5.05	0.0	1.41	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.41	-2.53	0.0	0.0	0.0	0.0
931	4	89.79	0.0	0.0	-5.05	0.0	1.26	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.26	-2.53	0.0	0.0	0.0	0.0
931	5	89.79	0.0	0.0	-5.05	0.0	1.26	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.26	-2.53	0.0	0.0	0.0	0.0
932	1	116.73	0.0	0.0	-6.57	0.0	-3.42e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.42e-03	-3.29	0.0	0.0	0.0	0.0
932	2	89.79	0.0	0.0	-5.05	0.0	-3.47e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.47e-03	-2.53	0.0	0.0	0.0	0.0
932	3	89.79	0.0	0.0	-5.05	0.0	-3.46e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.46e-03	-2.53	0.0	0.0	0.0	0.0
932	4	89.79	0.0	0.0	-5.05	0.0	-3.51e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.51e-03	-2.53	0.0	0.0	0.0	0.0
932	5	89.79	0.0	0.0	-5.05	0.0	-3.51e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.51e-03	-2.53	0.0	0.0	0.0	0.0
933	1	116.73	0.0	0.0	-6.57	0.0	0.85	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.85	-3.29	0.0	0.0	0.0	0.0
933	2	89.79	0.0	0.0	-5.05	0.0	0.74	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.74	-2.53	0.0	0.0	0.0	0.0
933	3	89.79	0.0	0.0	-5.05	0.0	0.63	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.63	-2.53	0.0	0.0	0.0	0.0
933	4	89.79	0.0	0.0	-5.05	0.0	0.44	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.44	-2.53	0.0	0.0	0.0	0.0
933	5	89.79	0.0	0.0	-5.05	0.0	0.44	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.44	-2.53	0.0	0.0	0.0	0.0
934	1	116.73	0.0	0.0	-6.57	0.0	-3.56e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.56e-03	-3.29	0.0	0.0	0.0	0.0
934	2	89.79	0.0	0.0	-5.05	0.0	-3.49e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.49e-03	-2.53	0.0	0.0	0.0	0.0
934	3	89.79	0.0	0.0	-5.05	0.0	-3.11e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.11e-03	-2.53	0.0	0.0	0.0	0.0
934	4	89.79	0.0	0.0	-5.05	0.0	-3.48e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.48e-03	-2.53	0.0	0.0	0.0	0.0
934	5	89.79	0.0	0.0	-5.05	0.0	-3.48e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.48e-03	-2.53	0.0	0.0	0.0	0.0
935	1	116.73	0.0	0.0	-6.57	0.0	7.67	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	7.67	-3.29	0.0	0.0	0.0	0.0
935	2	89.79	0.0	0.0	-5.05	0.0	6.23	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	6.23	-2.53	0.0	0.0	0.0	0.0
935	3	89.79	0.0	0.0	-5.05	0.0	5.77	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	5.77	-2.53	0.0	0.0	0.0	0.0
935	4	89.79	0.0	0.0	-5.05	0.0	4.90	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	4.90	-2.53	0.0	0.0	0.0	0.0
935	5	89.79	0.0	0.0	-5.05	0.0	4.90	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	4.90	-2.53	0.0	0.0	0.0	0.0
936	1	116.73	0.0	0.0	-6.57	0.0	-3.64e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.64e-03	-3.29	0.0	0.0	0.0	0.0
936	2	89.79	0.0	0.0	-5.05	0.0	-3.68e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.68e-03	-2.53	0.0	0.0	0.0	0.0
936	3	89.79	0.0	0.0	-5.05	0.0	-3.66e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.66e-03	-2.53	0.0	0.0	0.0	0.0
936	4	89.79	0.0	0.0	-5.05	0.0	-3.72e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.72e-03	-2.53	0.0	0.0	0.0	0.0
936	5	89.79	0.0	0.0	-5.05	0.0	-3.72e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.72e-03	-2.53	0.0	0.0	0.0	0.0
937	1	116.73	0.0	0.0	-6.57	0.0	6.68	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	6.68	-3.29	0.0	0.0	0.0	0.0
937	2	89.79	0.0	0.0	-5.05	0.0	5.33	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	5.33	-2.53	0.0	0.0	0.0	0.0
937	3	89.79	0.0	0.0	-5.05	0.0	5.05	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	5.05	-2.53	0.0	0.0	0.0	0.0
937	4	89.79	0.0	0.0	-5.05	0.0	4.53	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	4.53	-2.53	0.0	0.0	0.0	0.0
937	5	89.79	0.0	0.0	-5.05	0.0	4.53	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	4.53	-2.53	0.0	0.0	0.0	0.0
938	1	116.73	0.0	0.0	-6.57	0.0	-3.79e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.79e-03	-3.29	0.0	0.0	0.0	0.0
938	2	89.79	0.0	0.0	-5.05	0.0	-3.56e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.56e-03	-2.53	0.0	0.0	0.0	0.0
938	3	89.79	0.0	0.0	-5.05	0.0	-1.63e-03	2.53	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	142.1	-1.63e-03	-2.53	0.0	0.0	0.0	0.0
938	4	89.79	0.0	0.0	-5.05	0.0	-3.71e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.71e-03	-2.53	0.0	0.0	0.0	0.0
938	5	89.79	0.0	0.0	-5.05	0.0	-3.71e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.71e-03	-2.53	0.0	0.0	0.0	0.0
939	1	116.73	0.0	0.0	-6.57	0.0	11.71	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	11.71	-3.29	0.0	0.0	0.0	0.0
939	2	89.79	0.0	0.0	-5.05	0.0	9.70	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	9.70	-2.53	0.0	0.0	0.0	0.0
939	3	89.79	0.0	0.0	-5.05	0.0	8.71	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	8.71	-2.53	0.0	0.0	0.0	0.0
939	4	89.79	0.0	0.0	-5.05	0.0	6.76	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	6.76	-2.53	0.0	0.0	0.0	0.0
939	5	89.79	0.0	0.0	-5.05	0.0	6.76	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	6.76	-2.53	0.0	0.0	0.0	0.0
940	1	116.73	0.0	0.0	-6.57	0.0	-1.12e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-1.12e-03	-3.29	0.0	0.0	0.0	0.0
940	2	89.79	0.0	0.0	-5.05	0.0	-1.96e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-1.96e-03	-2.53	0.0	0.0	0.0	0.0
940	3	89.79	0.0	0.0	-5.05	0.0	-1.21e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-1.21e-03	-2.53	0.0	0.0	0.0	0.0
940	4	89.79	0.0	0.0	-5.05	0.0	-1.97e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-1.97e-03	-2.53	0.0	0.0	0.0	0.0
940	5	89.79	0.0	0.0	-5.05	0.0	-1.97e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-1.97e-03	-2.53	0.0	0.0	0.0	0.0
941	1	116.73	0.0	0.0	-6.57	0.0	0.94	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.94	-3.29	0.0	0.0	0.0	0.0
941	2	89.79	0.0	0.0	-5.05	0.0	0.78	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.78	-2.53	0.0	0.0	0.0	0.0
941	3	89.79	0.0	0.0	-5.05	0.0	0.68	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.68	-2.53	0.0	0.0	0.0	0.0
941	4	89.79	0.0	0.0	-5.05	0.0	0.52	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.52	-2.53	0.0	0.0	0.0	0.0
941	5	89.79	0.0	0.0	-5.05	0.0	0.52	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.52	-2.53	0.0	0.0	0.0	0.0
942	1	116.73	0.0	0.0	-6.57	0.0	-3.47e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.47e-03	-3.29	0.0	0.0	0.0	0.0
942	2	89.79	0.0	0.0	-5.05	0.0	-3.54e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.54e-03	-2.53	0.0	0.0	0.0	0.0
942	3	89.79	0.0	0.0	-5.05	0.0	-3.52e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.52e-03	-2.53	0.0	0.0	0.0	0.0
942	4	89.79	0.0	0.0	-5.05	0.0	-3.58e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.58e-03	-2.53	0.0	0.0	0.0	0.0
942	5	89.79	0.0	0.0	-5.05	0.0	-3.58e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.58e-03	-2.53	0.0	0.0	0.0	0.0
943	1	116.73	0.0	0.0	-6.57	0.0	2.42	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.42	-3.29	0.0	0.0	0.0	0.0
943	2	89.79	0.0	0.0	-5.05	0.0	1.90	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.90	-2.53	0.0	0.0	0.0	0.0
943	3	89.79	0.0	0.0	-5.05	0.0	1.82	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.82	-2.53	0.0	0.0	0.0	0.0
943	4	89.79	0.0	0.0	-5.05	0.0	1.67	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.67	-2.53	0.0	0.0	0.0	0.0
943	5	89.79	0.0	0.0	-5.05	0.0	1.67	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.67	-2.53	0.0	0.0	0.0	0.0
944	1	116.73	0.0	0.0	-6.57	0.0	-3.63e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.63e-03	-3.29	0.0	0.0	0.0	0.0
944	2	89.79	0.0	0.0	-5.05	0.0	-3.68e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.68e-03	-2.53	0.0	0.0	0.0	0.0
944	3	89.79	0.0	0.0	-5.05	0.0	-3.59e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.59e-03	-2.53	0.0	0.0	0.0	0.0
944	4	89.79	0.0	0.0	-5.05	0.0	-3.69e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.69e-03	-2.53	0.0	0.0	0.0	0.0
944	5	89.79	0.0	0.0	-5.05	0.0	-3.69e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.69e-03	-2.53	0.0	0.0	0.0	0.0
945	1	116.73	0.0	0.0	-6.57	0.0	0.80	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.80	-3.29	0.0	0.0	0.0	0.0
945	2	89.79	0.0	0.0	-5.05	0.0	0.60	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.60	-2.53	0.0	0.0	0.0	0.0
945	3	89.79	0.0	0.0	-5.05	0.0	0.59	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.59	-2.53	0.0	0.0	0.0	0.0
945	4	89.79	0.0	0.0	-5.05	0.0	0.42	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.42	-2.53	0.0	0.0	0.0	0.0
945	5	89.79	0.0	0.0	-5.05	0.0	0.42	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.42	-2.53	0.0	0.0	0.0	0.0
946	1	116.73	0.0	0.0	-6.57	0.0	-1.39e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-1.39e-03	-3.29	0.0	0.0	0.0	0.0

946	2	89.79	0.0	0.0	-5.05	0.0	-3.91e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.91e-03	-2.53	0.0	0.0	0.0	0.0
946	3	89.79	0.0	0.0	-5.05	0.0	-3.76e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.76e-03	-2.53	0.0	0.0	0.0	0.0
946	4	89.79	0.0	0.0	-5.05	0.0	-3.81e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.81e-03	-2.53	0.0	0.0	0.0	0.0
946	5	89.79	0.0	0.0	-5.05	0.0	-3.81e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.81e-03	-2.53	0.0	0.0	0.0	0.0
947	1	116.73	0.0	0.0	-6.57	0.0	0.04	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.04	-3.29	0.0	0.0	0.0	0.0
947	2	89.79	0.0	0.0	-5.05	0.0	0.04	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.04	-2.53	0.0	0.0	0.0	0.0
947	3	89.79	0.0	0.0	-5.05	0.0	0.03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.03	-2.53	0.0	0.0	0.0	0.0
947	4	89.79	0.0	0.0	-5.05	0.0	0.03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.03	-2.53	0.0	0.0	0.0	0.0
947	5	89.79	0.0	0.0	-5.05	0.0	0.03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.03	-2.53	0.0	0.0	0.0	0.0
948	1	116.73	0.0	0.0	-6.57	0.0	-1.99e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-1.99e-03	-3.29	0.0	0.0	0.0	0.0
948	2	89.79	0.0	0.0	-5.05	0.0	-3.69e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.69e-03	-2.53	0.0	0.0	0.0	0.0
948	3	89.79	0.0	0.0	-5.05	0.0	-3.63e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.63e-03	-2.53	0.0	0.0	0.0	0.0
948	4	89.79	0.0	0.0	-5.05	0.0	-3.74e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.74e-03	-2.53	0.0	0.0	0.0	0.0
948	5	89.79	0.0	0.0	-5.05	0.0	-3.74e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.74e-03	-2.53	0.0	0.0	0.0	0.0
949	1	116.73	0.0	0.0	-6.57	0.0	4.61	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	4.61	-3.29	0.0	0.0	0.0	0.0
949	2	89.79	0.0	0.0	-5.05	0.0	3.70	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	3.70	-2.53	0.0	0.0	0.0	0.0
949	3	89.79	0.0	0.0	-5.05	0.0	3.48	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	3.48	-2.53	0.0	0.0	0.0	0.0
949	4	89.79	0.0	0.0	-5.05	0.0	3.11	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	3.11	-2.53	0.0	0.0	0.0	0.0
949	5	89.79	0.0	0.0	-5.05	0.0	3.11	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	3.11	-2.53	0.0	0.0	0.0	0.0
950	1	116.73	0.0	0.0	-6.57	0.0	-1.78e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-1.78e-03	-3.29	0.0	0.0	0.0	0.0
950	2	89.79	0.0	0.0	-5.05	0.0	-3.55e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.55e-03	-2.53	0.0	0.0	0.0	0.0
950	3	89.79	0.0	0.0	-5.05	0.0	-3.57e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.57e-03	-2.53	0.0	0.0	0.0	0.0
950	4	89.79	0.0	0.0	-5.05	0.0	-3.54e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.54e-03	-2.53	0.0	0.0	0.0	0.0
950	5	89.79	0.0	0.0	-5.05	0.0	-3.54e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.54e-03	-2.53	0.0	0.0	0.0	0.0
951	1	116.73	0.0	0.0	-6.57	0.0	28.45	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	28.45	-3.29	0.0	0.0	0.0	0.0
951	2	89.79	0.0	0.0	-5.05	0.0	22.68	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	22.68	-2.53	0.0	0.0	0.0	0.0
951	3	89.79	0.0	0.0	-5.05	0.0	21.54	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	21.54	-2.53	0.0	0.0	0.0	0.0
951	4	89.79	0.0	0.0	-5.05	0.0	19.24	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	19.24	-2.53	0.0	0.0	0.0	0.0
951	5	89.79	0.0	0.0	-5.05	0.0	19.24	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	19.24	-2.53	0.0	0.0	0.0	0.0
952	1	116.73	0.0	0.0	-6.57	0.0	18.42	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	18.42	-3.29	0.0	0.0	0.0	0.0
952	2	89.79	0.0	0.0	-5.05	0.0	14.75	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	14.75	-2.53	0.0	0.0	0.0	0.0
952	3	89.79	0.0	0.0	-5.05	0.0	13.92	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	13.92	-2.53	0.0	0.0	0.0	0.0
952	4	89.79	0.0	0.0	-5.05	0.0	12.22	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	12.22	-2.53	0.0	0.0	0.0	0.0
952	5	89.79	0.0	0.0	-5.05	0.0	12.22	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	12.22	-2.53	0.0	0.0	0.0	0.0
953	1	116.73	0.0	0.0	-6.57	0.0	4.00	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	4.00	-3.29	0.0	0.0	0.0	0.0
953	2	89.79	0.0	0.0	-5.05	0.0	3.19	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	3.19	-2.53	0.0	0.0	0.0	0.0
953	3	89.79	0.0	0.0	-5.05	0.0	3.02	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	3.02	-2.53	0.0	0.0	0.0	0.0
953	4	89.79	0.0	0.0	-5.05	0.0	2.69	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.69	-2.53	0.0	0.0	0.0	0.0
953	5	89.79	0.0	0.0	-5.05	0.0	2.69	2.53	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	142.1	2.69	-2.53	0.0	0.0	0.0	0.0
954	1	116.73	0.0	0.0	-6.57	0.0	52.34	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	52.34	-3.29	0.0	0.0	0.0	0.0
954	2	89.79	0.0	0.0	-5.05	0.0	42.03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	42.03	-2.53	0.0	0.0	0.0	0.0
954	3	89.79	0.0	0.0	-5.05	0.0	39.49	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	39.49	-2.53	0.0	0.0	0.0	0.0
954	4	89.79	0.0	0.0	-5.05	0.0	34.39	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	34.39	-2.53	0.0	0.0	0.0	0.0
954	5	89.79	0.0	0.0	-5.05	0.0	34.39	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	34.39	-2.53	0.0	0.0	0.0	0.0
955	1	116.73	0.0	0.0	-6.57	0.0	-3.48e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.48e-03	-3.29	0.0	0.0	0.0	0.0
955	2	89.79	0.0	0.0	-5.05	0.0	-3.43e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.43e-03	-2.53	0.0	0.0	0.0	0.0
955	3	89.79	0.0	0.0	-5.05	0.0	-3.45e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.45e-03	-2.53	0.0	0.0	0.0	0.0
955	4	89.79	0.0	0.0	-5.05	0.0	-3.41e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.41e-03	-2.53	0.0	0.0	0.0	0.0
955	5	89.79	0.0	0.0	-5.05	0.0	-3.41e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.41e-03	-2.53	0.0	0.0	0.0	0.0
956	1	116.73	0.0	0.0	-6.57	0.0	1.80	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.80	-3.29	0.0	0.0	0.0	0.0
956	2	89.79	0.0	0.0	-5.05	0.0	1.43	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.43	-2.53	0.0	0.0	0.0	0.0
956	3	89.79	0.0	0.0	-5.05	0.0	1.36	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.36	-2.53	0.0	0.0	0.0	0.0
956	4	89.79	0.0	0.0	-5.05	0.0	1.22	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.22	-2.53	0.0	0.0	0.0	0.0
956	5	89.79	0.0	0.0	-5.05	0.0	1.22	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.22	-2.53	0.0	0.0	0.0	0.0
957	1	116.73	0.0	0.0	-6.57	0.0	20.16	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	20.16	-3.29	0.0	0.0	0.0	0.0
957	2	89.79	0.0	0.0	-5.05	0.0	16.20	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	16.20	-2.53	0.0	0.0	0.0	0.0
957	3	89.79	0.0	0.0	-5.05	0.0	15.22	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	15.22	-2.53	0.0	0.0	0.0	0.0
957	4	89.79	0.0	0.0	-5.05	0.0	13.25	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	13.25	-2.53	0.0	0.0	0.0	0.0
957	5	89.79	0.0	0.0	-5.05	0.0	13.25	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	13.25	-2.53	0.0	0.0	0.0	0.0
958	1	116.73	0.0	0.0	-6.57	0.0	-3.70e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.70e-03	-3.29	0.0	0.0	0.0	0.0
958	2	89.79	0.0	0.0	-5.05	0.0	-3.56e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.56e-03	-2.53	0.0	0.0	0.0	0.0
958	3	89.79	0.0	0.0	-5.05	0.0	-3.58e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.58e-03	-2.53	0.0	0.0	0.0	0.0
958	4	89.79	0.0	0.0	-5.05	0.0	-3.70e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.70e-03	-2.53	0.0	0.0	0.0	0.0
958	5	89.79	0.0	0.0	-5.05	0.0	-3.70e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.70e-03	-2.53	0.0	0.0	0.0	0.0
959	1	116.73	0.0	0.0	-6.57	0.0	13.32	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	13.32	-3.29	0.0	0.0	0.0	0.0
959	2	89.79	0.0	0.0	-5.05	0.0	10.69	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	10.69	-2.53	0.0	0.0	0.0	0.0
959	3	89.79	0.0	0.0	-5.05	0.0	10.05	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	10.05	-2.53	0.0	0.0	0.0	0.0
959	4	89.79	0.0	0.0	-5.05	0.0	8.76	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	8.76	-2.53	0.0	0.0	0.0	0.0
959	5	89.79	0.0	0.0	-5.05	0.0	8.76	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	8.76	-2.53	0.0	0.0	0.0	0.0
960	1	116.73	0.0	0.0	-6.57	0.0	-3.54e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.54e-03	-3.29	0.0	0.0	0.0	0.0
960	2	89.79	0.0	0.0	-5.05	0.0	-3.51e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.51e-03	-2.53	0.0	0.0	0.0	0.0
960	3	89.79	0.0	0.0	-5.05	0.0	-3.53e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.53e-03	-2.53	0.0	0.0	0.0	0.0
960	4	89.79	0.0	0.0	-5.05	0.0	-3.72e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.72e-03	-2.53	0.0	0.0	0.0	0.0
960	5	89.79	0.0	0.0	-5.05	0.0	-3.72e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.72e-03	-2.53	0.0	0.0	0.0	0.0
961	1	116.73	0.0	0.0	-6.57	0.0	14.29	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	14.29	-3.29	0.0	0.0	0.0	0.0
961	2	89.79	0.0	0.0	-5.05	0.0	11.57	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	11.57	-2.53	0.0	0.0	0.0	0.0
961	3	89.79	0.0	0.0	-5.05	0.0	10.76	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	10.76	-2.53	0.0	0.0	0.0	0.0

961	4	89.79	0.0	0.0	-5.05	0.0	9.12	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	9.12	-2.53	0.0	0.0	0.0	0.0
961	5	89.79	0.0	0.0	-5.05	0.0	9.12	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	9.12	-2.53	0.0	0.0	0.0	0.0
962	1	116.73	0.0	0.0	-6.57	0.0	-3.43e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.43e-03	-3.29	0.0	0.0	0.0	0.0
962	2	89.79	0.0	0.0	-5.05	0.0	-3.22e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.22e-03	-2.53	0.0	0.0	0.0	0.0
962	3	89.79	0.0	0.0	-5.05	0.0	-3.26e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.26e-03	-2.53	0.0	0.0	0.0	0.0
962	4	89.79	0.0	0.0	-5.05	0.0	-3.21e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.21e-03	-2.53	0.0	0.0	0.0	0.0
962	5	89.79	0.0	0.0	-5.05	0.0	-3.21e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.21e-03	-2.53	0.0	0.0	0.0	0.0
963	1	116.73	0.0	0.0	-6.57	0.0	13.02	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	13.02	-3.29	0.0	0.0	0.0	0.0
963	2	89.79	0.0	0.0	-5.05	0.0	10.20	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	10.20	-2.53	0.0	0.0	0.0	0.0
963	3	89.79	0.0	0.0	-5.05	0.0	9.91	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	9.91	-2.53	0.0	0.0	0.0	0.0
963	4	89.79	0.0	0.0	-5.05	0.0	9.28	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	9.28	-2.53	0.0	0.0	0.0	0.0
963	5	89.79	0.0	0.0	-5.05	0.0	9.28	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	9.28	-2.53	0.0	0.0	0.0	0.0
964	1	116.73	0.0	0.0	-6.57	0.0	-3.66e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.66e-03	-3.29	0.0	0.0	0.0	0.0
964	2	89.79	0.0	0.0	-5.05	0.0	-3.44e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.44e-03	-2.53	0.0	0.0	0.0	0.0
964	3	89.79	0.0	0.0	-5.05	0.0	-3.47e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.47e-03	-2.53	0.0	0.0	0.0	0.0
964	4	89.79	0.0	0.0	-5.05	0.0	-3.42e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.42e-03	-2.53	0.0	0.0	0.0	0.0
964	5	89.79	0.0	0.0	-5.05	0.0	-3.42e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.42e-03	-2.53	0.0	0.0	0.0	0.0
965	1	116.73	0.0	0.0	-6.57	0.0	23.72	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	23.72	-3.29	0.0	0.0	0.0	0.0
965	2	89.79	0.0	0.0	-5.05	0.0	19.07	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	19.07	-2.53	0.0	0.0	0.0	0.0
965	3	89.79	0.0	0.0	-5.05	0.0	17.90	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	17.90	-2.53	0.0	0.0	0.0	0.0
965	4	89.79	0.0	0.0	-5.05	0.0	15.48	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	15.48	-2.53	0.0	0.0	0.0	0.0
965	5	89.79	0.0	0.0	-5.05	0.0	15.48	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	15.48	-2.53	0.0	0.0	0.0	0.0
966	1	116.73	0.0	0.0	-6.57	0.0	-3.61e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.61e-03	-3.29	0.0	0.0	0.0	0.0
966	2	89.79	0.0	0.0	-5.05	0.0	-3.49e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.49e-03	-2.53	0.0	0.0	0.0	0.0
966	3	89.79	0.0	0.0	-5.05	0.0	-3.30e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.30e-03	-2.53	0.0	0.0	0.0	0.0
966	4	89.79	0.0	0.0	-5.05	0.0	-3.65e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.65e-03	-2.53	0.0	0.0	0.0	0.0
966	5	89.79	0.0	0.0	-5.05	0.0	-3.65e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.65e-03	-2.53	0.0	0.0	0.0	0.0
967	1	116.73	0.0	0.0	-6.57	0.0	22.22	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	22.22	-3.29	0.0	0.0	0.0	0.0
967	2	89.79	0.0	0.0	-5.05	0.0	17.94	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	17.94	-2.53	0.0	0.0	0.0	0.0
967	3	89.79	0.0	0.0	-5.05	0.0	16.74	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	16.74	-2.53	0.0	0.0	0.0	0.0
967	4	89.79	0.0	0.0	-5.05	0.0	14.31	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	14.31	-2.53	0.0	0.0	0.0	0.0
967	5	89.79	0.0	0.0	-5.05	0.0	14.31	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	14.31	-2.53	0.0	0.0	0.0	0.0
968	1	116.73	0.0	0.0	-6.57	0.0	-3.30e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.30e-03	-3.29	0.0	0.0	0.0	0.0
968	2	89.79	0.0	0.0	-5.05	0.0	-3.24e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.24e-03	-2.53	0.0	0.0	0.0	0.0
968	3	89.79	0.0	0.0	-5.05	0.0	-2.97e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-2.97e-03	-2.53	0.0	0.0	0.0	0.0
968	4	89.79	0.0	0.0	-5.05	0.0	-3.66e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.66e-03	-2.53	0.0	0.0	0.0	0.0
968	5	89.79	0.0	0.0	-5.05	0.0	-3.66e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.66e-03	-2.53	0.0	0.0	0.0	0.0
969	1	116.73	0.0	0.0	-6.57	0.0	11.64	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	11.64	-3.29	0.0	0.0	0.0	0.0
969	2	89.79	0.0	0.0	-5.05	0.0	9.36	2.53	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	142.1	9.36	-2.53	0.0	0.0	0.0	0.0
969	3	89.79	0.0	0.0	-5.05	0.0	8.78	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	8.78	-2.53	0.0	0.0	0.0	0.0
969	4	89.79	0.0	0.0	-5.05	0.0	7.76	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	7.76	-2.53	0.0	0.0	0.0	0.0
969	5	89.79	0.0	0.0	-5.05	0.0	7.76	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	7.76	-2.53	0.0	0.0	0.0	0.0
970	1	116.73	0.0	0.0	-6.57	0.0	-1.89e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-1.89e-03	-3.29	0.0	0.0	0.0	0.0
970	2	89.79	0.0	0.0	-5.05	0.0	-3.61e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.61e-03	-2.53	0.0	0.0	0.0	0.0
970	3	89.79	0.0	0.0	-5.05	0.0	-3.69e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.69e-03	-2.53	0.0	0.0	0.0	0.0
970	4	89.79	0.0	0.0	-5.05	0.0	-3.80e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.80e-03	-2.53	0.0	0.0	0.0	0.0
970	5	89.79	0.0	0.0	-5.05	0.0	-3.80e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.80e-03	-2.53	0.0	0.0	0.0	0.0
971	1	116.73	0.0	0.0	-6.57	0.0	12.36	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	12.36	-3.29	0.0	0.0	0.0	0.0
971	2	89.79	0.0	0.0	-5.05	0.0	9.89	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	9.89	-2.53	0.0	0.0	0.0	0.0
971	3	89.79	0.0	0.0	-5.05	0.0	9.31	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	9.31	-2.53	0.0	0.0	0.0	0.0
971	4	89.79	0.0	0.0	-5.05	0.0	8.12	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	8.12	-2.53	0.0	0.0	0.0	0.0
971	5	89.79	0.0	0.0	-5.05	0.0	8.12	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	8.12	-2.53	0.0	0.0	0.0	0.0
972	1	116.73	0.0	0.0	-6.57	0.0	-1.55e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-1.55e-03	-3.29	0.0	0.0	0.0	0.0
972	2	89.79	0.0	0.0	-5.05	0.0	-3.68e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.68e-03	-2.53	0.0	0.0	0.0	0.0
972	3	89.79	0.0	0.0	-5.05	0.0	-1.46e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-1.46e-03	-2.53	0.0	0.0	0.0	0.0
972	4	89.79	0.0	0.0	-5.05	0.0	-3.76e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.76e-03	-2.53	0.0	0.0	0.0	0.0
972	5	89.79	0.0	0.0	-5.05	0.0	-3.76e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.76e-03	-2.53	0.0	0.0	0.0	0.0
973	1	116.73	0.0	0.0	-6.57	0.0	7.62	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	7.62	-3.29	0.0	0.0	0.0	0.0
973	2	89.79	0.0	0.0	-5.05	0.0	6.11	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	6.11	-2.53	0.0	0.0	0.0	0.0
973	3	89.79	0.0	0.0	-5.05	0.0	5.73	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	5.73	-2.53	0.0	0.0	0.0	0.0
973	4	89.79	0.0	0.0	-5.05	0.0	4.93	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	4.93	-2.53	0.0	0.0	0.0	0.0
973	5	89.79	0.0	0.0	-5.05	0.0	4.93	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	4.93	-2.53	0.0	0.0	0.0	0.0
974	1	116.73	0.0	0.0	-6.57	0.0	-1.37e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-1.37e-03	-3.29	0.0	0.0	0.0	0.0
974	2	89.79	0.0	0.0	-5.05	0.0	-3.61e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.61e-03	-2.53	0.0	0.0	0.0	0.0
974	3	89.79	0.0	0.0	-5.05	0.0	-3.62e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.62e-03	-2.53	0.0	0.0	0.0	0.0
974	4	89.79	0.0	0.0	-5.05	0.0	-3.74e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.74e-03	-2.53	0.0	0.0	0.0	0.0
974	5	89.79	0.0	0.0	-5.05	0.0	-3.74e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.74e-03	-2.53	0.0	0.0	0.0	0.0
975	1	116.73	0.0	0.0	-6.57	0.0	2.37	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.37	-3.29	0.0	0.0	0.0	0.0
975	2	89.79	0.0	0.0	-5.05	0.0	2.01	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.01	-2.53	0.0	0.0	0.0	0.0
975	3	89.79	0.0	0.0	-5.05	0.0	1.72	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.72	-2.53	0.0	0.0	0.0	0.0
975	4	89.79	0.0	0.0	-5.05	0.0	1.13	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.13	-2.53	0.0	0.0	0.0	0.0
975	5	89.79	0.0	0.0	-5.05	0.0	1.13	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.13	-2.53	0.0	0.0	0.0	0.0
976	1	116.73	0.0	0.0	-6.57	0.0	-3.46e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.46e-03	-3.29	0.0	0.0	0.0	0.0
976	2	89.79	0.0	0.0	-5.05	0.0	-3.79e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.79e-03	-2.53	0.0	0.0	0.0	0.0
976	3	89.79	0.0	0.0	-5.05	0.0	-1.31e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-1.31e-03	-2.53	0.0	0.0	0.0	0.0
976	4	89.79	0.0	0.0	-5.05	0.0	-3.66e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.66e-03	-2.53	0.0	0.0	0.0	0.0
976	5	89.79	0.0	0.0	-5.05	0.0	-3.66e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.66e-03	-2.53	0.0	0.0	0.0	0.0

977	1	116.73	0.0	0.0	-6.57	0.0	47.56	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	47.56	-3.29	0.0	0.0	0.0	0.0
977	2	89.79	0.0	0.0	-5.05	0.0	38.20	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	38.20	-2.53	0.0	0.0	0.0	0.0
977	3	89.79	0.0	0.0	-5.05	0.0	35.88	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	35.88	-2.53	0.0	0.0	0.0	0.0
977	4	89.79	0.0	0.0	-5.05	0.0	31.18	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	31.18	-2.53	0.0	0.0	0.0	0.0
977	5	89.79	0.0	0.0	-5.05	0.0	31.18	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	31.18	-2.53	0.0	0.0	0.0	0.0
978	1	116.73	0.0	0.0	-6.57	0.0	-3.42e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.42e-03	-3.29	0.0	0.0	0.0	0.0
978	2	89.79	0.0	0.0	-5.05	0.0	-3.38e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.38e-03	-2.53	0.0	0.0	0.0	0.0
978	3	89.79	0.0	0.0	-5.05	0.0	-3.51e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.51e-03	-2.53	0.0	0.0	0.0	0.0
978	4	89.79	0.0	0.0	-5.05	0.0	-3.43e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.43e-03	-2.53	0.0	0.0	0.0	0.0
978	5	89.79	0.0	0.0	-5.05	0.0	-3.43e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.43e-03	-2.53	0.0	0.0	0.0	0.0
979	1	116.73	0.0	0.0	-6.57	0.0	33.45	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	33.45	-3.29	0.0	0.0	0.0	0.0
979	2	89.79	0.0	0.0	-5.05	0.0	27.03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	27.03	-2.53	0.0	0.0	0.0	0.0
979	3	89.79	0.0	0.0	-5.05	0.0	25.15	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	25.15	-2.53	0.0	0.0	0.0	0.0
979	4	89.79	0.0	0.0	-5.05	0.0	21.37	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	21.37	-2.53	0.0	0.0	0.0	0.0
979	5	89.79	0.0	0.0	-5.05	0.0	21.37	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	21.37	-2.53	0.0	0.0	0.0	0.0
980	1	116.73	0.0	0.0	-6.57	0.0	16.50	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	16.50	-3.29	0.0	0.0	0.0	0.0
980	2	89.79	0.0	0.0	-5.05	0.0	13.34	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	13.34	-2.53	0.0	0.0	0.0	0.0
980	3	89.79	0.0	0.0	-5.05	0.0	12.42	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	12.42	-2.53	0.0	0.0	0.0	0.0
980	4	89.79	0.0	0.0	-5.05	0.0	10.56	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	10.56	-2.53	0.0	0.0	0.0	0.0
980	5	89.79	0.0	0.0	-5.05	0.0	10.56	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	10.56	-2.53	0.0	0.0	0.0	0.0
981	1	116.73	0.0	0.0	-6.57	0.0	1.07	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.07	-3.29	0.0	0.0	0.0	0.0
981	2	89.79	0.0	0.0	-5.05	0.0	0.86	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.86	-2.53	0.0	0.0	0.0	0.0
981	3	89.79	0.0	0.0	-5.05	0.0	0.81	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.81	-2.53	0.0	0.0	0.0	0.0
981	4	89.79	0.0	0.0	-5.05	0.0	0.70	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.70	-2.53	0.0	0.0	0.0	0.0
981	5	89.79	0.0	0.0	-5.05	0.0	0.70	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.70	-2.53	0.0	0.0	0.0	0.0
982	1	116.73	0.0	0.0	-6.57	0.0	2.99	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.99	-3.29	0.0	0.0	0.0	0.0
982	2	89.79	0.0	0.0	-5.05	0.0	2.44	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.44	-2.53	0.0	0.0	0.0	0.0
982	3	89.79	0.0	0.0	-5.05	0.0	2.28	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.28	-2.53	0.0	0.0	0.0	0.0
982	4	89.79	0.0	0.0	-5.05	0.0	1.90	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.90	-2.53	0.0	0.0	0.0	0.0
982	5	89.79	0.0	0.0	-5.05	0.0	1.90	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.90	-2.53	0.0	0.0	0.0	0.0
983	1	116.73	0.0	0.0	-6.57	0.0	1.33	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.33	-3.29	0.0	0.0	0.0	0.0
983	2	89.79	0.0	0.0	-5.05	0.0	1.05	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.05	-2.53	0.0	0.0	0.0	0.0
983	3	89.79	0.0	0.0	-5.05	0.0	0.97	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.97	-2.53	0.0	0.0	0.0	0.0
983	4	89.79	0.0	0.0	-5.05	0.0	0.88	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.88	-2.53	0.0	0.0	0.0	0.0
983	5	89.79	0.0	0.0	-5.05	0.0	0.88	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.88	-2.53	0.0	0.0	0.0	0.0
984	1	116.73	0.0	0.0	-6.57	0.0	0.10	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.10	-3.29	0.0	0.0	0.0	0.0
984	2	89.79	0.0	0.0	-5.05	0.0	0.08	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.08	-2.53	0.0	0.0	0.0	0.0
984	3	89.79	0.0	0.0	-5.05	0.0	0.07	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.07	-2.53	0.0	0.0	0.0	0.0
984	4	89.79	0.0	0.0	-5.05	0.0	0.07	2.53	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	142.1	0.07	-2.53	0.0	0.0	0.0	0.0
984	5	89.79	0.0	0.0	-5.05	0.0	0.07	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.07	-2.53	0.0	0.0	0.0	0.0
985	1	116.73	0.0	0.0	-6.57	0.0	5.23	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	5.23	-3.29	0.0	0.0	0.0	0.0
985	2	89.79	0.0	0.0	-5.05	0.0	4.22	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	4.22	-2.53	0.0	0.0	0.0	0.0
985	3	89.79	0.0	0.0	-5.05	0.0	3.95	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	3.95	-2.53	0.0	0.0	0.0	0.0
985	4	89.79	0.0	0.0	-5.05	0.0	3.38	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	3.38	-2.53	0.0	0.0	0.0	0.0
985	5	89.79	0.0	0.0	-5.05	0.0	3.38	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	3.38	-2.53	0.0	0.0	0.0	0.0
986	1	116.73	0.0	0.0	-6.57	0.0	0.73	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.73	-3.29	0.0	0.0	0.0	0.0
986	2	89.79	0.0	0.0	-5.05	0.0	0.60	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.60	-2.53	0.0	0.0	0.0	0.0
986	3	89.79	0.0	0.0	-5.05	0.0	0.60	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.60	-2.53	0.0	0.0	0.0	0.0
986	4	89.79	0.0	0.0	-5.05	0.0	0.49	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.49	-2.53	0.0	0.0	0.0	0.0
986	5	89.79	0.0	0.0	-5.05	0.0	0.49	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.49	-2.53	0.0	0.0	0.0	0.0
987	1	116.73	0.0	0.0	-6.57	0.0	1.37	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.37	-3.29	0.0	0.0	0.0	0.0
987	2	89.79	0.0	0.0	-5.05	0.0	1.13	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.13	-2.53	0.0	0.0	0.0	0.0
987	3	89.79	0.0	0.0	-5.05	0.0	1.09	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.09	-2.53	0.0	0.0	0.0	0.0
987	4	89.79	0.0	0.0	-5.05	0.0	0.94	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.94	-2.53	0.0	0.0	0.0	0.0
987	5	89.79	0.0	0.0	-5.05	0.0	0.94	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.94	-2.53	0.0	0.0	0.0	0.0
988	1	116.73	0.0	0.0	-6.57	0.0	1.23	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.23	-3.29	0.0	0.0	0.0	0.0
988	2	89.79	0.0	0.0	-5.05	0.0	1.01	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.01	-2.53	0.0	0.0	0.0	0.0
988	3	89.79	0.0	0.0	-5.05	0.0	0.93	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.93	-2.53	0.0	0.0	0.0	0.0
988	4	89.79	0.0	0.0	-5.05	0.0	0.82	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.82	-2.53	0.0	0.0	0.0	0.0
988	5	89.79	0.0	0.0	-5.05	0.0	0.82	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.82	-2.53	0.0	0.0	0.0	0.0
989	1	116.73	0.0	0.0	-6.57	0.0	0.93	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.93	-3.29	0.0	0.0	0.0	0.0
989	2	89.79	0.0	0.0	-5.05	0.0	0.73	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.73	-2.53	0.0	0.0	0.0	0.0
989	3	89.79	0.0	0.0	-5.05	0.0	0.68	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.68	-2.53	0.0	0.0	0.0	0.0
989	4	89.79	0.0	0.0	-5.05	0.0	0.64	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.64	-2.53	0.0	0.0	0.0	0.0
989	5	89.79	0.0	0.0	-5.05	0.0	0.64	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.64	-2.53	0.0	0.0	0.0	0.0
990	1	116.73	0.0	0.0	-6.57	0.0	4.44	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	4.44	-3.29	0.0	0.0	0.0	0.0
990	2	89.79	0.0	0.0	-5.05	0.0	3.58	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	3.58	-2.53	0.0	0.0	0.0	0.0
990	3	89.79	0.0	0.0	-5.05	0.0	3.37	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	3.37	-2.53	0.0	0.0	0.0	0.0
990	4	89.79	0.0	0.0	-5.05	0.0	2.90	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.90	-2.53	0.0	0.0	0.0	0.0
990	5	89.79	0.0	0.0	-5.05	0.0	2.90	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.90	-2.53	0.0	0.0	0.0	0.0
991	1	116.73	0.0	0.0	-6.57	0.0	0.38	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.38	-3.29	0.0	0.0	0.0	0.0
991	2	89.79	0.0	0.0	-5.05	0.0	0.29	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.29	-2.53	0.0	0.0	0.0	0.0
991	3	89.79	0.0	0.0	-5.05	0.0	0.26	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.26	-2.53	0.0	0.0	0.0	0.0
991	4	89.79	0.0	0.0	-5.05	0.0	0.24	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.24	-2.53	0.0	0.0	0.0	0.0
991	5	89.79	0.0	0.0	-5.05	0.0	0.24	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.24	-2.53	0.0	0.0	0.0	0.0
992	1	116.73	0.0	0.0	-6.57	0.0	7.19	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	7.19	-3.29	0.0	0.0	0.0	0.0
992	2	89.79	0.0	0.0	-5.05	0.0	5.80	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	5.80	-2.53	0.0	0.0	0.0	0.0

992	3	89.79	0.0	0.0	-5.05	0.0	5.43	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	5.43	-2.53	0.0	0.0	0.0	0.0
992	4	89.79	0.0	0.0	-5.05	0.0	4.60	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	4.60	-2.53	0.0	0.0	0.0	0.0
992	5	89.79	0.0	0.0	-5.05	0.0	4.60	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	4.60	-2.53	0.0	0.0	0.0	0.0
993	1	116.73	0.0	0.0	-6.57	0.0	0.25	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.25	-3.29	0.0	0.0	0.0	0.0
993	2	89.79	0.0	0.0	-5.05	0.0	0.20	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.20	-2.53	0.0	0.0	0.0	0.0
993	3	89.79	0.0	0.0	-5.05	0.0	0.17	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.17	-2.53	0.0	0.0	0.0	0.0
993	4	89.79	0.0	0.0	-5.05	0.0	0.13	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.13	-2.53	0.0	0.0	0.0	0.0
993	5	89.79	0.0	0.0	-5.05	0.0	0.13	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.13	-2.53	0.0	0.0	0.0	0.0
994	1	116.73	0.0	0.0	-6.57	0.0	6.05	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	6.05	-3.29	0.0	0.0	0.0	0.0
994	2	89.79	0.0	0.0	-5.05	0.0	4.88	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	4.88	-2.53	0.0	0.0	0.0	0.0
994	3	89.79	0.0	0.0	-5.05	0.0	4.57	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	4.57	-2.53	0.0	0.0	0.0	0.0
994	4	89.79	0.0	0.0	-5.05	0.0	3.85	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	3.85	-2.53	0.0	0.0	0.0	0.0
994	5	89.79	0.0	0.0	-5.05	0.0	3.85	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	3.85	-2.53	0.0	0.0	0.0	0.0
995	1	116.73	0.0	0.0	-6.57	0.0	0.10	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.10	-3.29	0.0	0.0	0.0	0.0
995	2	89.79	0.0	0.0	-5.05	0.0	0.08	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.08	-2.53	0.0	0.0	0.0	0.0
995	3	89.79	0.0	0.0	-5.05	0.0	0.07	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.07	-2.53	0.0	0.0	0.0	0.0
995	4	89.79	0.0	0.0	-5.05	0.0	0.06	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.06	-2.53	0.0	0.0	0.0	0.0
995	5	89.79	0.0	0.0	-5.05	0.0	0.06	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.06	-2.53	0.0	0.0	0.0	0.0
996	1	116.73	0.0	0.0	-6.57	0.0	3.40	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	3.40	-3.29	0.0	0.0	0.0	0.0
996	2	89.79	0.0	0.0	-5.05	0.0	2.74	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.74	-2.53	0.0	0.0	0.0	0.0
996	3	89.79	0.0	0.0	-5.05	0.0	2.58	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.58	-2.53	0.0	0.0	0.0	0.0
996	4	89.79	0.0	0.0	-5.05	0.0	2.20	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.20	-2.53	0.0	0.0	0.0	0.0
996	5	89.79	0.0	0.0	-5.05	0.0	2.20	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.20	-2.53	0.0	0.0	0.0	0.0
997	1	116.73	0.0	0.0	-6.57	0.0	0.11	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.11	-3.29	0.0	0.0	0.0	0.0
997	2	89.79	0.0	0.0	-5.05	0.0	0.09	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.09	-2.53	0.0	0.0	0.0	0.0
997	3	89.79	0.0	0.0	-5.05	0.0	0.08	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.08	-2.53	0.0	0.0	0.0	0.0
997	4	89.79	0.0	0.0	-5.05	0.0	0.06	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.06	-2.53	0.0	0.0	0.0	0.0
997	5	89.79	0.0	0.0	-5.05	0.0	0.06	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.06	-2.53	0.0	0.0	0.0	0.0
998	1	116.73	0.0	0.0	-6.57	0.0	0.63	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.63	-3.29	0.0	0.0	0.0	0.0
998	2	89.79	0.0	0.0	-5.05	0.0	0.50	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.50	-2.53	0.0	0.0	0.0	0.0
998	3	89.79	0.0	0.0	-5.05	0.0	0.50	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.50	-2.53	0.0	0.0	0.0	0.0
998	4	89.79	0.0	0.0	-5.05	0.0	0.44	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.44	-2.53	0.0	0.0	0.0	0.0
998	5	89.79	0.0	0.0	-5.05	0.0	0.44	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.44	-2.53	0.0	0.0	0.0	0.0
999	1	116.73	0.0	0.0	-6.57	0.0	2.38	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.38	-3.29	0.0	0.0	0.0	0.0
999	2	89.79	0.0	0.0	-5.05	0.0	1.95	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.95	-2.53	0.0	0.0	0.0	0.0
999	3	89.79	0.0	0.0	-5.05	0.0	1.76	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.76	-2.53	0.0	0.0	0.0	0.0
999	4	89.79	0.0	0.0	-5.05	0.0	1.46	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.46	-2.53	0.0	0.0	0.0	0.0
999	5	89.79	0.0	0.0	-5.05	0.0	1.46	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.46	-2.53	0.0	0.0	0.0	0.0
1000	1	116.73	0.0	0.0	-6.57	0.0	0.10	3.29	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	142.1	0.10	-3.29	0.0	0.0	0.0	0.0
1000	2	89.79	0.0	0.0	-5.05	0.0	0.09	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.09	-2.53	0.0	0.0	0.0	0.0
1000	3	89.79	0.0	0.0	-5.05	0.0	0.08	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.08	-2.53	0.0	0.0	0.0	0.0
1000	4	89.79	0.0	0.0	-5.05	0.0	0.06	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.06	-2.53	0.0	0.0	0.0	0.0
1000	5	89.79	0.0	0.0	-5.05	0.0	0.06	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.06	-2.53	0.0	0.0	0.0	0.0
1001	1	116.73	0.0	0.0	-6.57	0.0	13.98	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	13.98	-3.29	0.0	0.0	0.0	0.0
1001	2	89.79	0.0	0.0	-5.05	0.0	11.30	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	11.30	-2.53	0.0	0.0	0.0	0.0
1001	3	89.79	0.0	0.0	-5.05	0.0	10.51	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	10.51	-2.53	0.0	0.0	0.0	0.0
1001	4	89.79	0.0	0.0	-5.05	0.0	8.92	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	8.92	-2.53	0.0	0.0	0.0	0.0
1001	5	89.79	0.0	0.0	-5.05	0.0	8.92	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	8.92	-2.53	0.0	0.0	0.0	0.0
1002	1	116.73	0.0	0.0	-6.57	0.0	35.01	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	35.01	-3.29	0.0	0.0	0.0	0.0
1002	2	89.79	0.0	0.0	-5.05	0.0	28.30	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	28.30	-2.53	0.0	0.0	0.0	0.0
1002	3	89.79	0.0	0.0	-5.05	0.0	26.33	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	26.33	-2.53	0.0	0.0	0.0	0.0
1002	4	89.79	0.0	0.0	-5.05	0.0	22.40	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	22.40	-2.53	0.0	0.0	0.0	0.0
1002	5	89.79	0.0	0.0	-5.05	0.0	22.40	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	22.40	-2.53	0.0	0.0	0.0	0.0
1003	1	116.73	0.0	0.0	-6.57	0.0	16.27	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	16.27	-3.29	0.0	0.0	0.0	0.0
1003	2	89.79	0.0	0.0	-5.05	0.0	13.15	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	13.15	-2.53	0.0	0.0	0.0	0.0
1003	3	89.79	0.0	0.0	-5.05	0.0	12.23	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	12.23	-2.53	0.0	0.0	0.0	0.0
1003	4	89.79	0.0	0.0	-5.05	0.0	10.38	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	10.38	-2.53	0.0	0.0	0.0	0.0
1003	5	89.79	0.0	0.0	-5.05	0.0	10.38	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	10.38	-2.53	0.0	0.0	0.0	0.0
1004	1	116.73	0.0	0.0	-6.57	0.0	33.18	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	33.18	-3.29	0.0	0.0	0.0	0.0
1004	2	89.79	0.0	0.0	-5.05	0.0	26.82	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	26.82	-2.53	0.0	0.0	0.0	0.0
1004	3	89.79	0.0	0.0	-5.05	0.0	24.94	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	24.94	-2.53	0.0	0.0	0.0	0.0
1004	4	89.79	0.0	0.0	-5.05	0.0	21.18	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	21.18	-2.53	0.0	0.0	0.0	0.0
1004	5	89.79	0.0	0.0	-5.05	0.0	21.18	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	21.18	-2.53	0.0	0.0	0.0	0.0
1005	1	116.73	0.0	0.0	-6.57	0.0	6.81	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	6.81	-3.29	0.0	0.0	0.0	0.0
1005	2	89.79	0.0	0.0	-5.05	0.0	5.48	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	5.48	-2.53	0.0	0.0	0.0	0.0
1005	3	89.79	0.0	0.0	-5.05	0.0	5.08	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	5.08	-2.53	0.0	0.0	0.0	0.0
1005	4	89.79	0.0	0.0	-5.05	0.0	4.33	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	4.33	-2.53	0.0	0.0	0.0	0.0
1005	5	89.79	0.0	0.0	-5.05	0.0	4.33	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	4.33	-2.53	0.0	0.0	0.0	0.0
1006	1	116.73	0.0	0.0	-6.57	0.0	0.97	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.97	-3.29	0.0	0.0	0.0	0.0
1006	2	89.79	0.0	0.0	-5.05	0.0	0.79	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.79	-2.53	0.0	0.0	0.0	0.0
1006	3	89.79	0.0	0.0	-5.05	0.0	0.73	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.73	-2.53	0.0	0.0	0.0	0.0
1006	4	89.79	0.0	0.0	-5.05	0.0	0.61	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.61	-2.53	0.0	0.0	0.0	0.0
1006	5	89.79	0.0	0.0	-5.05	0.0	0.61	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.61	-2.53	0.0	0.0	0.0	0.0
1007	1	116.73	0.0	0.0	-6.57	0.0	2.98	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.98	-3.29	0.0	0.0	0.0	0.0
1007	2	89.79	0.0	0.0	-5.05	0.0	2.39	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.39	-2.53	0.0	0.0	0.0	0.0
1007	3	89.79	0.0	0.0	-5.05	0.0	2.22	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.22	-2.53	0.0	0.0	0.0	0.0
1007	4	89.79	0.0	0.0	-5.05	0.0	1.90	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.90	-2.53	0.0	0.0	0.0	0.0

1007	5	89.79	0.0	0.0	-5.05	0.0	1.90	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.90	-2.53	0.0	0.0	0.0	0.0
1008	1	116.73	0.0	0.0	-6.57	0.0	0.10	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.10	-3.29	0.0	0.0	0.0	0.0
1008	2	89.79	0.0	0.0	-5.05	0.0	0.10	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.10	-2.53	0.0	0.0	0.0	0.0
1008	3	89.79	0.0	0.0	-5.05	0.0	0.09	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.09	-2.53	0.0	0.0	0.0	0.0
1008	4	89.79	0.0	0.0	-5.05	0.0	0.07	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.07	-2.53	0.0	0.0	0.0	0.0
1008	5	89.79	0.0	0.0	-5.05	0.0	0.07	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.07	-2.53	0.0	0.0	0.0	0.0
1009	1	116.73	0.0	0.0	-6.57	0.0	2.89	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.89	-3.29	0.0	0.0	0.0	0.0
1009	2	89.79	0.0	0.0	-5.05	0.0	2.32	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.32	-2.53	0.0	0.0	0.0	0.0
1009	3	89.79	0.0	0.0	-5.05	0.0	2.13	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.13	-2.53	0.0	0.0	0.0	0.0
1009	4	89.79	0.0	0.0	-5.05	0.0	1.83	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.83	-2.53	0.0	0.0	0.0	0.0
1009	5	89.79	0.0	0.0	-5.05	0.0	1.83	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.83	-2.53	0.0	0.0	0.0	0.0
1010	1	116.73	0.0	0.0	-6.57	0.0	3.07	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	3.07	-3.29	0.0	0.0	0.0	0.0
1010	2	89.79	0.0	0.0	-5.05	0.0	2.51	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.51	-2.53	0.0	0.0	0.0	0.0
1010	3	89.79	0.0	0.0	-5.05	0.0	2.31	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.31	-2.53	0.0	0.0	0.0	0.0
1010	4	89.79	0.0	0.0	-5.05	0.0	1.94	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.94	-2.53	0.0	0.0	0.0	0.0
1010	5	89.79	0.0	0.0	-5.05	0.0	1.94	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.94	-2.53	0.0	0.0	0.0	0.0
1011	1	116.73	0.0	0.0	-6.57	0.0	9.40	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	9.40	-3.29	0.0	0.0	0.0	0.0
1011	2	89.79	0.0	0.0	-5.05	0.0	7.62	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	7.62	-2.53	0.0	0.0	0.0	0.0
1011	3	89.79	0.0	0.0	-5.05	0.0	7.12	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	7.12	-2.53	0.0	0.0	0.0	0.0
1011	4	89.79	0.0	0.0	-5.05	0.0	6.01	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	6.01	-2.53	0.0	0.0	0.0	0.0
1011	5	89.79	0.0	0.0	-5.05	0.0	6.01	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	6.01	-2.53	0.0	0.0	0.0	0.0
1012	1	116.73	0.0	0.0	-6.57	0.0	0.12	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.12	-3.29	0.0	0.0	0.0	0.0
1012	2	89.79	0.0	0.0	-5.05	0.0	0.10	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.10	-2.53	0.0	0.0	0.0	0.0
1012	3	89.79	0.0	0.0	-5.05	0.0	0.09	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.09	-2.53	0.0	0.0	0.0	0.0
1012	4	89.79	0.0	0.0	-5.05	0.0	0.09	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.09	-2.53	0.0	0.0	0.0	0.0
1012	5	89.79	0.0	0.0	-5.05	0.0	0.09	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.09	-2.53	0.0	0.0	0.0	0.0
1013	1	116.73	0.0	0.0	-6.57	0.0	6.36	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	6.36	-3.29	0.0	0.0	0.0	0.0
1013	2	89.79	0.0	0.0	-5.05	0.0	5.15	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	5.15	-2.53	0.0	0.0	0.0	0.0
1013	3	89.79	0.0	0.0	-5.05	0.0	4.83	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	4.83	-2.53	0.0	0.0	0.0	0.0
1013	4	89.79	0.0	0.0	-5.05	0.0	4.07	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	4.07	-2.53	0.0	0.0	0.0	0.0
1013	5	89.79	0.0	0.0	-5.05	0.0	4.07	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	4.07	-2.53	0.0	0.0	0.0	0.0
1014	1	116.73	0.0	0.0	-6.57	0.0	0.18	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.18	-3.29	0.0	0.0	0.0	0.0
1014	2	89.79	0.0	0.0	-5.05	0.0	0.14	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.14	-2.53	0.0	0.0	0.0	0.0
1014	3	89.79	0.0	0.0	-5.05	0.0	0.13	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.13	-2.53	0.0	0.0	0.0	0.0
1014	4	89.79	0.0	0.0	-5.05	0.0	0.12	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.12	-2.53	0.0	0.0	0.0	0.0
1014	5	89.79	0.0	0.0	-5.05	0.0	0.12	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.12	-2.53	0.0	0.0	0.0	0.0
1015	1	116.73	0.0	0.0	-6.57	0.0	3.35	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	3.35	-3.29	0.0	0.0	0.0	0.0
1015	2	89.79	0.0	0.0	-5.05	0.0	2.71	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.71	-2.53	0.0	0.0	0.0	0.0
1015	3	89.79	0.0	0.0	-5.05	0.0	2.57	2.53	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	142.1	2.57	-2.53	0.0	0.0	0.0	0.0
1015	4	89.79	0.0	0.0	-5.05	0.0	2.17	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.17	-2.53	0.0	0.0	0.0	0.0
1015	5	89.79	0.0	0.0	-5.05	0.0	2.17	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.17	-2.53	0.0	0.0	0.0	0.0
1016	1	116.73	0.0	0.0	-6.57	0.0	0.30	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.30	-3.29	0.0	0.0	0.0	0.0
1016	2	89.79	0.0	0.0	-5.05	0.0	0.23	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.23	-2.53	0.0	0.0	0.0	0.0
1016	3	89.79	0.0	0.0	-5.05	0.0	0.23	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.23	-2.53	0.0	0.0	0.0	0.0
1016	4	89.79	0.0	0.0	-5.05	0.0	0.21	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.21	-2.53	0.0	0.0	0.0	0.0
1016	5	89.79	0.0	0.0	-5.05	0.0	0.21	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.21	-2.53	0.0	0.0	0.0	0.0
1017	1	116.73	0.0	0.0	-6.57	0.0	3.08	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	3.08	-3.29	0.0	0.0	0.0	0.0
1017	2	89.79	0.0	0.0	-5.05	0.0	2.52	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.52	-2.53	0.0	0.0	0.0	0.0
1017	3	89.79	0.0	0.0	-5.05	0.0	2.27	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.27	-2.53	0.0	0.0	0.0	0.0
1017	4	89.79	0.0	0.0	-5.05	0.0	1.90	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.90	-2.53	0.0	0.0	0.0	0.0
1017	5	89.79	0.0	0.0	-5.05	0.0	1.90	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.90	-2.53	0.0	0.0	0.0	0.0
1018	1	116.73	0.0	0.0	-6.57	0.0	-2.87e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-2.87e-03	-3.29	0.0	0.0	0.0	0.0
1018	2	89.79	0.0	0.0	-5.05	0.0	-2.90e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-2.90e-03	-2.53	0.0	0.0	0.0	0.0
1018	3	89.79	0.0	0.0	-5.05	0.0	-2.86e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-2.86e-03	-2.53	0.0	0.0	0.0	0.0
1018	4	89.79	0.0	0.0	-5.05	0.0	-2.92e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-2.92e-03	-2.53	0.0	0.0	0.0	0.0
1018	5	89.79	0.0	0.0	-5.05	0.0	-2.92e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-2.92e-03	-2.53	0.0	0.0	0.0	0.0
1019	1	116.73	0.0	0.0	-6.57	0.0	0.04	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.04	-3.29	0.0	0.0	0.0	0.0
1019	2	89.79	0.0	0.0	-5.05	0.0	0.03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.03	-2.53	0.0	0.0	0.0	0.0
1019	3	89.79	0.0	0.0	-5.05	0.0	0.03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.03	-2.53	0.0	0.0	0.0	0.0
1019	4	89.79	0.0	0.0	-5.05	0.0	0.02	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.02	-2.53	0.0	0.0	0.0	0.0
1019	5	89.79	0.0	0.0	-5.05	0.0	0.02	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.02	-2.53	0.0	0.0	0.0	0.0
1020	1	116.73	0.0	0.0	-6.57	0.0	0.45	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.45	-3.29	0.0	0.0	0.0	0.0
1020	2	89.79	0.0	0.0	-5.05	0.0	0.34	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.34	-2.53	0.0	0.0	0.0	0.0
1020	3	89.79	0.0	0.0	-5.05	0.0	0.38	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.38	-2.53	0.0	0.0	0.0	0.0
1020	4	89.79	0.0	0.0	-5.05	0.0	0.34	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.34	-2.53	0.0	0.0	0.0	0.0
1020	5	89.79	0.0	0.0	-5.05	0.0	0.34	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.34	-2.53	0.0	0.0	0.0	0.0
1021	1	116.73	0.0	0.0	-6.57	0.0	0.09	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.09	-3.29	0.0	0.0	0.0	0.0
1021	2	89.79	0.0	0.0	-5.05	0.0	0.07	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.07	-2.53	0.0	0.0	0.0	0.0
1021	3	89.79	0.0	0.0	-5.05	0.0	0.06	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.06	-2.53	0.0	0.0	0.0	0.0
1021	4	89.79	0.0	0.0	-5.05	0.0	0.04	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.04	-2.53	0.0	0.0	0.0	0.0
1021	5	89.79	0.0	0.0	-5.05	0.0	0.04	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.04	-2.53	0.0	0.0	0.0	0.0
1022	1	116.73	0.0	0.0	-6.57	0.0	4.15	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	4.15	-3.29	0.0	0.0	0.0	0.0
1022	2	89.79	0.0	0.0	-5.05	0.0	3.33	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	3.33	-2.53	0.0	0.0	0.0	0.0
1022	3	89.79	0.0	0.0	-5.05	0.0	3.15	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	3.15	-2.53	0.0	0.0	0.0	0.0
1022	4	89.79	0.0	0.0	-5.05	0.0	2.68	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.68	-2.53	0.0	0.0	0.0	0.0
1022	5	89.79	0.0	0.0	-5.05	0.0	2.68	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.68	-2.53	0.0	0.0	0.0	0.0
1023	1	116.73	0.0	0.0	-6.57	0.0	-2.89e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-2.89e-03	-3.29	0.0	0.0	0.0	0.0

1023	2	89.79	0.0	0.0	-5.05	0.0	-2.77e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-2.77e-03	-2.53	0.0	0.0	0.0	0.0
1023	3	89.79	0.0	0.0	-5.05	0.0	-7.31e-04	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-7.31e-04	-2.53	0.0	0.0	0.0	0.0
1023	4	89.79	0.0	0.0	-5.05	0.0	-2.85e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-2.85e-03	-2.53	0.0	0.0	0.0	0.0
1023	5	89.79	0.0	0.0	-5.05	0.0	-2.85e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-2.85e-03	-2.53	0.0	0.0	0.0	0.0
1024	1	116.73	0.0	0.0	-6.57	0.0	7.64	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	7.64	-3.29	0.0	0.0	0.0	0.0
1024	2	89.79	0.0	0.0	-5.05	0.0	6.15	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	6.15	-2.53	0.0	0.0	0.0	0.0
1024	3	89.79	0.0	0.0	-5.05	0.0	5.78	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	5.78	-2.53	0.0	0.0	0.0	0.0
1024	4	89.79	0.0	0.0	-5.05	0.0	4.91	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	4.91	-2.53	0.0	0.0	0.0	0.0
1024	5	89.79	0.0	0.0	-5.05	0.0	4.91	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	4.91	-2.53	0.0	0.0	0.0	0.0
1025	1	116.73	0.0	0.0	-6.57	0.0	34.40	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	34.40	-3.29	0.0	0.0	0.0	0.0
1025	2	89.79	0.0	0.0	-5.05	0.0	27.80	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	27.80	-2.53	0.0	0.0	0.0	0.0
1025	3	89.79	0.0	0.0	-5.05	0.0	25.87	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	25.87	-2.53	0.0	0.0	0.0	0.0
1025	4	89.79	0.0	0.0	-5.05	0.0	22.01	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	22.01	-2.53	0.0	0.0	0.0	0.0
1025	5	89.79	0.0	0.0	-5.05	0.0	22.01	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	22.01	-2.53	0.0	0.0	0.0	0.0
1026	1	116.73	0.0	0.0	-6.57	0.0	14.52	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	14.52	-3.29	0.0	0.0	0.0	0.0
1026	2	89.79	0.0	0.0	-5.05	0.0	11.74	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	11.74	-2.53	0.0	0.0	0.0	0.0
1026	3	89.79	0.0	0.0	-5.05	0.0	10.92	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	10.92	-2.53	0.0	0.0	0.0	0.0
1026	4	89.79	0.0	0.0	-5.05	0.0	9.27	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	9.27	-2.53	0.0	0.0	0.0	0.0
1026	5	89.79	0.0	0.0	-5.05	0.0	9.27	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	9.27	-2.53	0.0	0.0	0.0	0.0
1027	1	116.73	0.0	0.0	-6.57	0.0	41.00	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	41.00	-3.29	0.0	0.0	0.0	0.0
1027	2	89.79	0.0	0.0	-5.05	0.0	33.18	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	33.18	-2.53	0.0	0.0	0.0	0.0
1027	3	89.79	0.0	0.0	-5.05	0.0	30.70	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	30.70	-2.53	0.0	0.0	0.0	0.0
1027	4	89.79	0.0	0.0	-5.05	0.0	25.64	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	25.64	-2.53	0.0	0.0	0.0	0.0
1027	5	89.79	0.0	0.0	-5.05	0.0	25.64	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	25.64	-2.53	0.0	0.0	0.0	0.0
1028	1	116.73	0.0	0.0	-6.57	0.0	-3.53e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.53e-03	-3.29	0.0	0.0	0.0	0.0
1028	2	89.79	0.0	0.0	-5.05	0.0	-1.12e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-1.12e-03	-2.53	0.0	0.0	0.0	0.0
1028	3	89.79	0.0	0.0	-5.05	0.0	-3.54e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.54e-03	-2.53	0.0	0.0	0.0	0.0
1028	4	89.79	0.0	0.0	-5.05	0.0	-3.48e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.48e-03	-2.53	0.0	0.0	0.0	0.0
1028	5	89.79	0.0	0.0	-5.05	0.0	-3.48e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.48e-03	-2.53	0.0	0.0	0.0	0.0
1029	1	116.73	0.0	0.0	-6.57	0.0	-2.06e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-2.06e-03	-3.29	0.0	0.0	0.0	0.0
1029	2	89.79	0.0	0.0	-5.05	0.0	6.37e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	6.37e-03	-2.53	0.0	0.0	0.0	0.0
1029	3	89.79	0.0	0.0	-5.05	0.0	1.71e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.71e-03	-2.53	0.0	0.0	0.0	0.0
1029	4	89.79	0.0	0.0	-5.05	0.0	-1.06e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-1.06e-03	-2.53	0.0	0.0	0.0	0.0
1029	5	89.79	0.0	0.0	-5.05	0.0	-1.06e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-1.06e-03	-2.53	0.0	0.0	0.0	0.0
1030	1	116.73	0.0	0.0	-6.57	0.0	-3.98e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.98e-03	-3.29	0.0	0.0	0.0	0.0
1030	2	89.79	0.0	0.0	-5.05	0.0	-3.85e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.85e-03	-2.53	0.0	0.0	0.0	0.0
1030	3	89.79	0.0	0.0	-5.05	0.0	-3.90e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.90e-03	-2.53	0.0	0.0	0.0	0.0
1030	4	89.79	0.0	0.0	-5.05	0.0	-3.94e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.94e-03	-2.53	0.0	0.0	0.0	0.0
1030	5	89.79	0.0	0.0	-5.05	0.0	-3.94e-03	2.53	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	142.1	-3.94e-03	-2.53	0.0	0.0	0.0	0.0
1031	1	116.73	0.0	0.0	-6.57	0.0	5.49	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	5.49	-3.29	0.0	0.0	0.0	0.0
1031	2	89.79	0.0	0.0	-5.05	0.0	4.47	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	4.47	-2.53	0.0	0.0	0.0	0.0
1031	3	89.79	0.0	0.0	-5.05	0.0	4.16	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	4.16	-2.53	0.0	0.0	0.0	0.0
1031	4	89.79	0.0	0.0	-5.05	0.0	3.56	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	3.56	-2.53	0.0	0.0	0.0	0.0
1031	5	89.79	0.0	0.0	-5.05	0.0	3.56	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	3.56	-2.53	0.0	0.0	0.0	0.0
1032	1	116.73	0.0	0.0	-6.57	0.0	-3.69e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.69e-03	-3.29	0.0	0.0	0.0	0.0
1032	2	89.79	0.0	0.0	-5.05	0.0	-3.86e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.86e-03	-2.53	0.0	0.0	0.0	0.0
1032	3	89.79	0.0	0.0	-5.05	0.0	-1.76e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-1.76e-03	-2.53	0.0	0.0	0.0	0.0
1032	4	89.79	0.0	0.0	-5.05	0.0	-2.74e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-2.74e-03	-2.53	0.0	0.0	0.0	0.0
1032	5	89.79	0.0	0.0	-5.05	0.0	-2.74e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-2.74e-03	-2.53	0.0	0.0	0.0	0.0
1033	1	116.73	0.0	0.0	-6.57	0.0	11.43	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	11.43	-3.29	0.0	0.0	0.0	0.0
1033	2	89.79	0.0	0.0	-5.05	0.0	9.82	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	9.82	-2.53	0.0	0.0	0.0	0.0
1033	3	89.79	0.0	0.0	-5.05	0.0	9.17	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	9.17	-2.53	0.0	0.0	0.0	0.0
1033	4	89.79	0.0	0.0	-5.05	0.0	7.61	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	7.61	-2.53	0.0	0.0	0.0	0.0
1033	5	89.79	0.0	0.0	-5.05	0.0	7.61	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	7.61	-2.53	0.0	0.0	0.0	0.0
1034	1	116.73	0.0	0.0	-6.57	0.0	-3.68e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.68e-03	-3.29	0.0	0.0	0.0	0.0
1034	2	89.79	0.0	0.0	-5.05	0.0	-3.93e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.93e-03	-2.53	0.0	0.0	0.0	0.0
1034	3	89.79	0.0	0.0	-5.05	0.0	-1.52e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-1.52e-03	-2.53	0.0	0.0	0.0	0.0
1034	4	89.79	0.0	0.0	-5.05	0.0	-3.78e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.78e-03	-2.53	0.0	0.0	0.0	0.0
1034	5	89.79	0.0	0.0	-5.05	0.0	-3.78e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.78e-03	-2.53	0.0	0.0	0.0	0.0
1035	1	116.73	0.0	0.0	-6.57	0.0	1.56	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.56	-3.29	0.0	0.0	0.0	0.0
1035	2	89.79	0.0	0.0	-5.05	0.0	1.12	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.12	-2.53	0.0	0.0	0.0	0.0
1035	3	89.79	0.0	0.0	-5.05	0.0	1.04	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.04	-2.53	0.0	0.0	0.0	0.0
1035	4	89.79	0.0	0.0	-5.05	0.0	0.70	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.70	-2.53	0.0	0.0	0.0	0.0
1035	5	89.79	0.0	0.0	-5.05	0.0	0.70	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.70	-2.53	0.0	0.0	0.0	0.0
1036	1	116.73	0.0	0.0	-6.57	0.0	-3.79e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.79e-03	-3.29	0.0	0.0	0.0	0.0
1036	2	89.79	0.0	0.0	-5.05	0.0	-3.92e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.92e-03	-2.53	0.0	0.0	0.0	0.0
1036	3	89.79	0.0	0.0	-5.05	0.0	-3.93e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.93e-03	-2.53	0.0	0.0	0.0	0.0
1036	4	89.79	0.0	0.0	-5.05	0.0	-1.35e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-1.35e-03	-2.53	0.0	0.0	0.0	0.0
1036	5	89.79	0.0	0.0	-5.05	0.0	-1.35e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-1.35e-03	-2.53	0.0	0.0	0.0	0.0
1037	1	116.73	0.0	0.0	-6.57	0.0	5.05	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	5.05	-3.29	0.0	0.0	0.0	0.0
1037	2	89.79	0.0	0.0	-5.05	0.0	3.88	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	3.88	-2.53	0.0	0.0	0.0	0.0
1037	3	89.79	0.0	0.0	-5.05	0.0	3.70	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	3.70	-2.53	0.0	0.0	0.0	0.0
1037	4	89.79	0.0	0.0	-5.05	0.0	3.41	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	3.41	-2.53	0.0	0.0	0.0	0.0
1037	5	89.79	0.0	0.0	-5.05	0.0	3.41	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	3.41	-2.53	0.0	0.0	0.0	0.0
1038	1	116.73	0.0	0.0	-6.57	0.0	-3.67e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.67e-03	-3.29	0.0	0.0	0.0	0.0
1038	2	89.79	0.0	0.0	-5.05	0.0	-3.79e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.79e-03	-2.53	0.0	0.0	0.0	0.0
1038	3	89.79	0.0	0.0	-5.05	0.0	-3.83e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.83e-03	-2.53	0.0	0.0	0.0	0.0

1038	4	89.79	0.0	0.0	-5.05	0.0	-3.80e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.80e-03	-2.53	0.0	0.0	0.0	0.0
1038	5	89.79	0.0	0.0	-5.05	0.0	-3.80e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.80e-03	-2.53	0.0	0.0	0.0	0.0
1039	1	116.73	0.0	0.0	-6.57	0.0	10.37	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	10.37	-3.29	0.0	0.0	0.0	0.0
1039	2	89.79	0.0	0.0	-5.05	0.0	8.16	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	8.16	-2.53	0.0	0.0	0.0	0.0
1039	3	89.79	0.0	0.0	-5.05	0.0	7.69	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	7.69	-2.53	0.0	0.0	0.0	0.0
1039	4	89.79	0.0	0.0	-5.05	0.0	7.09	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	7.09	-2.53	0.0	0.0	0.0	0.0
1039	5	89.79	0.0	0.0	-5.05	0.0	7.09	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	7.09	-2.53	0.0	0.0	0.0	0.0
1040	1	116.73	0.0	0.0	-6.57	0.0	-3.64e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.64e-03	-3.29	0.0	0.0	0.0	0.0
1040	2	89.79	0.0	0.0	-5.05	0.0	-3.70e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.70e-03	-2.53	0.0	0.0	0.0	0.0
1040	3	89.79	0.0	0.0	-5.05	0.0	-3.82e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.82e-03	-2.53	0.0	0.0	0.0	0.0
1040	4	89.79	0.0	0.0	-5.05	0.0	-3.37e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.37e-03	-2.53	0.0	0.0	0.0	0.0
1040	5	89.79	0.0	0.0	-5.05	0.0	-3.37e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.37e-03	-2.53	0.0	0.0	0.0	0.0
1041	1	116.73	0.0	0.0	-6.57	0.0	-3.77e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.77e-03	-3.29	0.0	0.0	0.0	0.0
1041	2	89.79	0.0	0.0	-5.05	0.0	-3.64e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.64e-03	-2.53	0.0	0.0	0.0	0.0
1041	3	89.79	0.0	0.0	-5.05	0.0	-1.53e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-1.53e-03	-2.53	0.0	0.0	0.0	0.0
1041	4	89.79	0.0	0.0	-5.05	0.0	-3.58e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.58e-03	-2.53	0.0	0.0	0.0	0.0
1041	5	89.79	0.0	0.0	-5.05	0.0	-3.58e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.58e-03	-2.53	0.0	0.0	0.0	0.0
1042	1	116.73	0.0	0.0	-6.57	0.0	0.47	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.47	-3.29	0.0	0.0	0.0	0.0
1042	2	89.79	0.0	0.0	-5.05	0.0	0.41	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.41	-2.53	0.0	0.0	0.0	0.0
1042	3	89.79	0.0	0.0	-5.05	0.0	0.36	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.36	-2.53	0.0	0.0	0.0	0.0
1042	4	89.79	0.0	0.0	-5.05	0.0	0.47	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.47	-2.53	0.0	0.0	0.0	0.0
1042	5	89.79	0.0	0.0	-5.05	0.0	0.47	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.47	-2.53	0.0	0.0	0.0	0.0
1043	1	116.73	0.0	0.0	-6.57	0.0	0.21	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.21	-3.29	0.0	0.0	0.0	0.0
1043	2	89.79	0.0	0.0	-5.05	0.0	0.13	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.13	-2.53	0.0	0.0	0.0	0.0
1043	3	89.79	0.0	0.0	-5.05	0.0	0.15	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.15	-2.53	0.0	0.0	0.0	0.0
1043	4	89.79	0.0	0.0	-5.05	0.0	0.14	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.14	-2.53	0.0	0.0	0.0	0.0
1043	5	89.79	0.0	0.0	-5.05	0.0	0.14	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.14	-2.53	0.0	0.0	0.0	0.0
1044	1	116.73	0.0	0.0	-6.57	0.0	-1.78e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-1.78e-03	-3.29	0.0	0.0	0.0	0.0
1044	2	89.79	0.0	0.0	-5.05	0.0	-3.59e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.59e-03	-2.53	0.0	0.0	0.0	0.0
1044	3	89.79	0.0	0.0	-5.05	0.0	-3.65e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.65e-03	-2.53	0.0	0.0	0.0	0.0
1044	4	89.79	0.0	0.0	-5.05	0.0	-3.77e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.77e-03	-2.53	0.0	0.0	0.0	0.0
1044	5	89.79	0.0	0.0	-5.05	0.0	-3.77e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.77e-03	-2.53	0.0	0.0	0.0	0.0
1045	1	116.73	0.0	0.0	-6.57	0.0	-2.37e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-2.37e-03	-3.29	0.0	0.0	0.0	0.0
1045	2	89.79	0.0	0.0	-5.05	0.0	-3.71e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.71e-03	-2.53	0.0	0.0	0.0	0.0
1045	3	89.79	0.0	0.0	-5.05	0.0	-3.77e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.77e-03	-2.53	0.0	0.0	0.0	0.0
1045	4	89.79	0.0	0.0	-5.05	0.0	-3.70e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.70e-03	-2.53	0.0	0.0	0.0	0.0
1045	5	89.79	0.0	0.0	-5.05	0.0	-3.70e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.70e-03	-2.53	0.0	0.0	0.0	0.0
1046	1	116.73	0.0	0.0	-6.57	0.0	6.76	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	6.76	-3.29	0.0	0.0	0.0	0.0
1046	2	89.79	0.0	0.0	-5.05	0.0	5.35	2.53	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	142.1	5.35	-2.53	0.0	0.0	0.0	0.0
1046	3	89.79	0.0	0.0	-5.05	0.0	5.00	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	5.00	-2.53	0.0	0.0	0.0	0.0
1046	4	89.79	0.0	0.0	-5.05	0.0	4.47	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	4.47	-2.53	0.0	0.0	0.0	0.0
1046	5	89.79	0.0	0.0	-5.05	0.0	4.47	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	4.47	-2.53	0.0	0.0	0.0	0.0
1047	1	116.73	0.0	0.0	-6.57	0.0	-3.80e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.80e-03	-3.29	0.0	0.0	0.0	0.0
1047	2	89.79	0.0	0.0	-5.05	0.0	-3.80e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.80e-03	-2.53	0.0	0.0	0.0	0.0
1047	3	89.79	0.0	0.0	-5.05	0.0	-3.99e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.99e-03	-2.53	0.0	0.0	0.0	0.0
1047	4	89.79	0.0	0.0	-5.05	0.0	-3.69e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.69e-03	-2.53	0.0	0.0	0.0	0.0
1047	5	89.79	0.0	0.0	-5.05	0.0	-3.69e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.69e-03	-2.53	0.0	0.0	0.0	0.0
1048	1	116.73	0.0	0.0	-6.57	0.0	2.98	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.98	-3.29	0.0	0.0	0.0	0.0
1048	2	89.79	0.0	0.0	-5.05	0.0	2.39	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.39	-2.53	0.0	0.0	0.0	0.0
1048	3	89.79	0.0	0.0	-5.05	0.0	2.28	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.28	-2.53	0.0	0.0	0.0	0.0
1048	4	89.79	0.0	0.0	-5.05	0.0	2.03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.03	-2.53	0.0	0.0	0.0	0.0
1048	5	89.79	0.0	0.0	-5.05	0.0	2.03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.03	-2.53	0.0	0.0	0.0	0.0
1049	1	116.73	0.0	0.0	-6.57	0.0	-3.34e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.34e-03	-3.29	0.0	0.0	0.0	0.0
1049	2	89.79	0.0	0.0	-5.05	0.0	-3.39e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.39e-03	-2.53	0.0	0.0	0.0	0.0
1049	3	89.79	0.0	0.0	-5.05	0.0	-2.85e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-2.85e-03	-2.53	0.0	0.0	0.0	0.0
1049	4	89.79	0.0	0.0	-5.05	0.0	-3.45e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.45e-03	-2.53	0.0	0.0	0.0	0.0
1049	5	89.79	0.0	0.0	-5.05	0.0	-3.45e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.45e-03	-2.53	0.0	0.0	0.0	0.0
1050	1	116.73	0.0	0.0	-6.57	0.0	39.69	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	39.69	-3.29	0.0	0.0	0.0	0.0
1050	2	89.79	0.0	0.0	-5.05	0.0	32.15	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	32.15	-2.53	0.0	0.0	0.0	0.0
1050	3	89.79	0.0	0.0	-5.05	0.0	29.85	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	29.85	-2.53	0.0	0.0	0.0	0.0
1050	4	89.79	0.0	0.0	-5.05	0.0	25.44	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	25.44	-2.53	0.0	0.0	0.0	0.0
1050	5	89.79	0.0	0.0	-5.05	0.0	25.44	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	25.44	-2.53	0.0	0.0	0.0	0.0
1051	1	116.73	0.0	0.0	-6.57	0.0	-3.54e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.54e-03	-3.29	0.0	0.0	0.0	0.0
1051	2	89.79	0.0	0.0	-5.05	0.0	-9.20e-04	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-9.20e-04	-2.53	0.0	0.0	0.0	0.0
1051	3	89.79	0.0	0.0	-5.05	0.0	-1.76e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-1.76e-03	-2.53	0.0	0.0	0.0	0.0
1051	4	89.79	0.0	0.0	-5.05	0.0	-3.56e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.56e-03	-2.53	0.0	0.0	0.0	0.0
1051	5	89.79	0.0	0.0	-5.05	0.0	-3.56e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.56e-03	-2.53	0.0	0.0	0.0	0.0
1052	1	116.73	0.0	0.0	-6.57	0.0	43.08	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	43.08	-3.29	0.0	0.0	0.0	0.0
1052	2	89.79	0.0	0.0	-5.05	0.0	34.85	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	34.85	-2.53	0.0	0.0	0.0	0.0
1052	3	89.79	0.0	0.0	-5.05	0.0	32.25	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	32.25	-2.53	0.0	0.0	0.0	0.0
1052	4	89.79	0.0	0.0	-5.05	0.0	26.96	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	26.96	-2.53	0.0	0.0	0.0	0.0
1052	5	89.79	0.0	0.0	-5.05	0.0	26.96	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	26.96	-2.53	0.0	0.0	0.0	0.0
1053	1	116.73	0.0	0.0	-6.57	0.0	-3.85e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.85e-03	-3.29	0.0	0.0	0.0	0.0
1053	2	89.79	0.0	0.0	-5.05	0.0	-3.82e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.82e-03	-2.53	0.0	0.0	0.0	0.0
1053	3	89.79	0.0	0.0	-5.05	0.0	-3.73e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.73e-03	-2.53	0.0	0.0	0.0	0.0
1053	4	89.79	0.0	0.0	-5.05	0.0	-3.81e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.81e-03	-2.53	0.0	0.0	0.0	0.0
1053	5	89.79	0.0	0.0	-5.05	0.0	-3.81e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.81e-03	-2.53	0.0	0.0	0.0	0.0

1054	1	116.73	0.0	0.0	-6.57	0.0	1.75	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.75	-3.29	0.0	0.0	0.0	0.0
1054	2	89.79	0.0	0.0	-5.05	0.0	1.28	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.28	-2.53	0.0	0.0	0.0	0.0
1054	3	89.79	0.0	0.0	-5.05	0.0	1.16	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.16	-2.53	0.0	0.0	0.0	0.0
1054	4	89.79	0.0	0.0	-5.05	0.0	1.04	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.04	-2.53	0.0	0.0	0.0	0.0
1054	5	89.79	0.0	0.0	-5.05	0.0	1.04	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.04	-2.53	0.0	0.0	0.0	0.0
1055	1	116.73	0.0	0.0	-6.57	0.0	-3.79e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.79e-03	-3.29	0.0	0.0	0.0	0.0
1055	2	89.79	0.0	0.0	-5.05	0.0	-3.83e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.83e-03	-2.53	0.0	0.0	0.0	0.0
1055	3	89.79	0.0	0.0	-5.05	0.0	-3.46e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.46e-03	-2.53	0.0	0.0	0.0	0.0
1055	4	89.79	0.0	0.0	-5.05	0.0	-3.80e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.80e-03	-2.53	0.0	0.0	0.0	0.0
1055	5	89.79	0.0	0.0	-5.05	0.0	-3.80e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.80e-03	-2.53	0.0	0.0	0.0	0.0
1056	1	116.73	0.0	0.0	-6.57	0.0	7.60	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	7.60	-3.29	0.0	0.0	0.0	0.0
1056	2	89.79	0.0	0.0	-5.05	0.0	6.03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	6.03	-2.53	0.0	0.0	0.0	0.0
1056	3	89.79	0.0	0.0	-5.05	0.0	5.58	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	5.58	-2.53	0.0	0.0	0.0	0.0
1056	4	89.79	0.0	0.0	-5.05	0.0	4.88	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	4.88	-2.53	0.0	0.0	0.0	0.0
1056	5	89.79	0.0	0.0	-5.05	0.0	4.88	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	4.88	-2.53	0.0	0.0	0.0	0.0
1057	1	116.73	0.0	0.0	-6.57	0.0	-3.81e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.81e-03	-3.29	0.0	0.0	0.0	0.0
1057	2	89.79	0.0	0.0	-5.05	0.0	-1.71e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-1.71e-03	-2.53	0.0	0.0	0.0	0.0
1057	3	89.79	0.0	0.0	-5.05	0.0	-3.50e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.50e-03	-2.53	0.0	0.0	0.0	0.0
1057	4	89.79	0.0	0.0	-5.05	0.0	-3.77e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.77e-03	-2.53	0.0	0.0	0.0	0.0
1057	5	89.79	0.0	0.0	-5.05	0.0	-3.77e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.77e-03	-2.53	0.0	0.0	0.0	0.0
1058	1	116.73	0.0	0.0	-6.57	0.0	13.77	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	13.77	-3.29	0.0	0.0	0.0	0.0
1058	2	89.79	0.0	0.0	-5.05	0.0	11.58	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	11.58	-2.53	0.0	0.0	0.0	0.0
1058	3	89.79	0.0	0.0	-5.05	0.0	10.78	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	10.78	-2.53	0.0	0.0	0.0	0.0
1058	4	89.79	0.0	0.0	-5.05	0.0	9.15	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	9.15	-2.53	0.0	0.0	0.0	0.0
1058	5	89.79	0.0	0.0	-5.05	0.0	9.15	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	9.15	-2.53	0.0	0.0	0.0	0.0
1059	1	116.73	0.0	0.0	-6.57	0.0	1.45	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.45	-3.29	0.0	0.0	0.0	0.0
1059	2	89.79	0.0	0.0	-5.05	0.0	1.10	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.10	-2.53	0.0	0.0	0.0	0.0
1059	3	89.79	0.0	0.0	-5.05	0.0	1.15	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.15	-2.53	0.0	0.0	0.0	0.0
1059	4	89.79	0.0	0.0	-5.05	0.0	1.50	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.50	-2.53	0.0	0.0	0.0	0.0
1059	5	89.79	0.0	0.0	-5.05	0.0	1.50	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.50	-2.53	0.0	0.0	0.0	0.0
1060	1	116.73	0.0	0.0	-6.57	0.0	-3.82e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.82e-03	-3.29	0.0	0.0	0.0	0.0
1060	2	89.79	0.0	0.0	-5.05	0.0	-3.63e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.63e-03	-2.53	0.0	0.0	0.0	0.0
1060	3	89.79	0.0	0.0	-5.05	0.0	-3.86e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.86e-03	-2.53	0.0	0.0	0.0	0.0
1060	4	89.79	0.0	0.0	-5.05	0.0	-3.81e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.81e-03	-2.53	0.0	0.0	0.0	0.0
1060	5	89.79	0.0	0.0	-5.05	0.0	-3.81e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.81e-03	-2.53	0.0	0.0	0.0	0.0
1061	1	116.73	0.0	0.0	-6.57	0.0	0.86	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.86	-3.29	0.0	0.0	0.0	0.0
1061	2	89.79	0.0	0.0	-5.05	0.0	0.66	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.66	-2.53	0.0	0.0	0.0	0.0
1061	3	89.79	0.0	0.0	-5.05	0.0	0.66	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.66	-2.53	0.0	0.0	0.0	0.0
1061	4	89.79	0.0	0.0	-5.05	0.0	0.61	2.53	0.0	0.0	0.0	0.0



		0.0	0.0	0.0	0.0	142.1	0.61	-2.53	0.0	0.0	0.0	0.0
1061	5	89.79	0.0	0.0	-5.05	0.0	0.61	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.61	-2.53	0.0	0.0	0.0	0.0
1062	1	116.73	0.0	0.0	-6.57	0.0	-3.78e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.78e-03	-3.29	0.0	0.0	0.0	0.0
1062	2	89.79	0.0	0.0	-5.05	0.0	-3.54e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.54e-03	-2.53	0.0	0.0	0.0	0.0
1062	3	89.79	0.0	0.0	-5.05	0.0	-3.88e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.88e-03	-2.53	0.0	0.0	0.0	0.0
1062	4	89.79	0.0	0.0	-5.05	0.0	-3.80e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.80e-03	-2.53	0.0	0.0	0.0	0.0
1062	5	89.79	0.0	0.0	-5.05	0.0	-3.80e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.80e-03	-2.53	0.0	0.0	0.0	0.0
1063	1	116.73	0.0	0.0	-6.57	0.0	-3.72e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.72e-03	-3.29	0.0	0.0	0.0	0.0
1063	2	89.79	0.0	0.0	-5.05	0.0	-3.89e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.89e-03	-2.53	0.0	0.0	0.0	0.0
1063	3	89.79	0.0	0.0	-5.05	0.0	-1.24e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-1.24e-03	-2.53	0.0	0.0	0.0	0.0
1063	4	89.79	0.0	0.0	-5.05	0.0	-1.81e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-1.81e-03	-2.53	0.0	0.0	0.0	0.0
1063	5	89.79	0.0	0.0	-5.05	0.0	-1.81e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-1.81e-03	-2.53	0.0	0.0	0.0	0.0
1064	1	116.73	0.0	0.0	-6.57	0.0	0.16	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.16	-3.29	0.0	0.0	0.0	0.0
1064	2	89.79	0.0	0.0	-5.05	0.0	0.15	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.15	-2.53	0.0	0.0	0.0	0.0
1064	3	89.79	0.0	0.0	-5.05	0.0	0.14	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.14	-2.53	0.0	0.0	0.0	0.0
1064	4	89.79	0.0	0.0	-5.05	0.0	0.33	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.33	-2.53	0.0	0.0	0.0	0.0
1064	5	89.79	0.0	0.0	-5.05	0.0	0.33	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.33	-2.53	0.0	0.0	0.0	0.0
1065	1	116.73	0.0	0.0	-6.57	0.0	17.33	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	17.33	-3.29	0.0	0.0	0.0	0.0
1065	2	89.79	0.0	0.0	-5.05	0.0	14.05	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	14.05	-2.53	0.0	0.0	0.0	0.0
1065	3	89.79	0.0	0.0	-5.05	0.0	13.18	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	13.18	-2.53	0.0	0.0	0.0	0.0
1065	4	89.79	0.0	0.0	-5.05	0.0	11.28	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	11.28	-2.53	0.0	0.0	0.0	0.0
1065	5	89.79	0.0	0.0	-5.05	0.0	11.28	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	11.28	-2.53	0.0	0.0	0.0	0.0
1066	1	116.73	0.0	0.0	-6.57	0.0	-3.27e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.27e-03	-3.29	0.0	0.0	0.0	0.0
1066	2	89.79	0.0	0.0	-5.05	0.0	-3.73e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.73e-03	-2.53	0.0	0.0	0.0	0.0
1066	3	89.79	0.0	0.0	-5.05	0.0	-3.25e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.25e-03	-2.53	0.0	0.0	0.0	0.0
1066	4	89.79	0.0	0.0	-5.05	0.0	-3.73e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.73e-03	-2.53	0.0	0.0	0.0	0.0
1066	5	89.79	0.0	0.0	-5.05	0.0	-3.73e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.73e-03	-2.53	0.0	0.0	0.0	0.0
1067	1	116.73	0.0	0.0	-6.57	0.0	1.72	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.72	-3.29	0.0	0.0	0.0	0.0
1067	2	89.79	0.0	0.0	-5.05	0.0	1.46	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.46	-2.53	0.0	0.0	0.0	0.0
1067	3	89.79	0.0	0.0	-5.05	0.0	1.42	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.42	-2.53	0.0	0.0	0.0	0.0
1067	4	89.79	0.0	0.0	-5.05	0.0	0.96	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.96	-2.53	0.0	0.0	0.0	0.0
1067	5	89.79	0.0	0.0	-5.05	0.0	0.96	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.96	-2.53	0.0	0.0	0.0	0.0
1068	1	116.73	0.0	0.0	-6.57	0.0	-1.38e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-1.38e-03	-3.29	0.0	0.0	0.0	0.0
1068	2	89.79	0.0	0.0	-5.05	0.0	-3.70e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.70e-03	-2.53	0.0	0.0	0.0	0.0
1068	3	89.79	0.0	0.0	-5.05	0.0	-3.70e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.70e-03	-2.53	0.0	0.0	0.0	0.0
1068	4	89.79	0.0	0.0	-5.05	0.0	-3.66e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.66e-03	-2.53	0.0	0.0	0.0	0.0
1068	5	89.79	0.0	0.0	-5.05	0.0	-3.66e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.66e-03	-2.53	0.0	0.0	0.0	0.0
1069	1	116.73	0.0	0.0	-6.57	0.0	-2.00e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-2.00e-03	-3.29	0.0	0.0	0.0	0.0
1069	2	89.79	0.0	0.0	-5.05	0.0	-3.53e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.53e-03	-2.53	0.0	0.0	0.0	0.0

1069	3	89.79	0.0	0.0	-5.05	0.0	-3.57e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.57e-03	-2.53	0.0	0.0	0.0	0.0
1069	4	89.79	0.0	0.0	-5.05	0.0	-3.75e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.75e-03	-2.53	0.0	0.0	0.0	0.0
1069	5	89.79	0.0	0.0	-5.05	0.0	-3.75e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.75e-03	-2.53	0.0	0.0	0.0	0.0
1070	1	116.73	0.0	0.0	-6.57	0.0	5.30	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	5.30	-3.29	0.0	0.0	0.0	0.0
1070	2	89.79	0.0	0.0	-5.05	0.0	4.32	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	4.32	-2.53	0.0	0.0	0.0	0.0
1070	3	89.79	0.0	0.0	-5.05	0.0	3.97	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	3.97	-2.53	0.0	0.0	0.0	0.0
1070	4	89.79	0.0	0.0	-5.05	0.0	3.52	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	3.52	-2.53	0.0	0.0	0.0	0.0
1070	5	89.79	0.0	0.0	-5.05	0.0	3.52	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	3.52	-2.53	0.0	0.0	0.0	0.0
1071	1	116.73	0.0	0.0	-6.57	0.0	-3.48e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.48e-03	-3.29	0.0	0.0	0.0	0.0
1071	2	89.79	0.0	0.0	-5.05	0.0	-3.55e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.55e-03	-2.53	0.0	0.0	0.0	0.0
1071	3	89.79	0.0	0.0	-5.05	0.0	-3.44e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.44e-03	-2.53	0.0	0.0	0.0	0.0
1071	4	89.79	0.0	0.0	-5.05	0.0	-1.47e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-1.47e-03	-2.53	0.0	0.0	0.0	0.0
1071	5	89.79	0.0	0.0	-5.05	0.0	-1.47e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-1.47e-03	-2.53	0.0	0.0	0.0	0.0
1072	1	116.73	0.0	0.0	-6.57	0.0	16.86	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	16.86	-3.29	0.0	0.0	0.0	0.0
1072	2	89.79	0.0	0.0	-5.05	0.0	13.56	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	13.56	-2.53	0.0	0.0	0.0	0.0
1072	3	89.79	0.0	0.0	-5.05	0.0	12.56	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	12.56	-2.53	0.0	0.0	0.0	0.0
1072	4	89.79	0.0	0.0	-5.05	0.0	11.06	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	11.06	-2.53	0.0	0.0	0.0	0.0
1072	5	89.79	0.0	0.0	-5.05	0.0	11.06	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	11.06	-2.53	0.0	0.0	0.0	0.0
1073	1	116.73	0.0	0.0	-6.57	0.0	19.59	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	19.59	-3.29	0.0	0.0	0.0	0.0
1073	2	89.79	0.0	0.0	-5.05	0.0	15.94	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	15.94	-2.53	0.0	0.0	0.0	0.0
1073	3	89.79	0.0	0.0	-5.05	0.0	14.77	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	14.77	-2.53	0.0	0.0	0.0	0.0
1073	4	89.79	0.0	0.0	-5.05	0.0	12.47	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	12.47	-2.53	0.0	0.0	0.0	0.0
1073	5	89.79	0.0	0.0	-5.05	0.0	12.47	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	12.47	-2.53	0.0	0.0	0.0	0.0
1074	1	116.73	0.0	0.0	-6.57	0.0	-3.36e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.36e-03	-3.29	0.0	0.0	0.0	0.0
1074	2	89.79	0.0	0.0	-5.05	0.0	-3.39e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.39e-03	-2.53	0.0	0.0	0.0	0.0
1074	3	89.79	0.0	0.0	-5.05	0.0	-1.10e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-1.10e-03	-2.53	0.0	0.0	0.0	0.0
1074	4	89.79	0.0	0.0	-5.05	0.0	-3.43e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.43e-03	-2.53	0.0	0.0	0.0	0.0
1074	5	89.79	0.0	0.0	-5.05	0.0	-3.43e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.43e-03	-2.53	0.0	0.0	0.0	0.0
1075	1	116.73	0.0	0.0	-6.57	0.0	10.88	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	10.88	-3.29	0.0	0.0	0.0	0.0
1075	2	89.79	0.0	0.0	-5.05	0.0	8.89	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	8.89	-2.53	0.0	0.0	0.0	0.0
1075	3	89.79	0.0	0.0	-5.05	0.0	8.21	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	8.21	-2.53	0.0	0.0	0.0	0.0
1075	4	89.79	0.0	0.0	-5.05	0.0	6.84	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	6.84	-2.53	0.0	0.0	0.0	0.0
1075	5	89.79	0.0	0.0	-5.05	0.0	6.84	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	6.84	-2.53	0.0	0.0	0.0	0.0
1076	1	116.73	0.0	0.0	-6.57	0.0	-3.60e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.60e-03	-3.29	0.0	0.0	0.0	0.0
1076	2	89.79	0.0	0.0	-5.05	0.0	-3.75e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.75e-03	-2.53	0.0	0.0	0.0	0.0
1076	3	89.79	0.0	0.0	-5.05	0.0	-3.68e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.68e-03	-2.53	0.0	0.0	0.0	0.0
1076	4	89.79	0.0	0.0	-5.05	0.0	-3.75e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.75e-03	-2.53	0.0	0.0	0.0	0.0
1076	5	89.79	0.0	0.0	-5.05	0.0	-3.75e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.75e-03	-2.53	0.0	0.0	0.0	0.0
1077	1	88.56	0.0	0.0	-5.72	0.0	5.26	2.86	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	123.8	5.26	-2.86	0.0	0.0	0.0	0.0
1077	2	68.12	0.0	0.0	-4.40	0.0	4.22	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	4.22	-2.20	0.0	0.0	0.0	0.0
1077	3	68.12	0.0	0.0	-4.40	0.0	3.96	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	3.96	-2.20	0.0	0.0	0.0	0.0
1077	4	68.12	0.0	0.0	-4.40	0.0	3.32	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	3.32	-2.20	0.0	0.0	0.0	0.0
1077	5	68.12	0.0	0.0	-4.40	0.0	3.32	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	3.32	-2.20	0.0	0.0	0.0	0.0
1078	1	88.56	0.0	0.0	-5.72	0.0	-3.93e-03	2.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-3.93e-03	-2.86	0.0	0.0	0.0	0.0
1078	2	68.12	0.0	0.0	-4.40	0.0	-3.78e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-3.78e-03	-2.20	0.0	0.0	0.0	0.0
1078	3	68.12	0.0	0.0	-4.40	0.0	-1.80e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-1.80e-03	-2.20	0.0	0.0	0.0	0.0
1078	4	68.12	0.0	0.0	-4.40	0.0	-3.79e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-3.79e-03	-2.20	0.0	0.0	0.0	0.0
1078	5	68.12	0.0	0.0	-4.40	0.0	-3.79e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-3.79e-03	-2.20	0.0	0.0	0.0	0.0
1079	1	93.61	0.0	0.0	-5.88	0.0	3.57	2.94	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	3.57	-2.94	0.0	0.0	0.0	0.0
1079	2	72.01	0.0	0.0	-4.53	0.0	2.77	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	2.77	-2.26	0.0	0.0	0.0	0.0
1079	3	72.01	0.0	0.0	-4.53	0.0	2.60	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	2.60	-2.26	0.0	0.0	0.0	0.0
1079	4	72.01	0.0	0.0	-4.53	0.0	2.07	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	2.07	-2.26	0.0	0.0	0.0	0.0
1079	5	72.01	0.0	0.0	-4.53	0.0	2.07	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	2.07	-2.26	0.0	0.0	0.0	0.0
1080	1	93.61	0.0	0.0	-5.88	0.0	-3.80e-03	2.94	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-3.80e-03	-2.94	0.0	0.0	0.0	0.0
1080	2	72.01	0.0	0.0	-4.53	0.0	-3.83e-03	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-3.83e-03	-2.26	0.0	0.0	0.0	0.0
1080	3	72.01	0.0	0.0	-4.53	0.0	-3.75e-03	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-3.75e-03	-2.26	0.0	0.0	0.0	0.0
1080	4	72.01	0.0	0.0	-4.53	0.0	-3.76e-03	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-3.76e-03	-2.26	0.0	0.0	0.0	0.0
1080	5	72.01	0.0	0.0	-4.53	0.0	-3.76e-03	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-3.76e-03	-2.26	0.0	0.0	0.0	0.0
1081	1	88.56	0.0	0.0	-5.72	0.0	0.25	2.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	0.25	-2.86	0.0	0.0	0.0	0.0
1081	2	68.12	0.0	0.0	-4.40	0.0	0.22	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	0.22	-2.20	0.0	0.0	0.0	0.0
1081	3	68.12	0.0	0.0	-4.40	0.0	0.22	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	0.22	-2.20	0.0	0.0	0.0	0.0
1081	4	68.12	0.0	0.0	-4.40	0.0	0.14	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	0.14	-2.20	0.0	0.0	0.0	0.0
1081	5	68.12	0.0	0.0	-4.40	0.0	0.14	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	0.14	-2.20	0.0	0.0	0.0	0.0
1082	1	88.56	0.0	0.0	-5.72	0.0	-3.89e-03	2.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-3.89e-03	-2.86	0.0	0.0	0.0	0.0
1082	2	68.12	0.0	0.0	-4.40	0.0	-1.75e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-1.75e-03	-2.20	0.0	0.0	0.0	0.0
1082	3	68.12	0.0	0.0	-4.40	0.0	-3.42e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-3.42e-03	-2.20	0.0	0.0	0.0	0.0
1082	4	68.12	0.0	0.0	-4.40	0.0	-3.76e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-3.76e-03	-2.20	0.0	0.0	0.0	0.0
1082	5	68.12	0.0	0.0	-4.40	0.0	-3.76e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-3.76e-03	-2.20	0.0	0.0	0.0	0.0
1083	1	116.73	0.0	0.0	-6.57	0.0	-3.79e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.79e-03	-3.29	0.0	0.0	0.0	0.0
1083	2	89.79	0.0	0.0	-5.05	0.0	-3.83e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.83e-03	-2.53	0.0	0.0	0.0	0.0
1083	3	89.79	0.0	0.0	-5.05	0.0	-3.77e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.77e-03	-2.53	0.0	0.0	0.0	0.0
1083	4	89.79	0.0	0.0	-5.05	0.0	-3.77e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.77e-03	-2.53	0.0	0.0	0.0	0.0
1083	5	89.79	0.0	0.0	-5.05	0.0	-3.77e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.77e-03	-2.53	0.0	0.0	0.0	0.0
1084	1	116.73	0.0	0.0	-6.57	0.0	16.32	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	16.32	-3.29	0.0	0.0	0.0	0.0
1084	2	89.79	0.0	0.0	-5.05	0.0	13.26	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	13.26	-2.53	0.0	0.0	0.0	0.0
1084	3	89.79	0.0	0.0	-5.05	0.0	12.30	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	12.30	-2.53	0.0	0.0	0.0	0.0
1084	4	89.79	0.0	0.0	-5.05	0.0	10.12	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	10.12	-2.53	0.0	0.0	0.0	0.0

1084	5	89.79	0.0	0.0	-5.05	0.0	10.12	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	10.12	-2.53	0.0	0.0	0.0	0.0
1085	1	116.73	0.0	0.0	-6.57	0.0	-3.64e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.64e-03	-3.29	0.0	0.0	0.0	0.0
1085	2	89.79	0.0	0.0	-5.05	0.0	-3.89e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.89e-03	-2.53	0.0	0.0	0.0	0.0
1085	3	89.79	0.0	0.0	-5.05	0.0	-3.55e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.55e-03	-2.53	0.0	0.0	0.0	0.0
1085	4	89.79	0.0	0.0	-5.05	0.0	-3.97e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.97e-03	-2.53	0.0	0.0	0.0	0.0
1085	5	89.79	0.0	0.0	-5.05	0.0	-3.97e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.97e-03	-2.53	0.0	0.0	0.0	0.0
1086	1	116.73	0.0	0.0	-6.57	0.0	1.72	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.72	-3.29	0.0	0.0	0.0	0.0
1086	2	89.79	0.0	0.0	-5.05	0.0	1.41	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.41	-2.53	0.0	0.0	0.0	0.0
1086	3	89.79	0.0	0.0	-5.05	0.0	1.30	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.30	-2.53	0.0	0.0	0.0	0.0
1086	4	89.79	0.0	0.0	-5.05	0.0	0.90	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.90	-2.53	0.0	0.0	0.0	0.0
1086	5	89.79	0.0	0.0	-5.05	0.0	0.90	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.90	-2.53	0.0	0.0	0.0	0.0
1087	1	88.56	0.0	0.0	-5.72	0.0	4.06	2.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	4.06	-2.86	0.0	0.0	0.0	0.0
1087	2	68.12	0.0	0.0	-4.40	0.0	3.24	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	3.24	-2.20	0.0	0.0	0.0	0.0
1087	3	68.12	0.0	0.0	-4.40	0.0	3.04	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	3.04	-2.20	0.0	0.0	0.0	0.0
1087	4	68.12	0.0	0.0	-4.40	0.0	2.75	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	2.75	-2.20	0.0	0.0	0.0	0.0
1087	5	68.12	0.0	0.0	-4.40	0.0	2.75	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	2.75	-2.20	0.0	0.0	0.0	0.0
1088	1	88.56	0.0	0.0	-5.72	0.0	-2.07e-03	2.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-2.07e-03	-2.86	0.0	0.0	0.0	0.0
1088	2	68.12	0.0	0.0	-4.40	0.0	-4.19e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-4.19e-03	-2.20	0.0	0.0	0.0	0.0
1088	3	68.12	0.0	0.0	-4.40	0.0	-2.04e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-2.04e-03	-2.20	0.0	0.0	0.0	0.0
1088	4	68.12	0.0	0.0	-4.40	0.0	-4.16e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-4.16e-03	-2.20	0.0	0.0	0.0	0.0
1088	5	68.12	0.0	0.0	-4.40	0.0	-4.16e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-4.16e-03	-2.20	0.0	0.0	0.0	0.0
1089	1	93.61	0.0	0.0	-5.88	0.0	3.33	2.94	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	3.33	-2.94	0.0	0.0	0.0	0.0
1089	2	72.01	0.0	0.0	-4.53	0.0	2.69	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	2.69	-2.26	0.0	0.0	0.0	0.0
1089	3	72.01	0.0	0.0	-4.53	0.0	2.55	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	2.55	-2.26	0.0	0.0	0.0	0.0
1089	4	72.01	0.0	0.0	-4.53	0.0	2.49	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	2.49	-2.26	0.0	0.0	0.0	0.0
1089	5	72.01	0.0	0.0	-4.53	0.0	2.49	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	2.49	-2.26	0.0	0.0	0.0	0.0
1090	1	93.61	0.0	0.0	-5.88	0.0	-1.87e-03	2.94	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-1.87e-03	-2.94	0.0	0.0	0.0	0.0
1090	2	72.01	0.0	0.0	-4.53	0.0	-4.02e-03	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-4.02e-03	-2.26	0.0	0.0	0.0	0.0
1090	3	72.01	0.0	0.0	-4.53	0.0	-1.40e-03	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-1.40e-03	-2.26	0.0	0.0	0.0	0.0
1090	4	72.01	0.0	0.0	-4.53	0.0	-4.29e-03	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-4.29e-03	-2.26	0.0	0.0	0.0	0.0
1090	5	72.01	0.0	0.0	-4.53	0.0	-4.29e-03	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-4.29e-03	-2.26	0.0	0.0	0.0	0.0
1091	1	88.56	0.0	0.0	-5.72	0.0	1.47	2.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	1.47	-2.86	0.0	0.0	0.0	0.0
1091	2	68.12	0.0	0.0	-4.40	0.0	1.13	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	1.13	-2.20	0.0	0.0	0.0	0.0
1091	3	68.12	0.0	0.0	-4.40	0.0	1.17	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	1.17	-2.20	0.0	0.0	0.0	0.0
1091	4	68.12	0.0	0.0	-4.40	0.0	0.79	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	0.79	-2.20	0.0	0.0	0.0	0.0
1091	5	68.12	0.0	0.0	-4.40	0.0	0.79	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	0.79	-2.20	0.0	0.0	0.0	0.0
1092	1	88.56	0.0	0.0	-5.72	0.0	-1.46e-03	2.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-1.46e-03	-2.86	0.0	0.0	0.0	0.0
1092	2	68.12	0.0	0.0	-4.40	0.0	-1.54e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-1.54e-03	-2.20	0.0	0.0	0.0	0.0
1092	3	68.12	0.0	0.0	-4.40	0.0	-3.45e-03	2.20	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	123.8	-3.45e-03	-2.20	0.0	0.0	0.0	0.0
1092	4	68.12	0.0	0.0	-4.40	0.0	-4.37e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-4.37e-03	-2.20	0.0	0.0	0.0	0.0
1092	5	68.12	0.0	0.0	-4.40	0.0	-4.37e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-4.37e-03	-2.20	0.0	0.0	0.0	0.0
1093	1	116.73	0.0	0.0	-6.57	0.0	-3.56e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.56e-03	-3.29	0.0	0.0	0.0	0.0
1093	2	89.79	0.0	0.0	-5.05	0.0	-3.98e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.98e-03	-2.53	0.0	0.0	0.0	0.0
1093	3	89.79	0.0	0.0	-5.05	0.0	-3.60e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.60e-03	-2.53	0.0	0.0	0.0	0.0
1093	4	89.79	0.0	0.0	-5.05	0.0	-3.97e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.97e-03	-2.53	0.0	0.0	0.0	0.0
1093	5	89.79	0.0	0.0	-5.05	0.0	-3.97e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.97e-03	-2.53	0.0	0.0	0.0	0.0
1094	1	116.73	0.0	0.0	-6.57	0.0	7.34	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	7.34	-3.29	0.0	0.0	0.0	0.0
1094	2	89.79	0.0	0.0	-5.05	0.0	5.99	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	5.99	-2.53	0.0	0.0	0.0	0.0
1094	3	89.79	0.0	0.0	-5.05	0.0	5.57	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	5.57	-2.53	0.0	0.0	0.0	0.0
1094	4	89.79	0.0	0.0	-5.05	0.0	4.63	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	4.63	-2.53	0.0	0.0	0.0	0.0
1094	5	89.79	0.0	0.0	-5.05	0.0	4.63	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	4.63	-2.53	0.0	0.0	0.0	0.0
1095	1	116.73	0.0	0.0	-6.57	0.0	-3.92e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.92e-03	-3.29	0.0	0.0	0.0	0.0
1095	2	89.79	0.0	0.0	-5.05	0.0	-4.03e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-4.03e-03	-2.53	0.0	0.0	0.0	0.0
1095	3	89.79	0.0	0.0	-5.05	0.0	-3.39e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.39e-03	-2.53	0.0	0.0	0.0	0.0
1095	4	89.79	0.0	0.0	-5.05	0.0	-3.83e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.83e-03	-2.53	0.0	0.0	0.0	0.0
1095	5	89.79	0.0	0.0	-5.05	0.0	-3.83e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.83e-03	-2.53	0.0	0.0	0.0	0.0
1096	1	116.73	0.0	0.0	-6.57	0.0	15.42	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	15.42	-3.29	0.0	0.0	0.0	0.0
1096	2	89.79	0.0	0.0	-5.05	0.0	12.42	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	12.42	-2.53	0.0	0.0	0.0	0.0
1096	3	89.79	0.0	0.0	-5.05	0.0	11.56	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	11.56	-2.53	0.0	0.0	0.0	0.0
1096	4	89.79	0.0	0.0	-5.05	0.0	10.09	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	10.09	-2.53	0.0	0.0	0.0	0.0
1096	5	89.79	0.0	0.0	-5.05	0.0	10.09	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	10.09	-2.53	0.0	0.0	0.0	0.0
1097	1	88.56	0.0	0.0	-5.72	0.0	2.67	2.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	2.67	-2.86	0.0	0.0	0.0	0.0
1097	2	68.12	0.0	0.0	-4.40	0.0	2.15	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	2.15	-2.20	0.0	0.0	0.0	0.0
1097	3	68.12	0.0	0.0	-4.40	0.0	1.99	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	1.99	-2.20	0.0	0.0	0.0	0.0
1097	4	68.12	0.0	0.0	-4.40	0.0	1.83	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	1.83	-2.20	0.0	0.0	0.0	0.0
1097	5	68.12	0.0	0.0	-4.40	0.0	1.83	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	1.83	-2.20	0.0	0.0	0.0	0.0
1098	1	88.56	0.0	0.0	-5.72	0.0	-1.51e-03	2.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-1.51e-03	-2.86	0.0	0.0	0.0	0.0
1098	2	68.12	0.0	0.0	-4.40	0.0	-3.95e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-3.95e-03	-2.20	0.0	0.0	0.0	0.0
1098	3	68.12	0.0	0.0	-4.40	0.0	-1.26e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-1.26e-03	-2.20	0.0	0.0	0.0	0.0
1098	4	68.12	0.0	0.0	-4.40	0.0	-4.02e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-4.02e-03	-2.20	0.0	0.0	0.0	0.0
1098	5	68.12	0.0	0.0	-4.40	0.0	-4.02e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-4.02e-03	-2.20	0.0	0.0	0.0	0.0
1099	1	93.61	0.0	0.0	-5.88	0.0	1.06	2.94	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	1.06	-2.94	0.0	0.0	0.0	0.0
1099	2	72.01	0.0	0.0	-4.53	0.0	0.87	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	0.87	-2.26	0.0	0.0	0.0	0.0
1099	3	72.01	0.0	0.0	-4.53	0.0	0.82	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	0.82	-2.26	0.0	0.0	0.0	0.0
1099	4	72.01	0.0	0.0	-4.53	0.0	0.74	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	0.74	-2.26	0.0	0.0	0.0	0.0
1099	5	72.01	0.0	0.0	-4.53	0.0	0.74	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	0.74	-2.26	0.0	0.0	0.0	0.0
1100	1	93.61	0.0	0.0	-5.88	0.0	-3.94e-03	2.94	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-3.94e-03	-2.94	0.0	0.0	0.0	0.0

1100	2	72.01	0.0	0.0	-4.53	0.0	-3.98e-03	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-3.98e-03	-2.26	0.0	0.0	0.0	0.0
1100	3	72.01	0.0	0.0	-4.53	0.0	-2.38e-03	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-2.38e-03	-2.26	0.0	0.0	0.0	0.0
1100	4	72.01	0.0	0.0	-4.53	0.0	-4.20e-03	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-4.20e-03	-2.26	0.0	0.0	0.0	0.0
1100	5	72.01	0.0	0.0	-4.53	0.0	-4.20e-03	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-4.20e-03	-2.26	0.0	0.0	0.0	0.0
1101	1	88.56	0.0	0.0	-5.72	0.0	1.22	2.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	1.22	-2.86	0.0	0.0	0.0	0.0
1101	2	68.12	0.0	0.0	-4.40	0.0	1.01	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	1.01	-2.20	0.0	0.0	0.0	0.0
1101	3	68.12	0.0	0.0	-4.40	0.0	1.02	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	1.02	-2.20	0.0	0.0	0.0	0.0
1101	4	68.12	0.0	0.0	-4.40	0.0	0.72	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	0.72	-2.20	0.0	0.0	0.0	0.0
1101	5	68.12	0.0	0.0	-4.40	0.0	0.72	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	0.72	-2.20	0.0	0.0	0.0	0.0
1102	1	88.56	0.0	0.0	-5.72	0.0	-4.20e-03	2.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-4.20e-03	-2.86	0.0	0.0	0.0	0.0
1102	2	68.12	0.0	0.0	-4.40	0.0	-4.12e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-4.12e-03	-2.20	0.0	0.0	0.0	0.0
1102	3	68.12	0.0	0.0	-4.40	0.0	-3.91e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-3.91e-03	-2.20	0.0	0.0	0.0	0.0
1102	4	68.12	0.0	0.0	-4.40	0.0	-4.15e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-4.15e-03	-2.20	0.0	0.0	0.0	0.0
1102	5	68.12	0.0	0.0	-4.40	0.0	-4.15e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-4.15e-03	-2.20	0.0	0.0	0.0	0.0
1103	1	116.73	0.0	0.0	-6.57	0.0	-4.04e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-4.04e-03	-3.29	0.0	0.0	0.0	0.0
1103	2	89.79	0.0	0.0	-5.05	0.0	-4.01e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-4.01e-03	-2.53	0.0	0.0	0.0	0.0
1103	3	89.79	0.0	0.0	-5.05	0.0	-3.62e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.62e-03	-2.53	0.0	0.0	0.0	0.0
1103	4	89.79	0.0	0.0	-5.05	0.0	-3.67e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.67e-03	-2.53	0.0	0.0	0.0	0.0
1103	5	89.79	0.0	0.0	-5.05	0.0	-3.67e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.67e-03	-2.53	0.0	0.0	0.0	0.0
1104	1	116.73	0.0	0.0	-6.57	0.0	15.73	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	15.73	-3.29	0.0	0.0	0.0	0.0
1104	2	89.79	0.0	0.0	-5.05	0.0	12.69	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	12.69	-2.53	0.0	0.0	0.0	0.0
1104	3	89.79	0.0	0.0	-5.05	0.0	11.98	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	11.98	-2.53	0.0	0.0	0.0	0.0
1104	4	89.79	0.0	0.0	-5.05	0.0	10.39	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	10.39	-2.53	0.0	0.0	0.0	0.0
1104	5	89.79	0.0	0.0	-5.05	0.0	10.39	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	10.39	-2.53	0.0	0.0	0.0	0.0
1105	1	116.73	0.0	0.0	-6.57	0.0	-3.54e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.54e-03	-3.29	0.0	0.0	0.0	0.0
1105	2	89.79	0.0	0.0	-5.05	0.0	-3.74e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.74e-03	-2.53	0.0	0.0	0.0	0.0
1105	3	89.79	0.0	0.0	-5.05	0.0	-3.69e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.69e-03	-2.53	0.0	0.0	0.0	0.0
1105	4	89.79	0.0	0.0	-5.05	0.0	-3.74e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.74e-03	-2.53	0.0	0.0	0.0	0.0
1105	5	89.79	0.0	0.0	-5.05	0.0	-3.74e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.74e-03	-2.53	0.0	0.0	0.0	0.0
1106	1	116.73	0.0	0.0	-6.57	0.0	9.35	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	9.35	-3.29	0.0	0.0	0.0	0.0
1106	2	89.79	0.0	0.0	-5.05	0.0	7.63	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	7.63	-2.53	0.0	0.0	0.0	0.0
1106	3	89.79	0.0	0.0	-5.05	0.0	6.84	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	6.84	-2.53	0.0	0.0	0.0	0.0
1106	4	89.79	0.0	0.0	-5.05	0.0	5.69	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	5.69	-2.53	0.0	0.0	0.0	0.0
1106	5	89.79	0.0	0.0	-5.05	0.0	5.69	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	5.69	-2.53	0.0	0.0	0.0	0.0
1107	1	88.56	0.0	0.0	-5.72	0.0	2.70	2.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	2.70	-2.86	0.0	0.0	0.0	0.0
1107	2	68.12	0.0	0.0	-4.40	0.0	2.19	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	2.19	-2.20	0.0	0.0	0.0	0.0
1107	3	68.12	0.0	0.0	-4.40	0.0	1.98	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	1.98	-2.20	0.0	0.0	0.0	0.0
1107	4	68.12	0.0	0.0	-4.40	0.0	1.57	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	1.57	-2.20	0.0	0.0	0.0	0.0
1107	5	68.12	0.0	0.0	-4.40	0.0	1.57	2.20	0.0	0.0	0.0	0.0



		0.0	0.0	0.0	0.0	123.8	1.57	-2.20	0.0	0.0	0.0	0.0
1108	1	88.56	0.0	0.0	-5.72	0.0	-1.76e-03	2.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-1.76e-03	-2.86	0.0	0.0	0.0	0.0
1108	2	68.12	0.0	0.0	-4.40	0.0	-3.47e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-3.47e-03	-2.20	0.0	0.0	0.0	0.0
1108	3	68.12	0.0	0.0	-4.40	0.0	-1.80e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-1.80e-03	-2.20	0.0	0.0	0.0	0.0
1108	4	68.12	0.0	0.0	-4.40	0.0	-3.67e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-3.67e-03	-2.20	0.0	0.0	0.0	0.0
1108	5	68.12	0.0	0.0	-4.40	0.0	-3.67e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-3.67e-03	-2.20	0.0	0.0	0.0	0.0
1109	1	93.61	0.0	0.0	-5.88	0.0	3.22	2.94	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	3.22	-2.94	0.0	0.0	0.0	0.0
1109	2	72.01	0.0	0.0	-4.53	0.0	2.62	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	2.62	-2.26	0.0	0.0	0.0	0.0
1109	3	72.01	0.0	0.0	-4.53	0.0	2.42	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	2.42	-2.26	0.0	0.0	0.0	0.0
1109	4	72.01	0.0	0.0	-4.53	0.0	2.12	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	2.12	-2.26	0.0	0.0	0.0	0.0
1109	5	72.01	0.0	0.0	-4.53	0.0	2.12	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	2.12	-2.26	0.0	0.0	0.0	0.0
1110	1	93.61	0.0	0.0	-5.88	0.0	-3.80e-03	2.94	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-3.80e-03	-2.94	0.0	0.0	0.0	0.0
1110	2	72.01	0.0	0.0	-4.53	0.0	-3.54e-03	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-3.54e-03	-2.26	0.0	0.0	0.0	0.0
1110	3	72.01	0.0	0.0	-4.53	0.0	-3.54e-03	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-3.54e-03	-2.26	0.0	0.0	0.0	0.0
1110	4	72.01	0.0	0.0	-4.53	0.0	-3.59e-03	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-3.59e-03	-2.26	0.0	0.0	0.0	0.0
1110	5	72.01	0.0	0.0	-4.53	0.0	-3.59e-03	2.26	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	127.3	-3.59e-03	-2.26	0.0	0.0	0.0	0.0
1111	1	88.56	0.0	0.0	-5.72	0.0	4.63	2.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	4.63	-2.86	0.0	0.0	0.0	0.0
1111	2	68.12	0.0	0.0	-4.40	0.0	3.63	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	3.63	-2.20	0.0	0.0	0.0	0.0
1111	3	68.12	0.0	0.0	-4.40	0.0	3.52	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	3.52	-2.20	0.0	0.0	0.0	0.0
1111	4	68.12	0.0	0.0	-4.40	0.0	3.96	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	3.96	-2.20	0.0	0.0	0.0	0.0
1111	5	68.12	0.0	0.0	-4.40	0.0	3.96	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	3.96	-2.20	0.0	0.0	0.0	0.0
1112	1	88.56	0.0	0.0	-5.72	0.0	-1.54e-03	2.86	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-1.54e-03	-2.86	0.0	0.0	0.0	0.0
1112	2	68.12	0.0	0.0	-4.40	0.0	-3.72e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-3.72e-03	-2.20	0.0	0.0	0.0	0.0
1112	3	68.12	0.0	0.0	-4.40	0.0	-3.58e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-3.58e-03	-2.20	0.0	0.0	0.0	0.0
1112	4	68.12	0.0	0.0	-4.40	0.0	-3.70e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-3.70e-03	-2.20	0.0	0.0	0.0	0.0
1112	5	68.12	0.0	0.0	-4.40	0.0	-3.70e-03	2.20	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	123.8	-3.70e-03	-2.20	0.0	0.0	0.0	0.0
1113	1	116.73	0.0	0.0	-6.57	0.0	49.90	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	49.90	-3.29	0.0	0.0	0.0	0.0
1113	2	89.79	0.0	0.0	-5.05	0.0	40.26	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	40.26	-2.53	0.0	0.0	0.0	0.0
1113	3	89.79	0.0	0.0	-5.05	0.0	37.36	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	37.36	-2.53	0.0	0.0	0.0	0.0
1113	4	89.79	0.0	0.0	-5.05	0.0	31.87	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	31.87	-2.53	0.0	0.0	0.0	0.0
1113	5	89.79	0.0	0.0	-5.05	0.0	31.87	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	31.87	-2.53	0.0	0.0	0.0	0.0
1114	1	116.73	0.0	0.0	-6.57	0.0	-1.39e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-1.39e-03	-3.29	0.0	0.0	0.0	0.0
1114	2	89.79	0.0	0.0	-5.05	0.0	-3.23e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.23e-03	-2.53	0.0	0.0	0.0	0.0
1114	3	89.79	0.0	0.0	-5.05	0.0	-3.31e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.31e-03	-2.53	0.0	0.0	0.0	0.0
1114	4	89.79	0.0	0.0	-5.05	0.0	-2.67e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-2.67e-03	-2.53	0.0	0.0	0.0	0.0
1114	5	89.79	0.0	0.0	-5.05	0.0	-2.67e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-2.67e-03	-2.53	0.0	0.0	0.0	0.0
1115	1	116.73	0.0	0.0	-6.57	0.0	40.40	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	40.40	-3.29	0.0	0.0	0.0	0.0
1115	2	89.79	0.0	0.0	-5.05	0.0	32.78	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	32.78	-2.53	0.0	0.0	0.0	0.0
1115	3	89.79	0.0	0.0	-5.05	0.0	30.32	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	30.32	-2.53	0.0	0.0	0.0	0.0

1115	4	89.79	0.0	0.0	-5.05	0.0	25.42	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	25.42	-2.53	0.0	0.0	0.0	0.0
1115	5	89.79	0.0	0.0	-5.05	0.0	25.42	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	25.42	-2.53	0.0	0.0	0.0	0.0
1116	1	116.73	0.0	0.0	-6.57	0.0	-3.20e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.20e-03	-3.29	0.0	0.0	0.0	0.0
1116	2	89.79	0.0	0.0	-5.05	0.0	-3.03e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.03e-03	-2.53	0.0	0.0	0.0	0.0
1116	3	89.79	0.0	0.0	-5.05	0.0	-3.40e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.40e-03	-2.53	0.0	0.0	0.0	0.0
1116	4	89.79	0.0	0.0	-5.05	0.0	-3.28e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.28e-03	-2.53	0.0	0.0	0.0	0.0
1116	5	89.79	0.0	0.0	-5.05	0.0	-3.28e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.28e-03	-2.53	0.0	0.0	0.0	0.0
1117	1	116.73	0.0	0.0	-6.57	0.0	-3.55e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.55e-03	-3.29	0.0	0.0	0.0	0.0
1117	2	89.79	0.0	0.0	-5.05	0.0	-3.53e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.53e-03	-2.53	0.0	0.0	0.0	0.0
1117	3	89.79	0.0	0.0	-5.05	0.0	-3.39e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.39e-03	-2.53	0.0	0.0	0.0	0.0
1117	4	89.79	0.0	0.0	-5.05	0.0	-3.55e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.55e-03	-2.53	0.0	0.0	0.0	0.0
1117	5	89.79	0.0	0.0	-5.05	0.0	-3.55e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.55e-03	-2.53	0.0	0.0	0.0	0.0
1118	1	116.73	0.0	0.0	-6.57	0.0	0.07	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.07	-3.29	0.0	0.0	0.0	0.0
1118	2	89.79	0.0	0.0	-5.05	0.0	0.09	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.09	-2.53	0.0	0.0	0.0	0.0
1118	3	89.79	0.0	0.0	-5.05	0.0	0.11	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.11	-2.53	0.0	0.0	0.0	0.0
1118	4	89.79	0.0	0.0	-5.05	0.0	0.13	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.13	-2.53	0.0	0.0	0.0	0.0
1118	5	89.79	0.0	0.0	-5.05	0.0	0.13	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.13	-2.53	0.0	0.0	0.0	0.0
1119	1	116.73	0.0	0.0	-6.57	0.0	6.55	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	6.55	-3.29	0.0	0.0	0.0	0.0
1119	2	89.79	0.0	0.0	-5.05	0.0	5.24	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	5.24	-2.53	0.0	0.0	0.0	0.0
1119	3	89.79	0.0	0.0	-5.05	0.0	4.87	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	4.87	-2.53	0.0	0.0	0.0	0.0
1119	4	89.79	0.0	0.0	-5.05	0.0	4.08	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	4.08	-2.53	0.0	0.0	0.0	0.0
1119	5	89.79	0.0	0.0	-5.05	0.0	4.08	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	4.08	-2.53	0.0	0.0	0.0	0.0
1120	1	116.73	0.0	0.0	-6.57	0.0	-3.60e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.60e-03	-3.29	0.0	0.0	0.0	0.0
1120	2	89.79	0.0	0.0	-5.05	0.0	-3.54e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.54e-03	-2.53	0.0	0.0	0.0	0.0
1120	3	89.79	0.0	0.0	-5.05	0.0	-3.56e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.56e-03	-2.53	0.0	0.0	0.0	0.0
1120	4	89.79	0.0	0.0	-5.05	0.0	-3.56e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.56e-03	-2.53	0.0	0.0	0.0	0.0
1120	5	89.79	0.0	0.0	-5.05	0.0	-3.56e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.56e-03	-2.53	0.0	0.0	0.0	0.0
1121	1	116.73	0.0	0.0	-6.57	0.0	10.45	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	10.45	-3.29	0.0	0.0	0.0	0.0
1121	2	89.79	0.0	0.0	-5.05	0.0	8.40	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	8.40	-2.53	0.0	0.0	0.0	0.0
1121	3	89.79	0.0	0.0	-5.05	0.0	7.78	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	7.78	-2.53	0.0	0.0	0.0	0.0
1121	4	89.79	0.0	0.0	-5.05	0.0	6.60	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	6.60	-2.53	0.0	0.0	0.0	0.0
1121	5	89.79	0.0	0.0	-5.05	0.0	6.60	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	6.60	-2.53	0.0	0.0	0.0	0.0
1122	1	116.73	0.0	0.0	-6.57	0.0	-3.55e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.55e-03	-3.29	0.0	0.0	0.0	0.0
1122	2	89.79	0.0	0.0	-5.05	0.0	-3.52e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.52e-03	-2.53	0.0	0.0	0.0	0.0
1122	3	89.79	0.0	0.0	-5.05	0.0	-3.53e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.53e-03	-2.53	0.0	0.0	0.0	0.0
1122	4	89.79	0.0	0.0	-5.05	0.0	-3.54e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.54e-03	-2.53	0.0	0.0	0.0	0.0
1122	5	89.79	0.0	0.0	-5.05	0.0	-3.54e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.54e-03	-2.53	0.0	0.0	0.0	0.0
1123	1	116.73	0.0	0.0	-6.57	0.0	2.46	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.46	-3.29	0.0	0.0	0.0	0.0
1123	2	89.79	0.0	0.0	-5.05	0.0	2.02	2.53	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	142.1	2.02	-2.53	0.0	0.0	0.0	0.0
1123	3	89.79	0.0	0.0	-5.05	0.0	1.86	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.86	-2.53	0.0	0.0	0.0	0.0
1123	4	89.79	0.0	0.0	-5.05	0.0	1.48	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.48	-2.53	0.0	0.0	0.0	0.0
1123	5	89.79	0.0	0.0	-5.05	0.0	1.48	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.48	-2.53	0.0	0.0	0.0	0.0
1124	1	116.73	0.0	0.0	-6.57	0.0	6.82	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	6.82	-3.29	0.0	0.0	0.0	0.0
1124	2	89.79	0.0	0.0	-5.05	0.0	5.48	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	5.48	-2.53	0.0	0.0	0.0	0.0
1124	3	89.79	0.0	0.0	-5.05	0.0	5.22	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	5.22	-2.53	0.0	0.0	0.0	0.0
1124	4	89.79	0.0	0.0	-5.05	0.0	4.32	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	4.32	-2.53	0.0	0.0	0.0	0.0
1124	5	89.79	0.0	0.0	-5.05	0.0	4.32	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	4.32	-2.53	0.0	0.0	0.0	0.0
1125	1	116.73	0.0	0.0	-6.57	0.0	11.12	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	11.12	-3.29	0.0	0.0	0.0	0.0
1125	2	89.79	0.0	0.0	-5.05	0.0	8.99	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	8.99	-2.53	0.0	0.0	0.0	0.0
1125	3	89.79	0.0	0.0	-5.05	0.0	8.17	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	8.17	-2.53	0.0	0.0	0.0	0.0
1125	4	89.79	0.0	0.0	-5.05	0.0	7.06	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	7.06	-2.53	0.0	0.0	0.0	0.0
1125	5	89.79	0.0	0.0	-5.05	0.0	7.06	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	7.06	-2.53	0.0	0.0	0.0	0.0
1126	1	116.73	0.0	0.0	-6.57	0.0	17.90	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	17.90	-3.29	0.0	0.0	0.0	0.0
1126	2	89.79	0.0	0.0	-5.05	0.0	14.37	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	14.37	-2.53	0.0	0.0	0.0	0.0
1126	3	89.79	0.0	0.0	-5.05	0.0	13.55	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	13.55	-2.53	0.0	0.0	0.0	0.0
1126	4	89.79	0.0	0.0	-5.05	0.0	11.72	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	11.72	-2.53	0.0	0.0	0.0	0.0
1126	5	89.79	0.0	0.0	-5.05	0.0	11.72	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	11.72	-2.53	0.0	0.0	0.0	0.0
1127	1	116.73	0.0	0.0	-6.57	0.0	16.75	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	16.75	-3.29	0.0	0.0	0.0	0.0
1127	2	89.79	0.0	0.0	-5.05	0.0	13.57	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	13.57	-2.53	0.0	0.0	0.0	0.0
1127	3	89.79	0.0	0.0	-5.05	0.0	12.33	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	12.33	-2.53	0.0	0.0	0.0	0.0
1127	4	89.79	0.0	0.0	-5.05	0.0	10.54	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	10.54	-2.53	0.0	0.0	0.0	0.0
1127	5	89.79	0.0	0.0	-5.05	0.0	10.54	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	10.54	-2.53	0.0	0.0	0.0	0.0
1128	1	116.73	0.0	0.0	-6.57	0.0	25.04	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	25.04	-3.29	0.0	0.0	0.0	0.0
1128	2	89.79	0.0	0.0	-5.05	0.0	20.11	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	20.11	-2.53	0.0	0.0	0.0	0.0
1128	3	89.79	0.0	0.0	-5.05	0.0	18.72	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	18.72	-2.53	0.0	0.0	0.0	0.0
1128	4	89.79	0.0	0.0	-5.05	0.0	16.23	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	16.23	-2.53	0.0	0.0	0.0	0.0
1128	5	89.79	0.0	0.0	-5.05	0.0	16.23	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	16.23	-2.53	0.0	0.0	0.0	0.0
1129	1	116.73	0.0	0.0	-6.57	0.0	-3.51e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.51e-03	-3.29	0.0	0.0	0.0	0.0
1129	2	89.79	0.0	0.0	-5.05	0.0	-3.51e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.51e-03	-2.53	0.0	0.0	0.0	0.0
1129	3	89.79	0.0	0.0	-5.05	0.0	-3.50e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.50e-03	-2.53	0.0	0.0	0.0	0.0
1129	4	89.79	0.0	0.0	-5.05	0.0	-3.52e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.52e-03	-2.53	0.0	0.0	0.0	0.0
1129	5	89.79	0.0	0.0	-5.05	0.0	-3.52e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.52e-03	-2.53	0.0	0.0	0.0	0.0
1130	1	116.73	0.0	0.0	-6.57	0.0	6.86	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	6.86	-3.29	0.0	0.0	0.0	0.0
1130	2	89.79	0.0	0.0	-5.05	0.0	5.62	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	5.62	-2.53	0.0	0.0	0.0	0.0
1130	3	89.79	0.0	0.0	-5.05	0.0	5.15	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	5.15	-2.53	0.0	0.0	0.0	0.0
1130	4	89.79	0.0	0.0	-5.05	0.0	4.23	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	4.23	-2.53	0.0	0.0	0.0	0.0
1130	5	89.79	0.0	0.0	-5.05	0.0	4.23	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	4.23	-2.53	0.0	0.0	0.0	0.0

1131	1	116.73	0.0	0.0	-6.57	0.0	-3.14e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.14e-03	-3.29	0.0	0.0	0.0	0.0
1131	2	89.79	0.0	0.0	-5.05	0.0	-3.62e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.62e-03	-2.53	0.0	0.0	0.0	0.0
1131	3	89.79	0.0	0.0	-5.05	0.0	-3.46e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.46e-03	-2.53	0.0	0.0	0.0	0.0
1131	4	89.79	0.0	0.0	-5.05	0.0	0.16	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.16	-2.53	0.0	0.0	0.0	0.0
1131	5	89.79	0.0	0.0	-5.05	0.0	0.16	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.16	-2.53	0.0	0.0	0.0	0.0
1132	1	116.73	0.0	0.0	-6.57	0.0	0.12	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.12	-3.29	0.0	0.0	0.0	0.0
1132	2	89.79	0.0	0.0	-5.05	0.0	0.15	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.15	-2.53	0.0	0.0	0.0	0.0
1132	3	89.79	0.0	0.0	-5.05	0.0	0.05	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.05	-2.53	0.0	0.0	0.0	0.0
1132	4	89.79	0.0	0.0	-5.05	0.0	4.95e-04	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	4.95e-04	-2.53	0.0	0.0	0.0	0.0
1132	5	89.79	0.0	0.0	-5.05	0.0	4.95e-04	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	4.95e-04	-2.53	0.0	0.0	0.0	0.0
1133	1	116.73	0.0	0.0	-6.57	0.0	14.92	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	14.92	-3.29	0.0	0.0	0.0	0.0
1133	2	89.79	0.0	0.0	-5.05	0.0	11.94	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	11.94	-2.53	0.0	0.0	0.0	0.0
1133	3	89.79	0.0	0.0	-5.05	0.0	11.34	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	11.34	-2.53	0.0	0.0	0.0	0.0
1133	4	89.79	0.0	0.0	-5.05	0.0	10.10	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	10.10	-2.53	0.0	0.0	0.0	0.0
1133	5	89.79	0.0	0.0	-5.05	0.0	10.10	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	10.10	-2.53	0.0	0.0	0.0	0.0
1134	1	116.73	0.0	0.0	-6.57	0.0	0.46	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.46	-3.29	0.0	0.0	0.0	0.0
1134	2	89.79	0.0	0.0	-5.05	0.0	0.38	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.38	-2.53	0.0	0.0	0.0	0.0
1134	3	89.79	0.0	0.0	-5.05	0.0	0.35	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.35	-2.53	0.0	0.0	0.0	0.0
1134	4	89.79	0.0	0.0	-5.05	0.0	0.43	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.43	-2.53	0.0	0.0	0.0	0.0
1134	5	89.79	0.0	0.0	-5.05	0.0	0.43	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.43	-2.53	0.0	0.0	0.0	0.0
1135	1	116.73	0.0	0.0	-6.57	0.0	2.00	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.00	-3.29	0.0	0.0	0.0	0.0
1135	2	89.79	0.0	0.0	-5.05	0.0	1.52	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.52	-2.53	0.0	0.0	0.0	0.0
1135	3	89.79	0.0	0.0	-5.05	0.0	1.56	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.56	-2.53	0.0	0.0	0.0	0.0
1135	4	89.79	0.0	0.0	-5.05	0.0	1.56	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.56	-2.53	0.0	0.0	0.0	0.0
1135	5	89.79	0.0	0.0	-5.05	0.0	1.56	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.56	-2.53	0.0	0.0	0.0	0.0
1136	1	116.73	0.0	0.0	-6.57	0.0	0.03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.03	-3.29	0.0	0.0	0.0	0.0
1136	2	89.79	0.0	0.0	-5.05	0.0	0.01	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.01	-2.53	0.0	0.0	0.0	0.0
1136	3	89.79	0.0	0.0	-5.05	0.0	5.98e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	5.98e-03	-2.53	0.0	0.0	0.0	0.0
1136	4	89.79	0.0	0.0	-5.05	0.0	9.54e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	9.54e-03	-2.53	0.0	0.0	0.0	0.0
1136	5	89.79	0.0	0.0	-5.05	0.0	9.54e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	9.54e-03	-2.53	0.0	0.0	0.0	0.0
1137	1	116.73	0.0	0.0	-6.57	0.0	-3.12e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.12e-03	-3.29	0.0	0.0	0.0	0.0
1137	2	89.79	0.0	0.0	-5.05	0.0	-3.32e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.32e-03	-2.53	0.0	0.0	0.0	0.0
1137	3	89.79	0.0	0.0	-5.05	0.0	-3.22e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.22e-03	-2.53	0.0	0.0	0.0	0.0
1137	4	89.79	0.0	0.0	-5.05	0.0	-3.37e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.37e-03	-2.53	0.0	0.0	0.0	0.0
1137	5	89.79	0.0	0.0	-5.05	0.0	-3.37e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.37e-03	-2.53	0.0	0.0	0.0	0.0
1138	1	116.73	0.0	0.0	-6.57	0.0	51.01	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	51.01	-3.29	0.0	0.0	0.0	0.0
1138	2	89.79	0.0	0.0	-5.05	0.0	41.33	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	41.33	-2.53	0.0	0.0	0.0	0.0
1138	3	89.79	0.0	0.0	-5.05	0.0	38.21	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	38.21	-2.53	0.0	0.0	0.0	0.0
1138	4	89.79	0.0	0.0	-5.05	0.0	32.22	2.53	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	142.1	32.22	-2.53	0.0	0.0	0.0	0.0
1138	5	89.79	0.0	0.0	-5.05	0.0	32.22	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	32.22	-2.53	0.0	0.0	0.0	0.0
1139	1	116.73	0.0	0.0	-6.57	0.0	-3.22e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.22e-03	-3.29	0.0	0.0	0.0	0.0
1139	2	89.79	0.0	0.0	-5.05	0.0	-3.22e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.22e-03	-2.53	0.0	0.0	0.0	0.0
1139	3	89.79	0.0	0.0	-5.05	0.0	-3.31e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.31e-03	-2.53	0.0	0.0	0.0	0.0
1139	4	89.79	0.0	0.0	-5.05	0.0	-3.34e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.34e-03	-2.53	0.0	0.0	0.0	0.0
1139	5	89.79	0.0	0.0	-5.05	0.0	-3.34e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.34e-03	-2.53	0.0	0.0	0.0	0.0
1140	1	116.73	0.0	0.0	-6.57	0.0	38.31	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	38.31	-3.29	0.0	0.0	0.0	0.0
1140	2	89.79	0.0	0.0	-5.05	0.0	31.10	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	31.10	-2.53	0.0	0.0	0.0	0.0
1140	3	89.79	0.0	0.0	-5.05	0.0	28.77	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	28.77	-2.53	0.0	0.0	0.0	0.0
1140	4	89.79	0.0	0.0	-5.05	0.0	24.09	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	24.09	-2.53	0.0	0.0	0.0	0.0
1140	5	89.79	0.0	0.0	-5.05	0.0	24.09	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	24.09	-2.53	0.0	0.0	0.0	0.0
1141	1	116.73	0.0	0.0	-6.57	0.0	0.09	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.09	-3.29	0.0	0.0	0.0	0.0
1141	2	89.79	0.0	0.0	-5.05	0.0	0.01	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.01	-2.53	0.0	0.0	0.0	0.0
1141	3	89.79	0.0	0.0	-5.05	0.0	-2.56e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-2.56e-03	-2.53	0.0	0.0	0.0	0.0
1141	4	89.79	0.0	0.0	-5.05	0.0	-3.60e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.60e-03	-2.53	0.0	0.0	0.0	0.0
1141	5	89.79	0.0	0.0	-5.05	0.0	-3.60e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.60e-03	-2.53	0.0	0.0	0.0	0.0
1142	1	116.73	0.0	0.0	-6.57	0.0	-3.40e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.40e-03	-3.29	0.0	0.0	0.0	0.0
1142	2	89.79	0.0	0.0	-5.05	0.0	-3.48e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.48e-03	-2.53	0.0	0.0	0.0	0.0
1142	3	89.79	0.0	0.0	-5.05	0.0	-3.39e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.39e-03	-2.53	0.0	0.0	0.0	0.0
1142	4	89.79	0.0	0.0	-5.05	0.0	7.48e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	7.48e-03	-2.53	0.0	0.0	0.0	0.0
1142	5	89.79	0.0	0.0	-5.05	0.0	7.48e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	7.48e-03	-2.53	0.0	0.0	0.0	0.0
1143	1	116.73	0.0	0.0	-6.57	0.0	-3.51e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.51e-03	-3.29	0.0	0.0	0.0	0.0
1143	2	89.79	0.0	0.0	-5.05	0.0	-3.54e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.54e-03	-2.53	0.0	0.0	0.0	0.0
1143	3	89.79	0.0	0.0	-5.05	0.0	-3.39e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.39e-03	-2.53	0.0	0.0	0.0	0.0
1143	4	89.79	0.0	0.0	-5.05	0.0	-3.58e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.58e-03	-2.53	0.0	0.0	0.0	0.0
1143	5	89.79	0.0	0.0	-5.05	0.0	-3.58e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.58e-03	-2.53	0.0	0.0	0.0	0.0
1144	1	116.73	0.0	0.0	-6.57	0.0	6.29	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	6.29	-3.29	0.0	0.0	0.0	0.0
1144	2	89.79	0.0	0.0	-5.05	0.0	5.12	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	5.12	-2.53	0.0	0.0	0.0	0.0
1144	3	89.79	0.0	0.0	-5.05	0.0	4.81	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	4.81	-2.53	0.0	0.0	0.0	0.0
1144	4	89.79	0.0	0.0	-5.05	0.0	4.02	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	4.02	-2.53	0.0	0.0	0.0	0.0
1144	5	89.79	0.0	0.0	-5.05	0.0	4.02	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	4.02	-2.53	0.0	0.0	0.0	0.0
1145	1	116.73	0.0	0.0	-6.57	0.0	-3.41e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.41e-03	-3.29	0.0	0.0	0.0	0.0
1145	2	89.79	0.0	0.0	-5.05	0.0	-3.49e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.49e-03	-2.53	0.0	0.0	0.0	0.0
1145	3	89.79	0.0	0.0	-5.05	0.0	-3.50e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.50e-03	-2.53	0.0	0.0	0.0	0.0
1145	4	89.79	0.0	0.0	-5.05	0.0	-3.52e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.52e-03	-2.53	0.0	0.0	0.0	0.0
1145	5	89.79	0.0	0.0	-5.05	0.0	-3.52e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.52e-03	-2.53	0.0	0.0	0.0	0.0
1146	1	116.73	0.0	0.0	-6.57	0.0	10.10	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	10.10	-3.29	0.0	0.0	0.0	0.0
1146	2	89.79	0.0	0.0	-5.05	0.0	8.21	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	8.21	-2.53	0.0	0.0	0.0	0.0

1146	3	89.79	0.0	0.0	-5.05	0.0	7.64	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	7.64	-2.53	0.0	0.0	0.0	0.0
1146	4	89.79	0.0	0.0	-5.05	0.0	6.41	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	6.41	-2.53	0.0	0.0	0.0	0.0
1146	5	89.79	0.0	0.0	-5.05	0.0	6.41	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	6.41	-2.53	0.0	0.0	0.0	0.0
1147	1	116.73	0.0	0.0	-6.57	0.0	9.15	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	9.15	-3.29	0.0	0.0	0.0	0.0
1147	2	89.79	0.0	0.0	-5.05	0.0	7.42	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	7.42	-2.53	0.0	0.0	0.0	0.0
1147	3	89.79	0.0	0.0	-5.05	0.0	6.85	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	6.85	-2.53	0.0	0.0	0.0	0.0
1147	4	89.79	0.0	0.0	-5.05	0.0	5.94	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	5.94	-2.53	0.0	0.0	0.0	0.0
1147	5	89.79	0.0	0.0	-5.05	0.0	5.94	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	5.94	-2.53	0.0	0.0	0.0	0.0
1148	1	116.73	0.0	0.0	-6.57	0.0	15.39	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	15.39	-3.29	0.0	0.0	0.0	0.0
1148	2	89.79	0.0	0.0	-5.05	0.0	12.36	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	12.36	-2.53	0.0	0.0	0.0	0.0
1148	3	89.79	0.0	0.0	-5.05	0.0	11.49	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	11.49	-2.53	0.0	0.0	0.0	0.0
1148	4	89.79	0.0	0.0	-5.05	0.0	10.07	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	10.07	-2.53	0.0	0.0	0.0	0.0
1148	5	89.79	0.0	0.0	-5.05	0.0	10.07	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	10.07	-2.53	0.0	0.0	0.0	0.0
1149	1	116.73	0.0	0.0	-6.57	0.0	4.42	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	4.42	-3.29	0.0	0.0	0.0	0.0
1149	2	89.79	0.0	0.0	-5.05	0.0	3.60	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	3.60	-2.53	0.0	0.0	0.0	0.0
1149	3	89.79	0.0	0.0	-5.05	0.0	3.38	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	3.38	-2.53	0.0	0.0	0.0	0.0
1149	4	89.79	0.0	0.0	-5.05	0.0	2.81	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.81	-2.53	0.0	0.0	0.0	0.0
1149	5	89.79	0.0	0.0	-5.05	0.0	2.81	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.81	-2.53	0.0	0.0	0.0	0.0
1150	1	116.73	0.0	0.0	-6.57	0.0	11.34	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	11.34	-3.29	0.0	0.0	0.0	0.0
1150	2	89.79	0.0	0.0	-5.05	0.0	9.11	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	9.11	-2.53	0.0	0.0	0.0	0.0
1150	3	89.79	0.0	0.0	-5.05	0.0	8.32	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	8.32	-2.53	0.0	0.0	0.0	0.0
1150	4	89.79	0.0	0.0	-5.05	0.0	7.06	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	7.06	-2.53	0.0	0.0	0.0	0.0
1150	5	89.79	0.0	0.0	-5.05	0.0	7.06	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	7.06	-2.53	0.0	0.0	0.0	0.0
1151	1	116.73	0.0	0.0	-6.57	0.0	0.04	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.04	-3.29	0.0	0.0	0.0	0.0
1151	2	89.79	0.0	0.0	-5.05	0.0	0.02	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.02	-2.53	0.0	0.0	0.0	0.0
1151	3	89.79	0.0	0.0	-5.05	0.0	0.01	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.01	-2.53	0.0	0.0	0.0	0.0
1151	4	89.79	0.0	0.0	-5.05	0.0	6.51e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	6.51e-03	-2.53	0.0	0.0	0.0	0.0
1151	5	89.79	0.0	0.0	-5.05	0.0	6.51e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	6.51e-03	-2.53	0.0	0.0	0.0	0.0
1152	1	116.73	0.0	0.0	-6.57	0.0	9.88	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	9.88	-3.29	0.0	0.0	0.0	0.0
1152	2	89.79	0.0	0.0	-5.05	0.0	7.95	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	7.95	-2.53	0.0	0.0	0.0	0.0
1152	3	89.79	0.0	0.0	-5.05	0.0	7.25	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	7.25	-2.53	0.0	0.0	0.0	0.0
1152	4	89.79	0.0	0.0	-5.05	0.0	6.06	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	6.06	-2.53	0.0	0.0	0.0	0.0
1152	5	89.79	0.0	0.0	-5.05	0.0	6.06	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	6.06	-2.53	0.0	0.0	0.0	0.0
1153	1	116.73	0.0	0.0	-6.57	0.0	6.44	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	6.44	-3.29	0.0	0.0	0.0	0.0
1153	2	89.79	0.0	0.0	-5.05	0.0	5.13	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	5.13	-2.53	0.0	0.0	0.0	0.0
1153	3	89.79	0.0	0.0	-5.05	0.0	4.69	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	4.69	-2.53	0.0	0.0	0.0	0.0
1153	4	89.79	0.0	0.0	-5.05	0.0	3.88	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	3.88	-2.53	0.0	0.0	0.0	0.0
1153	5	89.79	0.0	0.0	-5.05	0.0	3.88	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	3.88	-2.53	0.0	0.0	0.0	0.0
1154	1	116.73	0.0	0.0	-6.57	0.0	1.47	3.29	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	142.1	1.47	-3.29	0.0	0.0	0.0	0.0
1154	2	89.79	0.0	0.0	-5.05	0.0	1.10	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.10	-2.53	0.0	0.0	0.0	0.0
1154	3	89.79	0.0	0.0	-5.05	0.0	1.03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.03	-2.53	0.0	0.0	0.0	0.0
1154	4	89.79	0.0	0.0	-5.05	0.0	0.74	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.74	-2.53	0.0	0.0	0.0	0.0
1154	5	89.79	0.0	0.0	-5.05	0.0	0.74	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	0.74	-2.53	0.0	0.0	0.0	0.0
1155	1	116.73	0.0	0.0	-6.57	0.0	16.74	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	16.74	-3.29	0.0	0.0	0.0	0.0
1155	2	89.79	0.0	0.0	-5.05	0.0	13.48	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	13.48	-2.53	0.0	0.0	0.0	0.0
1155	3	89.79	0.0	0.0	-5.05	0.0	12.50	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	12.50	-2.53	0.0	0.0	0.0	0.0
1155	4	89.79	0.0	0.0	-5.05	0.0	10.59	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	10.59	-2.53	0.0	0.0	0.0	0.0
1155	5	89.79	0.0	0.0	-5.05	0.0	10.59	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	10.59	-2.53	0.0	0.0	0.0	0.0
1156	1	116.73	0.0	0.0	-6.57	0.0	2.31	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	2.31	-3.29	0.0	0.0	0.0	0.0
1156	2	89.79	0.0	0.0	-5.05	0.0	1.86	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.86	-2.53	0.0	0.0	0.0	0.0
1156	3	89.79	0.0	0.0	-5.05	0.0	1.73	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.73	-2.53	0.0	0.0	0.0	0.0
1156	4	89.79	0.0	0.0	-5.05	0.0	1.32	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.32	-2.53	0.0	0.0	0.0	0.0
1156	5	89.79	0.0	0.0	-5.05	0.0	1.32	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	1.32	-2.53	0.0	0.0	0.0	0.0
1157	1	116.73	0.0	0.0	-6.57	0.0	22.85	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	22.85	-3.29	0.0	0.0	0.0	0.0
1157	2	89.79	0.0	0.0	-5.05	0.0	18.35	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	18.35	-2.53	0.0	0.0	0.0	0.0
1157	3	89.79	0.0	0.0	-5.05	0.0	17.25	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	17.25	-2.53	0.0	0.0	0.0	0.0
1157	4	89.79	0.0	0.0	-5.05	0.0	15.16	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	15.16	-2.53	0.0	0.0	0.0	0.0
1157	5	89.79	0.0	0.0	-5.05	0.0	15.16	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	15.16	-2.53	0.0	0.0	0.0	0.0
1158	1	116.73	0.0	0.0	-6.57	0.0	7.78	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	7.78	-3.29	0.0	0.0	0.0	0.0
1158	2	89.79	0.0	0.0	-5.05	0.0	6.16	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	6.16	-2.53	0.0	0.0	0.0	0.0
1158	3	89.79	0.0	0.0	-5.05	0.0	6.03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	6.03	-2.53	0.0	0.0	0.0	0.0
1158	4	89.79	0.0	0.0	-5.05	0.0	5.49	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	5.49	-2.53	0.0	0.0	0.0	0.0
1158	5	89.79	0.0	0.0	-5.05	0.0	5.49	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	5.49	-2.53	0.0	0.0	0.0	0.0
1159	1	116.73	0.0	0.0	-6.57	0.0	49.68	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	49.68	-3.29	0.0	0.0	0.0	0.0
1159	2	89.79	0.0	0.0	-5.05	0.0	39.99	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	39.99	-2.53	0.0	0.0	0.0	0.0
1159	3	89.79	0.0	0.0	-5.05	0.0	37.39	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	37.39	-2.53	0.0	0.0	0.0	0.0
1159	4	89.79	0.0	0.0	-5.05	0.0	32.38	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	32.38	-2.53	0.0	0.0	0.0	0.0
1159	5	89.79	0.0	0.0	-5.05	0.0	32.38	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	32.38	-2.53	0.0	0.0	0.0	0.0
1160	1	116.73	0.0	0.0	-6.57	0.0	13.77	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	13.77	-3.29	0.0	0.0	0.0	0.0
1160	2	89.79	0.0	0.0	-5.05	0.0	11.02	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	11.02	-2.53	0.0	0.0	0.0	0.0
1160	3	89.79	0.0	0.0	-5.05	0.0	10.44	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	10.44	-2.53	0.0	0.0	0.0	0.0
1160	4	89.79	0.0	0.0	-5.05	0.0	9.13	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	9.13	-2.53	0.0	0.0	0.0	0.0
1160	5	89.79	0.0	0.0	-5.05	0.0	9.13	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	9.13	-2.53	0.0	0.0	0.0	0.0
1161	1	116.73	0.0	0.0	-6.57	0.0	73.04	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	73.04	-3.29	0.0	0.0	0.0	0.0
1161	2	89.79	0.0	0.0	-5.05	0.0	59.09	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	59.09	-2.53	0.0	0.0	0.0	0.0
1161	3	89.79	0.0	0.0	-5.05	0.0	54.75	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	54.75	-2.53	0.0	0.0	0.0	0.0
1161	4	89.79	0.0	0.0	-5.05	0.0	46.44	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	46.44	-2.53	0.0	0.0	0.0	0.0

1161	5	89.79	0.0	0.0	-5.05	0.0	46.44	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	46.44	-2.53	0.0	0.0	0.0	0.0
1162	1	116.73	0.0	0.0	-6.57	0.0	-1.33e-03	3.29	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-1.33e-03	-3.29	0.0	0.0	0.0	0.0
1162	2	89.79	0.0	0.0	-5.05	0.0	-3.27e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.27e-03	-2.53	0.0	0.0	0.0	0.0
1162	3	89.79	0.0	0.0	-5.05	0.0	-3.34e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.34e-03	-2.53	0.0	0.0	0.0	0.0
1162	4	89.79	0.0	0.0	-5.05	0.0	-3.38e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.38e-03	-2.53	0.0	0.0	0.0	0.0
1162	5	89.79	0.0	0.0	-5.05	0.0	-3.38e-03	2.53	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	142.1	-3.38e-03	-2.53	0.0	0.0	0.0	0.0
1163	1	22.08	0.0	0.0	-2.08	0.0	701.59	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	698.26	-1.04	0.0	0.0	0.0	0.0
1163	2	16.98	0.0	0.0	-1.60	0.0	568.82	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	566.26	-0.80	0.0	0.0	0.0	0.0
1163	3	16.98	0.0	0.0	-1.60	0.0	526.79	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	524.23	-0.80	0.0	0.0	0.0	0.0
1163	4	16.98	0.0	0.0	-1.60	0.0	442.58	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	440.02	-0.80	0.0	0.0	0.0	0.0
1163	5	16.98	0.0	0.0	-1.60	0.0	442.58	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	440.02	-0.80	0.0	0.0	0.0	0.0
1164	1	22.08	0.0	0.0	-2.08	0.0	353.07	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	356.40	-1.04	0.0	0.0	0.0	0.0
1164	2	16.98	0.0	0.0	-1.60	0.0	287.36	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	289.92	-0.80	0.0	0.0	0.0	0.0
1164	3	16.98	0.0	0.0	-1.60	0.0	264.53	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	267.09	-0.80	0.0	0.0	0.0	0.0
1164	4	16.98	0.0	0.0	-1.60	0.0	219.02	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	221.58	-0.80	0.0	0.0	0.0	0.0
1164	5	16.98	0.0	0.0	-1.60	0.0	219.02	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	221.58	-0.80	0.0	0.0	0.0	0.0
1165	1	22.08	0.0	0.0	-2.08	0.0	504.88	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	501.55	-1.04	0.0	0.0	0.0	0.0
1165	2	16.98	0.0	0.0	-1.60	0.0	409.79	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	407.23	-0.80	0.0	0.0	0.0	0.0
1165	3	16.98	0.0	0.0	-1.60	0.0	378.91	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	376.35	-0.80	0.0	0.0	0.0	0.0
1165	4	16.98	0.0	0.0	-1.60	0.0	317.01	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	314.45	-0.80	0.0	0.0	0.0	0.0
1165	5	16.98	0.0	0.0	-1.60	0.0	317.01	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	314.45	-0.80	0.0	0.0	0.0	0.0
1166	1	22.08	0.0	0.0	-2.08	0.0	567.11	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	570.44	-1.04	0.0	0.0	0.0	0.0
1166	2	16.98	0.0	0.0	-1.60	0.0	460.47	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	463.03	-0.80	0.0	0.0	0.0	0.0
1166	3	16.98	0.0	0.0	-1.60	0.0	425.40	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	427.96	-0.80	0.0	0.0	0.0	0.0
1166	4	16.98	0.0	0.0	-1.60	0.0	355.41	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	357.97	-0.80	0.0	0.0	0.0	0.0
1166	5	16.98	0.0	0.0	-1.60	0.0	355.41	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	357.97	-0.80	0.0	0.0	0.0	0.0
1167	1	22.08	0.0	0.0	-2.08	0.0	406.12	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	402.79	-1.04	0.0	0.0	0.0	0.0
1167	2	16.98	0.0	0.0	-1.60	0.0	330.22	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	327.66	-0.80	0.0	0.0	0.0	0.0
1167	3	16.98	0.0	0.0	-1.60	0.0	304.41	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	301.85	-0.80	0.0	0.0	0.0	0.0
1167	4	16.98	0.0	0.0	-1.60	0.0	253.01	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	250.45	-0.80	0.0	0.0	0.0	0.0
1167	5	16.98	0.0	0.0	-1.60	0.0	253.01	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	250.45	-0.80	0.0	0.0	0.0	0.0
1168	1	22.08	0.0	0.0	-2.08	0.0	665.59	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	668.92	-1.04	0.0	0.0	0.0	0.0
1168	2	16.98	0.0	0.0	-1.60	0.0	539.82	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	542.38	-0.80	0.0	0.0	0.0	0.0
1168	3	16.98	0.0	0.0	-1.60	0.0	499.69	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	502.26	-0.80	0.0	0.0	0.0	0.0
1168	4	16.98	0.0	0.0	-1.60	0.0	419.23	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	421.79	-0.80	0.0	0.0	0.0	0.0
1168	5	16.98	0.0	0.0	-1.60	0.0	419.23	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	421.79	-0.80	0.0	0.0	0.0	0.0
1169	1	22.08	0.0	0.0	-2.08	0.0	445.35	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	442.02	-1.04	0.0	0.0	0.0	0.0
1169	2	16.98	0.0	0.0	-1.60	0.0	361.65	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	359.09	-0.80	0.0	0.0	0.0	0.0
1169	3	16.98	0.0	0.0	-1.60	0.0	334.06	0.80	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	84.9	331.50	-0.80	0.0	0.0	0.0	0.0
1169	4	16.98	0.0	0.0	-1.60	0.0	278.93	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	276.37	-0.80	0.0	0.0	0.0	0.0
1169	5	16.98	0.0	0.0	-1.60	0.0	278.93	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	276.37	-0.80	0.0	0.0	0.0	0.0
1170	1	22.08	0.0	0.0	-2.08	0.0	625.89	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	629.22	-1.04	0.0	0.0	0.0	0.0
1170	2	16.98	0.0	0.0	-1.60	0.0	508.01	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	510.57	-0.80	0.0	0.0	0.0	0.0
1170	3	16.98	0.0	0.0	-1.60	0.0	469.69	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	472.25	-0.80	0.0	0.0	0.0	0.0
1170	4	16.98	0.0	0.0	-1.60	0.0	392.99	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	395.55	-0.80	0.0	0.0	0.0	0.0
1170	5	16.98	0.0	0.0	-1.60	0.0	392.99	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	395.55	-0.80	0.0	0.0	0.0	0.0
1171	1	22.08	0.0	0.0	-2.08	0.0	501.61	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	498.28	-1.04	0.0	0.0	0.0	0.0
1171	2	16.98	0.0	0.0	-1.60	0.0	406.95	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	404.39	-0.80	0.0	0.0	0.0	0.0
1171	3	16.98	0.0	0.0	-1.60	0.0	376.52	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	373.96	-0.80	0.0	0.0	0.0	0.0
1171	4	16.98	0.0	0.0	-1.60	0.0	315.57	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	313.01	-0.80	0.0	0.0	0.0	0.0
1171	5	16.98	0.0	0.0	-1.60	0.0	315.57	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	313.01	-0.80	0.0	0.0	0.0	0.0
1172	1	22.08	0.0	0.0	-2.08	0.0	569.97	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	573.30	-1.04	0.0	0.0	0.0	0.0
1172	2	16.98	0.0	0.0	-1.60	0.0	462.99	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	465.55	-0.80	0.0	0.0	0.0	0.0
1172	3	16.98	0.0	0.0	-1.60	0.0	427.49	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	430.05	-0.80	0.0	0.0	0.0	0.0
1172	4	16.98	0.0	0.0	-1.60	0.0	356.58	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	359.14	-0.80	0.0	0.0	0.0	0.0
1172	5	16.98	0.0	0.0	-1.60	0.0	356.58	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	359.14	-0.80	0.0	0.0	0.0	0.0
1173	1	22.08	0.0	0.0	-2.08	0.0	485.21	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	481.88	-1.04	0.0	0.0	0.0	0.0
1173	2	16.98	0.0	0.0	-1.60	0.0	393.94	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	391.38	-0.80	0.0	0.0	0.0	0.0
1173	3	16.98	0.0	0.0	-1.60	0.0	364.13	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	361.57	-0.80	0.0	0.0	0.0	0.0
1173	4	16.98	0.0	0.0	-1.60	0.0	304.33	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	301.77	-0.80	0.0	0.0	0.0	0.0
1173	5	16.98	0.0	0.0	-1.60	0.0	304.33	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	301.77	-0.80	0.0	0.0	0.0	0.0
1174	1	22.08	0.0	0.0	-2.08	0.0	587.33	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	590.66	-1.04	0.0	0.0	0.0	0.0
1174	2	16.98	0.0	0.0	-1.60	0.0	476.77	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	479.33	-0.80	0.0	0.0	0.0	0.0
1174	3	16.98	0.0	0.0	-1.60	0.0	440.59	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	443.15	-0.80	0.0	0.0	0.0	0.0
1174	4	16.98	0.0	0.0	-1.60	0.0	368.44	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	371.00	-0.80	0.0	0.0	0.0	0.0
1174	5	16.98	0.0	0.0	-1.60	0.0	368.44	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	371.00	-0.80	0.0	0.0	0.0	0.0
1175	1	22.08	0.0	0.0	-2.08	0.0	449.72	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	446.39	-1.04	0.0	0.0	0.0	0.0
1175	2	16.98	0.0	0.0	-1.60	0.0	365.61	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	363.05	-0.80	0.0	0.0	0.0	0.0
1175	3	16.98	0.0	0.0	-1.60	0.0	337.22	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	334.66	-0.80	0.0	0.0	0.0	0.0
1175	4	16.98	0.0	0.0	-1.60	0.0	280.40	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	277.84	-0.80	0.0	0.0	0.0	0.0
1175	5	16.98	0.0	0.0	-1.60	0.0	280.40	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	277.84	-0.80	0.0	0.0	0.0	0.0
1176	1	22.08	0.0	0.0	-2.08	0.0	623.10	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	626.43	-1.04	0.0	0.0	0.0	0.0
1176	2	16.98	0.0	0.0	-1.60	0.0	505.33	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	507.89	-0.80	0.0	0.0	0.0	0.0
1176	3	16.98	0.0	0.0	-1.60	0.0	467.72	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	470.28	-0.80	0.0	0.0	0.0	0.0
1176	4	16.98	0.0	0.0	-1.60	0.0	392.55	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	395.11	-0.80	0.0	0.0	0.0	0.0
1176	5	16.98	0.0	0.0	-1.60	0.0	392.55	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	395.11	-0.80	0.0	0.0	0.0	0.0
1177	1	22.08	0.0	0.0	-2.08	0.0	508.70	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	505.37	-1.04	0.0	0.0	0.0	0.0

1177	2	16.98	0.0	0.0	-1.60	0.0	413.03	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	410.47	-0.80	0.0	0.0	0.0	0.0
1177	3	16.98	0.0	0.0	-1.60	0.0	381.68	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	379.12	-0.80	0.0	0.0	0.0	0.0
1177	4	16.98	0.0	0.0	-1.60	0.0	318.86	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	316.30	-0.80	0.0	0.0	0.0	0.0
1177	5	16.98	0.0	0.0	-1.60	0.0	318.86	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	316.30	-0.80	0.0	0.0	0.0	0.0
1178	1	22.08	0.0	0.0	-2.08	0.0	563.34	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	566.67	-1.04	0.0	0.0	0.0	0.0
1178	2	16.98	0.0	0.0	-1.60	0.0	457.27	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	459.83	-0.80	0.0	0.0	0.0	0.0
1178	3	16.98	0.0	0.0	-1.60	0.0	422.67	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	425.23	-0.80	0.0	0.0	0.0	0.0
1178	4	16.98	0.0	0.0	-1.60	0.0	353.57	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	356.13	-0.80	0.0	0.0	0.0	0.0
1178	5	16.98	0.0	0.0	-1.60	0.0	353.57	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	356.13	-0.80	0.0	0.0	0.0	0.0
1179	1	22.08	0.0	0.0	-2.08	0.0	603.90	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	600.57	-1.04	0.0	0.0	0.0	0.0
1179	2	16.98	0.0	0.0	-1.60	0.0	489.68	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	487.12	-0.80	0.0	0.0	0.0	0.0
1179	3	16.98	0.0	0.0	-1.60	0.0	453.41	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	450.85	-0.80	0.0	0.0	0.0	0.0
1179	4	16.98	0.0	0.0	-1.60	0.0	380.72	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	378.16	-0.80	0.0	0.0	0.0	0.0
1179	5	16.98	0.0	0.0	-1.60	0.0	380.72	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	378.16	-0.80	0.0	0.0	0.0	0.0
1180	1	22.08	0.0	0.0	-2.08	0.0	467.24	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	470.57	-1.04	0.0	0.0	0.0	0.0
1180	2	16.98	0.0	0.0	-1.60	0.0	379.90	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	382.46	-0.80	0.0	0.0	0.0	0.0
1180	3	16.98	0.0	0.0	-1.60	0.0	350.27	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	352.83	-0.80	0.0	0.0	0.0	0.0
1180	4	16.98	0.0	0.0	-1.60	0.0	291.14	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	293.70	-0.80	0.0	0.0	0.0	0.0
1180	5	16.98	0.0	0.0	-1.60	0.0	291.14	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	293.70	-0.80	0.0	0.0	0.0	0.0
1181	1	22.08	0.0	0.0	-2.08	0.0	690.48	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	687.15	-1.04	0.0	0.0	0.0	0.0
1181	2	16.98	0.0	0.0	-1.60	0.0	559.69	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	557.13	-0.80	0.0	0.0	0.0	0.0
1181	3	16.98	0.0	0.0	-1.60	0.0	518.40	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	515.84	-0.80	0.0	0.0	0.0	0.0
1181	4	16.98	0.0	0.0	-1.60	0.0	435.89	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	433.33	-0.80	0.0	0.0	0.0	0.0
1181	5	16.98	0.0	0.0	-1.60	0.0	435.89	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	433.33	-0.80	0.0	0.0	0.0	0.0
1182	1	22.08	0.0	0.0	-2.08	0.0	379.82	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	383.14	-1.04	0.0	0.0	0.0	0.0
1182	2	16.98	0.0	0.0	-1.60	0.0	309.21	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	311.77	-0.80	0.0	0.0	0.0	0.0
1182	3	16.98	0.0	0.0	-1.60	0.0	284.64	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	287.20	-0.80	0.0	0.0	0.0	0.0
1182	4	16.98	0.0	0.0	-1.60	0.0	235.43	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	237.99	-0.80	0.0	0.0	0.0	0.0
1182	5	16.98	0.0	0.0	-1.60	0.0	235.43	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	237.99	-0.80	0.0	0.0	0.0	0.0
1183	1	22.08	0.0	0.0	-2.08	0.0	721.17	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	717.84	-1.04	0.0	0.0	0.0	0.0
1183	2	16.98	0.0	0.0	-1.60	0.0	584.58	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	582.02	-0.80	0.0	0.0	0.0	0.0
1183	3	16.98	0.0	0.0	-1.60	0.0	541.50	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	538.94	-0.80	0.0	0.0	0.0	0.0
1183	4	16.98	0.0	0.0	-1.60	0.0	455.29	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	452.73	-0.80	0.0	0.0	0.0	0.0
1183	5	16.98	0.0	0.0	-1.60	0.0	455.29	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	452.73	-0.80	0.0	0.0	0.0	0.0
1184	1	22.08	0.0	0.0	-2.08	0.0	349.82	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	353.14	-1.04	0.0	0.0	0.0	0.0
1184	2	16.98	0.0	0.0	-1.60	0.0	284.87	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	287.43	-0.80	0.0	0.0	0.0	0.0
1184	3	16.98	0.0	0.0	-1.60	0.0	262.06	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	264.62	-0.80	0.0	0.0	0.0	0.0
1184	4	16.98	0.0	0.0	-1.60	0.0	216.49	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	219.05	-0.80	0.0	0.0	0.0	0.0
1184	5	16.98	0.0	0.0	-1.60	0.0	216.49	0.80	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	84.9	219.05	-0.80	0.0	0.0	0.0	0.0
1185	1	22.08	0.0	0.0	-2.08	0.0	449.54	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	446.22	-1.04	0.0	0.0	0.0	0.0
1185	2	16.98	0.0	0.0	-1.60	0.0	365.64	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	363.07	-0.80	0.0	0.0	0.0	0.0
1185	3	16.98	0.0	0.0	-1.60	0.0	336.99	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	334.43	-0.80	0.0	0.0	0.0	0.0
1185	4	16.98	0.0	0.0	-1.60	0.0	279.70	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	277.14	-0.80	0.0	0.0	0.0	0.0
1185	5	16.98	0.0	0.0	-1.60	0.0	279.70	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	277.14	-0.80	0.0	0.0	0.0	0.0
1186	1	22.08	0.0	0.0	-2.08	0.0	623.83	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	627.15	-1.04	0.0	0.0	0.0	0.0
1186	2	16.98	0.0	0.0	-1.60	0.0	505.74	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	508.30	-0.80	0.0	0.0	0.0	0.0
1186	3	16.98	0.0	0.0	-1.60	0.0	468.36	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	470.92	-0.80	0.0	0.0	0.0	0.0
1186	4	16.98	0.0	0.0	-1.60	0.0	393.62	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	396.18	-0.80	0.0	0.0	0.0	0.0
1186	5	16.98	0.0	0.0	-1.60	0.0	393.62	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	396.18	-0.80	0.0	0.0	0.0	0.0
1187	1	22.08	0.0	0.0	-2.08	0.0	331.00	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	327.68	-1.04	0.0	0.0	0.0	0.0
1187	2	16.98	0.0	0.0	-1.60	0.0	270.26	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	267.70	-0.80	0.0	0.0	0.0	0.0
1187	3	16.98	0.0	0.0	-1.60	0.0	247.68	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	245.12	-0.80	0.0	0.0	0.0	0.0
1187	4	16.98	0.0	0.0	-1.60	0.0	202.55	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	199.99	-0.80	0.0	0.0	0.0	0.0
1187	5	16.98	0.0	0.0	-1.60	0.0	202.55	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	199.99	-0.80	0.0	0.0	0.0	0.0
1188	1	22.08	0.0	0.0	-2.08	0.0	741.12	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	744.45	-1.04	0.0	0.0	0.0	0.0
1188	2	16.98	0.0	0.0	-1.60	0.0	600.11	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	602.67	-0.80	0.0	0.0	0.0	0.0
1188	3	16.98	0.0	0.0	-1.60	0.0	556.73	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	559.29	-0.80	0.0	0.0	0.0	0.0
1188	4	16.98	0.0	0.0	-1.60	0.0	469.97	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	472.53	-0.80	0.0	0.0	0.0	0.0
1188	5	16.98	0.0	0.0	-1.60	0.0	469.97	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	472.53	-0.80	0.0	0.0	0.0	0.0
1189	1	22.08	0.0	0.0	-2.08	0.0	560.13	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	556.80	-1.04	0.0	0.0	0.0	0.0
1189	2	16.98	0.0	0.0	-1.60	0.0	454.74	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	452.18	-0.80	0.0	0.0	0.0	0.0
1189	3	16.98	0.0	0.0	-1.60	0.0	420.22	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	417.66	-0.80	0.0	0.0	0.0	0.0
1189	4	16.98	0.0	0.0	-1.60	0.0	351.26	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	348.70	-0.80	0.0	0.0	0.0	0.0
1189	5	16.98	0.0	0.0	-1.60	0.0	351.26	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	348.70	-0.80	0.0	0.0	0.0	0.0
1190	1	22.08	0.0	0.0	-2.08	0.0	509.61	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	512.93	-1.04	0.0	0.0	0.0	0.0
1190	2	16.98	0.0	0.0	-1.60	0.0	413.71	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	416.27	-0.80	0.0	0.0	0.0	0.0
1190	3	16.98	0.0	0.0	-1.60	0.0	382.40	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	384.96	-0.80	0.0	0.0	0.0	0.0
1190	4	16.98	0.0	0.0	-1.60	0.0	319.72	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	322.28	-0.80	0.0	0.0	0.0	0.0
1190	5	16.98	0.0	0.0	-1.60	0.0	319.72	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	322.28	-0.80	0.0	0.0	0.0	0.0
1191	1	22.08	0.0	0.0	-2.08	0.0	681.34	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	678.01	-1.04	0.0	0.0	0.0	0.0
1191	2	16.98	0.0	0.0	-1.60	0.0	552.33	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	549.77	-0.80	0.0	0.0	0.0	0.0
1191	3	16.98	0.0	0.0	-1.60	0.0	511.54	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	508.97	-0.80	0.0	0.0	0.0	0.0
1191	4	16.98	0.0	0.0	-1.60	0.0	430.08	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	427.52	-0.80	0.0	0.0	0.0	0.0
1191	5	16.98	0.0	0.0	-1.60	0.0	430.08	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	427.52	-0.80	0.0	0.0	0.0	0.0
1192	1	22.08	0.0	0.0	-2.08	0.0	389.35	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	392.68	-1.04	0.0	0.0	0.0	0.0
1192	2	16.98	0.0	0.0	-1.60	0.0	316.88	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	319.44	-0.80	0.0	0.0	0.0	0.0
1192	3	16.98	0.0	0.0	-1.60	0.0	291.80	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	294.36	-0.80	0.0	0.0	0.0	0.0

1192	4	16.98	0.0	0.0	-1.60	0.0	241.51	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	244.07	-0.80	0.0	0.0	0.0	0.0
1192	5	16.98	0.0	0.0	-1.60	0.0	241.51	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	244.07	-0.80	0.0	0.0	0.0	0.0
1193	1	22.08	0.0	0.0	-2.08	0.0	513.89	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	510.56	-1.04	0.0	0.0	0.0	0.0
1193	2	16.98	0.0	0.0	-1.60	0.0	416.73	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	414.17	-0.80	0.0	0.0	0.0	0.0
1193	3	16.98	0.0	0.0	-1.60	0.0	385.77	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	383.21	-0.80	0.0	0.0	0.0	0.0
1193	4	16.98	0.0	0.0	-1.60	0.0	323.85	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	321.29	-0.80	0.0	0.0	0.0	0.0
1193	5	16.98	0.0	0.0	-1.60	0.0	323.85	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	321.29	-0.80	0.0	0.0	0.0	0.0
1194	1	22.08	0.0	0.0	-2.08	0.0	561.19	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	564.52	-1.04	0.0	0.0	0.0	0.0
1194	2	16.98	0.0	0.0	-1.60	0.0	456.04	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	458.60	-0.80	0.0	0.0	0.0	0.0
1194	3	16.98	0.0	0.0	-1.60	0.0	420.87	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	423.43	-0.80	0.0	0.0	0.0	0.0
1194	4	16.98	0.0	0.0	-1.60	0.0	350.52	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	353.08	-0.80	0.0	0.0	0.0	0.0
1194	5	16.98	0.0	0.0	-1.60	0.0	350.52	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	353.08	-0.80	0.0	0.0	0.0	0.0
1195	1	22.08	0.0	0.0	-2.08	0.0	859.22	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	855.89	-1.04	0.0	0.0	0.0	0.0
1195	2	16.98	0.0	0.0	-1.60	0.0	696.63	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	694.06	-0.80	0.0	0.0	0.0	0.0
1195	3	16.98	0.0	0.0	-1.60	0.0	645.14	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	642.58	-0.80	0.0	0.0	0.0	0.0
1195	4	16.98	0.0	0.0	-1.60	0.0	542.03	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	539.47	-0.80	0.0	0.0	0.0	0.0
1195	5	16.98	0.0	0.0	-1.60	0.0	542.03	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	539.47	-0.80	0.0	0.0	0.0	0.0
1196	1	22.08	0.0	0.0	-2.08	0.0	364.28	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	367.61	-1.04	0.0	0.0	0.0	0.0
1196	2	16.98	0.0	0.0	-1.60	0.0	297.08	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	299.64	-0.80	0.0	0.0	0.0	0.0
1196	3	16.98	0.0	0.0	-1.60	0.0	272.66	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	275.22	-0.80	0.0	0.0	0.0	0.0
1196	4	16.98	0.0	0.0	-1.60	0.0	223.96	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	226.52	-0.80	0.0	0.0	0.0	0.0
1196	5	16.98	0.0	0.0	-1.60	0.0	223.96	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	226.52	-0.80	0.0	0.0	0.0	0.0
1197	1	22.08	0.0	0.0	-2.08	0.0	436.14	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	432.82	-1.04	0.0	0.0	0.0	0.0
1197	2	16.98	0.0	0.0	-1.60	0.0	355.53	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	352.97	-0.80	0.0	0.0	0.0	0.0
1197	3	16.98	0.0	0.0	-1.60	0.0	326.69	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	324.13	-0.80	0.0	0.0	0.0	0.0
1197	4	16.98	0.0	0.0	-1.60	0.0	268.79	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	266.23	-0.80	0.0	0.0	0.0	0.0
1197	5	16.98	0.0	0.0	-1.60	0.0	268.79	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	266.23	-0.80	0.0	0.0	0.0	0.0
1198	1	22.08	0.0	0.0	-2.08	0.0	783.12	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	786.45	-1.04	0.0	0.0	0.0	0.0
1198	2	16.98	0.0	0.0	-1.60	0.0	634.74	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	637.30	-0.80	0.0	0.0	0.0	0.0
1198	3	16.98	0.0	0.0	-1.60	0.0	587.93	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	590.49	-0.80	0.0	0.0	0.0	0.0
1198	4	16.98	0.0	0.0	-1.60	0.0	494.55	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	497.11	-0.80	0.0	0.0	0.0	0.0
1198	5	16.98	0.0	0.0	-1.60	0.0	494.55	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	497.11	-0.80	0.0	0.0	0.0	0.0
1199	1	22.08	0.0	0.0	-2.08	0.0	508.06	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	504.73	-1.04	0.0	0.0	0.0	0.0
1199	2	16.98	0.0	0.0	-1.60	0.0	412.84	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	410.28	-0.80	0.0	0.0	0.0	0.0
1199	3	16.98	0.0	0.0	-1.60	0.0	381.05	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	378.49	-0.80	0.0	0.0	0.0	0.0
1199	4	16.98	0.0	0.0	-1.60	0.0	317.44	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	314.88	-0.80	0.0	0.0	0.0	0.0
1199	5	16.98	0.0	0.0	-1.60	0.0	317.44	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	314.88	-0.80	0.0	0.0	0.0	0.0
1200	1	22.08	0.0	0.0	-2.08	0.0	710.41	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	713.74	-1.04	0.0	0.0	0.0	0.0
1200	2	16.98	0.0	0.0	-1.60	0.0	576.78	0.80	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	84.9	579.34	-0.80	0.0	0.0	0.0	0.0
1200	3	16.98	0.0	0.0	-1.60	0.0	532.98	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	535.54	-0.80	0.0	0.0	0.0	0.0
1200	4	16.98	0.0	0.0	-1.60	0.0	445.39	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	447.95	-0.80	0.0	0.0	0.0	0.0
1200	5	16.98	0.0	0.0	-1.60	0.0	445.39	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	447.95	-0.80	0.0	0.0	0.0	0.0
1201	1	22.08	0.0	0.0	-2.08	0.0	616.54	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	613.21	-1.04	0.0	0.0	0.0	0.0
1201	2	16.98	0.0	0.0	-1.60	0.0	499.68	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	497.12	-0.80	0.0	0.0	0.0	0.0
1201	3	16.98	0.0	0.0	-1.60	0.0	462.76	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	460.20	-0.80	0.0	0.0	0.0	0.0
1201	4	16.98	0.0	0.0	-1.60	0.0	389.05	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	386.49	-0.80	0.0	0.0	0.0	0.0
1201	5	16.98	0.0	0.0	-1.60	0.0	389.05	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	386.49	-0.80	0.0	0.0	0.0	0.0
1202	1	22.08	0.0	0.0	-2.08	0.0	603.67	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	607.00	-1.04	0.0	0.0	0.0	0.0
1202	2	16.98	0.0	0.0	-1.60	0.0	491.34	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	493.90	-0.80	0.0	0.0	0.0	0.0
1202	3	16.98	0.0	0.0	-1.60	0.0	452.57	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	455.13	-0.80	0.0	0.0	0.0	0.0
1202	4	16.98	0.0	0.0	-1.60	0.0	374.89	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	377.45	-0.80	0.0	0.0	0.0	0.0
1202	5	16.98	0.0	0.0	-1.60	0.0	374.89	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	377.45	-0.80	0.0	0.0	0.0	0.0
1203	1	22.08	0.0	0.0	-2.08	0.0	458.97	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	455.64	-1.04	0.0	0.0	0.0	0.0
1203	2	16.98	0.0	0.0	-1.60	0.0	373.92	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	371.36	-0.80	0.0	0.0	0.0	0.0
1203	3	16.98	0.0	0.0	-1.60	0.0	343.67	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	341.11	-0.80	0.0	0.0	0.0	0.0
1203	4	16.98	0.0	0.0	-1.60	0.0	283.29	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	280.73	-0.80	0.0	0.0	0.0	0.0
1203	5	16.98	0.0	0.0	-1.60	0.0	283.29	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	280.73	-0.80	0.0	0.0	0.0	0.0
1204	1	22.08	0.0	0.0	-2.08	0.0	762.80	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	766.13	-1.04	0.0	0.0	0.0	0.0
1204	2	16.98	0.0	0.0	-1.60	0.0	618.38	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	620.94	-0.80	0.0	0.0	0.0	0.0
1204	3	16.98	0.0	0.0	-1.60	0.0	572.83	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	575.39	-0.80	0.0	0.0	0.0	0.0
1204	4	16.98	0.0	0.0	-1.60	0.0	481.64	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	484.20	-0.80	0.0	0.0	0.0	0.0
1204	5	16.98	0.0	0.0	-1.60	0.0	481.64	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	484.20	-0.80	0.0	0.0	0.0	0.0
1205	1	22.08	0.0	0.0	-2.08	0.0	581.73	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	578.40	-1.04	0.0	0.0	0.0	0.0
1205	2	16.98	0.0	0.0	-1.60	0.0	472.64	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	470.08	-0.80	0.0	0.0	0.0	0.0
1205	3	16.98	0.0	0.0	-1.60	0.0	436.29	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	433.73	-0.80	0.0	0.0	0.0	0.0
1205	4	16.98	0.0	0.0	-1.60	0.0	363.80	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	361.24	-0.80	0.0	0.0	0.0	0.0
1205	5	16.98	0.0	0.0	-1.60	0.0	363.80	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	361.24	-0.80	0.0	0.0	0.0	0.0
1206	1	22.08	0.0	0.0	-2.08	0.0	638.88	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	642.21	-1.04	0.0	0.0	0.0	0.0
1206	2	16.98	0.0	0.0	-1.60	0.0	518.72	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	521.28	-0.80	0.0	0.0	0.0	0.0
1206	3	16.98	0.0	0.0	-1.60	0.0	479.34	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	481.90	-0.80	0.0	0.0	0.0	0.0
1206	4	16.98	0.0	0.0	-1.60	0.0	400.38	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	402.94	-0.80	0.0	0.0	0.0	0.0
1206	5	16.98	0.0	0.0	-1.60	0.0	400.38	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	402.94	-0.80	0.0	0.0	0.0	0.0
1207	1	22.08	0.0	0.0	-2.08	0.0	730.28	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	726.95	-1.04	0.0	0.0	0.0	0.0
1207	2	16.98	0.0	0.0	-1.60	0.0	592.03	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	589.47	-0.80	0.0	0.0	0.0	0.0
1207	3	16.98	0.0	0.0	-1.60	0.0	548.14	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	545.58	-0.80	0.0	0.0	0.0	0.0
1207	4	16.98	0.0	0.0	-1.60	0.0	460.60	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	458.04	-0.80	0.0	0.0	0.0	0.0
1207	5	16.98	0.0	0.0	-1.60	0.0	460.60	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	458.04	-0.80	0.0	0.0	0.0	0.0

1208	1	22.08	0.0	0.0	-2.08	0.0	490.98	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	494.31	-1.04	0.0	0.0	0.0	0.0
1208	2	16.98	0.0	0.0	-1.60	0.0	399.85	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	402.41	-0.80	0.0	0.0	0.0	0.0
1208	3	16.98	0.0	0.0	-1.60	0.0	367.98	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	370.54	-0.80	0.0	0.0	0.0	0.0
1208	4	16.98	0.0	0.0	-1.60	0.0	304.01	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	306.57	-0.80	0.0	0.0	0.0	0.0
1208	5	16.98	0.0	0.0	-1.60	0.0	304.01	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	306.57	-0.80	0.0	0.0	0.0	0.0
1209	1	21.20	0.0	0.0	-2.08	0.0	0.85	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	3.99	-1.04	0.0	0.0	0.0	0.0
1209	2	16.31	0.0	0.0	-1.60	0.0	0.46	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	2.87	-0.80	0.0	0.0	0.0	0.0
1209	3	16.31	0.0	0.0	-1.60	0.0	0.54	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	2.96	-0.80	0.0	0.0	0.0	0.0
1209	4	16.31	0.0	0.0	-1.60	0.0	0.46	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	2.87	-0.80	0.0	0.0	0.0	0.0
1209	5	16.31	0.0	0.0	-1.60	0.0	0.46	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	2.87	-0.80	0.0	0.0	0.0	0.0
1210	1	22.08	0.0	0.0	-2.08	0.0	652.06	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	655.39	-1.04	0.0	0.0	0.0	0.0
1210	2	16.98	0.0	0.0	-1.60	0.0	529.35	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	531.91	-0.80	0.0	0.0	0.0	0.0
1210	3	16.98	0.0	0.0	-1.60	0.0	488.90	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	491.46	-0.80	0.0	0.0	0.0	0.0
1210	4	16.98	0.0	0.0	-1.60	0.0	408.03	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	410.59	-0.80	0.0	0.0	0.0	0.0
1210	5	16.98	0.0	0.0	-1.60	0.0	408.03	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	410.59	-0.80	0.0	0.0	0.0	0.0
1211	1	22.08	0.0	0.0	-2.08	0.0	693.43	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	690.10	-1.04	0.0	0.0	0.0	0.0
1211	2	16.98	0.0	0.0	-1.60	0.0	563.39	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	560.83	-0.80	0.0	0.0	0.0	0.0
1211	3	16.98	0.0	0.0	-1.60	0.0	520.10	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	517.54	-0.80	0.0	0.0	0.0	0.0
1211	4	16.98	0.0	0.0	-1.60	0.0	433.52	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	430.96	-0.80	0.0	0.0	0.0	0.0
1211	5	16.98	0.0	0.0	-1.60	0.0	433.52	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	430.96	-0.80	0.0	0.0	0.0	0.0
1212	1	22.08	0.0	0.0	-2.08	0.0	527.30	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	530.63	-1.04	0.0	0.0	0.0	0.0
1212	2	16.98	0.0	0.0	-1.60	0.0	428.05	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	430.61	-0.80	0.0	0.0	0.0	0.0
1212	3	16.98	0.0	0.0	-1.60	0.0	395.62	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	398.18	-0.80	0.0	0.0	0.0	0.0
1212	4	16.98	0.0	0.0	-1.60	0.0	330.76	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	333.32	-0.80	0.0	0.0	0.0	0.0
1212	5	16.98	0.0	0.0	-1.60	0.0	330.76	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	333.32	-0.80	0.0	0.0	0.0	0.0
1213	1	22.08	0.0	0.0	-2.08	0.0	568.77	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	565.44	-1.04	0.0	0.0	0.0	0.0
1213	2	16.98	0.0	0.0	-1.60	0.0	462.63	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	460.07	-0.80	0.0	0.0	0.0	0.0
1213	3	16.98	0.0	0.0	-1.60	0.0	426.36	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	423.80	-0.80	0.0	0.0	0.0	0.0
1213	4	16.98	0.0	0.0	-1.60	0.0	353.80	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	351.24	-0.80	0.0	0.0	0.0	0.0
1213	5	16.98	0.0	0.0	-1.60	0.0	353.80	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	351.24	-0.80	0.0	0.0	0.0	0.0
1214	1	22.08	0.0	0.0	-2.08	0.0	650.92	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	654.25	-1.04	0.0	0.0	0.0	0.0
1214	2	16.98	0.0	0.0	-1.60	0.0	527.98	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	530.54	-0.80	0.0	0.0	0.0	0.0
1214	3	16.98	0.0	0.0	-1.60	0.0	488.59	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	491.15	-0.80	0.0	0.0	0.0	0.0
1214	4	16.98	0.0	0.0	-1.60	0.0	409.83	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	412.39	-0.80	0.0	0.0	0.0	0.0
1214	5	16.98	0.0	0.0	-1.60	0.0	409.83	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	412.39	-0.80	0.0	0.0	0.0	0.0
1215	1	22.08	0.0	0.0	-2.08	0.0	859.60	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	856.27	-1.04	0.0	0.0	0.0	0.0
1215	2	16.98	0.0	0.0	-1.60	0.0	696.99	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	694.43	-0.80	0.0	0.0	0.0	0.0
1215	3	16.98	0.0	0.0	-1.60	0.0	645.28	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	642.72	-0.80	0.0	0.0	0.0	0.0
1215	4	16.98	0.0	0.0	-1.60	0.0	541.89	0.80	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	84.9	539.33	-0.80	0.0	0.0	0.0	0.0
1215	5	16.98	0.0	0.0	-1.60	0.0	541.89	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	539.33	-0.80	0.0	0.0	0.0	0.0
1216	1	22.08	0.0	0.0	-2.08	0.0	363.87	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	367.19	-1.04	0.0	0.0	0.0	0.0
1216	2	16.98	0.0	0.0	-1.60	0.0	296.68	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	299.25	-0.80	0.0	0.0	0.0	0.0
1216	3	16.98	0.0	0.0	-1.60	0.0	272.50	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	275.06	-0.80	0.0	0.0	0.0	0.0
1216	4	16.98	0.0	0.0	-1.60	0.0	224.08	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	226.64	-0.80	0.0	0.0	0.0	0.0
1216	5	16.98	0.0	0.0	-1.60	0.0	224.08	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	226.64	-0.80	0.0	0.0	0.0	0.0
1217	1	21.20	0.0	0.0	-2.08	0.0	-1.57	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	1.57	-1.04	0.0	0.0	0.0	0.0
1217	3	16.31	0.0	0.0	-1.60	0.0	-1.21	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	1.21	-0.80	0.0	0.0	0.0	0.0
1217	4	16.31	0.0	0.0	-1.60	0.0	-1.21	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	1.21	-0.80	0.0	0.0	0.0	0.0
1217	5	16.31	0.0	0.0	-1.60	0.0	-1.21	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	1.21	-0.80	0.0	0.0	0.0	0.0
1218	1	22.08	0.0	0.0	-2.08	0.0	603.68	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	607.01	-1.04	0.0	0.0	0.0	0.0
1218	2	16.98	0.0	0.0	-1.60	0.0	490.49	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	493.05	-0.80	0.0	0.0	0.0	0.0
1218	3	16.98	0.0	0.0	-1.60	0.0	452.61	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	455.17	-0.80	0.0	0.0	0.0	0.0
1218	4	16.98	0.0	0.0	-1.60	0.0	377.08	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	379.64	-0.80	0.0	0.0	0.0	0.0
1218	5	16.98	0.0	0.0	-1.60	0.0	377.08	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	379.64	-0.80	0.0	0.0	0.0	0.0
1219	1	22.08	0.0	0.0	-2.08	0.0	624.61	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	621.28	-1.04	0.0	0.0	0.0	0.0
1219	2	16.98	0.0	0.0	-1.60	0.0	507.15	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	504.59	-0.80	0.0	0.0	0.0	0.0
1219	3	16.98	0.0	0.0	-1.60	0.0	468.91	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	466.35	-0.80	0.0	0.0	0.0	0.0
1219	4	16.98	0.0	0.0	-1.60	0.0	392.72	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	390.16	-0.80	0.0	0.0	0.0	0.0
1219	5	16.98	0.0	0.0	-1.60	0.0	392.72	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	390.16	-0.80	0.0	0.0	0.0	0.0
1220	1	21.20	0.0	0.0	-2.08	0.0	4.69	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	1.54	-1.04	0.0	0.0	0.0	0.0
1220	3	16.31	0.0	0.0	-1.60	0.0	3.60	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	1.18	-0.80	0.0	0.0	0.0	0.0
1220	4	16.31	0.0	0.0	-1.60	0.0	3.33	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	0.91	-0.80	0.0	0.0	0.0	0.0
1220	5	16.31	0.0	0.0	-1.60	0.0	3.33	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	0.91	-0.80	0.0	0.0	0.0	0.0
1221	1	22.08	0.0	0.0	-2.08	0.0	436.99	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	433.66	-1.04	0.0	0.0	0.0	0.0
1221	2	16.98	0.0	0.0	-1.60	0.0	356.17	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	353.61	-0.80	0.0	0.0	0.0	0.0
1221	3	16.98	0.0	0.0	-1.60	0.0	327.10	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	324.54	-0.80	0.0	0.0	0.0	0.0
1221	4	16.98	0.0	0.0	-1.60	0.0	268.93	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	266.37	-0.80	0.0	0.0	0.0	0.0
1221	5	16.98	0.0	0.0	-1.60	0.0	268.93	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	266.37	-0.80	0.0	0.0	0.0	0.0
1222	1	22.08	0.0	0.0	-2.08	0.0	782.31	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	785.64	-1.04	0.0	0.0	0.0	0.0
1222	2	16.98	0.0	0.0	-1.60	0.0	634.13	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	636.69	-0.80	0.0	0.0	0.0	0.0
1222	3	16.98	0.0	0.0	-1.60	0.0	587.56	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	590.12	-0.80	0.0	0.0	0.0	0.0
1222	4	16.98	0.0	0.0	-1.60	0.0	494.44	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	497.00	-0.80	0.0	0.0	0.0	0.0
1222	5	16.98	0.0	0.0	-1.60	0.0	494.44	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	497.00	-0.80	0.0	0.0	0.0	0.0
1223	1	22.08	0.0	0.0	-2.08	0.0	508.76	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	505.43	-1.04	0.0	0.0	0.0	0.0
1223	2	16.98	0.0	0.0	-1.60	0.0	413.39	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	410.83	-0.80	0.0	0.0	0.0	0.0
1223	3	16.98	0.0	0.0	-1.60	0.0	381.51	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	378.95	-0.80	0.0	0.0	0.0	0.0
1223	4	16.98	0.0	0.0	-1.60	0.0	317.74	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	315.18	-0.80	0.0	0.0	0.0	0.0

1223	5	16.98	0.0	0.0	-1.60	0.0	317.74	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	315.18	-0.80	0.0	0.0	0.0	0.0
1224	1	22.08	0.0	0.0	-2.08	0.0	709.64	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	712.97	-1.04	0.0	0.0	0.0	0.0
1224	2	16.98	0.0	0.0	-1.60	0.0	576.17	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	578.73	-0.80	0.0	0.0	0.0	0.0
1224	3	16.98	0.0	0.0	-1.60	0.0	532.46	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	535.02	-0.80	0.0	0.0	0.0	0.0
1224	4	16.98	0.0	0.0	-1.60	0.0	445.04	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	447.60	-0.80	0.0	0.0	0.0	0.0
1224	5	16.98	0.0	0.0	-1.60	0.0	445.04	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	447.60	-0.80	0.0	0.0	0.0	0.0
1225	1	22.08	0.0	0.0	-2.08	0.0	625.11	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	621.78	-1.04	0.0	0.0	0.0	0.0
1225	2	16.98	0.0	0.0	-1.60	0.0	506.77	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	504.21	-0.80	0.0	0.0	0.0	0.0
1225	3	16.98	0.0	0.0	-1.60	0.0	469.45	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	466.89	-0.80	0.0	0.0	0.0	0.0
1225	4	16.98	0.0	0.0	-1.60	0.0	394.55	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	391.99	-0.80	0.0	0.0	0.0	0.0
1225	5	16.98	0.0	0.0	-1.60	0.0	394.55	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	391.99	-0.80	0.0	0.0	0.0	0.0
1226	1	22.08	0.0	0.0	-2.08	0.0	594.84	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	598.17	-1.04	0.0	0.0	0.0	0.0
1226	2	16.98	0.0	0.0	-1.60	0.0	484.05	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	486.61	-0.80	0.0	0.0	0.0	0.0
1226	3	16.98	0.0	0.0	-1.60	0.0	445.69	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	448.25	-0.80	0.0	0.0	0.0	0.0
1226	4	16.98	0.0	0.0	-1.60	0.0	369.22	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	371.78	-0.80	0.0	0.0	0.0	0.0
1226	5	16.98	0.0	0.0	-1.60	0.0	369.22	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	371.78	-0.80	0.0	0.0	0.0	0.0
1227	1	21.20	0.0	0.0	-2.08	0.0	10.21	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	13.36	-1.04	0.0	0.0	0.0	0.0
1227	2	16.31	0.0	0.0	-1.60	0.0	8.43	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	10.85	-0.80	0.0	0.0	0.0	0.0
1227	3	16.31	0.0	0.0	-1.60	0.0	7.62	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	10.04	-0.80	0.0	0.0	0.0	0.0
1227	4	16.31	0.0	0.0	-1.60	0.0	6.91	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	9.33	-0.80	0.0	0.0	0.0	0.0
1227	5	16.31	0.0	0.0	-1.60	0.0	6.91	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	9.33	-0.80	0.0	0.0	0.0	0.0
1228	1	22.08	0.0	0.0	-2.08	0.0	630.42	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	633.75	-1.04	0.0	0.0	0.0	0.0
1228	2	16.98	0.0	0.0	-1.60	0.0	512.16	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	514.72	-0.80	0.0	0.0	0.0	0.0
1228	3	16.98	0.0	0.0	-1.60	0.0	472.76	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	475.33	-0.80	0.0	0.0	0.0	0.0
1228	4	16.98	0.0	0.0	-1.60	0.0	394.07	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	396.63	-0.80	0.0	0.0	0.0	0.0
1228	5	16.98	0.0	0.0	-1.60	0.0	394.07	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	396.63	-0.80	0.0	0.0	0.0	0.0
1229	1	22.08	0.0	0.0	-2.08	0.0	607.21	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	603.88	-1.04	0.0	0.0	0.0	0.0
1229	2	16.98	0.0	0.0	-1.60	0.0	492.89	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	490.33	-0.80	0.0	0.0	0.0	0.0
1229	3	16.98	0.0	0.0	-1.60	0.0	455.72	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	453.16	-0.80	0.0	0.0	0.0	0.0
1229	4	16.98	0.0	0.0	-1.60	0.0	382.14	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	379.58	-0.80	0.0	0.0	0.0	0.0
1229	5	16.98	0.0	0.0	-1.60	0.0	382.14	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	379.58	-0.80	0.0	0.0	0.0	0.0
1230	1	21.20	0.0	0.0	-2.08	0.0	1.57	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	-1.57	-1.04	0.0	0.0	0.0	0.0
1230	3	16.31	0.0	0.0	-1.60	0.0	1.21	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	-1.21	-0.80	0.0	0.0	0.0	0.0
1230	4	16.31	0.0	0.0	-1.60	0.0	1.21	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	-1.21	-0.80	0.0	0.0	0.0	0.0
1230	5	16.31	0.0	0.0	-1.60	0.0	1.21	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	-1.21	-0.80	0.0	0.0	0.0	0.0
1231	1	22.08	0.0	0.0	-2.08	0.0	477.34	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	474.01	-1.04	0.0	0.0	0.0	0.0
1231	2	16.98	0.0	0.0	-1.60	0.0	388.71	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	386.15	-0.80	0.0	0.0	0.0	0.0
1231	3	16.98	0.0	0.0	-1.60	0.0	357.20	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	354.64	-0.80	0.0	0.0	0.0	0.0
1231	4	16.98	0.0	0.0	-1.60	0.0	294.61	0.80	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	84.9	292.05	-0.80	0.0	0.0	0.0	0.0
1231	5	16.98	0.0	0.0	-1.60	0.0	294.61	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	292.05	-0.80	0.0	0.0	0.0	0.0
1232	1	22.08	0.0	0.0	-2.08	0.0	744.17	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	747.50	-1.04	0.0	0.0	0.0	0.0
1232	2	16.98	0.0	0.0	-1.60	0.0	603.37	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	605.93	-0.80	0.0	0.0	0.0	0.0
1232	3	16.98	0.0	0.0	-1.60	0.0	559.12	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	561.68	-0.80	0.0	0.0	0.0	0.0
1232	4	16.98	0.0	0.0	-1.60	0.0	470.16	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	472.72	-0.80	0.0	0.0	0.0	0.0
1232	5	16.98	0.0	0.0	-1.60	0.0	470.16	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	472.72	-0.80	0.0	0.0	0.0	0.0
1233	1	22.08	0.0	0.0	-2.08	0.0	580.09	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	576.76	-1.04	0.0	0.0	0.0	0.0
1233	2	16.98	0.0	0.0	-1.60	0.0	471.21	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	468.65	-0.80	0.0	0.0	0.0	0.0
1233	3	16.98	0.0	0.0	-1.60	0.0	435.33	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	432.77	-0.80	0.0	0.0	0.0	0.0
1233	4	16.98	0.0	0.0	-1.60	0.0	362.86	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	360.30	-0.80	0.0	0.0	0.0	0.0
1233	5	16.98	0.0	0.0	-1.60	0.0	362.86	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	360.30	-0.80	0.0	0.0	0.0	0.0
1234	1	22.08	0.0	0.0	-2.08	0.0	640.46	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	643.78	-1.04	0.0	0.0	0.0	0.0
1234	2	16.98	0.0	0.0	-1.60	0.0	520.10	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	522.66	-0.80	0.0	0.0	0.0	0.0
1234	3	16.98	0.0	0.0	-1.60	0.0	480.25	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	482.81	-0.80	0.0	0.0	0.0	0.0
1234	4	16.98	0.0	0.0	-1.60	0.0	401.28	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	403.84	-0.80	0.0	0.0	0.0	0.0
1234	5	16.98	0.0	0.0	-1.60	0.0	401.28	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	403.84	-0.80	0.0	0.0	0.0	0.0
1235	1	22.08	0.0	0.0	-2.08	0.0	703.00	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	699.67	-1.04	0.0	0.0	0.0	0.0
1235	2	16.98	0.0	0.0	-1.60	0.0	569.92	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	567.36	-0.80	0.0	0.0	0.0	0.0
1235	3	16.98	0.0	0.0	-1.60	0.0	527.83	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	525.27	-0.80	0.0	0.0	0.0	0.0
1235	4	16.98	0.0	0.0	-1.60	0.0	443.60	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	441.04	-0.80	0.0	0.0	0.0	0.0
1235	5	16.98	0.0	0.0	-1.60	0.0	443.60	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	441.04	-0.80	0.0	0.0	0.0	0.0
1236	1	22.08	0.0	0.0	-2.08	0.0	518.47	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	521.80	-1.04	0.0	0.0	0.0	0.0
1236	2	16.98	0.0	0.0	-1.60	0.0	422.13	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	424.69	-0.80	0.0	0.0	0.0	0.0
1236	3	16.98	0.0	0.0	-1.60	0.0	388.46	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	391.02	-0.80	0.0	0.0	0.0	0.0
1236	4	16.98	0.0	0.0	-1.60	0.0	321.14	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	323.70	-0.80	0.0	0.0	0.0	0.0
1236	5	16.98	0.0	0.0	-1.60	0.0	321.14	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	323.70	-0.80	0.0	0.0	0.0	0.0
1237	1	21.20	0.0	0.0	-2.08	0.0	43.83	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	46.98	-1.04	0.0	0.0	0.0	0.0
1237	2	16.31	0.0	0.0	-1.60	0.0	35.40	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	37.81	-0.80	0.0	0.0	0.0	0.0
1237	3	16.31	0.0	0.0	-1.60	0.0	32.31	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	34.72	-0.80	0.0	0.0	0.0	0.0
1237	4	16.31	0.0	0.0	-1.60	0.0	28.23	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	30.65	-0.80	0.0	0.0	0.0	0.0
1237	5	16.31	0.0	0.0	-1.60	0.0	28.23	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	30.65	-0.80	0.0	0.0	0.0	0.0
1238	1	22.08	0.0	0.0	-2.08	0.0	571.41	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	574.74	-1.04	0.0	0.0	0.0	0.0
1238	2	16.98	0.0	0.0	-1.60	0.0	464.15	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	466.71	-0.80	0.0	0.0	0.0	0.0
1238	3	16.98	0.0	0.0	-1.60	0.0	428.60	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	431.16	-0.80	0.0	0.0	0.0	0.0
1238	4	16.98	0.0	0.0	-1.60	0.0	357.77	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	360.33	-0.80	0.0	0.0	0.0	0.0
1238	5	16.98	0.0	0.0	-1.60	0.0	357.77	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	360.33	-0.80	0.0	0.0	0.0	0.0
1239	1	22.08	0.0	0.0	-2.08	0.0	699.33	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	696.00	-1.04	0.0	0.0	0.0	0.0
1239	2	16.98	0.0	0.0	-1.60	0.0	567.45	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	564.89	-0.80	0.0	0.0	0.0	0.0

1239	3	16.98	0.0	0.0	-1.60	0.0	524.20	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	521.64	-0.80	0.0	0.0	0.0	0.0
1239	4	16.98	0.0	0.0	-1.60	0.0	439.44	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	436.88	-0.80	0.0	0.0	0.0	0.0
1239	5	16.98	0.0	0.0	-1.60	0.0	439.44	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	436.88	-0.80	0.0	0.0	0.0	0.0
1240	1	21.20	0.0	0.0	-2.08	0.0	1.57	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	-1.57	-1.04	0.0	0.0	0.0	0.0
1240	3	16.31	0.0	0.0	-1.60	0.0	1.21	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	-1.21	-0.80	0.0	0.0	0.0	0.0
1240	4	16.31	0.0	0.0	-1.60	0.0	1.21	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	-1.21	-0.80	0.0	0.0	0.0	0.0
1240	5	16.31	0.0	0.0	-1.60	0.0	1.21	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	-1.21	-0.80	0.0	0.0	0.0	0.0
1241	1	22.08	0.0	0.0	-2.08	0.0	510.39	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	507.06	-1.04	0.0	0.0	0.0	0.0
1241	2	16.98	0.0	0.0	-1.60	0.0	415.94	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	413.38	-0.80	0.0	0.0	0.0	0.0
1241	3	16.98	0.0	0.0	-1.60	0.0	382.60	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	380.04	-0.80	0.0	0.0	0.0	0.0
1241	4	16.98	0.0	0.0	-1.60	0.0	315.14	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	312.58	-0.80	0.0	0.0	0.0	0.0
1241	5	16.98	0.0	0.0	-1.60	0.0	315.14	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	312.58	-0.80	0.0	0.0	0.0	0.0
1242	1	22.08	0.0	0.0	-2.08	0.0	711.51	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	714.84	-1.04	0.0	0.0	0.0	0.0
1242	2	16.98	0.0	0.0	-1.60	0.0	576.45	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	579.01	-0.80	0.0	0.0	0.0	0.0
1242	3	16.98	0.0	0.0	-1.60	0.0	534.01	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	536.57	-0.80	0.0	0.0	0.0	0.0
1242	4	16.98	0.0	0.0	-1.60	0.0	449.90	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	452.46	-0.80	0.0	0.0	0.0	0.0
1242	5	16.98	0.0	0.0	-1.60	0.0	449.90	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	452.46	-0.80	0.0	0.0	0.0	0.0
1243	1	22.08	0.0	0.0	-2.08	0.0	602.61	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	599.28	-1.04	0.0	0.0	0.0	0.0
1243	2	16.98	0.0	0.0	-1.60	0.0	489.98	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	487.41	-0.80	0.0	0.0	0.0	0.0
1243	3	16.98	0.0	0.0	-1.60	0.0	451.76	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	449.20	-0.80	0.0	0.0	0.0	0.0
1243	4	16.98	0.0	0.0	-1.60	0.0	375.26	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	372.70	-0.80	0.0	0.0	0.0	0.0
1243	5	16.98	0.0	0.0	-1.60	0.0	375.26	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	372.70	-0.80	0.0	0.0	0.0	0.0
1244	1	22.08	0.0	0.0	-2.08	0.0	617.98	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	621.31	-1.04	0.0	0.0	0.0	0.0
1244	2	16.98	0.0	0.0	-1.60	0.0	501.35	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	503.92	-0.80	0.0	0.0	0.0	0.0
1244	3	16.98	0.0	0.0	-1.60	0.0	463.86	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	466.42	-0.80	0.0	0.0	0.0	0.0
1244	4	16.98	0.0	0.0	-1.60	0.0	388.95	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	391.51	-0.80	0.0	0.0	0.0	0.0
1244	5	16.98	0.0	0.0	-1.60	0.0	388.95	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	391.51	-0.80	0.0	0.0	0.0	0.0
1245	1	22.08	0.0	0.0	-2.08	0.0	645.68	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	642.35	-1.04	0.0	0.0	0.0	0.0
1245	2	16.98	0.0	0.0	-1.60	0.0	524.43	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	521.87	-0.80	0.0	0.0	0.0	0.0
1245	3	16.98	0.0	0.0	-1.60	0.0	484.47	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	481.91	-0.80	0.0	0.0	0.0	0.0
1245	4	16.98	0.0	0.0	-1.60	0.0	404.32	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	401.76	-0.80	0.0	0.0	0.0	0.0
1245	5	16.98	0.0	0.0	-1.60	0.0	404.32	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	401.76	-0.80	0.0	0.0	0.0	0.0
1246	1	22.08	0.0	0.0	-2.08	0.0	574.43	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	577.76	-1.04	0.0	0.0	0.0	0.0
1246	2	16.98	0.0	0.0	-1.60	0.0	466.51	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	469.07	-0.80	0.0	0.0	0.0	0.0
1246	3	16.98	0.0	0.0	-1.60	0.0	430.79	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	433.35	-0.80	0.0	0.0	0.0	0.0
1246	4	16.98	0.0	0.0	-1.60	0.0	359.58	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	362.14	-0.80	0.0	0.0	0.0	0.0
1246	5	16.98	0.0	0.0	-1.60	0.0	359.58	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	362.14	-0.80	0.0	0.0	0.0	0.0
1247	1	22.08	0.0	0.0	-2.08	0.0	752.63	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	749.30	-1.04	0.0	0.0	0.0	0.0
1247	2	16.98	0.0	0.0	-1.60	0.0	609.98	0.80	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	84.9	607.41	-0.80	0.0	0.0	0.0	0.0
1247	3	16.98	0.0	0.0	-1.60	0.0	565.26	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	562.70	-0.80	0.0	0.0	0.0	0.0
1247	4	16.98	0.0	0.0	-1.60	0.0	475.64	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	473.08	-0.80	0.0	0.0	0.0	0.0
1247	5	16.98	0.0	0.0	-1.60	0.0	475.64	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	473.08	-0.80	0.0	0.0	0.0	0.0
1248	1	22.08	0.0	0.0	-2.08	0.0	467.45	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	470.78	-1.04	0.0	0.0	0.0	0.0
1248	2	16.98	0.0	0.0	-1.60	0.0	380.93	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	383.49	-0.80	0.0	0.0	0.0	0.0
1248	3	16.98	0.0	0.0	-1.60	0.0	349.97	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	352.53	-0.80	0.0	0.0	0.0	0.0
1248	4	16.98	0.0	0.0	-1.60	0.0	288.25	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	290.81	-0.80	0.0	0.0	0.0	0.0
1248	5	16.98	0.0	0.0	-1.60	0.0	288.25	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	290.81	-0.80	0.0	0.0	0.0	0.0
1249	1	21.20	0.0	0.0	-2.08	0.0	57.47	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	60.62	-1.04	0.0	0.0	0.0	0.0
1249	2	16.31	0.0	0.0	-1.60	0.0	46.88	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	49.30	-0.80	0.0	0.0	0.0	0.0
1249	3	16.31	0.0	0.0	-1.60	0.0	41.72	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	44.14	-0.80	0.0	0.0	0.0	0.0
1249	4	16.31	0.0	0.0	-1.60	0.0	34.40	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	36.82	-0.80	0.0	0.0	0.0	0.0
1249	5	16.31	0.0	0.0	-1.60	0.0	34.40	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	36.82	-0.80	0.0	0.0	0.0	0.0
1250	1	22.08	0.0	0.0	-2.08	0.0	548.16	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	551.49	-1.04	0.0	0.0	0.0	0.0
1250	2	16.98	0.0	0.0	-1.60	0.0	445.74	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	448.30	-0.80	0.0	0.0	0.0	0.0
1250	3	16.98	0.0	0.0	-1.60	0.0	410.47	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	413.03	-0.80	0.0	0.0	0.0	0.0
1250	4	16.98	0.0	0.0	-1.60	0.0	340.92	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	343.48	-0.80	0.0	0.0	0.0	0.0
1250	5	16.98	0.0	0.0	-1.60	0.0	340.92	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	343.48	-0.80	0.0	0.0	0.0	0.0
1251	1	22.08	0.0	0.0	-2.08	0.0	734.57	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	731.24	-1.04	0.0	0.0	0.0	0.0
1251	2	16.98	0.0	0.0	-1.60	0.0	595.99	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	593.43	-0.80	0.0	0.0	0.0	0.0
1251	3	16.98	0.0	0.0	-1.60	0.0	550.54	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	547.98	-0.80	0.0	0.0	0.0	0.0
1251	4	16.98	0.0	0.0	-1.60	0.0	461.53	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	458.96	-0.80	0.0	0.0	0.0	0.0
1251	5	16.98	0.0	0.0	-1.60	0.0	461.53	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	458.96	-0.80	0.0	0.0	0.0	0.0
1252	1	21.20	0.0	0.0	-2.08	0.0	1.57	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	-1.57	-1.04	0.0	0.0	0.0	0.0
1252	3	16.31	0.0	0.0	-1.60	0.0	1.21	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	-1.21	-0.80	0.0	0.0	0.0	0.0
1252	4	16.31	0.0	0.0	-1.60	0.0	1.21	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	-1.21	-0.80	0.0	0.0	0.0	0.0
1252	5	16.31	0.0	0.0	-1.60	0.0	1.21	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	81.5	-1.21	-0.80	0.0	0.0	0.0	0.0
1253	1	22.08	0.0	0.0	-2.08	0.0	461.81	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	458.48	-1.04	0.0	0.0	0.0	0.0
1253	2	16.98	0.0	0.0	-1.60	0.0	375.28	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	372.72	-0.80	0.0	0.0	0.0	0.0
1253	3	16.98	0.0	0.0	-1.60	0.0	346.52	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	343.96	-0.80	0.0	0.0	0.0	0.0
1253	4	16.98	0.0	0.0	-1.60	0.0	288.62	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	286.06	-0.80	0.0	0.0	0.0	0.0
1253	5	16.98	0.0	0.0	-1.60	0.0	288.62	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	286.06	-0.80	0.0	0.0	0.0	0.0
1254	1	22.08	0.0	0.0	-2.08	0.0	763.06	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	766.39	-1.04	0.0	0.0	0.0	0.0
1254	2	16.98	0.0	0.0	-1.60	0.0	619.53	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	622.09	-0.80	0.0	0.0	0.0	0.0
1254	3	16.98	0.0	0.0	-1.60	0.0	572.32	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	574.88	-0.80	0.0	0.0	0.0	0.0
1254	4	16.98	0.0	0.0	-1.60	0.0	478.27	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	480.83	-0.80	0.0	0.0	0.0	0.0
1254	5	16.98	0.0	0.0	-1.60	0.0	478.27	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	480.83	-0.80	0.0	0.0	0.0	0.0
1255	1	22.08	0.0	0.0	-2.08	0.0	704.25	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	700.92	-1.04	0.0	0.0	0.0	0.0

1255	2	16.98	0.0	0.0	-1.60	0.0	570.97	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	568.41	-0.80	0.0	0.0	0.0	0.0
1255	3	16.98	0.0	0.0	-1.60	0.0	528.66	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	526.10	-0.80	0.0	0.0	0.0	0.0
1255	4	16.98	0.0	0.0	-1.60	0.0	444.19	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	441.63	-0.80	0.0	0.0	0.0	0.0
1255	5	16.98	0.0	0.0	-1.60	0.0	444.19	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	441.63	-0.80	0.0	0.0	0.0	0.0
1256	1	22.08	0.0	0.0	-2.08	0.0	350.35	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	353.68	-1.04	0.0	0.0	0.0	0.0
1256	2	16.98	0.0	0.0	-1.60	0.0	285.16	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	287.72	-0.80	0.0	0.0	0.0	0.0
1256	3	16.98	0.0	0.0	-1.60	0.0	262.61	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	265.17	-0.80	0.0	0.0	0.0	0.0
1256	4	16.98	0.0	0.0	-1.60	0.0	217.38	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	219.94	-0.80	0.0	0.0	0.0	0.0
1256	5	16.98	0.0	0.0	-1.60	0.0	217.38	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	219.94	-0.80	0.0	0.0	0.0	0.0
1257	1	22.08	0.0	0.0	-2.08	0.0	507.28	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	503.96	-1.04	0.0	0.0	0.0	0.0
1257	2	16.98	0.0	0.0	-1.60	0.0	411.66	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	409.10	-0.80	0.0	0.0	0.0	0.0
1257	3	16.98	0.0	0.0	-1.60	0.0	380.60	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	378.04	-0.80	0.0	0.0	0.0	0.0
1257	4	16.98	0.0	0.0	-1.60	0.0	318.79	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	316.23	-0.80	0.0	0.0	0.0	0.0
1257	5	16.98	0.0	0.0	-1.60	0.0	318.79	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	316.23	-0.80	0.0	0.0	0.0	0.0
1258	1	22.08	0.0	0.0	-2.08	0.0	544.78	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	548.11	-1.04	0.0	0.0	0.0	0.0
1258	2	16.98	0.0	0.0	-1.60	0.0	442.41	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	444.97	-0.80	0.0	0.0	0.0	0.0
1258	3	16.98	0.0	0.0	-1.60	0.0	408.77	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	411.33	-0.80	0.0	0.0	0.0	0.0
1258	4	16.98	0.0	0.0	-1.60	0.0	341.20	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	343.76	-0.80	0.0	0.0	0.0	0.0
1258	5	16.98	0.0	0.0	-1.60	0.0	341.20	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	343.76	-0.80	0.0	0.0	0.0	0.0
1259	1	22.08	0.0	0.0	-2.08	0.0	398.47	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	395.15	-1.04	0.0	0.0	0.0	0.0
1259	2	16.98	0.0	0.0	-1.60	0.0	323.95	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	321.39	-0.80	0.0	0.0	0.0	0.0
1259	3	16.98	0.0	0.0	-1.60	0.0	298.78	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	296.22	-0.80	0.0	0.0	0.0	0.0
1259	4	16.98	0.0	0.0	-1.60	0.0	248.26	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	245.70	-0.80	0.0	0.0	0.0	0.0
1259	5	16.98	0.0	0.0	-1.60	0.0	248.26	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	245.70	-0.80	0.0	0.0	0.0	0.0
1260	1	22.08	0.0	0.0	-2.08	0.0	653.05	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	656.38	-1.04	0.0	0.0	0.0	0.0
1260	2	16.98	0.0	0.0	-1.60	0.0	529.69	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	532.25	-0.80	0.0	0.0	0.0	0.0
1260	3	16.98	0.0	0.0	-1.60	0.0	490.19	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	492.75	-0.80	0.0	0.0	0.0	0.0
1260	4	16.98	0.0	0.0	-1.60	0.0	411.38	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	413.94	-0.80	0.0	0.0	0.0	0.0
1260	5	16.98	0.0	0.0	-1.60	0.0	411.38	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	413.94	-0.80	0.0	0.0	0.0	0.0
1261	1	22.08	0.0	0.0	-2.08	0.0	443.04	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	439.71	-1.04	0.0	0.0	0.0	0.0
1261	2	16.98	0.0	0.0	-1.60	0.0	359.74	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	357.18	-0.80	0.0	0.0	0.0	0.0
1261	3	16.98	0.0	0.0	-1.60	0.0	332.32	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	329.76	-0.80	0.0	0.0	0.0	0.0
1261	4	16.98	0.0	0.0	-1.60	0.0	277.50	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	274.94	-0.80	0.0	0.0	0.0	0.0
1261	5	16.98	0.0	0.0	-1.60	0.0	277.50	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	274.94	-0.80	0.0	0.0	0.0	0.0
1262	1	22.08	0.0	0.0	-2.08	0.0	608.67	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	612.00	-1.04	0.0	0.0	0.0	0.0
1262	2	16.98	0.0	0.0	-1.60	0.0	494.04	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	496.60	-0.80	0.0	0.0	0.0	0.0
1262	3	16.98	0.0	0.0	-1.60	0.0	456.78	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	459.34	-0.80	0.0	0.0	0.0	0.0
1262	4	16.98	0.0	0.0	-1.60	0.0	382.25	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	384.81	-0.80	0.0	0.0	0.0	0.0
1262	5	16.98	0.0	0.0	-1.60	0.0	382.25	0.80	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	84.9	384.81	-0.80	0.0	0.0	0.0	0.0
1263	1	22.08	0.0	0.0	-2.08	0.0	505.83	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	502.50	-1.04	0.0	0.0	0.0	0.0
1263	2	16.98	0.0	0.0	-1.60	0.0	410.41	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	407.85	-0.80	0.0	0.0	0.0	0.0
1263	3	16.98	0.0	0.0	-1.60	0.0	379.70	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	377.14	-0.80	0.0	0.0	0.0	0.0
1263	4	16.98	0.0	0.0	-1.60	0.0	318.34	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	315.78	-0.80	0.0	0.0	0.0	0.0
1263	5	16.98	0.0	0.0	-1.60	0.0	318.34	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	315.78	-0.80	0.0	0.0	0.0	0.0
1264	1	22.08	0.0	0.0	-2.08	0.0	546.73	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	550.05	-1.04	0.0	0.0	0.0	0.0
1264	2	16.98	0.0	0.0	-1.60	0.0	444.06	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	446.62	-0.80	0.0	0.0	0.0	0.0
1264	3	16.98	0.0	0.0	-1.60	0.0	410.04	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	412.60	-0.80	0.0	0.0	0.0	0.0
1264	4	16.98	0.0	0.0	-1.60	0.0	341.95	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	344.51	-0.80	0.0	0.0	0.0	0.0
1264	5	16.98	0.0	0.0	-1.60	0.0	341.95	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	344.51	-0.80	0.0	0.0	0.0	0.0
1265	1	22.08	0.0	0.0	-2.08	0.0	498.75	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	495.43	-1.04	0.0	0.0	0.0	0.0
1265	2	16.98	0.0	0.0	-1.60	0.0	404.81	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	402.25	-0.80	0.0	0.0	0.0	0.0
1265	3	16.98	0.0	0.0	-1.60	0.0	374.24	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	371.68	-0.80	0.0	0.0	0.0	0.0
1265	4	16.98	0.0	0.0	-1.60	0.0	313.37	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	310.81	-0.80	0.0	0.0	0.0	0.0
1265	5	16.98	0.0	0.0	-1.60	0.0	313.37	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	310.81	-0.80	0.0	0.0	0.0	0.0
1266	1	22.08	0.0	0.0	-2.08	0.0	554.51	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	557.84	-1.04	0.0	0.0	0.0	0.0
1266	2	16.98	0.0	0.0	-1.60	0.0	450.24	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	452.80	-0.80	0.0	0.0	0.0	0.0
1266	3	16.98	0.0	0.0	-1.60	0.0	416.04	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	418.60	-0.80	0.0	0.0	0.0	0.0
1266	4	16.98	0.0	0.0	-1.60	0.0	347.37	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	349.93	-0.80	0.0	0.0	0.0	0.0
1266	5	16.98	0.0	0.0	-1.60	0.0	347.37	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	349.93	-0.80	0.0	0.0	0.0	0.0
1267	1	22.08	0.0	0.0	-2.08	0.0	482.36	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	479.04	-1.04	0.0	0.0	0.0	0.0
1267	2	16.98	0.0	0.0	-1.60	0.0	391.81	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	389.25	-0.80	0.0	0.0	0.0	0.0
1267	3	16.98	0.0	0.0	-1.60	0.0	361.71	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	359.15	-0.80	0.0	0.0	0.0	0.0
1267	4	16.98	0.0	0.0	-1.60	0.0	301.61	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	299.05	-0.80	0.0	0.0	0.0	0.0
1267	5	16.98	0.0	0.0	-1.60	0.0	301.61	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	299.05	-0.80	0.0	0.0	0.0	0.0
1268	1	22.08	0.0	0.0	-2.08	0.0	570.98	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	574.31	-1.04	0.0	0.0	0.0	0.0
1268	2	16.98	0.0	0.0	-1.60	0.0	463.30	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	465.86	-0.80	0.0	0.0	0.0	0.0
1268	3	16.98	0.0	0.0	-1.60	0.0	428.63	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	431.19	-0.80	0.0	0.0	0.0	0.0
1268	4	16.98	0.0	0.0	-1.60	0.0	359.18	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	361.74	-0.80	0.0	0.0	0.0	0.0
1268	5	16.98	0.0	0.0	-1.60	0.0	359.18	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	361.74	-0.80	0.0	0.0	0.0	0.0
1269	1	22.08	0.0	0.0	-2.08	0.0	516.36	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	513.03	-1.04	0.0	0.0	0.0	0.0
1269	2	16.98	0.0	0.0	-1.60	0.0	419.18	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	416.62	-0.80	0.0	0.0	0.0	0.0
1269	3	16.98	0.0	0.0	-1.60	0.0	387.48	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	384.92	-0.80	0.0	0.0	0.0	0.0
1269	4	16.98	0.0	0.0	-1.60	0.0	324.00	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	321.44	-0.80	0.0	0.0	0.0	0.0
1269	5	16.98	0.0	0.0	-1.60	0.0	324.00	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	321.44	-0.80	0.0	0.0	0.0	0.0
1270	1	22.08	0.0	0.0	-2.08	0.0	536.97	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	540.30	-1.04	0.0	0.0	0.0	0.0
1270	2	16.98	0.0	0.0	-1.60	0.0	435.92	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	438.48	-0.80	0.0	0.0	0.0	0.0
1270	3	16.98	0.0	0.0	-1.60	0.0	402.84	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	405.40	-0.80	0.0	0.0	0.0	0.0

1270	4	16.98	0.0	0.0	-1.60	0.0	336.78	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	339.34	-0.80	0.0	0.0	0.0	0.0
1270	5	16.98	0.0	0.0	-1.60	0.0	336.78	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	339.34	-0.80	0.0	0.0	0.0	0.0
1271	1	22.08	0.0	0.0	-2.08	0.0	555.87	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	552.54	-1.04	0.0	0.0	0.0	0.0
1271	2	16.98	0.0	0.0	-1.60	0.0	450.95	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	448.39	-0.80	0.0	0.0	0.0	0.0
1271	3	16.98	0.0	0.0	-1.60	0.0	417.24	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	414.68	-0.80	0.0	0.0	0.0	0.0
1271	4	16.98	0.0	0.0	-1.60	0.0	349.81	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	347.25	-0.80	0.0	0.0	0.0	0.0
1271	5	16.98	0.0	0.0	-1.60	0.0	349.81	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	347.25	-0.80	0.0	0.0	0.0	0.0
1272	1	22.08	0.0	0.0	-2.08	0.0	497.66	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	500.99	-1.04	0.0	0.0	0.0	0.0
1272	2	16.98	0.0	0.0	-1.60	0.0	404.31	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	406.87	-0.80	0.0	0.0	0.0	0.0
1272	3	16.98	0.0	0.0	-1.60	0.0	373.24	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	375.80	-0.80	0.0	0.0	0.0	0.0
1272	4	16.98	0.0	0.0	-1.60	0.0	311.10	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	313.66	-0.80	0.0	0.0	0.0	0.0
1272	5	16.98	0.0	0.0	-1.60	0.0	311.10	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	313.66	-0.80	0.0	0.0	0.0	0.0
1273	1	22.08	0.0	0.0	-2.08	0.0	535.03	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	531.70	-1.04	0.0	0.0	0.0	0.0
1273	2	16.98	0.0	0.0	-1.60	0.0	434.33	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	431.77	-0.80	0.0	0.0	0.0	0.0
1273	3	16.98	0.0	0.0	-1.60	0.0	401.46	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	398.90	-0.80	0.0	0.0	0.0	0.0
1273	4	16.98	0.0	0.0	-1.60	0.0	335.73	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	333.17	-0.80	0.0	0.0	0.0	0.0
1273	5	16.98	0.0	0.0	-1.60	0.0	335.73	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	333.17	-0.80	0.0	0.0	0.0	0.0
1274	1	22.08	0.0	0.0	-2.08	0.0	518.98	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	522.30	-1.04	0.0	0.0	0.0	0.0
1274	2	16.98	0.0	0.0	-1.60	0.0	421.31	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	423.87	-0.80	0.0	0.0	0.0	0.0
1274	3	16.98	0.0	0.0	-1.60	0.0	389.38	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	391.94	-0.80	0.0	0.0	0.0	0.0
1274	4	16.98	0.0	0.0	-1.60	0.0	325.49	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	328.05	-0.80	0.0	0.0	0.0	0.0
1274	5	16.98	0.0	0.0	-1.60	0.0	325.49	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	328.05	-0.80	0.0	0.0	0.0	0.0
1275	1	22.08	0.0	0.0	-2.08	0.0	443.52	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	440.19	-1.04	0.0	0.0	0.0	0.0
1275	2	16.98	0.0	0.0	-1.60	0.0	360.86	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	358.30	-0.80	0.0	0.0	0.0	0.0
1275	3	16.98	0.0	0.0	-1.60	0.0	332.33	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	329.77	-0.80	0.0	0.0	0.0	0.0
1275	4	16.98	0.0	0.0	-1.60	0.0	275.51	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	272.95	-0.80	0.0	0.0	0.0	0.0
1275	5	16.98	0.0	0.0	-1.60	0.0	275.51	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	272.95	-0.80	0.0	0.0	0.0	0.0
1276	1	22.08	0.0	0.0	-2.08	0.0	610.57	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	613.90	-1.04	0.0	0.0	0.0	0.0
1276	2	16.98	0.0	0.0	-1.60	0.0	494.85	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	497.41	-0.80	0.0	0.0	0.0	0.0
1276	3	16.98	0.0	0.0	-1.60	0.0	458.57	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	461.13	-0.80	0.0	0.0	0.0	0.0
1276	4	16.98	0.0	0.0	-1.60	0.0	385.77	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	388.33	-0.80	0.0	0.0	0.0	0.0
1276	5	16.98	0.0	0.0	-1.60	0.0	385.77	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	388.33	-0.80	0.0	0.0	0.0	0.0
1277	1	22.08	0.0	0.0	-2.08	0.0	484.28	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	480.95	-1.04	0.0	0.0	0.0	0.0
1277	2	16.98	0.0	0.0	-1.60	0.0	393.73	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	391.16	-0.80	0.0	0.0	0.0	0.0
1277	3	16.98	0.0	0.0	-1.60	0.0	363.02	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	360.46	-0.80	0.0	0.0	0.0	0.0
1277	4	16.98	0.0	0.0	-1.60	0.0	301.79	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	299.23	-0.80	0.0	0.0	0.0	0.0
1277	5	16.98	0.0	0.0	-1.60	0.0	301.79	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	299.23	-0.80	0.0	0.0	0.0	0.0
1278	1	22.08	0.0	0.0	-2.08	0.0	569.85	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	573.18	-1.04	0.0	0.0	0.0	0.0
1278	2	16.98	0.0	0.0	-1.60	0.0	462.01	0.80	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	84.9	464.57	-0.80	0.0	0.0	0.0	0.0
1278	3	16.98	0.0	0.0	-1.60	0.0	427.91	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	430.47	-0.80	0.0	0.0	0.0	0.0
1278	4	16.98	0.0	0.0	-1.60	0.0	359.52	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	362.08	-0.80	0.0	0.0	0.0	0.0
1278	5	16.98	0.0	0.0	-1.60	0.0	359.52	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	362.08	-0.80	0.0	0.0	0.0	0.0
1279	1	22.08	0.0	0.0	-2.08	0.0	517.53	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	514.20	-1.04	0.0	0.0	0.0	0.0
1279	2	16.98	0.0	0.0	-1.60	0.0	420.46	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	417.90	-0.80	0.0	0.0	0.0	0.0
1279	3	16.98	0.0	0.0	-1.60	0.0	388.13	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	385.57	-0.80	0.0	0.0	0.0	0.0
1279	4	16.98	0.0	0.0	-1.60	0.0	323.57	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	321.00	-0.80	0.0	0.0	0.0	0.0
1279	5	16.98	0.0	0.0	-1.60	0.0	323.57	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	321.00	-0.80	0.0	0.0	0.0	0.0
1280	1	22.08	0.0	0.0	-2.08	0.0	536.94	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	540.27	-1.04	0.0	0.0	0.0	0.0
1280	2	16.98	0.0	0.0	-1.60	0.0	435.54	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	438.10	-0.80	0.0	0.0	0.0	0.0
1280	3	16.98	0.0	0.0	-1.60	0.0	403.06	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	405.62	-0.80	0.0	0.0	0.0	0.0
1280	4	16.98	0.0	0.0	-1.60	0.0	337.98	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	340.54	-0.80	0.0	0.0	0.0	0.0
1280	5	16.98	0.0	0.0	-1.60	0.0	337.98	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	340.54	-0.80	0.0	0.0	0.0	0.0
1281	1	22.08	0.0	0.0	-2.08	0.0	568.87	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	565.55	-1.04	0.0	0.0	0.0	0.0
1281	2	16.98	0.0	0.0	-1.60	0.0	461.67	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	459.11	-0.80	0.0	0.0	0.0	0.0
1281	3	16.98	0.0	0.0	-1.60	0.0	426.78	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	424.22	-0.80	0.0	0.0	0.0	0.0
1281	4	16.98	0.0	0.0	-1.60	0.0	357.26	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	354.70	-0.80	0.0	0.0	0.0	0.0
1281	5	16.98	0.0	0.0	-1.60	0.0	357.26	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	354.70	-0.80	0.0	0.0	0.0	0.0
1282	1	22.08	0.0	0.0	-2.08	0.0	485.24	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	488.57	-1.04	0.0	0.0	0.0	0.0
1282	2	16.98	0.0	0.0	-1.60	0.0	394.05	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	396.61	-0.80	0.0	0.0	0.0	0.0
1282	3	16.98	0.0	0.0	-1.60	0.0	364.14	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	366.70	-0.80	0.0	0.0	0.0	0.0
1282	4	16.98	0.0	0.0	-1.60	0.0	304.06	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	306.62	-0.80	0.0	0.0	0.0	0.0
1282	5	16.98	0.0	0.0	-1.60	0.0	304.06	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	306.62	-0.80	0.0	0.0	0.0	0.0
1283	1	22.08	0.0	0.0	-2.08	0.0	648.07	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	644.75	-1.04	0.0	0.0	0.0	0.0
1283	2	16.98	0.0	0.0	-1.60	0.0	525.38	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	522.82	-0.80	0.0	0.0	0.0	0.0
1283	3	16.98	0.0	0.0	-1.60	0.0	486.47	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	483.91	-0.80	0.0	0.0	0.0	0.0
1283	4	16.98	0.0	0.0	-1.60	0.0	409.01	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	406.45	-0.80	0.0	0.0	0.0	0.0
1283	5	16.98	0.0	0.0	-1.60	0.0	409.01	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	406.45	-0.80	0.0	0.0	0.0	0.0
1284	1	22.08	0.0	0.0	-2.08	0.0	405.45	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	408.77	-1.04	0.0	0.0	0.0	0.0
1284	2	16.98	0.0	0.0	-1.60	0.0	329.86	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	332.42	-0.80	0.0	0.0	0.0	0.0
1284	3	16.98	0.0	0.0	-1.60	0.0	304.00	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	306.56	-0.80	0.0	0.0	0.0	0.0
1284	4	16.98	0.0	0.0	-1.60	0.0	251.93	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	254.49	-0.80	0.0	0.0	0.0	0.0
1284	5	16.98	0.0	0.0	-1.60	0.0	251.93	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	254.49	-0.80	0.0	0.0	0.0	0.0
1285	1	22.08	0.0	0.0	-2.08	0.0	705.20	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	701.87	-1.04	0.0	0.0	0.0	0.0
1285	2	16.98	0.0	0.0	-1.60	0.0	570.86	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	568.30	-0.80	0.0	0.0	0.0	0.0
1285	3	16.98	0.0	0.0	-1.60	0.0	529.85	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	527.29	-0.80	0.0	0.0	0.0	0.0
1285	4	16.98	0.0	0.0	-1.60	0.0	447.76	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	445.20	-0.80	0.0	0.0	0.0	0.0
1285	5	16.98	0.0	0.0	-1.60	0.0	447.76	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	445.20	-0.80	0.0	0.0	0.0	0.0

1286	1	22.08	0.0	0.0	-2.08	0.0	351.73	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	355.05	-1.04	0.0	0.0	0.0	0.0
1286	2	16.98	0.0	0.0	-1.60	0.0	287.14	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	289.70	-0.80	0.0	0.0	0.0	0.0
1286	3	16.98	0.0	0.0	-1.60	0.0	263.18	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	265.74	-0.80	0.0	0.0	0.0	0.0
1286	4	16.98	0.0	0.0	-1.60	0.0	215.32	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	217.88	-0.80	0.0	0.0	0.0	0.0
1286	5	16.98	0.0	0.0	-1.60	0.0	215.32	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	217.88	-0.80	0.0	0.0	0.0	0.0
1287	1	22.08	0.0	0.0	-2.08	0.0	761.37	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	758.04	-1.04	0.0	0.0	0.0	0.0
1287	2	16.98	0.0	0.0	-1.60	0.0	617.78	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	615.22	-0.80	0.0	0.0	0.0	0.0
1287	3	16.98	0.0	0.0	-1.60	0.0	571.47	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	568.91	-0.80	0.0	0.0	0.0	0.0
1287	4	16.98	0.0	0.0	-1.60	0.0	478.88	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	476.32	-0.80	0.0	0.0	0.0	0.0
1287	5	16.98	0.0	0.0	-1.60	0.0	478.88	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	476.32	-0.80	0.0	0.0	0.0	0.0
1288	1	22.08	0.0	0.0	-2.08	0.0	466.70	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	470.03	-1.04	0.0	0.0	0.0	0.0
1288	2	16.98	0.0	0.0	-1.60	0.0	379.61	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	382.17	-0.80	0.0	0.0	0.0	0.0
1288	3	16.98	0.0	0.0	-1.60	0.0	349.77	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	352.33	-0.80	0.0	0.0	0.0	0.0
1288	4	16.98	0.0	0.0	-1.60	0.0	290.05	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	292.61	-0.80	0.0	0.0	0.0	0.0
1288	5	16.98	0.0	0.0	-1.60	0.0	290.05	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	292.61	-0.80	0.0	0.0	0.0	0.0
1289	1	22.08	0.0	0.0	-2.08	0.0	630.47	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	627.14	-1.04	0.0	0.0	0.0	0.0
1289	2	16.98	0.0	0.0	-1.60	0.0	511.86	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	509.30	-0.80	0.0	0.0	0.0	0.0
1289	3	16.98	0.0	0.0	-1.60	0.0	473.04	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	470.48	-0.80	0.0	0.0	0.0	0.0
1289	4	16.98	0.0	0.0	-1.60	0.0	395.61	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	393.05	-0.80	0.0	0.0	0.0	0.0
1289	5	16.98	0.0	0.0	-1.60	0.0	395.61	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	393.05	-0.80	0.0	0.0	0.0	0.0
1290	1	22.08	0.0	0.0	-2.08	0.0	593.76	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	597.09	-1.04	0.0	0.0	0.0	0.0
1290	2	16.98	0.0	0.0	-1.60	0.0	482.41	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	484.97	-0.80	0.0	0.0	0.0	0.0
1290	3	16.98	0.0	0.0	-1.60	0.0	445.31	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	447.87	-0.80	0.0	0.0	0.0	0.0
1290	4	16.98	0.0	0.0	-1.60	0.0	370.91	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	373.47	-0.80	0.0	0.0	0.0	0.0
1290	5	16.98	0.0	0.0	-1.60	0.0	370.91	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	373.47	-0.80	0.0	0.0	0.0	0.0
1291	1	22.08	0.0	0.0	-2.08	0.0	630.92	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	627.59	-1.04	0.0	0.0	0.0	0.0
1291	2	16.98	0.0	0.0	-1.60	0.0	512.72	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	510.16	-0.80	0.0	0.0	0.0	0.0
1291	3	16.98	0.0	0.0	-1.60	0.0	473.03	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	470.47	-0.80	0.0	0.0	0.0	0.0
1291	4	16.98	0.0	0.0	-1.60	0.0	393.56	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	391.00	-0.80	0.0	0.0	0.0	0.0
1291	5	16.98	0.0	0.0	-1.60	0.0	393.56	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	391.00	-0.80	0.0	0.0	0.0	0.0
1292	1	22.08	0.0	0.0	-2.08	0.0	593.19	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	596.52	-1.04	0.0	0.0	0.0	0.0
1292	2	16.98	0.0	0.0	-1.60	0.0	481.46	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	484.02	-0.80	0.0	0.0	0.0	0.0
1292	3	16.98	0.0	0.0	-1.60	0.0	445.24	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	447.80	-0.80	0.0	0.0	0.0	0.0
1292	4	16.98	0.0	0.0	-1.60	0.0	372.89	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	375.45	-0.80	0.0	0.0	0.0	0.0
1292	5	16.98	0.0	0.0	-1.60	0.0	372.89	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	375.45	-0.80	0.0	0.0	0.0	0.0
1293	1	22.08	0.0	0.0	-2.08	0.0	506.07	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	502.74	-1.04	0.0	0.0	0.0	0.0
1293	2	16.98	0.0	0.0	-1.60	0.0	411.14	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	408.58	-0.80	0.0	0.0	0.0	0.0
1293	3	16.98	0.0	0.0	-1.60	0.0	379.57	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	377.01	-0.80	0.0	0.0	0.0	0.0
1293	4	16.98	0.0	0.0	-1.60	0.0	316.33	0.80	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	84.9	313.77	-0.80	0.0	0.0	0.0	0.0
1293	5	16.98	0.0	0.0	-1.60	0.0	316.33	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	313.77	-0.80	0.0	0.0	0.0	0.0
1294	1	22.08	0.0	0.0	-2.08	0.0	719.17	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	722.50	-1.04	0.0	0.0	0.0	0.0
1294	2	16.98	0.0	0.0	-1.60	0.0	583.95	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	586.51	-0.80	0.0	0.0	0.0	0.0
1294	3	16.98	0.0	0.0	-1.60	0.0	539.54	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	542.10	-0.80	0.0	0.0	0.0	0.0
1294	4	16.98	0.0	0.0	-1.60	0.0	450.82	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	453.38	-0.80	0.0	0.0	0.0	0.0
1294	5	16.98	0.0	0.0	-1.60	0.0	450.82	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	453.38	-0.80	0.0	0.0	0.0	0.0
1295	1	22.08	0.0	0.0	-2.08	0.0	413.51	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	410.18	-1.04	0.0	0.0	0.0	0.0
1295	2	16.98	0.0	0.0	-1.60	0.0	335.72	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	333.16	-0.80	0.0	0.0	0.0	0.0
1295	3	16.98	0.0	0.0	-1.60	0.0	310.43	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	307.86	-0.80	0.0	0.0	0.0	0.0
1295	4	16.98	0.0	0.0	-1.60	0.0	259.61	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	257.05	-0.80	0.0	0.0	0.0	0.0
1295	5	16.98	0.0	0.0	-1.60	0.0	259.61	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	257.05	-0.80	0.0	0.0	0.0	0.0
1296	1	22.08	0.0	0.0	-2.08	0.0	811.83	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	815.16	-1.04	0.0	0.0	0.0	0.0
1296	2	16.98	0.0	0.0	-1.60	0.0	659.46	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	662.02	-0.80	0.0	0.0	0.0	0.0
1296	3	16.98	0.0	0.0	-1.60	0.0	608.76	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	611.32	-0.80	0.0	0.0	0.0	0.0
1296	4	16.98	0.0	0.0	-1.60	0.0	507.61	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	510.17	-0.80	0.0	0.0	0.0	0.0
1296	5	16.98	0.0	0.0	-1.60	0.0	507.61	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	510.17	-0.80	0.0	0.0	0.0	0.0
1297	1	22.08	0.0	0.0	-2.08	0.0	563.65	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	560.32	-1.04	0.0	0.0	0.0	0.0
1297	2	16.98	0.0	0.0	-1.60	0.0	457.68	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	455.12	-0.80	0.0	0.0	0.0	0.0
1297	3	16.98	0.0	0.0	-1.60	0.0	422.77	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	420.21	-0.80	0.0	0.0	0.0	0.0
1297	4	16.98	0.0	0.0	-1.60	0.0	352.86	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	350.30	-0.80	0.0	0.0	0.0	0.0
1297	5	16.98	0.0	0.0	-1.60	0.0	352.86	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	350.30	-0.80	0.0	0.0	0.0	0.0
1298	1	22.08	0.0	0.0	-2.08	0.0	661.84	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	665.17	-1.04	0.0	0.0	0.0	0.0
1298	2	16.98	0.0	0.0	-1.60	0.0	537.62	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	540.18	-0.80	0.0	0.0	0.0	0.0
1298	3	16.98	0.0	0.0	-1.60	0.0	496.54	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	499.10	-0.80	0.0	0.0	0.0	0.0
1298	4	16.98	0.0	0.0	-1.60	0.0	414.46	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	417.02	-0.80	0.0	0.0	0.0	0.0
1298	5	16.98	0.0	0.0	-1.60	0.0	414.46	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	417.02	-0.80	0.0	0.0	0.0	0.0
1299	1	22.08	0.0	0.0	-2.08	0.0	677.34	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	674.01	-1.04	0.0	0.0	0.0	0.0
1299	2	16.98	0.0	0.0	-1.60	0.0	550.34	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	547.78	-0.80	0.0	0.0	0.0	0.0
1299	3	16.98	0.0	0.0	-1.60	0.0	507.84	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	505.28	-0.80	0.0	0.0	0.0	0.0
1299	4	16.98	0.0	0.0	-1.60	0.0	423.21	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	420.65	-0.80	0.0	0.0	0.0	0.0
1299	5	16.98	0.0	0.0	-1.60	0.0	423.21	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	420.65	-0.80	0.0	0.0	0.0	0.0
1300	1	22.08	0.0	0.0	-2.08	0.0	549.56	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	552.89	-1.04	0.0	0.0	0.0	0.0
1300	2	16.98	0.0	0.0	-1.60	0.0	446.10	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	448.66	-0.80	0.0	0.0	0.0	0.0
1300	3	16.98	0.0	0.0	-1.60	0.0	412.52	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	415.08	-0.80	0.0	0.0	0.0	0.0
1300	4	16.98	0.0	0.0	-1.60	0.0	345.00	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	347.56	-0.80	0.0	0.0	0.0	0.0
1300	5	16.98	0.0	0.0	-1.60	0.0	345.00	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	347.56	-0.80	0.0	0.0	0.0	0.0
1301	1	22.08	0.0	0.0	-2.08	0.0	593.26	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	589.93	-1.04	0.0	0.0	0.0	0.0
1301	2	16.98	0.0	0.0	-1.60	0.0	481.91	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	479.35	-0.80	0.0	0.0	0.0	0.0

1301	3	16.98	0.0	0.0	-1.60	0.0	445.07	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	442.51	-0.80	0.0	0.0	0.0	0.0
1301	4	16.98	0.0	0.0	-1.60	0.0	371.44	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	368.88	-0.80	0.0	0.0	0.0	0.0
1301	5	16.98	0.0	0.0	-1.60	0.0	371.44	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	368.88	-0.80	0.0	0.0	0.0	0.0
1302	1	22.08	0.0	0.0	-2.08	0.0	634.56	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	637.89	-1.04	0.0	0.0	0.0	0.0
1302	2	16.98	0.0	0.0	-1.60	0.0	515.28	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	517.84	-0.80	0.0	0.0	0.0	0.0
1302	3	16.98	0.0	0.0	-1.60	0.0	475.98	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	478.54	-0.80	0.0	0.0	0.0	0.0
1302	4	16.98	0.0	0.0	-1.60	0.0	397.35	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	399.91	-0.80	0.0	0.0	0.0	0.0
1302	5	16.98	0.0	0.0	-1.60	0.0	397.35	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	399.91	-0.80	0.0	0.0	0.0	0.0
1303	1	22.08	0.0	0.0	-2.08	0.0	519.26	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	515.93	-1.04	0.0	0.0	0.0	0.0
1303	2	16.98	0.0	0.0	-1.60	0.0	421.38	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	418.82	-0.80	0.0	0.0	0.0	0.0
1303	3	16.98	0.0	0.0	-1.60	0.0	389.82	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	387.26	-0.80	0.0	0.0	0.0	0.0
1303	4	16.98	0.0	0.0	-1.60	0.0	326.64	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	324.08	-0.80	0.0	0.0	0.0	0.0
1303	5	16.98	0.0	0.0	-1.60	0.0	326.64	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	324.08	-0.80	0.0	0.0	0.0	0.0
1304	1	22.08	0.0	0.0	-2.08	0.0	707.67	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	711.00	-1.04	0.0	0.0	0.0	0.0
1304	2	16.98	0.0	0.0	-1.60	0.0	575.08	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	577.64	-0.80	0.0	0.0	0.0	0.0
1304	3	16.98	0.0	0.0	-1.60	0.0	530.56	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	533.12	-0.80	0.0	0.0	0.0	0.0
1304	4	16.98	0.0	0.0	-1.60	0.0	441.58	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	444.15	-0.80	0.0	0.0	0.0	0.0
1304	5	16.98	0.0	0.0	-1.60	0.0	441.58	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	444.15	-0.80	0.0	0.0	0.0	0.0
1305	1	22.08	0.0	0.0	-2.08	0.0	694.60	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	691.27	-1.04	0.0	0.0	0.0	0.0
1305	2	16.98	0.0	0.0	-1.60	0.0	563.77	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	561.20	-0.80	0.0	0.0	0.0	0.0
1305	3	16.98	0.0	0.0	-1.60	0.0	521.14	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	518.58	-0.80	0.0	0.0	0.0	0.0
1305	4	16.98	0.0	0.0	-1.60	0.0	435.86	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	433.30	-0.80	0.0	0.0	0.0	0.0
1305	5	16.98	0.0	0.0	-1.60	0.0	435.86	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	433.30	-0.80	0.0	0.0	0.0	0.0
1306	1	22.08	0.0	0.0	-2.08	0.0	531.26	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	534.59	-1.04	0.0	0.0	0.0	0.0
1306	2	16.98	0.0	0.0	-1.60	0.0	431.83	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	434.39	-0.80	0.0	0.0	0.0	0.0
1306	3	16.98	0.0	0.0	-1.60	0.0	398.44	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	401.00	-0.80	0.0	0.0	0.0	0.0
1306	4	16.98	0.0	0.0	-1.60	0.0	331.69	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	334.25	-0.80	0.0	0.0	0.0	0.0
1306	5	16.98	0.0	0.0	-1.60	0.0	331.69	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	334.25	-0.80	0.0	0.0	0.0	0.0
1307	1	22.08	0.0	0.0	-2.08	0.0	810.23	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	806.90	-1.04	0.0	0.0	0.0	0.0
1307	2	16.98	0.0	0.0	-1.60	0.0	658.12	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	655.56	-0.80	0.0	0.0	0.0	0.0
1307	3	16.98	0.0	0.0	-1.60	0.0	607.70	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	605.14	-0.80	0.0	0.0	0.0	0.0
1307	4	16.98	0.0	0.0	-1.60	0.0	506.88	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	504.31	-0.80	0.0	0.0	0.0	0.0
1307	5	16.98	0.0	0.0	-1.60	0.0	506.88	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	504.31	-0.80	0.0	0.0	0.0	0.0
1308	1	22.08	0.0	0.0	-2.08	0.0	416.11	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	419.44	-1.04	0.0	0.0	0.0	0.0
1308	2	16.98	0.0	0.0	-1.60	0.0	337.86	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	340.42	-0.80	0.0	0.0	0.0	0.0
1308	3	16.98	0.0	0.0	-1.60	0.0	312.24	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	314.80	-0.80	0.0	0.0	0.0	0.0
1308	4	16.98	0.0	0.0	-1.60	0.0	260.98	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	263.55	-0.80	0.0	0.0	0.0	0.0
1308	5	16.98	0.0	0.0	-1.60	0.0	260.98	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	263.55	-0.80	0.0	0.0	0.0	0.0
1309	1	22.08	0.0	0.0	-2.08	0.0	647.52	1.04	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	84.9	644.19	-1.04	0.0	0.0	0.0	0.0
1309	2	16.98	0.0	0.0	-1.60	0.0	526.24	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	523.68	-0.80	0.0	0.0	0.0	0.0
1309	3	16.98	0.0	0.0	-1.60	0.0	485.53	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	482.97	-0.80	0.0	0.0	0.0	0.0
1309	4	16.98	0.0	0.0	-1.60	0.0	404.12	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	401.56	-0.80	0.0	0.0	0.0	0.0
1309	5	16.98	0.0	0.0	-1.60	0.0	404.12	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	401.56	-0.80	0.0	0.0	0.0	0.0
1310	1	22.08	0.0	0.0	-2.08	0.0	578.49	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	581.82	-1.04	0.0	0.0	0.0	0.0
1310	2	16.98	0.0	0.0	-1.60	0.0	469.47	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	472.03	-0.80	0.0	0.0	0.0	0.0
1310	3	16.98	0.0	0.0	-1.60	0.0	434.16	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	436.72	-0.80	0.0	0.0	0.0	0.0
1310	4	16.98	0.0	0.0	-1.60	0.0	363.54	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	366.10	-0.80	0.0	0.0	0.0	0.0
1310	5	16.98	0.0	0.0	-1.60	0.0	363.54	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	366.10	-0.80	0.0	0.0	0.0	0.0
1311	1	22.08	0.0	0.0	-2.08	0.0	603.30	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	599.97	-1.04	0.0	0.0	0.0	0.0
1311	2	16.98	0.0	0.0	-1.60	0.0	490.18	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	487.62	-0.80	0.0	0.0	0.0	0.0
1311	3	16.98	0.0	0.0	-1.60	0.0	452.52	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	449.96	-0.80	0.0	0.0	0.0	0.0
1311	4	16.98	0.0	0.0	-1.60	0.0	377.14	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	374.58	-0.80	0.0	0.0	0.0	0.0
1311	5	16.98	0.0	0.0	-1.60	0.0	377.14	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	374.58	-0.80	0.0	0.0	0.0	0.0
1312	1	22.08	0.0	0.0	-2.08	0.0	621.88	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	625.21	-1.04	0.0	0.0	0.0	0.0
1312	2	16.98	0.0	0.0	-1.60	0.0	504.86	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	507.42	-0.80	0.0	0.0	0.0	0.0
1312	3	16.98	0.0	0.0	-1.60	0.0	466.56	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	469.12	-0.80	0.0	0.0	0.0	0.0
1312	4	16.98	0.0	0.0	-1.60	0.0	390.00	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	392.56	-0.80	0.0	0.0	0.0	0.0
1312	5	16.98	0.0	0.0	-1.60	0.0	390.00	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	392.56	-0.80	0.0	0.0	0.0	0.0
1313	1	22.08	0.0	0.0	-2.08	0.0	560.32	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	556.99	-1.04	0.0	0.0	0.0	0.0
1313	2	16.98	0.0	0.0	-1.60	0.0	454.68	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	452.12	-0.80	0.0	0.0	0.0	0.0
1313	3	16.98	0.0	0.0	-1.60	0.0	420.34	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	417.78	-0.80	0.0	0.0	0.0	0.0
1313	4	16.98	0.0	0.0	-1.60	0.0	352.10	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	349.54	-0.80	0.0	0.0	0.0	0.0
1313	5	16.98	0.0	0.0	-1.60	0.0	352.10	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	349.54	-0.80	0.0	0.0	0.0	0.0
1314	1	22.08	0.0	0.0	-2.08	0.0	664.18	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	667.51	-1.04	0.0	0.0	0.0	0.0
1314	2	16.98	0.0	0.0	-1.60	0.0	539.81	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	542.37	-0.80	0.0	0.0	0.0	0.0
1314	3	16.98	0.0	0.0	-1.60	0.0	498.22	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	500.78	-0.80	0.0	0.0	0.0	0.0
1314	4	16.98	0.0	0.0	-1.60	0.0	414.61	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	417.17	-0.80	0.0	0.0	0.0	0.0
1314	5	16.98	0.0	0.0	-1.60	0.0	414.61	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	417.17	-0.80	0.0	0.0	0.0	0.0
1315	1	22.08	0.0	0.0	-2.08	0.0	686.84	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	683.51	-1.04	0.0	0.0	0.0	0.0
1315	2	16.98	0.0	0.0	-1.60	0.0	557.38	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	554.82	-0.80	0.0	0.0	0.0	0.0
1315	3	16.98	0.0	0.0	-1.60	0.0	515.50	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	512.93	-0.80	0.0	0.0	0.0	0.0
1315	4	16.98	0.0	0.0	-1.60	0.0	431.58	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	429.02	-0.80	0.0	0.0	0.0	0.0
1315	5	16.98	0.0	0.0	-1.60	0.0	431.58	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	429.02	-0.80	0.0	0.0	0.0	0.0
1316	1	22.08	0.0	0.0	-2.08	0.0	538.08	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	541.40	-1.04	0.0	0.0	0.0	0.0
1316	2	16.98	0.0	0.0	-1.60	0.0	437.45	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	440.01	-0.80	0.0	0.0	0.0	0.0
1316	3	16.98	0.0	0.0	-1.60	0.0	403.38	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	405.94	-0.80	0.0	0.0	0.0	0.0
1316	4	16.98	0.0	0.0	-1.60	0.0	335.38	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	337.94	-0.80	0.0	0.0	0.0	0.0

1316	5	16.98	0.0	0.0	-1.60	0.0	335.38	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	337.94	-0.80	0.0	0.0	0.0	0.0
1317	1	22.08	0.0	0.0	-2.08	0.0	541.87	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	538.54	-1.04	0.0	0.0	0.0	0.0
1317	2	16.98	0.0	0.0	-1.60	0.0	440.07	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	437.51	-0.80	0.0	0.0	0.0	0.0
1317	3	16.98	0.0	0.0	-1.60	0.0	406.56	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	404.00	-0.80	0.0	0.0	0.0	0.0
1317	4	16.98	0.0	0.0	-1.60	0.0	339.32	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	336.76	-0.80	0.0	0.0	0.0	0.0
1317	5	16.98	0.0	0.0	-1.60	0.0	339.32	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	336.76	-0.80	0.0	0.0	0.0	0.0
1318	1	22.08	0.0	0.0	-2.08	0.0	687.13	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	690.46	-1.04	0.0	0.0	0.0	0.0
1318	2	16.98	0.0	0.0	-1.60	0.0	558.08	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	560.64	-0.80	0.0	0.0	0.0	0.0
1318	3	16.98	0.0	0.0	-1.60	0.0	515.38	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	517.94	-0.80	0.0	0.0	0.0	0.0
1318	4	16.98	0.0	0.0	-1.60	0.0	430.21	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	432.77	-0.80	0.0	0.0	0.0	0.0
1318	5	16.98	0.0	0.0	-1.60	0.0	430.21	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	432.77	-0.80	0.0	0.0	0.0	0.0
1319	1	22.08	0.0	0.0	-2.08	0.0	761.92	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	758.59	-1.04	0.0	0.0	0.0	0.0
1319	2	16.98	0.0	0.0	-1.60	0.0	618.15	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	615.59	-0.80	0.0	0.0	0.0	0.0
1319	3	16.98	0.0	0.0	-1.60	0.0	571.78	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	569.22	-0.80	0.0	0.0	0.0	0.0
1319	4	16.98	0.0	0.0	-1.60	0.0	478.94	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	476.38	-0.80	0.0	0.0	0.0	0.0
1319	5	16.98	0.0	0.0	-1.60	0.0	478.94	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	476.38	-0.80	0.0	0.0	0.0	0.0
1340	1	22.08	0.0	0.0	-2.08	0.0	640.39	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	643.72	-1.04	0.0	0.0	0.0	0.0
1340	2	16.98	0.0	0.0	-1.60	0.0	520.66	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	523.23	-0.80	0.0	0.0	0.0	0.0
1340	3	16.98	0.0	0.0	-1.60	0.0	480.27	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	482.83	-0.80	0.0	0.0	0.0	0.0
1340	4	16.98	0.0	0.0	-1.60	0.0	399.50	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	402.06	-0.80	0.0	0.0	0.0	0.0
1340	5	16.98	0.0	0.0	-1.60	0.0	399.50	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	402.06	-0.80	0.0	0.0	0.0	0.0
1341	1	22.08	0.0	0.0	-2.08	0.0	704.05	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	700.72	-1.04	0.0	0.0	0.0	0.0
1341	2	16.98	0.0	0.0	-1.60	0.0	571.27	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	568.71	-0.80	0.0	0.0	0.0	0.0
1341	3	16.98	0.0	0.0	-1.60	0.0	528.35	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	525.79	-0.80	0.0	0.0	0.0	0.0
1341	4	16.98	0.0	0.0	-1.60	0.0	442.57	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	440.01	-0.80	0.0	0.0	0.0	0.0
1341	5	16.98	0.0	0.0	-1.60	0.0	442.57	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	440.01	-0.80	0.0	0.0	0.0	0.0
1342	1	22.08	0.0	0.0	-2.08	0.0	521.03	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	524.36	-1.04	0.0	0.0	0.0	0.0
1342	2	16.98	0.0	0.0	-1.60	0.0	423.69	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	426.25	-0.80	0.0	0.0	0.0	0.0
1342	3	16.98	0.0	0.0	-1.60	0.0	390.65	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	393.21	-0.80	0.0	0.0	0.0	0.0
1342	4	16.98	0.0	0.0	-1.60	0.0	324.50	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	327.07	-0.80	0.0	0.0	0.0	0.0
1342	5	16.98	0.0	0.0	-1.60	0.0	324.50	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	327.07	-0.80	0.0	0.0	0.0	0.0
1343	1	22.08	0.0	0.0	-2.08	0.0	728.97	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	725.64	-1.04	0.0	0.0	0.0	0.0
1343	2	16.98	0.0	0.0	-1.60	0.0	591.48	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	588.92	-0.80	0.0	0.0	0.0	0.0
1343	3	16.98	0.0	0.0	-1.60	0.0	547.23	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	544.67	-0.80	0.0	0.0	0.0	0.0
1343	4	16.98	0.0	0.0	-1.60	0.0	458.42	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	455.86	-0.80	0.0	0.0	0.0	0.0
1343	5	16.98	0.0	0.0	-1.60	0.0	458.42	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	455.86	-0.80	0.0	0.0	0.0	0.0
1344	1	22.08	0.0	0.0	-2.08	0.0	532.14	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	528.81	-1.04	0.0	0.0	0.0	0.0
1344	2	16.98	0.0	0.0	-1.60	0.0	432.20	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	429.64	-0.80	0.0	0.0	0.0	0.0
1344	3	16.98	0.0	0.0	-1.60	0.0	399.25	0.80	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	84.9	396.69	-0.80	0.0	0.0	0.0	0.0
1344	4	16.98	0.0	0.0	-1.60	0.0	333.25	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	330.69	-0.80	0.0	0.0	0.0	0.0
1344	5	16.98	0.0	0.0	-1.60	0.0	333.25	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	330.69	-0.80	0.0	0.0	0.0	0.0
1349	1	22.08	0.0	0.0	-2.08	0.0	492.64	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	495.97	-1.04	0.0	0.0	0.0	0.0
1349	2	16.98	0.0	0.0	-1.60	0.0	400.69	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	403.25	-0.80	0.0	0.0	0.0	0.0
1349	3	16.98	0.0	0.0	-1.60	0.0	369.16	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	371.72	-0.80	0.0	0.0	0.0	0.0
1349	4	16.98	0.0	0.0	-1.60	0.0	306.42	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	308.98	-0.80	0.0	0.0	0.0	0.0
1349	5	16.98	0.0	0.0	-1.60	0.0	306.42	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	308.98	-0.80	0.0	0.0	0.0	0.0
1354	1	22.08	0.0	0.0	-2.08	0.0	696.85	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	700.18	-1.04	0.0	0.0	0.0	0.0
1354	2	16.98	0.0	0.0	-1.60	0.0	565.94	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	568.50	-0.80	0.0	0.0	0.0	0.0
1354	3	16.98	0.0	0.0	-1.60	0.0	522.69	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	525.25	-0.80	0.0	0.0	0.0	0.0
1354	4	16.98	0.0	0.0	-1.60	0.0	436.28	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	438.84	-0.80	0.0	0.0	0.0	0.0
1354	5	16.98	0.0	0.0	-1.60	0.0	436.28	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	438.84	-0.80	0.0	0.0	0.0	0.0
1361	1	22.08	0.0	0.0	-2.08	0.0	466.13	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	469.46	-1.04	0.0	0.0	0.0	0.0
1361	2	16.98	0.0	0.0	-1.60	0.0	379.22	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	381.78	-0.80	0.0	0.0	0.0	0.0
1361	3	16.98	0.0	0.0	-1.60	0.0	349.44	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	352.00	-0.80	0.0	0.0	0.0	0.0
1361	4	16.98	0.0	0.0	-1.60	0.0	289.97	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	292.53	-0.80	0.0	0.0	0.0	0.0
1361	5	16.98	0.0	0.0	-1.60	0.0	289.97	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	292.53	-0.80	0.0	0.0	0.0	0.0
1362	1	22.08	0.0	0.0	-2.08	0.0	632.99	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	629.66	-1.04	0.0	0.0	0.0	0.0
1362	2	16.98	0.0	0.0	-1.60	0.0	513.82	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	511.26	-0.80	0.0	0.0	0.0	0.0
1362	3	16.98	0.0	0.0	-1.60	0.0	474.96	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	472.40	-0.80	0.0	0.0	0.0	0.0
1362	4	16.98	0.0	0.0	-1.60	0.0	397.26	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	394.70	-0.80	0.0	0.0	0.0	0.0
1362	5	16.98	0.0	0.0	-1.60	0.0	397.26	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	394.70	-0.80	0.0	0.0	0.0	0.0
1363	1	22.08	0.0	0.0	-2.08	0.0	591.25	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	594.58	-1.04	0.0	0.0	0.0	0.0
1363	2	16.98	0.0	0.0	-1.60	0.0	480.46	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	483.02	-0.80	0.0	0.0	0.0	0.0
1363	3	16.98	0.0	0.0	-1.60	0.0	443.40	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	445.96	-0.80	0.0	0.0	0.0	0.0
1363	4	16.98	0.0	0.0	-1.60	0.0	369.27	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	371.83	-0.80	0.0	0.0	0.0	0.0
1363	5	16.98	0.0	0.0	-1.60	0.0	369.27	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	371.83	-0.80	0.0	0.0	0.0	0.0
1364	1	22.08	0.0	0.0	-2.08	0.0	629.53	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	626.20	-1.04	0.0	0.0	0.0	0.0
1364	2	16.98	0.0	0.0	-1.60	0.0	511.73	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	509.16	-0.80	0.0	0.0	0.0	0.0
1364	3	16.98	0.0	0.0	-1.60	0.0	472.13	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	469.57	-0.80	0.0	0.0	0.0	0.0
1364	4	16.98	0.0	0.0	-1.60	0.0	392.86	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	390.30	-0.80	0.0	0.0	0.0	0.0
1364	5	16.98	0.0	0.0	-1.60	0.0	392.86	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	390.30	-0.80	0.0	0.0	0.0	0.0
1365	1	22.08	0.0	0.0	-2.08	0.0	594.59	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	597.92	-1.04	0.0	0.0	0.0	0.0
1365	2	16.98	0.0	0.0	-1.60	0.0	482.46	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	485.02	-0.80	0.0	0.0	0.0	0.0
1365	3	16.98	0.0	0.0	-1.60	0.0	446.14	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	448.70	-0.80	0.0	0.0	0.0	0.0
1365	4	16.98	0.0	0.0	-1.60	0.0	373.59	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	376.15	-0.80	0.0	0.0	0.0	0.0
1365	5	16.98	0.0	0.0	-1.60	0.0	373.59	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	376.15	-0.80	0.0	0.0	0.0	0.0
1366	1	22.08	0.0	0.0	-2.08	0.0	506.65	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	503.32	-1.04	0.0	0.0	0.0	0.0

1366	2	16.98	0.0	0.0	-1.60	0.0	411.63	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	409.07	-0.80	0.0	0.0	0.0	0.0
1366	3	16.98	0.0	0.0	-1.60	0.0	379.96	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	377.40	-0.80	0.0	0.0	0.0	0.0
1366	4	16.98	0.0	0.0	-1.60	0.0	316.71	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	314.15	-0.80	0.0	0.0	0.0	0.0
1366	5	16.98	0.0	0.0	-1.60	0.0	316.71	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	314.15	-0.80	0.0	0.0	0.0	0.0
1367	1	22.08	0.0	0.0	-2.08	0.0	718.55	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	721.88	-1.04	0.0	0.0	0.0	0.0
1367	2	16.98	0.0	0.0	-1.60	0.0	583.43	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	585.99	-0.80	0.0	0.0	0.0	0.0
1367	3	16.98	0.0	0.0	-1.60	0.0	539.12	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	541.68	-0.80	0.0	0.0	0.0	0.0
1367	4	16.98	0.0	0.0	-1.60	0.0	450.41	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	452.97	-0.80	0.0	0.0	0.0	0.0
1367	5	16.98	0.0	0.0	-1.60	0.0	450.41	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	452.97	-0.80	0.0	0.0	0.0	0.0
1368	1	22.08	0.0	0.0	-2.08	0.0	419.04	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	415.71	-1.04	0.0	0.0	0.0	0.0
1368	2	16.98	0.0	0.0	-1.60	0.0	339.97	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	337.40	-0.80	0.0	0.0	0.0	0.0
1368	3	16.98	0.0	0.0	-1.60	0.0	314.19	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	311.63	-0.80	0.0	0.0	0.0	0.0
1368	4	16.98	0.0	0.0	-1.60	0.0	262.93	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	260.37	-0.80	0.0	0.0	0.0	0.0
1368	5	16.98	0.0	0.0	-1.60	0.0	262.93	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	260.37	-0.80	0.0	0.0	0.0	0.0
1369	1	22.08	0.0	0.0	-2.08	0.0	806.22	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	809.54	-1.04	0.0	0.0	0.0	0.0
1369	2	16.98	0.0	0.0	-1.60	0.0	655.14	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	657.70	-0.80	0.0	0.0	0.0	0.0
1369	3	16.98	0.0	0.0	-1.60	0.0	604.93	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	607.49	-0.80	0.0	0.0	0.0	0.0
1369	4	16.98	0.0	0.0	-1.60	0.0	504.23	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	506.79	-0.80	0.0	0.0	0.0	0.0
1369	5	16.98	0.0	0.0	-1.60	0.0	504.23	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	506.79	-0.80	0.0	0.0	0.0	0.0
1370	1	22.08	0.0	0.0	-2.08	0.0	574.83	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	571.50	-1.04	0.0	0.0	0.0	0.0
1370	2	16.98	0.0	0.0	-1.60	0.0	466.85	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	464.29	-0.80	0.0	0.0	0.0	0.0
1370	3	16.98	0.0	0.0	-1.60	0.0	431.42	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	428.86	-0.80	0.0	0.0	0.0	0.0
1370	4	16.98	0.0	0.0	-1.60	0.0	360.93	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	358.36	-0.80	0.0	0.0	0.0	0.0
1370	5	16.98	0.0	0.0	-1.60	0.0	360.93	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	358.36	-0.80	0.0	0.0	0.0	0.0
1371	1	22.08	0.0	0.0	-2.08	0.0	650.60	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	653.93	-1.04	0.0	0.0	0.0	0.0
1371	2	16.98	0.0	0.0	-1.60	0.0	528.40	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	530.96	-0.80	0.0	0.0	0.0	0.0
1371	3	16.98	0.0	0.0	-1.60	0.0	487.84	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	490.40	-0.80	0.0	0.0	0.0	0.0
1371	4	16.98	0.0	0.0	-1.60	0.0	406.35	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	408.91	-0.80	0.0	0.0	0.0	0.0
1371	5	16.98	0.0	0.0	-1.60	0.0	406.35	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	408.91	-0.80	0.0	0.0	0.0	0.0
1372	1	22.08	0.0	0.0	-2.08	0.0	677.77	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	674.45	-1.04	0.0	0.0	0.0	0.0
1372	2	16.98	0.0	0.0	-1.60	0.0	550.84	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	548.28	-0.80	0.0	0.0	0.0	0.0
1372	3	16.98	0.0	0.0	-1.60	0.0	508.14	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	505.58	-0.80	0.0	0.0	0.0	0.0
1372	4	16.98	0.0	0.0	-1.60	0.0	423.01	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	420.45	-0.80	0.0	0.0	0.0	0.0
1372	5	16.98	0.0	0.0	-1.60	0.0	423.01	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	420.45	-0.80	0.0	0.0	0.0	0.0
1373	1	22.08	0.0	0.0	-2.08	0.0	549.04	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	552.37	-1.04	0.0	0.0	0.0	0.0
1373	2	16.98	0.0	0.0	-1.60	0.0	445.53	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	448.09	-0.80	0.0	0.0	0.0	0.0
1373	3	16.98	0.0	0.0	-1.60	0.0	412.16	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	414.72	-0.80	0.0	0.0	0.0	0.0
1373	4	16.98	0.0	0.0	-1.60	0.0	345.15	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	347.71	-0.80	0.0	0.0	0.0	0.0
1373	5	16.98	0.0	0.0	-1.60	0.0	345.15	0.80	0.0	0.0	0.0	0.0



		0.0	0.0	0.0	0.0	84.9	347.71	-0.80	0.0	0.0	0.0	0.0
1374	1	22.08	0.0	0.0	-2.08	0.0	588.08	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	584.76	-1.04	0.0	0.0	0.0	0.0
1374	2	16.98	0.0	0.0	-1.60	0.0	477.62	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	475.06	-0.80	0.0	0.0	0.0	0.0
1374	3	16.98	0.0	0.0	-1.60	0.0	441.22	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	438.66	-0.80	0.0	0.0	0.0	0.0
1374	4	16.98	0.0	0.0	-1.60	0.0	368.03	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	365.47	-0.80	0.0	0.0	0.0	0.0
1374	5	16.98	0.0	0.0	-1.60	0.0	368.03	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	365.47	-0.80	0.0	0.0	0.0	0.0
1375	1	22.08	0.0	0.0	-2.08	0.0	639.61	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	642.94	-1.04	0.0	0.0	0.0	0.0
1375	2	16.98	0.0	0.0	-1.60	0.0	519.47	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	522.03	-0.80	0.0	0.0	0.0	0.0
1375	3	16.98	0.0	0.0	-1.60	0.0	479.74	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	482.30	-0.80	0.0	0.0	0.0	0.0
1375	4	16.98	0.0	0.0	-1.60	0.0	400.68	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	403.24	-0.80	0.0	0.0	0.0	0.0
1375	5	16.98	0.0	0.0	-1.60	0.0	400.68	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	403.24	-0.80	0.0	0.0	0.0	0.0
1376	1	22.08	0.0	0.0	-2.08	0.0	512.05	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	508.73	-1.04	0.0	0.0	0.0	0.0
1376	2	16.98	0.0	0.0	-1.60	0.0	415.47	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	412.91	-0.80	0.0	0.0	0.0	0.0
1376	3	16.98	0.0	0.0	-1.60	0.0	384.40	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	381.84	-0.80	0.0	0.0	0.0	0.0
1376	4	16.98	0.0	0.0	-1.60	0.0	321.65	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	319.09	-0.80	0.0	0.0	0.0	0.0
1376	5	16.98	0.0	0.0	-1.60	0.0	321.65	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	319.09	-0.80	0.0	0.0	0.0	0.0
1377	1	22.08	0.0	0.0	-2.08	0.0	714.90	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	718.22	-1.04	0.0	0.0	0.0	0.0
1377	2	16.98	0.0	0.0	-1.60	0.0	581.01	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	583.57	-0.80	0.0	0.0	0.0	0.0
1377	3	16.98	0.0	0.0	-1.60	0.0	536.00	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	538.56	-0.80	0.0	0.0	0.0	0.0
1377	4	16.98	0.0	0.0	-1.60	0.0	446.59	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	449.15	-0.80	0.0	0.0	0.0	0.0
1377	5	16.98	0.0	0.0	-1.60	0.0	446.59	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	449.15	-0.80	0.0	0.0	0.0	0.0
1378	1	22.08	0.0	0.0	-2.08	0.0	665.38	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	662.06	-1.04	0.0	0.0	0.0	0.0
1378	2	16.98	0.0	0.0	-1.60	0.0	540.19	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	537.63	-0.80	0.0	0.0	0.0	0.0
1378	3	16.98	0.0	0.0	-1.60	0.0	499.08	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	496.52	-0.80	0.0	0.0	0.0	0.0
1378	4	16.98	0.0	0.0	-1.60	0.0	417.46	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	414.90	-0.80	0.0	0.0	0.0	0.0
1378	5	16.98	0.0	0.0	-1.60	0.0	417.46	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	414.90	-0.80	0.0	0.0	0.0	0.0
1379	1	22.08	0.0	0.0	-2.08	0.0	560.75	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	564.08	-1.04	0.0	0.0	0.0	0.0
1379	2	16.98	0.0	0.0	-1.60	0.0	455.62	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	458.19	-0.80	0.0	0.0	0.0	0.0
1379	3	16.98	0.0	0.0	-1.60	0.0	420.71	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	423.27	-0.80	0.0	0.0	0.0	0.0
1379	4	16.98	0.0	0.0	-1.60	0.0	350.27	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	352.83	-0.80	0.0	0.0	0.0	0.0
1379	5	16.98	0.0	0.0	-1.60	0.0	350.27	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	352.83	-0.80	0.0	0.0	0.0	0.0
1380	1	22.08	0.0	0.0	-2.08	0.0	766.17	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	762.85	-1.04	0.0	0.0	0.0	0.0
1380	2	16.98	0.0	0.0	-1.60	0.0	622.69	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	620.13	-0.80	0.0	0.0	0.0	0.0
1380	3	16.98	0.0	0.0	-1.60	0.0	574.52	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	571.96	-0.80	0.0	0.0	0.0	0.0
1380	4	16.98	0.0	0.0	-1.60	0.0	478.50	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	475.94	-0.80	0.0	0.0	0.0	0.0
1380	5	16.98	0.0	0.0	-1.60	0.0	478.50	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	475.94	-0.80	0.0	0.0	0.0	0.0
1381	1	22.08	0.0	0.0	-2.08	0.0	460.39	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	463.72	-1.04	0.0	0.0	0.0	0.0
1381	2	16.98	0.0	0.0	-1.60	0.0	373.48	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	376.04	-0.80	0.0	0.0	0.0	0.0
1381	3	16.98	0.0	0.0	-1.60	0.0	345.59	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	348.16	-0.80	0.0	0.0	0.0	0.0

1381	4	16.98	0.0	0.0	-1.60	0.0	289.51	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	292.07	-0.80	0.0	0.0	0.0	0.0
1381	5	16.98	0.0	0.0	-1.60	0.0	289.51	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	292.07	-0.80	0.0	0.0	0.0	0.0
1382	1	22.08	0.0	0.0	-2.08	0.0	655.28	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	651.95	-1.04	0.0	0.0	0.0	0.0
1382	2	16.98	0.0	0.0	-1.60	0.0	532.64	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	530.08	-0.80	0.0	0.0	0.0	0.0
1382	3	16.98	0.0	0.0	-1.60	0.0	491.43	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	488.87	-0.80	0.0	0.0	0.0	0.0
1382	4	16.98	0.0	0.0	-1.60	0.0	408.86	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	406.30	-0.80	0.0	0.0	0.0	0.0
1382	5	16.98	0.0	0.0	-1.60	0.0	408.86	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	406.30	-0.80	0.0	0.0	0.0	0.0
1383	1	22.08	0.0	0.0	-2.08	0.0	570.98	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	574.30	-1.04	0.0	0.0	0.0	0.0
1383	2	16.98	0.0	0.0	-1.60	0.0	463.26	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	465.82	-0.80	0.0	0.0	0.0	0.0
1383	3	16.98	0.0	0.0	-1.60	0.0	428.45	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	431.01	-0.80	0.0	0.0	0.0	0.0
1383	4	16.98	0.0	0.0	-1.60	0.0	358.96	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	361.52	-0.80	0.0	0.0	0.0	0.0
1383	5	16.98	0.0	0.0	-1.60	0.0	358.96	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	361.52	-0.80	0.0	0.0	0.0	0.0
1384	1	22.08	0.0	0.0	-2.08	0.0	630.02	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	626.69	-1.04	0.0	0.0	0.0	0.0
1384	2	16.98	0.0	0.0	-1.60	0.0	511.68	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	509.12	-0.80	0.0	0.0	0.0	0.0
1384	3	16.98	0.0	0.0	-1.60	0.0	472.59	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	470.03	-0.80	0.0	0.0	0.0	0.0
1384	4	16.98	0.0	0.0	-1.60	0.0	394.39	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	391.83	-0.80	0.0	0.0	0.0	0.0
1384	5	16.98	0.0	0.0	-1.60	0.0	394.39	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	391.83	-0.80	0.0	0.0	0.0	0.0
1385	1	22.08	0.0	0.0	-2.08	0.0	595.54	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	598.87	-1.04	0.0	0.0	0.0	0.0
1385	2	16.98	0.0	0.0	-1.60	0.0	483.67	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	486.23	-0.80	0.0	0.0	0.0	0.0
1385	3	16.98	0.0	0.0	-1.60	0.0	446.77	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	449.33	-0.80	0.0	0.0	0.0	0.0
1385	4	16.98	0.0	0.0	-1.60	0.0	373.00	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	375.56	-0.80	0.0	0.0	0.0	0.0
1385	5	16.98	0.0	0.0	-1.60	0.0	373.00	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	375.56	-0.80	0.0	0.0	0.0	0.0
1386	1	22.08	0.0	0.0	-2.08	0.0	584.37	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	581.04	-1.04	0.0	0.0	0.0	0.0
1386	2	16.98	0.0	0.0	-1.60	0.0	474.04	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	471.47	-0.80	0.0	0.0	0.0	0.0
1386	3	16.98	0.0	0.0	-1.60	0.0	438.49	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	435.93	-0.80	0.0	0.0	0.0	0.0
1386	4	16.98	0.0	0.0	-1.60	0.0	367.38	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	364.82	-0.80	0.0	0.0	0.0	0.0
1386	5	16.98	0.0	0.0	-1.60	0.0	367.38	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	84.9	364.82	-0.80	0.0	0.0	0.0	0.0
1387	1	54.72	0.0	0.0	-3.93	0.0	1.66	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.67	-1.96	0.0	0.0	0.0	0.0
1387	3	42.09	0.0	0.0	-3.02	0.0	1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.28	-1.51	0.0	0.0	0.0	0.0
1387	4	42.09	0.0	0.0	-3.02	0.0	1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.28	-1.51	0.0	0.0	0.0	0.0
1387	5	42.09	0.0	0.0	-3.02	0.0	1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	-1.28	-1.51	0.0	0.0	0.0	0.0
1388	1	86.46	0.0	0.0	-5.09	0.0	-1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.85	-2.54	0.0	0.0	0.0	0.0
1388	3	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
1388	4	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
1388	5	66.51	0.0	0.0	-3.91	0.0	-1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	1.42	-1.96	0.0	0.0	0.0	0.0
1389	1	86.46	0.0	0.0	-5.09	0.0	563.54	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	559.84	-2.54	0.0	0.0	0.0	0.0
1389	2	66.51	0.0	0.0	-3.91	0.0	454.23	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	451.39	-1.96	0.0	0.0	0.0	0.0
1389	3	66.51	0.0	0.0	-3.91	0.0	424.66	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	421.82	-1.96	0.0	0.0	0.0	0.0
1389	4	66.51	0.0	0.0	-3.91	0.0	364.60	1.96	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	136.0	361.75	-1.96	0.0	0.0	0.0	0.0
1389	5	66.51	0.0	0.0	-3.91	0.0	364.60	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	361.75	-1.96	0.0	0.0	0.0	0.0
1390	1	57.33	0.0	0.0	-3.93	0.0	-1.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.84	-1.96	0.0	0.0	0.0	0.0
1390	3	44.10	0.0	0.0	-3.02	0.0	-1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
1390	4	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
1390	5	44.10	0.0	0.0	-3.02	0.0	-1.43	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	1.42	-1.51	0.0	0.0	0.0	0.0
1391	1	57.33	0.0	0.0	-3.93	0.0	630.38	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	626.68	-1.96	0.0	0.0	0.0	0.0
1391	2	44.10	0.0	0.0	-3.02	0.0	510.83	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	507.98	-1.51	0.0	0.0	0.0	0.0
1391	3	44.10	0.0	0.0	-3.02	0.0	473.02	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	470.18	-1.51	0.0	0.0	0.0	0.0
1391	4	44.10	0.0	0.0	-3.02	0.0	398.35	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	395.50	-1.51	0.0	0.0	0.0	0.0
1391	5	44.10	0.0	0.0	-3.02	0.0	398.35	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	395.50	-1.51	0.0	0.0	0.0	0.0
1392	1	62.62	0.0	0.0	-4.16	0.0	-1.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.85	-2.08	0.0	0.0	0.0	0.0
1392	3	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
1392	4	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
1392	5	48.17	0.0	0.0	-3.20	0.0	-1.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	1.42	-1.60	0.0	0.0	0.0	0.0
1393	1	62.62	0.0	0.0	-4.16	0.0	2.57	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-1.13	-2.08	0.0	0.0	0.0	0.0
1393	3	48.17	0.0	0.0	-3.20	0.0	1.88	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-0.96	-1.60	0.0	0.0	0.0	0.0
1393	4	48.17	0.0	0.0	-3.20	0.0	1.90	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-0.95	-1.60	0.0	0.0	0.0	0.0
1393	5	48.17	0.0	0.0	-3.20	0.0	1.90	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	120.4	-0.95	-1.60	0.0	0.0	0.0	0.0
1394	1	57.33	0.0	0.0	-3.93	0.0	623.11	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	626.81	-1.96	0.0	0.0	0.0	0.0
1394	2	44.10	0.0	0.0	-3.02	0.0	504.97	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	507.81	-1.51	0.0	0.0	0.0	0.0
1394	3	44.10	0.0	0.0	-3.02	0.0	468.19	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	471.03	-1.51	0.0	0.0	0.0	0.0
1394	4	44.10	0.0	0.0	-3.02	0.0	393.23	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	396.07	-1.51	0.0	0.0	0.0	0.0
1394	5	44.10	0.0	0.0	-3.02	0.0	393.23	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	396.07	-1.51	0.0	0.0	0.0	0.0
1395	1	57.33	0.0	0.0	-3.93	0.0	1.84	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.85	-1.96	0.0	0.0	0.0	0.0
1395	3	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
1395	4	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
1395	5	44.10	0.0	0.0	-3.02	0.0	1.42	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	116.7	-1.43	-1.51	0.0	0.0	0.0	0.0
1396	1	86.46	0.0	0.0	-5.09	0.0	562.59	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	566.28	-2.54	0.0	0.0	0.0	0.0
1396	2	66.51	0.0	0.0	-3.91	0.0	453.63	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	456.47	-1.96	0.0	0.0	0.0	0.0
1396	3	66.51	0.0	0.0	-3.91	0.0	423.16	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	426.00	-1.96	0.0	0.0	0.0	0.0
1396	4	66.51	0.0	0.0	-3.91	0.0	363.41	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	366.25	-1.96	0.0	0.0	0.0	0.0
1396	5	66.51	0.0	0.0	-3.91	0.0	363.41	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	366.25	-1.96	0.0	0.0	0.0	0.0
1397	1	86.46	0.0	0.0	-5.09	0.0	1.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.85	-2.54	0.0	0.0	0.0	0.0
1397	3	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
1397	4	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
1397	5	66.51	0.0	0.0	-3.91	0.0	1.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	136.0	-1.43	-1.96	0.0	0.0	0.0	0.0
1398	1	53.47	0.0	0.0	-3.93	0.0	-1.58	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	1.57	-1.96	0.0	0.0	0.0	0.0
1398	3	41.13	0.0	0.0	-3.02	0.0	-1.21	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	1.21	-1.51	0.0	0.0	0.0	0.0

1398	4	41.13	0.0	0.0	-3.02	0.0	-1.21	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	1.20	-1.51	0.0	0.0	0.0	0.0
1398	5	41.13	0.0	0.0	-3.02	0.0	-1.21	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	1.20	-1.51	0.0	0.0	0.0	0.0
1399	1	53.47	0.0	0.0	-3.93	0.0	679.54	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	676.40	-1.96	0.0	0.0	0.0	0.0
1399	2	41.13	0.0	0.0	-3.02	0.0	549.37	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	546.95	-1.51	0.0	0.0	0.0	0.0
1399	3	41.13	0.0	0.0	-3.02	0.0	510.88	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	508.46	-1.51	0.0	0.0	0.0	0.0
1399	4	41.13	0.0	0.0	-3.02	0.0	433.30	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	430.88	-1.51	0.0	0.0	0.0	0.0
1399	5	41.13	0.0	0.0	-3.02	0.0	433.30	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	430.88	-1.51	0.0	0.0	0.0	0.0
1400	1	58.66	0.0	0.0	-4.16	0.0	-1.58	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	1.57	-2.08	0.0	0.0	0.0	0.0
1400	3	45.13	0.0	0.0	-3.20	0.0	-1.21	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	1.20	-1.60	0.0	0.0	0.0	0.0
1400	4	45.13	0.0	0.0	-3.20	0.0	-1.21	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	1.20	-1.60	0.0	0.0	0.0	0.0
1400	5	45.13	0.0	0.0	-3.20	0.0	-1.21	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	1.20	-1.60	0.0	0.0	0.0	0.0
1401	1	58.66	0.0	0.0	-4.16	0.0	2.44	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	-0.70	-2.08	0.0	0.0	0.0	0.0
1401	3	45.13	0.0	0.0	-3.20	0.0	1.79	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	-0.63	-1.60	0.0	0.0	0.0	0.0
1401	4	45.13	0.0	0.0	-3.20	0.0	1.96	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	-0.46	-1.60	0.0	0.0	0.0	0.0
1401	5	45.13	0.0	0.0	-3.20	0.0	1.96	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	112.8	-0.46	-1.60	0.0	0.0	0.0	0.0
1402	1	53.47	0.0	0.0	-3.93	0.0	674.57	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	677.71	-1.96	0.0	0.0	0.0	0.0
1402	2	41.13	0.0	0.0	-3.02	0.0	545.78	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	548.20	-1.51	0.0	0.0	0.0	0.0
1402	3	41.13	0.0	0.0	-3.02	0.0	506.93	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	509.35	-1.51	0.0	0.0	0.0	0.0
1402	4	41.13	0.0	0.0	-3.02	0.0	429.78	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	432.19	-1.51	0.0	0.0	0.0	0.0
1402	5	41.13	0.0	0.0	-3.02	0.0	429.78	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	432.19	-1.51	0.0	0.0	0.0	0.0
1403	1	53.47	0.0	0.0	-3.93	0.0	1.57	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	-1.58	-1.96	0.0	0.0	0.0	0.0
1403	3	41.13	0.0	0.0	-3.02	0.0	1.20	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	-1.21	-1.51	0.0	0.0	0.0	0.0
1403	4	41.13	0.0	0.0	-3.02	0.0	1.20	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	-1.21	-1.51	0.0	0.0	0.0	0.0
1403	5	41.13	0.0	0.0	-3.02	0.0	1.20	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	108.9	-1.21	-1.51	0.0	0.0	0.0	0.0
1404	1	54.72	0.0	0.0	-3.93	0.0	-1.67	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.66	-1.96	0.0	0.0	0.0	0.0
1404	3	42.09	0.0	0.0	-3.02	0.0	-1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.28	-1.51	0.0	0.0	0.0	0.0
1404	4	42.09	0.0	0.0	-3.02	0.0	-1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.28	-1.51	0.0	0.0	0.0	0.0
1404	5	42.09	0.0	0.0	-3.02	0.0	-1.28	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	1.28	-1.51	0.0	0.0	0.0	0.0
1405	1	54.72	0.0	0.0	-3.93	0.0	490.07	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	486.74	-1.96	0.0	0.0	0.0	0.0
1405	2	42.09	0.0	0.0	-3.02	0.0	396.25	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	393.69	-1.51	0.0	0.0	0.0	0.0
1405	3	42.09	0.0	0.0	-3.02	0.0	368.49	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	365.93	-1.51	0.0	0.0	0.0	0.0
1405	4	42.09	0.0	0.0	-3.02	0.0	312.98	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	310.42	-1.51	0.0	0.0	0.0	0.0
1405	5	42.09	0.0	0.0	-3.02	0.0	312.98	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	310.42	-1.51	0.0	0.0	0.0	0.0
1406	1	59.94	0.0	0.0	-4.16	0.0	-1.67	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	1.66	-2.08	0.0	0.0	0.0	0.0
1406	3	46.11	0.0	0.0	-3.20	0.0	-1.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	1.28	-1.60	0.0	0.0	0.0	0.0
1406	4	46.11	0.0	0.0	-3.20	0.0	-1.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	1.28	-1.60	0.0	0.0	0.0	0.0
1406	5	46.11	0.0	0.0	-3.20	0.0	-1.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	1.28	-1.60	0.0	0.0	0.0	0.0
1407	1	59.94	0.0	0.0	-4.16	0.0	1.72	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-1.61	-2.08	0.0	0.0	0.0	0.0
1407	3	46.11	0.0	0.0	-3.20	0.0	1.32	1.60	0.0	0.0	0.0	0.0

		0.0	0.0	0.0	0.0	115.3	-1.24	-1.60	0.0	0.0	0.0	0.0
1407	4	46.11	0.0	0.0	-3.20	0.0	1.31	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-1.25	-1.60	0.0	0.0	0.0	0.0
1407	5	46.11	0.0	0.0	-3.20	0.0	1.31	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	115.3	-1.25	-1.60	0.0	0.0	0.0	0.0
1408	1	54.72	0.0	0.0	-3.93	0.0	483.37	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	486.70	-1.96	0.0	0.0	0.0	0.0
1408	2	42.09	0.0	0.0	-3.02	0.0	390.92	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	393.48	-1.51	0.0	0.0	0.0	0.0
1408	3	42.09	0.0	0.0	-3.02	0.0	363.32	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	365.88	-1.51	0.0	0.0	0.0	0.0
1408	4	42.09	0.0	0.0	-3.02	0.0	308.14	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	310.70	-1.51	0.0	0.0	0.0	0.0
1408	5	42.09	0.0	0.0	-3.02	0.0	308.14	1.51	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	111.4	310.70	-1.51	0.0	0.0	0.0	0.0
1409	1	69.97	0.0	0.0	-4.16	0.0	270.24	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	265.62	-2.08	0.0	0.0	0.0	0.0
1409	2	53.82	0.0	0.0	-3.20	0.0	218.64	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	215.08	-1.60	0.0	0.0	0.0	0.0
1409	3	53.82	0.0	0.0	-3.20	0.0	203.05	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	199.50	-1.60	0.0	0.0	0.0	0.0
1409	4	53.82	0.0	0.0	-3.20	0.0	171.84	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	168.28	-1.60	0.0	0.0	0.0	0.0
1409	5	53.82	0.0	0.0	-3.20	0.0	171.84	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	168.28	-1.60	0.0	0.0	0.0	0.0
1410	1	69.97	0.0	0.0	-4.16	0.0	-2.31	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	2.31	-2.08	0.0	0.0	0.0	0.0
1410	3	53.82	0.0	0.0	-3.20	0.0	-1.78	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	1.78	-1.60	0.0	0.0	0.0	0.0
1410	4	53.82	0.0	0.0	-3.20	0.0	-1.78	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	1.77	-1.60	0.0	0.0	0.0	0.0
1410	5	53.82	0.0	0.0	-3.20	0.0	-1.78	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	1.77	-1.60	0.0	0.0	0.0	0.0
1411	1	69.97	0.0	0.0	-4.16	0.0	2.31	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-2.32	-2.08	0.0	0.0	0.0	0.0
1411	3	53.82	0.0	0.0	-3.20	0.0	1.78	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
1411	4	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
1411	5	53.82	0.0	0.0	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	-1.78	-1.60	0.0	0.0	0.0	0.0
1412	1	69.97	0.0	0.0	-4.16	0.0	1139.19	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	1143.81	-2.08	0.0	0.0	0.0	0.0
1412	2	53.82	0.0	0.0	-3.20	0.0	918.03	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	921.59	-1.60	0.0	0.0	0.0	0.0
1412	3	53.82	0.0	0.0	-3.20	0.0	857.75	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	861.31	-1.60	0.0	0.0	0.0	0.0
1412	4	53.82	0.0	0.0	-3.20	0.0	737.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	740.84	-1.60	0.0	0.0	0.0	0.0
1412	5	53.82	0.0	0.0	-3.20	0.0	737.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	134.5	740.84	-1.60	0.0	0.0	0.0	0.0
1413	1	46.81	0.0	-1.40e-03	-4.16	0.0	2.68	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-5.54e-03	0.0	90.0	2.68	-2.08	0.0	0.0	0.0	0.0
1413	2	36.01	0.0	-1.06e-03	-3.20	0.0	2.19	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.47e-03	0.0	90.0	2.19	-1.60	0.0	0.0	0.0	0.0
1413	3	36.01	0.0	-1.09e-03	-3.20	0.0	2.02	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.17e-03	0.0	90.0	2.02	-1.60	0.0	0.0	0.0	0.0
1413	4	36.01	0.0	-1.15e-03	-3.20	0.0	1.65	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.58e-03	0.0	90.0	1.65	-1.60	0.0	0.0	0.0	0.0
1413	5	36.01	0.0	-1.15e-03	-3.20	0.0	1.65	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.58e-03	0.0	90.0	1.65	-1.60	0.0	0.0	0.0	0.0
1414	1	46.81	0.0	-2.72e-03	-4.16	0.0	2.12	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-7.80e-03	0.0	90.0	2.12	-2.08	0.0	0.0	0.0	0.0
1414	2	36.01	0.0	-2.07e-03	-3.20	0.0	1.73	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.30e-03	0.0	90.0	1.73	-1.60	0.0	0.0	0.0	0.0
1414	3	36.01	0.0	-2.11e-03	-3.20	0.0	1.60	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.88e-03	0.0	90.0	1.60	-1.60	0.0	0.0	0.0	0.0
1414	4	36.01	0.0	-2.17e-03	-3.20	0.0	1.31	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.01e-03	0.0	90.0	1.31	-1.60	0.0	0.0	0.0	0.0
1414	5	36.01	0.0	-2.17e-03	-3.20	0.0	1.31	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.01e-03	0.0	90.0	1.31	-1.60	0.0	0.0	0.0	0.0
1415	1	46.81	0.0	-8.30e-03	-4.16	0.0	1.53	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-6.28e-03	0.0	90.0	1.53	-2.08	0.0	0.0	0.0	0.0
1415	2	36.01	0.0	-6.62e-03	-3.20	0.0	1.24	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.06e-03	0.0	90.0	1.24	-1.60	0.0	0.0	0.0	0.0
1415	3	36.01	0.0	-6.27e-03	-3.20	0.0	1.15	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.72e-03	0.0	90.0	1.15	-1.60	0.0	0.0	0.0	0.0

1415	4	36.01	0.0	-5.60e-03	-3.20	0.0	0.95	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.05e-03	0.0	90.0	0.95	-1.60	0.0	0.0	0.0	0.0
1415	5	36.01	0.0	-5.60e-03	-3.20	0.0	0.95	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.05e-03	0.0	90.0	0.95	-1.60	0.0	0.0	0.0	0.0
1416	1	46.81	0.0	-2.28e-03	-4.16	0.0	0.84	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	0.84	-2.08	0.0	0.0	0.0	0.0
1416	2	36.01	0.0	-1.74e-03	-3.20	0.0	0.69	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.42e-03	0.0	90.0	0.69	-1.60	0.0	0.0	0.0	0.0
1416	3	36.01	0.0	-1.76e-03	-3.20	0.0	0.63	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.88e-03	0.0	90.0	0.63	-1.60	0.0	0.0	0.0	0.0
1416	4	36.01	0.0	-1.81e-03	-3.20	0.0	0.52	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.77e-03	0.0	90.0	0.52	-1.60	0.0	0.0	0.0	0.0
1416	5	36.01	0.0	-1.81e-03	-3.20	0.0	0.52	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.77e-03	0.0	90.0	0.52	-1.60	0.0	0.0	0.0	0.0
1420	1	69.92	0.0	8.96e-03	-5.09	0.0	-0.03	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.21	0.0	110.0	-0.03	-2.54	0.0	0.0	0.0	0.0
1420	2	53.79	0.0	7.22e-03	-3.91	0.0	-0.02	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.17	0.0	110.0	-0.02	-1.96	0.0	0.0	0.0	0.0
1420	3	53.79	0.0	6.75e-03	-3.91	0.0	-0.02	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.16	0.0	110.0	-0.02	-1.96	0.0	0.0	0.0	0.0
1420	4	53.79	0.0	5.79e-03	-3.91	0.0	-0.02	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.14	0.0	110.0	-0.02	-1.96	0.0	0.0	0.0	0.0
1420	5	53.79	0.0	5.79e-03	-3.91	0.0	-0.02	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.14	0.0	110.0	-0.02	-1.96	0.0	0.0	0.0	0.0
1422	1	69.92	0.0	-0.04	-5.09	0.0	-6.54	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	3.24e-03	0.0	110.0	-6.54	-2.54	0.0	0.0	0.0	0.0
1422	2	53.79	0.0	-0.04	-3.91	0.0	-5.28	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	2.66e-03	0.0	110.0	-5.28	-1.96	0.0	0.0	0.0	0.0
1422	3	53.79	0.0	-0.03	-3.91	0.0	-4.92	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	2.42e-03	0.0	110.0	-4.92	-1.96	0.0	0.0	0.0	0.0
1422	4	53.79	0.0	-0.03	-3.91	0.0	-4.20	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	1.94e-03	0.0	110.0	-4.20	-1.96	0.0	0.0	0.0	0.0
1422	5	53.79	0.0	-0.03	-3.91	0.0	-4.20	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	1.94e-03	0.0	110.0	-4.20	-1.96	0.0	0.0	0.0	0.0
1423	1	69.92	0.0	0.05	-5.09	0.0	-5.35	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	2.82e-03	0.0	110.0	-5.35	-2.54	0.0	0.0	0.0	0.0
1423	2	53.79	0.0	0.04	-3.91	0.0	-4.32	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	2.17e-03	0.0	110.0	-4.32	-1.96	0.0	0.0	0.0	0.0
1423	3	53.79	0.0	0.04	-3.91	0.0	-4.03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	2.17e-03	0.0	110.0	-4.03	-1.96	0.0	0.0	0.0	0.0
1423	4	53.79	0.0	0.03	-3.91	0.0	-3.44	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	2.16e-03	0.0	110.0	-3.44	-1.96	0.0	0.0	0.0	0.0
1423	5	53.79	0.0	0.03	-3.91	0.0	-3.44	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	2.16e-03	0.0	110.0	-3.44	-1.96	0.0	0.0	0.0	0.0
1425	1	69.92	0.0	2.70e-03	-5.09	0.0	-16.39	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.09	0.0	110.0	-16.39	-2.54	0.0	0.0	0.0	0.0
1425	2	53.79	0.0	2.17e-03	-3.91	0.0	-13.18	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.07	0.0	110.0	-13.18	-1.96	0.0	0.0	0.0	0.0
1425	3	53.79	0.0	2.03e-03	-3.91	0.0	-12.35	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.06	0.0	110.0	-12.35	-1.96	0.0	0.0	0.0	0.0
1425	4	53.79	0.0	-1.94e-03	-3.91	0.0	-10.70	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.06	0.0	110.0	-10.70	-1.96	0.0	0.0	0.0	0.0
1425	5	53.79	0.0	-1.94e-03	-3.91	0.0	-10.70	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.06	0.0	110.0	-10.70	-1.96	0.0	0.0	0.0	0.0
1478	1	508.68	23.45	-0.02	-2.08	0.0	-46.91	12.34	0.52	-12.54	0.0	0.0
		0.0	0.0	-2.30e-03	0.0	45.0	-46.91	10.26	0.52	-12.54	23.45	508.68
1478	2	413.85	18.96	-0.01	-1.60	0.0	-38.89	10.00	0.42	-10.13	0.0	0.0
		0.0	0.0	-1.86e-03	0.0	45.0	-38.89	8.40	0.42	-10.13	18.96	413.85
1478	3	381.28	17.62	-0.01	-1.60	0.0	-34.95	9.27	0.39	-9.41	0.0	0.0
		0.0	0.0	-1.73e-03	0.0	45.0	-34.95	7.67	0.39	-9.41	17.62	381.28
1478	4	316.13	14.95	-9.82e-03	-1.60	0.0	-26.79	7.83	0.33	-7.99	0.0	0.0
		0.0	0.0	-1.47e-03	0.0	45.0	-26.79	6.23	0.33	-7.99	14.95	316.13
1478	5	316.13	14.95	-9.82e-03	-1.60	0.0	-26.79	7.83	0.33	-7.99	0.0	0.0
		0.0	0.0	-1.47e-03	0.0	45.0	-26.79	6.23	0.33	-7.99	14.95	316.13
1479	1	69.92	0.0	-0.07	-5.09	0.0	-381.14	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-3.17e-03	0.0	110.0	-381.14	-2.54	0.0	0.0	0.0	0.0
1479	2	53.79	0.0	-0.05	-3.91	0.0	-307.46	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.56e-03	0.0	110.0	-307.46	-1.96	0.0	0.0	0.0	0.0
1479	3	53.79	0.0	-0.05	-3.91	0.0	-286.67	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.39e-03	0.0	110.0	-286.67	-1.96	0.0	0.0	0.0	0.0
1479	4	53.79	0.0	-0.04	-3.91	0.0	-245.34	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.05e-03	0.0	110.0	-245.34	-1.96	0.0	0.0	0.0	0.0
1479	5	53.79	0.0	-0.04	-3.91	0.0	-245.34	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.05e-03	0.0	110.0	-245.34	-1.96	0.0	0.0	0.0	0.0
1480	1	69.92	0.0	0.07	-5.09	0.0	-371.51	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-2.41e-03	0.0	110.0	-371.51	-2.54	0.0	0.0	0.0	0.0
1480	2	53.79	0.0	0.06	-3.91	0.0	-299.82	1.96	0.0	0.0	0.0	0.0



		0.0	0.0	-1.94e-03	0.0	110.0	-299.82	-1.96	0.0	0.0	0.0	0.0
1480	3	53.79	0.0	0.05	-3.91	0.0	-279.56	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.82e-03	0.0	110.0	-279.56	-1.96	0.0	0.0	0.0	0.0
1480	4	53.79	0.0	0.04	-3.91	0.0	-239.05	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.56e-03	0.0	110.0	-239.05	-1.96	0.0	0.0	0.0	0.0
1480	5	53.79	0.0	0.04	-3.91	0.0	-239.05	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.56e-03	0.0	110.0	-239.05	-1.96	0.0	0.0	0.0	0.0
1481	1	69.92	0.0	9.51e-03	-5.09	0.0	-0.02	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.20	0.0	110.0	-0.02	-2.54	0.0	0.0	0.0	0.0
1481	2	53.79	0.0	7.67e-03	-3.91	0.0	-0.02	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.16	0.0	110.0	-0.02	-1.96	0.0	0.0	0.0	0.0
1481	3	53.79	0.0	7.16e-03	-3.91	0.0	-0.02	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.15	0.0	110.0	-0.02	-1.96	0.0	0.0	0.0	0.0
1481	4	53.79	0.0	6.16e-03	-3.91	0.0	-0.01	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.13	0.0	110.0	-0.01	-1.96	0.0	0.0	0.0	0.0
1481	5	53.79	0.0	6.16e-03	-3.91	0.0	-0.01	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.13	0.0	110.0	-0.01	-1.96	0.0	0.0	0.0	0.0
1490	1	69.92	0.0	-0.05	-5.09	0.0	-5.38	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	3.29e-03	0.0	110.0	-5.38	-2.54	0.0	0.0	0.0	0.0
1490	2	53.79	0.0	-0.04	-3.91	0.0	-4.34	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	2.69e-03	0.0	110.0	-4.34	-1.96	0.0	0.0	0.0	0.0
1490	3	53.79	0.0	-0.04	-3.91	0.0	-4.05	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	2.46e-03	0.0	110.0	-4.05	-1.96	0.0	0.0	0.0	0.0
1490	4	53.79	0.0	-0.03	-3.91	0.0	-3.46	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	1.97e-03	0.0	110.0	-3.46	-1.96	0.0	0.0	0.0	0.0
1490	5	53.79	0.0	-0.03	-3.91	0.0	-3.46	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	1.97e-03	0.0	110.0	-3.46	-1.96	0.0	0.0	0.0	0.0
1491	1	69.92	0.0	-4.68e-03	-5.09	0.0	-12.02	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-0.03	0.0	110.0	-12.02	-2.54	0.0	0.0	0.0	0.0
1491	2	53.79	0.0	-3.64e-03	-3.91	0.0	-9.68	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	-9.68	-1.96	0.0	0.0	0.0	0.0
1491	3	53.79	0.0	-3.58e-03	-3.91	0.0	-9.06	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	-9.06	-1.96	0.0	0.0	0.0	0.0
1491	4	53.79	0.0	-3.46e-03	-3.91	0.0	-7.81	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	-7.81	-1.96	0.0	0.0	0.0	0.0
1491	5	53.79	0.0	-3.46e-03	-3.91	0.0	-7.81	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	-7.81	-1.96	0.0	0.0	0.0	0.0
1492	1	69.92	0.0	5.39e-03	-5.09	0.0	-13.26	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.21	0.0	110.0	-13.26	-2.54	0.0	0.0	0.0	0.0
1492	2	53.79	0.0	4.34e-03	-3.91	0.0	-10.68	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.17	0.0	110.0	-10.68	-1.96	0.0	0.0	0.0	0.0
1492	3	53.79	0.0	4.06e-03	-3.91	0.0	-10.00	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.16	0.0	110.0	-10.00	-1.96	0.0	0.0	0.0	0.0
1492	4	53.79	0.0	3.51e-03	-3.91	0.0	-8.62	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.14	0.0	110.0	-8.62	-1.96	0.0	0.0	0.0	0.0
1492	5	53.79	0.0	3.51e-03	-3.91	0.0	-8.62	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.14	0.0	110.0	-8.62	-1.96	0.0	0.0	0.0	0.0
1494	1	69.92	0.0	0.04	-5.09	0.0	-6.71	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	2.85e-03	0.0	110.0	-6.71	-2.54	0.0	0.0	0.0	0.0
1494	2	53.79	0.0	0.04	-3.91	0.0	-5.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	2.19e-03	0.0	110.0	-5.42	-1.96	0.0	0.0	0.0	0.0
1494	3	53.79	0.0	0.03	-3.91	0.0	-5.05	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	2.19e-03	0.0	110.0	-5.05	-1.96	0.0	0.0	0.0	0.0
1494	4	53.79	0.0	0.03	-3.91	0.0	-4.31	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	2.18e-03	0.0	110.0	-4.31	-1.96	0.0	0.0	0.0	0.0
1494	5	53.79	0.0	0.03	-3.91	0.0	-4.31	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	2.18e-03	0.0	110.0	-4.31	-1.96	0.0	0.0	0.0	0.0
1495	1	69.92	0.0	-0.05	-5.09	0.0	-6.17	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	2.38e-03	0.0	110.0	-6.17	-2.54	0.0	0.0	0.0	0.0
1495	2	53.79	0.0	-0.04	-3.91	0.0	-4.98	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	1.96e-03	0.0	110.0	-4.98	-1.96	0.0	0.0	0.0	0.0
1495	3	53.79	0.0	-0.04	-3.91	0.0	-4.64	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	1.78e-03	0.0	110.0	-4.64	-1.96	0.0	0.0	0.0	0.0
1495	4	53.79	0.0	-0.04	-3.91	0.0	-3.96	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	1.39e-03	0.0	110.0	-3.96	-1.96	0.0	0.0	0.0	0.0
1495	5	53.79	0.0	-0.04	-3.91	0.0	-3.96	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	1.39e-03	0.0	110.0	-3.96	-1.96	0.0	0.0	0.0	0.0
1496	1	69.92	0.0	-0.01	-5.09	0.0	-15.95	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-15.95	-2.54	0.0	0.0	0.0	0.0
1496	2	53.79	0.0	-0.01	-3.91	0.0	-12.84	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-12.84	-1.96	0.0	0.0	0.0	0.0
1496	3	53.79	0.0	-0.01	-3.91	0.0	-12.02	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-12.02	-1.96	0.0	0.0	0.0	0.0
1496	4	53.79	0.0	-9.34e-03	-3.91	0.0	-10.36	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-8.95e-03	0.0	110.0	-10.36	-1.96	0.0	0.0	0.0	0.0
1496	5	53.79	0.0	-9.34e-03	-3.91	0.0	-10.36	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-8.95e-03	0.0	110.0	-10.36	-1.96	0.0	0.0	0.0	0.0

1497	1	69.92	0.0	-0.02	-5.09	0.0	-0.46	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-0.46	-2.54	0.0	0.0	0.0	0.0
1497	2	53.79	0.0	-0.02	-3.91	0.0	-0.37	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-8.88e-03	0.0	110.0	-0.37	-1.96	0.0	0.0	0.0	0.0
1497	3	53.79	0.0	-0.02	-3.91	0.0	-0.35	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-8.30e-03	0.0	110.0	-0.35	-1.96	0.0	0.0	0.0	0.0
1497	4	53.79	0.0	-0.01	-3.91	0.0	-0.30	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-7.14e-03	0.0	110.0	-0.30	-1.96	0.0	0.0	0.0	0.0
1497	5	53.79	0.0	-0.01	-3.91	0.0	-0.30	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-7.14e-03	0.0	110.0	-0.30	-1.96	0.0	0.0	0.0	0.0
1499	1	69.92	0.0	0.05	-5.09	0.0	-6.11	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	3.77e-03	0.0	110.0	-6.11	-2.54	0.0	0.0	0.0	0.0
1499	2	53.79	0.0	0.04	-3.91	0.0	-4.93	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	2.93e-03	0.0	110.0	-4.93	-1.96	0.0	0.0	0.0	0.0
1499	3	53.79	0.0	0.04	-3.91	0.0	-4.59	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	2.88e-03	0.0	110.0	-4.59	-1.96	0.0	0.0	0.0	0.0
1499	4	53.79	0.0	0.03	-3.91	0.0	-3.92	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	2.78e-03	0.0	110.0	-3.92	-1.96	0.0	0.0	0.0	0.0
1499	5	53.79	0.0	0.03	-3.91	0.0	-3.92	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	2.78e-03	0.0	110.0	-3.92	-1.96	0.0	0.0	0.0	0.0
1500	1	69.92	0.0	-0.06	-5.09	0.0	-8.61	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	1.37e-03	0.0	110.0	-8.61	-2.54	0.0	0.0	0.0	0.0
1500	2	53.79	0.0	-0.05	-3.91	0.0	-6.96	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	1.14e-03	0.0	110.0	-6.96	-1.96	0.0	0.0	0.0	0.0
1500	3	53.79	0.0	-0.04	-3.91	0.0	-6.47	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	1.01e-03	0.0	110.0	-6.47	-1.96	0.0	0.0	0.0	0.0
1500	4	53.79	0.0	-0.04	-3.91	0.0	-5.50	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	7.49e-04	0.0	110.0	-5.50	-1.96	0.0	0.0	0.0	0.0
1500	5	53.79	0.0	-0.04	-3.91	0.0	-5.50	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	7.49e-04	0.0	110.0	-5.50	-1.96	0.0	0.0	0.0	0.0
1503	1	69.92	0.0	0.02	-5.09	0.0	-0.48	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.05	0.0	110.0	-0.48	-2.54	0.0	0.0	0.0	0.0
1503	2	53.79	0.0	0.02	-3.91	0.0	-0.39	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.04	0.0	110.0	-0.39	-1.96	0.0	0.0	0.0	0.0
1503	3	53.79	0.0	0.02	-3.91	0.0	-0.36	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.04	0.0	110.0	-0.36	-1.96	0.0	0.0	0.0	0.0
1503	4	53.79	0.0	0.01	-3.91	0.0	-0.32	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.03	0.0	110.0	-0.32	-1.96	0.0	0.0	0.0	0.0
1503	5	53.79	0.0	0.01	-3.91	0.0	-0.32	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.03	0.0	110.0	-0.32	-1.96	0.0	0.0	0.0	0.0
1504	1	69.92	0.0	0.06	-5.09	0.0	-8.55	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	4.94e-03	0.0	110.0	-8.55	-2.54	0.0	0.0	0.0	0.0
1504	2	53.79	0.0	0.05	-3.91	0.0	-6.91	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	3.88e-03	0.0	110.0	-6.91	-1.96	0.0	0.0	0.0	0.0
1504	3	53.79	0.0	0.04	-3.91	0.0	-6.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	3.76e-03	0.0	110.0	-6.43	-1.96	0.0	0.0	0.0	0.0
1504	4	53.79	0.0	0.04	-3.91	0.0	-5.47	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	3.52e-03	0.0	110.0	-5.47	-1.96	0.0	0.0	0.0	0.0
1504	5	53.79	0.0	0.04	-3.91	0.0	-5.47	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	3.52e-03	0.0	110.0	-5.47	-1.96	0.0	0.0	0.0	0.0
1505	1	69.92	0.0	-0.06	-5.09	0.0	-8.92	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	3.88e-04	0.0	110.0	-8.92	-2.54	0.0	0.0	0.0	0.0
1505	2	53.79	0.0	-0.05	-3.91	0.0	-7.21	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	3.45e-04	0.0	110.0	-7.21	-1.96	0.0	0.0	0.0	0.0
1505	3	53.79	0.0	-0.04	-3.91	0.0	-6.71	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	2.79e-04	0.0	110.0	-6.71	-1.96	0.0	0.0	0.0	0.0
1505	4	53.79	0.0	-0.04	-3.91	0.0	-5.70	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	1.31e-04	0.0	110.0	-5.70	-1.96	0.0	0.0	0.0	0.0
1505	5	53.79	0.0	-0.04	-3.91	0.0	-5.70	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	1.31e-04	0.0	110.0	-5.70	-1.96	0.0	0.0	0.0	0.0
1506	1	69.92	0.0	-0.02	-5.09	0.0	-0.47	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-0.47	-2.54	0.0	0.0	0.0	0.0
1506	2	53.79	0.0	-0.02	-3.91	0.0	-0.37	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-9.04e-03	0.0	110.0	-0.37	-1.96	0.0	0.0	0.0	0.0
1506	3	53.79	0.0	-0.02	-3.91	0.0	-0.35	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-8.44e-03	0.0	110.0	-0.35	-1.96	0.0	0.0	0.0	0.0
1506	4	53.79	0.0	-0.01	-3.91	0.0	-0.31	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-7.25e-03	0.0	110.0	-0.31	-1.96	0.0	0.0	0.0	0.0
1506	5	53.79	0.0	-0.01	-3.91	0.0	-0.31	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-7.25e-03	0.0	110.0	-0.31	-1.96	0.0	0.0	0.0	0.0
1509	1	69.92	0.0	0.06	-5.09	0.0	-8.79	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	6.08e-03	0.0	110.0	-8.79	-2.54	0.0	0.0	0.0	0.0
1509	2	53.79	0.0	0.05	-3.91	0.0	-7.11	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	4.80e-03	0.0	110.0	-7.11	-1.96	0.0	0.0	0.0	0.0
1509	3	53.79	0.0	0.04	-3.91	0.0	-6.62	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	4.62e-03	0.0	110.0	-6.62	-1.96	0.0	0.0	0.0	0.0
1509	4	53.79	0.0	0.04	-3.91	0.0	-5.62	1.96	0.0	0.0	0.0	0.0

		0.0	0.0	4.25e-03	0.0	110.0	-5.62	-1.96	0.0	0.0	0.0	0.0
1509	5	53.79	0.0	0.04	-3.91	0.0	-5.62	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	4.25e-03	0.0	110.0	-5.62	-1.96	0.0	0.0	0.0	0.0
1510	1	69.92	0.0	-0.06	-5.09	0.0	-6.76	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-5.57e-04	0.0	110.0	-6.76	-2.54	0.0	0.0	0.0	0.0
1510	2	53.79	0.0	-0.05	-3.91	0.0	-5.46	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-4.23e-04	0.0	110.0	-5.46	-1.96	0.0	0.0	0.0	0.0
1510	3	53.79	0.0	-0.04	-3.91	0.0	-5.08	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-4.32e-04	0.0	110.0	-5.08	-1.96	0.0	0.0	0.0	0.0
1510	4	53.79	0.0	-0.04	-3.91	0.0	-4.33	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-4.68e-04	0.0	110.0	-4.33	-1.96	0.0	0.0	0.0	0.0
1510	5	53.79	0.0	-0.04	-3.91	0.0	-4.33	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-4.68e-04	0.0	110.0	-4.33	-1.96	0.0	0.0	0.0	0.0
1512	1	69.92	0.0	-0.02	-5.09	0.0	-16.69	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-16.69	-2.54	0.0	0.0	0.0	0.0
1512	2	53.79	0.0	-0.02	-3.91	0.0	-13.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-9.10e-03	0.0	110.0	-13.43	-1.96	0.0	0.0	0.0	0.0
1512	3	53.79	0.0	-0.02	-3.91	0.0	-12.57	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-8.50e-03	0.0	110.0	-12.57	-1.96	0.0	0.0	0.0	0.0
1512	4	53.79	0.0	-0.01	-3.91	0.0	-10.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-7.30e-03	0.0	110.0	-10.85	-1.96	0.0	0.0	0.0	0.0
1512	5	53.79	0.0	-0.01	-3.91	0.0	-10.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-7.30e-03	0.0	110.0	-10.85	-1.96	0.0	0.0	0.0	0.0
1514	1	69.92	0.0	0.06	-5.09	0.0	-6.58	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	7.22e-03	0.0	110.0	-6.58	-2.54	0.0	0.0	0.0	0.0
1514	2	53.79	0.0	0.05	-3.91	0.0	-5.32	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	5.72e-03	0.0	110.0	-5.32	-1.96	0.0	0.0	0.0	0.0
1514	3	53.79	0.0	0.04	-3.91	0.0	-4.95	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	5.47e-03	0.0	110.0	-4.95	-1.96	0.0	0.0	0.0	0.0
1514	4	53.79	0.0	0.04	-3.91	0.0	-4.22	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	4.98e-03	0.0	110.0	-4.22	-1.96	0.0	0.0	0.0	0.0
1514	5	53.79	0.0	0.04	-3.91	0.0	-4.22	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	4.98e-03	0.0	110.0	-4.22	-1.96	0.0	0.0	0.0	0.0
1515	1	69.92	0.0	-0.06	-5.09	0.0	-6.99	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-1.38e-03	0.0	110.0	-6.99	-2.54	0.0	0.0	0.0	0.0
1515	2	53.79	0.0	-0.05	-3.91	0.0	-5.64	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.09e-03	0.0	110.0	-5.64	-1.96	0.0	0.0	0.0	0.0
1515	3	53.79	0.0	-0.05	-3.91	0.0	-5.25	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.05e-03	0.0	110.0	-5.25	-1.96	0.0	0.0	0.0	0.0
1515	4	53.79	0.0	-0.04	-3.91	0.0	-4.48	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-9.86e-04	0.0	110.0	-4.48	-1.96	0.0	0.0	0.0	0.0
1515	5	53.79	0.0	-0.04	-3.91	0.0	-4.48	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-9.86e-04	0.0	110.0	-4.48	-1.96	0.0	0.0	0.0	0.0
1518	1	69.92	0.0	-0.02	-5.09	0.0	-18.65	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-18.65	-2.54	0.0	0.0	0.0	0.0
1518	2	53.79	0.0	-0.02	-3.91	0.0	-15.01	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-9.17e-03	0.0	110.0	-15.01	-1.96	0.0	0.0	0.0	0.0
1518	3	53.79	0.0	-0.02	-3.91	0.0	-14.05	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-8.57e-03	0.0	110.0	-14.05	-1.96	0.0	0.0	0.0	0.0
1518	4	53.79	0.0	-0.01	-3.91	0.0	-12.14	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-7.36e-03	0.0	110.0	-12.14	-1.96	0.0	0.0	0.0	0.0
1518	5	53.79	0.0	-0.01	-3.91	0.0	-12.14	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-7.36e-03	0.0	110.0	-12.14	-1.96	0.0	0.0	0.0	0.0
1519	1	69.92	0.0	0.06	-5.09	0.0	-7.07	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	8.28e-03	0.0	110.0	-7.07	-2.54	0.0	0.0	0.0	0.0
1519	2	53.79	0.0	0.05	-3.91	0.0	-5.71	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	6.58e-03	0.0	110.0	-5.71	-1.96	0.0	0.0	0.0	0.0
1519	3	53.79	0.0	0.05	-3.91	0.0	-5.32	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	6.27e-03	0.0	110.0	-5.32	-1.96	0.0	0.0	0.0	0.0
1519	4	53.79	0.0	0.04	-3.91	0.0	-4.53	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	5.64e-03	0.0	110.0	-4.53	-1.96	0.0	0.0	0.0	0.0
1519	5	53.79	0.0	0.04	-3.91	0.0	-4.53	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	5.64e-03	0.0	110.0	-4.53	-1.96	0.0	0.0	0.0	0.0
1520	1	69.92	0.0	-0.06	-5.09	0.0	-9.26	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-2.18e-03	0.0	110.0	-9.26	-2.54	0.0	0.0	0.0	0.0
1520	2	53.79	0.0	-0.05	-3.91	0.0	-7.48	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.73e-03	0.0	110.0	-7.48	-1.96	0.0	0.0	0.0	0.0
1520	3	53.79	0.0	-0.05	-3.91	0.0	-6.96	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.64e-03	0.0	110.0	-6.96	-1.96	0.0	0.0	0.0	0.0
1520	4	53.79	0.0	-0.04	-3.91	0.0	-5.92	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.48e-03	0.0	110.0	-5.92	-1.96	0.0	0.0	0.0	0.0
1520	5	53.79	0.0	-0.04	-3.91	0.0	-5.92	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.48e-03	0.0	110.0	-5.92	-1.96	0.0	0.0	0.0	0.0
1524	1	69.92	0.0	0.06	-5.09	0.0	-8.84	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	9.07e-03	0.0	110.0	-8.84	-2.54	0.0	0.0	0.0	0.0
1524	2	53.79	0.0	0.05	-3.91	0.0	-7.14	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	7.23e-03	0.0	110.0	-7.14	-1.96	0.0	0.0	0.0	0.0

1524	3	53.79	0.0	0.05	-3.91	0.0	-6.64	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	6.87e-03	0.0	110.0	-6.64	-1.96	0.0	0.0	0.0	0.0
1524	4	53.79	0.0	0.04	-3.91	0.0	-5.65	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	6.15e-03	0.0	110.0	-5.65	-1.96	0.0	0.0	0.0	0.0
1524	5	53.79	0.0	0.04	-3.91	0.0	-5.65	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	6.15e-03	0.0	110.0	-5.65	-1.96	0.0	0.0	0.0	0.0
1525	1	69.92	0.0	-0.06	-5.09	0.0	-9.29	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-2.97e-03	0.0	110.0	-9.29	-2.54	0.0	0.0	0.0	0.0
1525	2	53.79	0.0	-0.05	-3.91	0.0	-7.51	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.38e-03	0.0	110.0	-7.51	-1.96	0.0	0.0	0.0	0.0
1525	3	53.79	0.0	-0.04	-3.91	0.0	-6.98	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.24e-03	0.0	110.0	-6.98	-1.96	0.0	0.0	0.0	0.0
1525	4	53.79	0.0	-0.04	-3.91	0.0	-5.93	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.97e-03	0.0	110.0	-5.93	-1.96	0.0	0.0	0.0	0.0
1525	5	53.79	0.0	-0.04	-3.91	0.0	-5.93	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.97e-03	0.0	110.0	-5.93	-1.96	0.0	0.0	0.0	0.0
1526	1	69.92	0.0	0.03	-5.09	0.0	-23.05	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.05	0.0	110.0	-23.05	-2.54	0.0	0.0	0.0	0.0
1526	2	53.79	0.0	0.02	-3.91	0.0	-18.56	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.04	0.0	110.0	-18.56	-1.96	0.0	0.0	0.0	0.0
1526	3	53.79	0.0	0.02	-3.91	0.0	-17.36	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.04	0.0	110.0	-17.36	-1.96	0.0	0.0	0.0	0.0
1526	4	53.79	0.0	0.02	-3.91	0.0	-14.97	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.03	0.0	110.0	-14.97	-1.96	0.0	0.0	0.0	0.0
1526	5	53.79	0.0	0.02	-3.91	0.0	-14.97	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.03	0.0	110.0	-14.97	-1.96	0.0	0.0	0.0	0.0
1527	1	69.92	0.0	-0.02	-5.09	0.0	-0.31	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-0.31	-2.54	0.0	0.0	0.0	0.0
1527	2	53.79	0.0	-0.02	-3.91	0.0	-0.25	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-9.30e-03	0.0	110.0	-0.25	-1.96	0.0	0.0	0.0	0.0
1527	3	53.79	0.0	-0.02	-3.91	0.0	-0.23	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-8.69e-03	0.0	110.0	-0.23	-1.96	0.0	0.0	0.0	0.0
1527	4	53.79	0.0	-0.01	-3.91	0.0	-0.20	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-7.48e-03	0.0	110.0	-0.20	-1.96	0.0	0.0	0.0	0.0
1527	5	53.79	0.0	-0.01	-3.91	0.0	-0.20	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-7.48e-03	0.0	110.0	-0.20	-1.96	0.0	0.0	0.0	0.0
1529	1	69.92	0.0	0.06	-5.09	0.0	-8.73	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	9.81e-03	0.0	110.0	-8.73	-2.54	0.0	0.0	0.0	0.0
1529	2	53.79	0.0	0.05	-3.91	0.0	-7.06	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	7.82e-03	0.0	110.0	-7.06	-1.96	0.0	0.0	0.0	0.0
1529	3	53.79	0.0	0.05	-3.91	0.0	-6.57	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	7.42e-03	0.0	110.0	-6.57	-1.96	0.0	0.0	0.0	0.0
1529	4	53.79	0.0	0.04	-3.91	0.0	-5.58	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	6.61e-03	0.0	110.0	-5.58	-1.96	0.0	0.0	0.0	0.0
1529	5	53.79	0.0	0.04	-3.91	0.0	-5.58	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	6.61e-03	0.0	110.0	-5.58	-1.96	0.0	0.0	0.0	0.0
1530	1	69.92	0.0	-0.06	-5.09	0.0	-6.71	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-3.76e-03	0.0	110.0	-6.71	-2.54	0.0	0.0	0.0	0.0
1530	2	53.79	0.0	-0.05	-3.91	0.0	-5.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.02e-03	0.0	110.0	-5.42	-1.96	0.0	0.0	0.0	0.0
1530	3	53.79	0.0	-0.04	-3.91	0.0	-5.05	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.83e-03	0.0	110.0	-5.05	-1.96	0.0	0.0	0.0	0.0
1530	4	53.79	0.0	-0.04	-3.91	0.0	-4.30	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.46e-03	0.0	110.0	-4.30	-1.96	0.0	0.0	0.0	0.0
1530	5	53.79	0.0	-0.04	-3.91	0.0	-4.30	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.46e-03	0.0	110.0	-4.30	-1.96	0.0	0.0	0.0	0.0
1533	1	69.92	0.0	0.03	-5.09	0.0	-1.00	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.05	0.0	110.0	-1.00	-2.54	0.0	0.0	0.0	0.0
1533	2	53.79	0.0	0.02	-3.91	0.0	-0.81	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.04	0.0	110.0	-0.81	-1.96	0.0	0.0	0.0	0.0
1533	3	53.79	0.0	0.02	-3.91	0.0	-0.76	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.04	0.0	110.0	-0.76	-1.96	0.0	0.0	0.0	0.0
1533	4	53.79	0.0	0.02	-3.91	0.0	-0.66	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.03	0.0	110.0	-0.66	-1.96	0.0	0.0	0.0	0.0
1533	5	53.79	0.0	0.02	-3.91	0.0	-0.66	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.03	0.0	110.0	-0.66	-1.96	0.0	0.0	0.0	0.0
1534	1	69.92	0.0	0.06	-5.09	0.0	-6.67	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	110.0	-6.67	-2.54	0.0	0.0	0.0	0.0
1534	2	53.79	0.0	0.05	-3.91	0.0	-5.39	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	8.38e-03	0.0	110.0	-5.39	-1.96	0.0	0.0	0.0	0.0
1534	3	53.79	0.0	0.05	-3.91	0.0	-5.02	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	7.94e-03	0.0	110.0	-5.02	-1.96	0.0	0.0	0.0	0.0
1534	4	53.79	0.0	0.04	-3.91	0.0	-4.27	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	7.05e-03	0.0	110.0	-4.27	-1.96	0.0	0.0	0.0	0.0
1534	5	53.79	0.0	0.04	-3.91	0.0	-4.27	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	7.05e-03	0.0	110.0	-4.27	-1.96	0.0	0.0	0.0	0.0
1535	1	69.92	0.0	-0.06	-5.09	0.0	-6.47	2.54	0.0	0.0	0.0	0.0

		0.0	0.0	-4.63e-03	0.0	110.0	-6.47	-2.54	0.0	0.0	0.0	0.0
1535	2	53.79	0.0	-0.05	-3.91	0.0	-5.23	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.73e-03	0.0	110.0	-5.23	-1.96	0.0	0.0	0.0	0.0
1535	3	53.79	0.0	-0.04	-3.91	0.0	-4.86	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.48e-03	0.0	110.0	-4.86	-1.96	0.0	0.0	0.0	0.0
1535	4	53.79	0.0	-0.04	-3.91	0.0	-4.13	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.01e-03	0.0	110.0	-4.13	-1.96	0.0	0.0	0.0	0.0
1535	5	53.79	0.0	-0.04	-3.91	0.0	-4.13	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.01e-03	0.0	110.0	-4.13	-1.96	0.0	0.0	0.0	0.0
1538	1	46.81	0.0	-9.26e-03	-4.16	0.0	7.75	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.76e-03	0.0	90.0	7.75	-2.08	0.0	0.0	0.0	0.0
1538	2	36.01	0.0	-7.48e-03	-3.20	0.0	6.08	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.22e-03	0.0	90.0	6.08	-1.60	0.0	0.0	0.0	0.0
1538	3	36.01	0.0	-6.96e-03	-3.20	0.0	5.91	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.08e-03	0.0	90.0	5.91	-1.60	0.0	0.0	0.0	0.0
1538	4	36.01	0.0	-5.94e-03	-3.20	0.0	5.65	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.79e-03	0.0	90.0	5.65	-1.60	0.0	0.0	0.0	0.0
1538	5	36.01	0.0	-5.94e-03	-3.20	0.0	5.65	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.79e-03	0.0	90.0	5.65	-1.60	0.0	0.0	0.0	0.0
1539	1	69.92	0.0	0.07	-5.09	0.0	-7.16	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	110.0	-7.16	-2.54	0.0	0.0	0.0	0.0
1539	2	53.79	0.0	0.05	-3.91	0.0	-5.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	8.88e-03	0.0	110.0	-5.78	-1.96	0.0	0.0	0.0	0.0
1539	3	53.79	0.0	0.05	-3.91	0.0	-5.39	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	8.40e-03	0.0	110.0	-5.39	-1.96	0.0	0.0	0.0	0.0
1539	4	53.79	0.0	0.04	-3.91	0.0	-4.59	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	7.44e-03	0.0	110.0	-4.59	-1.96	0.0	0.0	0.0	0.0
1539	5	53.79	0.0	0.04	-3.91	0.0	-4.59	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	7.44e-03	0.0	110.0	-4.59	-1.96	0.0	0.0	0.0	0.0
1540	1	69.92	0.0	-0.05	-5.09	0.0	-7.64	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-5.61e-03	0.0	110.0	-7.64	-2.54	0.0	0.0	0.0	0.0
1540	2	53.79	0.0	-0.04	-3.91	0.0	-6.18	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-4.51e-03	0.0	110.0	-6.18	-1.96	0.0	0.0	0.0	0.0
1540	3	53.79	0.0	-0.04	-3.91	0.0	-5.74	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-4.21e-03	0.0	110.0	-5.74	-1.96	0.0	0.0	0.0	0.0
1540	4	53.79	0.0	-0.03	-3.91	0.0	-4.86	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.63e-03	0.0	110.0	-4.86	-1.96	0.0	0.0	0.0	0.0
1540	5	53.79	0.0	-0.03	-3.91	0.0	-4.86	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.63e-03	0.0	110.0	-4.86	-1.96	0.0	0.0	0.0	0.0
1544	1	69.92	0.0	0.07	-5.09	0.0	-10.29	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	110.0	-10.29	-2.54	0.0	0.0	0.0	0.0
1544	2	53.79	0.0	0.05	-3.91	0.0	-8.31	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	9.32e-03	0.0	110.0	-8.31	-1.96	0.0	0.0	0.0	0.0
1544	3	53.79	0.0	0.05	-3.91	0.0	-7.74	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	8.81e-03	0.0	110.0	-7.74	-1.96	0.0	0.0	0.0	0.0
1544	4	53.79	0.0	0.04	-3.91	0.0	-6.58	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	7.78e-03	0.0	110.0	-6.58	-1.96	0.0	0.0	0.0	0.0
1544	5	53.79	0.0	0.04	-3.91	0.0	-6.58	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	7.78e-03	0.0	110.0	-6.58	-1.96	0.0	0.0	0.0	0.0
1545	1	69.92	0.0	-0.05	-5.09	0.0	-7.72	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-6.32e-03	0.0	110.0	-7.72	-2.54	0.0	0.0	0.0	0.0
1545	2	53.79	0.0	-0.04	-3.91	0.0	-6.25	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-5.09e-03	0.0	110.0	-6.25	-1.96	0.0	0.0	0.0	0.0
1545	3	53.79	0.0	-0.04	-3.91	0.0	-5.80	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-4.75e-03	0.0	110.0	-5.80	-1.96	0.0	0.0	0.0	0.0
1545	4	53.79	0.0	-0.03	-3.91	0.0	-4.91	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-4.08e-03	0.0	110.0	-4.91	-1.96	0.0	0.0	0.0	0.0
1545	5	53.79	0.0	-0.03	-3.91	0.0	-4.91	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-4.08e-03	0.0	110.0	-4.91	-1.96	0.0	0.0	0.0	0.0
1549	1	69.92	0.0	0.07	-5.09	0.0	-10.34	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	110.0	-10.34	-2.54	0.0	0.0	0.0	0.0
1549	2	53.79	0.0	0.05	-3.91	0.0	-8.36	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	9.70e-03	0.0	110.0	-8.36	-1.96	0.0	0.0	0.0	0.0
1549	3	53.79	0.0	0.05	-3.91	0.0	-7.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	9.16e-03	0.0	110.0	-7.78	-1.96	0.0	0.0	0.0	0.0
1549	4	53.79	0.0	0.04	-3.91	0.0	-6.61	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	8.08e-03	0.0	110.0	-6.61	-1.96	0.0	0.0	0.0	0.0
1549	5	53.79	0.0	0.04	-3.91	0.0	-6.61	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	8.08e-03	0.0	110.0	-6.61	-1.96	0.0	0.0	0.0	0.0
1550	1	69.92	0.0	-0.06	-5.09	0.0	-8.47	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-6.77e-03	0.0	110.0	-8.47	-2.54	0.0	0.0	0.0	0.0
1550	2	53.79	0.0	-0.05	-3.91	0.0	-6.84	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-5.46e-03	0.0	110.0	-6.84	-1.96	0.0	0.0	0.0	0.0
1550	3	53.79	0.0	-0.04	-3.91	0.0	-6.36	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-5.09e-03	0.0	110.0	-6.36	-1.96	0.0	0.0	0.0	0.0
1550	4	53.79	0.0	-0.04	-3.91	0.0	-5.40	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-4.36e-03	0.0	110.0	-5.40	-1.96	0.0	0.0	0.0	0.0

1550	5	53.79	0.0	-0.04	-3.91	0.0	-5.40	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-4.36e-03	0.0	110.0	-5.40	-1.96	0.0	0.0	0.0	0.0
1554	1	69.92	0.0	0.06	-5.09	0.0	-9.72	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	110.0	-9.72	-2.54	0.0	0.0	0.0	0.0
1554	2	53.79	0.0	0.05	-3.91	0.0	-7.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	110.0	-7.85	-1.96	0.0	0.0	0.0	0.0
1554	3	53.79	0.0	0.05	-3.91	0.0	-7.31	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	9.48e-03	0.0	110.0	-7.31	-1.96	0.0	0.0	0.0	0.0
1554	4	53.79	0.0	0.04	-3.91	0.0	-6.22	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	8.35e-03	0.0	110.0	-6.22	-1.96	0.0	0.0	0.0	0.0
1554	5	53.79	0.0	0.04	-3.91	0.0	-6.22	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	8.35e-03	0.0	110.0	-6.22	-1.96	0.0	0.0	0.0	0.0
1555	1	69.92	0.0	-0.02	-5.09	0.0	0.11	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	0.11	-2.54	0.0	0.0	0.0	0.0
1555	2	53.79	0.0	-0.01	-3.91	0.0	0.09	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-9.01e-03	0.0	110.0	0.09	-1.96	0.0	0.0	0.0	0.0
1555	3	53.79	0.0	-0.01	-3.91	0.0	0.08	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-8.43e-03	0.0	110.0	0.08	-1.96	0.0	0.0	0.0	0.0
1555	4	53.79	0.0	-0.01	-3.91	0.0	0.07	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-7.28e-03	0.0	110.0	0.07	-1.96	0.0	0.0	0.0	0.0
1555	5	53.79	0.0	-0.01	-3.91	0.0	0.07	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-7.28e-03	0.0	110.0	0.07	-1.96	0.0	0.0	0.0	0.0
1556	1	69.92	0.0	0.02	-5.09	0.0	0.09	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.15	0.0	110.0	0.09	-2.54	0.0	0.0	0.0	0.0
1556	2	53.79	0.0	0.01	-3.91	0.0	0.07	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.12	0.0	110.0	0.07	-1.96	0.0	0.0	0.0	0.0
1556	3	53.79	0.0	0.01	-3.91	0.0	0.06	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.11	0.0	110.0	0.06	-1.96	0.0	0.0	0.0	0.0
1556	4	53.79	0.0	0.01	-3.91	0.0	0.05	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.10	0.0	110.0	0.05	-1.96	0.0	0.0	0.0	0.0
1556	5	53.79	0.0	0.01	-3.91	0.0	0.05	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.10	0.0	110.0	0.05	-1.96	0.0	0.0	0.0	0.0
1557	1	69.92	0.0	0.02	-5.09	0.0	-22.45	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.16	0.0	110.0	-22.45	-2.54	0.0	0.0	0.0	0.0
1557	2	53.79	0.0	0.02	-3.91	0.0	-18.06	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.13	0.0	110.0	-18.06	-1.96	0.0	0.0	0.0	0.0
1557	3	53.79	0.0	0.02	-3.91	0.0	-16.91	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.12	0.0	110.0	-16.91	-1.96	0.0	0.0	0.0	0.0
1557	4	53.79	0.0	0.02	-3.91	0.0	-14.62	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.10	0.0	110.0	-14.62	-1.96	0.0	0.0	0.0	0.0
1557	5	53.79	0.0	0.02	-3.91	0.0	-14.62	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.10	0.0	110.0	-14.62	-1.96	0.0	0.0	0.0	0.0
1558	1	69.92	0.0	-0.02	-5.09	0.0	-20.65	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-20.65	-2.54	0.0	0.0	0.0	0.0
1558	2	53.79	0.0	-0.01	-3.91	0.0	-16.65	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-16.65	-1.96	0.0	0.0	0.0	0.0
1558	3	53.79	0.0	-0.01	-3.91	0.0	-15.55	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-15.55	-1.96	0.0	0.0	0.0	0.0
1558	4	53.79	0.0	-0.01	-3.91	0.0	-13.35	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-8.89e-03	0.0	110.0	-13.35	-1.96	0.0	0.0	0.0	0.0
1558	5	53.79	0.0	-0.01	-3.91	0.0	-13.35	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-8.89e-03	0.0	110.0	-13.35	-1.96	0.0	0.0	0.0	0.0
1559	1	14.15	-5.59	-4.59e-04	-4.16	0.0	-231.58	1.86	0.16	2.01	-20.40	-23.38
		-42.91	-20.40	-5.91e-03	0.0	90.0	-231.58	-2.30	0.16	2.01	-5.59	-42.91
1559	2	10.45	-4.47	-3.39e-04	-3.20	0.0	-185.26	1.42	0.13	1.62	-16.43	-17.93
		-34.08	-16.43	-4.76e-03	0.0	90.0	-185.26	-1.78	0.13	1.62	-4.47	-34.08
1559	3	11.08	-4.20	-3.64e-04	-3.20	0.0	-174.93	1.44	0.12	1.51	-15.39	-18.02
		-32.52	-15.39	-4.46e-03	0.0	90.0	-174.93	-1.76	0.12	1.51	-4.20	-32.52
1559	4	12.28	-3.72	-4.28e-04	-3.20	0.0	-154.35	1.47	0.11	1.30	-13.21	-18.22
		-29.53	-13.21	-3.83e-03	0.0	90.0	-154.35	-1.73	0.11	1.30	-3.72	-29.53
1559	5	12.28	-3.72	-4.28e-04	-3.20	0.0	-154.35	1.47	0.11	1.30	-13.21	-18.22
		-29.53	-13.21	-3.83e-03	0.0	90.0	-154.35	-1.73	0.11	1.30	-3.72	-29.53
1560	1	69.92	0.0	-0.05	-5.09	0.0	-6.08	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-6.99e-03	0.0	110.0	-6.08	-2.54	0.0	0.0	0.0	0.0
1560	2	53.79	0.0	-0.04	-3.91	0.0	-4.90	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-5.64e-03	0.0	110.0	-4.90	-1.96	0.0	0.0	0.0	0.0
1560	3	53.79	0.0	-0.04	-3.91	0.0	-4.57	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-5.25e-03	0.0	110.0	-4.57	-1.96	0.0	0.0	0.0	0.0
1560	4	53.79	0.0	-0.03	-3.91	0.0	-3.90	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-4.49e-03	0.0	110.0	-3.90	-1.96	0.0	0.0	0.0	0.0
1560	5	53.79	0.0	-0.03	-3.91	0.0	-3.90	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-4.49e-03	0.0	110.0	-3.90	-1.96	0.0	0.0	0.0	0.0
1561	1	69.92	0.0	-0.02	-5.09	0.0	-0.07	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-0.07	-2.54	0.0	0.0	0.0	0.0
1561	2	53.79	0.0	-0.01	-3.91	0.0	-0.05	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-0.05	-1.96	0.0	0.0	0.0	0.0
1561	3	53.79	0.0	-0.01	-3.91	0.0	-0.05	1.96	0.0	0.0	0.0	0.0

		0.0	0.0	-0.01	0.0	110.0	-0.05	-1.96	0.0	0.0	0.0	0.0
1561	4	53.79	0.0	-9.68e-03	-3.91	0.0	-0.04	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-9.15e-03	0.0	110.0	-0.04	-1.96	0.0	0.0	0.0	0.0
1561	5	53.79	0.0	-9.68e-03	-3.91	0.0	-0.04	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-9.15e-03	0.0	110.0	-0.04	-1.96	0.0	0.0	0.0	0.0
1564	1	69.92	0.0	0.05	-5.09	0.0	-5.28	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	110.0	-5.28	-2.54	0.0	0.0	0.0	0.0
1564	2	53.79	0.0	0.04	-3.91	0.0	-4.26	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	110.0	-4.26	-1.96	0.0	0.0	0.0	0.0
1564	3	53.79	0.0	0.04	-3.91	0.0	-3.97	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	1.00e-02	0.0	110.0	-3.97	-1.96	0.0	0.0	0.0	0.0
1564	4	53.79	0.0	0.03	-3.91	0.0	-3.39	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	8.80e-03	0.0	110.0	-3.39	-1.96	0.0	0.0	0.0	0.0
1564	5	53.79	0.0	0.03	-3.91	0.0	-3.39	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	8.80e-03	0.0	110.0	-3.39	-1.96	0.0	0.0	0.0	0.0
1565	1	69.92	0.0	-0.04	-5.09	0.0	-7.27	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-6.98e-03	0.0	110.0	-7.27	-2.54	0.0	0.0	0.0	0.0
1565	2	53.79	0.0	-0.03	-3.91	0.0	-5.87	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-5.63e-03	0.0	110.0	-5.87	-1.96	0.0	0.0	0.0	0.0
1565	3	53.79	0.0	-0.03	-3.91	0.0	-5.47	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-5.24e-03	0.0	110.0	-5.47	-1.96	0.0	0.0	0.0	0.0
1565	4	53.79	0.0	-0.03	-3.91	0.0	-4.67	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-4.48e-03	0.0	110.0	-4.67	-1.96	0.0	0.0	0.0	0.0
1565	5	53.79	0.0	-0.03	-3.91	0.0	-4.67	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-4.48e-03	0.0	110.0	-4.67	-1.96	0.0	0.0	0.0	0.0
1567	1	69.92	0.0	0.03	-5.09	0.0	-0.87	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.05	0.0	110.0	-0.87	-2.54	0.0	0.0	0.0	0.0
1567	2	53.79	0.0	0.02	-3.91	0.0	-0.70	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.04	0.0	110.0	-0.70	-1.96	0.0	0.0	0.0	0.0
1567	3	53.79	0.0	0.02	-3.91	0.0	-0.66	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.04	0.0	110.0	-0.66	-1.96	0.0	0.0	0.0	0.0
1567	4	53.79	0.0	0.02	-3.91	0.0	-0.57	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.03	0.0	110.0	-0.57	-1.96	0.0	0.0	0.0	0.0
1567	5	53.79	0.0	0.02	-3.91	0.0	-0.57	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.03	0.0	110.0	-0.57	-1.96	0.0	0.0	0.0	0.0
1568	1	69.92	0.0	-0.02	-5.09	0.0	-0.62	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	-0.62	-2.54	0.0	0.0	0.0	0.0
1568	2	53.79	0.0	-0.02	-3.91	0.0	-0.50	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-0.50	-1.96	0.0	0.0	0.0	0.0
1568	3	53.79	0.0	-0.02	-3.91	0.0	-0.47	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-0.47	-1.96	0.0	0.0	0.0	0.0
1568	4	53.79	0.0	-0.01	-3.91	0.0	-0.41	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-0.41	-1.96	0.0	0.0	0.0	0.0
1568	5	53.79	0.0	-0.01	-3.91	0.0	-0.41	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-0.41	-1.96	0.0	0.0	0.0	0.0
1569	1	69.92	0.0	0.02	-5.09	0.0	-2.57	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	110.0	-2.57	-2.54	0.0	0.0	0.0	0.0
1569	2	53.79	0.0	0.01	-3.91	0.0	-2.08	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	110.0	-2.08	-1.96	0.0	0.0	0.0	0.0
1569	3	53.79	0.0	0.01	-3.91	0.0	-1.93	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	110.0	-1.93	-1.96	0.0	0.0	0.0	0.0
1569	4	53.79	0.0	0.01	-3.91	0.0	-1.63	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	9.05e-03	0.0	110.0	-1.63	-1.96	0.0	0.0	0.0	0.0
1569	5	53.79	0.0	0.01	-3.91	0.0	-1.63	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	9.05e-03	0.0	110.0	-1.63	-1.96	0.0	0.0	0.0	0.0
1570	1	46.81	0.0	-0.02	-4.16	0.0	-0.91	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-3.58e-03	0.0	90.0	-0.91	-2.08	0.0	0.0	0.0	0.0
1570	2	36.01	0.0	-0.02	-3.20	0.0	-0.73	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.90e-03	0.0	90.0	-0.73	-1.60	0.0	0.0	0.0	0.0
1570	3	36.01	0.0	-0.02	-3.20	0.0	-0.68	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.71e-03	0.0	90.0	-0.68	-1.60	0.0	0.0	0.0	0.0
1570	4	36.01	0.0	-0.01	-3.20	0.0	-0.58	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.32e-03	0.0	90.0	-0.58	-1.60	0.0	0.0	0.0	0.0
1570	5	36.01	0.0	-0.01	-3.20	0.0	-0.58	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.32e-03	0.0	90.0	-0.58	-1.60	0.0	0.0	0.0	0.0
1571	1	46.81	0.0	-0.01	-4.16	0.0	-1.44	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-3.56e-03	0.0	90.0	-1.44	-2.08	0.0	0.0	0.0	0.0
1571	2	36.01	0.0	-9.99e-03	-3.20	0.0	-1.16	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.87e-03	0.0	90.0	-1.16	-1.60	0.0	0.0	0.0	0.0
1571	3	36.01	0.0	-9.26e-03	-3.20	0.0	-1.08	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.70e-03	0.0	90.0	-1.08	-1.60	0.0	0.0	0.0	0.0
1571	4	36.01	0.0	-7.81e-03	-3.20	0.0	-0.91	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.32e-03	0.0	90.0	-0.91	-1.60	0.0	0.0	0.0	0.0
1571	5	36.01	0.0	-7.81e-03	-3.20	0.0	-0.91	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.32e-03	0.0	90.0	-0.91	-1.60	0.0	0.0	0.0	0.0
1572	1	46.81	0.0	-3.81e-03	-4.16	0.0	-1.41	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.45e-03	0.0	90.0	-1.41	-2.08	0.0	0.0	0.0	0.0

1572	2	36.01	0.0	-3.05e-03	-3.20	0.0	-1.14	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.97e-03	0.0	90.0	-1.14	-1.60	0.0	0.0	0.0	0.0
1572	3	36.01	0.0	-2.87e-03	-3.20	0.0	-1.06	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.81e-03	0.0	90.0	-1.06	-1.60	0.0	0.0	0.0	0.0
1572	4	36.01	0.0	-2.52e-03	-3.20	0.0	-0.90	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.55e-03	0.0	90.0	-0.90	-1.60	0.0	0.0	0.0	0.0
1572	5	36.01	0.0	-2.52e-03	-3.20	0.0	-0.90	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.55e-03	0.0	90.0	-0.90	-1.60	0.0	0.0	0.0	0.0
1573	1	46.81	0.0	-2.78e-03	-4.16	0.0	-1.02	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.91e-03	0.0	90.0	-1.02	-2.08	0.0	0.0	0.0	0.0
1573	2	36.01	0.0	-2.19e-03	-3.20	0.0	-0.82	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.35e-03	0.0	90.0	-0.82	-1.60	0.0	0.0	0.0	0.0
1573	3	36.01	0.0	-2.11e-03	-3.20	0.0	-0.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.20e-03	0.0	90.0	-0.77	-1.60	0.0	0.0	0.0	0.0
1573	4	36.01	0.0	-1.96e-03	-3.20	0.0	-0.65	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.88e-03	0.0	90.0	-0.65	-1.60	0.0	0.0	0.0	0.0
1573	5	36.01	0.0	-1.96e-03	-3.20	0.0	-0.65	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.88e-03	0.0	90.0	-0.65	-1.60	0.0	0.0	0.0	0.0
1574	1	46.81	0.0	-2.99e-03	-4.16	0.0	-0.52	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-3.28e-03	0.0	90.0	-0.52	-2.08	0.0	0.0	0.0	0.0
1574	2	36.01	0.0	-2.35e-03	-3.20	0.0	-0.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.67e-03	0.0	90.0	-0.42	-1.60	0.0	0.0	0.0	0.0
1574	3	36.01	0.0	-2.27e-03	-3.20	0.0	-0.39	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.50e-03	0.0	90.0	-0.39	-1.60	0.0	0.0	0.0	0.0
1574	4	36.01	0.0	-2.13e-03	-3.20	0.0	-0.34	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.14e-03	0.0	90.0	-0.34	-1.60	0.0	0.0	0.0	0.0
1574	5	36.01	0.0	-2.13e-03	-3.20	0.0	-0.34	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.14e-03	0.0	90.0	-0.34	-1.60	0.0	0.0	0.0	0.0
1575	1	46.81	0.0	-1.83e-03	-4.16	0.0	-0.03	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.85e-03	0.0	90.0	-0.03	-2.08	0.0	0.0	0.0	0.0
1575	2	36.01	0.0	-1.42e-03	-3.20	0.0	-0.02	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.30e-03	0.0	90.0	-0.02	-1.60	0.0	0.0	0.0	0.0
1575	3	36.01	0.0	-1.41e-03	-3.20	0.0	-0.03	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.14e-03	0.0	90.0	-0.03	-1.60	0.0	0.0	0.0	0.0
1575	4	36.01	0.0	-1.39e-03	-3.20	0.0	-0.03	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.84e-03	0.0	90.0	-0.03	-1.60	0.0	0.0	0.0	0.0
1575	5	36.01	0.0	-1.39e-03	-3.20	0.0	-0.03	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.84e-03	0.0	90.0	-0.03	-1.60	0.0	0.0	0.0	0.0
1576	1	46.81	0.0	1.37e-03	-4.16	0.0	0.35	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.06e-03	0.0	90.0	0.35	-2.08	0.0	0.0	0.0	0.0
1576	2	36.01	0.0	1.09e-03	-3.20	0.0	0.29	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.43e-04	0.0	90.0	0.29	-1.60	0.0	0.0	0.0	0.0
1576	3	36.01	0.0	1.04e-03	-3.20	0.0	0.26	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.86e-04	0.0	90.0	0.26	-1.60	0.0	0.0	0.0	0.0
1576	4	36.01	0.0	9.29e-04	-3.20	0.0	0.21	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.92e-04	0.0	90.0	0.21	-1.60	0.0	0.0	0.0	0.0
1576	5	36.01	0.0	9.29e-04	-3.20	0.0	0.21	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.92e-04	0.0	90.0	0.21	-1.60	0.0	0.0	0.0	0.0
1577	1	46.81	0.0	-3.00e-03	-4.16	0.0	0.48	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.08e-03	0.0	90.0	0.48	-2.08	0.0	0.0	0.0	0.0
1577	2	36.01	0.0	-2.37e-03	-3.20	0.0	0.40	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.68e-04	0.0	90.0	0.40	-1.60	0.0	0.0	0.0	0.0
1577	3	36.01	0.0	-2.28e-03	-3.20	0.0	0.36	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.11e-04	0.0	90.0	0.36	-1.60	0.0	0.0	0.0	0.0
1577	4	36.01	0.0	-2.12e-03	-3.20	0.0	0.29	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.88e-04	0.0	90.0	0.29	-1.60	0.0	0.0	0.0	0.0
1577	5	36.01	0.0	-2.12e-03	-3.20	0.0	0.29	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.88e-04	0.0	90.0	0.29	-1.60	0.0	0.0	0.0	0.0
1578	1	46.81	0.0	-7.26e-03	-4.16	0.0	0.22	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.10e-03	0.0	90.0	0.22	-2.08	0.0	0.0	0.0	0.0
1578	2	36.01	0.0	-5.85e-03	-3.20	0.0	0.18	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.81e-04	0.0	90.0	0.18	-1.60	0.0	0.0	0.0	0.0
1578	3	36.01	0.0	-5.47e-03	-3.20	0.0	0.16	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.35e-04	0.0	90.0	0.16	-1.60	0.0	0.0	0.0	0.0
1578	4	36.01	0.0	-4.72e-03	-3.20	0.0	0.12	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.49e-04	0.0	90.0	0.12	-1.60	0.0	0.0	0.0	0.0
1578	5	36.01	0.0	-4.72e-03	-3.20	0.0	0.12	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.49e-04	0.0	90.0	0.12	-1.60	0.0	0.0	0.0	0.0
1579	1	46.81	0.0	-0.01	-4.16	0.0	-0.37	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	9.78e-05	0.0	90.0	-0.37	-2.08	0.0	0.0	0.0	0.0
1579	2	36.01	0.0	-9.38e-03	-3.20	0.0	-0.29	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	7.72e-05	0.0	90.0	-0.29	-1.60	0.0	0.0	0.0	0.0
1579	3	36.01	0.0	-8.75e-03	-3.20	0.0	-0.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	9.05e-05	0.0	90.0	-0.28	-1.60	0.0	0.0	0.0	0.0
1579	4	36.01	0.0	-7.50e-03	-3.20	0.0	-0.26	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	8.86e-05	0.0	90.0	-0.26	-1.60	0.0	0.0	0.0	0.0
1579	5	36.01	0.0	-7.50e-03	-3.20	0.0	-0.26	1.60	0.0	0.0	0.0	0.0

		0.0	0.0	8.86e-05	0.0	90.0	-0.26	-1.60	0.0	0.0	0.0	0.0
1580	1	46.81	0.0	-0.02	-4.16	0.0	-1.03	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	1.69e-03	0.0	90.0	-1.03	-2.08	0.0	0.0	0.0	0.0
1580	2	36.01	0.0	-0.01	-3.20	0.0	-0.82	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	1.36e-03	0.0	90.0	-0.82	-1.60	0.0	0.0	0.0	0.0
1580	3	36.01	0.0	-0.01	-3.20	0.0	-0.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	1.26e-03	0.0	90.0	-0.77	-1.60	0.0	0.0	0.0	0.0
1580	4	36.01	0.0	-9.69e-03	-3.20	0.0	-0.68	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	1.10e-03	0.0	90.0	-0.68	-1.60	0.0	0.0	0.0	0.0
1580	5	36.01	0.0	-9.69e-03	-3.20	0.0	-0.68	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	1.10e-03	0.0	90.0	-0.68	-1.60	0.0	0.0	0.0	0.0
1581	1	46.81	0.0	6.08e-03	-4.16	0.0	-1.34	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.02e-03	0.0	90.0	-1.34	-2.08	0.0	0.0	0.0	0.0
1581	2	36.01	0.0	4.91e-03	-3.20	0.0	-1.07	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.63e-03	0.0	90.0	-1.07	-1.60	0.0	0.0	0.0	0.0
1581	3	36.01	0.0	4.57e-03	-3.20	0.0	-1.01	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.52e-03	0.0	90.0	-1.01	-1.60	0.0	0.0	0.0	0.0
1581	4	36.01	0.0	3.90e-03	-3.20	0.0	-0.87	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.31e-03	0.0	90.0	-0.87	-1.60	0.0	0.0	0.0	0.0
1581	5	36.01	0.0	3.90e-03	-3.20	0.0	-0.87	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.31e-03	0.0	90.0	-0.87	-1.60	0.0	0.0	0.0	0.0
1582	1	46.81	0.0	0.02	-4.16	0.0	-1.18	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-6.17e-03	0.0	90.0	-1.18	-2.08	0.0	0.0	0.0	0.0
1582	2	36.01	0.0	0.01	-3.20	0.0	-0.95	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.97e-03	0.0	90.0	-0.95	-1.60	0.0	0.0	0.0	0.0
1582	3	36.01	0.0	0.01	-3.20	0.0	-0.88	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.65e-03	0.0	90.0	-0.88	-1.60	0.0	0.0	0.0	0.0
1582	4	36.01	0.0	0.01	-3.20	0.0	-0.76	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.01e-03	0.0	90.0	-0.76	-1.60	0.0	0.0	0.0	0.0
1582	5	36.01	0.0	0.01	-3.20	0.0	-0.76	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.01e-03	0.0	90.0	-0.76	-1.60	0.0	0.0	0.0	0.0
1583	1	46.81	0.0	4.29e-03	-4.16	0.0	-0.90	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-5.71e-03	0.0	90.0	-0.90	-2.08	0.0	0.0	0.0	0.0
1583	2	36.01	0.0	3.50e-03	-3.20	0.0	-0.72	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.59e-03	0.0	90.0	-0.72	-1.60	0.0	0.0	0.0	0.0
1583	3	36.01	0.0	3.21e-03	-3.20	0.0	-0.67	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.32e-03	0.0	90.0	-0.67	-1.60	0.0	0.0	0.0	0.0
1583	4	36.01	0.0	2.63e-03	-3.20	0.0	-0.57	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.73e-03	0.0	90.0	-0.57	-1.60	0.0	0.0	0.0	0.0
1583	5	36.01	0.0	2.63e-03	-3.20	0.0	-0.57	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.73e-03	0.0	90.0	-0.57	-1.60	0.0	0.0	0.0	0.0
1584	1	46.81	0.0	-2.23e-03	-4.16	0.0	-0.73	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-5.41e-03	0.0	90.0	-0.73	-2.08	0.0	0.0	0.0	0.0
1584	2	36.01	0.0	-1.70e-03	-3.20	0.0	-0.59	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.36e-03	0.0	90.0	-0.59	-1.60	0.0	0.0	0.0	0.0
1584	3	36.01	0.0	-1.72e-03	-3.20	0.0	-0.55	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.06e-03	0.0	90.0	-0.55	-1.60	0.0	0.0	0.0	0.0
1584	4	36.01	0.0	-1.76e-03	-3.20	0.0	-0.46	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.50e-03	0.0	90.0	-0.46	-1.60	0.0	0.0	0.0	0.0
1584	5	36.01	0.0	-1.76e-03	-3.20	0.0	-0.46	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.50e-03	0.0	90.0	-0.46	-1.60	0.0	0.0	0.0	0.0
1585	1	46.81	0.0	3.25e-03	-4.16	0.0	-0.47	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-5.30e-03	0.0	90.0	-0.47	-2.08	0.0	0.0	0.0	0.0
1585	2	36.01	0.0	2.71e-03	-3.20	0.0	-0.38	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.26e-03	0.0	90.0	-0.38	-1.60	0.0	0.0	0.0	0.0
1585	3	36.01	0.0	2.40e-03	-3.20	0.0	-0.35	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.01e-03	0.0	90.0	-0.35	-1.60	0.0	0.0	0.0	0.0
1585	4	36.01	0.0	1.79e-03	-3.20	0.0	-0.30	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.45e-03	0.0	90.0	-0.30	-1.60	0.0	0.0	0.0	0.0
1585	5	36.01	0.0	1.79e-03	-3.20	0.0	-0.30	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.45e-03	0.0	90.0	-0.30	-1.60	0.0	0.0	0.0	0.0
1586	1	46.81	0.0	-0.03	-4.16	0.0	-5.70	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-3.57e-03	0.0	90.0	-5.70	-2.08	0.0	0.0	0.0	0.0
1586	2	36.01	0.0	-0.02	-3.20	0.0	-4.62	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.88e-03	0.0	90.0	-4.62	-1.60	0.0	0.0	0.0	0.0
1586	3	36.01	0.0	-0.02	-3.20	0.0	-4.27	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.70e-03	0.0	90.0	-4.27	-1.60	0.0	0.0	0.0	0.0
1586	4	36.01	0.0	-0.02	-3.20	0.0	-3.60	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.31e-03	0.0	90.0	-3.60	-1.60	0.0	0.0	0.0	0.0
1586	5	36.01	0.0	-0.02	-3.20	0.0	-3.60	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.31e-03	0.0	90.0	-3.60	-1.60	0.0	0.0	0.0	0.0
1587	1	46.81	0.0	-0.02	-4.16	0.0	94.47	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-3.56e-03	0.0	90.0	94.47	-2.08	0.0	0.0	0.0	0.0
1587	2	36.01	0.0	-0.01	-3.20	0.0	76.23	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.88e-03	0.0	90.0	76.23	-1.60	0.0	0.0	0.0	0.0
1587	3	36.01	0.0	-0.01	-3.20	0.0	70.82	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.71e-03	0.0	90.0	70.82	-1.60	0.0	0.0	0.0	0.0

1587	4	36.01	0.0	-0.01	-3.20	0.0	60.52	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.32e-03	0.0	90.0	60.52	-1.60	0.0	0.0	0.0	0.0
1587	5	36.01	0.0	-0.01	-3.20	0.0	60.52	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.32e-03	0.0	90.0	60.52	-1.60	0.0	0.0	0.0	0.0
1588	1	46.81	0.0	-6.26e-03	-4.16	0.0	105.91	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.47e-03	0.0	90.0	105.91	-2.08	0.0	0.0	0.0	0.0
1588	2	36.01	0.0	-5.14e-03	-3.20	0.0	85.81	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.99e-03	0.0	90.0	85.81	-1.60	0.0	0.0	0.0	0.0
1588	3	36.01	0.0	-4.68e-03	-3.20	0.0	79.44	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.83e-03	0.0	90.0	79.44	-1.60	0.0	0.0	0.0	0.0
1588	4	36.01	0.0	-3.76e-03	-3.20	0.0	66.92	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.57e-03	0.0	90.0	66.92	-1.60	0.0	0.0	0.0	0.0
1588	5	36.01	0.0	-3.76e-03	-3.20	0.0	66.92	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.57e-03	0.0	90.0	66.92	-1.60	0.0	0.0	0.0	0.0
1589	1	46.81	0.0	-3.85e-03	-4.16	0.0	102.35	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.91e-03	0.0	90.0	102.35	-2.08	0.0	0.0	0.0	0.0
1589	2	36.01	0.0	-3.08e-03	-3.20	0.0	82.96	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.35e-03	0.0	90.0	82.96	-1.60	0.0	0.0	0.0	0.0
1589	3	36.01	0.0	-2.91e-03	-3.20	0.0	76.85	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.20e-03	0.0	90.0	76.85	-1.60	0.0	0.0	0.0	0.0
1589	4	36.01	0.0	-2.60e-03	-3.20	0.0	64.68	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.88e-03	0.0	90.0	64.68	-1.60	0.0	0.0	0.0	0.0
1589	5	36.01	0.0	-2.60e-03	-3.20	0.0	64.68	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.88e-03	0.0	90.0	64.68	-1.60	0.0	0.0	0.0	0.0
1590	1	46.81	0.0	-3.42e-03	-4.16	0.0	99.35	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-3.26e-03	0.0	90.0	99.35	-2.08	0.0	0.0	0.0	0.0
1590	2	36.01	0.0	-2.68e-03	-3.20	0.0	80.72	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.65e-03	0.0	90.0	80.72	-1.60	0.0	0.0	0.0	0.0
1590	3	36.01	0.0	-2.60e-03	-3.20	0.0	74.83	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.48e-03	0.0	90.0	74.83	-1.60	0.0	0.0	0.0	0.0
1590	4	36.01	0.0	-2.45e-03	-3.20	0.0	62.99	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.12e-03	0.0	90.0	62.99	-1.60	0.0	0.0	0.0	0.0
1590	5	36.01	0.0	-2.45e-03	-3.20	0.0	62.99	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.12e-03	0.0	90.0	62.99	-1.60	0.0	0.0	0.0	0.0
1591	1	46.81	0.0	-3.18e-03	-4.16	0.0	86.87	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.86e-03	0.0	90.0	86.87	-2.08	0.0	0.0	0.0	0.0
1591	2	36.01	0.0	-2.52e-03	-3.20	0.0	70.12	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.30e-03	0.0	90.0	70.12	-1.60	0.0	0.0	0.0	0.0
1591	3	36.01	0.0	-2.42e-03	-3.20	0.0	64.94	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.14e-03	0.0	90.0	64.94	-1.60	0.0	0.0	0.0	0.0
1591	4	36.01	0.0	-2.22e-03	-3.20	0.0	54.68	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.84e-03	0.0	90.0	54.68	-1.60	0.0	0.0	0.0	0.0
1591	5	36.01	0.0	-2.22e-03	-3.20	0.0	54.68	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.84e-03	0.0	90.0	54.68	-1.60	0.0	0.0	0.0	0.0
1592	1	46.81	0.0	3.09e-03	-4.16	0.0	84.57	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.08e-03	0.0	90.0	84.57	-2.08	0.0	0.0	0.0	0.0
1592	2	36.01	0.0	2.46e-03	-3.20	0.0	68.62	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.65e-04	0.0	90.0	68.62	-1.60	0.0	0.0	0.0	0.0
1592	3	36.01	0.0	2.35e-03	-3.20	0.0	63.27	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.06e-04	0.0	90.0	63.27	-1.60	0.0	0.0	0.0	0.0
1592	4	36.01	0.0	2.11e-03	-3.20	0.0	52.31	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.09e-04	0.0	90.0	52.31	-1.60	0.0	0.0	0.0	0.0
1592	5	36.01	0.0	2.11e-03	-3.20	0.0	52.31	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.09e-04	0.0	90.0	52.31	-1.60	0.0	0.0	0.0	0.0
1593	1	46.81	0.0	-2.56e-03	-4.16	0.0	84.43	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.08e-03	0.0	90.0	84.43	-2.08	0.0	0.0	0.0	0.0
1593	2	36.01	0.0	-2.01e-03	-3.20	0.0	68.51	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.68e-04	0.0	90.0	68.51	-1.60	0.0	0.0	0.0	0.0
1593	3	36.01	0.0	-1.95e-03	-3.20	0.0	63.16	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.12e-04	0.0	90.0	63.16	-1.60	0.0	0.0	0.0	0.0
1593	4	36.01	0.0	-1.83e-03	-3.20	0.0	52.26	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.89e-04	0.0	90.0	52.26	-1.60	0.0	0.0	0.0	0.0
1593	5	36.01	0.0	-1.83e-03	-3.20	0.0	52.26	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.89e-04	0.0	90.0	52.26	-1.60	0.0	0.0	0.0	0.0
1594	1	46.81	0.0	-6.62e-03	-4.16	0.0	84.23	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.07e-03	0.0	90.0	84.23	-2.08	0.0	0.0	0.0	0.0
1594	2	36.01	0.0	-5.30e-03	-3.20	0.0	68.34	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.57e-04	0.0	90.0	68.34	-1.60	0.0	0.0	0.0	0.0
1594	3	36.01	0.0	-4.99e-03	-3.20	0.0	63.01	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.12e-04	0.0	90.0	63.01	-1.60	0.0	0.0	0.0	0.0
1594	4	36.01	0.0	-4.37e-03	-3.20	0.0	52.14	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.30e-04	0.0	90.0	52.14	-1.60	0.0	0.0	0.0	0.0
1594	5	36.01	0.0	-4.37e-03	-3.20	0.0	52.14	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.30e-04	0.0	90.0	52.14	-1.60	0.0	0.0	0.0	0.0
1595	1	46.81	0.0	-9.60e-03	-4.16	0.0	91.55	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	1.01e-04	0.0	90.0	91.55	-2.08	0.0	0.0	0.0	0.0
1595	2	36.01	0.0	-7.75e-03	-3.20	0.0	74.14	1.60	0.0	0.0	0.0	0.0

		0.0	0.0	7.95e-05	0.0	90.0	74.14	-1.60	0.0	0.0	0.0	0.0
1595	3	36.01	0.0	-7.23e-03	-3.20	0.0	68.64	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	9.27e-05	0.0	90.0	68.64	-1.60	0.0	0.0	0.0	0.0
1595	4	36.01	0.0	-6.19e-03	-3.20	0.0	57.71	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	9.04e-05	0.0	90.0	57.71	-1.60	0.0	0.0	0.0	0.0
1595	5	36.01	0.0	-6.19e-03	-3.20	0.0	57.71	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	9.04e-05	0.0	90.0	57.71	-1.60	0.0	0.0	0.0	0.0
1596	1	46.81	0.0	-0.01	-4.16	0.0	101.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	1.67e-03	0.0	90.0	101.85	-2.08	0.0	0.0	0.0	0.0
1596	2	36.01	0.0	-8.59e-03	-3.20	0.0	82.48	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	1.34e-03	0.0	90.0	82.48	-1.60	0.0	0.0	0.0	0.0
1596	3	36.01	0.0	-7.96e-03	-3.20	0.0	76.44	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	1.25e-03	0.0	90.0	76.44	-1.60	0.0	0.0	0.0	0.0
1596	4	36.01	0.0	-6.70e-03	-3.20	0.0	64.55	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	1.09e-03	0.0	90.0	64.55	-1.60	0.0	0.0	0.0	0.0
1596	5	36.01	0.0	-6.70e-03	-3.20	0.0	64.55	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	1.09e-03	0.0	90.0	64.55	-1.60	0.0	0.0	0.0	0.0
1597	1	46.81	0.0	6.17e-03	-4.16	0.0	73.76	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.02e-03	0.0	90.0	73.76	-2.08	0.0	0.0	0.0	0.0
1597	2	36.01	0.0	4.98e-03	-3.20	0.0	59.87	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.63e-03	0.0	90.0	59.87	-1.60	0.0	0.0	0.0	0.0
1597	3	36.01	0.0	4.64e-03	-3.20	0.0	55.26	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.52e-03	0.0	90.0	55.26	-1.60	0.0	0.0	0.0	0.0
1597	4	36.01	0.0	3.97e-03	-3.20	0.0	46.39	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.31e-03	0.0	90.0	46.39	-1.60	0.0	0.0	0.0	0.0
1597	5	36.01	0.0	3.97e-03	-3.20	0.0	46.39	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.31e-03	0.0	90.0	46.39	-1.60	0.0	0.0	0.0	0.0
1598	1	46.81	0.0	0.01	-4.16	0.0	47.00	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-6.18e-03	0.0	90.0	47.00	-2.08	0.0	0.0	0.0	0.0
1598	2	36.01	0.0	8.87e-03	-3.20	0.0	38.25	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.98e-03	0.0	90.0	38.25	-1.60	0.0	0.0	0.0	0.0
1598	3	36.01	0.0	8.23e-03	-3.20	0.0	35.03	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.66e-03	0.0	90.0	35.03	-1.60	0.0	0.0	0.0	0.0
1598	4	36.01	0.0	6.97e-03	-3.20	0.0	29.02	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.02e-03	0.0	90.0	29.02	-1.60	0.0	0.0	0.0	0.0
1598	5	36.01	0.0	6.97e-03	-3.20	0.0	29.02	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.02e-03	0.0	90.0	29.02	-1.60	0.0	0.0	0.0	0.0
1599	1	46.81	0.0	6.02e-03	-4.16	0.0	26.01	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-5.68e-03	0.0	90.0	26.01	-2.08	0.0	0.0	0.0	0.0
1599	2	36.01	0.0	4.96e-03	-3.20	0.0	21.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.57e-03	0.0	90.0	21.42	-1.60	0.0	0.0	0.0	0.0
1599	3	36.01	0.0	4.50e-03	-3.20	0.0	19.67	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.30e-03	0.0	90.0	19.67	-1.60	0.0	0.0	0.0	0.0
1599	4	36.01	0.0	3.55e-03	-3.20	0.0	16.02	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.71e-03	0.0	90.0	16.02	-1.60	0.0	0.0	0.0	0.0
1599	5	36.01	0.0	3.55e-03	-3.20	0.0	16.02	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.71e-03	0.0	90.0	16.02	-1.60	0.0	0.0	0.0	0.0
1600	1	46.81	0.0	1.18e-03	-4.16	0.0	-4.42	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-5.41e-03	0.0	90.0	-4.42	-2.08	0.0	0.0	0.0	0.0
1600	2	36.01	0.0	1.02e-03	-3.20	0.0	-3.58	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.36e-03	0.0	90.0	-3.58	-1.60	0.0	0.0	0.0	0.0
1600	3	36.01	0.0	-8.53e-04	-3.20	0.0	-3.30	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.06e-03	0.0	90.0	-3.30	-1.60	0.0	0.0	0.0	0.0
1600	4	36.01	0.0	-1.00e-03	-3.20	0.0	-2.76	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.50e-03	0.0	90.0	-2.76	-1.60	0.0	0.0	0.0	0.0
1600	5	36.01	0.0	-1.00e-03	-3.20	0.0	-2.76	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.50e-03	0.0	90.0	-2.76	-1.60	0.0	0.0	0.0	0.0
1601	1	46.81	0.0	0.01	-4.16	0.0	-2.37	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-5.31e-03	0.0	90.0	-2.37	-2.08	0.0	0.0	0.0	0.0
1601	2	36.01	0.0	0.01	-3.20	0.0	-1.92	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.28e-03	0.0	90.0	-1.92	-1.60	0.0	0.0	0.0	0.0
1601	3	36.01	0.0	0.01	-3.20	0.0	-1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.02e-03	0.0	90.0	-1.77	-1.60	0.0	0.0	0.0	0.0
1601	4	36.01	0.0	9.37e-03	-3.20	0.0	-1.48	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.46e-03	0.0	90.0	-1.48	-1.60	0.0	0.0	0.0	0.0
1601	5	36.01	0.0	9.37e-03	-3.20	0.0	-1.48	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.46e-03	0.0	90.0	-1.48	-1.60	0.0	0.0	0.0	0.0
1605	1	69.92	0.0	0.02	-5.09	0.0	-0.45	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.05	0.0	110.0	-0.45	-2.54	0.0	0.0	0.0	0.0
1605	2	53.79	0.0	0.02	-3.91	0.0	-0.36	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.04	0.0	110.0	-0.36	-1.96	0.0	0.0	0.0	0.0
1605	3	53.79	0.0	0.02	-3.91	0.0	-0.34	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.04	0.0	110.0	-0.34	-1.96	0.0	0.0	0.0	0.0
1605	4	53.79	0.0	0.01	-3.91	0.0	-0.30	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.03	0.0	110.0	-0.30	-1.96	0.0	0.0	0.0	0.0
1605	5	53.79	0.0	0.01	-3.91	0.0	-0.30	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.03	0.0	110.0	-0.30	-1.96	0.0	0.0	0.0	0.0

1606	1	46.81	0.0	-1.49e-03	-4.16	0.0	-33.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-3.44e-03	0.0	90.0	-33.85	-2.08	0.0	0.0	0.0	0.0
1606	2	36.01	0.0	-1.14e-03	-3.20	0.0	-27.49	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.77e-03	0.0	90.0	-27.49	-1.60	0.0	0.0	0.0	0.0
1606	3	36.01	0.0	-1.15e-03	-3.20	0.0	-25.54	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.58e-03	0.0	90.0	-25.54	-1.60	0.0	0.0	0.0	0.0
1606	4	36.01	0.0	-1.17e-03	-3.20	0.0	-21.69	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.21e-03	0.0	90.0	-21.69	-1.60	0.0	0.0	0.0	0.0
1606	5	36.01	0.0	-1.17e-03	-3.20	0.0	-21.69	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.21e-03	0.0	90.0	-21.69	-1.60	0.0	0.0	0.0	0.0
1607	1	46.81	0.0	2.22e-03	-4.16	0.0	-32.19	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-3.83e-03	0.0	90.0	-32.19	-2.08	0.0	0.0	0.0	0.0
1607	2	36.01	0.0	1.79e-03	-3.20	0.0	-26.16	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.09e-03	0.0	90.0	-26.16	-1.60	0.0	0.0	0.0	0.0
1607	3	36.01	0.0	1.68e-03	-3.20	0.0	-24.31	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.87e-03	0.0	90.0	-24.31	-1.60	0.0	0.0	0.0	0.0
1607	4	36.01	0.0	1.47e-03	-3.20	0.0	-20.56	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.47e-03	0.0	90.0	-20.56	-1.60	0.0	0.0	0.0	0.0
1607	5	36.01	0.0	1.47e-03	-3.20	0.0	-20.56	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.47e-03	0.0	90.0	-20.56	-1.60	0.0	0.0	0.0	0.0
1608	1	46.81	0.0	-1.19e-03	-4.16	0.0	-29.18	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.52e-03	0.0	90.0	-29.18	-2.08	0.0	0.0	0.0	0.0
1608	2	36.01	0.0	-9.01e-04	-3.20	0.0	-23.79	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.22e-03	0.0	90.0	-23.79	-1.60	0.0	0.0	0.0	0.0
1608	3	36.01	0.0	-9.23e-04	-3.20	0.0	-22.03	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.14e-03	0.0	90.0	-22.03	-1.60	0.0	0.0	0.0	0.0
1608	4	36.01	0.0	-9.62e-04	-3.20	0.0	-18.22	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.69e-04	0.0	90.0	-18.22	-1.60	0.0	0.0	0.0	0.0
1608	5	36.01	0.0	-9.62e-04	-3.20	0.0	-18.22	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.69e-04	0.0	90.0	-18.22	-1.60	0.0	0.0	0.0	0.0
1609	1	46.81	0.0	-2.18e-03	-4.16	0.0	-25.95	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	8.77e-04	0.0	90.0	-25.95	-2.08	0.0	0.0	0.0	0.0
1609	2	36.01	0.0	-1.70e-03	-3.20	0.0	-21.23	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	7.18e-04	0.0	90.0	-21.23	-1.60	0.0	0.0	0.0	0.0
1609	3	36.01	0.0	-1.67e-03	-3.20	0.0	-19.63	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	6.56e-04	0.0	90.0	-19.63	-1.60	0.0	0.0	0.0	0.0
1609	4	36.01	0.0	-1.61e-03	-3.20	0.0	-16.21	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	5.05e-04	0.0	90.0	-16.21	-1.60	0.0	0.0	0.0	0.0
1609	5	36.01	0.0	-1.61e-03	-3.20	0.0	-16.21	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	5.05e-04	0.0	90.0	-16.21	-1.60	0.0	0.0	0.0	0.0
1610	1	46.81	0.0	-1.86e-03	-4.16	0.0	-22.51	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.89e-03	0.0	90.0	-22.51	-2.08	0.0	0.0	0.0	0.0
1610	2	36.01	0.0	-1.45e-03	-3.20	0.0	-18.46	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.53e-03	0.0	90.0	-18.46	-1.60	0.0	0.0	0.0	0.0
1610	3	36.01	0.0	-1.43e-03	-3.20	0.0	-17.07	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.43e-03	0.0	90.0	-17.07	-1.60	0.0	0.0	0.0	0.0
1610	4	36.01	0.0	-1.40e-03	-3.20	0.0	-13.96	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.22e-03	0.0	90.0	-13.96	-1.60	0.0	0.0	0.0	0.0
1610	5	36.01	0.0	-1.40e-03	-3.20	0.0	-13.96	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.22e-03	0.0	90.0	-13.96	-1.60	0.0	0.0	0.0	0.0
1611	1	69.92	0.0	-0.03	-5.09	0.0	-33.17	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	-33.17	-2.54	0.0	0.0	0.0	0.0
1611	2	53.79	0.0	-0.02	-3.91	0.0	-26.70	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	-26.70	-1.96	0.0	0.0	0.0	0.0
1611	3	53.79	0.0	-0.02	-3.91	0.0	-25.00	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-25.00	-1.96	0.0	0.0	0.0	0.0
1611	4	53.79	0.0	-0.02	-3.91	0.0	-21.59	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-21.59	-1.96	0.0	0.0	0.0	0.0
1611	5	53.79	0.0	-0.02	-3.91	0.0	-21.59	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-21.59	-1.96	0.0	0.0	0.0	0.0
1615	1	69.92	0.0	0.03	-5.09	0.0	-25.05	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.05	0.0	110.0	-25.05	-2.54	0.0	0.0	0.0	0.0
1615	2	53.79	0.0	0.03	-3.91	0.0	-20.16	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.04	0.0	110.0	-20.16	-1.96	0.0	0.0	0.0	0.0
1615	3	53.79	0.0	0.03	-3.91	0.0	-18.87	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.04	0.0	110.0	-18.87	-1.96	0.0	0.0	0.0	0.0
1615	4	53.79	0.0	0.02	-3.91	0.0	-16.29	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.04	0.0	110.0	-16.29	-1.96	0.0	0.0	0.0	0.0
1615	5	53.79	0.0	0.02	-3.91	0.0	-16.29	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.04	0.0	110.0	-16.29	-1.96	0.0	0.0	0.0	0.0
1616	1	69.92	0.0	-0.01	-5.09	0.0	-0.33	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	-0.33	-2.54	0.0	0.0	0.0	0.0
1616	2	53.79	0.0	-0.01	-3.91	0.0	-0.26	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	-0.26	-1.96	0.0	0.0	0.0	0.0
1616	3	53.79	0.0	-9.83e-03	-3.91	0.0	-0.25	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	-0.25	-1.96	0.0	0.0	0.0	0.0
1616	4	53.79	0.0	-8.50e-03	-3.91	0.0	-0.22	1.96	0.0	0.0	0.0	0.0



		0.0	0.0	-0.01	0.0	110.0	-0.22	-1.96	0.0	0.0	0.0	0.0
1616	5	53.79	0.0	-8.50e-03	-3.91	0.0	-0.22	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-0.22	-1.96	0.0	0.0	0.0	0.0
1620	1	69.92	0.0	-0.03	-5.09	0.0	-148.01	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.06	0.0	110.0	-148.01	-2.54	0.0	0.0	0.0	0.0
1620	2	53.79	0.0	-0.02	-3.91	0.0	-118.84	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.05	0.0	110.0	-118.84	-1.96	0.0	0.0	0.0	0.0
1620	3	53.79	0.0	-0.02	-3.91	0.0	-111.69	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.04	0.0	110.0	-111.69	-1.96	0.0	0.0	0.0	0.0
1620	4	53.79	0.0	-0.02	-3.91	0.0	-97.23	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.04	0.0	110.0	-97.23	-1.96	0.0	0.0	0.0	0.0
1620	5	53.79	0.0	-0.02	-3.91	0.0	-97.23	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.04	0.0	110.0	-97.23	-1.96	0.0	0.0	0.0	0.0
1621	1	46.81	0.0	-0.01	-4.16	0.0	3.77e-03	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.49e-03	0.0	90.0	3.77e-03	-2.08	0.0	0.0	0.0	0.0
1621	2	36.01	0.0	-8.10e-03	-3.20	0.0	1.43e-03	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.01e-03	0.0	90.0	1.43e-03	-1.60	0.0	0.0	0.0	0.0
1621	3	36.01	0.0	-7.56e-03	-3.20	0.0	2.52e-03	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.88e-03	0.0	90.0	2.52e-03	-1.60	0.0	0.0	0.0	0.0
1621	4	36.01	0.0	-6.49e-03	-3.20	0.0	5.74e-03	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.63e-03	0.0	90.0	5.74e-03	-1.60	0.0	0.0	0.0	0.0
1621	5	36.01	0.0	-6.49e-03	-3.20	0.0	5.74e-03	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.63e-03	0.0	90.0	5.74e-03	-1.60	0.0	0.0	0.0	0.0
1622	1	46.81	0.0	-5.64e-03	-4.16	0.0	0.04	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.70e-03	0.0	90.0	0.04	-2.08	0.0	0.0	0.0	0.0
1622	2	36.01	0.0	-4.56e-03	-3.20	0.0	0.03	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.17e-03	0.0	90.0	0.03	-1.60	0.0	0.0	0.0	0.0
1622	3	36.01	0.0	-4.24e-03	-3.20	0.0	0.03	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.03e-03	0.0	90.0	0.03	-1.60	0.0	0.0	0.0	0.0
1622	4	36.01	0.0	-3.61e-03	-3.20	0.0	0.04	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.75e-03	0.0	90.0	0.04	-1.60	0.0	0.0	0.0	0.0
1622	5	36.01	0.0	-3.61e-03	-3.20	0.0	0.04	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.75e-03	0.0	90.0	0.04	-1.60	0.0	0.0	0.0	0.0
1623	1	46.81	0.0	-1.98e-03	-4.16	0.0	0.10	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.50e-03	0.0	90.0	0.10	-2.08	0.0	0.0	0.0	0.0
1623	2	36.01	0.0	-1.56e-03	-3.20	0.0	0.07	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.21e-03	0.0	90.0	0.07	-1.60	0.0	0.0	0.0	0.0
1623	3	36.01	0.0	-1.51e-03	-3.20	0.0	0.07	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.13e-03	0.0	90.0	0.07	-1.60	0.0	0.0	0.0	0.0
1623	4	36.01	0.0	-1.42e-03	-3.20	0.0	0.07	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.75e-04	0.0	90.0	0.07	-1.60	0.0	0.0	0.0	0.0
1623	5	36.01	0.0	-1.42e-03	-3.20	0.0	0.07	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.75e-04	0.0	90.0	0.07	-1.60	0.0	0.0	0.0	0.0
1624	1	46.81	0.0	-2.09e-03	-4.16	0.0	0.17	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.38e-03	0.0	90.0	0.17	-2.08	0.0	0.0	0.0	0.0
1624	2	36.01	0.0	-1.63e-03	-3.20	0.0	0.13	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.11e-03	0.0	90.0	0.13	-1.60	0.0	0.0	0.0	0.0
1624	3	36.01	0.0	-1.60e-03	-3.20	0.0	0.12	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.04e-03	0.0	90.0	0.12	-1.60	0.0	0.0	0.0	0.0
1624	4	36.01	0.0	-1.54e-03	-3.20	0.0	0.12	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.11e-04	0.0	90.0	0.12	-1.60	0.0	0.0	0.0	0.0
1624	5	36.01	0.0	-1.54e-03	-3.20	0.0	0.12	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.11e-04	0.0	90.0	0.12	-1.60	0.0	0.0	0.0	0.0
1625	1	46.81	0.0	-2.48e-03	-4.16	0.0	0.27	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.24e-03	0.0	90.0	0.27	-2.08	0.0	0.0	0.0	0.0
1625	2	36.01	0.0	-1.93e-03	-3.20	0.0	0.21	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.00e-03	0.0	90.0	0.21	-1.60	0.0	0.0	0.0	0.0
1625	3	36.01	0.0	-1.90e-03	-3.20	0.0	0.20	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.36e-04	0.0	90.0	0.20	-1.60	0.0	0.0	0.0	0.0
1625	4	36.01	0.0	-1.82e-03	-3.20	0.0	0.19	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.07e-04	0.0	90.0	0.19	-1.60	0.0	0.0	0.0	0.0
1625	5	36.01	0.0	-1.82e-03	-3.20	0.0	0.19	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.07e-04	0.0	90.0	0.19	-1.60	0.0	0.0	0.0	0.0
1626	1	46.81	0.0	-1.77e-03	-4.16	0.0	0.42	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-6.77e-03	0.0	90.0	0.42	-2.08	0.0	0.0	0.0	0.0
1626	2	36.01	0.0	-1.37e-03	-3.20	0.0	0.33	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.49e-03	0.0	90.0	0.33	-1.60	0.0	0.0	0.0	0.0
1626	3	36.01	0.0	-1.36e-03	-3.20	0.0	0.31	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.09e-03	0.0	90.0	0.31	-1.60	0.0	0.0	0.0	0.0
1626	4	36.01	0.0	-1.36e-03	-3.20	0.0	0.29	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.30e-03	0.0	90.0	0.29	-1.60	0.0	0.0	0.0	0.0
1626	5	36.01	0.0	-1.36e-03	-3.20	0.0	0.29	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.30e-03	0.0	90.0	0.29	-1.60	0.0	0.0	0.0	0.0
1627	1	46.81	0.0	1.27e-03	-4.16	0.0	0.62	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	2.74e-03	0.0	90.0	0.62	-2.08	0.0	0.0	0.0	0.0
1627	2	36.01	0.0	9.97e-04	-3.20	0.0	0.49	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	2.23e-03	0.0	90.0	0.49	-1.60	0.0	0.0	0.0	0.0

1627	3	36.01	0.0	9.67e-04	-3.20	0.0	0.47	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	2.06e-03	0.0	90.0	0.47	-1.60	0.0	0.0	0.0	0.0
1627	4	36.01	0.0	9.01e-04	-3.20	0.0	0.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	1.71e-03	0.0	90.0	0.42	-1.60	0.0	0.0	0.0	0.0
1627	5	36.01	0.0	9.01e-04	-3.20	0.0	0.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	1.71e-03	0.0	90.0	0.42	-1.60	0.0	0.0	0.0	0.0
1628	1	46.81	0.0	-2.14e-03	-4.16	0.0	0.90	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.34e-03	0.0	90.0	0.90	-2.08	0.0	0.0	0.0	0.0
1628	2	36.01	0.0	-1.66e-03	-3.20	0.0	0.71	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.08e-03	0.0	90.0	0.71	-1.60	0.0	0.0	0.0	0.0
1628	3	36.01	0.0	-1.63e-03	-3.20	0.0	0.67	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.01e-03	0.0	90.0	0.67	-1.60	0.0	0.0	0.0	0.0
1628	4	36.01	0.0	-1.58e-03	-3.20	0.0	0.61	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.85e-04	0.0	90.0	0.61	-1.60	0.0	0.0	0.0	0.0
1628	5	36.01	0.0	-1.58e-03	-3.20	0.0	0.61	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.85e-04	0.0	90.0	0.61	-1.60	0.0	0.0	0.0	0.0
1629	1	46.81	0.0	-4.01e-03	-4.16	0.0	1.26	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-7.73e-04	0.0	90.0	1.26	-2.08	0.0	0.0	0.0	0.0
1629	2	36.01	0.0	-3.19e-03	-3.20	0.0	1.00	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.27e-04	0.0	90.0	1.00	-1.60	0.0	0.0	0.0	0.0
1629	3	36.01	0.0	-3.05e-03	-3.20	0.0	0.94	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.77e-04	0.0	90.0	0.94	-1.60	0.0	0.0	0.0	0.0
1629	4	36.01	0.0	-2.78e-03	-3.20	0.0	0.84	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.86e-04	0.0	90.0	0.84	-1.60	0.0	0.0	0.0	0.0
1629	5	36.01	0.0	-2.78e-03	-3.20	0.0	0.84	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.86e-04	0.0	90.0	0.84	-1.60	0.0	0.0	0.0	0.0
1630	1	46.81	0.0	-0.01	-4.16	0.0	1.71	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-5.42e-04	0.0	90.0	1.71	-2.08	0.0	0.0	0.0	0.0
1630	2	36.01	0.0	-9.82e-03	-3.20	0.0	1.36	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.31e-04	0.0	90.0	1.36	-1.60	0.0	0.0	0.0	0.0
1630	3	36.01	0.0	-9.17e-03	-3.20	0.0	1.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.10e-04	0.0	90.0	1.28	-1.60	0.0	0.0	0.0	0.0
1630	4	36.01	0.0	-7.86e-03	-3.20	0.0	1.13	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.70e-04	0.0	90.0	1.13	-1.60	0.0	0.0	0.0	0.0
1630	5	36.01	0.0	-7.86e-03	-3.20	0.0	1.13	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.70e-04	0.0	90.0	1.13	-1.60	0.0	0.0	0.0	0.0
1631	1	46.81	0.0	-0.03	-4.16	0.0	-179.67	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	4.18e-04	0.0	90.0	-179.67	-2.08	0.0	0.0	0.0	0.0
1631	2	36.01	0.0	-0.02	-3.20	0.0	-145.11	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	3.36e-04	0.0	90.0	-145.11	-1.60	0.0	0.0	0.0	0.0
1631	3	36.01	0.0	-0.02	-3.20	0.0	-135.16	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	3.18e-04	0.0	90.0	-135.16	-1.60	0.0	0.0	0.0	0.0
1631	4	36.01	0.0	-0.02	-3.20	0.0	-115.19	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	2.92e-04	0.0	90.0	-115.19	-1.60	0.0	0.0	0.0	0.0
1631	5	36.01	0.0	-0.02	-3.20	0.0	-115.19	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	2.92e-04	0.0	90.0	-115.19	-1.60	0.0	0.0	0.0	0.0
1632	1	46.81	0.0	0.01	-4.16	0.0	-480.09	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.97e-03	0.0	90.0	-480.09	-2.08	0.0	0.0	0.0	0.0
1632	2	36.01	0.0	0.01	-3.20	0.0	-386.91	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.41e-03	0.0	90.0	-386.91	-1.60	0.0	0.0	0.0	0.0
1632	3	36.01	0.0	0.01	-3.20	0.0	-361.47	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.23e-03	0.0	90.0	-361.47	-1.60	0.0	0.0	0.0	0.0
1632	4	36.01	0.0	8.91e-03	-3.20	0.0	-310.59	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.88e-03	0.0	90.0	-310.59	-1.60	0.0	0.0	0.0	0.0
1632	5	36.01	0.0	8.91e-03	-3.20	0.0	-310.59	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.88e-03	0.0	90.0	-310.59	-1.60	0.0	0.0	0.0	0.0
1633	1	46.81	0.0	0.03	-4.16	0.0	91.66	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-6.54e-03	0.0	90.0	91.66	-2.08	0.0	0.0	0.0	0.0
1633	2	36.01	0.0	0.02	-3.20	0.0	73.78	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.26e-03	0.0	90.0	73.78	-1.60	0.0	0.0	0.0	0.0
1633	3	36.01	0.0	0.02	-3.20	0.0	69.06	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.93e-03	0.0	90.0	69.06	-1.60	0.0	0.0	0.0	0.0
1633	4	36.01	0.0	0.02	-3.20	0.0	59.60	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.26e-03	0.0	90.0	59.60	-1.60	0.0	0.0	0.0	0.0
1633	5	36.01	0.0	0.02	-3.20	0.0	59.60	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.26e-03	0.0	90.0	59.60	-1.60	0.0	0.0	0.0	0.0
1634	1	46.81	0.0	-0.03	-4.16	0.0	-5.29	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.02e-03	0.0	90.0	-5.29	-2.08	0.0	0.0	0.0	0.0
1634	2	36.01	0.0	-0.02	-3.20	0.0	-4.29	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.21e-04	0.0	90.0	-4.29	-1.60	0.0	0.0	0.0	0.0
1634	3	36.01	0.0	-0.02	-3.20	0.0	-3.97	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.74e-04	0.0	90.0	-3.97	-1.60	0.0	0.0	0.0	0.0
1634	4	36.01	0.0	-0.02	-3.20	0.0	-3.33	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.82e-04	0.0	90.0	-3.33	-1.60	0.0	0.0	0.0	0.0
1634	5	36.01	0.0	-0.02	-3.20	0.0	-3.33	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.82e-04	0.0	90.0	-3.33	-1.60	0.0	0.0	0.0	0.0
1635	1	46.81	0.0	-0.02	-4.16	0.0	95.00	2.08	0.0	0.0	0.0	0.0

		0.0	0.0	-1.71e-03	0.0	90.0	95.00	-2.08	0.0	0.0	0.0	0.0
1635	2	36.01	0.0	-0.02	-3.20	0.0	76.63	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.37e-03	0.0	90.0	76.63	-1.60	0.0	0.0	0.0	0.0
1635	3	36.01	0.0	-0.01	-3.20	0.0	71.69	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.31e-03	0.0	90.0	71.69	-1.60	0.0	0.0	0.0	0.0
1635	4	36.01	0.0	-0.01	-3.20	0.0	61.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.15e-03	0.0	90.0	61.77	-1.60	0.0	0.0	0.0	0.0
1635	5	36.01	0.0	-0.01	-3.20	0.0	61.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.15e-03	0.0	90.0	61.77	-1.60	0.0	0.0	0.0	0.0
1636	1	46.81	0.0	-6.18e-03	-4.16	0.0	117.23	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-3.02e-03	0.0	90.0	117.23	-2.08	0.0	0.0	0.0	0.0
1636	2	36.01	0.0	-5.07e-03	-3.20	0.0	94.92	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.42e-03	0.0	90.0	94.92	-1.60	0.0	0.0	0.0	0.0
1636	3	36.01	0.0	-4.61e-03	-3.20	0.0	87.93	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.24e-03	0.0	90.0	87.93	-1.60	0.0	0.0	0.0	0.0
1636	4	36.01	0.0	-3.69e-03	-3.20	0.0	74.41	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.95e-03	0.0	90.0	74.41	-1.60	0.0	0.0	0.0	0.0
1636	5	36.01	0.0	-3.69e-03	-3.20	0.0	74.41	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.95e-03	0.0	90.0	74.41	-1.60	0.0	0.0	0.0	0.0
1637	1	46.81	0.0	-3.74e-03	-4.16	0.0	113.16	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.48e-03	0.0	90.0	113.16	-2.08	0.0	0.0	0.0	0.0
1637	2	36.01	0.0	-2.98e-03	-3.20	0.0	91.72	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.01e-03	0.0	90.0	91.72	-1.60	0.0	0.0	0.0	0.0
1637	3	36.01	0.0	-2.82e-03	-3.20	0.0	84.86	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.88e-03	0.0	90.0	84.86	-1.60	0.0	0.0	0.0	0.0
1637	4	36.01	0.0	-2.52e-03	-3.20	0.0	71.96	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.61e-03	0.0	90.0	71.96	-1.60	0.0	0.0	0.0	0.0
1637	5	36.01	0.0	-2.52e-03	-3.20	0.0	71.96	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.61e-03	0.0	90.0	71.96	-1.60	0.0	0.0	0.0	0.0
1638	1	46.81	0.0	-3.32e-03	-4.16	0.0	110.73	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.69e-03	0.0	90.0	110.73	-2.08	0.0	0.0	0.0	0.0
1638	2	36.01	0.0	-2.60e-03	-3.20	0.0	89.62	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.38e-03	0.0	90.0	89.62	-1.60	0.0	0.0	0.0	0.0
1638	3	36.01	0.0	-2.53e-03	-3.20	0.0	82.90	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.30e-03	0.0	90.0	82.90	-1.60	0.0	0.0	0.0	0.0
1638	4	36.01	0.0	-2.37e-03	-3.20	0.0	70.51	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.11e-03	0.0	90.0	70.51	-1.60	0.0	0.0	0.0	0.0
1638	5	36.01	0.0	-2.37e-03	-3.20	0.0	70.51	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.11e-03	0.0	90.0	70.51	-1.60	0.0	0.0	0.0	0.0
1639	1	46.81	0.0	-3.72e-03	-4.16	0.0	101.62	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.19e-03	0.0	90.0	101.62	-2.08	0.0	0.0	0.0	0.0
1639	2	36.01	0.0	-2.95e-03	-3.20	0.0	82.38	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.76e-03	0.0	90.0	82.38	-1.60	0.0	0.0	0.0	0.0
1639	3	36.01	0.0	-2.83e-03	-3.20	0.0	75.98	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.64e-03	0.0	90.0	75.98	-1.60	0.0	0.0	0.0	0.0
1639	4	36.01	0.0	-2.60e-03	-3.20	0.0	63.35	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.40e-03	0.0	90.0	63.35	-1.60	0.0	0.0	0.0	0.0
1639	5	36.01	0.0	-2.60e-03	-3.20	0.0	63.35	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.40e-03	0.0	90.0	63.35	-1.60	0.0	0.0	0.0	0.0
1640	1	46.81	0.0	4.34e-03	-4.16	0.0	71.96	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.75e-03	0.0	90.0	71.96	-2.08	0.0	0.0	0.0	0.0
1640	2	36.01	0.0	3.46e-03	-3.20	0.0	58.53	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.20e-03	0.0	90.0	58.53	-1.60	0.0	0.0	0.0	0.0
1640	3	36.01	0.0	3.32e-03	-3.20	0.0	54.60	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.07e-03	0.0	90.0	54.60	-1.60	0.0	0.0	0.0	0.0
1640	4	36.01	0.0	2.98e-03	-3.20	0.0	45.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.81e-03	0.0	90.0	45.43	-1.60	0.0	0.0	0.0	0.0
1640	5	36.01	0.0	2.98e-03	-3.20	0.0	45.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.81e-03	0.0	90.0	45.43	-1.60	0.0	0.0	0.0	0.0
1641	1	46.81	0.0	-1.15e-03	-4.16	0.0	63.92	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.24e-03	0.0	90.0	63.92	-2.08	0.0	0.0	0.0	0.0
1641	2	36.01	0.0	-8.67e-04	-3.20	0.0	52.06	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.00e-03	0.0	90.0	52.06	-1.60	0.0	0.0	0.0	0.0
1641	3	36.01	0.0	-8.95e-04	-3.20	0.0	48.19	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.33e-04	0.0	90.0	48.19	-1.60	0.0	0.0	0.0	0.0
1641	4	36.01	0.0	-9.34e-04	-3.20	0.0	40.10	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.94e-04	0.0	90.0	40.10	-1.60	0.0	0.0	0.0	0.0
1641	5	36.01	0.0	-9.34e-04	-3.20	0.0	40.10	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.94e-04	0.0	90.0	40.10	-1.60	0.0	0.0	0.0	0.0
1642	1	46.81	0.0	-2.76e-03	-4.16	0.0	57.45	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	9.78e-05	0.0	90.0	57.45	-2.08	0.0	0.0	0.0	0.0
1642	2	36.01	0.0	-2.15e-03	-3.20	0.0	46.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	7.68e-05	0.0	90.0	46.77	-1.60	0.0	0.0	0.0	0.0
1642	3	36.01	0.0	-2.12e-03	-3.20	0.0	43.21	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	6.59e-05	0.0	90.0	43.21	-1.60	0.0	0.0	0.0	0.0
1642	4	36.01	0.0	-2.05e-03	-3.20	0.0	35.92	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	3.58e-05	0.0	90.0	35.92	-1.60	0.0	0.0	0.0	0.0

1642	5	36.01	0.0	-2.05e-03	-3.20	0.0	35.92	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	3.58e-05	0.0	90.0	35.92	-1.60	0.0	0.0	0.0	0.0
1643	1	46.81	0.0	-5.05e-03	-4.16	0.0	47.75	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	3.04e-04	0.0	90.0	47.75	-2.08	0.0	0.0	0.0	0.0
1643	2	36.01	0.0	-4.07e-03	-3.20	0.0	38.97	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	2.45e-04	0.0	90.0	38.97	-1.60	0.0	0.0	0.0	0.0
1643	3	36.01	0.0	-3.78e-03	-3.20	0.0	36.02	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	2.47e-04	0.0	90.0	36.02	-1.60	0.0	0.0	0.0	0.0
1643	4	36.01	0.0	-3.32e-03	-3.20	0.0	29.85	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	2.18e-04	0.0	90.0	29.85	-1.60	0.0	0.0	0.0	0.0
1643	5	36.01	0.0	-3.32e-03	-3.20	0.0	29.85	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	2.18e-04	0.0	90.0	29.85	-1.60	0.0	0.0	0.0	0.0
1644	1	46.81	0.0	3.30e-03	-4.16	0.0	37.93	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	4.29e-04	0.0	90.0	37.93	-2.08	0.0	0.0	0.0	0.0
1644	2	36.01	0.0	2.61e-03	-3.20	0.0	31.08	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	3.47e-04	0.0	90.0	31.08	-1.60	0.0	0.0	0.0	0.0
1644	3	36.01	0.0	2.49e-03	-3.20	0.0	28.27	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	3.12e-04	0.0	90.0	28.27	-1.60	0.0	0.0	0.0	0.0
1644	4	36.01	0.0	2.27e-03	-3.20	0.0	22.84	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	2.65e-04	0.0	90.0	22.84	-1.60	0.0	0.0	0.0	0.0
1644	5	36.01	0.0	2.27e-03	-3.20	0.0	22.84	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	2.65e-04	0.0	90.0	22.84	-1.60	0.0	0.0	0.0	0.0
1645	1	46.81	0.0	-1.26e-03	-4.16	0.0	27.89	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.14e-03	0.0	90.0	27.89	-2.08	0.0	0.0	0.0	0.0
1645	2	36.01	0.0	-9.56e-04	-3.20	0.0	23.04	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.72e-03	0.0	90.0	23.04	-1.60	0.0	0.0	0.0	0.0
1645	3	36.01	0.0	-9.72e-04	-3.20	0.0	20.78	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.61e-03	0.0	90.0	20.78	-1.60	0.0	0.0	0.0	0.0
1645	4	36.01	0.0	-1.00e-03	-3.20	0.0	16.34	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.39e-03	0.0	90.0	16.34	-1.60	0.0	0.0	0.0	0.0
1645	5	36.01	0.0	-1.00e-03	-3.20	0.0	16.34	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.39e-03	0.0	90.0	16.34	-1.60	0.0	0.0	0.0	0.0
1646	1	46.81	0.0	-1.56e-03	-4.16	0.0	19.29	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-6.15e-03	0.0	90.0	19.29	-2.08	0.0	0.0	0.0	0.0
1646	2	36.01	0.0	-1.18e-03	-3.20	0.0	15.80	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.96e-03	0.0	90.0	15.80	-1.60	0.0	0.0	0.0	0.0
1646	3	36.01	0.0	-1.21e-03	-3.20	0.0	14.22	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.64e-03	0.0	90.0	14.22	-1.60	0.0	0.0	0.0	0.0
1646	4	36.01	0.0	-1.26e-03	-3.20	0.0	11.51	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.98e-03	0.0	90.0	11.51	-1.60	0.0	0.0	0.0	0.0
1646	5	36.01	0.0	-1.26e-03	-3.20	0.0	11.51	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.98e-03	0.0	90.0	11.51	-1.60	0.0	0.0	0.0	0.0
1647	1	46.81	0.0	-2.69e-03	-4.16	0.0	10.90	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-5.41e-03	0.0	90.0	10.90	-2.08	0.0	0.0	0.0	0.0
1647	2	36.01	0.0	-2.04e-03	-3.20	0.0	8.85	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.36e-03	0.0	90.0	8.85	-1.60	0.0	0.0	0.0	0.0
1647	3	36.01	0.0	-2.08e-03	-3.20	0.0	8.06	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.09e-03	0.0	90.0	8.06	-1.60	0.0	0.0	0.0	0.0
1647	4	36.01	0.0	-2.15e-03	-3.20	0.0	6.86	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.50e-03	0.0	90.0	6.86	-1.60	0.0	0.0	0.0	0.0
1647	5	36.01	0.0	-2.15e-03	-3.20	0.0	6.86	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.50e-03	0.0	90.0	6.86	-1.60	0.0	0.0	0.0	0.0
1648	1	46.81	0.0	-4.17e-03	-4.16	0.0	-1.71	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-7.19e-03	0.0	90.0	-1.71	-2.08	0.0	0.0	0.0	0.0
1648	2	36.01	0.0	-3.26e-03	-3.20	0.0	-1.40	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.79e-03	0.0	90.0	-1.40	-1.60	0.0	0.0	0.0	0.0
1648	3	36.01	0.0	-3.17e-03	-3.20	0.0	-1.33	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.39e-03	0.0	90.0	-1.33	-1.60	0.0	0.0	0.0	0.0
1648	4	36.01	0.0	-3.03e-03	-3.20	0.0	-1.06	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.63e-03	0.0	90.0	-1.06	-1.60	0.0	0.0	0.0	0.0
1648	5	36.01	0.0	-3.03e-03	-3.20	0.0	-1.06	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.63e-03	0.0	90.0	-1.06	-1.60	0.0	0.0	0.0	0.0
1649	1	46.81	0.0	3.53e-03	-4.16	0.0	-1.01	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	-1.01	-2.08	0.0	0.0	0.0	0.0
1649	2	36.01	0.0	2.95e-03	-3.20	0.0	-0.82	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.81e-03	0.0	90.0	-0.82	-1.60	0.0	0.0	0.0	0.0
1649	3	36.01	0.0	2.61e-03	-3.20	0.0	-0.78	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.18e-03	0.0	90.0	-0.78	-1.60	0.0	0.0	0.0	0.0
1649	4	36.01	0.0	1.94e-03	-3.20	0.0	-0.62	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.88e-03	0.0	90.0	-0.62	-1.60	0.0	0.0	0.0	0.0
1649	5	36.01	0.0	1.94e-03	-3.20	0.0	-0.62	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.88e-03	0.0	90.0	-0.62	-1.60	0.0	0.0	0.0	0.0
1650	1	46.81	0.0	-0.02	-4.16	0.0	-2.64	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.00e-03	0.0	90.0	-2.64	-2.08	0.0	0.0	0.0	0.0
1650	2	36.01	0.0	-0.02	-3.20	0.0	-2.12	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.08e-04	0.0	90.0	-2.12	-1.60	0.0	0.0	0.0	0.0
1650	3	36.01	0.0	-0.02	-3.20	0.0	-1.99	1.60	0.0	0.0	0.0	0.0

		0.0	0.0	-7.62e-04	0.0	90.0	-1.99	-1.60	0.0	0.0	0.0	0.0
1650	4	36.01	0.0	-0.01	-3.20	0.0	-1.73	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.72e-04	0.0	90.0	-1.73	-1.60	0.0	0.0	0.0	0.0
1650	5	36.01	0.0	-0.01	-3.20	0.0	-1.73	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.72e-04	0.0	90.0	-1.73	-1.60	0.0	0.0	0.0	0.0
1651	1	46.81	0.0	-0.01	-4.16	0.0	-4.93	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.72e-03	0.0	90.0	-4.93	-2.08	0.0	0.0	0.0	0.0
1651	2	36.01	0.0	-0.01	-3.20	0.0	-3.95	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.38e-03	0.0	90.0	-3.95	-1.60	0.0	0.0	0.0	0.0
1651	3	36.01	0.0	-9.74e-03	-3.20	0.0	-3.71	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.32e-03	0.0	90.0	-3.71	-1.60	0.0	0.0	0.0	0.0
1651	4	36.01	0.0	-8.23e-03	-3.20	0.0	-3.24	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.15e-03	0.0	90.0	-3.24	-1.60	0.0	0.0	0.0	0.0
1651	5	36.01	0.0	-8.23e-03	-3.20	0.0	-3.24	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.15e-03	0.0	90.0	-3.24	-1.60	0.0	0.0	0.0	0.0
1652	1	46.81	0.0	-3.55e-03	-4.16	0.0	-6.64	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-3.04e-03	0.0	90.0	-6.64	-2.08	0.0	0.0	0.0	0.0
1652	2	36.01	0.0	-2.85e-03	-3.20	0.0	-5.32	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.44e-03	0.0	90.0	-5.32	-1.60	0.0	0.0	0.0	0.0
1652	3	36.01	0.0	-2.68e-03	-3.20	0.0	-5.00	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.27e-03	0.0	90.0	-5.00	-1.60	0.0	0.0	0.0	0.0
1652	4	36.01	0.0	-2.37e-03	-3.20	0.0	-4.39	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.97e-03	0.0	90.0	-4.39	-1.60	0.0	0.0	0.0	0.0
1652	5	36.01	0.0	-2.37e-03	-3.20	0.0	-4.39	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.97e-03	0.0	90.0	-4.39	-1.60	0.0	0.0	0.0	0.0
1653	1	46.81	0.0	-2.70e-03	-4.16	0.0	-8.00	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.48e-03	0.0	90.0	-8.00	-2.08	0.0	0.0	0.0	0.0
1653	2	36.01	0.0	-2.13e-03	-3.20	0.0	-6.41	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.01e-03	0.0	90.0	-6.41	-1.60	0.0	0.0	0.0	0.0
1653	3	36.01	0.0	-2.05e-03	-3.20	0.0	-6.02	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.88e-03	0.0	90.0	-6.02	-1.60	0.0	0.0	0.0	0.0
1653	4	36.01	0.0	-1.91e-03	-3.20	0.0	-5.31	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.61e-03	0.0	90.0	-5.31	-1.60	0.0	0.0	0.0	0.0
1653	5	36.01	0.0	-1.91e-03	-3.20	0.0	-5.31	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.61e-03	0.0	90.0	-5.31	-1.60	0.0	0.0	0.0	0.0
1654	1	46.81	0.0	-2.80e-03	-4.16	0.0	-9.27	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.67e-03	0.0	90.0	-9.27	-2.08	0.0	0.0	0.0	0.0
1654	2	36.01	0.0	-2.20e-03	-3.20	0.0	-7.41	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.36e-03	0.0	90.0	-7.41	-1.60	0.0	0.0	0.0	0.0
1654	3	36.01	0.0	-2.14e-03	-3.20	0.0	-6.97	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.28e-03	0.0	90.0	-6.97	-1.60	0.0	0.0	0.0	0.0
1654	4	36.01	0.0	-2.01e-03	-3.20	0.0	-6.17	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.09e-03	0.0	90.0	-6.17	-1.60	0.0	0.0	0.0	0.0
1654	5	36.01	0.0	-2.01e-03	-3.20	0.0	-6.17	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.09e-03	0.0	90.0	-6.17	-1.60	0.0	0.0	0.0	0.0
1655	1	46.81	0.0	-1.37e-03	-4.16	0.0	-10.54	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.20e-03	0.0	90.0	-10.54	-2.08	0.0	0.0	0.0	0.0
1655	2	36.01	0.0	-1.05e-03	-3.20	0.0	-8.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.77e-03	0.0	90.0	-8.43	-1.60	0.0	0.0	0.0	0.0
1655	3	36.01	0.0	-1.06e-03	-3.20	0.0	-7.94	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.64e-03	0.0	90.0	-7.94	-1.60	0.0	0.0	0.0	0.0
1655	4	36.01	0.0	-1.10e-03	-3.20	0.0	-7.04	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.40e-03	0.0	90.0	-7.04	-1.60	0.0	0.0	0.0	0.0
1655	5	36.01	0.0	-1.10e-03	-3.20	0.0	-7.04	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.40e-03	0.0	90.0	-7.04	-1.60	0.0	0.0	0.0	0.0
1656	1	46.81	0.0	1.79e-03	-4.16	0.0	-11.89	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.77e-03	0.0	90.0	-11.89	-2.08	0.0	0.0	0.0	0.0
1656	2	36.01	0.0	1.44e-03	-3.20	0.0	-9.50	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.22e-03	0.0	90.0	-9.50	-1.60	0.0	0.0	0.0	0.0
1656	3	36.01	0.0	1.36e-03	-3.20	0.0	-8.95	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.08e-03	0.0	90.0	-8.95	-1.60	0.0	0.0	0.0	0.0
1656	4	36.01	0.0	1.19e-03	-3.20	0.0	-7.96	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.82e-03	0.0	90.0	-7.96	-1.60	0.0	0.0	0.0	0.0
1656	5	36.01	0.0	1.19e-03	-3.20	0.0	-7.96	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.82e-03	0.0	90.0	-7.96	-1.60	0.0	0.0	0.0	0.0
1657	1	46.81	0.0	-1.22e-03	-4.16	0.0	-13.42	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.24e-03	0.0	90.0	-13.42	-2.08	0.0	0.0	0.0	0.0
1657	2	36.01	0.0	-9.22e-04	-3.20	0.0	-10.72	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.99e-04	0.0	90.0	-10.72	-1.60	0.0	0.0	0.0	0.0
1657	3	36.01	0.0	-9.42e-04	-3.20	0.0	-10.10	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.32e-04	0.0	90.0	-10.10	-1.60	0.0	0.0	0.0	0.0
1657	4	36.01	0.0	-9.79e-04	-3.20	0.0	-8.99	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.93e-04	0.0	90.0	-8.99	-1.60	0.0	0.0	0.0	0.0
1657	5	36.01	0.0	-9.79e-04	-3.20	0.0	-8.99	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.93e-04	0.0	90.0	-8.99	-1.60	0.0	0.0	0.0	0.0
1658	1	46.81	0.0	-2.13e-03	-4.16	0.0	-15.21	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	1.22e-04	0.0	90.0	-15.21	-2.08	0.0	0.0	0.0	0.0

1658	2	36.01	0.0	-1.66e-03	-3.20	0.0	-12.16	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	9.61e-05	0.0	90.0	-12.16	-1.60	0.0	0.0	0.0	0.0
1658	3	36.01	0.0	-1.63e-03	-3.20	0.0	-11.45	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	8.38e-05	0.0	90.0	-11.45	-1.60	0.0	0.0	0.0	0.0
1658	4	36.01	0.0	-1.58e-03	-3.20	0.0	-10.19	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	5.09e-05	0.0	90.0	-10.19	-1.60	0.0	0.0	0.0	0.0
1658	5	36.01	0.0	-1.58e-03	-3.20	0.0	-10.19	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	5.09e-05	0.0	90.0	-10.19	-1.60	0.0	0.0	0.0	0.0
1659	1	46.81	0.0	-1.99e-03	-4.16	0.0	-17.27	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	2.98e-04	0.0	90.0	-17.27	-2.08	0.0	0.0	0.0	0.0
1659	2	36.01	0.0	-1.55e-03	-3.20	0.0	-13.80	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	2.40e-04	0.0	90.0	-13.80	-1.60	0.0	0.0	0.0	0.0
1659	3	36.01	0.0	-1.53e-03	-3.20	0.0	-12.99	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	2.43e-04	0.0	90.0	-12.99	-1.60	0.0	0.0	0.0	0.0
1659	4	36.01	0.0	-1.48e-03	-3.20	0.0	-11.56	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	2.14e-04	0.0	90.0	-11.56	-1.60	0.0	0.0	0.0	0.0
1659	5	36.01	0.0	-1.48e-03	-3.20	0.0	-11.56	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	2.14e-04	0.0	90.0	-11.56	-1.60	0.0	0.0	0.0	0.0
1660	1	46.81	0.0	4.28e-03	-4.16	0.0	-19.56	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	3.93e-04	0.0	90.0	-19.56	-2.08	0.0	0.0	0.0	0.0
1660	2	36.01	0.0	3.44e-03	-3.20	0.0	-15.64	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	3.18e-04	0.0	90.0	-15.64	-1.60	0.0	0.0	0.0	0.0
1660	3	36.01	0.0	3.23e-03	-3.20	0.0	-14.72	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	2.85e-04	0.0	90.0	-14.72	-1.60	0.0	0.0	0.0	0.0
1660	4	36.01	0.0	2.82e-03	-3.20	0.0	-13.08	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	2.42e-04	0.0	90.0	-13.08	-1.60	0.0	0.0	0.0	0.0
1660	5	36.01	0.0	2.82e-03	-3.20	0.0	-13.08	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	2.42e-04	0.0	90.0	-13.08	-1.60	0.0	0.0	0.0	0.0
1661	1	46.81	0.0	-1.63e-03	-4.16	0.0	-22.23	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.14e-03	0.0	90.0	-22.23	-2.08	0.0	0.0	0.0	0.0
1661	2	36.01	0.0	-1.26e-03	-3.20	0.0	-17.78	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.73e-03	0.0	90.0	-17.78	-1.60	0.0	0.0	0.0	0.0
1661	3	36.01	0.0	-1.26e-03	-3.20	0.0	-16.72	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.61e-03	0.0	90.0	-16.72	-1.60	0.0	0.0	0.0	0.0
1661	4	36.01	0.0	-1.25e-03	-3.20	0.0	-14.84	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.39e-03	0.0	90.0	-14.84	-1.60	0.0	0.0	0.0	0.0
1661	5	36.01	0.0	-1.25e-03	-3.20	0.0	-14.84	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.39e-03	0.0	90.0	-14.84	-1.60	0.0	0.0	0.0	0.0
1662	1	46.81	0.0	-3.38e-03	-4.16	0.0	-25.53	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-6.15e-03	0.0	90.0	-25.53	-2.08	0.0	0.0	0.0	0.0
1662	2	36.01	0.0	-2.66e-03	-3.20	0.0	-20.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.96e-03	0.0	90.0	-20.42	-1.60	0.0	0.0	0.0	0.0
1662	3	36.01	0.0	-2.57e-03	-3.20	0.0	-19.20	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.63e-03	0.0	90.0	-19.20	-1.60	0.0	0.0	0.0	0.0
1662	4	36.01	0.0	-2.39e-03	-3.20	0.0	-17.01	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.98e-03	0.0	90.0	-17.01	-1.60	0.0	0.0	0.0	0.0
1662	5	36.01	0.0	-2.39e-03	-3.20	0.0	-17.01	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.98e-03	0.0	90.0	-17.01	-1.60	0.0	0.0	0.0	0.0
1663	1	46.81	0.0	-6.61e-03	-4.16	0.0	-29.57	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-5.37e-03	0.0	90.0	-29.57	-2.08	0.0	0.0	0.0	0.0
1663	2	36.01	0.0	-5.28e-03	-3.20	0.0	-23.67	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.33e-03	0.0	90.0	-23.67	-1.60	0.0	0.0	0.0	0.0
1663	3	36.01	0.0	-5.00e-03	-3.20	0.0	-22.23	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.06e-03	0.0	90.0	-22.23	-1.60	0.0	0.0	0.0	0.0
1663	4	36.01	0.0	-4.44e-03	-3.20	0.0	-19.68	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.48e-03	0.0	90.0	-19.68	-1.60	0.0	0.0	0.0	0.0
1663	5	36.01	0.0	-4.44e-03	-3.20	0.0	-19.68	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.48e-03	0.0	90.0	-19.68	-1.60	0.0	0.0	0.0	0.0
1664	1	46.81	0.0	-0.01	-4.16	0.0	-34.36	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-7.18e-03	0.0	90.0	-34.36	-2.08	0.0	0.0	0.0	0.0
1664	2	36.01	0.0	-9.68e-03	-3.20	0.0	-27.50	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.78e-03	0.0	90.0	-27.50	-1.60	0.0	0.0	0.0	0.0
1664	3	36.01	0.0	-9.14e-03	-3.20	0.0	-25.83	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.38e-03	0.0	90.0	-25.83	-1.60	0.0	0.0	0.0	0.0
1664	4	36.01	0.0	-8.08e-03	-3.20	0.0	-22.83	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.62e-03	0.0	90.0	-22.83	-1.60	0.0	0.0	0.0	0.0
1664	5	36.01	0.0	-8.08e-03	-3.20	0.0	-22.83	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.62e-03	0.0	90.0	-22.83	-1.60	0.0	0.0	0.0	0.0
1665	1	46.81	0.0	-0.03	-4.16	0.0	-39.78	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	-39.78	-2.08	0.0	0.0	0.0	0.0
1665	2	36.01	0.0	-0.02	-3.20	0.0	-31.85	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.78e-03	0.0	90.0	-31.85	-1.60	0.0	0.0	0.0	0.0
1665	3	36.01	0.0	-0.02	-3.20	0.0	-29.91	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.15e-03	0.0	90.0	-29.91	-1.60	0.0	0.0	0.0	0.0
1665	4	36.01	0.0	-0.02	-3.20	0.0	-26.41	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.86e-03	0.0	90.0	-26.41	-1.60	0.0	0.0	0.0	0.0
1665	5	36.01	0.0	-0.02	-3.20	0.0	-26.41	1.60	0.0	0.0	0.0	0.0



		0.0	0.0	-7.86e-03	0.0	90.0	-26.41	-1.60	0.0	0.0	0.0	0.0
1668	1	69.92	0.0	-4.57e-03	-5.09	0.0	-9.11	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-0.03	0.0	110.0	-9.11	-2.54	0.0	0.0	0.0	0.0
1668	2	53.79	0.0	-3.56e-03	-3.91	0.0	-7.32	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	-7.32	-1.96	0.0	0.0	0.0	0.0
1668	3	53.79	0.0	-3.50e-03	-3.91	0.0	-6.86	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	-6.86	-1.96	0.0	0.0	0.0	0.0
1668	4	53.79	0.0	-3.40e-03	-3.91	0.0	-5.94	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	-5.94	-1.96	0.0	0.0	0.0	0.0
1668	5	53.79	0.0	-3.40e-03	-3.91	0.0	-5.94	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	-5.94	-1.96	0.0	0.0	0.0	0.0
1669	1	69.92	0.0	-8.08e-03	-5.09	0.0	-14.43	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	-14.43	-2.54	0.0	0.0	0.0	0.0
1669	2	53.79	0.0	-6.41e-03	-3.91	0.0	-11.60	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	-11.60	-1.96	0.0	0.0	0.0	0.0
1669	3	53.79	0.0	-6.12e-03	-3.91	0.0	-10.88	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-10.88	-1.96	0.0	0.0	0.0	0.0
1669	4	53.79	0.0	-5.60e-03	-3.91	0.0	-9.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-9.42	-1.96	0.0	0.0	0.0	0.0
1669	5	53.79	0.0	-5.60e-03	-3.91	0.0	-9.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-9.42	-1.96	0.0	0.0	0.0	0.0
1680	1	46.81	0.0	-1.54e-03	-4.16	0.0	-7.16	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-0.03	0.0	90.0	-7.16	-2.08	0.0	0.0	0.0	0.0
1680	2	36.01	0.0	-1.18e-03	-3.20	0.0	-5.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-5.77	-1.60	0.0	0.0	0.0	0.0
1680	3	36.01	0.0	-1.19e-03	-3.20	0.0	-5.40	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-5.40	-1.60	0.0	0.0	0.0	0.0
1680	4	36.01	0.0	-1.19e-03	-3.20	0.0	-4.66	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-4.66	-1.60	0.0	0.0	0.0	0.0
1680	5	36.01	0.0	-1.19e-03	-3.20	0.0	-4.66	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-4.66	-1.60	0.0	0.0	0.0	0.0
1681	1	46.81	0.0	-1.59e-03	-4.16	0.0	-7.66	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.80e-04	0.0	90.0	-7.66	-2.08	0.0	0.0	0.0	0.0
1681	2	36.01	0.0	-1.22e-03	-3.20	0.0	-6.17	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.44e-04	0.0	90.0	-6.17	-1.60	0.0	0.0	0.0	0.0
1681	3	36.01	0.0	-1.22e-03	-3.20	0.0	-5.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.36e-04	0.0	90.0	-5.77	-1.60	0.0	0.0	0.0	0.0
1681	4	36.01	0.0	-1.22e-03	-3.20	0.0	-4.98	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.19e-04	0.0	90.0	-4.98	-1.60	0.0	0.0	0.0	0.0
1681	5	36.01	0.0	-1.22e-03	-3.20	0.0	-4.98	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.19e-04	0.0	90.0	-4.98	-1.60	0.0	0.0	0.0	0.0
1686	1	46.81	0.0	-1.24e-03	-4.16	0.0	-43.13	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	90.0	-43.13	-2.08	0.0	0.0	0.0	0.0
1686	2	36.01	0.0	-9.43e-04	-3.20	0.0	-34.71	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-34.71	-1.60	0.0	0.0	0.0	0.0
1686	3	36.01	0.0	-9.64e-04	-3.20	0.0	-32.46	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-32.46	-1.60	0.0	0.0	0.0	0.0
1686	4	36.01	0.0	-1.01e-03	-3.20	0.0	-28.05	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-28.05	-1.60	0.0	0.0	0.0	0.0
1686	5	36.01	0.0	-1.01e-03	-3.20	0.0	-28.05	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-28.05	-1.60	0.0	0.0	0.0	0.0
1687	1	69.92	0.0	-5.19e-03	-5.09	0.0	-15.74	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-0.03	0.0	110.0	-15.74	-2.54	0.0	0.0	0.0	0.0
1687	2	53.79	0.0	-4.05e-03	-3.91	0.0	-12.69	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	-12.69	-1.96	0.0	0.0	0.0	0.0
1687	3	53.79	0.0	-3.96e-03	-3.91	0.0	-11.86	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	-11.86	-1.96	0.0	0.0	0.0	0.0
1687	4	53.79	0.0	-3.79e-03	-3.91	0.0	-10.18	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	-10.18	-1.96	0.0	0.0	0.0	0.0
1687	5	53.79	0.0	-3.79e-03	-3.91	0.0	-10.18	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	-10.18	-1.96	0.0	0.0	0.0	0.0
1692	1	46.81	0.0	2.37e-03	-4.16	0.0	-8.57	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.35e-03	0.0	90.0	-8.57	-2.08	0.0	0.0	0.0	0.0
1692	2	36.01	0.0	1.91e-03	-3.20	0.0	-6.89	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.89e-03	0.0	90.0	-6.89	-1.60	0.0	0.0	0.0	0.0
1692	3	36.01	0.0	1.78e-03	-3.20	0.0	-6.46	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.78e-03	0.0	90.0	-6.46	-1.60	0.0	0.0	0.0	0.0
1692	4	36.01	0.0	1.52e-03	-3.20	0.0	-5.58	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.54e-03	0.0	90.0	-5.58	-1.60	0.0	0.0	0.0	0.0
1692	5	36.01	0.0	1.52e-03	-3.20	0.0	-5.58	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.54e-03	0.0	90.0	-5.58	-1.60	0.0	0.0	0.0	0.0
1693	1	46.81	0.0	1.26e-03	-4.16	0.0	-18.13	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-18.13	-2.08	0.0	0.0	0.0	0.0
1693	2	36.01	0.0	1.03e-03	-3.20	0.0	-14.59	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-14.59	-1.60	0.0	0.0	0.0	0.0
1693	3	36.01	0.0	9.45e-04	-3.20	0.0	-13.66	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-13.66	-1.60	0.0	0.0	0.0	0.0

1693	4	36.01	0.0	-8.75e-04	-3.20	0.0	-11.81	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-11.81	-1.60	0.0	0.0	0.0	0.0
1693	5	36.01	0.0	-8.75e-04	-3.20	0.0	-11.81	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-11.81	-1.60	0.0	0.0	0.0	0.0
1698	1	46.81	0.0	-1.75e-03	-4.16	0.0	-0.38	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-0.38	-2.08	0.0	0.0	0.0	0.0
1698	2	36.01	0.0	-1.35e-03	-3.20	0.0	-0.30	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	-0.30	-1.60	0.0	0.0	0.0	0.0
1698	3	36.01	0.0	-1.35e-03	-3.20	0.0	-0.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	-0.28	-1.60	0.0	0.0	0.0	0.0
1698	4	36.01	0.0	-1.34e-03	-3.20	0.0	-0.25	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	-0.25	-1.60	0.0	0.0	0.0	0.0
1698	5	36.01	0.0	-1.34e-03	-3.20	0.0	-0.25	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	-0.25	-1.60	0.0	0.0	0.0	0.0
1699	1	69.92	0.0	5.79e-03	-5.09	0.0	-17.79	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.08	0.0	110.0	-17.79	-2.54	0.0	0.0	0.0	0.0
1699	2	53.79	0.0	4.66e-03	-3.91	0.0	-14.32	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.06	0.0	110.0	-14.32	-1.96	0.0	0.0	0.0	0.0
1699	3	53.79	0.0	4.36e-03	-3.91	0.0	-13.40	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.06	0.0	110.0	-13.40	-1.96	0.0	0.0	0.0	0.0
1699	4	53.79	0.0	3.77e-03	-3.91	0.0	-11.57	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.05	0.0	110.0	-11.57	-1.96	0.0	0.0	0.0	0.0
1699	5	53.79	0.0	3.77e-03	-3.91	0.0	-11.57	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.05	0.0	110.0	-11.57	-1.96	0.0	0.0	0.0	0.0
1704	1	69.92	0.0	-4.61e-03	-5.09	0.0	6.11e-03	2.54	0.0	-62.84	0.0	0.0
		0.0	0.0	-0.03	0.0	110.0	6.11e-03	-2.54	0.0	-62.84	0.0	0.0
1704	2	53.79	0.0	-3.58e-03	-3.91	0.0	4.93e-03	1.96	0.0	-50.57	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	4.93e-03	-1.96	0.0	-50.57	0.0	0.0
1704	3	53.79	0.0	-3.53e-03	-3.91	0.0	4.59e-03	1.96	0.0	-47.35	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	4.59e-03	-1.96	0.0	-47.35	0.0	0.0
1704	4	53.79	0.0	-3.42e-03	-3.91	0.0	3.93e-03	1.96	0.0	-40.89	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	3.93e-03	-1.96	0.0	-40.89	0.0	0.0
1704	5	53.79	0.0	-3.42e-03	-3.91	0.0	3.93e-03	1.96	0.0	-40.89	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	3.93e-03	-1.96	0.0	-40.89	0.0	0.0
1705	1	69.92	0.0	-3.09e-03	-5.09	0.0	-11.51	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.09	0.0	110.0	-11.51	-2.54	0.0	0.0	0.0	0.0
1705	2	53.79	0.0	-2.36e-03	-3.91	0.0	-9.25	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.07	0.0	110.0	-9.25	-1.96	0.0	0.0	0.0	0.0
1705	3	53.79	0.0	-2.39e-03	-3.91	0.0	-8.67	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.07	0.0	110.0	-8.67	-1.96	0.0	0.0	0.0	0.0
1705	4	53.79	0.0	-2.43e-03	-3.91	0.0	-7.51	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.06	0.0	110.0	-7.51	-1.96	0.0	0.0	0.0	0.0
1705	5	53.79	0.0	-2.43e-03	-3.91	0.0	-7.51	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.06	0.0	110.0	-7.51	-1.96	0.0	0.0	0.0	0.0
1716	1	46.81	0.0	-8.63e-03	-4.16	0.0	-1.73	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-7.07e-04	0.0	90.0	-1.73	-2.08	0.0	0.0	0.0	0.0
1716	2	36.01	0.0	-6.96e-03	-3.20	0.0	-1.39	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.66e-04	0.0	90.0	-1.39	-1.60	0.0	0.0	0.0	0.0
1716	3	36.01	0.0	-6.50e-03	-3.20	0.0	-1.30	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.34e-04	0.0	90.0	-1.30	-1.60	0.0	0.0	0.0	0.0
1716	4	36.01	0.0	-5.57e-03	-3.20	0.0	-1.12	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.75e-04	0.0	90.0	-1.12	-1.60	0.0	0.0	0.0	0.0
1716	5	36.01	0.0	-5.57e-03	-3.20	0.0	-1.12	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.75e-04	0.0	90.0	-1.12	-1.60	0.0	0.0	0.0	0.0
1717	1	46.81	0.0	-0.04	-4.16	0.0	-2.06	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-2.06	-2.08	0.0	0.0	0.0	0.0
1717	2	36.01	0.0	-0.03	-3.20	0.0	-1.65	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-1.65	-1.60	0.0	0.0	0.0	0.0
1717	3	36.01	0.0	-0.03	-3.20	0.0	-1.55	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	9.44e-03	0.0	90.0	-1.55	-1.60	0.0	0.0	0.0	0.0
1717	4	36.01	0.0	-0.03	-3.20	0.0	-1.33	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	8.13e-03	0.0	90.0	-1.33	-1.60	0.0	0.0	0.0	0.0
1717	5	36.01	0.0	-0.03	-3.20	0.0	-1.33	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	8.13e-03	0.0	90.0	-1.33	-1.60	0.0	0.0	0.0	0.0
1728	1	46.81	0.0	5.48e-03	-4.16	0.0	34.89	2.08	0.0	-7.76	0.0	0.0
		0.0	0.0	-1.12e-03	0.0	90.0	34.89	-2.08	0.0	-7.76	0.0	0.0
1728	2	36.01	0.0	4.38e-03	-3.20	0.0	28.04	1.60	0.0	-6.34	0.0	0.0
		0.0	0.0	-9.07e-04	0.0	90.0	28.04	-1.60	0.0	-6.34	0.0	0.0
1728	3	36.01	0.0	4.16e-03	-3.20	0.0	26.30	1.60	0.0	-5.81	0.0	0.0
		0.0	0.0	-8.37e-04	0.0	90.0	26.30	-1.60	0.0	-5.81	0.0	0.0
1728	4	36.01	0.0	3.69e-03	-3.20	0.0	22.88	1.60	0.0	-4.77	0.0	0.0
		0.0	0.0	-7.03e-04	0.0	90.0	22.88	-1.60	0.0	-4.77	0.0	0.0
1728	5	36.01	0.0	3.69e-03	-3.20	0.0	22.88	1.60	0.0	-4.77	0.0	0.0
		0.0	0.0	-7.03e-04	0.0	90.0	22.88	-1.60	0.0	-4.77	0.0	0.0
1729	1	46.81	0.0	-1.14e-03	-4.16	0.0	35.15	2.08	0.0	-2.19	0.0	0.0
		0.0	0.0	-1.70e-03	0.0	90.0	35.15	-2.08	0.0	-2.19	0.0	0.0
1729	2	36.01	0.0	-8.63e-04	-3.20	0.0	28.24	1.60	0.0	-1.76	0.0	0.0

		0.0	0.0	-1.37e-03	0.0	90.0	28.24	-1.60	0.0	-1.76	0.0	0.0
1729	3	36.01	0.0	-8.82e-04	-3.20	0.0	26.49	1.60	0.0	-1.64	0.0	0.0
		0.0	0.0	-1.28e-03	0.0	90.0	26.49	-1.60	0.0	-1.64	0.0	0.0
1729	4	36.01	0.0	-9.15e-04	-3.20	0.0	23.05	1.60	0.0	-1.42	0.0	0.0
		0.0	0.0	-1.12e-03	0.0	90.0	23.05	-1.60	0.0	-1.42	0.0	0.0
1729	5	36.01	0.0	-9.15e-04	-3.20	0.0	23.05	1.60	0.0	-1.42	0.0	0.0
		0.0	0.0	-1.12e-03	0.0	90.0	23.05	-1.60	0.0	-1.42	0.0	0.0
1734	1	27.26	0.0	-8.40e-04	-3.93	0.0	-208.57	2.34	0.07	2.01	-5.59	-31.69
		-31.69	-5.59	-7.79e-03	0.0	85.0	-208.57	-1.59	0.07	2.01	0.0	0.0
1734	2	20.69	0.0	-7.41e-04	-3.02	0.0	-166.76	1.81	0.05	1.62	-4.47	-25.12
		-25.12	-4.47	-6.27e-03	0.0	85.0	-166.76	-1.22	0.05	1.62	0.0	0.0
1734	3	21.09	0.0	-6.07e-04	-3.02	0.0	-157.61	1.79	0.05	1.51	-4.20	-24.04
		-24.04	-4.20	-5.87e-03	0.0	85.0	-157.61	-1.23	0.05	1.51	0.0	0.0
1734	4	21.96	0.0	3.86e-04	-3.02	0.0	-139.36	1.77	0.04	1.30	-3.72	-22.06
		-22.06	-3.72	-5.07e-03	0.0	85.0	-139.36	-1.25	0.04	1.30	0.0	0.0
1734	5	21.96	0.0	3.86e-04	-3.02	0.0	-139.36	1.77	0.04	1.30	-3.72	-22.06
		-22.06	-3.72	-5.07e-03	0.0	85.0	-139.36	-1.25	0.04	1.30	0.0	0.0
1735	1	19.06	0.0	-1.57e-03	-3.93	0.0	-96.12	1.33	-0.37	0.87	0.0	0.0
		-53.84	-31.67	1.87e-03	0.0	85.0	-96.12	-2.60	-0.37	0.87	-31.67	-53.84
1735	2	14.38	0.0	-1.20e-03	-3.02	0.0	-77.45	1.01	-0.30	0.70	0.0	0.0
		-42.29	-25.51	1.51e-03	0.0	85.0	-77.45	-2.01	-0.30	0.70	-25.51	-42.29
1735	3	14.78	0.0	-1.21e-03	-3.02	0.0	-72.37	1.03	-0.28	0.65	0.0	0.0
		-41.02	-23.88	1.41e-03	0.0	85.0	-72.37	-1.99	-0.28	0.65	-23.88	-41.02
1735	4	15.68	0.0	-1.23e-03	-3.02	0.0	-62.23	1.06	-0.24	0.55	0.0	0.0
		-38.46	-20.51	1.22e-03	0.0	85.0	-62.23	-1.96	-0.24	0.55	-20.51	-38.46
1735	5	15.68	0.0	-1.23e-03	-3.02	0.0	-62.23	1.06	-0.24	0.55	0.0	0.0
		-38.46	-20.51	1.22e-03	0.0	85.0	-62.23	-1.96	-0.24	0.55	-20.51	-38.46
1740	1	27.37	9.77	-3.83e-03	-3.93	0.0	-98.72	2.33	-0.11	0.26	9.77	-31.40
		-31.40	0.0	-4.55e-04	0.0	85.0	-98.72	-1.60	-0.11	0.26	0.0	0.0
1740	2	21.00	7.83	-3.25e-03	-3.02	0.0	-78.22	1.80	-0.09	0.20	7.83	-24.30
		-24.30	0.0	-3.76e-04	0.0	85.0	-78.22	-1.23	-0.09	0.20	0.0	0.0
1740	3	21.07	7.38	-2.82e-03	-3.02	0.0	-74.91	1.79	-0.09	0.20	7.38	-24.09
		-24.09	0.0	-3.39e-04	0.0	85.0	-74.91	-1.23	-0.09	0.20	0.0	0.0
1740	4	21.26	6.43	-1.96e-03	-3.02	0.0	-68.34	1.79	-0.08	0.18	6.43	-23.66
		-23.66	0.0	-2.68e-04	0.0	85.0	-68.34	-1.23	-0.08	0.18	0.0	0.0
1740	5	21.26	6.43	-1.96e-03	-3.02	0.0	-68.34	1.79	-0.08	0.18	6.43	-23.66
		-23.66	0.0	-2.68e-04	0.0	85.0	-68.34	-1.23	-0.08	0.18	0.0	0.0
1741	1	24.78	3.64	7.53e-04	-3.93	0.0	-162.16	1.51	0.04	0.87	0.0	0.0
		-38.29	0.0	-4.33e-03	0.0	85.0	-162.16	-2.42	0.04	0.87	3.64	-38.29
1741	2	18.79	2.88	7.72e-04	-3.02	0.0	-129.60	1.16	0.03	0.70	0.0	0.0
		-30.18	0.0	-3.47e-03	0.0	85.0	-129.60	-1.87	0.03	0.70	2.88	-30.18
1741	3	19.18	2.75	4.97e-04	-3.02	0.0	-122.54	1.17	0.03	0.66	0.0	0.0
		-29.15	0.0	-3.26e-03	0.0	85.0	-122.54	-1.85	0.03	0.66	2.75	-29.15
1741	4	19.93	2.54	-5.12e-04	-3.02	0.0	-108.45	1.19	0.03	0.58	0.0	0.0
		-27.14	0.0	-2.85e-03	0.0	85.0	-108.45	-1.83	0.03	0.58	2.54	-27.14
1741	5	19.93	2.54	-5.12e-04	-3.02	0.0	-108.45	1.19	0.03	0.58	0.0	0.0
		-27.14	0.0	-2.85e-03	0.0	85.0	-108.45	-1.83	0.03	0.58	2.54	-27.14
1746	1	69.92	0.0	-0.02	-5.09	0.0	0.08	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	0.08	-2.54	0.0	0.0	0.0	0.0
1746	2	53.79	0.0	-0.01	-3.91	0.0	0.07	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	0.07	-1.96	0.0	0.0	0.0	0.0
1746	3	53.79	0.0	-0.01	-3.91	0.0	0.06	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	0.06	-1.96	0.0	0.0	0.0	0.0
1746	4	53.79	0.0	-9.87e-03	-3.91	0.0	0.05	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-8.93e-03	0.0	110.0	0.05	-1.96	0.0	0.0	0.0	0.0
1746	5	53.79	0.0	-9.87e-03	-3.91	0.0	0.05	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-8.93e-03	0.0	110.0	0.05	-1.96	0.0	0.0	0.0	0.0
1747	1	69.92	0.0	0.02	-5.09	0.0	0.09	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.16	0.0	110.0	0.09	-2.54	0.0	0.0	0.0	0.0
1747	2	53.79	0.0	0.01	-3.91	0.0	0.08	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.13	0.0	110.0	0.08	-1.96	0.0	0.0	0.0	0.0
1747	3	53.79	0.0	0.01	-3.91	0.0	0.07	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.12	0.0	110.0	0.07	-1.96	0.0	0.0	0.0	0.0
1747	4	53.79	0.0	9.93e-03	-3.91	0.0	0.06	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.10	0.0	110.0	0.06	-1.96	0.0	0.0	0.0	0.0
1747	5	53.79	0.0	9.93e-03	-3.91	0.0	0.06	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.10	0.0	110.0	0.06	-1.96	0.0	0.0	0.0	0.0
1750	1	46.81	0.0	-1.36e-03	-4.16	0.0	5.84	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.87e-03	0.0	90.0	5.84	-2.08	0.0	0.0	0.0	0.0
1750	2	36.01	0.0	-1.04e-03	-3.20	0.0	4.47	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.51e-03	0.0	90.0	4.47	-1.60	0.0	0.0	0.0	0.0
1750	3	36.01	0.0	-1.05e-03	-3.20	0.0	4.24	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.41e-03	0.0	90.0	4.24	-1.60	0.0	0.0	0.0	0.0
1750	4	36.01	0.0	-1.07e-03	-3.20	0.0	4.69	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.21e-03	0.0	90.0	4.69	-1.60	0.0	0.0	0.0	0.0
1750	5	36.01	0.0	-1.07e-03	-3.20	0.0	4.69	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.21e-03	0.0	90.0	4.69	-1.60	0.0	0.0	0.0	0.0

1752	1	7.83	-17.27	-5.52e-03	-4.16	0.0	-60.93	2.49	0.16	0.87	-31.67	-59.07
		-59.07	-31.67	-5.91e-03	0.0	90.0	-60.93	-1.67	0.16	0.87	-17.27	-22.24
1752	2	5.74	-13.88	-4.45e-03	-3.20	0.0	-48.14	1.93	0.13	0.70	-25.51	-46.64
		-46.64	-25.51	-4.76e-03	0.0	90.0	-48.14	-1.27	0.13	0.70	-13.88	-16.84
1752	3	6.15	-13.00	-4.15e-03	-3.20	0.0	-46.29	1.91	0.12	0.65	-23.88	-44.89
		-44.89	-23.88	-4.45e-03	0.0	90.0	-46.29	-1.29	0.12	0.65	-13.00	-17.23
1752	4	7.20	-11.29	-3.57e-03	-3.20	0.0	-42.65	1.86	0.10	0.55	-20.51	-41.42
		-41.42	-20.51	-3.83e-03	0.0	90.0	-42.65	-1.34	0.10	0.55	-11.29	-18.00
1752	5	7.20	-11.29	-3.57e-03	-3.20	0.0	-42.65	1.86	0.10	0.55	-20.51	-41.42
		-41.42	-20.51	-3.83e-03	0.0	90.0	-42.65	-1.34	0.10	0.55	-11.29	-18.00
1753	1	69.92	0.0	0.01	-5.09	0.0	-13.74	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.16	0.0	110.0	-13.74	-2.54	0.0	0.0	0.0	0.0
1753	2	53.79	0.0	9.13e-03	-3.91	0.0	-11.06	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.13	0.0	110.0	-11.06	-1.96	0.0	0.0	0.0	0.0
1753	3	53.79	0.0	8.55e-03	-3.91	0.0	-10.35	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.12	0.0	110.0	-10.35	-1.96	0.0	0.0	0.0	0.0
1753	4	53.79	0.0	7.38e-03	-3.91	0.0	-8.92	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.11	0.0	110.0	-8.92	-1.96	0.0	0.0	0.0	0.0
1753	5	53.79	0.0	7.38e-03	-3.91	0.0	-8.92	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.11	0.0	110.0	-8.92	-1.96	0.0	0.0	0.0	0.0
1754	1	69.92	0.0	-0.06	-5.09	0.0	-390.96	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-3.97e-03	0.0	110.0	-390.96	-2.54	0.0	0.0	0.0	0.0
1754	2	53.79	0.0	-0.05	-3.91	0.0	-315.71	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.20e-03	0.0	110.0	-315.71	-1.96	0.0	0.0	0.0	0.0
1754	3	53.79	0.0	-0.05	-3.91	0.0	-294.07	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.99e-03	0.0	110.0	-294.07	-1.96	0.0	0.0	0.0	0.0
1754	4	53.79	0.0	-0.04	-3.91	0.0	-250.77	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.57e-03	0.0	110.0	-250.77	-1.96	0.0	0.0	0.0	0.0
1754	5	53.79	0.0	-0.04	-3.91	0.0	-250.77	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.57e-03	0.0	110.0	-250.77	-1.96	0.0	0.0	0.0	0.0
1755	1	69.92	0.0	0.08	-5.09	0.0	-356.45	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-1.68e-03	0.0	110.0	-356.45	-2.54	0.0	0.0	0.0	0.0
1755	2	53.79	0.0	0.06	-3.91	0.0	-287.79	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.35e-03	0.0	110.0	-287.79	-1.96	0.0	0.0	0.0	0.0
1755	3	53.79	0.0	0.06	-3.91	0.0	-268.17	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.28e-03	0.0	110.0	-268.17	-1.96	0.0	0.0	0.0	0.0
1755	4	53.79	0.0	0.05	-3.91	0.0	-228.97	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.10e-03	0.0	110.0	-228.97	-1.96	0.0	0.0	0.0	0.0
1755	5	53.79	0.0	0.05	-3.91	0.0	-228.97	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.10e-03	0.0	110.0	-228.97	-1.96	0.0	0.0	0.0	0.0
1768	1	69.92	0.0	9.72e-03	-5.09	0.0	-26.03	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.22	0.0	110.0	-26.03	-2.54	0.0	0.0	0.0	0.0
1768	2	53.79	0.0	7.81e-03	-3.91	0.0	-20.93	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.17	0.0	110.0	-20.93	-1.96	0.0	0.0	0.0	0.0
1768	3	53.79	0.0	7.33e-03	-3.91	0.0	-19.62	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.16	0.0	110.0	-19.62	-1.96	0.0	0.0	0.0	0.0
1768	4	53.79	0.0	6.35e-03	-3.91	0.0	-16.99	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.14	0.0	110.0	-16.99	-1.96	0.0	0.0	0.0	0.0
1768	5	53.79	0.0	6.35e-03	-3.91	0.0	-16.99	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.14	0.0	110.0	-16.99	-1.96	0.0	0.0	0.0	0.0
1771	1	69.92	0.0	-2.62e-03	-5.09	0.0	-5.59	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.08	0.0	110.0	-5.59	-2.54	0.0	0.0	0.0	0.0
1771	2	53.79	0.0	-1.98e-03	-3.91	0.0	-4.49	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.06	0.0	110.0	-4.49	-1.96	0.0	0.0	0.0	0.0
1771	3	53.79	0.0	-2.03e-03	-3.91	0.0	-4.22	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.06	0.0	110.0	-4.22	-1.96	0.0	0.0	0.0	0.0
1771	4	53.79	0.0	-2.12e-03	-3.91	0.0	-3.68	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.05	0.0	110.0	-3.68	-1.96	0.0	0.0	0.0	0.0
1771	5	53.79	0.0	-2.12e-03	-3.91	0.0	-3.68	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.05	0.0	110.0	-3.68	-1.96	0.0	0.0	0.0	0.0
1772	1	69.92	0.0	7.38e-03	-5.09	0.0	-8.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.20	0.0	110.0	-8.85	-2.54	0.0	0.0	0.0	0.0
1772	2	53.79	0.0	5.93e-03	-3.91	0.0	-7.10	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.16	0.0	110.0	-7.10	-1.96	0.0	0.0	0.0	0.0
1772	3	53.79	0.0	5.56e-03	-3.91	0.0	-6.67	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.15	0.0	110.0	-6.67	-1.96	0.0	0.0	0.0	0.0
1772	4	53.79	0.0	4.84e-03	-3.91	0.0	-5.83	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.13	0.0	110.0	-5.83	-1.96	0.0	0.0	0.0	0.0
1772	5	53.79	0.0	4.84e-03	-3.91	0.0	-5.83	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.13	0.0	110.0	-5.83	-1.96	0.0	0.0	0.0	0.0
1798	1	46.81	0.0	-0.01	-4.16	0.0	-24.95	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-4.53e-03	0.0	90.0	-24.95	-2.08	0.0	0.0	0.0	0.0
1798	2	36.01	0.0	-0.01	-3.20	0.0	-20.16	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.66e-03	0.0	90.0	-20.16	-1.60	0.0	0.0	0.0	0.0
1798	3	36.01	0.0	-0.01	-3.20	0.0	-18.69	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.41e-03	0.0	90.0	-18.69	-1.60	0.0	0.0	0.0	0.0
1798	4	36.01	0.0	-8.87e-03	-3.20	0.0	-15.53	1.60	0.0	0.0	0.0	0.0

		0.0	0.0	-2.92e-03	0.0	90.0	-15.53	-1.60	0.0	0.0	0.0	0.0
1798	5	36.01	0.0	-8.87e-03	-3.20	0.0	-15.53	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.92e-03	0.0	90.0	-15.53	-1.60	0.0	0.0	0.0	0.0
1800	1	46.81	0.0	-3.99e-03	-4.16	0.0	-22.73	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-5.64e-03	0.0	90.0	-22.73	-2.08	0.0	0.0	0.0	0.0
1800	2	36.01	0.0	-3.20e-03	-3.20	0.0	-18.30	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.56e-03	0.0	90.0	-18.30	-1.60	0.0	0.0	0.0	0.0
1800	3	36.01	0.0	-3.01e-03	-3.20	0.0	-16.95	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.24e-03	0.0	90.0	-16.95	-1.60	0.0	0.0	0.0	0.0
1800	4	36.01	0.0	-2.63e-03	-3.20	0.0	-14.01	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.60e-03	0.0	90.0	-14.01	-1.60	0.0	0.0	0.0	0.0
1800	5	36.01	0.0	-2.63e-03	-3.20	0.0	-14.01	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.60e-03	0.0	90.0	-14.01	-1.60	0.0	0.0	0.0	0.0
1801	1	46.81	0.0	-2.81e-03	-4.16	0.0	-25.49	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-3.25e-03	0.0	90.0	-25.49	-2.08	0.0	0.0	0.0	0.0
1801	2	36.01	0.0	-2.22e-03	-3.20	0.0	-20.48	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.63e-03	0.0	90.0	-20.48	-1.60	0.0	0.0	0.0	0.0
1801	3	36.01	0.0	-2.14e-03	-3.20	0.0	-18.96	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.46e-03	0.0	90.0	-18.96	-1.60	0.0	0.0	0.0	0.0
1801	4	36.01	0.0	-1.98e-03	-3.20	0.0	-15.73	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.10e-03	0.0	90.0	-15.73	-1.60	0.0	0.0	0.0	0.0
1801	5	36.01	0.0	-1.98e-03	-3.20	0.0	-15.73	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.10e-03	0.0	90.0	-15.73	-1.60	0.0	0.0	0.0	0.0
1803	1	46.81	0.0	-2.90e-03	-4.16	0.0	-32.60	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-3.74e-04	0.0	90.0	-32.60	-2.08	0.0	0.0	0.0	0.0
1803	2	36.01	0.0	-2.28e-03	-3.20	0.0	-26.53	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.98e-04	0.0	90.0	-26.53	-1.60	0.0	0.0	0.0	0.0
1803	3	36.01	0.0	-2.21e-03	-3.20	0.0	-24.59	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.93e-04	0.0	90.0	-24.59	-1.60	0.0	0.0	0.0	0.0
1803	4	36.01	0.0	-2.06e-03	-3.20	0.0	-20.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.84e-04	0.0	90.0	-20.43	-1.60	0.0	0.0	0.0	0.0
1803	5	36.01	0.0	-2.06e-03	-3.20	0.0	-20.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.84e-04	0.0	90.0	-20.43	-1.60	0.0	0.0	0.0	0.0
1810	1	69.92	0.0	0.01	-5.09	0.0	-7.60	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.15	0.0	110.0	-7.60	-2.54	0.0	0.0	0.0	0.0
1810	2	53.79	0.0	0.01	-3.91	0.0	-6.10	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.12	0.0	110.0	-6.10	-1.96	0.0	0.0	0.0	0.0
1810	3	53.79	0.0	9.69e-03	-3.91	0.0	-5.73	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.11	0.0	110.0	-5.73	-1.96	0.0	0.0	0.0	0.0
1810	4	53.79	0.0	8.41e-03	-3.91	0.0	-5.00	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.10	0.0	110.0	-5.00	-1.96	0.0	0.0	0.0	0.0
1810	5	53.79	0.0	8.41e-03	-3.91	0.0	-5.00	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.10	0.0	110.0	-5.00	-1.96	0.0	0.0	0.0	0.0
1811	1	69.92	0.0	-0.07	-5.09	0.0	-382.70	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-4.36e-03	0.0	110.0	-382.70	-2.54	0.0	0.0	0.0	0.0
1811	2	53.79	0.0	-0.05	-3.91	0.0	-308.80	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.51e-03	0.0	110.0	-308.80	-1.96	0.0	0.0	0.0	0.0
1811	3	53.79	0.0	-0.05	-3.91	0.0	-288.00	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.29e-03	0.0	110.0	-288.00	-1.96	0.0	0.0	0.0	0.0
1811	4	53.79	0.0	-0.04	-3.91	0.0	-246.38	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.82e-03	0.0	110.0	-246.38	-1.96	0.0	0.0	0.0	0.0
1811	5	53.79	0.0	-0.04	-3.91	0.0	-246.38	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.82e-03	0.0	110.0	-246.38	-1.96	0.0	0.0	0.0	0.0
1812	1	69.92	0.0	0.07	-5.09	0.0	-373.76	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-1.53e-03	0.0	110.0	-373.76	-2.54	0.0	0.0	0.0	0.0
1812	2	53.79	0.0	0.06	-3.91	0.0	-301.63	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.23e-03	0.0	110.0	-301.63	-1.96	0.0	0.0	0.0	0.0
1812	3	53.79	0.0	0.05	-3.91	0.0	-281.23	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.17e-03	0.0	110.0	-281.23	-1.96	0.0	0.0	0.0	0.0
1812	4	53.79	0.0	0.05	-3.91	0.0	-240.63	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-9.99e-04	0.0	110.0	-240.63	-1.96	0.0	0.0	0.0	0.0
1812	5	53.79	0.0	0.05	-3.91	0.0	-240.63	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-9.99e-04	0.0	110.0	-240.63	-1.96	0.0	0.0	0.0	0.0
1813	1	69.92	0.0	-0.02	-5.09	0.0	-0.22	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-9.63e-03	0.0	110.0	-0.22	-2.54	0.0	0.0	0.0	0.0
1813	2	53.79	0.0	-0.01	-3.91	0.0	-0.17	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-7.75e-03	0.0	110.0	-0.17	-1.96	0.0	0.0	0.0	0.0
1813	3	53.79	0.0	-0.01	-3.91	0.0	-0.16	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-7.26e-03	0.0	110.0	-0.16	-1.96	0.0	0.0	0.0	0.0
1813	4	53.79	0.0	-0.01	-3.91	0.0	-0.15	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-6.27e-03	0.0	110.0	-0.15	-1.96	0.0	0.0	0.0	0.0
1813	5	53.79	0.0	-0.01	-3.91	0.0	-0.15	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-6.27e-03	0.0	110.0	-0.15	-1.96	0.0	0.0	0.0	0.0
1818	1	69.92	0.0	0.02	-5.09	0.0	-0.46	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.05	0.0	110.0	-0.46	-2.54	0.0	0.0	0.0	0.0
1818	2	53.79	0.0	0.01	-3.91	0.0	-0.37	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.04	0.0	110.0	-0.37	-1.96	0.0	0.0	0.0	0.0

1818	3	53.79	0.0	0.01	-3.91	0.0	-0.34	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.04	0.0	110.0	-0.34	-1.96	0.0	0.0	0.0	0.0
1818	4	53.79	0.0	0.01	-3.91	0.0	-0.30	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.03	0.0	110.0	-0.30	-1.96	0.0	0.0	0.0	0.0
1818	5	53.79	0.0	0.01	-3.91	0.0	-0.30	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.03	0.0	110.0	-0.30	-1.96	0.0	0.0	0.0	0.0
1819	1	46.81	0.0	-0.02	-4.16	0.0	-21.95	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-3.22e-03	0.0	90.0	-21.95	-2.08	0.0	0.0	0.0	0.0
1819	2	36.01	0.0	-0.02	-3.20	0.0	-17.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.60e-03	0.0	90.0	-17.77	-1.60	0.0	0.0	0.0	0.0
1819	3	36.01	0.0	-0.02	-3.20	0.0	-16.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.43e-03	0.0	90.0	-16.42	-1.60	0.0	0.0	0.0	0.0
1819	4	36.01	0.0	-0.02	-3.20	0.0	-13.70	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.09e-03	0.0	90.0	-13.70	-1.60	0.0	0.0	0.0	0.0
1819	5	36.01	0.0	-0.02	-3.20	0.0	-13.70	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.09e-03	0.0	90.0	-13.70	-1.60	0.0	0.0	0.0	0.0
1820	1	46.81	0.0	-0.01	-4.16	0.0	-22.43	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-7.69e-04	0.0	90.0	-22.43	-2.08	0.0	0.0	0.0	0.0
1820	2	36.01	0.0	-0.01	-3.20	0.0	-18.05	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.12e-04	0.0	90.0	-18.05	-1.60	0.0	0.0	0.0	0.0
1820	3	36.01	0.0	-0.01	-3.20	0.0	-16.63	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.83e-04	0.0	90.0	-16.63	-1.60	0.0	0.0	0.0	0.0
1820	4	36.01	0.0	-8.50e-03	-3.20	0.0	-13.82	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.33e-04	0.0	90.0	-13.82	-1.60	0.0	0.0	0.0	0.0
1820	5	36.01	0.0	-8.50e-03	-3.20	0.0	-13.82	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.33e-04	0.0	90.0	-13.82	-1.60	0.0	0.0	0.0	0.0
1821	1	46.81	0.0	-4.16e-03	-4.16	0.0	-21.61	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	1.42e-04	0.0	90.0	-21.61	-2.08	0.0	0.0	0.0	0.0
1821	2	36.01	0.0	-3.35e-03	-3.20	0.0	-17.39	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	1.37e-04	0.0	90.0	-17.39	-1.60	0.0	0.0	0.0	0.0
1821	3	36.01	0.0	-3.13e-03	-3.20	0.0	-16.01	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	1.01e-04	0.0	90.0	-16.01	-1.60	0.0	0.0	0.0	0.0
1821	4	36.01	0.0	-2.73e-03	-3.20	0.0	-13.31	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	2.45e-05	0.0	90.0	-13.31	-1.60	0.0	0.0	0.0	0.0
1821	5	36.01	0.0	-2.73e-03	-3.20	0.0	-13.31	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	2.45e-05	0.0	90.0	-13.31	-1.60	0.0	0.0	0.0	0.0
1822	1	46.81	0.0	-2.90e-03	-4.16	0.0	-25.50	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.18e-03	0.0	90.0	-25.50	-2.08	0.0	0.0	0.0	0.0
1822	2	36.01	0.0	-2.29e-03	-3.20	0.0	-20.55	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.75e-03	0.0	90.0	-20.55	-1.60	0.0	0.0	0.0	0.0
1822	3	36.01	0.0	-2.20e-03	-3.20	0.0	-18.95	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.64e-03	0.0	90.0	-18.95	-1.60	0.0	0.0	0.0	0.0
1822	4	36.01	0.0	-2.03e-03	-3.20	0.0	-15.82	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.42e-03	0.0	90.0	-15.82	-1.60	0.0	0.0	0.0	0.0
1822	5	36.01	0.0	-2.03e-03	-3.20	0.0	-15.82	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.42e-03	0.0	90.0	-15.82	-1.60	0.0	0.0	0.0	0.0
1823	1	46.81	0.0	-3.09e-03	-4.16	0.0	-33.56	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-4.75e-03	0.0	90.0	-33.56	-2.08	0.0	0.0	0.0	0.0
1823	2	36.01	0.0	-2.44e-03	-3.20	0.0	-27.44	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.87e-03	0.0	90.0	-27.44	-1.60	0.0	0.0	0.0	0.0
1823	3	36.01	0.0	-2.35e-03	-3.20	0.0	-25.37	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.60e-03	0.0	90.0	-25.37	-1.60	0.0	0.0	0.0	0.0
1823	4	36.01	0.0	-2.18e-03	-3.20	0.0	-21.16	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.05e-03	0.0	90.0	-21.16	-1.60	0.0	0.0	0.0	0.0
1823	5	36.01	0.0	-2.18e-03	-3.20	0.0	-21.16	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.05e-03	0.0	90.0	-21.16	-1.60	0.0	0.0	0.0	0.0
1824	1	46.81	0.0	-1.85e-03	-4.16	0.0	-34.38	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.16e-03	0.0	90.0	-34.38	-2.08	0.0	0.0	0.0	0.0
1824	2	36.01	0.0	-1.43e-03	-3.20	0.0	-28.10	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.74e-03	0.0	90.0	-28.10	-1.60	0.0	0.0	0.0	0.0
1824	3	36.01	0.0	-1.42e-03	-3.20	0.0	-25.98	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.62e-03	0.0	90.0	-25.98	-1.60	0.0	0.0	0.0	0.0
1824	4	36.01	0.0	-1.40e-03	-3.20	0.0	-21.68	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.39e-03	0.0	90.0	-21.68	-1.60	0.0	0.0	0.0	0.0
1824	5	36.01	0.0	-1.40e-03	-3.20	0.0	-21.68	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.39e-03	0.0	90.0	-21.68	-1.60	0.0	0.0	0.0	0.0
1825	1	46.81	0.0	1.43e-03	-4.16	0.0	-35.87	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	4.47e-05	0.0	90.0	-35.87	-2.08	0.0	0.0	0.0	0.0
1825	2	36.01	0.0	1.14e-03	-3.20	0.0	-29.22	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	5.18e-05	0.0	90.0	-29.22	-1.60	0.0	0.0	0.0	0.0
1825	3	36.01	0.0	1.08e-03	-3.20	0.0	-27.02	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	3.11e-05	0.0	90.0	-27.02	-1.60	0.0	0.0	0.0	0.0
1825	4	36.01	0.0	9.55e-04	-3.20	0.0	-22.45	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.70e-05	0.0	90.0	-22.45	-1.60	0.0	0.0	0.0	0.0
1825	5	36.01	0.0	9.55e-04	-3.20	0.0	-22.45	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.70e-05	0.0	90.0	-22.45	-1.60	0.0	0.0	0.0	0.0
1826	1	46.81	0.0	-3.16e-03	-4.16	0.0	-38.75	2.08	0.0	0.0	0.0	0.0



		0.0	0.0	-1.68e-03	0.0	90.0	-38.75	-2.08	0.0	0.0	0.0	0.0
1826	2	36.01	0.0	-2.50e-03	-3.20	0.0	-31.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.35e-03	0.0	90.0	-31.42	-1.60	0.0	0.0	0.0	0.0
1826	3	36.01	0.0	-2.40e-03	-3.20	0.0	-29.11	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.26e-03	0.0	90.0	-29.11	-1.60	0.0	0.0	0.0	0.0
1826	4	36.01	0.0	-2.21e-03	-3.20	0.0	-24.41	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.08e-03	0.0	90.0	-24.41	-1.60	0.0	0.0	0.0	0.0
1826	5	36.01	0.0	-2.21e-03	-3.20	0.0	-24.41	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.08e-03	0.0	90.0	-24.41	-1.60	0.0	0.0	0.0	0.0
1827	1	46.81	0.0	-7.85e-03	-4.16	0.0	-43.74	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-3.90e-03	0.0	90.0	-43.74	-2.08	0.0	0.0	0.0	0.0
1827	2	36.01	0.0	-6.32e-03	-3.20	0.0	-35.31	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.15e-03	0.0	90.0	-35.31	-1.60	0.0	0.0	0.0	0.0
1827	3	36.01	0.0	-5.91e-03	-3.20	0.0	-32.79	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.93e-03	0.0	90.0	-32.79	-1.60	0.0	0.0	0.0	0.0
1827	4	36.01	0.0	-5.09e-03	-3.20	0.0	-27.89	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.52e-03	0.0	90.0	-27.89	-1.60	0.0	0.0	0.0	0.0
1827	5	36.01	0.0	-5.09e-03	-3.20	0.0	-27.89	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.52e-03	0.0	90.0	-27.89	-1.60	0.0	0.0	0.0	0.0
1828	1	46.81	0.0	-0.01	-4.16	0.0	-41.27	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.33e-03	0.0	90.0	-41.27	-2.08	0.0	0.0	0.0	0.0
1828	2	36.01	0.0	-9.11e-03	-3.20	0.0	-33.31	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.07e-03	0.0	90.0	-33.31	-1.60	0.0	0.0	0.0	0.0
1828	3	36.01	0.0	-8.50e-03	-3.20	0.0	-30.93	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.01e-03	0.0	90.0	-30.93	-1.60	0.0	0.0	0.0	0.0
1828	4	36.01	0.0	-7.29e-03	-3.20	0.0	-26.37	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.57e-04	0.0	90.0	-26.37	-1.60	0.0	0.0	0.0	0.0
1828	5	36.01	0.0	-7.29e-03	-3.20	0.0	-26.37	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.57e-04	0.0	90.0	-26.37	-1.60	0.0	0.0	0.0	0.0
1829	1	46.81	0.0	-0.01	-4.16	0.0	-38.44	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	1.17e-03	0.0	90.0	-38.44	-2.08	0.0	0.0	0.0	0.0
1829	2	36.01	0.0	-0.01	-3.20	0.0	-31.01	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	9.56e-04	0.0	90.0	-31.01	-1.60	0.0	0.0	0.0	0.0
1829	3	36.01	0.0	-9.39e-03	-3.20	0.0	-28.79	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	8.74e-04	0.0	90.0	-28.79	-1.60	0.0	0.0	0.0	0.0
1829	4	36.01	0.0	-8.05e-03	-3.20	0.0	-24.57	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	7.13e-04	0.0	90.0	-24.57	-1.60	0.0	0.0	0.0	0.0
1829	5	36.01	0.0	-8.05e-03	-3.20	0.0	-24.57	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	7.13e-04	0.0	90.0	-24.57	-1.60	0.0	0.0	0.0	0.0
1830	1	46.81	0.0	5.24e-03	-4.16	0.0	-36.55	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.70e-03	0.0	90.0	-36.55	-2.08	0.0	0.0	0.0	0.0
1830	2	36.01	0.0	4.23e-03	-3.20	0.0	-29.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.37e-03	0.0	90.0	-29.43	-1.60	0.0	0.0	0.0	0.0
1830	3	36.01	0.0	3.94e-03	-3.20	0.0	-27.36	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.29e-03	0.0	90.0	-27.36	-1.60	0.0	0.0	0.0	0.0
1830	4	36.01	0.0	3.36e-03	-3.20	0.0	-23.29	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.12e-03	0.0	90.0	-23.29	-1.60	0.0	0.0	0.0	0.0
1830	5	36.01	0.0	3.36e-03	-3.20	0.0	-23.29	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.12e-03	0.0	90.0	-23.29	-1.60	0.0	0.0	0.0	0.0
1831	1	46.81	0.0	0.01	-4.16	0.0	-36.32	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-3.21e-03	0.0	90.0	-36.32	-2.08	0.0	0.0	0.0	0.0
1831	2	36.01	0.0	0.01	-3.20	0.0	-29.24	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.60e-03	0.0	90.0	-29.24	-1.60	0.0	0.0	0.0	0.0
1831	3	36.01	0.0	0.01	-3.20	0.0	-27.19	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.42e-03	0.0	90.0	-27.19	-1.60	0.0	0.0	0.0	0.0
1831	4	36.01	0.0	9.47e-03	-3.20	0.0	-23.18	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.06e-03	0.0	90.0	-23.18	-1.60	0.0	0.0	0.0	0.0
1831	5	36.01	0.0	9.47e-03	-3.20	0.0	-23.18	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.06e-03	0.0	90.0	-23.18	-1.60	0.0	0.0	0.0	0.0
1832	1	46.81	0.0	4.75e-03	-4.16	0.0	-32.17	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-7.15e-03	0.0	90.0	-32.17	-2.08	0.0	0.0	0.0	0.0
1832	2	36.01	0.0	3.87e-03	-3.20	0.0	-25.94	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.78e-03	0.0	90.0	-25.94	-1.60	0.0	0.0	0.0	0.0
1832	3	36.01	0.0	3.55e-03	-3.20	0.0	-24.11	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.38e-03	0.0	90.0	-24.11	-1.60	0.0	0.0	0.0	0.0
1832	4	36.01	0.0	2.92e-03	-3.20	0.0	-20.46	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.57e-03	0.0	90.0	-20.46	-1.60	0.0	0.0	0.0	0.0
1832	5	36.01	0.0	2.92e-03	-3.20	0.0	-20.46	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.57e-03	0.0	90.0	-20.46	-1.60	0.0	0.0	0.0	0.0
1833	1	46.81	0.0	-1.19e-03	-4.16	0.0	-30.03	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-5.89e-03	0.0	90.0	-30.03	-2.08	0.0	0.0	0.0	0.0
1833	2	36.01	0.0	-8.66e-04	-3.20	0.0	-24.21	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.76e-03	0.0	90.0	-24.21	-1.60	0.0	0.0	0.0	0.0
1833	3	36.01	0.0	-9.33e-04	-3.20	0.0	-22.47	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.44e-03	0.0	90.0	-22.47	-1.60	0.0	0.0	0.0	0.0
1833	4	36.01	0.0	-1.07e-03	-3.20	0.0	-19.02	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.80e-03	0.0	90.0	-19.02	-1.60	0.0	0.0	0.0	0.0

1833	5	36.01	0.0	-1.07e-03	-3.20	0.0	-19.02	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.80e-03	0.0	90.0	-19.02	-1.60	0.0	0.0	0.0	0.0
1834	1	46.81	0.0	7.36e-03	-4.16	0.0	-24.31	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-6.11e-03	0.0	90.0	-24.31	-2.08	0.0	0.0	0.0	0.0
1834	2	36.01	0.0	6.04e-03	-3.20	0.0	-19.69	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.92e-03	0.0	90.0	-19.69	-1.60	0.0	0.0	0.0	0.0
1834	3	36.01	0.0	5.50e-03	-3.20	0.0	-18.29	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.61e-03	0.0	90.0	-18.29	-1.60	0.0	0.0	0.0	0.0
1834	4	36.01	0.0	4.42e-03	-3.20	0.0	-15.61	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.97e-03	0.0	90.0	-15.61	-1.60	0.0	0.0	0.0	0.0
1834	5	36.01	0.0	4.42e-03	-3.20	0.0	-15.61	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.97e-03	0.0	90.0	-15.61	-1.60	0.0	0.0	0.0	0.0
1835	1	46.81	0.0	-0.03	-4.16	0.0	-93.82	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-4.08e-03	0.0	90.0	-93.82	-2.08	0.0	0.0	0.0	0.0
1835	2	36.01	0.0	-0.02	-3.20	0.0	-75.71	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.29e-03	0.0	90.0	-75.71	-1.60	0.0	0.0	0.0	0.0
1835	3	36.01	0.0	-0.02	-3.20	0.0	-70.32	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.08e-03	0.0	90.0	-70.32	-1.60	0.0	0.0	0.0	0.0
1835	4	36.01	0.0	-0.02	-3.20	0.0	-60.09	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.65e-03	0.0	90.0	-60.09	-1.60	0.0	0.0	0.0	0.0
1835	5	36.01	0.0	-0.02	-3.20	0.0	-60.09	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.65e-03	0.0	90.0	-60.09	-1.60	0.0	0.0	0.0	0.0
1836	1	46.81	0.0	-0.02	-4.16	0.0	-75.54	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.37e-03	0.0	90.0	-75.54	-2.08	0.0	0.0	0.0	0.0
1836	2	36.01	0.0	-0.02	-3.20	0.0	-61.13	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.10e-03	0.0	90.0	-61.13	-1.60	0.0	0.0	0.0	0.0
1836	3	36.01	0.0	-0.01	-3.20	0.0	-56.65	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.04e-03	0.0	90.0	-56.65	-1.60	0.0	0.0	0.0	0.0
1836	4	36.01	0.0	-0.01	-3.20	0.0	-48.13	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.22e-04	0.0	90.0	-48.13	-1.60	0.0	0.0	0.0	0.0
1836	5	36.01	0.0	-0.01	-3.20	0.0	-48.13	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.22e-04	0.0	90.0	-48.13	-1.60	0.0	0.0	0.0	0.0
1837	1	46.81	0.0	-6.89e-03	-4.16	0.0	-56.97	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	1.17e-03	0.0	90.0	-56.97	-2.08	0.0	0.0	0.0	0.0
1837	2	36.01	0.0	-5.63e-03	-3.20	0.0	-46.35	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	9.60e-04	0.0	90.0	-46.35	-1.60	0.0	0.0	0.0	0.0
1837	3	36.01	0.0	-5.16e-03	-3.20	0.0	-43.01	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	8.79e-04	0.0	90.0	-43.01	-1.60	0.0	0.0	0.0	0.0
1837	4	36.01	0.0	-4.18e-03	-3.20	0.0	-36.58	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	7.01e-04	0.0	90.0	-36.58	-1.60	0.0	0.0	0.0	0.0
1837	5	36.01	0.0	-4.18e-03	-3.20	0.0	-36.58	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	7.01e-04	0.0	90.0	-36.58	-1.60	0.0	0.0	0.0	0.0
1838	1	46.81	0.0	-4.23e-03	-4.16	0.0	-52.17	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.35e-03	0.0	90.0	-52.17	-2.08	0.0	0.0	0.0	0.0
1838	2	36.01	0.0	-3.39e-03	-3.20	0.0	-42.55	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.89e-03	0.0	90.0	-42.55	-1.60	0.0	0.0	0.0	0.0
1838	3	36.01	0.0	-3.19e-03	-3.20	0.0	-39.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.77e-03	0.0	90.0	-39.42	-1.60	0.0	0.0	0.0	0.0
1838	4	36.01	0.0	-2.81e-03	-3.20	0.0	-33.30	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.53e-03	0.0	90.0	-33.30	-1.60	0.0	0.0	0.0	0.0
1838	5	36.01	0.0	-2.81e-03	-3.20	0.0	-33.30	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.53e-03	0.0	90.0	-33.30	-1.60	0.0	0.0	0.0	0.0
1839	1	46.81	0.0	-4.14e-03	-4.16	0.0	-45.72	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-6.01e-03	0.0	90.0	-45.72	-2.08	0.0	0.0	0.0	0.0
1839	2	36.01	0.0	-3.28e-03	-3.20	0.0	-37.34	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.88e-03	0.0	90.0	-37.34	-1.60	0.0	0.0	0.0	0.0
1839	3	36.01	0.0	-3.13e-03	-3.20	0.0	-34.62	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.54e-03	0.0	90.0	-34.62	-1.60	0.0	0.0	0.0	0.0
1839	4	36.01	0.0	-2.87e-03	-3.20	0.0	-29.18	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.85e-03	0.0	90.0	-29.18	-1.60	0.0	0.0	0.0	0.0
1839	5	36.01	0.0	-2.87e-03	-3.20	0.0	-29.18	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.85e-03	0.0	90.0	-29.18	-1.60	0.0	0.0	0.0	0.0
1840	1	46.81	0.0	-2.76e-03	-4.16	0.0	-37.47	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.50e-03	0.0	90.0	-37.47	-2.08	0.0	0.0	0.0	0.0
1840	2	36.01	0.0	-2.17e-03	-3.20	0.0	-30.33	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.01e-03	0.0	90.0	-30.33	-1.60	0.0	0.0	0.0	0.0
1840	3	36.01	0.0	-2.11e-03	-3.20	0.0	-28.24	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.88e-03	0.0	90.0	-28.24	-1.60	0.0	0.0	0.0	0.0
1840	4	36.01	0.0	-1.97e-03	-3.20	0.0	-24.01	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.61e-03	0.0	90.0	-24.01	-1.60	0.0	0.0	0.0	0.0
1840	5	36.01	0.0	-1.97e-03	-3.20	0.0	-24.01	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.61e-03	0.0	90.0	-24.01	-1.60	0.0	0.0	0.0	0.0
1841	1	46.81	0.0	3.16e-03	-4.16	0.0	-24.10	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	1.50e-03	0.0	90.0	-24.10	-2.08	0.0	0.0	0.0	0.0
1841	2	36.01	0.0	2.52e-03	-3.20	0.0	-18.97	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	1.22e-03	0.0	90.0	-18.97	-1.60	0.0	0.0	0.0	0.0
1841	3	36.01	0.0	2.40e-03	-3.20	0.0	-17.66	1.60	0.0	0.0	0.0	0.0

		0.0	0.0	1.12e-03	0.0	90.0	-17.66	-1.60	0.0	0.0	0.0	0.0
1841	4	36.01	0.0	2.13e-03	-3.20	0.0	-15.31	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	9.06e-04	0.0	90.0	-15.31	-1.60	0.0	0.0	0.0	0.0
1841	5	36.01	0.0	2.13e-03	-3.20	0.0	-15.31	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	9.06e-04	0.0	90.0	-15.31	-1.60	0.0	0.0	0.0	0.0
1842	1	46.81	0.0	-2.69e-03	-4.16	0.0	-10.86	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.68e-03	0.0	90.0	-10.86	-2.08	0.0	0.0	0.0	0.0
1842	2	36.01	0.0	-2.12e-03	-3.20	0.0	-8.78	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.35e-03	0.0	90.0	-8.78	-1.60	0.0	0.0	0.0	0.0
1842	3	36.01	0.0	-2.05e-03	-3.20	0.0	-7.82	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.26e-03	0.0	90.0	-7.82	-1.60	0.0	0.0	0.0	0.0
1842	4	36.01	0.0	-1.91e-03	-3.20	0.0	-6.06	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.08e-03	0.0	90.0	-6.06	-1.60	0.0	0.0	0.0	0.0
1842	5	36.01	0.0	-1.91e-03	-3.20	0.0	-6.06	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.08e-03	0.0	90.0	-6.06	-1.60	0.0	0.0	0.0	0.0
1843	1	46.81	0.0	-7.54e-03	-4.16	0.0	-14.18	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-5.13e-03	0.0	90.0	-14.18	-2.08	0.0	0.0	0.0	0.0
1843	2	36.01	0.0	-6.06e-03	-3.20	0.0	-11.47	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.14e-03	0.0	90.0	-11.47	-1.60	0.0	0.0	0.0	0.0
1843	3	36.01	0.0	-5.68e-03	-3.20	0.0	-10.48	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.85e-03	0.0	90.0	-10.48	-1.60	0.0	0.0	0.0	0.0
1843	4	36.01	0.0	-4.93e-03	-3.20	0.0	-8.83	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.31e-03	0.0	90.0	-8.83	-1.60	0.0	0.0	0.0	0.0
1843	5	36.01	0.0	-4.93e-03	-3.20	0.0	-8.83	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.31e-03	0.0	90.0	-8.83	-1.60	0.0	0.0	0.0	0.0
1844	1	46.81	0.0	-8.79e-03	-4.16	0.0	-21.76	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.49e-03	0.0	90.0	-21.76	-2.08	0.0	0.0	0.0	0.0
1844	2	36.01	0.0	-7.10e-03	-3.20	0.0	-17.64	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.20e-03	0.0	90.0	-17.64	-1.60	0.0	0.0	0.0	0.0
1844	3	36.01	0.0	-6.62e-03	-3.20	0.0	-16.24	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.12e-03	0.0	90.0	-16.24	-1.60	0.0	0.0	0.0	0.0
1844	4	36.01	0.0	-5.66e-03	-3.20	0.0	-13.50	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.50e-04	0.0	90.0	-13.50	-1.60	0.0	0.0	0.0	0.0
1844	5	36.01	0.0	-5.66e-03	-3.20	0.0	-13.50	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.50e-04	0.0	90.0	-13.50	-1.60	0.0	0.0	0.0	0.0
1845	1	46.81	0.0	-7.68e-03	-4.16	0.0	-20.08	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	1.91e-03	0.0	90.0	-20.08	-2.08	0.0	0.0	0.0	0.0
1845	2	36.01	0.0	-6.23e-03	-3.20	0.0	-16.30	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	1.56e-03	0.0	90.0	-16.30	-1.60	0.0	0.0	0.0	0.0
1845	3	36.01	0.0	-5.77e-03	-3.20	0.0	-14.97	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	1.43e-03	0.0	90.0	-14.97	-1.60	0.0	0.0	0.0	0.0
1845	4	36.01	0.0	-4.85e-03	-3.20	0.0	-12.52	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	1.20e-03	0.0	90.0	-12.52	-1.60	0.0	0.0	0.0	0.0
1845	5	36.01	0.0	-4.85e-03	-3.20	0.0	-12.52	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	1.20e-03	0.0	90.0	-12.52	-1.60	0.0	0.0	0.0	0.0
1846	1	46.81	0.0	4.37e-03	-4.16	0.0	-19.41	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.19e-03	0.0	90.0	-19.41	-2.08	0.0	0.0	0.0	0.0
1846	2	36.01	0.0	3.53e-03	-3.20	0.0	-15.75	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.55e-04	0.0	90.0	-15.75	-1.60	0.0	0.0	0.0	0.0
1846	3	36.01	0.0	3.29e-03	-3.20	0.0	-14.46	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.97e-04	0.0	90.0	-14.46	-1.60	0.0	0.0	0.0	0.0
1846	4	36.01	0.0	2.81e-03	-3.20	0.0	-12.12	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.83e-04	0.0	90.0	-12.12	-1.60	0.0	0.0	0.0	0.0
1846	5	36.01	0.0	2.81e-03	-3.20	0.0	-12.12	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.83e-04	0.0	90.0	-12.12	-1.60	0.0	0.0	0.0	0.0
1847	1	46.81	0.0	9.44e-03	-4.16	0.0	4.90	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-3.12e-03	0.0	90.0	4.90	-2.08	0.0	0.0	0.0	0.0
1847	2	36.01	0.0	7.65e-03	-3.20	0.0	3.87	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.52e-03	0.0	90.0	3.87	-1.60	0.0	0.0	0.0	0.0
1847	3	36.01	0.0	7.09e-03	-3.20	0.0	3.94	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.35e-03	0.0	90.0	3.94	-1.60	0.0	0.0	0.0	0.0
1847	4	36.01	0.0	5.98e-03	-3.20	0.0	3.52	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.01e-03	0.0	90.0	3.52	-1.60	0.0	0.0	0.0	0.0
1847	5	36.01	0.0	5.98e-03	-3.20	0.0	3.52	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.01e-03	0.0	90.0	3.52	-1.60	0.0	0.0	0.0	0.0
1848	1	46.81	0.0	5.94e-03	-4.16	0.0	30.42	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-7.82e-03	0.0	90.0	30.42	-2.08	0.0	0.0	0.0	0.0
1848	2	36.01	0.0	4.89e-03	-3.20	0.0	24.49	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.32e-03	0.0	90.0	24.49	-1.60	0.0	0.0	0.0	0.0
1848	3	36.01	0.0	4.44e-03	-3.20	0.0	23.22	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.89e-03	0.0	90.0	23.22	-1.60	0.0	0.0	0.0	0.0
1848	4	36.01	0.0	3.52e-03	-3.20	0.0	20.02	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.02e-03	0.0	90.0	20.02	-1.60	0.0	0.0	0.0	0.0
1848	5	36.01	0.0	3.52e-03	-3.20	0.0	20.02	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.02e-03	0.0	90.0	20.02	-1.60	0.0	0.0	0.0	0.0
1849	1	46.81	0.0	4.94e-03	-4.16	0.0	0.10	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-5.96e-03	0.0	90.0	0.10	-2.08	0.0	0.0	0.0	0.0

1849	2	36.01	0.0	4.07e-03	-3.20	0.0	-0.24	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.82e-03	0.0	90.0	-0.24	-1.60	0.0	0.0	0.0	0.0
1849	3	36.01	0.0	3.66e-03	-3.20	0.0	-2.23e-03	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.49e-03	0.0	90.0	-2.23e-03	-1.60	0.0	0.0	0.0	0.0
1849	4	36.01	0.0	2.89e-03	-3.20	0.0	0.85	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.84e-03	0.0	90.0	0.85	-1.60	0.0	0.0	0.0	0.0
1849	5	36.01	0.0	2.89e-03	-3.20	0.0	0.85	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.84e-03	0.0	90.0	0.85	-1.60	0.0	0.0	0.0	0.0
1850	1	46.81	0.0	0.02	-4.16	0.0	3.69	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-3.65e-03	0.0	90.0	3.69	-2.08	0.0	0.0	0.0	0.0
1850	2	36.01	0.0	0.02	-3.20	0.0	3.00	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.93e-03	0.0	90.0	3.00	-1.60	0.0	0.0	0.0	0.0
1850	3	36.01	0.0	0.01	-3.20	0.0	2.75	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.76e-03	0.0	90.0	2.75	-1.60	0.0	0.0	0.0	0.0
1850	4	36.01	0.0	0.01	-3.20	0.0	2.30	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.37e-03	0.0	90.0	2.30	-1.60	0.0	0.0	0.0	0.0
1850	5	36.01	0.0	0.01	-3.20	0.0	2.30	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.37e-03	0.0	90.0	2.30	-1.60	0.0	0.0	0.0	0.0
1851	1	69.92	0.0	-0.02	-5.09	0.0	-7.66	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-9.64e-03	0.0	110.0	-7.66	-2.54	0.0	0.0	0.0	0.0
1851	2	53.79	0.0	-0.01	-3.91	0.0	-6.14	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-7.76e-03	0.0	110.0	-6.14	-1.96	0.0	0.0	0.0	0.0
1851	3	53.79	0.0	-0.01	-3.91	0.0	-5.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-7.26e-03	0.0	110.0	-5.78	-1.96	0.0	0.0	0.0	0.0
1851	4	53.79	0.0	-0.01	-3.91	0.0	-5.06	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-6.27e-03	0.0	110.0	-5.06	-1.96	0.0	0.0	0.0	0.0
1851	5	53.79	0.0	-0.01	-3.91	0.0	-5.06	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-6.27e-03	0.0	110.0	-5.06	-1.96	0.0	0.0	0.0	0.0
1855	1	69.92	0.0	0.02	-5.09	0.0	-15.88	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.05	0.0	110.0	-15.88	-2.54	0.0	0.0	0.0	0.0
1855	2	53.79	0.0	0.01	-3.91	0.0	-12.76	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.04	0.0	110.0	-12.76	-1.96	0.0	0.0	0.0	0.0
1855	3	53.79	0.0	0.01	-3.91	0.0	-11.96	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.04	0.0	110.0	-11.96	-1.96	0.0	0.0	0.0	0.0
1855	4	53.79	0.0	0.01	-3.91	0.0	-10.37	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.03	0.0	110.0	-10.37	-1.96	0.0	0.0	0.0	0.0
1855	5	53.79	0.0	0.01	-3.91	0.0	-10.37	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.03	0.0	110.0	-10.37	-1.96	0.0	0.0	0.0	0.0
1856	1	69.92	0.0	-0.02	-5.09	0.0	-12.78	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-9.71e-03	0.0	110.0	-12.78	-2.54	0.0	0.0	0.0	0.0
1856	2	53.79	0.0	-0.02	-3.91	0.0	-10.26	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-7.82e-03	0.0	110.0	-10.26	-1.96	0.0	0.0	0.0	0.0
1856	3	53.79	0.0	-0.02	-3.91	0.0	-9.64	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-7.32e-03	0.0	110.0	-9.64	-1.96	0.0	0.0	0.0	0.0
1856	4	53.79	0.0	-0.01	-3.91	0.0	-8.39	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-6.32e-03	0.0	110.0	-8.39	-1.96	0.0	0.0	0.0	0.0
1856	5	53.79	0.0	-0.01	-3.91	0.0	-8.39	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-6.32e-03	0.0	110.0	-8.39	-1.96	0.0	0.0	0.0	0.0
1860	1	69.92	0.0	0.02	-5.09	0.0	-22.71	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.05	0.0	110.0	-22.71	-2.54	0.0	0.0	0.0	0.0
1860	2	53.79	0.0	0.02	-3.91	0.0	-18.26	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.04	0.0	110.0	-18.26	-1.96	0.0	0.0	0.0	0.0
1860	3	53.79	0.0	0.02	-3.91	0.0	-17.12	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.04	0.0	110.0	-17.12	-1.96	0.0	0.0	0.0	0.0
1860	4	53.79	0.0	0.01	-3.91	0.0	-14.83	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.03	0.0	110.0	-14.83	-1.96	0.0	0.0	0.0	0.0
1860	5	53.79	0.0	0.01	-3.91	0.0	-14.83	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.03	0.0	110.0	-14.83	-1.96	0.0	0.0	0.0	0.0
1861	1	69.92	0.0	-0.02	-5.09	0.0	-0.39	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-0.39	-2.54	0.0	0.0	0.0	0.0
1861	2	53.79	0.0	-0.02	-3.91	0.0	-0.31	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-8.13e-03	0.0	110.0	-0.31	-1.96	0.0	0.0	0.0	0.0
1861	3	53.79	0.0	-0.02	-3.91	0.0	-0.30	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-7.61e-03	0.0	110.0	-0.30	-1.96	0.0	0.0	0.0	0.0
1861	4	53.79	0.0	-0.01	-3.91	0.0	-0.26	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-6.56e-03	0.0	110.0	-0.26	-1.96	0.0	0.0	0.0	0.0
1861	5	53.79	0.0	-0.01	-3.91	0.0	-0.26	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-6.56e-03	0.0	110.0	-0.26	-1.96	0.0	0.0	0.0	0.0
1865	1	69.92	0.0	0.02	-5.09	0.0	-0.55	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.05	0.0	110.0	-0.55	-2.54	0.0	0.0	0.0	0.0
1865	2	53.79	0.0	0.02	-3.91	0.0	-0.44	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.04	0.0	110.0	-0.44	-1.96	0.0	0.0	0.0	0.0
1865	3	53.79	0.0	0.02	-3.91	0.0	-0.41	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.04	0.0	110.0	-0.41	-1.96	0.0	0.0	0.0	0.0
1865	4	53.79	0.0	0.01	-3.91	0.0	-0.36	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.03	0.0	110.0	-0.36	-1.96	0.0	0.0	0.0	0.0
1865	5	53.79	0.0	0.01	-3.91	0.0	-0.36	1.96	0.0	0.0	0.0	0.0



		0.0	0.0	0.03	0.0	110.0	-0.36	-1.96	0.0	0.0	0.0	0.0
1867	1	69.92	0.0	-0.02	-5.09	0.0	-0.42	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-0.42	-2.54	0.0	0.0	0.0	0.0
1867	2	53.79	0.0	-0.02	-3.91	0.0	-0.33	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-8.43e-03	0.0	110.0	-0.33	-1.96	0.0	0.0	0.0	0.0
1867	3	53.79	0.0	-0.02	-3.91	0.0	-0.32	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-7.89e-03	0.0	110.0	-0.32	-1.96	0.0	0.0	0.0	0.0
1867	4	53.79	0.0	-0.01	-3.91	0.0	-0.27	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-6.79e-03	0.0	110.0	-0.27	-1.96	0.0	0.0	0.0	0.0
1867	5	53.79	0.0	-0.01	-3.91	0.0	-0.27	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-6.79e-03	0.0	110.0	-0.27	-1.96	0.0	0.0	0.0	0.0
1868	1	69.92	0.0	-0.01	-5.09	0.0	-7.39	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-7.39	-2.54	0.0	0.0	0.0	0.0
1868	2	53.79	0.0	-9.66e-03	-3.91	0.0	-5.93	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-5.93	-1.96	0.0	0.0	0.0	0.0
1868	3	53.79	0.0	-9.06e-03	-3.91	0.0	-5.57	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-5.57	-1.96	0.0	0.0	0.0	0.0
1868	4	53.79	0.0	-7.96e-03	-3.91	0.0	-4.87	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-9.28e-03	0.0	110.0	-4.87	-1.96	0.0	0.0	0.0	0.0
1868	5	53.79	0.0	-7.96e-03	-3.91	0.0	-4.87	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-9.28e-03	0.0	110.0	-4.87	-1.96	0.0	0.0	0.0	0.0
1869	1	69.92	0.0	2.56e-03	-5.09	0.0	9.40e-03	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.08	0.0	110.0	9.40e-03	-2.54	0.0	0.0	0.0	0.0
1869	2	53.79	0.0	2.06e-03	-3.91	0.0	7.59e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.07	0.0	110.0	7.59e-03	-1.96	0.0	0.0	0.0	0.0
1869	3	53.79	0.0	1.93e-03	-3.91	0.0	7.07e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.06	0.0	110.0	7.07e-03	-1.96	0.0	0.0	0.0	0.0
1869	4	53.79	0.0	-1.99e-03	-3.91	0.0	6.03e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.05	0.0	110.0	6.03e-03	-1.96	0.0	0.0	0.0	0.0
1869	5	53.79	0.0	-1.99e-03	-3.91	0.0	6.03e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.05	0.0	110.0	6.03e-03	-1.96	0.0	0.0	0.0	0.0
1873	1	69.92	0.0	0.02	-5.09	0.0	-0.51	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.05	0.0	110.0	-0.51	-2.54	0.0	0.0	0.0	0.0
1873	2	53.79	0.0	0.02	-3.91	0.0	-0.40	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.04	0.0	110.0	-0.40	-1.96	0.0	0.0	0.0	0.0
1873	3	53.79	0.0	0.02	-3.91	0.0	-0.38	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.04	0.0	110.0	-0.38	-1.96	0.0	0.0	0.0	0.0
1873	4	53.79	0.0	0.01	-3.91	0.0	-0.33	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.03	0.0	110.0	-0.33	-1.96	0.0	0.0	0.0	0.0
1873	5	53.79	0.0	0.01	-3.91	0.0	-0.33	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.03	0.0	110.0	-0.33	-1.96	0.0	0.0	0.0	0.0
1874	1	69.92	0.0	-0.02	-5.09	0.0	-12.74	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-12.74	-2.54	0.0	0.0	0.0	0.0
1874	2	53.79	0.0	-0.02	-3.91	0.0	-10.25	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-8.62e-03	0.0	110.0	-10.25	-1.96	0.0	0.0	0.0	0.0
1874	3	53.79	0.0	-0.02	-3.91	0.0	-9.60	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-8.06e-03	0.0	110.0	-9.60	-1.96	0.0	0.0	0.0	0.0
1874	4	53.79	0.0	-0.01	-3.91	0.0	-8.32	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-6.94e-03	0.0	110.0	-8.32	-1.96	0.0	0.0	0.0	0.0
1874	5	53.79	0.0	-0.01	-3.91	0.0	-8.32	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-6.94e-03	0.0	110.0	-8.32	-1.96	0.0	0.0	0.0	0.0
1878	1	69.92	0.0	0.02	-5.09	0.0	-14.49	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.05	0.0	110.0	-14.49	-2.54	0.0	0.0	0.0	0.0
1878	2	53.79	0.0	0.02	-3.91	0.0	-11.66	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.04	0.0	110.0	-11.66	-1.96	0.0	0.0	0.0	0.0
1878	3	53.79	0.0	0.01	-3.91	0.0	-10.91	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.04	0.0	110.0	-10.91	-1.96	0.0	0.0	0.0	0.0
1878	4	53.79	0.0	0.01	-3.91	0.0	-9.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.03	0.0	110.0	-9.42	-1.96	0.0	0.0	0.0	0.0
1878	5	53.79	0.0	0.01	-3.91	0.0	-9.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.03	0.0	110.0	-9.42	-1.96	0.0	0.0	0.0	0.0
1879	1	69.92	0.0	-0.03	-5.09	0.0	-21.93	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-21.93	-2.54	0.0	0.0	0.0	0.0
1879	2	53.79	0.0	-0.02	-3.91	0.0	-17.68	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-8.66e-03	0.0	110.0	-17.68	-1.96	0.0	0.0	0.0	0.0
1879	3	53.79	0.0	-0.02	-3.91	0.0	-16.51	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-8.10e-03	0.0	110.0	-16.51	-1.96	0.0	0.0	0.0	0.0
1879	4	53.79	0.0	-0.02	-3.91	0.0	-14.18	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-6.97e-03	0.0	110.0	-14.18	-1.96	0.0	0.0	0.0	0.0
1879	5	53.79	0.0	-0.02	-3.91	0.0	-14.18	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-6.97e-03	0.0	110.0	-14.18	-1.96	0.0	0.0	0.0	0.0
1880	1	46.81	0.0	-9.36e-03	-4.16	0.0	2.29	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	4.33e-03	0.0	90.0	2.29	-2.08	0.0	0.0	0.0	0.0
1880	2	36.01	0.0	-7.50e-03	-3.20	0.0	1.84	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	3.48e-03	0.0	90.0	1.84	-1.60	0.0	0.0	0.0	0.0
1880	3	36.01	0.0	-7.07e-03	-3.20	0.0	1.72	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	3.27e-03	0.0	90.0	1.72	-1.60	0.0	0.0	0.0	0.0

1880	4	36.01	0.0	-6.19e-03	-3.20	0.0	1.49	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	2.83e-03	0.0	90.0	1.49	-1.60	0.0	0.0	0.0	0.0
1880	5	36.01	0.0	-6.19e-03	-3.20	0.0	1.49	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	2.83e-03	0.0	90.0	1.49	-1.60	0.0	0.0	0.0	0.0
1881	1	69.92	0.0	-0.02	-5.09	0.0	-102.21	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-2.51e-03	0.0	110.0	-102.21	-2.54	0.0	0.0	0.0	0.0
1881	2	53.79	0.0	-0.02	-3.91	0.0	-82.45	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.03e-03	0.0	110.0	-82.45	-1.96	0.0	0.0	0.0	0.0
1881	3	53.79	0.0	-0.02	-3.91	0.0	-76.89	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.89e-03	0.0	110.0	-76.89	-1.96	0.0	0.0	0.0	0.0
1881	4	53.79	0.0	-0.01	-3.91	0.0	-65.83	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.62e-03	0.0	110.0	-65.83	-1.96	0.0	0.0	0.0	0.0
1881	5	53.79	0.0	-0.01	-3.91	0.0	-65.83	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.62e-03	0.0	110.0	-65.83	-1.96	0.0	0.0	0.0	0.0
1882	1	46.81	0.0	0.01	-4.16	0.0	-1.25	2.08	0.0	12.30	0.0	0.0
		0.0	0.0	-3.69e-03	0.0	90.0	-1.25	-2.08	0.0	12.30	0.0	0.0
1882	2	36.01	0.0	8.58e-03	-3.20	0.0	-1.01	1.60	0.0	9.89	0.0	0.0
		0.0	0.0	-2.99e-03	0.0	90.0	-1.01	-1.60	0.0	9.89	0.0	0.0
1882	3	36.01	0.0	7.94e-03	-3.20	0.0	-0.94	1.60	0.0	9.27	0.0	0.0
		0.0	0.0	-2.78e-03	0.0	90.0	-0.94	-1.60	0.0	9.27	0.0	0.0
1882	4	36.01	0.0	6.72e-03	-3.20	0.0	-0.81	1.60	0.0	8.01	0.0	0.0
		0.0	0.0	-2.38e-03	0.0	90.0	-0.81	-1.60	0.0	8.01	0.0	0.0
1882	5	36.01	0.0	6.72e-03	-3.20	0.0	-0.81	1.60	0.0	8.01	0.0	0.0
		0.0	0.0	-2.38e-03	0.0	90.0	-0.81	-1.60	0.0	8.01	0.0	0.0
1883	1	46.81	0.0	-0.03	-4.16	0.0	-94.24	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-4.19e-04	0.0	90.0	-94.24	-2.08	0.0	0.0	0.0	0.0
1883	2	36.01	0.0	-0.02	-3.20	0.0	-76.01	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.42e-04	0.0	90.0	-76.01	-1.60	0.0	0.0	0.0	0.0
1883	3	36.01	0.0	-0.02	-3.20	0.0	-71.13	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.24e-04	0.0	90.0	-71.13	-1.60	0.0	0.0	0.0	0.0
1883	4	36.01	0.0	-0.02	-3.20	0.0	-61.26	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.89e-04	0.0	90.0	-61.26	-1.60	0.0	0.0	0.0	0.0
1883	5	36.01	0.0	-0.02	-3.20	0.0	-61.26	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.89e-04	0.0	90.0	-61.26	-1.60	0.0	0.0	0.0	0.0
1884	1	69.92	0.0	-0.02	-5.09	0.0	-19.65	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	-19.65	-2.54	0.0	0.0	0.0	0.0
1884	2	53.79	0.0	-0.02	-3.91	0.0	-15.79	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-15.79	-1.96	0.0	0.0	0.0	0.0
1884	3	53.79	0.0	-0.01	-3.91	0.0	-14.81	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-14.81	-1.96	0.0	0.0	0.0	0.0
1884	4	53.79	0.0	-0.01	-3.91	0.0	-12.87	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-12.87	-1.96	0.0	0.0	0.0	0.0
1884	5	53.79	0.0	-0.01	-3.91	0.0	-12.87	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-12.87	-1.96	0.0	0.0	0.0	0.0
1888	1	69.92	0.0	0.02	-5.09	0.0	-8.14	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.05	0.0	110.0	-8.14	-2.54	0.0	0.0	0.0	0.0
1888	2	53.79	0.0	0.02	-3.91	0.0	-6.53	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.04	0.0	110.0	-6.53	-1.96	0.0	0.0	0.0	0.0
1888	3	53.79	0.0	0.02	-3.91	0.0	-6.14	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.04	0.0	110.0	-6.14	-1.96	0.0	0.0	0.0	0.0
1888	4	53.79	0.0	0.01	-3.91	0.0	-5.36	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.04	0.0	110.0	-5.36	-1.96	0.0	0.0	0.0	0.0
1888	5	53.79	0.0	0.01	-3.91	0.0	-5.36	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.04	0.0	110.0	-5.36	-1.96	0.0	0.0	0.0	0.0
1889	1	69.92	0.0	-0.03	-5.09	0.0	-128.92	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-1.64e-03	0.0	110.0	-128.92	-2.54	0.0	0.0	0.0	0.0
1889	2	53.79	0.0	-0.02	-3.91	0.0	-103.71	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.32e-03	0.0	110.0	-103.71	-1.96	0.0	0.0	0.0	0.0
1889	3	53.79	0.0	-0.02	-3.91	0.0	-97.08	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.23e-03	0.0	110.0	-97.08	-1.96	0.0	0.0	0.0	0.0
1889	4	53.79	0.0	-0.02	-3.91	0.0	-83.97	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.07e-03	0.0	110.0	-83.97	-1.96	0.0	0.0	0.0	0.0
1889	5	53.79	0.0	-0.02	-3.91	0.0	-83.97	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.07e-03	0.0	110.0	-83.97	-1.96	0.0	0.0	0.0	0.0
1890	1	60.34	0.0	0.02	-3.93	0.0	212.40	1.57	0.35	-9.55	-29.92	33.93
		0.0	-29.92	-9.96e-03	0.0	85.0	212.40	-2.36	0.35	-9.55	0.0	0.0
1890	2	47.47	0.0	0.01	-3.02	0.0	171.02	1.18	0.28	-7.69	-24.13	27.79
		0.0	-24.13	-8.03e-03	0.0	85.0	171.02	-1.84	0.28	-7.69	0.0	0.0
1890	3	45.95	0.0	0.01	-3.02	0.0	160.03	1.21	0.26	-7.20	-22.52	25.35
		0.0	-22.52	-7.49e-03	0.0	85.0	160.03	-1.81	0.26	-7.20	0.0	0.0
1890	4	43.06	0.0	0.01	-3.02	0.0	137.96	1.27	0.23	-6.22	-19.30	20.34
		0.0	-19.30	-6.43e-03	0.0	85.0	137.96	-1.75	0.23	-6.22	0.0	0.0
1890	5	43.06	0.0	0.01	-3.02	0.0	137.96	1.27	0.23	-6.22	-19.30	20.34
		0.0	-19.30	-6.43e-03	0.0	85.0	137.96	-1.75	0.23	-6.22	0.0	0.0
1891	1	23.84	0.0	-7.10e-03	-3.93	0.0	22.99	1.48	-0.30	-3.65	0.0	0.0
		-40.79	-25.22	4.39e-03	0.0	85.0	22.99	-2.44	-0.30	-3.65	-25.22	-40.79
1891	2	18.18	0.0	-5.67e-03	-3.02	0.0	17.65	1.14	-0.24	-2.94	0.0	0.0

1891	3	-31.80	-20.31	3.54e-03	0.0	85.0	17.65	-1.89	-0.24	-2.94	-20.31	-31.80
		18.41	0.0	-5.37e-03	-3.02	0.0	17.65	1.14	-0.22	-2.76	0.0	0.0
		-31.19	-19.02	3.31e-03	0.0	85.0	17.65	-1.88	-0.22	-2.76	-19.02	-31.19
1891	4	18.87	0.0	-4.79e-03	-3.02	0.0	17.76	1.16	-0.19	-2.39	0.0	0.0
		-29.96	-16.38	2.85e-03	0.0	85.0	17.76	-1.86	-0.19	-2.39	-16.38	-29.96
1891	5	18.87	0.0	-4.79e-03	-3.02	0.0	17.76	1.16	-0.19	-2.39	0.0	0.0
		-29.96	-16.38	2.85e-03	0.0	85.0	17.76	-1.86	-0.19	-2.39	-16.38	-29.96
1892	1	38.67	-25.22	-5.28e-03	-4.16	0.0	-47.41	2.58	-0.21	-3.65	-25.22	-33.41
		-33.41	-44.04	-3.23e-03	0.0	90.0	-47.41	-1.58	-0.21	-3.65	-44.04	11.71
1892	2	30.62	-20.31	-4.27e-03	-3.20	0.0	-38.96	2.01	-0.17	-2.94	-20.31	-26.00
		-26.00	-35.50	-2.60e-03	0.0	90.0	-38.96	-1.19	-0.17	-2.94	-35.50	10.59
1892	3	29.35	-19.02	-3.97e-03	-3.20	0.0	-35.41	1.98	-0.16	-2.76	-19.02	-25.56
		-25.56	-33.15	-2.44e-03	0.0	90.0	-35.41	-1.22	-0.16	-2.76	-33.15	8.29
1892	4	26.81	-16.38	-3.39e-03	-3.20	0.0	-28.17	1.92	-0.13	-2.39	-16.38	-24.72
		-24.72	-28.47	-2.10e-03	0.0	90.0	-28.17	-1.28	-0.13	-2.39	-28.47	3.72
1892	5	26.81	-16.38	-3.39e-03	-3.20	0.0	-28.17	1.92	-0.13	-2.39	-16.38	-24.72
		-24.72	-28.47	-2.10e-03	0.0	90.0	-28.17	-1.28	-0.13	-2.39	-28.47	3.72
1893	1	69.92	0.0	0.03	-5.09	0.0	-196.06	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-7.09e-04	0.0	110.0	-196.06	-2.54	0.0	0.0	0.0	0.0
1893	2	53.79	0.0	0.02	-3.91	0.0	-157.87	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-5.86e-04	0.0	110.0	-157.87	-1.96	0.0	0.0	0.0	0.0
1893	3	53.79	0.0	0.02	-3.91	0.0	-147.66	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-5.29e-04	0.0	110.0	-147.66	-1.96	0.0	0.0	0.0	0.0
1893	4	53.79	0.0	0.02	-3.91	0.0	-127.27	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-4.12e-04	0.0	110.0	-127.27	-1.96	0.0	0.0	0.0	0.0
1893	5	53.79	0.0	0.02	-3.91	0.0	-127.27	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-4.12e-04	0.0	110.0	-127.27	-1.96	0.0	0.0	0.0	0.0
1894	1	69.92	0.0	-0.06	-5.09	0.0	-6.28	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-7.03e-03	0.0	110.0	-6.28	-2.54	0.0	0.0	0.0	0.0
1894	2	53.79	0.0	-0.05	-3.91	0.0	-5.07	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-5.67e-03	0.0	110.0	-5.07	-1.96	0.0	0.0	0.0	0.0
1894	3	53.79	0.0	-0.04	-3.91	0.0	-4.73	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-5.28e-03	0.0	110.0	-4.73	-1.96	0.0	0.0	0.0	0.0
1894	4	53.79	0.0	-0.04	-3.91	0.0	-4.03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-4.51e-03	0.0	110.0	-4.03	-1.96	0.0	0.0	0.0	0.0
1894	5	53.79	0.0	-0.04	-3.91	0.0	-4.03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-4.51e-03	0.0	110.0	-4.03	-1.96	0.0	0.0	0.0	0.0
1895	1	46.81	0.0	1.28e-03	-4.16	0.0	82.03	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-6.78e-04	0.0	90.0	82.03	-2.08	0.0	0.0	0.0	0.0
1895	2	36.01	0.0	1.06e-03	-3.20	0.0	66.03	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.32e-04	0.0	90.0	66.03	-1.60	0.0	0.0	0.0	0.0
1895	3	36.01	0.0	9.51e-04	-3.20	0.0	61.81	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.14e-04	0.0	90.0	61.81	-1.60	0.0	0.0	0.0	0.0
1895	4	36.01	0.0	-9.01e-04	-3.20	0.0	53.34	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.87e-04	0.0	90.0	53.34	-1.60	0.0	0.0	0.0	0.0
1895	5	36.01	0.0	-9.01e-04	-3.20	0.0	53.34	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.87e-04	0.0	90.0	53.34	-1.60	0.0	0.0	0.0	0.0
1896	1	46.81	0.0	-0.01	-4.16	0.0	72.84	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-3.85e-03	0.0	90.0	72.84	-2.08	0.0	0.0	0.0	0.0
1896	2	36.01	0.0	-0.01	-3.20	0.0	58.63	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.10e-03	0.0	90.0	58.63	-1.60	0.0	0.0	0.0	0.0
1896	3	36.01	0.0	-9.83e-03	-3.20	0.0	54.88	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.90e-03	0.0	90.0	54.88	-1.60	0.0	0.0	0.0	0.0
1896	4	36.01	0.0	-8.57e-03	-3.20	0.0	47.36	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.50e-03	0.0	90.0	47.36	-1.60	0.0	0.0	0.0	0.0
1896	5	36.01	0.0	-8.57e-03	-3.20	0.0	47.36	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.50e-03	0.0	90.0	47.36	-1.60	0.0	0.0	0.0	0.0
1897	1	46.81	0.0	-0.03	-4.16	0.0	63.93	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-5.63e-03	0.0	90.0	63.93	-2.08	0.0	0.0	0.0	0.0
1897	2	36.01	0.0	-0.02	-3.20	0.0	51.46	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.55e-03	0.0	90.0	51.46	-1.60	0.0	0.0	0.0	0.0
1897	3	36.01	0.0	-0.02	-3.20	0.0	48.17	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.23e-03	0.0	90.0	48.17	-1.60	0.0	0.0	0.0	0.0
1897	4	36.01	0.0	-0.02	-3.20	0.0	41.57	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.60e-03	0.0	90.0	41.57	-1.60	0.0	0.0	0.0	0.0
1897	5	36.01	0.0	-0.02	-3.20	0.0	41.57	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.60e-03	0.0	90.0	41.57	-1.60	0.0	0.0	0.0	0.0
1898	1	69.92	0.0	0.06	-5.09	0.0	-6.40	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	110.0	-6.40	-2.54	0.0	0.0	0.0	0.0
1898	2	53.79	0.0	0.05	-3.91	0.0	-5.17	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	110.0	-5.17	-1.96	0.0	0.0	0.0	0.0
1898	3	53.79	0.0	0.04	-3.91	0.0	-4.81	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	9.77e-03	0.0	110.0	-4.81	-1.96	0.0	0.0	0.0	0.0
1898	4	53.79	0.0	0.04	-3.91	0.0	-4.11	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	8.60e-03	0.0	110.0	-4.11	-1.96	0.0	0.0	0.0	0.0
1898	5	53.79	0.0	0.04	-3.91	0.0	-4.11	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	8.60e-03	0.0	110.0	-4.11	-1.96	0.0	0.0	0.0	0.0

1899	1	69.92	0.0	-0.07	-5.09	0.0	-441.06	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-4.95e-03	0.0	110.0	-441.06	-2.54	0.0	0.0	0.0	0.0
1899	2	53.79	0.0	-0.05	-3.91	0.0	-355.51	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.99e-03	0.0	110.0	-355.51	-1.96	0.0	0.0	0.0	0.0
1899	3	53.79	0.0	-0.05	-3.91	0.0	-332.13	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.73e-03	0.0	110.0	-332.13	-1.96	0.0	0.0	0.0	0.0
1899	4	53.79	0.0	-0.04	-3.91	0.0	-285.13	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.20e-03	0.0	110.0	-285.13	-1.96	0.0	0.0	0.0	0.0
1899	5	53.79	0.0	-0.04	-3.91	0.0	-285.13	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.20e-03	0.0	110.0	-285.13	-1.96	0.0	0.0	0.0	0.0
1900	1	69.92	0.0	0.03	-5.09	0.0	-21.96	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.05	0.0	110.0	-21.96	-2.54	0.0	0.0	0.0	0.0
1900	2	53.79	0.0	0.03	-3.91	0.0	-17.65	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.04	0.0	110.0	-17.65	-1.96	0.0	0.0	0.0	0.0
1900	3	53.79	0.0	0.02	-3.91	0.0	-16.55	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.04	0.0	110.0	-16.55	-1.96	0.0	0.0	0.0	0.0
1900	4	53.79	0.0	0.02	-3.91	0.0	-14.34	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.03	0.0	110.0	-14.34	-1.96	0.0	0.0	0.0	0.0
1900	5	53.79	0.0	0.02	-3.91	0.0	-14.34	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.03	0.0	110.0	-14.34	-1.96	0.0	0.0	0.0	0.0
1902	1	69.92	0.0	-9.26e-03	-5.09	0.0	-0.02	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	-0.02	-2.54	0.0	0.0	0.0	0.0
1902	2	53.79	0.0	-7.39e-03	-3.91	0.0	-0.02	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	-0.02	-1.96	0.0	0.0	0.0	0.0
1902	3	53.79	0.0	-7.01e-03	-3.91	0.0	-0.02	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-0.02	-1.96	0.0	0.0	0.0	0.0
1902	4	53.79	0.0	-6.29e-03	-3.91	0.0	-0.01	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-0.01	-1.96	0.0	0.0	0.0	0.0
1902	5	53.79	0.0	-6.29e-03	-3.91	0.0	-0.01	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-0.01	-1.96	0.0	0.0	0.0	0.0
1903	1	69.92	0.0	0.07	-5.09	0.0	-449.06	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-1.23e-03	0.0	110.0	-449.06	-2.54	0.0	0.0	0.0	0.0
1903	2	53.79	0.0	0.05	-3.91	0.0	-362.00	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-9.87e-04	0.0	110.0	-362.00	-1.96	0.0	0.0	0.0	0.0
1903	3	53.79	0.0	0.05	-3.91	0.0	-338.08	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-9.49e-04	0.0	110.0	-338.08	-1.96	0.0	0.0	0.0	0.0
1903	4	53.79	0.0	0.04	-3.91	0.0	-290.04	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-8.07e-04	0.0	110.0	-290.04	-1.96	0.0	0.0	0.0	0.0
1903	5	53.79	0.0	0.04	-3.91	0.0	-290.04	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-8.07e-04	0.0	110.0	-290.04	-1.96	0.0	0.0	0.0	0.0
1904	1	46.81	0.0	-0.01	-4.16	0.0	-0.48	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-9.12e-04	0.0	90.0	-0.48	-2.08	0.0	0.0	0.0	0.0
1904	2	36.01	0.0	-9.36e-03	-3.20	0.0	-0.38	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.29e-04	0.0	90.0	-0.38	-1.60	0.0	0.0	0.0	0.0
1904	3	36.01	0.0	-8.69e-03	-3.20	0.0	-0.36	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.07e-04	0.0	90.0	-0.36	-1.60	0.0	0.0	0.0	0.0
1904	4	36.01	0.0	-7.34e-03	-3.20	0.0	-0.33	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.25e-04	0.0	90.0	-0.33	-1.60	0.0	0.0	0.0	0.0
1904	5	36.01	0.0	-7.34e-03	-3.20	0.0	-0.33	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.25e-04	0.0	90.0	-0.33	-1.60	0.0	0.0	0.0	0.0
1905	1	46.81	0.0	-2.99e-03	-4.16	0.0	-0.81	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.70e-04	0.0	90.0	-0.81	-2.08	0.0	0.0	0.0	0.0
1905	2	36.01	0.0	-2.38e-03	-3.20	0.0	-0.65	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.01e-04	0.0	90.0	-0.65	-1.60	0.0	0.0	0.0	0.0
1905	3	36.01	0.0	-2.26e-03	-3.20	0.0	-0.61	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.91e-04	0.0	90.0	-0.61	-1.60	0.0	0.0	0.0	0.0
1905	4	36.01	0.0	-2.04e-03	-3.20	0.0	-0.54	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.14e-04	0.0	90.0	-0.54	-1.60	0.0	0.0	0.0	0.0
1905	5	36.01	0.0	-2.04e-03	-3.20	0.0	-0.54	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.14e-04	0.0	90.0	-0.54	-1.60	0.0	0.0	0.0	0.0
1908	1	69.92	0.09	-0.04	-5.09	0.0	0.05	2.54	8.39e-04	-1.50	0.0	0.0
		0.0	0.0	-3.08e-03	0.0	110.0	0.05	-2.54	8.39e-04	-1.50	0.09	0.0
1908	2	53.79	0.07	-0.03	-3.91	0.0	0.08	1.96	6.01e-04	-1.19	0.0	0.0
		0.0	0.0	-2.48e-03	0.0	110.0	0.08	-1.96	6.01e-04	-1.19	0.07	0.0
1908	3	53.79	0.08	-0.03	-3.91	0.0	0.06	1.96	6.86e-04	-1.14	0.0	0.0
		0.0	0.0	-2.32e-03	0.0	110.0	0.06	-1.96	6.86e-04	-1.14	0.08	0.0
1908	4	53.79	0.07	-0.03	-3.91	0.0	0.03	1.96	6.76e-04	-1.05	0.0	0.0
		0.0	0.0	-2.00e-03	0.0	110.0	0.03	-1.96	6.76e-04	-1.05	0.07	0.0
1908	5	53.79	0.07	-0.03	-3.91	0.0	0.03	1.96	6.76e-04	-1.05	0.0	0.0
		0.0	0.0	-2.00e-03	0.0	110.0	0.03	-1.96	6.76e-04	-1.05	0.07	0.0
1909	1	69.92	0.25	0.04	-5.09	0.0	-1.70	2.54	-2.28e-03	21.68	0.25	0.0
		0.0	0.0	-2.83e-03	0.0	110.0	-1.70	-2.54	-2.28e-03	21.68	0.0	0.0
1909	2	53.79	0.21	0.04	-3.91	0.0	-1.41	1.96	-1.91e-03	17.39	0.21	0.0
		0.0	0.0	-2.28e-03	0.0	110.0	-1.41	-1.96	-1.91e-03	17.39	0.0	0.0
1909	3	53.79	0.18	0.03	-3.91	0.0	-1.30	1.96	-1.67e-03	16.37	0.18	0.0
		0.0	0.0	-2.13e-03	0.0	110.0	-1.30	-1.96	-1.67e-03	16.37	0.0	0.0
1909	4	53.79	0.15	0.03	-3.91	0.0	-1.04	1.96	-1.34e-03	14.31	0.15	0.0



		0.0	0.0	-1.83e-03	0.0	110.0	-1.04	-1.96	-1.34e-03	14.31	0.0	0.0
1909	5	53.79	0.15	0.03	-3.91	0.0	-1.04	1.96	-1.34e-03	14.31	0.15	0.0
		0.0	0.0	-1.83e-03	0.0	110.0	-1.04	-1.96	-1.34e-03	14.31	0.0	0.0
1952	1	69.92	0.0	-0.06	-5.09	0.0	-447.12	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-5.24e-03	0.0	110.0	-447.12	-2.54	0.0	0.0	0.0	0.0
1952	2	53.79	0.0	-0.05	-3.91	0.0	-360.37	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-4.22e-03	0.0	110.0	-360.37	-1.96	0.0	0.0	0.0	0.0
1952	3	53.79	0.0	-0.05	-3.91	0.0	-336.41	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.95e-03	0.0	110.0	-336.41	-1.96	0.0	0.0	0.0	0.0
1952	4	53.79	0.0	-0.04	-3.91	0.0	-288.58	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.39e-03	0.0	110.0	-288.58	-1.96	0.0	0.0	0.0	0.0
1952	5	53.79	0.0	-0.04	-3.91	0.0	-288.58	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.39e-03	0.0	110.0	-288.58	-1.96	0.0	0.0	0.0	0.0
1953	1	69.92	0.0	0.06	-5.09	0.0	-407.53	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-1.23e-03	0.0	110.0	-407.53	-2.54	0.0	0.0	0.0	0.0
1953	2	53.79	0.0	0.05	-3.91	0.0	-328.56	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-9.88e-04	0.0	110.0	-328.56	-1.96	0.0	0.0	0.0	0.0
1953	3	53.79	0.0	0.04	-3.91	0.0	-306.81	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-9.51e-04	0.0	110.0	-306.81	-1.96	0.0	0.0	0.0	0.0
1953	4	53.79	0.0	0.04	-3.91	0.0	-263.33	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-8.14e-04	0.0	110.0	-263.33	-1.96	0.0	0.0	0.0	0.0
1953	5	53.79	0.0	0.04	-3.91	0.0	-263.33	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-8.14e-04	0.0	110.0	-263.33	-1.96	0.0	0.0	0.0	0.0
1954	1	46.81	0.0	-0.02	-4.16	0.0	0.06	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.30e-03	0.0	90.0	0.06	-2.08	0.0	0.0	0.0	0.0
1954	2	36.01	0.0	-0.02	-3.20	0.0	0.05	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.86e-03	0.0	90.0	0.05	-1.60	0.0	0.0	0.0	0.0
1954	3	36.01	0.0	-0.01	-3.20	0.0	0.05	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.74e-03	0.0	90.0	0.05	-1.60	0.0	0.0	0.0	0.0
1954	4	36.01	0.0	-0.01	-3.20	0.0	0.04	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.50e-03	0.0	90.0	0.04	-1.60	0.0	0.0	0.0	0.0
1954	5	36.01	0.0	-0.01	-3.20	0.0	0.04	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.50e-03	0.0	90.0	0.04	-1.60	0.0	0.0	0.0	0.0
1955	1	46.81	0.0	-0.01	-4.16	0.0	0.10	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-3.97e-03	0.0	90.0	0.10	-2.08	0.0	0.0	0.0	0.0
1955	2	36.01	0.0	-8.75e-03	-3.20	0.0	0.08	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.21e-03	0.0	90.0	0.08	-1.60	0.0	0.0	0.0	0.0
1955	3	36.01	0.0	-8.12e-03	-3.20	0.0	0.07	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.00e-03	0.0	90.0	0.07	-1.60	0.0	0.0	0.0	0.0
1955	4	36.01	0.0	-6.85e-03	-3.20	0.0	0.06	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.57e-03	0.0	90.0	0.06	-1.60	0.0	0.0	0.0	0.0
1955	5	36.01	0.0	-6.85e-03	-3.20	0.0	0.06	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.57e-03	0.0	90.0	0.06	-1.60	0.0	0.0	0.0	0.0
1956	1	6.75	12.74	-2.00e-04	-4.16	0.0	-164.27	2.04	0.10	0.87	3.64	-38.03
		-42.08	3.64	-3.09e-03	0.0	90.0	-164.27	-2.13	0.10	0.87	12.74	-42.08
1956	2	4.37	10.21	-1.55e-04	-3.20	0.0	-131.29	1.56	0.08	0.70	2.88	-29.93
		-33.34	2.88	-2.49e-03	0.0	90.0	-131.29	-1.64	0.08	0.70	10.21	-33.34
1956	3	5.56	9.63	-1.53e-04	-3.20	0.0	-124.13	1.57	0.08	0.66	2.75	-28.96
		-31.94	2.75	-2.33e-03	0.0	90.0	-124.13	-1.63	0.08	0.66	9.63	-31.94
1956	4	7.87	8.42	-1.53e-04	-3.20	0.0	-109.88	1.58	0.07	0.58	2.54	-27.08
		-29.19	2.54	-2.00e-03	0.0	90.0	-109.88	-1.62	0.07	0.58	8.42	-29.19
1956	5	7.87	8.42	-1.53e-04	-3.20	0.0	-109.88	1.58	0.07	0.58	2.54	-27.08
		-29.19	2.54	-2.00e-03	0.0	90.0	-109.88	-1.62	0.07	0.58	8.42	-29.19
1963	1	46.81	0.0	-2.26e-03	-4.16	0.0	1.78	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	5.85e-03	0.0	90.0	1.78	-2.08	0.0	0.0	0.0	0.0
1963	2	36.01	0.0	-1.76e-03	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	4.71e-03	0.0	90.0	1.42	-1.60	0.0	0.0	0.0	0.0
1963	3	36.01	0.0	-1.73e-03	-3.20	0.0	1.34	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	4.40e-03	0.0	90.0	1.34	-1.60	0.0	0.0	0.0	0.0
1963	4	36.01	0.0	-1.68e-03	-3.20	0.0	1.19	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	3.80e-03	0.0	90.0	1.19	-1.60	0.0	0.0	0.0	0.0
1963	5	36.01	0.0	-1.68e-03	-3.20	0.0	1.19	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	3.80e-03	0.0	90.0	1.19	-1.60	0.0	0.0	0.0	0.0
1965	1	69.92	0.0	-7.59e-03	-5.09	0.0	-8.52	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	-8.52	-2.54	0.0	0.0	0.0	0.0
1965	2	53.79	0.0	-6.00e-03	-3.91	0.0	-6.83	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	-6.83	-1.96	0.0	0.0	0.0	0.0
1965	3	53.79	0.0	-5.77e-03	-3.91	0.0	-6.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-6.43	-1.96	0.0	0.0	0.0	0.0
1965	4	53.79	0.0	-5.32e-03	-3.91	0.0	-5.62	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-5.62	-1.96	0.0	0.0	0.0	0.0
1965	5	53.79	0.0	-5.32e-03	-3.91	0.0	-5.62	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-5.62	-1.96	0.0	0.0	0.0	0.0
1966	1	46.81	0.0	-1.69e-03	-4.16	0.0	-7.94	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-7.94	-2.08	0.0	0.0	0.0	0.0
1966	2	36.01	0.0	-1.30e-03	-3.20	0.0	-6.39	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-6.39	-1.60	0.0	0.0	0.0	0.0

1966	3	36.01	0.0	-1.30e-03	-3.20	0.0	-5.98	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-5.98	-1.60	0.0	0.0	0.0	0.0
1966	4	36.01	0.0	-1.30e-03	-3.20	0.0	-5.16	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	9.03e-03	0.0	90.0	-5.16	-1.60	0.0	0.0	0.0	0.0
1966	5	36.01	0.0	-1.30e-03	-3.20	0.0	-5.16	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	9.03e-03	0.0	90.0	-5.16	-1.60	0.0	0.0	0.0	0.0
1967	1	46.81	0.0	-1.74e-03	-4.16	0.0	-7.95	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	90.0	-7.95	-2.08	0.0	0.0	0.0	0.0
1967	2	36.01	0.0	-1.34e-03	-3.20	0.0	-6.40	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-6.40	-1.60	0.0	0.0	0.0	0.0
1967	3	36.01	0.0	-1.33e-03	-3.20	0.0	-5.99	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-5.99	-1.60	0.0	0.0	0.0	0.0
1967	4	36.01	0.0	-1.32e-03	-3.20	0.0	-5.17	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-5.17	-1.60	0.0	0.0	0.0	0.0
1967	5	36.01	0.0	-1.32e-03	-3.20	0.0	-5.17	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-5.17	-1.60	0.0	0.0	0.0	0.0
1968	1	46.81	0.0	-1.24e-03	-4.16	0.0	2.19	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	4.95e-04	0.0	90.0	2.19	-2.08	0.0	0.0	0.0	0.0
1968	2	36.01	0.0	-9.43e-04	-3.20	0.0	1.75	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	3.63e-04	0.0	90.0	1.75	-1.60	0.0	0.0	0.0	0.0
1968	3	36.01	0.0	-9.61e-04	-3.20	0.0	1.65	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	3.88e-04	0.0	90.0	1.65	-1.60	0.0	0.0	0.0	0.0
1968	4	36.01	0.0	-9.98e-04	-3.20	0.0	1.47	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	4.26e-04	0.0	90.0	1.47	-1.60	0.0	0.0	0.0	0.0
1968	5	36.01	0.0	-9.98e-04	-3.20	0.0	1.47	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	4.26e-04	0.0	90.0	1.47	-1.60	0.0	0.0	0.0	0.0
1969	1	46.81	0.0	-1.31e-03	-4.16	0.0	-7.66	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-0.03	0.0	90.0	-7.66	-2.08	0.0	0.0	0.0	0.0
1969	2	36.01	0.0	-9.99e-04	-3.20	0.0	-6.17	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-6.17	-1.60	0.0	0.0	0.0	0.0
1969	3	36.01	0.0	-1.01e-03	-3.20	0.0	-5.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-5.77	-1.60	0.0	0.0	0.0	0.0
1969	4	36.01	0.0	-1.03e-03	-3.20	0.0	-4.98	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-4.98	-1.60	0.0	0.0	0.0	0.0
1969	5	36.01	0.0	-1.03e-03	-3.20	0.0	-4.98	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-4.98	-1.60	0.0	0.0	0.0	0.0
1970	1	46.81	0.0	-0.01	-4.16	0.0	-172.18	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	5.96e-04	0.0	90.0	-172.18	-2.08	0.0	0.0	0.0	0.0
1970	2	36.01	0.0	-8.84e-03	-3.20	0.0	-138.54	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	4.44e-04	0.0	90.0	-138.54	-1.60	0.0	0.0	0.0	0.0
1970	3	36.01	0.0	-8.27e-03	-3.20	0.0	-129.67	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	4.64e-04	0.0	90.0	-129.67	-1.60	0.0	0.0	0.0	0.0
1970	4	36.01	0.0	-7.12e-03	-3.20	0.0	-111.97	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	4.92e-04	0.0	90.0	-111.97	-1.60	0.0	0.0	0.0	0.0
1970	5	36.01	0.0	-7.12e-03	-3.20	0.0	-111.97	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	4.92e-04	0.0	90.0	-111.97	-1.60	0.0	0.0	0.0	0.0
1971	1	69.92	0.0	-7.61e-03	-5.09	0.0	-0.02	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	-0.02	-2.54	0.0	0.0	0.0	0.0
1971	2	53.79	0.0	-6.02e-03	-3.91	0.0	-0.01	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	-0.01	-1.96	0.0	0.0	0.0	0.0
1971	3	53.79	0.0	-5.78e-03	-3.91	0.0	-0.01	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-0.01	-1.96	0.0	0.0	0.0	0.0
1971	4	53.79	0.0	-5.31e-03	-3.91	0.0	-0.01	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-0.01	-1.96	0.0	0.0	0.0	0.0
1971	5	53.79	0.0	-5.31e-03	-3.91	0.0	-0.01	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-0.01	-1.96	0.0	0.0	0.0	0.0
1972	1	46.81	0.0	1.23e-03	-4.16	0.0	-153.11	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-4.17e-03	0.0	90.0	-153.11	-2.08	0.0	0.0	0.0	0.0
1972	2	36.01	0.0	9.91e-04	-3.20	0.0	-123.18	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.37e-03	0.0	90.0	-123.18	-1.60	0.0	0.0	0.0	0.0
1972	3	36.01	0.0	9.28e-04	-3.20	0.0	-115.35	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.13e-03	0.0	90.0	-115.35	-1.60	0.0	0.0	0.0	0.0
1972	4	36.01	0.0	-8.61e-04	-3.20	0.0	-99.75	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.68e-03	0.0	90.0	-99.75	-1.60	0.0	0.0	0.0	0.0
1972	5	36.01	0.0	-8.61e-04	-3.20	0.0	-99.75	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.68e-03	0.0	90.0	-99.75	-1.60	0.0	0.0	0.0	0.0
1973	1	69.92	0.0	-6.74e-03	-5.09	0.0	-22.35	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-0.06	0.0	110.0	-22.35	-2.54	0.0	0.0	0.0	0.0
1973	2	53.79	0.0	-5.31e-03	-3.91	0.0	-17.96	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.05	0.0	110.0	-17.96	-1.96	0.0	0.0	0.0	0.0
1973	3	53.79	0.0	-5.13e-03	-3.91	0.0	-16.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.05	0.0	110.0	-16.85	-1.96	0.0	0.0	0.0	0.0
1973	4	53.79	0.0	-4.79e-03	-3.91	0.0	-14.62	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.04	0.0	110.0	-14.62	-1.96	0.0	0.0	0.0	0.0
1973	5	53.79	0.0	-4.79e-03	-3.91	0.0	-14.62	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.04	0.0	110.0	-14.62	-1.96	0.0	0.0	0.0	0.0
1974	1	69.92	0.0	-0.01	-5.09	0.0	-18.46	2.54	0.0	0.0	0.0	0.0

		0.0	0.0	-9.54e-03	0.0	110.0	-18.46	-2.54	0.0	0.0	0.0	0.0
1974	2	53.79	0.0	-9.78e-03	-3.91	0.0	-14.84	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-7.68e-03	0.0	110.0	-14.84	-1.96	0.0	0.0	0.0	0.0
1974	3	53.79	0.0	-9.17e-03	-3.91	0.0	-13.91	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-7.19e-03	0.0	110.0	-13.91	-1.96	0.0	0.0	0.0	0.0
1974	4	53.79	0.0	-8.05e-03	-3.91	0.0	-12.07	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-6.20e-03	0.0	110.0	-12.07	-1.96	0.0	0.0	0.0	0.0
1974	5	53.79	0.0	-8.05e-03	-3.91	0.0	-12.07	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-6.20e-03	0.0	110.0	-12.07	-1.96	0.0	0.0	0.0	0.0
1975	1	46.81	0.0	0.01	-4.16	0.0	-0.53	2.08	0.0	15.35	0.0	0.0
		0.0	0.0	-6.69e-03	0.0	90.0	-0.53	-2.08	0.0	15.35	0.0	0.0
1975	2	36.01	0.0	0.01	-3.20	0.0	-0.43	1.60	0.0	12.36	0.0	0.0
		0.0	0.0	-5.38e-03	0.0	90.0	-0.43	-1.60	0.0	12.36	0.0	0.0
1975	3	36.01	0.0	9.99e-03	-3.20	0.0	-0.40	1.60	0.0	11.56	0.0	0.0
		0.0	0.0	-5.05e-03	0.0	90.0	-0.40	-1.60	0.0	11.56	0.0	0.0
1975	4	36.01	0.0	8.59e-03	-3.20	0.0	-0.34	1.60	0.0	9.96	0.0	0.0
		0.0	0.0	-4.36e-03	0.0	90.0	-0.34	-1.60	0.0	9.96	0.0	0.0
1975	5	36.01	0.0	8.59e-03	-3.20	0.0	-0.34	1.60	0.0	9.96	0.0	0.0
		0.0	0.0	-4.36e-03	0.0	90.0	-0.34	-1.60	0.0	9.96	0.0	0.0
1976	1	46.81	0.0	7.28e-03	-4.16	0.0	-48.53	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	-48.53	-2.08	0.0	0.0	0.0	0.0
1976	2	36.01	0.0	5.84e-03	-3.20	0.0	-39.00	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.68e-03	0.0	90.0	-39.00	-1.60	0.0	0.0	0.0	0.0
1976	3	36.01	0.0	5.50e-03	-3.20	0.0	-36.57	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.16e-03	0.0	90.0	-36.57	-1.60	0.0	0.0	0.0	0.0
1976	4	36.01	0.0	4.82e-03	-3.20	0.0	-31.72	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.11e-03	0.0	90.0	-31.72	-1.60	0.0	0.0	0.0	0.0
1976	5	36.01	0.0	4.82e-03	-3.20	0.0	-31.72	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.11e-03	0.0	90.0	-31.72	-1.60	0.0	0.0	0.0	0.0
1977	1	69.92	0.0	-0.02	-5.09	0.0	0.08	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	0.08	-2.54	0.0	0.0	0.0	0.0
1977	2	53.79	0.0	-0.01	-3.91	0.0	0.07	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	0.07	-1.96	0.0	0.0	0.0	0.0
1977	3	53.79	0.0	-0.01	-3.91	0.0	0.06	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	0.06	-1.96	0.0	0.0	0.0	0.0
1977	4	53.79	0.0	-9.75e-03	-3.91	0.0	0.05	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-9.12e-03	0.0	110.0	0.05	-1.96	0.0	0.0	0.0	0.0
1977	5	53.79	0.0	-9.75e-03	-3.91	0.0	0.05	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-9.12e-03	0.0	110.0	0.05	-1.96	0.0	0.0	0.0	0.0
1978	1	69.92	0.0	-4.99e-03	-5.09	0.0	-9.08	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-0.03	0.0	110.0	-9.08	-2.54	0.0	0.0	0.0	0.0
1978	2	53.79	0.0	-3.89e-03	-3.91	0.0	-7.29	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	-7.29	-1.96	0.0	0.0	0.0	0.0
1978	3	53.79	0.0	-3.82e-03	-3.91	0.0	-6.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	-6.85	-1.96	0.0	0.0	0.0	0.0
1978	4	53.79	0.0	-3.67e-03	-3.91	0.0	-5.96	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	-5.96	-1.96	0.0	0.0	0.0	0.0
1978	5	53.79	0.0	-3.67e-03	-3.91	0.0	-5.96	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	-5.96	-1.96	0.0	0.0	0.0	0.0
1979	1	46.81	0.0	-0.01	-4.16	0.0	-0.88	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-7.29e-04	0.0	90.0	-0.88	-2.08	0.0	0.0	0.0	0.0
1979	2	36.01	0.0	-8.28e-03	-3.20	0.0	-0.72	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.84e-04	0.0	90.0	-0.72	-1.60	0.0	0.0	0.0	0.0
1979	3	36.01	0.0	-7.73e-03	-3.20	0.0	-0.64	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.51e-04	0.0	90.0	-0.64	-1.60	0.0	0.0	0.0	0.0
1979	4	36.01	0.0	-6.63e-03	-3.20	0.0	-0.49	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.90e-04	0.0	90.0	-0.49	-1.60	0.0	0.0	0.0	0.0
1979	5	36.01	0.0	-6.63e-03	-3.20	0.0	-0.49	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.90e-04	0.0	90.0	-0.49	-1.60	0.0	0.0	0.0	0.0
1980	1	46.81	0.0	-5.43e-03	-4.16	0.0	-0.61	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	4.73e-03	0.0	90.0	-0.61	-2.08	0.0	0.0	0.0	0.0
1980	2	36.01	0.0	-4.36e-03	-3.20	0.0	-0.49	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	3.80e-03	0.0	90.0	-0.49	-1.60	0.0	0.0	0.0	0.0
1980	3	36.01	0.0	-4.10e-03	-3.20	0.0	-0.46	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	3.57e-03	0.0	90.0	-0.46	-1.60	0.0	0.0	0.0	0.0
1980	4	36.01	0.0	-3.60e-03	-3.20	0.0	-0.40	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	3.10e-03	0.0	90.0	-0.40	-1.60	0.0	0.0	0.0	0.0
1980	5	36.01	0.0	-3.60e-03	-3.20	0.0	-0.40	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	3.10e-03	0.0	90.0	-0.40	-1.60	0.0	0.0	0.0	0.0
1981	1	69.92	0.0	-4.96e-03	-5.09	0.0	8.32e-03	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-0.03	0.0	110.0	8.32e-03	-2.54	0.0	0.0	0.0	0.0
1981	2	53.79	0.0	-3.87e-03	-3.91	0.0	6.73e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	6.73e-03	-1.96	0.0	0.0	0.0	0.0
1981	3	53.79	0.0	-3.79e-03	-3.91	0.0	6.26e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	6.26e-03	-1.96	0.0	0.0	0.0	0.0
1981	4	53.79	0.0	-3.64e-03	-3.91	0.0	5.33e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	5.33e-03	-1.96	0.0	0.0	0.0	0.0

1981	5	53.79	0.0	-3.64e-03	-3.91	0.0	5.33e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	5.33e-03	-1.96	0.0	0.0	0.0	0.0
1984	1	69.92	0.0	-2.87e-03	-5.09	0.0	-8.66	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.08	0.0	110.0	-8.66	-2.54	0.0	0.0	0.0	0.0
1984	2	53.79	0.0	-2.19e-03	-3.91	0.0	-6.98	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.07	0.0	110.0	-6.98	-1.96	0.0	0.0	0.0	0.0
1984	3	53.79	0.0	-2.22e-03	-3.91	0.0	-6.53	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.06	0.0	110.0	-6.53	-1.96	0.0	0.0	0.0	0.0
1984	4	53.79	0.0	-2.29e-03	-3.91	0.0	-5.63	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.05	0.0	110.0	-5.63	-1.96	0.0	0.0	0.0	0.0
1984	5	53.79	0.0	-2.29e-03	-3.91	0.0	-5.63	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.05	0.0	110.0	-5.63	-1.96	0.0	0.0	0.0	0.0
1986	1	69.92	0.0	-0.05	-5.09	0.0	-316.25	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-4.71e-03	0.0	110.0	-316.25	-2.54	0.0	0.0	0.0	0.0
1986	2	53.79	0.0	-0.04	-3.91	0.0	-254.93	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.80e-03	0.0	110.0	-254.93	-1.96	0.0	0.0	0.0	0.0
1986	3	53.79	0.0	-0.04	-3.91	0.0	-237.94	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.55e-03	0.0	110.0	-237.94	-1.96	0.0	0.0	0.0	0.0
1986	4	53.79	0.0	-0.03	-3.91	0.0	-204.08	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.05e-03	0.0	110.0	-204.08	-1.96	0.0	0.0	0.0	0.0
1986	5	53.79	0.0	-0.03	-3.91	0.0	-204.08	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.05e-03	0.0	110.0	-204.08	-1.96	0.0	0.0	0.0	0.0
1987	1	69.92	0.0	0.05	-5.09	0.0	-316.39	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-6.20e-04	0.0	110.0	-316.39	-2.54	0.0	0.0	0.0	0.0
1987	2	53.79	0.0	0.04	-3.91	0.0	-255.04	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-5.07e-04	0.0	110.0	-255.04	-1.96	0.0	0.0	0.0	0.0
1987	3	53.79	0.0	0.04	-3.91	0.0	-238.15	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-4.72e-04	0.0	110.0	-238.15	-1.96	0.0	0.0	0.0	0.0
1987	4	53.79	0.0	0.03	-3.91	0.0	-204.27	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-4.12e-04	0.0	110.0	-204.27	-1.96	0.0	0.0	0.0	0.0
1987	5	53.79	0.0	0.03	-3.91	0.0	-204.27	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-4.12e-04	0.0	110.0	-204.27	-1.96	0.0	0.0	0.0	0.0
1994	1	46.81	0.0	-1.81e-03	-4.16	0.0	35.42	2.08	0.0	-2.70	0.0	0.0
		0.0	0.0	-2.14e-03	0.0	90.0	35.42	-2.08	0.0	-2.70	0.0	0.0
1994	2	36.01	0.0	-1.38e-03	-3.20	0.0	28.46	1.60	0.0	-2.15	0.0	0.0
		0.0	0.0	-1.72e-03	0.0	90.0	28.46	-1.60	0.0	-2.15	0.0	0.0
1994	3	36.01	0.0	-1.40e-03	-3.20	0.0	26.70	1.60	0.0	-2.04	0.0	0.0
		0.0	0.0	-1.61e-03	0.0	90.0	26.70	-1.60	0.0	-2.04	0.0	0.0
1994	4	36.01	0.0	-1.44e-03	-3.20	0.0	23.23	1.60	0.0	-1.81	0.0	0.0
		0.0	0.0	-1.38e-03	0.0	90.0	23.23	-1.60	0.0	-1.81	0.0	0.0
1994	5	36.01	0.0	-1.44e-03	-3.20	0.0	23.23	1.60	0.0	-1.81	0.0	0.0
		0.0	0.0	-1.38e-03	0.0	90.0	23.23	-1.60	0.0	-1.81	0.0	0.0
1995	1	46.81	0.0	-0.01	-4.16	0.0	35.73	2.08	0.0	-5.74	0.0	0.0
		0.0	0.0	-2.41e-03	0.0	90.0	35.73	-2.08	0.0	-5.74	0.0	0.0
1995	2	36.01	0.0	-0.01	-3.20	0.0	28.71	1.60	0.0	-4.66	0.0	0.0
		0.0	0.0	-1.94e-03	0.0	90.0	28.71	-1.60	0.0	-4.66	0.0	0.0
1995	3	36.01	0.0	-9.78e-03	-3.20	0.0	26.93	1.60	0.0	-4.32	0.0	0.0
		0.0	0.0	-1.81e-03	0.0	90.0	26.93	-1.60	0.0	-4.32	0.0	0.0
1995	4	36.01	0.0	-8.42e-03	-3.20	0.0	23.43	1.60	0.0	-3.63	0.0	0.0
		0.0	0.0	-1.56e-03	0.0	90.0	23.43	-1.60	0.0	-3.63	0.0	0.0
1995	5	36.01	0.0	-8.42e-03	-3.20	0.0	23.43	1.60	0.0	-3.63	0.0	0.0
		0.0	0.0	-1.56e-03	0.0	90.0	23.43	-1.60	0.0	-3.63	0.0	0.0
1997	1	46.81	0.0	-4.81e-03	-4.16	0.0	64.73	2.08	0.0	-17.67	0.0	0.0
		0.0	0.0	-3.55e-03	0.0	90.0	64.73	-2.08	0.0	-17.67	0.0	0.0
1997	2	36.01	0.0	-3.95e-03	-3.20	0.0	52.13	1.60	0.0	-14.26	0.0	0.0
		0.0	0.0	-2.86e-03	0.0	90.0	52.13	-1.60	0.0	-14.26	0.0	0.0
1997	3	36.01	0.0	-3.60e-03	-3.20	0.0	48.75	1.60	0.0	-13.29	0.0	0.0
		0.0	0.0	-2.67e-03	0.0	90.0	48.75	-1.60	0.0	-13.29	0.0	0.0
1997	4	36.01	0.0	-3.00e-03	-3.20	0.0	42.05	1.60	0.0	-11.39	0.0	0.0
		0.0	0.0	-2.27e-03	0.0	90.0	42.05	-1.60	0.0	-11.39	0.0	0.0
1997	5	36.01	0.0	-3.00e-03	-3.20	0.0	42.05	1.60	0.0	-11.39	0.0	0.0
		0.0	0.0	-2.27e-03	0.0	90.0	42.05	-1.60	0.0	-11.39	0.0	0.0
1998	1	26.68	0.0	-4.89e-03	-3.93	0.0	9.32	2.36	0.20	0.87	-17.27	-33.24
		-33.24	-17.27	-0.01	0.0	85.0	9.32	-1.57	0.20	0.87	0.0	0.0
1998	2	20.51	0.0	-3.99e-03	-3.02	0.0	8.34	1.81	0.16	0.70	-13.88	-25.60
		-25.60	-13.88	-8.66e-03	0.0	85.0	8.34	-1.21	0.16	0.70	0.0	0.0
1998	3	20.52	0.0	-3.66e-03	-3.02	0.0	6.67	1.81	0.15	0.65	-13.00	-25.56
		-25.56	-13.00	-8.10e-03	0.0	85.0	6.67	-1.21	0.15	0.65	0.0	0.0
1998	4	20.57	0.0	-2.99e-03	-3.02	0.0	3.19	1.81	0.13	0.55	-11.29	-25.44
		-25.44	-11.29	-6.99e-03	0.0	85.0	3.19	-1.21	0.13	0.55	0.0	0.0
1998	5	20.57	0.0	-2.99e-03	-3.02	0.0	3.19	1.81	0.13	0.55	-11.29	-25.44
		-25.44	-11.29	-6.99e-03	0.0	85.0	3.19	-1.21	0.13	0.55	0.0	0.0
1999	1	46.81	0.0	-0.01	-4.16	0.0	-0.03	2.08	0.0	-1.52	0.0	0.0
		0.0	0.0	-2.59e-03	0.0	90.0	-0.03	-2.08	0.0	-1.52	0.0	0.0
1999	2	36.01	0.0	-0.01	-3.20	0.0	-0.03	1.60	0.0	-1.26	0.0	0.0
		0.0	0.0	-2.09e-03	0.0	90.0	-0.03	-1.60	0.0	-1.26	0.0	0.0
1999	3	36.01	0.0	-0.01	-3.20	0.0	-0.02	1.60	0.0	-1.13	0.0	0.0

		0.0	0.0	-1.95e-03	0.0	90.0	-0.02	-1.60	0.0	-1.13	0.0	0.0
1999	4	36.01	0.0	-8.90e-03	-3.20	0.0	-0.02	1.60	0.0	-0.86	0.0	0.0
		0.0	0.0	-1.67e-03	0.0	90.0	-0.02	-1.60	0.0	-0.86	0.0	0.0
1999	5	36.01	0.0	-8.90e-03	-3.20	0.0	-0.02	1.60	0.0	-0.86	0.0	0.0
		0.0	0.0	-1.67e-03	0.0	90.0	-0.02	-1.60	0.0	-0.86	0.0	0.0
2000	1	46.81	0.0	7.57e-03	-4.16	0.0	64.91	2.08	0.0	7.97	0.0	0.0
		0.0	0.0	-2.17e-03	0.0	90.0	64.91	-2.08	0.0	7.97	0.0	0.0
2000	2	36.01	0.0	6.14e-03	-3.20	0.0	52.27	1.60	0.0	6.50	0.0	0.0
		0.0	0.0	-1.74e-03	0.0	90.0	52.27	-1.60	0.0	6.50	0.0	0.0
2000	3	36.01	0.0	5.68e-03	-3.20	0.0	48.88	1.60	0.0	5.97	0.0	0.0
		0.0	0.0	-1.64e-03	0.0	90.0	48.88	-1.60	0.0	5.97	0.0	0.0
2000	4	36.01	0.0	4.82e-03	-3.20	0.0	42.17	1.60	0.0	4.94	0.0	0.0
		0.0	0.0	-1.43e-03	0.0	90.0	42.17	-1.60	0.0	4.94	0.0	0.0
2000	5	36.01	0.0	4.82e-03	-3.20	0.0	42.17	1.60	0.0	4.94	0.0	0.0
		0.0	0.0	-1.43e-03	0.0	90.0	42.17	-1.60	0.0	4.94	0.0	0.0
2001	1	46.81	0.0	-0.01	-4.16	0.0	-3.56	2.08	0.0	2.72	0.0	0.0
		0.0	0.0	-2.06e-03	0.0	90.0	-3.56	-2.08	0.0	2.72	0.0	0.0
2001	2	36.01	0.0	-9.95e-03	-3.20	0.0	-2.87	1.60	0.0	2.17	0.0	0.0
		0.0	0.0	-1.66e-03	0.0	90.0	-2.87	-1.60	0.0	2.17	0.0	0.0
2001	3	36.01	0.0	-9.26e-03	-3.20	0.0	-2.70	1.60	0.0	2.06	0.0	0.0
		0.0	0.0	-1.55e-03	0.0	90.0	-2.70	-1.60	0.0	2.06	0.0	0.0
2001	4	36.01	0.0	-7.88e-03	-3.20	0.0	-2.37	1.60	0.0	1.84	0.0	0.0
		0.0	0.0	-1.34e-03	0.0	90.0	-2.37	-1.60	0.0	1.84	0.0	0.0
2001	5	36.01	0.0	-7.88e-03	-3.20	0.0	-2.37	1.60	0.0	1.84	0.0	0.0
		0.0	0.0	-1.34e-03	0.0	90.0	-2.37	-1.60	0.0	1.84	0.0	0.0
2002	1	25.45	12.74	-1.37e-03	-3.93	0.0	-164.27	2.39	-0.15	0.87	12.74	-36.51
		-36.51	0.0	-3.02e-04	0.0	85.0	-164.27	-1.54	-0.15	0.87	0.0	0.0
2002	2	19.32	10.21	-1.20e-03	-3.02	0.0	-131.29	1.85	-0.12	0.70	10.21	-28.77
		-28.77	0.0	-2.49e-04	0.0	85.0	-131.29	-1.17	-0.12	0.70	0.0	0.0
2002	3	19.69	9.63	-9.91e-04	-3.02	0.0	-124.13	1.84	-0.11	0.66	9.63	-27.77
		-27.77	0.0	-2.25e-04	0.0	85.0	-124.13	-1.18	-0.11	0.66	0.0	0.0
2002	4	20.42	8.42	-6.45e-04	-3.02	0.0	-109.88	1.82	-0.10	0.58	8.42	-25.84
		-25.84	0.0	-1.77e-04	0.0	85.0	-109.88	-1.21	-0.10	0.58	0.0	0.0
2002	5	20.42	8.42	-6.45e-04	-3.02	0.0	-109.88	1.82	-0.10	0.58	8.42	-25.84
		-25.84	0.0	-1.77e-04	0.0	85.0	-109.88	-1.21	-0.10	0.58	0.0	0.0
2003	1	23.96	1.57	1.73e-03	-3.93	0.0	-168.51	1.49	0.02	1.29	0.0	0.0
		-40.49	0.0	-4.12e-03	0.0	85.0	-168.51	-2.44	0.02	1.29	1.57	-40.49
2003	2	18.11	1.22	1.56e-03	-3.02	0.0	-134.81	1.13	0.01	1.04	0.0	0.0
		-31.99	0.0	-3.31e-03	0.0	85.0	-134.81	-1.89	0.01	1.04	1.22	-31.99
2003	3	18.55	1.20	1.23e-03	-3.02	0.0	-127.30	1.15	0.01	0.98	0.0	0.0
		-30.82	0.0	-3.11e-03	0.0	85.0	-127.30	-1.87	0.01	0.98	1.20	-30.82
2003	4	19.43	1.21	5.96e-04	-3.02	0.0	-112.29	1.18	0.01	0.85	0.0	0.0
		-28.48	0.0	-2.71e-03	0.0	85.0	-112.29	-1.85	0.01	0.85	1.21	-28.48
2003	5	19.43	1.21	5.96e-04	-3.02	0.0	-112.29	1.18	0.01	0.85	0.0	0.0
		-28.48	0.0	-2.71e-03	0.0	85.0	-112.29	-1.85	0.01	0.85	1.21	-28.48
2004	1	46.81	0.0	-1.71e-03	-4.16	0.0	4.64	2.08	0.0	-1.54	0.0	0.0
		0.0	0.0	-1.44e-03	0.0	90.0	4.64	-2.08	0.0	-1.54	0.0	0.0
2004	2	36.01	0.0	-1.36e-03	-3.20	0.0	3.67	1.60	0.0	-1.24	0.0	0.0
		0.0	0.0	-1.15e-03	0.0	90.0	3.67	-1.60	0.0	-1.24	0.0	0.0
2004	3	36.01	0.0	-1.30e-03	-3.20	0.0	3.52	1.60	0.0	-1.16	0.0	0.0
		0.0	0.0	-1.09e-03	0.0	90.0	3.52	-1.60	0.0	-1.16	0.0	0.0
2004	4	36.01	0.0	-1.16e-03	-3.20	0.0	3.20	1.60	0.0	-1.00	0.0	0.0
		0.0	0.0	-9.60e-04	0.0	90.0	3.20	-1.60	0.0	-1.00	0.0	0.0
2004	5	36.01	0.0	-1.16e-03	-3.20	0.0	3.20	1.60	0.0	-1.00	0.0	0.0
		0.0	0.0	-9.60e-04	0.0	90.0	3.20	-1.60	0.0	-1.00	0.0	0.0
2005	1	7.18	12.92	4.21e-04	-4.16	0.0	-168.51	2.15	0.13	1.29	1.57	-42.78
		-42.78	1.57	-3.31e-03	0.0	90.0	-168.51	-2.01	0.13	1.29	12.92	-36.47
2005	2	4.73	10.36	3.48e-04	-3.20	0.0	-134.81	1.66	0.10	1.04	1.22	-33.84
		-33.84	1.22	-2.66e-03	0.0	90.0	-134.81	-1.54	0.10	1.04	10.36	-28.71
2005	3	5.88	9.75	3.12e-04	-3.20	0.0	-127.30	1.65	0.10	0.98	1.20	-32.53
		-32.53	1.20	-2.49e-03	0.0	90.0	-127.30	-1.55	0.10	0.98	9.75	-27.72
2005	4	8.10	8.49	2.56e-04	-3.20	0.0	-112.29	1.65	0.08	0.85	1.21	-29.93
		-29.93	1.21	-2.14e-03	0.0	90.0	-112.29	-1.56	0.08	0.85	8.49	-25.88
2005	5	8.10	8.49	2.56e-04	-3.20	0.0	-112.29	1.65	0.08	0.85	1.21	-29.93
		-29.93	1.21	-2.14e-03	0.0	90.0	-112.29	-1.56	0.08	0.85	8.49	-25.88
2006	1	69.92	0.0	-0.02	-5.09	0.0	-17.92	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-17.92	-2.54	0.0	0.0	0.0	0.0
2006	2	53.79	0.0	-0.01	-3.91	0.0	-14.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-14.42	-1.96	0.0	0.0	0.0	0.0
2006	3	53.79	0.0	-0.01	-3.91	0.0	-13.50	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-13.50	-1.96	0.0	0.0	0.0	0.0
2006	4	53.79	0.0	-0.01	-3.91	0.0	-11.66	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-8.96e-03	0.0	110.0	-11.66	-1.96	0.0	0.0	0.0	0.0
2006	5	53.79	0.0	-0.01	-3.91	0.0	-11.66	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-8.96e-03	0.0	110.0	-11.66	-1.96	0.0	0.0	0.0	0.0
2007	1	69.92	0.0	0.02	-5.09	0.0	-21.66	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.16	0.0	110.0	-21.66	-2.54	0.0	0.0	0.0	0.0

2007	2	53.79	0.0	0.02	-3.91	0.0	-17.44	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.13	0.0	110.0	-17.44	-1.96	0.0	0.0	0.0	0.0
2007	3	53.79	0.0	0.02	-3.91	0.0	-16.31	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.12	0.0	110.0	-16.31	-1.96	0.0	0.0	0.0	0.0
2007	4	53.79	0.0	0.01	-3.91	0.0	-14.05	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.10	0.0	110.0	-14.05	-1.96	0.0	0.0	0.0	0.0
2007	5	53.79	0.0	0.01	-3.91	0.0	-14.05	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.10	0.0	110.0	-14.05	-1.96	0.0	0.0	0.0	0.0
2008	1	25.27	12.92	-7.98e-04	-3.93	0.0	-168.20	2.40	-0.15	1.29	12.92	-36.98
		-36.98	0.0	-4.61e-04	0.0	85.0	-168.20	-1.53	-0.15	1.29	0.0	0.0
2008	2	19.20	10.36	-7.10e-04	-3.02	0.0	-134.55	1.85	-0.12	1.04	10.36	-29.10
		-29.10	0.0	-3.78e-04	0.0	85.0	-134.55	-1.17	-0.12	1.04	0.0	0.0
2008	3	19.56	9.75	-5.71e-04	-3.02	0.0	-127.07	1.84	-0.11	0.98	9.75	-28.12
		-28.12	0.0	-3.45e-04	0.0	85.0	-127.07	-1.18	-0.11	0.98	0.0	0.0
2008	4	20.26	8.49	-3.45e-04	-3.02	0.0	-112.12	1.82	-0.10	0.85	8.49	-26.27
		-26.27	0.0	-2.78e-04	0.0	85.0	-112.12	-1.20	-0.10	0.85	0.0	0.0
2008	5	20.26	8.49	-3.45e-04	-3.02	0.0	-112.12	1.82	-0.10	0.85	8.49	-26.27
		-26.27	0.0	-2.78e-04	0.0	85.0	-112.12	-1.20	-0.10	0.85	0.0	0.0
2009	1	69.92	0.0	-0.01	-5.09	0.0	0.11	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	0.11	-2.54	0.0	0.0	0.0	0.0
2009	2	53.79	0.0	-8.64e-03	-3.91	0.0	0.09	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	0.09	-1.96	0.0	0.0	0.0	0.0
2009	3	53.79	0.0	-8.10e-03	-3.91	0.0	0.08	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-9.58e-03	0.0	110.0	0.08	-1.96	0.0	0.0	0.0	0.0
2009	4	53.79	0.0	-7.10e-03	-3.91	0.0	0.07	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-8.27e-03	0.0	110.0	0.07	-1.96	0.0	0.0	0.0	0.0
2009	5	53.79	0.0	-7.10e-03	-3.91	0.0	0.07	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-8.27e-03	0.0	110.0	0.07	-1.96	0.0	0.0	0.0	0.0
2012	1	25.88	2.21	-6.13e-04	-3.93	0.0	-131.39	1.55	0.03	-0.81	0.0	0.0
		-35.35	0.0	-3.33e-03	0.0	85.0	-131.39	-2.38	0.03	-0.81	2.21	-35.35
2012	2	19.73	1.73	-4.08e-04	-3.02	0.0	-104.91	1.19	0.02	-0.66	0.0	0.0
		-27.67	0.0	-2.67e-03	0.0	85.0	-104.91	-1.84	0.02	-0.66	1.73	-27.67
2012	3	19.98	1.68	-4.98e-04	-3.02	0.0	-99.35	1.19	0.02	-0.61	0.0	0.0
		-27.02	0.0	-2.51e-03	0.0	85.0	-99.35	-1.83	0.02	-0.61	1.68	-27.02
2012	4	20.48	1.63	-6.87e-04	-3.02	0.0	-88.25	1.21	0.02	-0.52	0.0	0.0
		-25.67	0.0	-2.20e-03	0.0	85.0	-88.25	-1.81	0.02	-0.52	1.63	-25.67
2012	5	20.48	1.63	-6.87e-04	-3.02	0.0	-88.25	1.21	0.02	-0.52	0.0	0.0
		-25.67	0.0	-2.20e-03	0.0	85.0	-88.25	-1.81	0.02	-0.52	1.63	-25.67
2014	1	46.81	0.0	-3.33e-03	-4.16	0.0	0.04	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-4.54e-03	0.0	90.0	0.04	-2.08	0.0	0.0	0.0	0.0
2014	2	36.01	0.0	-2.66e-03	-3.20	0.0	0.03	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.68e-03	0.0	90.0	0.03	-1.60	0.0	0.0	0.0	0.0
2014	3	36.01	0.0	-2.52e-03	-3.20	0.0	0.03	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.40e-03	0.0	90.0	0.03	-1.60	0.0	0.0	0.0	0.0
2014	4	36.01	0.0	-2.24e-03	-3.20	0.0	0.02	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.87e-03	0.0	90.0	0.02	-1.60	0.0	0.0	0.0	0.0
2014	5	36.01	0.0	-2.24e-03	-3.20	0.0	0.02	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.87e-03	0.0	90.0	0.02	-1.60	0.0	0.0	0.0	0.0
2015	1	46.81	0.0	-2.61e-03	-4.16	0.0	-0.07	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.75e-03	0.0	90.0	-0.07	-2.08	0.0	0.0	0.0	0.0
2015	2	36.01	0.0	-2.06e-03	-3.20	0.0	-0.06	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.22e-03	0.0	90.0	-0.06	-1.60	0.0	0.0	0.0	0.0
2015	3	36.01	0.0	-1.99e-03	-3.20	0.0	-0.06	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.07e-03	0.0	90.0	-0.06	-1.60	0.0	0.0	0.0	0.0
2015	4	36.01	0.0	-1.86e-03	-3.20	0.0	-0.05	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.77e-03	0.0	90.0	-0.05	-1.60	0.0	0.0	0.0	0.0
2015	5	36.01	0.0	-1.86e-03	-3.20	0.0	-0.05	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.77e-03	0.0	90.0	-0.05	-1.60	0.0	0.0	0.0	0.0
2029	1	46.81	0.0	-1.42e-03	-4.16	0.0	2.65	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	2.65	-2.08	0.0	0.0	0.0	0.0
2029	2	36.01	0.0	-1.09e-03	-3.20	0.0	2.11	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.47e-03	0.0	90.0	2.11	-1.60	0.0	0.0	0.0	0.0
2029	3	36.01	0.0	-1.09e-03	-3.20	0.0	2.00	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.97e-03	0.0	90.0	2.00	-1.60	0.0	0.0	0.0	0.0
2029	4	36.01	0.0	-1.09e-03	-3.20	0.0	1.78	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.94e-03	0.0	90.0	1.78	-1.60	0.0	0.0	0.0	0.0
2029	5	36.01	0.0	-1.09e-03	-3.20	0.0	1.78	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.94e-03	0.0	90.0	1.78	-1.60	0.0	0.0	0.0	0.0
2030	1	46.81	0.0	-1.46e-03	-4.16	0.0	3.20	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.05e-03	0.0	90.0	3.20	-2.08	0.0	0.0	0.0	0.0
2030	2	36.01	0.0	-1.11e-03	-3.20	0.0	2.55	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.45e-04	0.0	90.0	2.55	-1.60	0.0	0.0	0.0	0.0
2030	3	36.01	0.0	-1.12e-03	-3.20	0.0	2.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.95e-04	0.0	90.0	2.42	-1.60	0.0	0.0	0.0	0.0
2030	4	36.01	0.0	-1.14e-03	-3.20	0.0	2.14	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.95e-04	0.0	90.0	2.14	-1.60	0.0	0.0	0.0	0.0
2030	5	36.01	0.0	-1.14e-03	-3.20	0.0	2.14	1.60	0.0	0.0	0.0	0.0





		0.0	0.0	-6.95e-04	0.0	90.0	2.14	-1.60	0.0	0.0	0.0	0.0
2031	1	46.81	0.0	-1.97e-03	-4.16	0.0	3.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	5.48e-03	0.0	90.0	3.85	-2.08	0.0	0.0	0.0	0.0
2031	2	36.01	0.0	-1.52e-03	-3.20	0.0	3.08	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	4.41e-03	0.0	90.0	3.08	-1.60	0.0	0.0	0.0	0.0
2031	3	36.01	0.0	-1.51e-03	-3.20	0.0	2.91	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	4.14e-03	0.0	90.0	2.91	-1.60	0.0	0.0	0.0	0.0
2031	4	36.01	0.0	-1.49e-03	-3.20	0.0	2.58	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	3.57e-03	0.0	90.0	2.58	-1.60	0.0	0.0	0.0	0.0
2031	5	36.01	0.0	-1.49e-03	-3.20	0.0	2.58	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	3.57e-03	0.0	90.0	2.58	-1.60	0.0	0.0	0.0	0.0
2032	1	69.92	0.0	-4.48e-03	-5.09	0.0	-5.37	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-0.03	0.0	110.0	-5.37	-2.54	0.0	0.0	0.0	0.0
2032	2	53.79	0.0	-3.48e-03	-3.91	0.0	-4.30	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	-4.30	-1.96	0.0	0.0	0.0	0.0
2032	3	53.79	0.0	-3.43e-03	-3.91	0.0	-4.05	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	-4.05	-1.96	0.0	0.0	0.0	0.0
2032	4	53.79	0.0	-3.34e-03	-3.91	0.0	-3.54	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	-3.54	-1.96	0.0	0.0	0.0	0.0
2032	5	53.79	0.0	-3.34e-03	-3.91	0.0	-3.54	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	-3.54	-1.96	0.0	0.0	0.0	0.0
2033	1	46.81	0.0	1.16e-03	-4.16	0.0	-50.28	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.05e-03	0.0	90.0	-50.28	-2.08	0.0	0.0	0.0	0.0
2033	2	36.01	0.0	9.36e-04	-3.20	0.0	-40.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.45e-04	0.0	90.0	-40.42	-1.60	0.0	0.0	0.0	0.0
2033	3	36.01	0.0	8.75e-04	-3.20	0.0	-37.89	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.95e-04	0.0	90.0	-37.89	-1.60	0.0	0.0	0.0	0.0
2033	4	36.01	0.0	-8.86e-04	-3.20	0.0	-32.86	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.95e-04	0.0	90.0	-32.86	-1.60	0.0	0.0	0.0	0.0
2033	5	36.01	0.0	-8.86e-04	-3.20	0.0	-32.86	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.95e-04	0.0	90.0	-32.86	-1.60	0.0	0.0	0.0	0.0
2034	1	46.81	0.0	-1.20e-03	-4.16	0.0	-155.45	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-8.63e-03	0.0	90.0	-155.45	-2.08	0.0	0.0	0.0	0.0
2034	2	36.01	0.0	-9.05e-04	-3.20	0.0	-125.06	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.95e-03	0.0	90.0	-125.06	-1.60	0.0	0.0	0.0	0.0
2034	3	36.01	0.0	-9.33e-04	-3.20	0.0	-117.11	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.51e-03	0.0	90.0	-117.11	-1.60	0.0	0.0	0.0	0.0
2034	4	36.01	0.0	-9.89e-04	-3.20	0.0	-101.26	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.62e-03	0.0	90.0	-101.26	-1.60	0.0	0.0	0.0	0.0
2034	5	36.01	0.0	-9.89e-04	-3.20	0.0	-101.26	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.62e-03	0.0	90.0	-101.26	-1.60	0.0	0.0	0.0	0.0
2035	1	46.81	0.0	-0.01	-4.16	0.0	-123.31	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	3.14e-03	0.0	90.0	-123.31	-2.08	0.0	0.0	0.0	0.0
2035	2	36.01	0.0	-9.70e-03	-3.20	0.0	-99.18	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	2.53e-03	0.0	90.0	-99.18	-1.60	0.0	0.0	0.0	0.0
2035	3	36.01	0.0	-9.05e-03	-3.20	0.0	-92.96	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	2.37e-03	0.0	90.0	-92.96	-1.60	0.0	0.0	0.0	0.0
2035	4	36.01	0.0	-7.76e-03	-3.20	0.0	-80.54	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	2.05e-03	0.0	90.0	-80.54	-1.60	0.0	0.0	0.0	0.0
2035	5	36.01	0.0	-7.76e-03	-3.20	0.0	-80.54	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	2.05e-03	0.0	90.0	-80.54	-1.60	0.0	0.0	0.0	0.0
2036	1	46.81	0.0	1.98e-03	-4.16	0.0	-10.30	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	-10.30	-2.08	0.0	0.0	0.0	0.0
2036	2	36.01	0.0	1.54e-03	-3.20	0.0	-8.25	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.77e-03	0.0	90.0	-8.25	-1.60	0.0	0.0	0.0	0.0
2036	3	36.01	0.0	1.52e-03	-3.20	0.0	-7.82	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.16e-03	0.0	90.0	-7.82	-1.60	0.0	0.0	0.0	0.0
2036	4	36.01	0.0	1.47e-03	-3.20	0.0	-6.91	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.95e-03	0.0	90.0	-6.91	-1.60	0.0	0.0	0.0	0.0
2036	5	36.01	0.0	1.47e-03	-3.20	0.0	-6.91	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.95e-03	0.0	90.0	-6.91	-1.60	0.0	0.0	0.0	0.0
2037	1	46.81	0.0	3.62e-03	-4.16	0.0	-52.05	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	5.60e-03	0.0	90.0	-52.05	-2.08	0.0	0.0	0.0	0.0
2037	2	36.01	0.0	2.95e-03	-3.20	0.0	-41.85	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	4.51e-03	0.0	90.0	-41.85	-1.60	0.0	0.0	0.0	0.0
2037	3	36.01	0.0	2.71e-03	-3.20	0.0	-39.23	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	4.23e-03	0.0	90.0	-39.23	-1.60	0.0	0.0	0.0	0.0
2037	4	36.01	0.0	2.25e-03	-3.20	0.0	-34.01	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	3.65e-03	0.0	90.0	-34.01	-1.60	0.0	0.0	0.0	0.0
2037	5	36.01	0.0	2.25e-03	-3.20	0.0	-34.01	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	3.65e-03	0.0	90.0	-34.01	-1.60	0.0	0.0	0.0	0.0
2038	1	69.92	0.0	3.30e-03	-5.09	0.0	4.67e-03	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.08	0.0	110.0	4.67e-03	-2.54	0.0	0.0	0.0	0.0
2038	2	53.79	0.0	2.66e-03	-3.91	0.0	3.79e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.07	0.0	110.0	3.79e-03	-1.96	0.0	0.0	0.0	0.0
2038	3	53.79	0.0	2.49e-03	-3.91	0.0	3.51e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.06	0.0	110.0	3.51e-03	-1.96	0.0	0.0	0.0	0.0

2038	4	53.79	0.0	2.14e-03	-3.91	0.0	2.95e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.05	0.0	110.0	2.95e-03	-1.96	0.0	0.0	0.0	0.0
2038	5	53.79	0.0	2.14e-03	-3.91	0.0	2.95e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.05	0.0	110.0	2.95e-03	-1.96	0.0	0.0	0.0	0.0
2040	1	46.81	0.0	-1.82e-03	-4.16	0.0	-11.36	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.18e-03	0.0	90.0	-11.36	-2.08	0.0	0.0	0.0	0.0
2040	2	36.01	0.0	-1.41e-03	-3.20	0.0	-9.10	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.48e-04	0.0	90.0	-9.10	-1.60	0.0	0.0	0.0	0.0
2040	3	36.01	0.0	-1.40e-03	-3.20	0.0	-8.62	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.89e-04	0.0	90.0	-8.62	-1.60	0.0	0.0	0.0	0.0
2040	4	36.01	0.0	-1.37e-03	-3.20	0.0	-7.60	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.72e-04	0.0	90.0	-7.60	-1.60	0.0	0.0	0.0	0.0
2040	5	36.01	0.0	-1.37e-03	-3.20	0.0	-7.60	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.72e-04	0.0	90.0	-7.60	-1.60	0.0	0.0	0.0	0.0
2042	1	46.81	0.0	-0.02	-4.16	0.0	-88.31	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-3.95e-03	0.0	90.0	-88.31	-2.08	0.0	0.0	0.0	0.0
2042	2	36.01	0.0	-0.02	-3.20	0.0	-71.31	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.19e-03	0.0	90.0	-71.31	-1.60	0.0	0.0	0.0	0.0
2042	3	36.01	0.0	-0.01	-3.20	0.0	-66.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.97e-03	0.0	90.0	-66.43	-1.60	0.0	0.0	0.0	0.0
2042	4	36.01	0.0	-0.01	-3.20	0.0	-55.94	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.54e-03	0.0	90.0	-55.94	-1.60	0.0	0.0	0.0	0.0
2042	5	36.01	0.0	-0.01	-3.20	0.0	-55.94	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.54e-03	0.0	90.0	-55.94	-1.60	0.0	0.0	0.0	0.0
2044	1	21.24	0.0	4.14e-03	-3.93	0.0	-167.32	1.40	-9.39e-03	1.44	0.0	0.0
		-47.73	-0.80	-3.84e-03	0.0	85.0	-167.32	-2.53	-9.39e-03	1.44	-0.80	-47.73
2044	2	15.86	0.0	3.52e-03	-3.02	0.0	-133.43	1.06	-8.18e-03	1.16	0.0	0.0
		-38.00	-0.70	-3.08e-03	0.0	85.0	-133.43	-1.96	-8.18e-03	1.16	-0.70	-38.00
2044	3	16.56	0.0	3.03e-03	-3.02	0.0	-126.59	1.09	-6.86e-03	1.09	0.0	0.0
		-36.14	-0.58	-2.90e-03	0.0	85.0	-126.59	-1.94	-6.86e-03	1.09	-0.58	-36.14
2044	4	17.91	0.0	2.10e-03	-3.02	0.0	-112.88	1.13	-3.75e-03	0.95	0.0	0.0
		-32.54	-0.32	-2.53e-03	0.0	85.0	-112.88	-1.89	-3.75e-03	0.95	-0.32	-32.54
2044	5	17.91	0.0	2.10e-03	-3.02	0.0	-112.88	1.13	-3.75e-03	0.95	0.0	0.0
		-32.54	-0.32	-2.53e-03	0.0	85.0	-112.88	-1.89	-3.75e-03	0.95	-0.32	-32.54
2046	1	46.81	0.0	-6.89e-03	-4.16	0.0	-61.51	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-6.66e-03	0.0	90.0	-61.51	-2.08	0.0	0.0	0.0	0.0
2046	2	36.01	0.0	-5.64e-03	-3.20	0.0	-49.49	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.38e-03	0.0	90.0	-49.49	-1.60	0.0	0.0	0.0	0.0
2046	3	36.01	0.0	-5.14e-03	-3.20	0.0	-46.24	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.00e-03	0.0	90.0	-46.24	-1.60	0.0	0.0	0.0	0.0
2046	4	36.01	0.0	-4.16e-03	-3.20	0.0	-38.60	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.27e-03	0.0	90.0	-38.60	-1.60	0.0	0.0	0.0	0.0
2046	5	36.01	0.0	-4.16e-03	-3.20	0.0	-38.60	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.27e-03	0.0	90.0	-38.60	-1.60	0.0	0.0	0.0	0.0
2047	1	11.43	7.43	-1.61e-04	-4.16	0.0	-131.48	2.11	0.06	-0.81	2.21	-36.87
		-36.87	2.21	-2.63e-03	0.0	90.0	-131.48	-2.05	0.06	-0.81	7.43	-33.88
2047	2	8.30	5.93	-1.06e-04	-3.20	0.0	-104.99	1.63	0.05	-0.66	1.73	-28.94
		-28.94	1.73	-2.12e-03	0.0	90.0	-104.99	-1.57	0.05	-0.66	5.93	-26.48
2047	3	9.01	5.62	-1.34e-04	-3.20	0.0	-99.43	1.63	0.04	-0.61	1.68	-28.15
		-28.15	1.68	-1.98e-03	0.0	90.0	-99.43	-1.57	0.04	-0.61	5.62	-25.84
2047	4	10.39	4.97	-1.83e-04	-3.20	0.0	-88.29	1.62	0.04	-0.52	1.63	-26.54
		-26.54	1.63	-1.70e-03	0.0	90.0	-88.29	-1.58	0.04	-0.52	4.97	-24.70
2047	5	10.39	4.97	-1.83e-04	-3.20	0.0	-88.29	1.62	0.04	-0.52	1.63	-26.54
		-26.54	1.63	-1.70e-03	0.0	90.0	-88.29	-1.58	0.04	-0.52	4.97	-24.70
2048	1	46.81	0.0	6.65e-03	-4.16	0.0	64.86	2.08	0.0	13.44	0.0	0.0
		0.0	0.0	-1.20e-03	0.0	90.0	64.86	-2.08	0.0	13.44	0.0	0.0
2048	2	36.01	0.0	5.37e-03	-3.20	0.0	52.24	1.60	0.0	10.79	0.0	0.0
		0.0	0.0	-9.75e-04	0.0	90.0	52.24	-1.60	0.0	10.79	0.0	0.0
2048	3	36.01	0.0	5.00e-03	-3.20	0.0	48.85	1.60	0.0	10.14	0.0	0.0
		0.0	0.0	-9.02e-04	0.0	90.0	48.85	-1.60	0.0	10.14	0.0	0.0
2048	4	36.01	0.0	4.24e-03	-3.20	0.0	42.14	1.60	0.0	8.79	0.0	0.0
		0.0	0.0	-7.53e-04	0.0	90.0	42.14	-1.60	0.0	8.79	0.0	0.0
2048	5	36.01	0.0	4.24e-03	-3.20	0.0	42.14	1.60	0.0	8.79	0.0	0.0
		0.0	0.0	-7.53e-04	0.0	90.0	42.14	-1.60	0.0	8.79	0.0	0.0
2049	1	46.81	0.0	2.20e-03	-4.16	0.0	64.84	2.08	0.0	6.00	0.0	0.0
		0.0	0.0	-8.64e-05	0.0	90.0	64.84	-2.08	0.0	6.00	0.0	0.0
2049	2	36.01	0.0	1.87e-03	-3.20	0.0	52.21	1.60	0.0	4.81	0.0	0.0
		0.0	0.0	-6.29e-05	0.0	90.0	52.21	-1.60	0.0	4.81	0.0	0.0
2049	3	36.01	0.0	1.62e-03	-3.20	0.0	48.83	1.60	0.0	4.53	0.0	0.0
		0.0	0.0	-6.80e-05	0.0	90.0	48.83	-1.60	0.0	4.53	0.0	0.0
2049	4	36.01	0.0	1.12e-03	-3.20	0.0	42.12	1.60	0.0	3.95	0.0	0.0
		0.0	0.0	-7.86e-05	0.0	90.0	42.12	-1.60	0.0	3.95	0.0	0.0
2049	5	36.01	0.0	1.12e-03	-3.20	0.0	42.12	1.60	0.0	3.95	0.0	0.0
		0.0	0.0	-7.86e-05	0.0	90.0	42.12	-1.60	0.0	3.95	0.0	0.0
2050	1	46.81	0.0	-2.85e-03	-4.16	0.0	-0.20	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-8.41e-04	0.0	90.0	-0.20	-2.08	0.0	0.0	0.0	0.0
2050	2	36.01	0.0	-2.24e-03	-3.20	0.0	-0.16	1.60	0.0	0.0	0.0	0.0

		0.0	0.0	-6.74e-04	0.0	90.0	-0.16	-1.60	0.0	0.0	0.0	0.0
2050	3	36.01	0.0	-2.17e-03	-3.20	0.0	-0.15	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.47e-04	0.0	90.0	-0.15	-1.60	0.0	0.0	0.0	0.0
2050	4	36.01	0.0	-2.05e-03	-3.20	0.0	-0.13	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.84e-04	0.0	90.0	-0.13	-1.60	0.0	0.0	0.0	0.0
2050	5	36.01	0.0	-2.05e-03	-3.20	0.0	-0.13	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.84e-04	0.0	90.0	-0.13	-1.60	0.0	0.0	0.0	0.0
2051	1	46.81	0.0	-2.24e-03	-4.16	0.0	4.63	2.08	0.0	-0.93	0.0	0.0
		0.0	0.0	-1.34e-03	0.0	90.0	4.63	-2.08	0.0	-0.93	0.0	0.0
2051	2	36.01	0.0	-1.75e-03	-3.20	0.0	3.66	1.60	0.0	-0.75	0.0	0.0
		0.0	0.0	-1.07e-03	0.0	90.0	3.66	-1.60	0.0	-0.75	0.0	0.0
2051	3	36.01	0.0	-1.71e-03	-3.20	0.0	3.51	1.60	0.0	-0.70	0.0	0.0
		0.0	0.0	-1.01e-03	0.0	90.0	3.51	-1.60	0.0	-0.70	0.0	0.0
2051	4	36.01	0.0	-1.64e-03	-3.20	0.0	3.19	1.60	0.0	-0.62	0.0	0.0
		0.0	0.0	-8.83e-04	0.0	90.0	3.19	-1.60	0.0	-0.62	0.0	0.0
2051	5	36.01	0.0	-1.64e-03	-3.20	0.0	3.19	1.60	0.0	-0.62	0.0	0.0
		0.0	0.0	-8.83e-04	0.0	90.0	3.19	-1.60	0.0	-0.62	0.0	0.0
2052	1	5.30	12.75	1.75e-03	-4.16	0.0	-181.17	2.20	0.15	1.44	-0.80	-46.73
		-46.73	-0.80	-3.53e-03	0.0	90.0	-181.17	-1.96	0.15	1.44	12.75	-36.28
2052	2	3.19	10.24	1.40e-03	-3.20	0.0	-144.60	1.70	0.12	1.16	-0.70	-37.23
		-37.23	-0.70	-2.84e-03	0.0	90.0	-144.60	-1.50	0.12	1.16	10.24	-28.40
2052	3	4.47	9.62	1.32e-03	-3.20	0.0	-137.05	1.69	0.11	1.09	-0.58	-35.39
		-35.39	-0.58	-2.66e-03	0.0	90.0	-137.05	-1.51	0.11	1.09	9.62	-27.67
2052	4	6.96	8.35	1.18e-03	-3.20	0.0	-121.88	1.66	0.10	0.95	-0.32	-31.82
		-31.82	-0.32	-2.29e-03	0.0	90.0	-121.88	-1.54	0.10	0.95	8.35	-26.27
2052	5	6.96	8.35	1.18e-03	-3.20	0.0	-121.88	1.66	0.10	0.95	-0.32	-31.82
		-31.82	-0.32	-2.29e-03	0.0	90.0	-121.88	-1.54	0.10	0.95	8.35	-26.27
2054	1	24.39	12.75	5.50e-04	-3.93	0.0	-173.97	2.43	-0.15	1.44	12.75	-39.32
		-39.32	0.0	-7.76e-04	0.0	85.0	-173.97	-1.50	-0.15	1.44	0.0	0.0
2054	2	18.52	10.24	2.84e-04	-3.02	0.0	-138.86	1.87	-0.12	1.16	10.24	-30.91
		-30.91	0.0	-6.34e-04	0.0	85.0	-138.86	-1.15	-0.12	1.16	0.0	0.0
2054	3	18.88	9.62	4.84e-04	-3.02	0.0	-131.64	1.86	-0.11	1.09	9.62	-29.95
		-29.95	0.0	-5.81e-04	0.0	85.0	-131.64	-1.16	-0.11	1.09	0.0	0.0
2054	4	19.58	8.35	8.71e-04	-3.02	0.0	-117.07	1.84	-0.10	0.95	8.35	-28.08
		-28.08	0.0	-4.77e-04	0.0	85.0	-117.07	-1.18	-0.10	0.95	0.0	0.0
2054	5	19.58	8.35	8.71e-04	-3.02	0.0	-117.07	1.84	-0.10	0.95	8.35	-28.08
		-28.08	0.0	-4.77e-04	0.0	85.0	-117.07	-1.18	-0.10	0.95	0.0	0.0
2055	1	26.46	7.43	-5.72e-04	-3.93	0.0	-131.48	2.36	-0.09	-0.81	7.43	-33.82
		-33.82	0.0	-8.58e-04	0.0	85.0	-131.48	-1.57	-0.09	-0.81	0.0	0.0
2055	2	20.21	5.93	-4.98e-04	-3.02	0.0	-104.99	1.82	-0.07	-0.66	5.93	-26.39
		-26.39	0.0	-7.06e-04	0.0	85.0	-104.99	-1.20	-0.07	-0.66	0.0	0.0
2055	3	20.42	5.62	-4.17e-04	-3.02	0.0	-99.43	1.82	-0.07	-0.61	5.62	-25.83
		-25.83	0.0	-6.40e-04	0.0	85.0	-99.43	-1.21	-0.07	-0.61	0.0	0.0
2055	4	20.80	4.97	5.00e-04	-3.02	0.0	-88.29	1.80	-0.06	-0.52	4.97	-24.82
		-24.82	0.0	-5.08e-04	0.0	85.0	-88.29	-1.22	-0.06	-0.52	0.0	0.0
2055	5	20.80	4.97	5.00e-04	-3.02	0.0	-88.29	1.80	-0.06	-0.52	4.97	-24.82
		-24.82	0.0	-5.08e-04	0.0	85.0	-88.29	-1.22	-0.06	-0.52	0.0	0.0
2057	1	24.40	2.54	1.08e-03	-3.93	0.0	-143.34	1.50	0.03	-0.81	0.0	0.0
		-39.31	0.0	-3.40e-03	0.0	85.0	-143.34	-2.43	0.03	-0.81	2.54	-39.31
2057	2	18.44	1.99	1.03e-03	-3.02	0.0	-113.97	1.15	0.02	-0.66	0.0	0.0
		-31.10	0.0	-2.72e-03	0.0	85.0	-113.97	-1.88	0.02	-0.66	1.99	-31.10
2057	3	18.91	1.94	7.39e-04	-3.02	0.0	-108.61	1.16	0.02	-0.61	0.0	0.0
		-29.86	0.0	-2.56e-03	0.0	85.0	-108.61	-1.86	0.02	-0.61	1.94	-29.86
2057	4	19.82	1.87	-4.11e-04	-3.02	0.0	-97.84	1.19	0.02	-0.52	0.0	0.0
		-27.44	0.0	-2.25e-03	0.0	85.0	-97.84	-1.83	0.02	-0.52	1.87	-27.44
2057	5	19.82	1.87	-4.11e-04	-3.02	0.0	-97.84	1.19	0.02	-0.52	0.0	0.0
		-27.44	0.0	-2.25e-03	0.0	85.0	-97.84	-1.83	0.02	-0.52	1.87	-27.44
2058	1	46.81	0.0	-1.69e-03	-4.16	0.0	17.35	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-3.38e-03	0.0	90.0	17.35	-2.08	0.0	0.0	0.0	0.0
2058	2	36.01	0.0	-1.29e-03	-3.20	0.0	13.71	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.72e-03	0.0	90.0	13.71	-1.60	0.0	0.0	0.0	0.0
2058	3	36.01	0.0	-1.31e-03	-3.20	0.0	12.80	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.55e-03	0.0	90.0	12.80	-1.60	0.0	0.0	0.0	0.0
2058	4	36.01	0.0	-1.35e-03	-3.20	0.0	12.12	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.21e-03	0.0	90.0	12.12	-1.60	0.0	0.0	0.0	0.0
2058	5	36.01	0.0	-1.35e-03	-3.20	0.0	12.12	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.21e-03	0.0	90.0	12.12	-1.60	0.0	0.0	0.0	0.0
2060	1	46.81	0.0	-2.76e-03	-4.16	0.0	31.36	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	4.25e-04	0.0	90.0	31.36	-2.08	0.0	0.0	0.0	0.0
2060	2	36.01	0.0	-2.11e-03	-3.20	0.0	25.35	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	3.58e-04	0.0	90.0	25.35	-1.60	0.0	0.0	0.0	0.0
2060	3	36.01	0.0	-2.14e-03	-3.20	0.0	23.39	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	2.96e-04	0.0	90.0	23.39	-1.60	0.0	0.0	0.0	0.0
2060	4	36.01	0.0	-2.18e-03	-3.20	0.0	20.50	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	2.10e-04	0.0	90.0	20.50	-1.60	0.0	0.0	0.0	0.0
2060	5	36.01	0.0	-2.18e-03	-3.20	0.0	20.50	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	2.10e-04	0.0	90.0	20.50	-1.60	0.0	0.0	0.0	0.0



2061	1	46.81	0.0	-1.81e-03	-4.16	0.0	-0.32	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.83e-03	0.0	90.0	-0.32	-2.08	0.0	0.0	0.0	0.0
2061	2	36.01	0.0	-1.39e-03	-3.20	0.0	-0.26	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.28e-03	0.0	90.0	-0.26	-1.60	0.0	0.0	0.0	0.0
2061	3	36.01	0.0	-1.39e-03	-3.20	0.0	-0.24	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.12e-03	0.0	90.0	-0.24	-1.60	0.0	0.0	0.0	0.0
2061	4	36.01	0.0	-1.38e-03	-3.20	0.0	-0.21	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.82e-03	0.0	90.0	-0.21	-1.60	0.0	0.0	0.0	0.0
2061	5	36.01	0.0	-1.38e-03	-3.20	0.0	-0.21	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.82e-03	0.0	90.0	-0.21	-1.60	0.0	0.0	0.0	0.0
2062	1	23.99	9.06	-1.57e-03	-3.93	0.0	-148.59	2.44	-0.11	-0.06	9.06	-40.40
		-40.40	0.0	-5.49e-04	0.0	85.0	-148.59	-1.49	-0.11	-0.06	0.0	0.0
2062	2	18.18	7.27	-1.39e-03	-3.02	0.0	-118.32	1.89	-0.09	-0.05	7.27	-31.81
		-31.81	0.0	-4.52e-04	0.0	85.0	-118.32	-1.14	-0.09	-0.05	0.0	0.0
2062	3	18.58	6.84	-1.14e-03	-3.02	0.0	-112.51	1.87	-0.08	-0.04	6.84	-30.75
		-30.75	0.0	-4.10e-04	0.0	85.0	-112.51	-1.15	-0.08	-0.04	0.0	0.0
2062	4	19.36	5.95	-7.29e-04	-3.02	0.0	-100.84	1.85	-0.07	-0.03	5.95	-28.65
		-28.65	0.0	-3.25e-04	0.0	85.0	-100.84	-1.17	-0.07	-0.03	0.0	0.0
2062	5	19.36	5.95	-7.29e-04	-3.02	0.0	-100.84	1.85	-0.07	-0.03	5.95	-28.65
		-28.65	0.0	-3.25e-04	0.0	85.0	-100.84	-1.17	-0.07	-0.03	0.0	0.0
2063	1	46.81	0.0	1.30e-03	-4.16	0.0	-0.40	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-3.30e-03	0.0	90.0	-0.40	-2.08	0.0	0.0	0.0	0.0
2063	2	36.01	0.0	1.03e-03	-3.20	0.0	-0.33	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.67e-03	0.0	90.0	-0.33	-1.60	0.0	0.0	0.0	0.0
2063	3	36.01	0.0	9.85e-04	-3.20	0.0	-0.30	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.48e-03	0.0	90.0	-0.30	-1.60	0.0	0.0	0.0	0.0
2063	4	36.01	0.0	8.92e-04	-3.20	0.0	-0.26	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.11e-03	0.0	90.0	-0.26	-1.60	0.0	0.0	0.0	0.0
2063	5	36.01	0.0	8.92e-04	-3.20	0.0	-0.26	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.11e-03	0.0	90.0	-0.26	-1.60	0.0	0.0	0.0	0.0
2072	1	46.81	0.0	-4.18e-03	-4.16	0.0	0.20	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-3.71e-03	0.0	90.0	0.20	-2.08	0.0	0.0	0.0	0.0
2072	2	36.01	0.0	-3.29e-03	-3.20	0.0	0.16	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.99e-03	0.0	90.0	0.16	-1.60	0.0	0.0	0.0	0.0
2072	3	36.01	0.0	-3.19e-03	-3.20	0.0	0.15	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.78e-03	0.0	90.0	0.15	-1.60	0.0	0.0	0.0	0.0
2072	4	36.01	0.0	-3.00e-03	-3.20	0.0	0.13	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.41e-03	0.0	90.0	0.13	-1.60	0.0	0.0	0.0	0.0
2072	5	36.01	0.0	-3.00e-03	-3.20	0.0	0.13	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.41e-03	0.0	90.0	0.13	-1.60	0.0	0.0	0.0	0.0
2076	1	458.96	0.0	-0.01	-2.08	0.0	-174.95	11.24	-0.57	39.53	0.0	0.0
		0.0	-25.62	-3.68e-04	0.0	45.0	-174.95	9.16	-0.57	39.53	-25.62	458.96
2076	2	373.12	0.0	-0.01	-1.60	0.0	-141.89	9.09	-0.46	31.98	0.0	0.0
		0.0	-20.71	-2.94e-04	0.0	45.0	-141.89	7.49	-0.46	31.98	-20.71	373.12
2076	3	344.10	0.0	-9.81e-03	-1.60	0.0	-131.10	8.45	-0.43	29.77	0.0	0.0
		0.0	-19.28	-2.73e-04	0.0	45.0	-131.10	6.85	-0.43	29.77	-19.28	344.10
2076	4	286.12	0.0	-8.20e-03	-1.60	0.0	-109.89	7.16	-0.36	25.26	0.0	0.0
		0.0	-16.38	-2.41e-04	0.0	45.0	-109.89	5.56	-0.36	25.26	-16.38	286.12
2076	5	286.12	0.0	-8.20e-03	-1.60	0.0	-109.89	7.16	-0.36	25.26	0.0	0.0
		0.0	-16.38	-2.41e-04	0.0	45.0	-109.89	5.56	-0.36	25.26	-16.38	286.12
2077	1	459.05	0.0	-0.01	-2.08	0.0	-203.04	11.24	-0.14	7.97	0.0	0.0
		0.0	-6.48	-1.25e-03	0.0	45.0	-203.04	9.16	-0.14	7.97	-6.48	459.05
2077	2	373.23	0.0	-0.01	-1.60	0.0	-164.57	9.09	-0.12	6.44	0.0	0.0
		0.0	-5.23	-1.01e-03	0.0	45.0	-164.57	7.49	-0.12	6.44	-5.23	373.23
2077	3	344.18	0.0	-9.61e-03	-1.60	0.0	-152.38	8.45	-0.11	5.98	0.0	0.0
		0.0	-4.86	-9.47e-04	0.0	45.0	-152.38	6.85	-0.11	5.98	-4.86	344.18
2077	4	286.10	0.0	-8.02e-03	-1.60	0.0	-128.26	7.16	-0.09	5.07	0.0	0.0
		0.0	-4.15	-8.14e-04	0.0	45.0	-128.26	5.56	-0.09	5.07	-4.15	286.10
2077	5	286.10	0.0	-8.02e-03	-1.60	0.0	-128.26	7.16	-0.09	5.07	0.0	0.0
		0.0	-4.15	-8.14e-04	0.0	45.0	-128.26	5.56	-0.09	5.07	-4.15	286.10
2078	1	438.86	0.0	-0.01	-2.08	0.0	-162.03	10.79	-0.08	-26.59	0.0	0.0
		0.0	-3.51	-8.02e-04	0.0	45.0	-162.03	8.71	-0.08	-26.59	-3.51	438.86
2078	2	357.02	0.0	-9.44e-03	-1.60	0.0	-131.71	8.73	-0.06	-21.51	0.0	0.0
		0.0	-2.83	-6.50e-04	0.0	45.0	-131.71	7.13	-0.06	-21.51	-2.83	357.02
2078	3	328.91	0.0	-8.71e-03	-1.60	0.0	-121.31	8.11	-0.06	-20.05	0.0	0.0
		0.0	-2.62	-6.06e-04	0.0	45.0	-121.31	6.51	-0.06	-20.05	-2.62	328.91
2078	4	272.77	0.0	-7.23e-03	-1.60	0.0	-100.77	6.86	-0.05	-17.00	0.0	0.0
		0.0	-2.25	-5.19e-04	0.0	45.0	-100.77	5.26	-0.05	-17.00	-2.25	272.77
2078	5	272.77	0.0	-7.23e-03	-1.60	0.0	-100.77	6.86	-0.05	-17.00	0.0	0.0
		0.0	-2.25	-5.19e-04	0.0	45.0	-100.77	5.26	-0.05	-17.00	-2.25	272.77
2079	1	438.89	0.0	-0.01	-2.08	0.0	-89.23	10.79	-0.60	11.66	0.0	0.0
		0.0	-27.11	1.54e-04	0.0	45.0	-89.23	8.71	-0.60	11.66	-27.11	438.89
2079	2	357.09	0.0	-0.01	-1.60	0.0	-73.49	8.74	-0.49	9.41	0.0	0.0
		0.0	-21.91	1.25e-04	0.0	45.0	-73.49	7.14	-0.49	9.41	-21.91	357.09
2079	3	328.92	0.0	-9.46e-03	-1.60	0.0	-66.33	8.11	-0.45	8.75	0.0	0.0
		0.0	-20.39	1.14e-04	0.0	45.0	-66.33	6.51	-0.45	8.75	-20.39	328.92
2079	4	272.65	0.0	-7.89e-03	-1.60	0.0	-52.34	6.86	-0.39	7.44	0.0	0.0

		0.0	-17.33	9.16e-05	0.0	45.0	-52.34	5.26	-0.39	7.44	-17.33	272.65
2079	5	272.65	0.0	-7.89e-03	-1.60	0.0	-52.34	6.86	-0.39	7.44	0.0	0.0
		0.0	-17.33	9.16e-05	0.0	45.0	-52.34	5.26	-0.39	7.44	-17.33	272.65
2080	1	439.59	0.0	-0.01	-2.08	0.0	-52.50	10.81	-0.67	27.28	0.0	0.0
		0.0	-30.16	5.07e-04	0.0	45.0	-52.50	8.73	-0.67	27.28	-30.16	439.59
2080	2	357.68	0.0	-0.01	-1.60	0.0	-44.22	8.75	-0.54	22.06	0.0	0.0
		0.0	-24.38	4.13e-04	0.0	45.0	-44.22	7.15	-0.54	22.06	-24.38	357.68
2080	3	329.46	0.0	-0.01	-1.60	0.0	-38.63	8.12	-0.50	20.53	0.0	0.0
		0.0	-22.69	3.77e-04	0.0	45.0	-38.63	6.52	-0.50	20.53	-22.69	329.46
2080	4	273.05	0.0	-8.99e-03	-1.60	0.0	-27.69	6.87	-0.43	17.43	0.0	0.0
		0.0	-19.30	3.11e-04	0.0	45.0	-27.69	5.27	-0.43	17.43	-19.30	273.05
2080	5	273.05	0.0	-8.99e-03	-1.60	0.0	-27.69	6.87	-0.43	17.43	0.0	0.0
		0.0	-19.30	3.11e-04	0.0	45.0	-27.69	5.27	-0.43	17.43	-19.30	273.05
2081	1	447.72	0.0	-0.02	-2.08	0.0	-59.88	10.99	-0.69	53.51	0.0	0.0
		0.0	-31.19	3.47e-04	0.0	45.0	-59.88	8.91	-0.69	53.51	-31.19	447.72
2081	2	364.23	0.0	-0.01	-1.60	0.0	-50.43	8.89	-0.56	43.26	0.0	0.0
		0.0	-25.20	2.83e-04	0.0	45.0	-50.43	7.29	-0.56	43.26	-25.20	364.23
2081	3	335.56	0.0	-0.01	-1.60	0.0	-44.03	8.26	-0.52	40.26	0.0	0.0
		0.0	-23.47	2.59e-04	0.0	45.0	-44.03	6.66	-0.52	40.26	-23.47	335.56
2081	4	278.27	0.0	-0.01	-1.60	0.0	-31.43	6.98	-0.44	34.25	0.0	0.0
		0.0	-19.99	2.13e-04	0.0	45.0	-31.43	5.38	-0.44	34.25	-19.99	278.27
2081	5	278.27	0.0	-0.01	-1.60	0.0	-31.43	6.98	-0.44	34.25	0.0	0.0
		0.0	-19.99	2.13e-04	0.0	45.0	-31.43	5.38	-0.44	34.25	-19.99	278.27
2082	1	465.20	0.0	-0.02	-2.08	0.0	-110.67	11.38	-0.18	15.89	0.0	0.0
		0.0	-8.20	-4.48e-04	0.0	45.0	-110.67	9.30	-0.18	15.89	-8.20	465.20
2082	2	378.32	0.0	-0.02	-1.60	0.0	-91.51	9.21	-0.15	12.82	0.0	0.0
		0.0	-6.60	-3.58e-04	0.0	45.0	-91.51	7.61	-0.15	12.82	-6.60	378.32
2082	3	348.71	0.0	-0.01	-1.60	0.0	-82.11	8.55	-0.14	11.93	0.0	0.0
		0.0	-6.15	-3.44e-04	0.0	45.0	-82.11	6.95	-0.14	11.93	-6.15	348.71
2082	4	289.58	0.0	-0.01	-1.60	0.0	-63.69	7.24	-0.12	10.19	0.0	0.0
		0.0	-5.27	-3.08e-04	0.0	45.0	-63.69	5.63	-0.12	10.19	-5.27	289.58
2082	5	289.58	0.0	-0.01	-1.60	0.0	-63.69	7.24	-0.12	10.19	0.0	0.0
		0.0	-5.27	-3.08e-04	0.0	45.0	-63.69	5.63	-0.12	10.19	-5.27	289.58
2083	1	496.26	0.0	-0.02	-2.08	0.0	-234.14	12.07	-0.09	-1.66	0.0	0.0
		0.0	-4.01	-1.43e-03	0.0	45.0	-234.14	9.99	-0.09	-1.66	-4.01	496.26
2083	2	403.26	0.0	-0.02	-1.60	0.0	-190.75	9.76	-0.07	-1.38	0.0	0.0
		0.0	-3.23	-1.15e-03	0.0	45.0	-190.75	8.16	-0.07	-1.38	-3.23	403.26
2083	3	372.16	0.0	-0.01	-1.60	0.0	-175.27	9.07	-0.07	-1.23	0.0	0.0
		0.0	-3.03	-1.07e-03	0.0	45.0	-175.27	7.47	-0.07	-1.23	-3.03	372.16
2083	4	309.97	0.0	-0.01	-1.60	0.0	-144.61	7.69	-0.06	-0.94	0.0	0.0
		0.0	-2.62	-9.22e-04	0.0	45.0	-144.61	6.09	-0.06	-0.94	-2.62	309.97
2083	5	309.97	0.0	-0.01	-1.60	0.0	-144.61	7.69	-0.06	-0.94	0.0	0.0
		0.0	-2.62	-9.22e-04	0.0	45.0	-144.61	6.09	-0.06	-0.94	-2.62	309.97
2098	1	69.92	0.0	-0.05	-5.09	0.0	-233.78	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-5.50e-03	0.0	110.0	-233.78	-2.54	0.0	0.0	0.0	0.0
2098	2	53.79	0.0	-0.04	-3.91	0.0	-188.59	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-4.43e-03	0.0	110.0	-188.59	-1.96	0.0	0.0	0.0	0.0
2098	3	53.79	0.0	-0.04	-3.91	0.0	-175.98	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-4.15e-03	0.0	110.0	-175.98	-1.96	0.0	0.0	0.0	0.0
2098	4	53.79	0.0	-0.03	-3.91	0.0	-150.84	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.56e-03	0.0	110.0	-150.84	-1.96	0.0	0.0	0.0	0.0
2098	5	53.79	0.0	-0.03	-3.91	0.0	-150.84	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.56e-03	0.0	110.0	-150.84	-1.96	0.0	0.0	0.0	0.0
2099	1	224.89	0.20	-0.03	-3.93	0.0	-617.07	4.61	2.30e-03	-7.81	0.0	0.0
		0.0	0.0	-2.31e-03	0.0	85.0	-617.07	0.68	2.30e-03	-7.81	0.20	224.89
2099	2	183.33	0.19	-0.03	-3.02	0.0	-498.57	3.67	2.18e-03	-6.34	0.0	0.0
		0.0	0.0	-1.87e-03	0.0	85.0	-498.57	0.65	2.18e-03	-6.34	0.19	183.33
2099	3	168.30	0.17	-0.02	-3.02	0.0	-464.01	3.49	1.95e-03	-5.98	0.0	0.0
		0.0	0.0	-1.72e-03	0.0	85.0	-464.01	0.47	1.95e-03	-5.98	0.17	168.30
2099	4	138.50	0.07	-0.02	-3.02	0.0	-395.09	3.14	8.03e-04	-5.00	0.0	0.0
		0.0	0.0	-1.47e-03	0.0	85.0	-395.09	0.12	8.03e-04	-5.00	0.07	138.50
2099	5	138.50	0.07	-0.02	-3.02	0.0	-395.09	3.14	8.03e-04	-5.00	0.0	0.0
		0.0	0.0	-1.47e-03	0.0	85.0	-395.09	0.12	8.03e-04	-5.00	0.07	138.50
2104	1	46.81	0.0	-1.68e-03	-4.16	0.0	2.74	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.40e-04	0.0	90.0	2.74	-2.08	0.0	0.0	0.0	0.0
2104	2	36.01	0.0	-1.29e-03	-3.20	0.0	2.19	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.93e-04	0.0	90.0	2.19	-1.60	0.0	0.0	0.0	0.0
2104	3	36.01	0.0	-1.29e-03	-3.20	0.0	2.07	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.81e-04	0.0	90.0	2.07	-1.60	0.0	0.0	0.0	0.0
2104	4	36.01	0.0	-1.28e-03	-3.20	0.0	1.88	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.59e-04	0.0	90.0	1.88	-1.60	0.0	0.0	0.0	0.0
2104	5	36.01	0.0	-1.28e-03	-3.20	0.0	1.88	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.59e-04	0.0	90.0	1.88	-1.60	0.0	0.0	0.0	0.0
2105	1	46.81	0.0	-1.42e-03	-4.16	0.0	17.75	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	17.75	-2.08	0.0	0.0	0.0	0.0
2105	2	36.01	0.0	-1.08e-03	-3.20	0.0	14.27	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	14.27	-1.60	0.0	0.0	0.0	0.0

2105	3	36.01	0.0	-1.10e-03	-3.20	0.0	13.38	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	13.38	-1.60	0.0	0.0	0.0	0.0
2105	4	36.01	0.0	-1.13e-03	-3.20	0.0	11.65	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	11.65	-1.60	0.0	0.0	0.0	0.0
2105	5	36.01	0.0	-1.13e-03	-3.20	0.0	11.65	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	11.65	-1.60	0.0	0.0	0.0	0.0
2110	1	46.81	0.0	4.06e-03	-4.16	0.0	-0.09	2.08	0.0	3.67	0.0	0.0
		0.0	0.0	-1.46e-03	0.0	90.0	-0.09	-2.08	0.0	3.67	0.0	0.0
2110	2	36.01	0.0	3.35e-03	-3.20	0.0	-0.08	1.60	0.0	2.93	0.0	0.0
		0.0	0.0	-1.16e-03	0.0	90.0	-0.08	-1.60	0.0	2.93	0.0	0.0
2110	3	36.01	0.0	3.03e-03	-3.20	0.0	-0.07	1.60	0.0	2.78	0.0	0.0
		0.0	0.0	-1.10e-03	0.0	90.0	-0.07	-1.60	0.0	2.78	0.0	0.0
2110	4	36.01	0.0	2.38e-03	-3.20	0.0	-0.06	1.60	0.0	2.48	0.0	0.0
		0.0	0.0	-9.89e-04	0.0	90.0	-0.06	-1.60	0.0	2.48	0.0	0.0
2110	5	36.01	0.0	2.38e-03	-3.20	0.0	-0.06	1.60	0.0	2.48	0.0	0.0
		0.0	0.0	-9.89e-04	0.0	90.0	-0.06	-1.60	0.0	2.48	0.0	0.0
2111	1	69.92	0.0	-4.53e-03	-5.09	0.0	0.01	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	0.01	-2.54	0.0	0.0	0.0	0.0
2111	2	53.79	0.0	-3.52e-03	-3.91	0.0	8.68e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	8.68e-03	-1.96	0.0	0.0	0.0	0.0
2111	3	53.79	0.0	-3.47e-03	-3.91	0.0	8.10e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	8.10e-03	-1.96	0.0	0.0	0.0	0.0
2111	4	53.79	0.0	-3.36e-03	-3.91	0.0	6.94e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	6.94e-03	-1.96	0.0	0.0	0.0	0.0
2111	5	53.79	0.0	-3.36e-03	-3.91	0.0	6.94e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	6.94e-03	-1.96	0.0	0.0	0.0	0.0
2116	1	46.81	0.0	-1.51e-03	-4.16	0.0	0.74	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-9.72e-03	0.0	90.0	0.74	-2.08	0.0	0.0	0.0	0.0
2116	2	36.01	0.0	-1.14e-03	-3.20	0.0	0.60	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.84e-03	0.0	90.0	0.60	-1.60	0.0	0.0	0.0	0.0
2116	3	36.01	0.0	-1.17e-03	-3.20	0.0	0.55	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.32e-03	0.0	90.0	0.55	-1.60	0.0	0.0	0.0	0.0
2116	4	36.01	0.0	-1.23e-03	-3.20	0.0	0.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.30e-03	0.0	90.0	0.43	-1.60	0.0	0.0	0.0	0.0
2116	5	36.01	0.0	-1.23e-03	-3.20	0.0	0.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.30e-03	0.0	90.0	0.43	-1.60	0.0	0.0	0.0	0.0
2117	1	46.81	0.0	-4.72e-03	-4.16	0.0	-39.78	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-9.67e-03	0.0	90.0	-39.78	-2.08	0.0	0.0	0.0	0.0
2117	2	36.01	0.0	-3.79e-03	-3.20	0.0	-32.07	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.83e-03	0.0	90.0	-32.07	-1.60	0.0	0.0	0.0	0.0
2117	3	36.01	0.0	-3.57e-03	-3.20	0.0	-29.95	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.27e-03	0.0	90.0	-29.95	-1.60	0.0	0.0	0.0	0.0
2117	4	36.01	0.0	-3.15e-03	-3.20	0.0	-25.65	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.15e-03	0.0	90.0	-25.65	-1.60	0.0	0.0	0.0	0.0
2117	5	36.01	0.0	-3.15e-03	-3.20	0.0	-25.65	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.15e-03	0.0	90.0	-25.65	-1.60	0.0	0.0	0.0	0.0
2134	1	69.92	0.0	0.02	-5.09	0.0	0.07	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.15	0.0	110.0	0.07	-2.54	0.0	0.0	0.0	0.0
2134	2	53.79	0.0	0.01	-3.91	0.0	0.05	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.12	0.0	110.0	0.05	-1.96	0.0	0.0	0.0	0.0
2134	3	53.79	0.0	0.01	-3.91	0.0	0.05	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.12	0.0	110.0	0.05	-1.96	0.0	0.0	0.0	0.0
2134	4	53.79	0.0	0.01	-3.91	0.0	0.04	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.10	0.0	110.0	0.04	-1.96	0.0	0.0	0.0	0.0
2134	5	53.79	0.0	0.01	-3.91	0.0	0.04	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.10	0.0	110.0	0.04	-1.96	0.0	0.0	0.0	0.0
2145	1	46.81	0.0	1.32e-03	-4.16	0.0	-157.77	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	4.67e-03	0.0	90.0	-157.77	-2.08	0.0	0.0	0.0	0.0
2145	2	36.01	0.0	1.12e-03	-3.20	0.0	-126.94	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	3.76e-03	0.0	90.0	-126.94	-1.60	0.0	0.0	0.0	0.0
2145	3	36.01	0.0	9.68e-04	-3.20	0.0	-118.86	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	3.52e-03	0.0	90.0	-118.86	-1.60	0.0	0.0	0.0	0.0
2145	4	36.01	0.0	-9.27e-04	-3.20	0.0	-102.75	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	3.04e-03	0.0	90.0	-102.75	-1.60	0.0	0.0	0.0	0.0
2145	5	36.01	0.0	-9.27e-04	-3.20	0.0	-102.75	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	3.04e-03	0.0	90.0	-102.75	-1.60	0.0	0.0	0.0	0.0
2146	1	46.81	0.0	-2.33e-03	-4.16	0.0	4.64	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	7.68e-03	0.0	90.0	4.64	-2.08	0.0	0.0	0.0	0.0
2146	2	36.01	0.0	-1.82e-03	-3.20	0.0	3.71	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	6.20e-03	0.0	90.0	3.71	-1.60	0.0	0.0	0.0	0.0
2146	3	36.01	0.0	-1.78e-03	-3.20	0.0	3.50	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	5.78e-03	0.0	90.0	3.50	-1.60	0.0	0.0	0.0	0.0
2146	4	36.01	0.0	-1.70e-03	-3.20	0.0	3.10	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	4.96e-03	0.0	90.0	3.10	-1.60	0.0	0.0	0.0	0.0
2146	5	36.01	0.0	-1.70e-03	-3.20	0.0	3.10	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	4.96e-03	0.0	90.0	3.10	-1.60	0.0	0.0	0.0	0.0
2148	1	46.81	0.0	3.29e-03	-4.16	0.0	5.58	2.08	0.0	0.0	0.0	0.0





		0.0	0.0	-8.18e-03	0.0	90.0	5.58	-2.08	0.0	0.0	0.0	0.0
2148	2	36.01	0.0	2.63e-03	-3.20	0.0	4.46	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.60e-03	0.0	90.0	4.46	-1.60	0.0	0.0	0.0	0.0
2148	3	36.01	0.0	2.48e-03	-3.20	0.0	4.22	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.15e-03	0.0	90.0	4.22	-1.60	0.0	0.0	0.0	0.0
2148	4	36.01	0.0	2.18e-03	-3.20	0.0	3.72	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.25e-03	0.0	90.0	3.72	-1.60	0.0	0.0	0.0	0.0
2148	5	36.01	0.0	2.18e-03	-3.20	0.0	3.72	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.25e-03	0.0	90.0	3.72	-1.60	0.0	0.0	0.0	0.0
2149	1	46.81	0.0	-0.01	-4.16	0.0	-285.73	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	7.81e-03	0.0	90.0	-285.73	-2.08	0.0	0.0	0.0	0.0
2149	2	36.01	0.0	-9.59e-03	-3.20	0.0	-229.91	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	6.30e-03	0.0	90.0	-229.91	-1.60	0.0	0.0	0.0	0.0
2149	3	36.01	0.0	-8.97e-03	-3.20	0.0	-215.31	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	5.87e-03	0.0	90.0	-215.31	-1.60	0.0	0.0	0.0	0.0
2149	4	36.01	0.0	-7.72e-03	-3.20	0.0	-186.07	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	5.04e-03	0.0	90.0	-186.07	-1.60	0.0	0.0	0.0	0.0
2149	5	36.01	0.0	-7.72e-03	-3.20	0.0	-186.07	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	5.04e-03	0.0	90.0	-186.07	-1.60	0.0	0.0	0.0	0.0
2150	1	35.72	-2.30	-3.54e-03	-4.16	0.0	-607.91	2.52	-0.01	1.08	-2.30	-33.16
		-33.16	-3.61	-2.88e-03	0.0	90.0	-607.91	-1.64	-0.01	1.08	-3.61	6.83
2150	2	28.38	-1.84	-2.84e-03	-3.20	0.0	-491.18	1.96	-0.01	0.87	-1.84	-25.39
		-25.39	-2.91	-2.32e-03	0.0	90.0	-491.18	-1.24	-0.01	0.87	-2.91	6.63
2150	3	27.03	-1.60	-2.67e-03	-3.20	0.0	-457.13	1.93	-0.01	0.70	-1.60	-25.42
		-25.42	-2.83	-2.14e-03	0.0	90.0	-457.13	-1.27	-0.01	0.70	-2.83	4.50
2150	4	24.48	-1.34	-2.32e-03	-3.20	0.0	-389.21	1.90	-0.01	0.64	-1.34	-25.92
		-25.92	-2.68	-1.85e-03	0.0	90.0	-389.21	-1.30	-0.01	0.64	-2.68	0.67
2150	5	24.48	-1.34	-2.32e-03	-3.20	0.0	-389.21	1.90	-0.01	0.64	-1.34	-25.92
		-25.92	-2.68	-1.85e-03	0.0	90.0	-389.21	-1.30	-0.01	0.64	-2.68	0.67
2151	1	46.81	0.0	-1.74e-03	-4.16	0.0	6.69	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-4.17e-03	0.0	90.0	6.69	-2.08	0.0	0.0	0.0	0.0
2151	2	36.01	0.0	-1.34e-03	-3.20	0.0	5.35	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.37e-03	0.0	90.0	5.35	-1.60	0.0	0.0	0.0	0.0
2151	3	36.01	0.0	-1.33e-03	-3.20	0.0	5.05	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.13e-03	0.0	90.0	5.05	-1.60	0.0	0.0	0.0	0.0
2151	4	36.01	0.0	-1.32e-03	-3.20	0.0	4.45	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.68e-03	0.0	90.0	4.45	-1.60	0.0	0.0	0.0	0.0
2151	5	36.01	0.0	-1.32e-03	-3.20	0.0	4.45	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.68e-03	0.0	90.0	4.45	-1.60	0.0	0.0	0.0	0.0
2152	1	155.56	0.0	0.02	-3.93	0.0	-594.04	0.14	0.05	7.56	-4.55	155.49
		0.0	-4.55	-3.67e-03	0.0	85.0	-594.04	-3.79	0.05	7.56	0.0	0.0
2152	2	127.33	0.0	0.02	-3.02	0.0	-480.08	0.01	0.04	6.13	-3.66	127.33
		0.0	-3.66	-2.96e-03	0.0	85.0	-480.08	-3.01	0.04	6.13	0.0	0.0
2152	3	116.49	0.0	0.02	-3.02	0.0	-446.61	0.14	0.04	5.56	-3.37	116.23
		0.0	-3.37	-2.74e-03	0.0	85.0	-446.61	-2.88	0.04	5.56	0.0	0.0
2152	4	96.21	0.0	0.01	-3.02	0.0	-380.01	0.41	0.04	4.82	-3.29	93.90
		0.0	-3.29	-2.42e-03	0.0	85.0	-380.01	-2.62	0.04	4.82	0.0	0.0
2152	5	96.21	0.0	0.01	-3.02	0.0	-380.01	0.41	0.04	4.82	-3.29	93.90
		0.0	-3.29	-2.42e-03	0.0	85.0	-380.01	-2.62	0.04	4.82	0.0	0.0
2153	1	46.81	0.0	-1.65e-03	-4.16	0.0	-0.30	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	-0.30	-2.08	0.0	0.0	0.0	0.0
2153	2	36.01	0.0	-1.27e-03	-3.20	0.0	-0.24	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	-0.24	-1.60	0.0	0.0	0.0	0.0
2153	3	36.01	0.0	-1.27e-03	-3.20	0.0	-0.23	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.30e-03	0.0	90.0	-0.23	-1.60	0.0	0.0	0.0	0.0
2153	4	36.01	0.0	-1.27e-03	-3.20	0.0	-0.20	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.89e-03	0.0	90.0	-0.20	-1.60	0.0	0.0	0.0	0.0
2153	5	36.01	0.0	-1.27e-03	-3.20	0.0	-0.20	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.89e-03	0.0	90.0	-0.20	-1.60	0.0	0.0	0.0	0.0
2154	1	46.81	0.0	5.11e-03	-4.16	0.0	-150.93	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-8.44e-03	0.0	90.0	-150.93	-2.08	0.0	0.0	0.0	0.0
2154	2	36.01	0.0	4.08e-03	-3.20	0.0	-121.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.80e-03	0.0	90.0	-121.42	-1.60	0.0	0.0	0.0	0.0
2154	3	36.01	0.0	3.86e-03	-3.20	0.0	-113.71	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.34e-03	0.0	90.0	-113.71	-1.60	0.0	0.0	0.0	0.0
2154	4	36.01	0.0	3.43e-03	-3.20	0.0	-98.33	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.41e-03	0.0	90.0	-98.33	-1.60	0.0	0.0	0.0	0.0
2154	5	36.01	0.0	3.43e-03	-3.20	0.0	-98.33	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.41e-03	0.0	90.0	-98.33	-1.60	0.0	0.0	0.0	0.0
2155	1	46.81	0.0	-7.51e-03	-4.16	0.0	0.35	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	4.56e-03	0.0	90.0	0.35	-2.08	0.0	0.0	0.0	0.0
2155	2	36.01	0.0	-6.05e-03	-3.20	0.0	0.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	3.66e-03	0.0	90.0	0.28	-1.60	0.0	0.0	0.0	0.0
2155	3	36.01	0.0	-5.65e-03	-3.20	0.0	0.26	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	3.44e-03	0.0	90.0	0.26	-1.60	0.0	0.0	0.0	0.0
2155	4	36.01	0.0	-4.86e-03	-3.20	0.0	0.23	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	2.99e-03	0.0	90.0	0.23	-1.60	0.0	0.0	0.0	0.0

2155	5	36.01	0.0	-4.86e-03	-3.20	0.0	0.23	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	2.99e-03	0.0	90.0	0.23	-1.60	0.0	0.0	0.0	0.0
2156	1	46.81	0.0	-2.85e-03	-4.16	0.0	-67.16	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-67.16	-2.08	0.0	0.0	0.0	0.0
2156	2	36.01	0.0	-2.24e-03	-3.20	0.0	-54.05	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	8.38e-03	0.0	90.0	-54.05	-1.60	0.0	0.0	0.0	0.0
2156	3	36.01	0.0	-2.17e-03	-3.20	0.0	-50.60	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	7.88e-03	0.0	90.0	-50.60	-1.60	0.0	0.0	0.0	0.0
2156	4	36.01	0.0	-2.03e-03	-3.20	0.0	-43.66	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	6.86e-03	0.0	90.0	-43.66	-1.60	0.0	0.0	0.0	0.0
2156	5	36.01	0.0	-2.03e-03	-3.20	0.0	-43.66	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	6.86e-03	0.0	90.0	-43.66	-1.60	0.0	0.0	0.0	0.0
2158	1	46.81	0.0	-1.47e-03	-4.16	0.0	-0.23	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.03	0.0	90.0	-0.23	-2.08	0.0	0.0	0.0	0.0
2158	2	36.01	0.0	-1.13e-03	-3.20	0.0	-0.19	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	90.0	-0.19	-1.60	0.0	0.0	0.0	0.0
2158	3	36.01	0.0	-1.13e-03	-3.20	0.0	-0.17	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	90.0	-0.17	-1.60	0.0	0.0	0.0	0.0
2158	4	36.01	0.0	-1.14e-03	-3.20	0.0	-0.15	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	90.0	-0.15	-1.60	0.0	0.0	0.0	0.0
2158	5	36.01	0.0	-1.14e-03	-3.20	0.0	-0.15	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	90.0	-0.15	-1.60	0.0	0.0	0.0	0.0
2159	1	46.81	0.0	1.17e-03	-4.16	0.0	-65.99	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-0.03	0.0	90.0	-65.99	-2.08	0.0	0.0	0.0	0.0
2159	2	36.01	0.0	9.40e-04	-3.20	0.0	-53.11	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-53.11	-1.60	0.0	0.0	0.0	0.0
2159	3	36.01	0.0	8.88e-04	-3.20	0.0	-49.71	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-49.71	-1.60	0.0	0.0	0.0	0.0
2159	4	36.01	0.0	-8.75e-04	-3.20	0.0	-42.90	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-42.90	-1.60	0.0	0.0	0.0	0.0
2159	5	36.01	0.0	-8.75e-04	-3.20	0.0	-42.90	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-42.90	-1.60	0.0	0.0	0.0	0.0
2160	1	46.81	0.0	-1.67e-03	-4.16	0.0	-0.16	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.68e-04	0.0	90.0	-0.16	-2.08	0.0	0.0	0.0	0.0
2160	2	36.01	0.0	-1.29e-03	-3.20	0.0	-0.13	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.35e-04	0.0	90.0	-0.13	-1.60	0.0	0.0	0.0	0.0
2160	3	36.01	0.0	-1.28e-03	-3.20	0.0	-0.12	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.27e-04	0.0	90.0	-0.12	-1.60	0.0	0.0	0.0	0.0
2160	4	36.01	0.0	-1.28e-03	-3.20	0.0	-0.11	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.11e-04	0.0	90.0	-0.11	-1.60	0.0	0.0	0.0	0.0
2160	5	36.01	0.0	-1.28e-03	-3.20	0.0	-0.11	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.11e-04	0.0	90.0	-0.11	-1.60	0.0	0.0	0.0	0.0
2162	1	46.81	0.0	-4.15e-03	-4.16	0.0	-53.45	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-3.10e-03	0.0	90.0	-53.45	-2.08	0.0	0.0	0.0	0.0
2162	2	36.01	0.0	-3.33e-03	-3.20	0.0	-43.24	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.50e-03	0.0	90.0	-43.24	-1.60	0.0	0.0	0.0	0.0
2162	3	36.01	0.0	-3.13e-03	-3.20	0.0	-40.22	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.34e-03	0.0	90.0	-40.22	-1.60	0.0	0.0	0.0	0.0
2162	4	36.01	0.0	-2.77e-03	-3.20	0.0	-33.97	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.00e-03	0.0	90.0	-33.97	-1.60	0.0	0.0	0.0	0.0
2162	5	36.01	0.0	-2.77e-03	-3.20	0.0	-33.97	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.00e-03	0.0	90.0	-33.97	-1.60	0.0	0.0	0.0	0.0
2163	1	46.81	0.0	-1.90e-03	-4.16	0.0	-0.10	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-0.10	-2.08	0.0	0.0	0.0	0.0
2163	2	36.01	0.0	-1.47e-03	-3.20	0.0	-0.08	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-0.08	-1.60	0.0	0.0	0.0	0.0
2163	3	36.01	0.0	-1.45e-03	-3.20	0.0	-0.08	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-0.08	-1.60	0.0	0.0	0.0	0.0
2163	4	36.01	0.0	-1.43e-03	-3.20	0.0	-0.07	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	-0.07	-1.60	0.0	0.0	0.0	0.0
2163	5	36.01	0.0	-1.43e-03	-3.20	0.0	-0.07	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	-0.07	-1.60	0.0	0.0	0.0	0.0
2165	1	46.81	0.0	-0.02	-4.16	0.0	-23.40	2.08	0.0	-0.21	0.0	0.0
		0.0	0.0	-3.85e-03	0.0	90.0	-23.40	-2.08	0.0	-0.21	0.0	0.0
2165	2	36.01	0.0	-0.02	-3.20	0.0	-18.84	1.60	0.0	-0.20	0.0	0.0
		0.0	0.0	-3.11e-03	0.0	90.0	-18.84	-1.60	0.0	-0.20	0.0	0.0
2165	3	36.01	0.0	-0.02	-3.20	0.0	-17.61	1.60	0.0	-0.15	0.0	0.0
		0.0	0.0	-2.90e-03	0.0	90.0	-17.61	-1.60	0.0	-0.15	0.0	0.0
2165	4	36.01	0.0	-0.01	-3.20	0.0	-15.16	1.60	0.0	-0.03	0.0	0.0
		0.0	0.0	-2.47e-03	0.0	90.0	-15.16	-1.60	0.0	-0.03	0.0	0.0
2165	5	36.01	0.0	-0.01	-3.20	0.0	-15.16	1.60	0.0	-0.03	0.0	0.0
		0.0	0.0	-2.47e-03	0.0	90.0	-15.16	-1.60	0.0	-0.03	0.0	0.0
2168	1	46.81	0.0	0.02	-4.16	0.0	-382.43	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-9.45e-03	0.0	90.0	-382.43	-2.08	0.0	0.0	0.0	0.0
2168	2	36.01	0.0	0.02	-3.20	0.0	-307.81	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.59e-03	0.0	90.0	-307.81	-1.60	0.0	0.0	0.0	0.0
2168	3	36.01	0.0	0.01	-3.20	0.0	-288.11	1.60	0.0	0.0	0.0	0.0

		0.0	0.0	-7.13e-03	0.0	90.0	-288.11	-1.60	0.0	0.0	0.0	0.0
2168	4	36.01	0.0	0.01	-3.20	0.0	-248.70	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.18e-03	0.0	90.0	-248.70	-1.60	0.0	0.0	0.0	0.0
2168	5	36.01	0.0	0.01	-3.20	0.0	-248.70	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.18e-03	0.0	90.0	-248.70	-1.60	0.0	0.0	0.0	0.0
2169	1	46.81	0.0	-1.70e-03	-4.16	0.0	4.63	2.08	0.0	-1.26	0.0	0.0
		0.0	0.0	-1.82e-03	0.0	90.0	4.63	-2.08	0.0	-1.26	0.0	0.0
2169	2	36.01	0.0	-1.29e-03	-3.20	0.0	3.67	1.60	0.0	-1.02	0.0	0.0
		0.0	0.0	-1.47e-03	0.0	90.0	3.67	-1.60	0.0	-1.02	0.0	0.0
2169	3	36.01	0.0	-1.32e-03	-3.20	0.0	3.51	1.60	0.0	-0.95	0.0	0.0
		0.0	0.0	-1.37e-03	0.0	90.0	3.51	-1.60	0.0	-0.95	0.0	0.0
2169	4	36.01	0.0	-1.38e-03	-3.20	0.0	3.20	1.60	0.0	-0.82	0.0	0.0
		0.0	0.0	-1.17e-03	0.0	90.0	3.20	-1.60	0.0	-0.82	0.0	0.0
2169	5	36.01	0.0	-1.38e-03	-3.20	0.0	3.20	1.60	0.0	-0.82	0.0	0.0
		0.0	0.0	-1.17e-03	0.0	90.0	3.20	-1.60	0.0	-0.82	0.0	0.0
2170	1	46.81	0.0	8.62e-03	-4.16	0.0	0.86	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.74e-03	0.0	90.0	0.86	-2.08	0.0	0.0	0.0	0.0
2170	2	36.01	0.0	7.07e-03	-3.20	0.0	0.71	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.21e-03	0.0	90.0	0.71	-1.60	0.0	0.0	0.0	0.0
2170	3	36.01	0.0	6.43e-03	-3.20	0.0	0.70	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.08e-03	0.0	90.0	0.70	-1.60	0.0	0.0	0.0	0.0
2170	4	36.01	0.0	5.15e-03	-3.20	0.0	0.50	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.80e-03	0.0	90.0	0.50	-1.60	0.0	0.0	0.0	0.0
2170	5	36.01	0.0	5.15e-03	-3.20	0.0	0.50	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.80e-03	0.0	90.0	0.50	-1.60	0.0	0.0	0.0	0.0
2171	1	46.81	0.0	-1.32e-03	-4.16	0.0	-363.93	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	-363.93	-2.08	0.0	0.0	0.0	0.0
2171	2	36.01	0.0	-9.95e-04	-3.20	0.0	-292.93	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.14e-03	0.0	90.0	-292.93	-1.60	0.0	0.0	0.0	0.0
2171	3	36.01	0.0	-1.03e-03	-3.20	0.0	-274.17	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.64e-03	0.0	90.0	-274.17	-1.60	0.0	0.0	0.0	0.0
2171	4	36.01	0.0	-1.09e-03	-3.20	0.0	-236.67	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.65e-03	0.0	90.0	-236.67	-1.60	0.0	0.0	0.0	0.0
2171	5	36.01	0.0	-1.09e-03	-3.20	0.0	-236.67	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.65e-03	0.0	90.0	-236.67	-1.60	0.0	0.0	0.0	0.0
2173	1	26.14	0.0	4.13e-03	-3.93	0.0	-203.08	1.56	-0.05	1.74	0.0	0.0
		-34.66	-4.41	-3.40e-03	0.0	85.0	-203.08	-2.37	-0.05	1.74	-4.41	-34.66
2173	2	19.86	0.0	3.51e-03	-3.02	0.0	-162.31	1.19	-0.04	1.40	0.0	0.0
		-27.34	-3.61	-2.72e-03	0.0	85.0	-162.31	-1.83	-0.04	1.40	-3.61	-27.34
2173	3	20.22	0.0	3.04e-03	-3.02	0.0	-153.49	1.20	-0.04	1.32	0.0	0.0
		-26.38	-3.30	-2.57e-03	0.0	85.0	-153.49	-1.82	-0.04	1.32	-3.30	-26.38
2173	4	20.91	0.0	2.11e-03	-3.02	0.0	-135.80	1.22	-0.03	1.14	0.0	0.0
		-24.53	-2.61	-2.26e-03	0.0	85.0	-135.80	-1.80	-0.03	1.14	-2.61	-24.53
2173	5	20.91	0.0	2.11e-03	-3.02	0.0	-135.80	1.22	-0.03	1.14	0.0	0.0
		-24.53	-2.61	-2.26e-03	0.0	85.0	-135.80	-1.80	-0.03	1.14	-2.61	-24.53
2174	1	46.81	0.0	-9.08e-03	-4.16	0.0	0.04	2.08	0.0	11.00	0.0	0.0
		0.0	0.0	9.82e-04	0.0	90.0	0.04	-2.08	0.0	11.00	0.0	0.0
2174	2	36.01	0.0	-7.41e-03	-3.20	0.0	0.03	1.60	0.0	8.76	0.0	0.0
		0.0	0.0	7.79e-04	0.0	90.0	0.03	-1.60	0.0	8.76	0.0	0.0
2174	3	36.01	0.0	-6.80e-03	-3.20	0.0	0.03	1.60	0.0	8.33	0.0	0.0
		0.0	0.0	7.45e-04	0.0	90.0	0.03	-1.60	0.0	8.33	0.0	0.0
2174	4	36.01	0.0	-5.61e-03	-3.20	0.0	0.03	1.60	0.0	7.44	0.0	0.0
		0.0	0.0	6.78e-04	0.0	90.0	0.03	-1.60	0.0	7.44	0.0	0.0
2174	5	36.01	0.0	-5.61e-03	-3.20	0.0	0.03	1.60	0.0	7.44	0.0	0.0
		0.0	0.0	6.78e-04	0.0	90.0	0.03	-1.60	0.0	7.44	0.0	0.0
2175	1	46.81	0.0	0.03	-4.16	0.0	-402.09	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-7.54e-04	0.0	90.0	-402.09	-2.08	0.0	0.0	0.0	0.0
2175	2	36.01	0.0	0.02	-3.20	0.0	-323.64	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.35e-04	0.0	90.0	-323.64	-1.60	0.0	0.0	0.0	0.0
2175	3	36.01	0.0	0.02	-3.20	0.0	-302.92	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.57e-04	0.0	90.0	-302.92	-1.60	0.0	0.0	0.0	0.0
2175	4	36.01	0.0	0.02	-3.20	0.0	-261.48	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.18e-04	0.0	90.0	-261.48	-1.60	0.0	0.0	0.0	0.0
2175	5	36.01	0.0	0.02	-3.20	0.0	-261.48	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.18e-04	0.0	90.0	-261.48	-1.60	0.0	0.0	0.0	0.0
2176	1	46.81	0.0	-0.02	-4.16	0.0	-20.73	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.33e-03	0.0	90.0	-20.73	-2.08	0.0	0.0	0.0	0.0
2176	2	36.01	0.0	-0.02	-3.20	0.0	-16.79	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.08e-03	0.0	90.0	-16.79	-1.60	0.0	0.0	0.0	0.0
2176	3	36.01	0.0	-0.02	-3.20	0.0	-15.52	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.01e-03	0.0	90.0	-15.52	-1.60	0.0	0.0	0.0	0.0
2176	4	36.01	0.0	-0.02	-3.20	0.0	-12.85	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.84e-04	0.0	90.0	-12.85	-1.60	0.0	0.0	0.0	0.0
2176	5	36.01	0.0	-0.02	-3.20	0.0	-12.85	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.84e-04	0.0	90.0	-12.85	-1.60	0.0	0.0	0.0	0.0
2177	1	9.38	7.43	5.12e-04	-4.16	0.0	-146.85	2.03	0.05	-0.81	2.54	-35.06
		-39.79	2.54	-2.64e-03	0.0	90.0	-146.85	-2.13	0.05	-0.81	7.43	-39.79

2177	2	6.54	5.93	4.08e-04	-3.20	0.0	-116.80	1.56	0.04	-0.66	1.99	-27.67
		-31.27	1.99	-2.12e-03	0.0	90.0	-116.80	-1.64	0.04	-0.66	5.93	-31.27
2177	3	7.52	5.62	3.88e-04	-3.20	0.0	-111.27	1.56	0.04	-0.61	1.94	-26.66
		-30.32	1.94	-1.99e-03	0.0	90.0	-111.27	-1.64	0.04	-0.61	5.62	-30.32
2177	4	9.41	4.96	3.48e-04	-3.20	0.0	-100.18	1.56	0.03	-0.52	1.87	-24.74
		-28.45	1.87	-1.70e-03	0.0	90.0	-100.18	-1.64	0.03	-0.52	4.96	-28.45
2177	5	9.41	4.96	3.48e-04	-3.20	0.0	-100.18	1.56	0.03	-0.52	1.87	-24.74
		-28.45	1.87	-1.70e-03	0.0	90.0	-100.18	-1.64	0.03	-0.52	4.96	-28.45
2178	1	46.81	0.0	-3.51e-03	-4.16	0.0	3.37	2.08	0.0	3.67	0.0	0.0
		0.0	0.0	-2.83e-03	0.0	90.0	3.37	-2.08	0.0	3.67	0.0	0.0
2178	2	36.01	0.0	-2.75e-03	-3.20	0.0	2.67	1.60	0.0	2.97	0.0	0.0
		0.0	0.0	-2.28e-03	0.0	90.0	2.67	-1.60	0.0	2.97	0.0	0.0
2178	3	36.01	0.0	-2.68e-03	-3.20	0.0	2.56	1.60	0.0	2.76	0.0	0.0
		0.0	0.0	-2.13e-03	0.0	90.0	2.56	-1.60	0.0	2.76	0.0	0.0
2178	4	36.01	0.0	-2.54e-03	-3.20	0.0	2.33	1.60	0.0	2.36	0.0	0.0
		0.0	0.0	-1.83e-03	0.0	90.0	2.33	-1.60	0.0	2.36	0.0	0.0
2178	5	36.01	0.0	-2.54e-03	-3.20	0.0	2.33	1.60	0.0	2.36	0.0	0.0
		0.0	0.0	-1.83e-03	0.0	90.0	2.33	-1.60	0.0	2.36	0.0	0.0
2179	1	69.92	0.0	-0.02	-5.09	0.0	-31.25	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-7.52e-03	0.0	110.0	-31.25	-2.54	0.0	0.0	0.0	0.0
2179	2	53.79	0.0	-0.02	-3.91	0.0	-25.15	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-6.05e-03	0.0	110.0	-25.15	-1.96	0.0	0.0	0.0	0.0
2179	3	53.79	0.0	-0.02	-3.91	0.0	-23.54	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-5.67e-03	0.0	110.0	-23.54	-1.96	0.0	0.0	0.0	0.0
2179	4	53.79	0.0	-0.01	-3.91	0.0	-20.32	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-4.90e-03	0.0	110.0	-20.32	-1.96	0.0	0.0	0.0	0.0
2179	5	53.79	0.0	-0.01	-3.91	0.0	-20.32	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-4.90e-03	0.0	110.0	-20.32	-1.96	0.0	0.0	0.0	0.0
2180	1	69.92	0.0	2.48e-03	-5.09	0.0	8.70e-03	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.09	0.0	110.0	8.70e-03	-2.54	0.0	0.0	0.0	0.0
2180	2	53.79	0.0	2.00e-03	-3.91	0.0	7.03e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.07	0.0	110.0	7.03e-03	-1.96	0.0	0.0	0.0	0.0
2180	3	53.79	0.0	-1.90e-03	-3.91	0.0	6.54e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.06	0.0	110.0	6.54e-03	-1.96	0.0	0.0	0.0	0.0
2180	4	53.79	0.0	-2.01e-03	-3.91	0.0	5.57e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.06	0.0	110.0	5.57e-03	-1.96	0.0	0.0	0.0	0.0
2180	5	53.79	0.0	-2.01e-03	-3.91	0.0	5.57e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.06	0.0	110.0	5.57e-03	-1.96	0.0	0.0	0.0	0.0
2181	1	46.81	0.0	-2.07e-03	-4.16	0.0	9.04	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.83e-03	0.0	90.0	9.04	-2.08	0.0	0.0	0.0	0.0
2181	2	36.01	0.0	-1.56e-03	-3.20	0.0	7.23	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.27e-03	0.0	90.0	7.23	-1.60	0.0	0.0	0.0	0.0
2181	3	36.01	0.0	-1.60e-03	-3.20	0.0	6.97	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.12e-03	0.0	90.0	6.97	-1.60	0.0	0.0	0.0	0.0
2181	4	36.01	0.0	-1.71e-03	-3.20	0.0	6.08	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.84e-03	0.0	90.0	6.08	-1.60	0.0	0.0	0.0	0.0
2181	5	36.01	0.0	-1.71e-03	-3.20	0.0	6.08	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.84e-03	0.0	90.0	6.08	-1.60	0.0	0.0	0.0	0.0
2182	1	9.57	11.98	3.25e-03	-4.16	0.0	-196.44	2.37	0.18	1.74	-4.41	-51.14
		-51.14	-4.41	-3.89e-03	0.0	90.0	-196.44	-1.79	0.18	1.74	11.98	-25.13
2182	2	6.67	9.61	2.62e-03	-3.20	0.0	-156.97	1.83	0.15	1.40	-3.61	-40.55
		-40.55	-3.61	-3.13e-03	0.0	90.0	-156.97	-1.37	0.15	1.40	9.61	-19.62
2182	3	7.67	9.04	2.44e-03	-3.20	0.0	-148.49	1.82	0.14	1.32	-3.30	-38.81
		-38.81	-3.30	-2.93e-03	0.0	90.0	-148.49	-1.38	0.14	1.32	9.04	-19.19
2182	4	9.62	7.86	2.08e-03	-3.20	0.0	-131.51	1.79	0.12	1.14	-2.61	-35.38
		-35.38	-2.61	-2.52e-03	0.0	90.0	-131.51	-1.41	0.12	1.14	7.86	-18.39
2182	5	9.62	7.86	2.08e-03	-3.20	0.0	-131.51	1.79	0.12	1.14	-2.61	-35.38
		-35.38	-2.61	-2.52e-03	0.0	90.0	-131.51	-1.41	0.12	1.14	7.86	-18.39
2183	1	69.92	0.0	-4.37e-03	-5.09	0.0	-14.15	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	-14.15	-2.54	0.0	0.0	0.0	0.0
2183	2	53.79	0.0	-3.39e-03	-3.91	0.0	-11.37	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-11.37	-1.96	0.0	0.0	0.0	0.0
2183	3	53.79	0.0	-3.35e-03	-3.91	0.0	-10.66	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-10.66	-1.96	0.0	0.0	0.0	0.0
2183	4	53.79	0.0	-3.27e-03	-3.91	0.0	-9.25	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-9.25	-1.96	0.0	0.0	0.0	0.0
2183	5	53.79	0.0	-3.27e-03	-3.91	0.0	-9.25	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-9.25	-1.96	0.0	0.0	0.0	0.0
2184	1	46.81	0.0	1.48e-03	-4.16	0.0	12.11	2.08	0.0	-2.12	0.0	0.0
		0.0	0.0	-6.22e-04	0.0	90.0	12.11	-2.08	0.0	-2.12	0.0	0.0
2184	2	36.01	0.0	1.09e-03	-3.20	0.0	9.74	1.60	0.0	-1.73	0.0	0.0
		0.0	0.0	-5.04e-04	0.0	90.0	9.74	-1.60	0.0	-1.73	0.0	0.0
2184	3	36.01	0.0	1.17e-03	-3.20	0.0	9.15	1.60	0.0	-1.59	0.0	0.0
		0.0	0.0	-4.67e-04	0.0	90.0	9.15	-1.60	0.0	-1.59	0.0	0.0
2184	4	36.01	0.0	1.28e-03	-3.20	0.0	7.92	1.60	0.0	-1.30	0.0	0.0
		0.0	0.0	-3.96e-04	0.0	90.0	7.92	-1.60	0.0	-1.30	0.0	0.0
2184	5	36.01	0.0	1.28e-03	-3.20	0.0	7.92	1.60	0.0	-1.30	0.0	0.0



		0.0	0.0	-3.96e-04	0.0	90.0	7.92	-1.60	0.0	-1.30	0.0	0.0
2186	1	24.73	7.43	-7.68e-04	-3.93	0.0	-138.20	2.42	-0.09	-0.81	7.43	-38.42
		-38.42	0.0	-8.42e-04	0.0	85.0	-138.20	-1.51	-0.09	-0.81	0.0	0.0
2186	2	18.77	5.93	-6.83e-04	-3.02	0.0	-109.84	1.87	-0.07	-0.66	5.93	-30.22
		-30.22	0.0	-6.93e-04	0.0	85.0	-109.84	-1.16	-0.07	-0.66	0.0	0.0
2186	3	19.14	5.62	-5.50e-04	-3.02	0.0	-104.74	1.86	-0.07	-0.61	5.62	-29.26
		-29.26	0.0	-6.28e-04	0.0	85.0	-104.74	-1.17	-0.07	-0.61	0.0	0.0
2186	4	19.84	4.96	-3.33e-04	-3.02	0.0	-94.52	1.83	-0.06	-0.52	4.96	-27.39
		-27.39	0.0	-4.98e-04	0.0	85.0	-94.52	-1.19	-0.06	-0.52	0.0	0.0
2186	5	19.84	4.96	-3.33e-04	-3.02	0.0	-94.52	1.83	-0.06	-0.52	4.96	-27.39
		-27.39	0.0	-4.98e-04	0.0	85.0	-94.52	-1.19	-0.06	-0.52	0.0	0.0
2187	1	46.81	0.0	-1.40e-03	-4.16	0.0	12.05	2.08	0.0	-1.86	0.0	0.0
		0.0	0.0	-1.66e-03	0.0	90.0	12.05	-2.08	0.0	-1.86	0.0	0.0
2187	2	36.01	0.0	-1.07e-03	-3.20	0.0	9.70	1.60	0.0	-1.49	0.0	0.0
		0.0	0.0	-1.33e-03	0.0	90.0	9.70	-1.60	0.0	-1.49	0.0	0.0
2187	3	36.01	0.0	-1.08e-03	-3.20	0.0	9.10	1.60	0.0	-1.40	0.0	0.0
		0.0	0.0	-1.25e-03	0.0	90.0	9.10	-1.60	0.0	-1.40	0.0	0.0
2187	4	36.01	0.0	-1.10e-03	-3.20	0.0	7.89	1.60	0.0	-1.24	0.0	0.0
		0.0	0.0	-1.10e-03	0.0	90.0	7.89	-1.60	0.0	-1.24	0.0	0.0
2187	5	36.01	0.0	-1.10e-03	-3.20	0.0	7.89	1.60	0.0	-1.24	0.0	0.0
		0.0	0.0	-1.10e-03	0.0	90.0	7.89	-1.60	0.0	-1.24	0.0	0.0
2188	1	25.25	11.98	3.12e-03	-3.93	0.0	-196.61	2.40	-0.14	1.74	11.98	-37.05
		-37.05	0.0	-1.46e-03	0.0	85.0	-196.61	-1.53	-0.14	1.74	0.0	0.0
2188	2	19.15	9.61	2.36e-03	-3.02	0.0	-157.14	1.86	-0.11	1.40	9.61	-29.22
		-29.22	0.0	-1.19e-03	0.0	85.0	-157.14	-1.17	-0.11	1.40	0.0	0.0
2188	3	19.55	9.04	2.42e-03	-3.02	0.0	-148.55	1.84	-0.11	1.32	9.04	-28.17
		-28.17	0.0	-1.10e-03	0.0	85.0	-148.55	-1.18	-0.11	1.32	0.0	0.0
2188	4	20.30	7.86	2.54e-03	-3.02	0.0	-131.41	1.82	-0.09	1.14	7.86	-26.15
		-26.15	0.0	-9.18e-04	0.0	85.0	-131.41	-1.20	-0.09	1.14	0.0	0.0
2188	5	20.30	7.86	2.54e-03	-3.02	0.0	-131.41	1.82	-0.09	1.14	7.86	-26.15
		-26.15	0.0	-9.18e-04	0.0	85.0	-131.41	-1.20	-0.09	1.14	0.0	0.0
2191	1	13.72	5.05	0.02	-3.93	0.0	-284.87	1.13	0.06	3.57	0.0	0.0
		-70.92	0.0	-5.73e-03	0.0	85.0	-284.87	-2.80	0.06	3.57	5.05	-70.92
2191	2	9.96	4.02	0.01	-3.02	0.0	-229.89	0.85	0.05	2.88	0.0	0.0
		-56.49	0.0	-4.60e-03	0.0	85.0	-229.89	-2.18	0.05	2.88	4.02	-56.49
2191	3	10.82	3.81	0.01	-3.02	0.0	-214.37	0.88	0.04	2.69	0.0	0.0
		-53.69	0.0	-4.32e-03	0.0	85.0	-214.37	-2.14	0.04	2.69	3.81	-53.69
2191	4	12.63	3.44	9.66e-03	-3.02	0.0	-183.54	0.95	0.04	2.31	0.0	0.0
		-47.89	0.0	-3.75e-03	0.0	85.0	-183.54	-2.07	0.04	2.31	3.44	-47.89
2191	5	12.63	3.44	9.66e-03	-3.02	0.0	-183.54	0.95	0.04	2.31	0.0	0.0
		-47.89	0.0	-3.75e-03	0.0	85.0	-183.54	-2.07	0.04	2.31	3.44	-47.89
2192	1	26.28	3.20	-9.13e-04	-3.93	0.0	-170.37	1.56	0.04	-0.78	0.0	0.0
		-34.30	0.0	-3.59e-03	0.0	85.0	-170.37	-2.37	0.04	-0.78	3.20	-34.30
2192	2	20.02	2.52	-6.24e-04	-3.02	0.0	-135.74	1.19	0.03	-0.63	0.0	0.0
		-26.91	0.0	-2.88e-03	0.0	85.0	-135.74	-1.83	0.03	-0.63	2.52	-26.91
2192	3	20.31	2.42	-7.39e-04	-3.02	0.0	-128.96	1.20	0.03	-0.58	0.0	0.0
		-26.13	0.0	-2.71e-03	0.0	85.0	-128.96	-1.82	0.03	-0.58	2.42	-26.13
2192	4	20.86	2.27	-9.81e-04	-3.02	0.0	-115.47	1.22	0.03	-0.50	0.0	0.0
		-24.65	0.0	-2.37e-03	0.0	85.0	-115.47	-1.80	0.03	-0.50	2.27	-24.65
2192	5	20.86	2.27	-9.81e-04	-3.02	0.0	-115.47	1.22	0.03	-0.50	0.0	0.0
		-24.65	0.0	-2.37e-03	0.0	85.0	-115.47	-1.80	0.03	-0.50	2.27	-24.65
2193	1	46.81	0.0	-3.07e-03	-4.16	0.0	0.12	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-4.11e-03	0.0	90.0	0.12	-2.08	0.0	0.0	0.0	0.0
2193	2	36.01	0.0	-2.37e-03	-3.20	0.0	0.10	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.31e-03	0.0	90.0	0.10	-1.60	0.0	0.0	0.0	0.0
2193	3	36.01	0.0	-2.36e-03	-3.20	0.0	0.09	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.11e-03	0.0	90.0	0.09	-1.60	0.0	0.0	0.0	0.0
2193	4	36.01	0.0	-2.33e-03	-3.20	0.0	0.08	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.67e-03	0.0	90.0	0.08	-1.60	0.0	0.0	0.0	0.0
2193	5	36.01	0.0	-2.33e-03	-3.20	0.0	0.08	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.67e-03	0.0	90.0	0.08	-1.60	0.0	0.0	0.0	0.0
2195	1	11.07	8.03	-6.94e-04	-4.16	0.0	-168.12	2.14	0.05	-0.78	3.20	-38.56
		-38.56	3.20	-2.67e-03	0.0	90.0	-168.12	-2.02	0.05	-0.78	8.03	-32.90
2195	2	7.88	6.42	-5.52e-04	-3.20	0.0	-133.99	1.65	0.04	-0.63	2.52	-30.32
		-30.32	2.52	-2.15e-03	0.0	90.0	-133.99	-1.55	0.04	-0.63	6.42	-25.92
2195	3	8.80	6.08	-5.26e-04	-3.20	0.0	-127.29	1.65	0.04	-0.58	2.42	-29.36
		-29.36	2.42	-2.01e-03	0.0	90.0	-127.29	-1.55	0.04	-0.58	6.08	-25.05
2195	4	10.57	5.36	-4.71e-04	-3.20	0.0	-113.80	1.65	0.03	-0.50	2.27	-27.49
		-27.49	2.27	-1.73e-03	0.0	90.0	-113.80	-1.55	0.03	-0.50	5.36	-23.39
2195	5	10.57	5.36	-4.71e-04	-3.20	0.0	-113.80	1.65	0.03	-0.50	2.27	-27.49
		-27.49	2.27	-1.73e-03	0.0	90.0	-113.80	-1.55	0.03	-0.50	5.36	-23.39
2196	1	69.92	0.0	0.02	-5.09	0.0	-102.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-3.70e-03	0.0	110.0	-102.85	-2.54	0.0	0.0	0.0	0.0
2196	2	53.79	0.0	0.02	-3.91	0.0	-83.00	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.98e-03	0.0	110.0	-83.00	-1.96	0.0	0.0	0.0	0.0
2196	3	53.79	0.0	0.02	-3.91	0.0	-77.41	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.79e-03	0.0	110.0	-77.41	-1.96	0.0	0.0	0.0	0.0

2196	4	53.79	0.0	0.01	-3.91	0.0	-66.19	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.41e-03	0.0	110.0	-66.19	-1.96	0.0	0.0	0.0	0.0
2196	5	53.79	0.0	0.01	-3.91	0.0	-66.19	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.41e-03	0.0	110.0	-66.19	-1.96	0.0	0.0	0.0	0.0
2199	1	69.92	0.0	0.02	-5.09	0.0	-130.42	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-9.95e-04	0.0	110.0	-130.42	-2.54	0.0	0.0	0.0	0.0
2199	2	53.79	0.0	0.02	-3.91	0.0	-105.33	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-7.96e-04	0.0	110.0	-105.33	-1.96	0.0	0.0	0.0	0.0
2199	3	53.79	0.0	0.02	-3.91	0.0	-98.04	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-7.72e-04	0.0	110.0	-98.04	-1.96	0.0	0.0	0.0	0.0
2199	4	53.79	0.0	0.02	-3.91	0.0	-83.75	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-6.61e-04	0.0	110.0	-83.75	-1.96	0.0	0.0	0.0	0.0
2199	5	53.79	0.0	0.02	-3.91	0.0	-83.75	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-6.61e-04	0.0	110.0	-83.75	-1.96	0.0	0.0	0.0	0.0
2204	1	21.93	0.0	2.37e-03	-3.93	0.0	-133.28	1.42	-0.08	2.96	0.0	0.0
		-45.89	-6.48	-4.51e-03	0.0	85.0	-133.28	-2.50	-0.08	2.96	-6.48	-45.89
2204	2	16.50	0.0	2.07e-03	-3.02	0.0	-105.96	1.08	-0.06	2.38	0.0	0.0
		-36.30	-5.21	-3.64e-03	0.0	85.0	-105.96	-1.94	-0.06	2.38	-5.21	-36.30
2204	3	17.03	0.0	1.71e-03	-3.02	0.0	-100.97	1.10	-0.06	2.23	0.0	0.0
		-34.89	-4.91	-3.39e-03	0.0	85.0	-100.97	-1.92	-0.06	2.23	-4.91	-34.89
2204	4	18.10	0.0	1.01e-03	-3.02	0.0	-91.02	1.13	-0.05	1.92	0.0	0.0
		-32.03	-4.22	-2.91e-03	0.0	85.0	-91.02	-1.89	-0.05	1.92	-4.22	-32.03
2204	5	18.10	0.0	1.01e-03	-3.02	0.0	-91.02	1.13	-0.05	1.92	0.0	0.0
		-32.03	-4.22	-2.91e-03	0.0	85.0	-91.02	-1.89	-0.05	1.92	-4.22	-32.03
2205	1	5.17	3.13	2.80e-04	-4.16	0.0	-156.46	2.14	0.11	2.96	-6.48	-44.50
		-44.50	-6.48	-6.00e-03	0.0	90.0	-156.46	-2.02	0.11	2.96	3.13	-38.78
2205	2	3.11	2.54	2.45e-04	-3.20	0.0	-124.61	1.65	0.09	2.38	-5.21	-35.16
		-35.16	-5.21	-4.83e-03	0.0	90.0	-124.61	-1.55	0.09	2.38	2.54	-30.63
2205	3	4.35	2.36	1.98e-04	-3.20	0.0	-118.41	1.65	0.08	2.23	-4.91	-33.86
		-33.86	-4.91	-4.52e-03	0.0	90.0	-118.41	-1.55	0.08	2.23	2.36	-29.45
2205	4	6.78	1.95	1.32e-04	-3.20	0.0	-106.08	1.64	0.07	1.92	-4.22	-31.18
		-31.18	-4.22	-3.89e-03	0.0	90.0	-106.08	-1.56	0.07	1.92	1.95	-27.26
2205	5	6.78	1.95	1.32e-04	-3.20	0.0	-106.08	1.64	0.07	1.92	-4.22	-31.18
		-31.18	-4.22	-3.89e-03	0.0	90.0	-106.08	-1.56	0.07	1.92	1.95	-27.26
2212	1	46.81	0.0	-2.23e-03	-4.16	0.0	7.99	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-8.63e-03	0.0	90.0	7.99	-2.08	0.0	0.0	0.0	0.0
2212	2	36.01	0.0	-1.74e-03	-3.20	0.0	6.39	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.95e-03	0.0	90.0	6.39	-1.60	0.0	0.0	0.0	0.0
2212	3	36.01	0.0	-1.71e-03	-3.20	0.0	6.03	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.51e-03	0.0	90.0	6.03	-1.60	0.0	0.0	0.0	0.0
2212	4	36.01	0.0	-1.65e-03	-3.20	0.0	5.31	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.62e-03	0.0	90.0	5.31	-1.60	0.0	0.0	0.0	0.0
2212	5	36.01	0.0	-1.65e-03	-3.20	0.0	5.31	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.62e-03	0.0	90.0	5.31	-1.60	0.0	0.0	0.0	0.0
2214	1	46.81	0.0	-2.83e-03	-4.16	0.0	9.50	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	4.58e-03	0.0	90.0	9.50	-2.08	0.0	0.0	0.0	0.0
2214	2	36.01	0.0	-2.21e-03	-3.20	0.0	7.61	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	3.69e-03	0.0	90.0	7.61	-1.60	0.0	0.0	0.0	0.0
2214	3	36.01	0.0	-2.16e-03	-3.20	0.0	7.18	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	3.45e-03	0.0	90.0	7.18	-1.60	0.0	0.0	0.0	0.0
2214	4	36.01	0.0	-2.07e-03	-3.20	0.0	6.31	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	2.98e-03	0.0	90.0	6.31	-1.60	0.0	0.0	0.0	0.0
2214	5	36.01	0.0	-2.07e-03	-3.20	0.0	6.31	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	2.98e-03	0.0	90.0	6.31	-1.60	0.0	0.0	0.0	0.0
2215	1	46.81	0.0	-2.39e-03	-4.16	0.0	-0.05	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.59e-03	0.0	90.0	-0.05	-2.08	0.0	0.0	0.0	0.0
2215	2	36.01	0.0	-1.87e-03	-3.20	0.0	-0.04	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.09e-03	0.0	90.0	-0.04	-1.60	0.0	0.0	0.0	0.0
2215	3	36.01	0.0	-1.82e-03	-3.20	0.0	-0.04	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.96e-03	0.0	90.0	-0.04	-1.60	0.0	0.0	0.0	0.0
2215	4	36.01	0.0	-1.74e-03	-3.20	0.0	-0.03	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.71e-03	0.0	90.0	-0.03	-1.60	0.0	0.0	0.0	0.0
2215	5	36.01	0.0	-1.74e-03	-3.20	0.0	-0.03	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.71e-03	0.0	90.0	-0.03	-1.60	0.0	0.0	0.0	0.0
2217	1	46.81	0.0	-4.72e-03	-4.16	0.0	0.70	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	3.07e-03	0.0	90.0	0.70	-2.08	0.0	0.0	0.0	0.0
2217	2	36.01	0.0	-3.80e-03	-3.20	0.0	0.56	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	2.47e-03	0.0	90.0	0.56	-1.60	0.0	0.0	0.0	0.0
2217	3	36.01	0.0	-3.56e-03	-3.20	0.0	0.53	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	2.32e-03	0.0	90.0	0.53	-1.60	0.0	0.0	0.0	0.0
2217	4	36.01	0.0	-3.12e-03	-3.20	0.0	0.47	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	2.00e-03	0.0	90.0	0.47	-1.60	0.0	0.0	0.0	0.0
2217	5	36.01	0.0	-3.12e-03	-3.20	0.0	0.47	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	2.00e-03	0.0	90.0	0.47	-1.60	0.0	0.0	0.0	0.0
2218	1	69.92	0.0	-2.90e-03	-5.09	0.0	-10.43	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.09	0.0	110.0	-10.43	-2.54	0.0	0.0	0.0	0.0
2218	2	53.79	0.0	-2.21e-03	-3.91	0.0	-8.40	1.96	0.0	0.0	0.0	0.0

		0.0	0.0	0.07	0.0	110.0	-8.40	-1.96	0.0	0.0	0.0	0.0
2218	3	53.79	0.0	-2.24e-03	-3.91	0.0	-7.86	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.06	0.0	110.0	-7.86	-1.96	0.0	0.0	0.0	0.0
2218	4	53.79	0.0	-2.30e-03	-3.91	0.0	-6.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.06	0.0	110.0	-6.78	-1.96	0.0	0.0	0.0	0.0
2218	5	53.79	0.0	-2.30e-03	-3.91	0.0	-6.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.06	0.0	110.0	-6.78	-1.96	0.0	0.0	0.0	0.0
2219	1	46.81	0.0	-1.52e-03	-4.16	0.0	-64.77	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.80e-04	0.0	90.0	-64.77	-2.08	0.0	0.0	0.0	0.0
2219	2	36.01	0.0	-1.16e-03	-3.20	0.0	-52.13	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.44e-04	0.0	90.0	-52.13	-1.60	0.0	0.0	0.0	0.0
2219	3	36.01	0.0	-1.17e-03	-3.20	0.0	-48.79	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.36e-04	0.0	90.0	-48.79	-1.60	0.0	0.0	0.0	0.0
2219	4	36.01	0.0	-1.18e-03	-3.20	0.0	-42.12	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.19e-04	0.0	90.0	-42.12	-1.60	0.0	0.0	0.0	0.0
2219	5	36.01	0.0	-1.18e-03	-3.20	0.0	-42.12	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.19e-04	0.0	90.0	-42.12	-1.60	0.0	0.0	0.0	0.0
2220	1	46.81	0.0	-1.19e-03	-4.16	0.0	-63.47	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-63.47	-2.08	0.0	0.0	0.0	0.0
2220	2	36.01	0.0	-8.99e-04	-3.20	0.0	-51.08	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-51.08	-1.60	0.0	0.0	0.0	0.0
2220	3	36.01	0.0	-9.23e-04	-3.20	0.0	-47.82	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-47.82	-1.60	0.0	0.0	0.0	0.0
2220	4	36.01	0.0	-9.72e-04	-3.20	0.0	-41.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	9.10e-03	0.0	90.0	-41.28	-1.60	0.0	0.0	0.0	0.0
2220	5	36.01	0.0	-9.72e-04	-3.20	0.0	-41.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	9.10e-03	0.0	90.0	-41.28	-1.60	0.0	0.0	0.0	0.0
2222	1	46.81	0.0	3.31e-03	-4.16	0.0	0.65	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.35e-03	0.0	90.0	0.65	-2.08	0.0	0.0	0.0	0.0
2222	2	36.01	0.0	2.66e-03	-3.20	0.0	0.52	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.89e-03	0.0	90.0	0.52	-1.60	0.0	0.0	0.0	0.0
2222	3	36.01	0.0	2.49e-03	-3.20	0.0	0.49	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.78e-03	0.0	90.0	0.49	-1.60	0.0	0.0	0.0	0.0
2222	4	36.01	0.0	2.14e-03	-3.20	0.0	0.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.54e-03	0.0	90.0	0.42	-1.60	0.0	0.0	0.0	0.0
2222	5	36.01	0.0	2.14e-03	-3.20	0.0	0.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.54e-03	0.0	90.0	0.42	-1.60	0.0	0.0	0.0	0.0
2223	1	46.81	0.0	-1.60e-03	-4.16	0.0	0.80	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	0.80	-2.08	0.0	0.0	0.0	0.0
2223	2	36.01	0.0	-1.23e-03	-3.20	0.0	0.65	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	0.65	-1.60	0.0	0.0	0.0	0.0
2223	3	36.01	0.0	-1.23e-03	-3.20	0.0	0.60	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	0.60	-1.60	0.0	0.0	0.0	0.0
2223	4	36.01	0.0	-1.24e-03	-3.20	0.0	0.52	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	0.52	-1.60	0.0	0.0	0.0	0.0
2223	5	36.01	0.0	-1.24e-03	-3.20	0.0	0.52	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	0.52	-1.60	0.0	0.0	0.0	0.0
2224	1	69.92	0.0	0.03	-5.09	0.0	-23.92	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.15	0.0	110.0	-23.92	-2.54	0.0	0.0	0.0	0.0
2224	2	53.79	0.0	0.02	-3.91	0.0	-19.25	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.12	0.0	110.0	-19.25	-1.96	0.0	0.0	0.0	0.0
2224	3	53.79	0.0	0.02	-3.91	0.0	-18.01	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.11	0.0	110.0	-18.01	-1.96	0.0	0.0	0.0	0.0
2224	4	53.79	0.0	0.02	-3.91	0.0	-15.55	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.10	0.0	110.0	-15.55	-1.96	0.0	0.0	0.0	0.0
2224	5	53.79	0.0	0.02	-3.91	0.0	-15.55	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.10	0.0	110.0	-15.55	-1.96	0.0	0.0	0.0	0.0
2225	1	46.81	0.0	-0.05	-4.16	0.0	34.54	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	34.54	-2.08	0.0	0.0	0.0	0.0
2225	2	36.01	0.0	-0.04	-3.20	0.0	27.75	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	27.75	-1.60	0.0	0.0	0.0	0.0
2225	3	36.01	0.0	-0.04	-3.20	0.0	26.07	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	9.59e-03	0.0	90.0	26.07	-1.60	0.0	0.0	0.0	0.0
2225	4	36.01	0.0	-0.03	-3.20	0.0	22.85	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	8.27e-03	0.0	90.0	22.85	-1.60	0.0	0.0	0.0	0.0
2225	5	36.01	0.0	-0.03	-3.20	0.0	22.85	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	8.27e-03	0.0	90.0	22.85	-1.60	0.0	0.0	0.0	0.0
2226	1	69.92	0.0	-0.07	-5.09	0.0	-368.70	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-2.94e-03	0.0	110.0	-368.70	-2.54	0.0	0.0	0.0	0.0
2226	2	53.79	0.0	-0.05	-3.91	0.0	-297.97	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.36e-03	0.0	110.0	-297.97	-1.96	0.0	0.0	0.0	0.0
2226	3	53.79	0.0	-0.05	-3.91	0.0	-277.76	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.21e-03	0.0	110.0	-277.76	-1.96	0.0	0.0	0.0	0.0
2226	4	53.79	0.0	-0.04	-3.91	0.0	-237.28	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.90e-03	0.0	110.0	-237.28	-1.96	0.0	0.0	0.0	0.0
2226	5	53.79	0.0	-0.04	-3.91	0.0	-237.28	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.90e-03	0.0	110.0	-237.28	-1.96	0.0	0.0	0.0	0.0

2229	1	69.92	0.0	-0.06	-5.09	0.0	-390.45	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-4.03e-03	0.0	110.0	-390.45	-2.54	0.0	0.0	0.0	0.0
2229	2	53.79	0.0	-0.05	-3.91	0.0	-314.50	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.25e-03	0.0	110.0	-314.50	-1.96	0.0	0.0	0.0	0.0
2229	3	53.79	0.0	-0.04	-3.91	0.0	-293.87	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.04e-03	0.0	110.0	-293.87	-1.96	0.0	0.0	0.0	0.0
2229	4	53.79	0.0	-0.04	-3.91	0.0	-252.61	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.61e-03	0.0	110.0	-252.61	-1.96	0.0	0.0	0.0	0.0
2229	5	53.79	0.0	-0.04	-3.91	0.0	-252.61	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.61e-03	0.0	110.0	-252.61	-1.96	0.0	0.0	0.0	0.0
2230	1	46.81	0.0	-2.59e-03	-4.16	0.0	11.95	2.08	0.0	-4.14	0.0	0.0
		0.0	0.0	-2.02e-03	0.0	90.0	11.95	-2.08	0.0	-4.14	0.0	0.0
2230	2	36.01	0.0	-2.00e-03	-3.20	0.0	9.61	1.60	0.0	-3.33	0.0	0.0
		0.0	0.0	-1.63e-03	0.0	90.0	9.61	-1.60	0.0	-3.33	0.0	0.0
2230	3	36.01	0.0	-1.99e-03	-3.20	0.0	9.02	1.60	0.0	-3.12	0.0	0.0
		0.0	0.0	-1.52e-03	0.0	90.0	9.02	-1.60	0.0	-3.12	0.0	0.0
2230	4	36.01	0.0	-1.98e-03	-3.20	0.0	7.82	1.60	0.0	-2.69	0.0	0.0
		0.0	0.0	-1.29e-03	0.0	90.0	7.82	-1.60	0.0	-2.69	0.0	0.0
2230	5	36.01	0.0	-1.98e-03	-3.20	0.0	7.82	1.60	0.0	-2.69	0.0	0.0
		0.0	0.0	-1.29e-03	0.0	90.0	7.82	-1.60	0.0	-2.69	0.0	0.0
2231	1	46.81	0.0	-7.29e-03	-4.16	0.0	-0.04	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-9.49e-03	0.0	90.0	-0.04	-2.08	0.0	0.0	0.0	0.0
2231	2	36.01	0.0	-5.87e-03	-3.20	0.0	-0.03	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.64e-03	0.0	90.0	-0.03	-1.60	0.0	0.0	0.0	0.0
2231	3	36.01	0.0	-5.49e-03	-3.20	0.0	-0.03	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.15e-03	0.0	90.0	-0.03	-1.60	0.0	0.0	0.0	0.0
2231	4	36.01	0.0	-4.72e-03	-3.20	0.0	-0.03	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.18e-03	0.0	90.0	-0.03	-1.60	0.0	0.0	0.0	0.0
2231	5	36.01	0.0	-4.72e-03	-3.20	0.0	-0.03	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.18e-03	0.0	90.0	-0.03	-1.60	0.0	0.0	0.0	0.0
2232	1	46.81	0.0	-4.19e-03	-4.16	0.0	-0.17	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-4.75e-03	0.0	90.0	-0.17	-2.08	0.0	0.0	0.0	0.0
2232	2	36.01	0.0	-3.35e-03	-3.20	0.0	-0.13	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.82e-03	0.0	90.0	-0.13	-1.60	0.0	0.0	0.0	0.0
2232	3	36.01	0.0	-3.16e-03	-3.20	0.0	-0.13	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.57e-03	0.0	90.0	-0.13	-1.60	0.0	0.0	0.0	0.0
2232	4	36.01	0.0	-2.81e-03	-3.20	0.0	-0.11	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.09e-03	0.0	90.0	-0.11	-1.60	0.0	0.0	0.0	0.0
2232	5	36.01	0.0	-2.81e-03	-3.20	0.0	-0.11	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.09e-03	0.0	90.0	-0.11	-1.60	0.0	0.0	0.0	0.0
2233	1	6.12	10.05	0.01	-4.16	0.0	-249.31	2.14	0.06	3.57	5.05	-43.36
		-43.36	5.05	-4.42e-03	0.0	90.0	-249.31	-2.02	0.06	3.57	10.05	-38.01
2233	2	3.95	8.05	9.58e-03	-3.20	0.0	-200.04	1.65	0.04	2.88	4.02	-34.34
		-34.34	4.02	-3.56e-03	0.0	90.0	-200.04	-1.55	0.04	2.88	8.05	-29.77
2233	3	5.05	7.60	8.96e-03	-3.20	0.0	-188.14	1.64	0.04	2.69	3.81	-32.92
		-32.92	3.81	-3.33e-03	0.0	90.0	-188.14	-1.56	0.04	2.69	7.60	-29.00
2233	4	7.26	6.63	7.72e-03	-3.20	0.0	-164.46	1.63	0.04	2.31	3.44	-29.92
		-29.92	3.44	-2.86e-03	0.0	90.0	-164.46	-1.57	0.04	2.31	6.63	-27.57
2233	5	7.26	6.63	7.72e-03	-3.20	0.0	-164.46	1.63	0.04	2.31	3.44	-29.92
		-29.92	3.44	-2.86e-03	0.0	90.0	-164.46	-1.57	0.04	2.31	6.63	-27.57
2236	1	26.29	8.03	-9.41e-04	-3.93	0.0	-169.75	2.37	-0.09	-0.78	8.03	-34.28
		-34.28	0.0	-7.20e-04	0.0	85.0	-169.75	-1.56	-0.09	-0.78	0.0	0.0
2236	2	19.98	6.42	-8.26e-04	-3.02	0.0	-135.26	1.83	-0.08	-0.63	6.42	-27.02
		-27.02	0.0	-5.94e-04	0.0	85.0	-135.26	-1.19	-0.08	-0.63	0.0	0.0
2236	3	20.32	6.08	-6.80e-04	-3.02	0.0	-128.51	1.82	-0.07	-0.58	6.08	-26.09
		-26.09	0.0	-5.36e-04	0.0	85.0	-128.51	-1.20	-0.07	-0.58	0.0	0.0
2236	4	21.00	5.36	-4.31e-04	-3.02	0.0	-114.94	1.80	-0.06	-0.50	5.36	-24.30
		-24.30	0.0	-4.19e-04	0.0	85.0	-114.94	-1.23	-0.06	-0.50	0.0	0.0
2236	5	21.00	5.36	-4.31e-04	-3.02	0.0	-114.94	1.80	-0.06	-0.50	5.36	-24.30
		-24.30	0.0	-4.19e-04	0.0	85.0	-114.94	-1.23	-0.06	-0.50	0.0	0.0
2237	1	46.81	0.0	-0.01	-4.16	0.0	-2.06	2.08	0.0	-3.15	0.0	0.0
		0.0	0.0	-2.26e-03	0.0	90.0	-2.06	-2.08	0.0	-3.15	0.0	0.0
2237	2	36.01	0.0	-0.01	-3.20	0.0	-1.68	1.60	0.0	-2.56	0.0	0.0
		0.0	0.0	-1.82e-03	0.0	90.0	-1.68	-1.60	0.0	-2.56	0.0	0.0
2237	3	36.01	0.0	-0.01	-3.20	0.0	-1.55	1.60	0.0	-2.37	0.0	0.0
		0.0	0.0	-1.70e-03	0.0	90.0	-1.55	-1.60	0.0	-2.37	0.0	0.0
2237	4	36.01	0.0	-9.32e-03	-3.20	0.0	-1.27	1.60	0.0	-1.97	0.0	0.0
		0.0	0.0	-1.47e-03	0.0	90.0	-1.27	-1.60	0.0	-1.97	0.0	0.0
2237	5	36.01	0.0	-9.32e-03	-3.20	0.0	-1.27	1.60	0.0	-1.97	0.0	0.0
		0.0	0.0	-1.47e-03	0.0	90.0	-1.27	-1.60	0.0	-1.97	0.0	0.0
2238	1	46.81	0.0	-0.01	-4.16	0.0	8.74	2.08	0.0	-19.63	0.0	0.0
		0.0	0.0	-3.05e-03	0.0	90.0	8.74	-2.08	0.0	-19.63	0.0	0.0
2238	2	36.01	0.0	-0.01	-3.20	0.0	6.98	1.60	0.0	-15.78	0.0	0.0
		0.0	0.0	-2.45e-03	0.0	90.0	6.98	-1.60	0.0	-15.78	0.0	0.0
2238	3	36.01	0.0	-0.01	-3.20	0.0	6.57	1.60	0.0	-14.80	0.0	0.0
		0.0	0.0	-2.29e-03	0.0	90.0	6.57	-1.60	0.0	-14.80	0.0	0.0
2238	4	36.01	0.0	-8.47e-03	-3.20	0.0	5.85	1.60	0.0	-12.82	0.0	0.0

		0.0	0.0	-1.96e-03	0.0	90.0	5.85	-1.60	0.0	-12.82	0.0	0.0
2238	5	36.01	0.0	-8.47e-03	-3.20	0.0	5.85	1.60	0.0	-12.82	0.0	0.0
		0.0	0.0	-1.96e-03	0.0	90.0	5.85	-1.60	0.0	-12.82	0.0	0.0
2240	1	35.68	10.05	0.01	-3.93	0.0	-175.13	2.11	-0.12	3.57	10.05	-12.38
		-12.38	0.0	-1.86e-03	0.0	85.0	-175.13	-1.82	-0.12	3.57	0.0	0.0
2240	2	27.68	8.05	0.01	-3.02	0.0	-140.29	1.62	-0.09	2.88	8.05	-9.00
		-9.00	0.0	-1.51e-03	0.0	85.0	-140.29	-1.41	-0.09	2.88	0.0	0.0
2240	3	27.35	7.60	9.68e-03	-3.02	0.0	-132.27	1.63	-0.09	2.69	7.60	-9.74
		-9.74	0.0	-1.40e-03	0.0	85.0	-132.27	-1.40	-0.09	2.69	0.0	0.0
2240	4	26.70	6.63	8.68e-03	-3.02	0.0	-116.32	1.64	-0.08	2.31	6.63	-11.23
		-11.23	0.0	-1.17e-03	0.0	85.0	-116.32	-1.38	-0.08	2.31	0.0	0.0
2240	5	26.70	6.63	8.68e-03	-3.02	0.0	-116.32	1.64	-0.08	2.31	6.63	-11.23
		-11.23	0.0	-1.17e-03	0.0	85.0	-116.32	-1.38	-0.08	2.31	0.0	0.0
2241	1	21.66	15.23	0.01	-3.93	0.0	-183.09	1.42	0.18	6.18	0.0	0.0
		-46.61	0.0	-8.06e-03	0.0	85.0	-183.09	-2.51	0.18	6.18	15.23	-46.61
2241	2	16.10	12.24	8.34e-03	-3.02	0.0	-146.62	1.07	0.14	4.98	0.0	0.0
		-37.37	0.0	-6.49e-03	0.0	85.0	-146.62	-1.95	0.14	4.98	12.24	-37.37
2241	3	16.91	11.46	7.52e-03	-3.02	0.0	-138.30	1.10	0.13	4.66	0.0	0.0
		-35.20	0.0	-6.07e-03	0.0	85.0	-138.30	-1.93	0.13	4.66	11.46	-35.20
2241	4	18.45	9.99	5.90e-03	-3.02	0.0	-121.59	1.15	0.12	4.01	0.0	0.0
		-31.09	0.0	-5.25e-03	0.0	85.0	-121.59	-1.88	0.12	4.01	9.99	-31.09
2241	5	18.45	9.99	5.90e-03	-3.02	0.0	-121.59	1.15	0.12	4.01	0.0	0.0
		-31.09	0.0	-5.25e-03	0.0	85.0	-121.59	-1.88	0.12	4.01	9.99	-31.09
2242	1	46.81	0.0	-2.79e-03	-4.16	0.0	-0.43	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.34e-03	0.0	90.0	-0.43	-2.08	0.0	0.0	0.0	0.0
2242	2	36.01	0.0	-2.19e-03	-3.20	0.0	-0.35	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.08e-03	0.0	90.0	-0.35	-1.60	0.0	0.0	0.0	0.0
2242	3	36.01	0.0	-2.12e-03	-3.20	0.0	-0.33	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.00e-03	0.0	90.0	-0.33	-1.60	0.0	0.0	0.0	0.0
2242	4	36.01	0.0	-1.98e-03	-3.20	0.0	-0.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.61e-04	0.0	90.0	-0.28	-1.60	0.0	0.0	0.0	0.0
2242	5	36.01	0.0	-1.98e-03	-3.20	0.0	-0.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.61e-04	0.0	90.0	-0.28	-1.60	0.0	0.0	0.0	0.0
2243	1	24.90	3.87	4.61e-04	-3.93	0.0	-167.27	1.52	0.05	-0.42	0.0	0.0
		-37.98	0.0	-3.83e-03	0.0	85.0	-167.27	-2.41	0.05	-0.42	3.87	-37.98
2243	2	18.88	3.06	5.33e-04	-3.02	0.0	-133.87	1.16	0.04	-0.34	0.0	0.0
		-29.94	0.0	-3.07e-03	0.0	85.0	-133.87	-1.86	0.04	-0.34	3.06	-29.94
2243	3	19.27	2.93	-3.50e-04	-3.02	0.0	-126.36	1.17	0.03	-0.31	0.0	0.0
		-28.90	0.0	-2.89e-03	0.0	85.0	-126.36	-1.85	0.03	-0.31	2.93	-28.90
2243	4	19.99	2.70	-5.92e-04	-3.02	0.0	-111.34	1.19	0.03	-0.26	0.0	0.0
		-26.99	0.0	-2.53e-03	0.0	85.0	-111.34	-1.83	0.03	-0.26	2.70	-26.99
2243	5	19.99	2.70	-5.92e-04	-3.02	0.0	-111.34	1.19	0.03	-0.26	0.0	0.0
		-26.99	0.0	-2.53e-03	0.0	85.0	-111.34	-1.83	0.03	-0.26	2.70	-26.99
2244	1	9.00	9.11	-1.91e-04	-4.16	0.0	-167.68	2.07	0.06	-0.42	3.87	-37.37
		-38.24	3.87	-2.72e-03	0.0	90.0	-167.68	-2.09	0.06	-0.42	9.11	-38.24
2244	2	6.21	7.28	-1.53e-04	-3.20	0.0	-134.18	1.59	0.05	-0.34	3.06	-29.45
		-30.13	3.06	-2.19e-03	0.0	90.0	-134.18	-1.61	0.05	-0.34	7.28	-30.13
2244	3	7.24	6.89	-1.46e-04	-3.20	0.0	-126.67	1.59	0.04	-0.31	2.93	-28.44
		-29.09	2.93	-2.05e-03	0.0	90.0	-126.67	-1.61	0.04	-0.31	6.89	-29.09
2244	4	9.22	6.08	-1.99e-04	-3.20	0.0	-111.67	1.60	0.04	-0.26	2.70	-26.61
		-26.95	2.70	-1.75e-03	0.0	90.0	-111.67	-1.60	0.04	-0.26	6.08	-26.95
2244	5	9.22	6.08	-1.99e-04	-3.20	0.0	-111.67	1.60	0.04	-0.26	2.70	-26.61
		-26.95	2.70	-1.75e-03	0.0	90.0	-111.67	-1.60	0.04	-0.26	6.08	-26.95
2249	1	46.81	0.0	-6.44e-03	-4.16	0.0	-0.38	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	9.15e-04	0.0	90.0	-0.38	-2.08	0.0	0.0	0.0	0.0
2249	2	36.01	0.0	-5.18e-03	-3.20	0.0	-0.31	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	7.47e-04	0.0	90.0	-0.31	-1.60	0.0	0.0	0.0	0.0
2249	3	36.01	0.0	-4.86e-03	-3.20	0.0	-0.29	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	6.77e-04	0.0	90.0	-0.29	-1.60	0.0	0.0	0.0	0.0
2249	4	36.01	0.0	-4.20e-03	-3.20	0.0	-0.24	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	5.44e-04	0.0	90.0	-0.24	-1.60	0.0	0.0	0.0	0.0
2249	5	36.01	0.0	-4.20e-03	-3.20	0.0	-0.24	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	5.44e-04	0.0	90.0	-0.24	-1.60	0.0	0.0	0.0	0.0
2250	1	46.81	0.0	-0.01	-4.16	0.0	-0.24	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-6.43e-04	0.0	90.0	-0.24	-2.08	0.0	0.0	0.0	0.0
2250	2	36.01	0.0	-9.74e-03	-3.20	0.0	-0.20	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.20e-04	0.0	90.0	-0.20	-1.60	0.0	0.0	0.0	0.0
2250	3	36.01	0.0	-9.09e-03	-3.20	0.0	-0.18	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.71e-04	0.0	90.0	-0.18	-1.60	0.0	0.0	0.0	0.0
2250	4	36.01	0.0	-7.79e-03	-3.20	0.0	-0.15	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.02e-04	0.0	90.0	-0.15	-1.60	0.0	0.0	0.0	0.0
2250	5	36.01	0.0	-7.79e-03	-3.20	0.0	-0.15	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.02e-04	0.0	90.0	-0.15	-1.60	0.0	0.0	0.0	0.0
2254	1	69.92	0.0	0.02	-5.09	0.0	-21.50	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.16	0.0	110.0	-21.50	-2.54	0.0	0.0	0.0	0.0
2254	2	53.79	0.0	0.01	-3.91	0.0	-17.29	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.13	0.0	110.0	-17.29	-1.96	0.0	0.0	0.0	0.0

2254	3	53.79	0.0	0.01	-3.91	0.0	-16.20	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.12	0.0	110.0	-16.20	-1.96	0.0	0.0	0.0	0.0
2254	4	53.79	0.0	0.01	-3.91	0.0	-14.02	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.11	0.0	110.0	-14.02	-1.96	0.0	0.0	0.0	0.0
2254	5	53.79	0.0	0.01	-3.91	0.0	-14.02	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.11	0.0	110.0	-14.02	-1.96	0.0	0.0	0.0	0.0
2257	1	4.92	9.06	4.73e-04	-4.16	0.0	-154.32	1.96	0.05	-0.06	4.97	-36.47
		-47.29	4.97	-2.81e-03	0.0	90.0	-154.32	-2.20	0.05	-0.06	9.06	-47.29
2257	2	2.87	7.27	3.89e-04	-3.20	0.0	-122.92	1.51	0.04	-0.05	3.96	-28.86
		-37.40	3.96	-2.27e-03	0.0	90.0	-122.92	-1.70	0.04	-0.05	7.27	-37.40
2257	3	4.19	6.84	3.54e-04	-3.20	0.0	-116.83	1.51	0.03	-0.04	3.76	-27.70
		-35.93	3.76	-2.12e-03	0.0	90.0	-116.83	-1.69	0.03	-0.04	6.84	-35.93
2257	4	6.72	5.95	2.99e-04	-3.20	0.0	-104.61	1.52	0.03	-0.03	3.41	-25.56
		-33.02	3.41	-1.82e-03	0.0	90.0	-104.61	-1.68	0.03	-0.03	5.95	-33.02
2257	5	6.72	5.95	2.99e-04	-3.20	0.0	-104.61	1.52	0.03	-0.03	3.41	-25.56
		-33.02	3.41	-1.82e-03	0.0	90.0	-104.61	-1.68	0.03	-0.03	5.95	-33.02
2259	1	603.60	0.0	-0.03	-2.08	0.0	-10.81	14.45	-0.40	26.12	0.0	0.0
		0.0	-17.92	2.00e-03	0.0	45.0	-10.81	12.37	-0.40	26.12	-17.92	603.60
2259	2	489.81	0.0	-0.03	-1.60	0.0	-8.76	11.68	-0.32	21.09	0.0	0.0
		0.0	-14.47	1.62e-03	0.0	45.0	-8.76	10.08	-0.32	21.09	-14.47	489.81
2259	3	452.97	0.0	-0.03	-1.60	0.0	-8.13	10.87	-0.30	19.66	0.0	0.0
		0.0	-13.48	1.50e-03	0.0	45.0	-8.13	9.27	-0.30	19.66	-13.48	452.97
2259	4	379.28	0.0	-0.02	-1.60	0.0	-6.85	9.23	-0.26	16.79	0.0	0.0
		0.0	-11.49	1.27e-03	0.0	45.0	-6.85	7.63	-0.26	16.79	-11.49	379.28
2259	5	379.28	0.0	-0.02	-1.60	0.0	-6.85	9.23	-0.26	16.79	0.0	0.0
		0.0	-11.49	1.27e-03	0.0	45.0	-6.85	7.63	-0.26	16.79	-11.49	379.28
2260	1	609.47	0.0	-0.03	-2.08	0.0	243.31	14.58	-0.05	8.68	0.0	0.0
		0.0	-2.29	-9.69e-04	0.0	45.0	243.31	12.50	-0.05	8.68	-2.29	609.47
2260	2	494.90	0.0	-0.02	-1.60	0.0	196.42	11.80	-0.04	7.00	0.0	0.0
		0.0	-1.84	-7.80e-04	0.0	45.0	196.42	10.20	-0.04	7.00	-1.84	494.90
2260	3	457.14	0.0	-0.02	-1.60	0.0	183.09	10.96	-0.04	6.52	0.0	0.0
		0.0	-1.73	-7.31e-04	0.0	45.0	183.09	9.36	-0.04	6.52	-1.73	457.14
2260	4	381.69	0.0	-0.02	-1.60	0.0	156.32	9.28	-0.03	5.62	0.0	0.0
		0.0	-1.48	-6.33e-04	0.0	45.0	156.32	7.68	-0.03	5.62	-1.48	381.69
2260	5	381.69	0.0	-0.02	-1.60	0.0	156.32	9.28	-0.03	5.62	0.0	0.0
		0.0	-1.48	-6.33e-04	0.0	45.0	156.32	7.68	-0.03	5.62	-1.48	381.69
2261	1	615.57	0.0	-0.02	-2.08	0.0	240.57	14.72	-2.28e-03	21.47	0.0	0.0
		0.0	-0.10	-4.79e-03	0.0	45.0	240.57	12.64	-2.28e-03	21.47	-0.10	615.57
2261	2	500.06	0.0	-0.02	-1.60	0.0	194.21	11.91	-1.82e-03	17.33	0.0	0.0
		0.0	-0.08	-3.87e-03	0.0	45.0	194.21	10.31	-1.82e-03	17.33	-0.08	500.06
2261	3	461.75	0.0	-0.02	-1.60	0.0	180.98	11.06	-1.68e-03	16.14	0.0	0.0
		0.0	-0.08	-3.60e-03	0.0	45.0	180.98	9.46	-1.68e-03	16.14	-0.08	461.75
2261	4	385.01	0.0	-0.01	-1.60	0.0	154.81	9.36	-1.93e-03	13.74	0.0	0.0
		0.0	-0.09	-3.07e-03	0.0	45.0	154.81	7.76	-1.93e-03	13.74	-0.09	385.01
2261	5	385.01	0.0	-0.01	-1.60	0.0	154.81	9.36	-1.93e-03	13.74	0.0	0.0
		0.0	-0.09	-3.07e-03	0.0	45.0	154.81	7.76	-1.93e-03	13.74	-0.09	385.01
2262	1	667.27	0.0	-0.02	-2.08	0.0	51.09	15.87	-0.46	43.24	0.0	0.0
		0.0	-20.89	-7.95e-04	0.0	45.0	51.09	13.79	-0.46	43.24	-20.89	667.27
2262	2	541.59	0.0	-0.02	-1.60	0.0	41.78	12.84	-0.38	34.96	0.0	0.0
		0.0	-16.89	-6.40e-04	0.0	45.0	41.78	11.24	-0.38	34.96	-16.89	541.59
2262	3	500.68	0.0	-0.02	-1.60	0.0	38.29	11.93	-0.35	32.51	0.0	0.0
		0.0	-15.70	-5.98e-04	0.0	45.0	38.29	10.33	-0.35	32.51	-15.70	500.68
2262	4	418.87	0.0	-0.01	-1.60	0.0	31.38	10.11	-0.30	27.56	0.0	0.0
		0.0	-13.32	-5.20e-04	0.0	45.0	31.38	8.51	-0.30	27.56	-13.32	418.87
2262	5	418.87	0.0	-0.01	-1.60	0.0	31.38	10.11	-0.30	27.56	0.0	0.0
		0.0	-13.32	-5.20e-04	0.0	45.0	31.38	8.51	-0.30	27.56	-13.32	418.87
2263	1	664.58	0.0	-0.02	-2.08	0.0	-59.84	15.81	-0.53	33.59	0.0	0.0
		0.0	-23.96	3.07e-03	0.0	45.0	-59.84	13.73	-0.53	33.59	-23.96	664.58
2263	2	539.35	0.0	-0.02	-1.60	0.0	-48.03	12.79	-0.43	27.19	0.0	0.0
		0.0	-19.37	2.48e-03	0.0	45.0	-48.03	11.19	-0.43	27.19	-19.37	539.35
2263	3	498.68	0.0	-0.02	-1.60	0.0	-45.04	11.88	-0.40	25.29	0.0	0.0
		0.0	-18.00	2.31e-03	0.0	45.0	-45.04	10.28	-0.40	25.29	-18.00	498.68
2263	4	417.34	0.0	-0.01	-1.60	0.0	-38.99	10.07	-0.34	21.42	0.0	0.0
		0.0	-15.26	1.94e-03	0.0	45.0	-38.99	8.47	-0.34	21.42	-15.26	417.34
2263	5	417.34	0.0	-0.01	-1.60	0.0	-38.99	10.07	-0.34	21.42	0.0	0.0
		0.0	-15.26	1.94e-03	0.0	45.0	-38.99	8.47	-0.34	21.42	-15.26	417.34
2264	1	616.69	0.0	-0.02	-2.08	0.0	-54.82	14.74	-0.07	11.78	0.0	0.0
		0.0	-3.14	-1.33e-03	0.0	45.0	-54.82	12.66	-0.07	11.78	-3.14	616.69
2264	2	500.78	0.0	-0.01	-1.60	0.0	-45.00	11.93	-0.06	9.50	0.0	0.0
		0.0	-2.53	-1.07e-03	0.0	45.0	-45.00	10.33	-0.06	9.50	-2.53	500.78
2264	3	462.66	0.0	-0.01	-1.60	0.0	-41.02	11.08	-0.05	8.81	0.0	0.0
		0.0	-2.37	-1.00e-03	0.0	45.0	-41.02	9.48	-0.05	8.81	-2.37	462.66
2264	4	386.31	0.0	-0.01	-1.60	0.0	-32.82	9.38	-0.05	7.46	0.0	0.0
		0.0	-2.05	-8.61e-04	0.0	45.0	-32.82	7.78	-0.05	7.46	-2.05	386.31
2264	5	386.31	0.0	-0.01	-1.60	0.0	-32.82	9.38	-0.05	7.46	0.0	0.0
		0.0	-2.05	-8.61e-04	0.0	45.0	-32.82	7.78	-0.05	7.46	-2.05	386.31
2265	1	605.47	0.0	-0.02	-2.08	0.0	-94.99	14.49	-0.03	22.15	0.0	0.0

		0.0	-1.29	-5.27e-03	0.0	45.0	-94.99	12.41	-0.03	22.15	-1.29	605.47
2265	2	491.84	0.0	-0.01	-1.60	0.0	-77.73	11.73	-0.02	17.89	0.0	0.0
		0.0	-1.03	-4.25e-03	0.0	45.0	-77.73	10.13	-0.02	17.89	-1.03	491.84
2265	3	454.10	0.0	-0.01	-1.60	0.0	-70.96	10.89	-0.02	16.64	0.0	0.0
		0.0	-0.97	-3.96e-03	0.0	45.0	-70.96	9.29	-0.02	16.64	-0.97	454.10
2265	4	378.67	0.0	-9.88e-03	-1.60	0.0	-57.46	9.21	-0.02	14.16	0.0	0.0
		0.0	-0.81	-3.38e-03	0.0	45.0	-57.46	7.61	-0.02	14.16	-0.81	378.67
2265	5	378.67	0.0	-9.88e-03	-1.60	0.0	-57.46	9.21	-0.02	14.16	0.0	0.0
		0.0	-0.81	-3.38e-03	0.0	45.0	-57.46	7.61	-0.02	14.16	-0.81	378.67
2266	1	665.14	0.0	-0.02	-2.08	0.0	-259.65	15.82	-0.52	44.46	0.0	0.0
		0.0	-23.45	-7.05e-04	0.0	45.0	-259.65	13.74	-0.52	44.46	-23.45	665.14
2266	2	539.91	0.0	-0.02	-1.60	0.0	-210.16	12.80	-0.42	35.94	0.0	0.0
		0.0	-18.96	-5.68e-04	0.0	45.0	-210.16	11.20	-0.42	35.94	-18.96	539.91
2266	3	499.11	0.0	-0.01	-1.60	0.0	-195.18	11.89	-0.39	33.42	0.0	0.0
		0.0	-17.62	-5.30e-04	0.0	45.0	-195.18	10.29	-0.39	33.42	-17.62	499.11
2266	4	417.48	0.0	-0.01	-1.60	0.0	-165.12	10.08	-0.33	28.35	0.0	0.0
		0.0	-14.95	-4.57e-04	0.0	45.0	-165.12	8.48	-0.33	28.35	-14.95	417.48
2266	5	417.48	0.0	-0.01	-1.60	0.0	-165.12	10.08	-0.33	28.35	0.0	0.0
		0.0	-14.95	-4.57e-04	0.0	45.0	-165.12	8.48	-0.33	28.35	-14.95	417.48
2267	1	676.93	0.0	-0.02	-2.08	0.0	-293.96	16.08	-0.58	34.54	0.0	0.0
		0.0	-25.98	3.67e-03	0.0	45.0	-293.96	14.00	-0.58	34.54	-25.98	676.93
2267	2	549.37	0.0	-0.02	-1.60	0.0	-237.77	13.01	-0.47	27.93	0.0	0.0
		0.0	-21.00	2.97e-03	0.0	45.0	-237.77	11.41	-0.47	27.93	-21.00	549.37
2267	3	507.93	0.0	-0.02	-1.60	0.0	-221.06	12.09	-0.43	25.96	0.0	0.0
		0.0	-19.53	2.76e-03	0.0	45.0	-221.06	10.49	-0.43	25.96	-19.53	507.93
2267	4	425.10	0.0	-0.01	-1.60	0.0	-187.28	10.25	-0.37	22.07	0.0	0.0
		0.0	-16.56	2.32e-03	0.0	45.0	-187.28	8.65	-0.37	22.07	-16.56	425.10
2267	5	425.10	0.0	-0.01	-1.60	0.0	-187.28	10.25	-0.37	22.07	0.0	0.0
		0.0	-16.56	2.32e-03	0.0	45.0	-187.28	8.65	-0.37	22.07	-16.56	425.10
2268	1	650.65	0.0	-0.02	-2.08	0.0	-170.67	15.50	-0.10	10.69	0.0	0.0
		0.0	-4.43	-1.15e-03	0.0	45.0	-170.67	13.42	-0.10	10.69	-4.43	650.65
2268	2	528.33	0.0	-0.02	-1.60	0.0	-138.73	12.54	-0.08	8.64	0.0	0.0
		0.0	-3.57	-9.26e-04	0.0	45.0	-138.73	10.94	-0.08	8.64	-3.57	528.33
2268	3	488.11	0.0	-0.02	-1.60	0.0	-128.28	11.65	-0.07	8.02	0.0	0.0
		0.0	-3.34	-8.70e-04	0.0	45.0	-128.28	10.05	-0.07	8.02	-3.34	488.11
2268	4	407.70	0.0	-0.01	-1.60	0.0	-106.74	9.86	-0.06	6.77	0.0	0.0
		0.0	-2.86	-7.46e-04	0.0	45.0	-106.74	8.26	-0.06	6.77	-2.86	407.70
2268	5	407.70	0.0	-0.01	-1.60	0.0	-106.74	9.86	-0.06	6.77	0.0	0.0
		0.0	-2.86	-7.46e-04	0.0	45.0	-106.74	8.26	-0.06	6.77	-2.86	407.70
2269	1	649.48	0.0	-0.02	-2.08	0.0	-48.80	15.47	-0.04	20.41	0.0	0.0
		0.0	-1.81	-3.16e-03	0.0	45.0	-48.80	13.39	-0.04	20.41	-1.81	649.48
2269	2	527.51	0.0	-0.02	-1.60	0.0	-40.28	12.52	-0.03	16.50	0.0	0.0
		0.0	-1.46	-2.56e-03	0.0	45.0	-40.28	10.92	-0.03	16.50	-1.46	527.51
2269	3	487.16	0.0	-0.02	-1.60	0.0	-36.47	11.63	-0.03	15.34	0.0	0.0
		0.0	-1.36	-2.37e-03	0.0	45.0	-36.47	10.03	-0.03	15.34	-1.36	487.16
2269	4	406.54	0.0	-0.01	-1.60	0.0	-28.53	9.83	-0.03	12.99	0.0	0.0
		0.0	-1.17	-2.01e-03	0.0	45.0	-28.53	8.23	-0.03	12.99	-1.17	406.54
2269	5	406.54	0.0	-0.01	-1.60	0.0	-28.53	9.83	-0.03	12.99	0.0	0.0
		0.0	-1.17	-2.01e-03	0.0	45.0	-28.53	8.23	-0.03	12.99	-1.17	406.54
2270	1	644.85	0.0	-0.02	-2.08	0.0	36.77	15.37	-0.33	38.79	0.0	0.0
		0.0	-14.99	-2.76e-04	0.0	45.0	36.77	13.29	-0.33	38.79	-14.99	644.85
2270	2	523.76	0.0	-0.01	-1.60	0.0	29.49	12.44	-0.27	31.39	0.0	0.0
		0.0	-12.14	-2.20e-04	0.0	45.0	29.49	10.84	-0.27	31.39	-12.14	523.76
2270	3	483.75	0.0	-0.01	-1.60	0.0	27.59	11.55	-0.25	29.14	0.0	0.0
		0.0	-11.26	-2.08e-04	0.0	45.0	27.59	9.95	-0.25	29.14	-11.26	483.75
2270	4	403.68	0.0	-0.01	-1.60	0.0	24.13	9.77	-0.21	24.63	0.0	0.0
		0.0	-9.49	-1.88e-04	0.0	45.0	24.13	8.17	-0.21	24.63	-9.49	403.68
2270	5	403.68	0.0	-0.01	-1.60	0.0	24.13	9.77	-0.21	24.63	0.0	0.0
		0.0	-9.49	-1.88e-04	0.0	45.0	24.13	8.17	-0.21	24.63	-9.49	403.68
2271	1	669.97	0.0	-0.02	-2.08	0.0	-9.31	15.93	-0.36	41.85	0.0	0.0
		0.0	-16.39	-9.83e-04	0.0	45.0	-9.31	13.85	-0.36	41.85	-16.39	669.97
2271	2	543.98	0.0	-0.01	-1.60	0.0	-7.13	12.89	-0.29	33.87	0.0	0.0
		0.0	-13.26	-7.90e-04	0.0	45.0	-7.13	11.29	-0.29	33.87	-13.26	543.98
2271	3	502.67	0.0	-0.01	-1.60	0.0	-7.35	11.97	-0.27	31.43	0.0	0.0
		0.0	-12.30	-7.46e-04	0.0	45.0	-7.35	10.37	-0.27	31.43	-12.30	502.67
2271	4	420.03	0.0	-9.67e-03	-1.60	0.0	-7.42	10.13	-0.23	26.57	0.0	0.0
		0.0	-10.39	-6.47e-04	0.0	45.0	-7.42	8.53	-0.23	26.57	-10.39	420.03
2271	5	420.03	0.0	-9.67e-03	-1.60	0.0	-7.42	10.13	-0.23	26.57	0.0	0.0
		0.0	-10.39	-6.47e-04	0.0	45.0	-7.42	8.53	-0.23	26.57	-10.39	420.03
2272	1	704.71	0.0	-0.02	-2.08	0.0	-85.45	16.70	-0.46	35.21	0.0	0.0
		0.0	-20.89	2.36e-03	0.0	45.0	-85.45	14.62	-0.46	35.21	-20.89	704.71
2272	2	571.87	0.0	-0.01	-1.60	0.0	-68.30	13.51	-0.38	28.47	0.0	0.0
		0.0	-16.90	1.92e-03	0.0	45.0	-68.30	11.91	-0.38	28.47	-16.90	571.87
2272	3	528.88	0.0	-0.01	-1.60	0.0	-64.73	12.55	-0.35	26.51	0.0	0.0
		0.0	-15.67	1.76e-03	0.0	45.0	-64.73	10.95	-0.35	26.51	-15.67	528.88
2272	4	442.78	0.0	-0.01	-1.60	0.0	-57.19	10.64	-0.29	22.47	0.0	0.0
		0.0	-13.26	1.48e-03	0.0	45.0	-57.19	9.04	-0.29	22.47	-13.26	442.78

2272	5	442.78	0.0	-0.01	-1.60	0.0	-57.19	10.64	-0.29	22.47	0.0	0.0
		0.0	-13.26	1.48e-03	0.0	45.0	-57.19	9.04	-0.29	22.47	-13.26	442.78
2273	1	670.88	0.0	-0.01	-2.08	0.0	29.27	15.95	-0.02	15.16	0.0	0.0
		0.0	-0.99	-2.17e-03	0.0	45.0	29.27	13.87	-0.02	15.16	-0.99	670.88
2273	2	544.71	0.0	-0.01	-1.60	0.0	23.75	12.90	-0.02	12.24	0.0	0.0
		0.0	-0.80	-1.75e-03	0.0	45.0	23.75	11.30	-0.02	12.24	-0.80	544.71
2273	3	503.59	0.0	-0.01	-1.60	0.0	21.62	11.99	-0.02	11.41	0.0	0.0
		0.0	-0.79	-1.63e-03	0.0	45.0	21.62	10.39	-0.02	11.41	-0.79	503.59
2273	4	420.79	0.0	-9.13e-03	-1.60	0.0	17.98	10.15	-0.01	9.74	0.0	0.0
		0.0	-0.67	-1.40e-03	0.0	45.0	17.98	8.55	-0.01	9.74	-0.67	420.79
2273	5	420.79	0.0	-9.13e-03	-1.60	0.0	17.98	10.15	-0.01	9.74	0.0	0.0
		0.0	-0.67	-1.40e-03	0.0	45.0	17.98	8.55	-0.01	9.74	-0.67	420.79
2274	1	532.81	1.91	-5.41e-03	-2.08	0.0	211.07	12.88	0.04	23.51	0.0	0.0
		0.0	0.0	-5.79e-03	0.0	45.0	211.07	10.80	0.04	23.51	1.91	532.81
2274	2	432.83	1.54	-4.38e-03	-1.60	0.0	170.71	10.42	0.03	18.97	0.0	0.0
		0.0	0.0	-4.68e-03	0.0	45.0	170.71	8.82	0.03	18.97	1.54	432.83
2274	3	399.65	1.43	-4.07e-03	-1.60	0.0	158.76	9.68	0.03	17.69	0.0	0.0
		0.0	0.0	-4.35e-03	0.0	45.0	158.76	8.08	0.03	17.69	1.43	399.65
2274	4	333.27	1.21	-3.43e-03	-1.60	0.0	134.59	8.21	0.03	15.11	0.0	0.0
		0.0	0.0	-3.72e-03	0.0	45.0	134.59	6.61	0.03	15.11	1.21	333.27
2274	5	333.27	1.21	-3.43e-03	-1.60	0.0	134.59	8.21	0.03	15.11	0.0	0.0
		0.0	0.0	-3.72e-03	0.0	45.0	134.59	6.61	0.03	15.11	1.21	333.27
2275	1	506.02	0.62	-0.01	-2.08	0.0	-153.82	12.29	0.01	-31.06	0.0	0.0
		0.0	0.0	-9.10e-04	0.0	45.0	-153.82	10.20	0.01	-31.06	0.62	506.02
2275	2	411.85	0.50	-0.01	-1.60	0.0	-125.24	9.95	0.01	-25.12	0.0	0.0
		0.0	0.0	-7.36e-04	0.0	45.0	-125.24	8.35	0.01	-25.12	0.50	411.85
2275	3	379.23	0.49	-0.01	-1.60	0.0	-114.99	9.23	0.01	-23.41	0.0	0.0
		0.0	0.0	-6.88e-04	0.0	45.0	-114.99	7.63	0.01	-23.41	0.49	379.23
2275	4	313.94	0.41	-8.39e-03	-1.60	0.0	-95.01	7.78	9.10e-03	-19.89	0.0	0.0
		0.0	0.0	-5.89e-04	0.0	45.0	-95.01	6.18	9.10e-03	-19.89	0.41	313.94
2275	5	313.94	0.41	-8.39e-03	-1.60	0.0	-95.01	7.78	9.10e-03	-19.89	0.0	0.0
		0.0	0.0	-5.89e-04	0.0	45.0	-95.01	6.18	9.10e-03	-19.89	0.41	313.94
2276	1	539.48	25.98	-0.02	-2.08	0.0	-101.40	13.03	0.58	-46.18	0.0	0.0
		0.0	0.0	-2.30e-03	0.0	45.0	-101.40	10.95	0.58	-46.18	25.98	539.48
2276	2	438.60	21.00	-0.02	-1.60	0.0	-82.62	10.55	0.47	-37.33	0.0	0.0
		0.0	0.0	-1.86e-03	0.0	45.0	-82.62	8.95	0.47	-37.33	21.00	438.60
2276	3	404.47	19.53	-0.01	-1.60	0.0	-75.98	9.79	0.43	-34.70	0.0	0.0
		0.0	0.0	-1.73e-03	0.0	45.0	-75.98	8.19	0.43	-34.70	19.53	404.47
2276	4	336.22	16.56	-0.01	-1.60	0.0	-62.53	8.27	0.37	-29.41	0.0	0.0
		0.0	0.0	-1.47e-03	0.0	45.0	-62.53	6.67	0.37	-29.41	16.56	336.22
2276	5	336.22	16.56	-0.01	-1.60	0.0	-62.53	8.27	0.37	-29.41	0.0	0.0
		0.0	0.0	-1.47e-03	0.0	45.0	-62.53	6.67	0.37	-29.41	16.56	336.22
2277	1	550.26	4.43	-0.02	-2.08	0.0	-226.99	13.27	0.10	-10.98	0.0	0.0
		0.0	0.0	-1.77e-03	0.0	45.0	-226.99	11.19	0.10	-10.98	4.43	550.26
2277	2	447.36	3.57	-0.02	-1.60	0.0	-183.75	10.74	0.08	-8.87	0.0	0.0
		0.0	0.0	-1.42e-03	0.0	45.0	-183.75	9.14	0.08	-8.87	3.57	447.36
2277	3	412.61	3.34	-0.01	-1.60	0.0	-170.67	9.97	0.07	-8.27	0.0	0.0
		0.0	0.0	-1.34e-03	0.0	45.0	-170.67	8.37	0.07	-8.27	3.34	412.61
2277	4	343.04	2.86	-0.01	-1.60	0.0	-144.15	8.42	0.06	-7.05	0.0	0.0
		0.0	0.0	-1.15e-03	0.0	45.0	-144.15	6.82	0.06	-7.05	2.86	343.04
2277	5	343.04	2.86	-0.01	-1.60	0.0	-144.15	8.42	0.06	-7.05	0.0	0.0
		0.0	0.0	-1.15e-03	0.0	45.0	-144.15	6.82	0.06	-7.05	2.86	343.04
2278	1	555.79	1.81	-0.02	-2.08	0.0	-336.11	13.39	0.04	15.72	0.0	0.0
		0.0	0.0	-3.58e-04	0.0	45.0	-336.11	11.31	0.04	15.72	1.81	555.79
2278	2	451.96	1.46	-0.01	-1.60	0.0	-272.28	10.84	0.03	12.74	0.0	0.0
		0.0	0.0	-2.88e-04	0.0	45.0	-272.28	9.24	0.03	12.74	1.46	451.96
2278	3	416.70	1.36	-0.01	-1.60	0.0	-252.66	10.06	0.03	11.79	0.0	0.0
		0.0	0.0	-2.68e-04	0.0	45.0	-252.66	8.46	0.03	11.79	1.36	416.70
2278	4	346.12	1.17	-0.01	-1.60	0.0	-212.93	8.49	0.03	9.90	0.0	0.0
		0.0	0.0	-2.35e-04	0.0	45.0	-212.93	6.89	0.03	9.90	1.17	346.12
2278	5	346.12	1.17	-0.01	-1.60	0.0	-212.93	8.49	0.03	9.90	0.0	0.0
		0.0	0.0	-2.35e-04	0.0	45.0	-212.93	6.89	0.03	9.90	1.17	346.12
2279	1	537.99	14.99	-0.01	-2.08	0.0	-356.70	13.00	0.33	-3.75	0.0	0.0
		0.0	0.0	-5.07e-04	0.0	45.0	-356.70	10.92	0.33	-3.75	14.99	537.99
2279	2	437.64	12.14	-0.01	-1.60	0.0	-289.59	10.53	0.27	-3.05	0.0	0.0
		0.0	0.0	-4.10e-04	0.0	45.0	-289.59	8.93	0.27	-3.05	12.14	437.64
2279	3	403.28	11.26	-0.01	-1.60	0.0	-267.85	9.76	0.25	-2.82	0.0	0.0
		0.0	0.0	-3.82e-04	0.0	45.0	-267.85	8.16	0.25	-2.82	11.26	403.28
2279	4	334.52	9.49	-8.81e-03	-1.60	0.0	-223.97	8.23	0.21	-2.36	0.0	0.0
		0.0	0.0	-3.30e-04	0.0	45.0	-223.97	6.63	0.21	-2.36	9.49	334.52
2279	5	334.52	9.49	-8.81e-03	-1.60	0.0	-223.97	8.23	0.21	-2.36	0.0	0.0
		0.0	0.0	-3.30e-04	0.0	45.0	-223.97	6.63	0.21	-2.36	9.49	334.52
2280	1	526.49	16.39	-0.01	-2.08	0.0	-295.91	12.74	0.36	-8.31	0.0	0.0
		0.0	0.0	-1.21e-03	0.0	45.0	-295.91	10.66	0.36	-8.31	16.39	526.49
2280	2	428.37	13.26	-9.65e-03	-1.60	0.0	-240.96	10.32	0.29	-6.74	0.0	0.0
		0.0	0.0	-9.74e-04	0.0	45.0	-240.96	8.72	0.29	-6.74	13.26	428.37
2280	3	394.64	12.30	-8.91e-03	-1.60	0.0	-221.94	9.57	0.27	-6.23	0.0	0.0

		0.0	0.0	-9.13e-04	0.0	45.0	-221.94	7.97	0.27	-6.23	12.30	394.64
2280	4	327.12	10.39	-7.42e-03	-1.60	0.0	-183.50	8.07	0.23	-5.22	0.0	0.0
		0.0	0.0	-7.83e-04	0.0	45.0	-183.50	6.47	0.23	-5.22	10.39	327.12
2280	5	327.12	10.39	-7.42e-03	-1.60	0.0	-183.50	8.07	0.23	-5.22	0.0	0.0
		0.0	0.0	-7.83e-04	0.0	45.0	-183.50	6.47	0.23	-5.22	10.39	327.12
2281	1	558.93	20.89	-0.01	-2.08	0.0	-304.83	13.46	0.46	-35.96	0.0	0.0
		0.0	0.0	-2.09e-03	0.0	45.0	-304.83	11.38	0.46	-35.96	20.89	558.93
2281	2	454.42	16.90	-0.01	-1.60	0.0	-248.09	10.90	0.38	-29.10	0.0	0.0
		0.0	0.0	-1.69e-03	0.0	45.0	-248.09	9.30	0.38	-29.10	16.90	454.42
2281	3	419.05	15.67	-9.40e-03	-1.60	0.0	-228.56	10.11	0.35	-26.94	0.0	0.0
		0.0	0.0	-1.57e-03	0.0	45.0	-228.56	8.51	0.35	-26.94	15.67	419.05
2281	4	348.33	13.26	-7.91e-03	-1.60	0.0	-189.21	8.54	0.29	-22.75	0.0	0.0
		0.0	0.0	-1.34e-03	0.0	45.0	-189.21	6.94	0.29	-22.75	13.26	348.33
2281	5	348.33	13.26	-7.91e-03	-1.60	0.0	-189.21	8.54	0.29	-22.75	0.0	0.0
		0.0	0.0	-1.34e-03	0.0	45.0	-189.21	6.94	0.29	-22.75	13.26	348.33
2282	1	595.74	0.99	-0.01	-2.08	0.0	-458.50	14.28	0.02	-4.25	0.0	0.0
		0.0	0.0	-1.76e-03	0.0	45.0	-458.50	12.20	0.02	-4.25	0.99	595.74
2282	2	484.26	0.80	-9.24e-03	-1.60	0.0	-372.02	11.56	0.02	-3.45	0.0	0.0
		0.0	0.0	-1.42e-03	0.0	45.0	-372.02	9.96	0.02	-3.45	0.80	484.26
2282	3	446.84	0.79	-8.57e-03	-1.60	0.0	-344.22	10.73	0.02	-3.24	0.0	0.0
		0.0	0.0	-1.33e-03	0.0	45.0	-344.22	9.13	0.02	-3.24	0.79	446.84
2282	4	371.75	0.67	-7.21e-03	-1.60	0.0	-288.30	9.06	0.01	-2.71	0.0	0.0
		0.0	0.0	-1.14e-03	0.0	45.0	-288.30	7.46	0.01	-2.71	0.67	371.75
2282	5	371.75	0.67	-7.21e-03	-1.60	0.0	-288.30	9.06	0.01	-2.71	0.0	0.0
		0.0	0.0	-1.14e-03	0.0	45.0	-288.30	7.46	0.01	-2.71	0.67	371.75
2283	1	527.24	0.0	-4.96e-03	-2.08	0.0	-430.86	12.76	-0.04	27.23	0.0	0.0
		0.0	-1.91	-1.30e-03	0.0	45.0	-430.86	10.68	-0.04	27.23	-1.91	527.24
2283	2	428.88	0.0	-4.03e-03	-1.60	0.0	-349.57	10.33	-0.03	21.98	0.0	0.0
		0.0	-1.54	-1.04e-03	0.0	45.0	-349.57	8.73	-0.03	21.98	-1.54	428.88
2283	3	395.20	0.0	-3.72e-03	-1.60	0.0	-323.42	9.58	-0.03	20.44	0.0	0.0
		0.0	-1.43	-9.74e-04	0.0	45.0	-323.42	7.98	-0.03	20.44	-1.43	395.20
2283	4	327.86	0.0	-3.11e-03	-1.60	0.0	-270.99	8.09	-0.03	17.43	0.0	0.0
		0.0	-1.21	-8.42e-04	0.0	45.0	-270.99	6.49	-0.03	17.43	-1.21	327.86
2283	5	327.86	0.0	-3.11e-03	-1.60	0.0	-270.99	8.09	-0.03	17.43	0.0	0.0
		0.0	-1.21	-8.42e-04	0.0	45.0	-270.99	6.49	-0.03	17.43	-1.21	327.86
2284	1	569.33	0.0	-0.03	-2.08	0.0	-562.58	13.69	-0.05	5.41	0.0	0.0
		0.0	-2.29	-1.61e-03	0.0	45.0	-562.58	11.61	-0.05	5.41	-2.29	569.33
2284	2	462.85	0.0	-0.02	-1.60	0.0	-455.74	11.09	-0.04	4.37	0.0	0.0
		0.0	-1.84	-1.30e-03	0.0	45.0	-455.74	9.49	-0.04	4.37	-1.84	462.85
2284	3	426.96	0.0	-0.02	-1.60	0.0	-422.65	10.29	-0.04	4.06	0.0	0.0
		0.0	-1.72	-1.22e-03	0.0	45.0	-422.65	8.69	-0.04	4.06	-1.72	426.96
2284	4	355.28	0.0	-0.02	-1.60	0.0	-356.61	8.70	-0.03	3.49	0.0	0.0
		0.0	-1.48	-1.04e-03	0.0	45.0	-356.61	7.10	-0.03	3.49	-1.48	355.28
2284	5	355.28	0.0	-0.02	-1.60	0.0	-356.61	8.70	-0.03	3.49	0.0	0.0
		0.0	-1.48	-1.04e-03	0.0	45.0	-356.61	7.10	-0.03	3.49	-1.48	355.28
2285	1	501.02	0.0	-0.03	-2.08	0.0	-394.48	12.17	-0.49	37.68	0.0	0.0
		0.0	-21.93	-5.50e-04	0.0	45.0	-394.48	10.09	-0.49	37.68	-21.93	501.02
2285	2	407.17	0.0	-0.02	-1.60	0.0	-319.89	9.85	-0.39	30.44	0.0	0.0
		0.0	-17.71	-4.41e-04	0.0	45.0	-319.89	8.25	-0.39	30.44	-17.71	407.17
2285	3	375.71	0.0	-0.02	-1.60	0.0	-296.13	9.15	-0.37	28.33	0.0	0.0
		0.0	-16.50	-4.14e-04	0.0	45.0	-296.13	7.55	-0.37	28.33	-16.50	375.71
2285	4	312.81	0.0	-0.02	-1.60	0.0	-248.64	7.75	-0.31	24.15	0.0	0.0
		0.0	-14.08	-3.59e-04	0.0	45.0	-248.64	6.15	-0.31	24.15	-14.08	312.81
2285	5	312.81	0.0	-0.02	-1.60	0.0	-248.64	7.75	-0.31	24.15	0.0	0.0
		0.0	-14.08	-3.59e-04	0.0	45.0	-248.64	6.15	-0.31	24.15	-14.08	312.81
2286	1	526.77	0.0	-0.02	-2.08	0.0	-460.87	12.75	-5.96e-03	-23.78	0.0	0.0
		0.0	-0.27	-1.86e-03	0.0	45.0	-460.87	10.67	-5.96e-03	-23.78	-0.27	526.77
2286	2	428.59	0.0	-0.02	-1.60	0.0	-373.72	10.32	-4.51e-03	-19.26	0.0	0.0
		0.0	-0.20	-1.50e-03	0.0	45.0	-373.72	8.72	-4.51e-03	-19.26	-0.20	428.59
2286	3	394.79	0.0	-0.01	-1.60	0.0	-345.98	9.57	-4.67e-03	-17.86	0.0	0.0
		0.0	-0.21	-1.40e-03	0.0	45.0	-345.98	7.97	-4.67e-03	-17.86	-0.21	394.79
2286	4	327.22	0.0	-0.01	-1.60	0.0	-290.74	8.07	-4.47e-03	-15.12	0.0	0.0
		0.0	-0.20	-1.20e-03	0.0	45.0	-290.74	6.47	-4.47e-03	-15.12	-0.20	327.22
2286	5	327.22	0.0	-0.01	-1.60	0.0	-290.74	8.07	-4.47e-03	-15.12	0.0	0.0
		0.0	-0.20	-1.20e-03	0.0	45.0	-290.74	6.47	-4.47e-03	-15.12	-0.20	327.22
2287	1	525.31	0.0	-0.02	-2.08	0.0	-312.07	12.71	-0.46	9.12	0.0	0.0
		0.0	-20.75	-8.58e-04	0.0	45.0	-312.07	10.63	-0.46	9.12	-20.75	525.31
2287	2	427.30	0.0	-0.01	-1.60	0.0	-253.71	10.30	-0.37	7.37	0.0	0.0
		0.0	-16.78	-6.91e-04	0.0	45.0	-253.71	8.70	-0.37	7.37	-16.78	427.30
2287	3	393.75	0.0	-0.01	-1.60	0.0	-233.89	9.55	-0.35	6.85	0.0	0.0
		0.0	-15.60	-6.46e-04	0.0	45.0	-233.89	7.95	-0.35	6.85	-15.60	393.75
2287	4	326.66	0.0	-0.01	-1.60	0.0	-194.41	8.06	-0.29	5.82	0.0	0.0
		0.0	-13.24	-5.61e-04	0.0	45.0	-194.41	6.46	-0.29	5.82	-13.24	326.66
2287	5	326.66	0.0	-0.01	-1.60	0.0	-194.41	8.06	-0.29	5.82	0.0	0.0
		0.0	-13.24	-5.61e-04	0.0	45.0	-194.41	6.46	-0.29	5.82	-13.24	326.66
2288	1	540.58	0.0	-0.02	-2.08	0.0	-260.64	13.05	-0.53	41.61	0.0	0.0
		0.0	-23.69	-3.89e-04	0.0	45.0	-260.64	10.97	-0.53	41.61	-23.69	540.58

2288	2	439.48	0.0	-0.01	-1.60	0.0	-211.62	10.57	-0.43	33.67	0.0	0.0
		0.0	-19.17	-3.11e-04	0.0	45.0	-211.62	8.97	-0.43	33.67	-19.17	439.48
2288	3	405.33	0.0	-0.01	-1.60	0.0	-195.44	9.81	-0.40	31.31	0.0	0.0
		0.0	-17.82	-2.89e-04	0.0	45.0	-195.44	8.21	-0.40	31.31	-17.82	405.33
2288	4	336.98	0.0	-0.01	-1.60	0.0	-163.21	8.29	-0.34	26.54	0.0	0.0
		0.0	-15.12	-2.60e-04	0.0	45.0	-163.21	6.69	-0.34	26.54	-15.12	336.98
2288	5	336.98	0.0	-0.01	-1.60	0.0	-163.21	8.29	-0.34	26.54	0.0	0.0
		0.0	-15.12	-2.60e-04	0.0	45.0	-163.21	6.69	-0.34	26.54	-15.12	336.98
2289	1	518.07	0.0	-0.01	-2.08	0.0	-102.83	12.55	-0.54	9.36	0.0	0.0
		0.0	-24.10	1.28e-04	0.0	45.0	-102.83	10.47	-0.54	9.36	-24.10	518.07
2289	2	421.59	0.0	-0.01	-1.60	0.0	-84.95	10.17	-0.43	7.56	0.0	0.0
		0.0	-19.48	1.04e-04	0.0	45.0	-84.95	8.57	-0.43	7.56	-19.48	421.59
2289	3	388.24	0.0	-0.01	-1.60	0.0	-76.45	9.43	-0.40	7.03	0.0	0.0
		0.0	-18.13	9.60e-05	0.0	45.0	-76.45	7.83	-0.40	7.03	-18.13	388.24
2289	4	321.54	0.0	-9.00e-03	-1.60	0.0	-59.58	7.95	-0.34	5.98	0.0	0.0
		0.0	-15.41	7.73e-05	0.0	45.0	-59.58	6.35	-0.34	5.98	-15.41	321.54
2289	5	321.54	0.0	-9.00e-03	-1.60	0.0	-59.58	7.95	-0.34	5.98	0.0	0.0
		0.0	-15.41	7.73e-05	0.0	45.0	-59.58	6.35	-0.34	5.98	-15.41	321.54
2290	1	526.33	0.0	-0.02	-2.08	0.0	-128.20	12.74	-0.60	25.40	0.0	0.0
		0.0	-27.01	4.66e-04	0.0	45.0	-128.20	10.66	-0.60	25.40	-27.01	526.33
2290	2	428.26	0.0	-0.01	-1.60	0.0	-105.82	10.32	-0.49	20.53	0.0	0.0
		0.0	-21.84	3.80e-04	0.0	45.0	-105.82	8.72	-0.49	20.53	-21.84	428.26
2290	3	394.49	0.0	-0.01	-1.60	0.0	-95.44	9.57	-0.45	19.11	0.0	0.0
		0.0	-20.32	3.47e-04	0.0	45.0	-95.44	7.97	-0.45	19.11	-20.32	394.49
2290	4	326.93	0.0	-9.53e-03	-1.60	0.0	-74.77	8.07	-0.38	16.24	0.0	0.0
		0.0	-17.27	2.85e-04	0.0	45.0	-74.77	6.46	-0.38	16.24	-17.27	326.93
2290	5	326.93	0.0	-9.53e-03	-1.60	0.0	-74.77	8.07	-0.38	16.24	0.0	0.0
		0.0	-17.27	2.85e-04	0.0	45.0	-74.77	6.46	-0.38	16.24	-17.27	326.93
2291	1	558.12	0.0	-0.02	-2.08	0.0	-246.61	13.44	-0.61	52.18	0.0	0.0
		0.0	-27.62	3.14e-04	0.0	45.0	-246.61	11.36	-0.61	52.18	-27.62	558.12
2291	2	453.78	0.0	-0.01	-1.60	0.0	-201.27	10.88	-0.50	42.19	0.0	0.0
		0.0	-22.33	2.56e-04	0.0	45.0	-201.27	9.28	-0.50	42.19	-22.33	453.78
2291	3	418.48	0.0	-0.01	-1.60	0.0	-184.63	10.10	-0.46	39.26	0.0	0.0
		0.0	-20.78	2.34e-04	0.0	45.0	-184.63	8.50	-0.46	39.26	-20.78	418.48
2291	4	347.85	0.0	-0.01	-1.60	0.0	-151.43	8.53	-0.39	33.38	0.0	0.0
		0.0	-17.68	1.90e-04	0.0	45.0	-151.43	6.93	-0.39	33.38	-17.68	347.85
2291	5	347.85	0.0	-0.01	-1.60	0.0	-151.43	8.53	-0.39	33.38	0.0	0.0
		0.0	-17.68	1.90e-04	0.0	45.0	-151.43	6.93	-0.39	33.38	-17.68	347.85
2292	1	580.02	0.0	-0.01	-2.08	0.0	-409.72	13.93	-0.09	12.65	0.0	0.0
		0.0	-3.96	-5.65e-04	0.0	45.0	-409.72	11.85	-0.09	12.65	-3.96	580.02
2292	2	471.58	0.0	-0.01	-1.60	0.0	-332.75	11.28	-0.07	10.21	0.0	0.0
		0.0	-3.19	-4.52e-04	0.0	45.0	-332.75	9.68	-0.07	10.21	-3.19	471.58
2292	3	434.58	0.0	-0.01	-1.60	0.0	-306.95	10.46	-0.07	9.48	0.0	0.0
		0.0	-2.96	-4.33e-04	0.0	45.0	-306.95	8.86	-0.07	9.48	-2.96	434.58
2292	4	361.32	0.0	-9.14e-03	-1.60	0.0	-256.59	8.83	-0.06	8.07	0.0	0.0
		0.0	-2.53	-3.86e-04	0.0	45.0	-256.59	7.23	-0.06	8.07	-2.53	361.32
2292	5	361.32	0.0	-9.14e-03	-1.60	0.0	-256.59	8.83	-0.06	8.07	0.0	0.0
		0.0	-2.53	-3.86e-04	0.0	45.0	-256.59	7.23	-0.06	8.07	-2.53	361.32
2293	1	482.64	0.0	-0.02	-2.08	0.0	-485.92	11.77	-0.14	8.47	0.0	0.0
		0.0	-6.46	-1.43e-03	0.0	45.0	-485.92	9.69	-0.14	8.47	-6.46	482.64
2293	2	392.31	0.0	-0.02	-1.60	0.0	-393.72	9.52	-0.12	6.84	0.0	0.0
		0.0	-5.21	-1.15e-03	0.0	45.0	-393.72	7.92	-0.12	6.84	-5.21	392.31
2293	3	361.89	0.0	-0.02	-1.60	0.0	-364.88	8.84	-0.11	6.36	0.0	0.0
		0.0	-4.86	-1.08e-03	0.0	45.0	-364.88	7.24	-0.11	6.36	-4.86	361.89
2293	4	301.11	0.0	-0.01	-1.60	0.0	-307.27	7.49	-0.09	5.45	0.0	0.0
		0.0	-4.18	-9.18e-04	0.0	45.0	-307.27	5.89	-0.09	5.45	-4.18	301.11
2293	5	301.11	0.0	-0.01	-1.60	0.0	-307.27	7.49	-0.09	5.45	0.0	0.0
		0.0	-4.18	-9.18e-04	0.0	45.0	-307.27	5.89	-0.09	5.45	-4.18	301.11
2294	1	457.40	0.0	-0.02	-2.08	0.0	-405.74	11.20	-0.09	-20.03	0.0	0.0
		0.0	-4.05	-1.76e-03	0.0	45.0	-405.74	9.12	-0.09	-20.03	-4.05	457.40
2294	2	371.94	0.0	-0.01	-1.60	0.0	-328.87	9.07	-0.07	-16.23	0.0	0.0
		0.0	-3.25	-1.42e-03	0.0	45.0	-328.87	7.47	-0.07	-16.23	-3.25	371.94
2294	3	342.91	0.0	-0.01	-1.60	0.0	-304.58	8.42	-0.07	-15.04	0.0	0.0
		0.0	-3.05	-1.32e-03	0.0	45.0	-304.58	6.82	-0.07	-15.04	-3.05	342.91
2294	4	284.81	0.0	-0.01	-1.60	0.0	-256.12	7.13	-0.06	-12.69	0.0	0.0
		0.0	-2.64	-1.13e-03	0.0	45.0	-256.12	5.53	-0.06	-12.69	-2.64	284.81
2294	5	284.81	0.0	-0.01	-1.60	0.0	-256.12	7.13	-0.06	-12.69	0.0	0.0
		0.0	-2.64	-1.13e-03	0.0	45.0	-256.12	5.53	-0.06	-12.69	-2.64	284.81
2295	1	453.98	0.0	-0.01	-2.08	0.0	-295.40	11.13	-0.53	11.46	0.0	0.0
		0.0	-23.94	-7.84e-04	0.0	45.0	-295.40	9.05	-0.53	11.46	-23.94	453.98
2295	2	369.14	0.0	-0.01	-1.60	0.0	-239.71	9.00	-0.43	9.25	0.0	0.0
		0.0	-19.35	-6.31e-04	0.0	45.0	-239.71	7.40	-0.43	9.25	-19.35	369.14
2295	3	340.35	0.0	-0.01	-1.60	0.0	-221.72	8.36	-0.40	8.62	0.0	0.0
		0.0	-18.00	-5.90e-04	0.0	45.0	-221.72	6.76	-0.40	8.62	-18.00	340.35
2295	4	282.75	0.0	-9.05e-03	-1.60	0.0	-185.60	7.08	-0.34	7.33	0.0	0.0
		0.0	-15.30	-5.14e-04	0.0	45.0	-185.60	5.48	-0.34	7.33	-15.30	282.75
2295	5	282.75	0.0	-9.05e-03	-1.60	0.0	-185.60	7.08	-0.34	7.33	0.0	0.0

		0.0	-15.30	-5.14e-04	0.0	45.0	-185.60	5.48	-0.34	7.33	-15.30	282.75
2296	1	459.04	0.0	-0.01	-2.08	0.0	-245.13	11.24	-0.61	43.19	0.0	0.0
		0.0	-27.43	-2.93e-04	0.0	45.0	-245.13	9.16	-0.61	43.19	-27.43	459.04
2296	2	373.20	0.0	-0.01	-1.60	0.0	-198.89	9.09	-0.49	34.95	0.0	0.0
		0.0	-22.19	-2.33e-04	0.0	45.0	-198.89	7.49	-0.49	34.95	-22.19	373.20
2296	3	344.20	0.0	-0.01	-1.60	0.0	-184.06	8.45	-0.46	32.50	0.0	0.0
		0.0	-20.64	-2.17e-04	0.0	45.0	-184.06	6.85	-0.46	32.50	-20.64	344.20
2296	4	286.18	0.0	-8.67e-03	-1.60	0.0	-154.18	7.16	-0.39	27.56	0.0	0.0
		0.0	-17.54	-1.98e-04	0.0	45.0	-154.18	5.56	-0.39	27.56	-17.54	286.18
2296	5	286.18	0.0	-8.67e-03	-1.60	0.0	-154.18	7.16	-0.39	27.56	0.0	0.0
		0.0	-17.54	-1.98e-04	0.0	45.0	-154.18	5.56	-0.39	27.56	-17.54	286.18
2297	1	454.99	0.0	-0.01	-2.08	0.0	-222.89	11.15	-0.16	9.85	0.0	0.0
		0.0	-7.36	-1.29e-03	0.0	45.0	-222.89	9.07	-0.16	9.85	-7.36	454.99
2297	2	369.93	0.0	-0.01	-1.60	0.0	-180.76	9.02	-0.13	7.97	0.0	0.0
		0.0	-5.94	-1.04e-03	0.0	45.0	-180.76	7.42	-0.13	7.97	-5.94	369.93
2297	3	341.15	0.0	-9.66e-03	-1.60	0.0	-167.49	8.38	-0.12	7.39	0.0	0.0
		0.0	-5.53	-9.82e-04	0.0	45.0	-167.49	6.78	-0.12	7.39	-5.53	341.15
2297	4	283.62	0.0	-8.08e-03	-1.60	0.0	-140.82	7.10	-0.10	6.23	0.0	0.0
		0.0	-4.72	-8.50e-04	0.0	45.0	-140.82	5.50	-0.10	6.23	-4.72	283.62
2297	5	283.62	0.0	-8.08e-03	-1.60	0.0	-140.82	7.10	-0.10	6.23	0.0	0.0
		0.0	-4.72	-8.50e-04	0.0	45.0	-140.82	5.50	-0.10	6.23	-4.72	283.62
2298	1	448.71	0.0	-0.01	-2.08	0.0	-192.80	11.01	-0.10	-19.49	0.0	0.0
		0.0	-4.45	-1.84e-03	0.0	45.0	-192.80	8.93	-0.10	-19.49	-4.45	448.71
2298	2	364.89	0.0	-9.89e-03	-1.60	0.0	-156.40	8.91	-0.08	-15.80	0.0	0.0
		0.0	-3.58	-1.48e-03	0.0	45.0	-156.40	7.31	-0.08	-15.80	-3.58	364.89
2298	3	336.37	0.0	-9.13e-03	-1.60	0.0	-144.76	8.28	-0.07	-14.65	0.0	0.0
		0.0	-3.35	-1.38e-03	0.0	45.0	-144.76	6.67	-0.07	-14.65	-3.35	336.37
2298	4	279.39	0.0	-7.61e-03	-1.60	0.0	-121.71	7.01	-0.07	-12.30	0.0	0.0
		0.0	-2.93	-1.18e-03	0.0	45.0	-121.71	5.41	-0.07	-12.30	-2.93	279.39
2298	5	279.39	0.0	-7.61e-03	-1.60	0.0	-121.71	7.01	-0.07	-12.30	0.0	0.0
		0.0	-2.93	-1.18e-03	0.0	45.0	-121.71	5.41	-0.07	-12.30	-2.93	279.39
2299	1	451.12	0.0	-0.01	-2.08	0.0	-163.30	11.07	-0.51	10.87	0.0	0.0
		0.0	-23.11	-1.02e-03	0.0	45.0	-163.30	8.98	-0.51	10.87	-23.11	451.12
2299	2	366.83	0.0	-0.01	-1.60	0.0	-132.59	8.95	-0.42	8.79	0.0	0.0
		0.0	-18.69	-8.22e-04	0.0	45.0	-132.59	7.35	-0.42	8.79	-18.69	366.83
2299	3	338.21	0.0	-9.36e-03	-1.60	0.0	-122.41	8.32	-0.39	8.17	0.0	0.0
		0.0	-17.38	-7.68e-04	0.0	45.0	-122.41	6.72	-0.39	8.17	-17.38	338.21
2299	4	280.99	0.0	-7.80e-03	-1.60	0.0	-102.31	7.04	-0.33	6.96	0.0	0.0
		0.0	-14.76	-6.59e-04	0.0	45.0	-102.31	5.44	-0.33	6.96	-14.76	280.99
2299	5	280.99	0.0	-7.80e-03	-1.60	0.0	-102.31	7.04	-0.33	6.96	0.0	0.0
		0.0	-14.76	-6.59e-04	0.0	45.0	-102.31	5.44	-0.33	6.96	-14.76	280.99
2300	1	538.34	0.0	-0.02	-2.08	0.0	-259.68	13.00	-0.06	6.99	0.0	0.0
		0.0	-2.66	-1.39e-03	0.0	45.0	-259.68	10.92	-0.06	6.99	-2.66	538.34
2300	2	437.69	0.0	-0.01	-1.60	0.0	-210.26	10.53	-0.05	5.66	0.0	0.0
		0.0	-2.15	-1.12e-03	0.0	45.0	-210.26	8.93	-0.05	5.66	-2.15	437.69
2300	3	403.64	0.0	-0.01	-1.60	0.0	-195.06	9.77	-0.04	5.24	0.0	0.0
		0.0	-1.99	-1.06e-03	0.0	45.0	-195.06	8.17	-0.04	5.24	-1.99	403.64
2300	4	335.80	0.0	-9.94e-03	-1.60	0.0	-165.08	8.26	-0.04	4.40	0.0	0.0
		0.0	-1.69	-9.12e-04	0.0	45.0	-165.08	6.66	-0.04	4.40	-1.69	335.80
2300	5	335.80	0.0	-9.94e-03	-1.60	0.0	-165.08	8.26	-0.04	4.40	0.0	0.0
		0.0	-1.69	-9.12e-04	0.0	45.0	-165.08	6.66	-0.04	4.40	-1.69	335.80
2301	1	503.69	0.0	-0.01	-2.08	0.0	-177.58	12.23	-1.25e-03	-23.95	0.0	0.0
		0.0	-0.06	-1.96e-03	0.0	45.0	-177.58	10.15	-1.25e-03	-23.95	-0.06	503.69
2301	2	409.85	0.0	-0.01	-1.60	0.0	-144.14	9.91	-8.22e-04	-19.39	0.0	0.0
		0.0	-0.04	-1.58e-03	0.0	45.0	-144.14	8.31	-8.22e-04	-19.39	-0.04	409.85
2301	3	377.39	0.0	-9.88e-03	-1.60	0.0	-132.98	9.19	-1.07e-03	-18.00	0.0	0.0
		0.0	-0.05	-1.47e-03	0.0	45.0	-132.98	7.59	-1.07e-03	-18.00	-0.05	377.39
2301	4	312.66	0.0	-8.19e-03	-1.60	0.0	-111.77	7.75	-2.07e-03	-15.19	0.0	0.0
		0.0	-0.09	-1.26e-03	0.0	45.0	-111.77	6.15	-2.07e-03	-15.19	-0.09	312.66
2301	5	312.66	0.0	-8.19e-03	-1.60	0.0	-111.77	7.75	-2.07e-03	-15.19	0.0	0.0
		0.0	-0.09	-1.26e-03	0.0	45.0	-111.77	6.15	-2.07e-03	-15.19	-0.09	312.66
2302	1	590.91	0.0	-0.03	-2.08	0.0	-451.15	14.17	-0.41	34.79	0.0	0.0
		0.0	-18.37	-7.26e-04	0.0	45.0	-451.15	12.09	-0.41	34.79	-18.37	590.91
2302	2	480.27	0.0	-0.03	-1.60	0.0	-365.85	11.47	-0.33	28.10	0.0	0.0
		0.0	-14.84	-5.84e-04	0.0	45.0	-365.85	9.87	-0.33	28.10	-14.84	480.27
2302	3	443.10	0.0	-0.03	-1.60	0.0	-338.66	10.65	-0.31	26.16	0.0	0.0
		0.0	-13.82	-5.47e-04	0.0	45.0	-338.66	9.05	-0.31	26.16	-13.82	443.10
2302	4	368.75	0.0	-0.02	-1.60	0.0	-284.28	8.99	-0.26	22.29	0.0	0.0
		0.0	-11.78	-4.72e-04	0.0	45.0	-284.28	7.39	-0.26	22.29	-11.78	368.75
2302	5	368.75	0.0	-0.02	-1.60	0.0	-284.28	8.99	-0.26	22.29	0.0	0.0
		0.0	-11.78	-4.72e-04	0.0	45.0	-284.28	7.39	-0.26	22.29	-11.78	368.75
2303	1	512.12	0.0	-0.01	-2.08	0.0	-81.14	12.42	-0.44	7.89	0.0	0.0
		0.0	-19.64	-1.14e-03	0.0	45.0	-81.14	10.34	-0.44	7.89	-19.64	512.12
2303	2	416.62	0.0	-0.01	-1.60	0.0	-66.56	10.06	-0.35	6.39	0.0	0.0
		0.0	-15.89	-9.20e-04	0.0	45.0	-66.56	8.46	-0.35	6.39	-15.89	416.62
2303	3	383.88	0.0	-0.01	-1.60	0.0	-60.31	9.33	-0.33	5.93	0.0	0.0
		0.0	-14.77	-8.59e-04	0.0	45.0	-60.31	7.73	-0.33	5.93	-14.77	383.88



2303	4	318.33	0.0	-8.94e-03	-1.60	0.0	-48.45	7.87	-0.28	5.04	0.0	0.0
		0.0	-12.52	-7.38e-04	0.0	45.0	-48.45	6.27	-0.28	5.04	-12.52	318.33
2303	5	318.33	0.0	-8.94e-03	-1.60	0.0	-48.45	7.87	-0.28	5.04	0.0	0.0
		0.0	-12.52	-7.38e-04	0.0	45.0	-48.45	6.27	-0.28	5.04	-12.52	318.33
2304	1	535.70	0.0	-0.02	-2.08	0.0	-105.24	12.94	-0.49	37.84	0.0	0.0
		0.0	-21.93	-4.46e-04	0.0	45.0	-105.24	10.86	-0.49	37.84	-21.93	535.70
2304	2	435.54	0.0	-0.01	-1.60	0.0	-85.74	10.48	-0.39	30.62	0.0	0.0
		0.0	-17.74	-3.57e-04	0.0	45.0	-85.74	8.88	-0.39	30.62	-17.74	435.54
2304	3	401.66	0.0	-0.01	-1.60	0.0	-78.83	9.73	-0.37	28.51	0.0	0.0
		0.0	-16.51	-3.30e-04	0.0	45.0	-78.83	8.13	-0.37	28.51	-16.51	401.66
2304	4	333.89	0.0	-0.01	-1.60	0.0	-64.99	8.22	-0.31	24.18	0.0	0.0
		0.0	-14.02	-2.89e-04	0.0	45.0	-64.99	6.62	-0.31	24.18	-14.02	333.89
2304	5	333.89	0.0	-0.01	-1.60	0.0	-64.99	8.22	-0.31	24.18	0.0	0.0
		0.0	-14.02	-2.89e-04	0.0	45.0	-64.99	6.62	-0.31	24.18	-14.02	333.89
2305	1	549.04	0.0	-0.02	-2.08	0.0	-193.92	13.24	-0.04	4.67	0.0	0.0
		0.0	-1.70	-1.44e-03	0.0	45.0	-193.92	11.16	-0.04	4.67	-1.70	549.04
2305	2	446.33	0.0	-0.01	-1.60	0.0	-157.05	10.72	-0.03	3.78	0.0	0.0
		0.0	-1.37	-1.16e-03	0.0	45.0	-157.05	9.12	-0.03	3.78	-1.37	446.33
2305	3	411.48	0.0	-0.01	-1.60	0.0	-145.49	9.94	-0.03	3.49	0.0	0.0
		0.0	-1.25	-1.09e-03	0.0	45.0	-145.49	8.34	-0.03	3.49	-1.25	411.48
2305	4	342.36	0.0	-0.01	-1.60	0.0	-123.09	8.41	-0.02	2.94	0.0	0.0
		0.0	-1.06	-9.40e-04	0.0	45.0	-123.09	6.81	-0.02	2.94	-1.06	342.36
2305	5	342.36	0.0	-0.01	-1.60	0.0	-123.09	8.41	-0.02	2.94	0.0	0.0
		0.0	-1.06	-9.40e-04	0.0	45.0	-123.09	6.81	-0.02	2.94	-1.06	342.36
2306	1	533.45	0.0	-8.68e-03	-2.08	0.0	-405.83	12.89	-0.03	-5.12	0.0	0.0
		0.0	-1.49	-1.41e-03	0.0	45.0	-405.83	10.81	-0.03	-5.12	-1.49	533.45
2306	2	433.88	0.0	-7.02e-03	-1.60	0.0	-329.45	10.44	-0.03	-4.17	0.0	0.0
		0.0	-1.20	-1.13e-03	0.0	45.0	-329.45	8.84	-0.03	-4.17	-1.20	433.88
2306	3	399.90	0.0	-6.52e-03	-1.60	0.0	-304.39	9.69	-0.03	-3.84	0.0	0.0
		0.0	-1.14	-1.05e-03	0.0	45.0	-304.39	8.09	-0.03	-3.84	-1.14	399.90
2306	4	331.93	0.0	-5.52e-03	-1.60	0.0	-254.52	8.18	-0.02	-3.19	0.0	0.0
		0.0	-0.99	-9.08e-04	0.0	45.0	-254.52	6.58	-0.02	-3.19	-0.99	331.93
2306	5	331.93	0.0	-5.52e-03	-1.60	0.0	-254.52	8.18	-0.02	-3.19	0.0	0.0
		0.0	-0.99	-9.08e-04	0.0	45.0	-254.52	6.58	-0.02	-3.19	-0.99	331.93
2307	1	604.24	18.37	-0.03	-2.08	0.0	-10.57	14.47	0.41	-29.27	0.0	0.0
		0.0	0.0	-4.85e-03	0.0	45.0	-10.57	12.39	0.41	-29.27	18.37	604.24
2307	2	490.35	14.84	-0.03	-1.60	0.0	-8.57	11.70	0.33	-23.62	0.0	0.0
		0.0	0.0	-3.91e-03	0.0	45.0	-8.57	10.10	0.33	-23.62	14.84	490.35
2307	3	453.44	13.82	-0.03	-1.60	0.0	-7.90	10.88	0.31	-22.00	0.0	0.0
		0.0	0.0	-3.65e-03	0.0	45.0	-7.90	9.28	0.31	-22.00	13.82	453.44
2307	4	379.65	11.78	-0.02	-1.60	0.0	-6.67	9.24	0.26	-18.78	0.0	0.0
		0.0	0.0	-3.11e-03	0.0	45.0	-6.67	7.64	0.26	-18.78	11.78	379.65
2307	5	379.65	11.78	-0.02	-1.60	0.0	-6.67	9.24	0.26	-18.78	0.0	0.0
		0.0	0.0	-3.11e-03	0.0	45.0	-6.67	7.64	0.26	-18.78	11.78	379.65
2308	1	609.68	2.29	-0.03	-2.08	0.0	244.21	14.59	0.05	-8.94	0.0	0.0
		0.0	0.0	-1.72e-03	0.0	45.0	244.21	12.51	0.05	-8.94	2.29	609.68
2308	2	495.19	1.84	-0.02	-1.60	0.0	197.21	11.80	0.04	-7.21	0.0	0.0
		0.0	0.0	-1.39e-03	0.0	45.0	197.21	10.20	0.04	-7.21	1.84	495.19
2308	3	457.44	1.72	-0.02	-1.60	0.0	183.71	10.97	0.04	-6.74	0.0	0.0
		0.0	0.0	-1.29e-03	0.0	45.0	183.71	9.37	0.04	-6.74	1.72	457.44
2308	4	382.09	1.48	-0.02	-1.60	0.0	156.56	9.29	0.03	-5.76	0.0	0.0
		0.0	0.0	-1.10e-03	0.0	45.0	156.56	7.69	0.03	-5.76	1.48	382.09
2308	5	382.09	1.48	-0.02	-1.60	0.0	156.56	9.29	0.03	-5.76	0.0	0.0
		0.0	0.0	-1.10e-03	0.0	45.0	156.56	7.69	0.03	-5.76	1.48	382.09
2309	1	614.75	0.27	-0.02	-2.08	0.0	247.64	14.70	5.96e-03	-21.13	0.0	0.0
		0.0	0.0	2.06e-03	0.0	45.0	247.64	12.62	5.96e-03	-21.13	0.27	614.75
2309	2	499.42	0.20	-0.02	-1.60	0.0	199.75	11.90	4.51e-03	-17.09	0.0	0.0
		0.0	0.0	1.67e-03	0.0	45.0	199.75	10.30	4.51e-03	-17.09	0.20	499.42
2309	3	461.03	0.21	-0.02	-1.60	0.0	186.58	11.05	4.67e-03	-15.89	0.0	0.0
		0.0	0.0	1.54e-03	0.0	45.0	186.58	9.44	4.67e-03	-15.89	0.21	461.03
2309	4	384.31	0.20	-0.01	-1.60	0.0	159.76	9.34	4.47e-03	-13.53	0.0	0.0
		0.0	0.0	1.29e-03	0.0	45.0	159.76	7.74	4.47e-03	-13.53	0.20	384.31
2309	5	384.31	0.20	-0.01	-1.60	0.0	159.76	9.34	4.47e-03	-13.53	0.0	0.0
		0.0	0.0	1.29e-03	0.0	45.0	159.76	7.74	4.47e-03	-13.53	0.20	384.31
2310	1	668.45	20.75	-0.02	-2.08	0.0	59.49	15.89	0.46	-43.06	0.0	0.0
		0.0	0.0	-1.91e-03	0.0	45.0	59.49	13.81	0.46	-43.06	20.75	668.45
2310	2	542.56	16.78	-0.02	-1.60	0.0	48.34	12.86	0.37	-34.82	0.0	0.0
		0.0	0.0	-1.54e-03	0.0	45.0	48.34	11.26	0.37	-34.82	16.78	542.56
2310	3	501.59	15.60	-0.02	-1.60	0.0	44.69	11.95	0.35	-32.36	0.0	0.0
		0.0	0.0	-1.44e-03	0.0	45.0	44.69	10.35	0.35	-32.36	15.60	501.59
2310	4	419.67	13.24	-0.01	-1.60	0.0	36.78	10.13	0.29	-27.51	0.0	0.0
		0.0	0.0	-1.23e-03	0.0	45.0	36.78	8.53	0.29	-27.51	13.24	419.67
2310	5	419.67	13.24	-0.01	-1.60	0.0	36.78	10.13	0.29	-27.51	0.0	0.0
		0.0	0.0	-1.23e-03	0.0	45.0	36.78	8.53	0.29	-27.51	13.24	419.67
2311	1	669.78	23.69	-0.02	-2.08	0.0	-50.11	15.92	0.53	-33.83	0.0	0.0
		0.0	0.0	-5.73e-03	0.0	45.0	-50.11	13.84	0.53	-33.83	23.69	669.78
2311	2	543.58	19.17	-0.02	-1.60	0.0	-40.41	12.88	0.43	-27.35	0.0	0.0

		0.0	0.0	-4.64e-03	0.0	45.0	-40.41	11.28	0.43	-27.35	19.17	543.58
2311	3	502.63	17.82	-0.02	-1.60	0.0	-37.65	11.97	0.40	-25.42	0.0	0.0
		0.0	0.0	-4.31e-03	0.0	45.0	-37.65	10.37	0.40	-25.42	17.82	502.63
2311	4	420.75	15.12	-0.01	-1.60	0.0	-32.86	10.15	0.34	-21.61	0.0	0.0
		0.0	0.0	-3.67e-03	0.0	45.0	-32.86	8.55	0.34	-21.61	15.12	420.75
2311	5	420.75	15.12	-0.01	-1.60	0.0	-32.86	10.15	0.34	-21.61	0.0	0.0
		0.0	0.0	-3.67e-03	0.0	45.0	-32.86	8.55	0.34	-21.61	15.12	420.75
2312	1	627.23	2.66	-0.02	-2.08	0.0	-35.12	14.98	0.06	-12.37	0.0	0.0
		0.0	0.0	-1.44e-03	0.0	45.0	-35.12	12.90	0.06	-12.37	2.66	627.23
2312	2	509.36	2.15	-0.02	-1.60	0.0	-29.16	12.12	0.05	-9.99	0.0	0.0
		0.0	0.0	-1.16e-03	0.0	45.0	-29.16	10.52	0.05	-9.99	2.15	509.36
2312	3	470.49	1.99	-0.01	-1.60	0.0	-25.82	11.26	0.04	-9.33	0.0	0.0
		0.0	0.0	-1.09e-03	0.0	45.0	-25.82	9.66	0.04	-9.33	1.99	470.49
2312	4	393.14	1.69	-0.01	-1.60	0.0	-20.25	9.54	0.04	-8.01	0.0	0.0
		0.0	0.0	-9.30e-04	0.0	45.0	-20.25	7.94	0.04	-8.01	1.69	393.14
2312	5	393.14	1.69	-0.01	-1.60	0.0	-20.25	9.54	0.04	-8.01	0.0	0.0
		0.0	0.0	-9.30e-04	0.0	45.0	-20.25	7.94	0.04	-8.01	1.69	393.14
2313	1	609.27	0.06	-0.02	-2.08	0.0	-41.25	14.58	1.25e-03	-24.77	0.0	0.0
		0.0	0.0	2.15e-03	0.0	45.0	-41.25	12.50	1.25e-03	-24.77	0.06	609.27
2313	2	494.96	0.04	-0.01	-1.60	0.0	-34.27	11.80	8.22e-04	-20.03	0.0	0.0
		0.0	0.0	1.74e-03	0.0	45.0	-34.27	10.20	8.22e-04	-20.03	0.04	494.96
2313	3	456.87	0.05	-0.01	-1.60	0.0	-30.21	10.95	1.07e-03	-18.63	0.0	0.0
		0.0	0.0	1.61e-03	0.0	45.0	-30.21	9.35	1.07e-03	-18.63	0.05	456.87
2313	4	380.81	0.09	-9.54e-03	-1.60	0.0	-22.45	9.26	2.07e-03	-15.81	0.0	0.0
		0.0	0.0	1.34e-03	0.0	45.0	-22.45	7.66	2.07e-03	-15.81	0.09	380.81
2313	5	380.81	0.09	-9.54e-03	-1.60	0.0	-22.45	9.26	2.07e-03	-15.81	0.0	0.0
		0.0	0.0	1.34e-03	0.0	45.0	-22.45	7.66	2.07e-03	-15.81	0.09	380.81
2314	1	662.71	19.64	-0.02	-2.08	0.0	-184.45	15.77	0.44	-45.57	0.0	0.0
		0.0	0.0	-1.89e-03	0.0	45.0	-184.45	13.69	0.44	-45.57	19.64	662.71
2314	2	537.94	15.89	-0.01	-1.60	0.0	-149.42	12.75	0.35	-36.87	0.0	0.0
		0.0	0.0	-1.53e-03	0.0	45.0	-149.42	11.15	0.35	-36.87	15.89	537.94
2314	3	497.36	14.77	-0.01	-1.60	0.0	-138.55	11.85	0.33	-34.27	0.0	0.0
		0.0	0.0	-1.42e-03	0.0	45.0	-138.55	10.25	0.33	-34.27	14.77	497.36
2314	4	416.03	12.52	-0.01	-1.60	0.0	-116.82	10.05	0.28	-29.10	0.0	0.0
		0.0	0.0	-1.22e-03	0.0	45.0	-116.82	8.44	0.28	-29.10	12.52	416.03
2314	5	416.03	12.52	-0.01	-1.60	0.0	-116.82	10.05	0.28	-29.10	0.0	0.0
		0.0	0.0	-1.22e-03	0.0	45.0	-116.82	8.44	0.28	-29.10	12.52	416.03
2315	1	667.94	21.93	-0.02	-2.08	0.0	-218.26	15.88	0.49	-34.85	0.0	0.0
		0.0	0.0	-5.19e-03	0.0	45.0	-218.26	13.80	0.49	-34.85	21.93	667.94
2315	2	542.10	17.74	-0.02	-1.60	0.0	-176.75	12.85	0.39	-28.18	0.0	0.0
		0.0	0.0	-4.20e-03	0.0	45.0	-176.75	11.25	0.39	-28.18	17.74	542.10
2315	3	501.11	16.51	-0.02	-1.60	0.0	-163.70	11.94	0.37	-26.17	0.0	0.0
		0.0	0.0	-3.91e-03	0.0	45.0	-163.70	10.34	0.37	-26.17	16.51	501.11
2315	4	419.39	14.02	-0.01	-1.60	0.0	-138.51	10.12	0.31	-22.18	0.0	0.0
		0.0	0.0	-3.33e-03	0.0	45.0	-138.51	8.52	0.31	-22.18	14.02	419.39
2315	5	419.39	14.02	-0.01	-1.60	0.0	-138.51	10.12	0.31	-22.18	0.0	0.0
		0.0	0.0	-3.33e-03	0.0	45.0	-138.51	8.52	0.31	-22.18	14.02	419.39
2316	1	639.08	1.70	-0.02	-2.08	0.0	-121.78	15.24	0.04	-14.54	0.0	0.0
		0.0	0.0	-1.16e-03	0.0	45.0	-121.78	13.16	0.04	-14.54	1.70	639.08
2316	2	518.97	1.37	-0.02	-1.60	0.0	-99.44	12.33	0.03	-11.75	0.0	0.0
		0.0	0.0	-9.33e-04	0.0	45.0	-99.44	10.73	0.03	-11.75	1.37	518.97
2316	3	479.10	1.25	-0.01	-1.60	0.0	-90.78	11.45	0.03	-10.92	0.0	0.0
		0.0	0.0	-8.75e-04	0.0	45.0	-90.78	9.85	0.03	-10.92	1.25	479.10
2316	4	400.29	1.06	-0.01	-1.60	0.0	-74.58	9.70	0.02	-9.34	0.0	0.0
		0.0	0.0	-7.50e-04	0.0	45.0	-74.58	8.10	0.02	-9.34	1.06	400.29
2316	5	400.29	1.06	-0.01	-1.60	0.0	-74.58	9.70	0.02	-9.34	0.0	0.0
		0.0	0.0	-7.50e-04	0.0	45.0	-74.58	8.10	0.02	-9.34	1.06	400.29
2317	1	608.96	0.0	-0.02	-2.08	0.0	-30.18	14.57	-0.01	-25.89	0.0	0.0
		0.0	-0.62	4.14e-03	0.0	45.0	-30.18	12.49	-0.01	-25.89	-0.62	608.96
2317	2	494.86	0.0	-0.01	-1.60	0.0	-25.45	11.80	-0.01	-20.92	0.0	0.0
		0.0	-0.50	3.35e-03	0.0	45.0	-25.45	10.20	-0.01	-20.92	-0.50	494.86
2317	3	456.70	0.0	-0.01	-1.60	0.0	-22.53	10.95	-0.01	-19.47	0.0	0.0
		0.0	-0.49	3.12e-03	0.0	45.0	-22.53	9.35	-0.01	-19.47	-0.49	456.70
2317	4	380.37	0.0	-9.69e-03	-1.60	0.0	-15.99	9.25	-9.10e-03	-16.60	0.0	0.0
		0.0	-0.41	2.64e-03	0.0	45.0	-15.99	7.65	-9.10e-03	-16.60	-0.41	380.37
2317	5	380.37	0.0	-9.69e-03	-1.60	0.0	-15.99	9.25	-9.10e-03	-16.60	0.0	0.0
		0.0	-0.41	2.64e-03	0.0	45.0	-15.99	7.65	-9.10e-03	-16.60	-0.41	380.37
2318	1	663.73	24.10	-0.02	-2.08	0.0	-139.98	15.79	0.54	-51.79	0.0	0.0
		0.0	0.0	-1.22e-03	0.0	45.0	-139.98	13.71	0.54	-51.79	24.10	663.73
2318	2	538.97	19.48	-0.01	-1.60	0.0	-113.05	12.78	0.43	-41.87	0.0	0.0
		0.0	0.0	-9.87e-04	0.0	45.0	-113.05	11.18	0.43	-41.87	19.48	538.97
2318	3	497.88	18.13	-0.01	-1.60	0.0	-105.15	11.86	0.40	-38.95	0.0	0.0
		0.0	0.0	-9.21e-04	0.0	45.0	-105.15	10.26	0.40	-38.95	18.13	497.88
2318	4	415.77	15.41	-0.01	-1.60	0.0	-89.64	10.04	0.34	-33.10	0.0	0.0
		0.0	0.0	-7.91e-04	0.0	45.0	-89.64	8.44	0.34	-33.10	15.41	415.77
2318	5	415.77	15.41	-0.01	-1.60	0.0	-89.64	10.04	0.34	-33.10	0.0	0.0
		0.0	0.0	-7.91e-04	0.0	45.0	-89.64	8.44	0.34	-33.10	15.41	415.77

2319	1	674.97	27.01	-0.02	-2.08	0.0	-151.21	16.04	0.60	-47.95	0.0	0.0
		0.0	0.0	-2.23e-03	0.0	45.0	-151.21	13.96	0.60	-47.95	27.01	674.97
2319	2	548.00	21.84	-0.02	-1.60	0.0	-121.51	12.98	0.49	-38.78	0.0	0.0
		0.0	0.0	-1.80e-03	0.0	45.0	-121.51	11.38	0.49	-38.78	21.84	548.00
2319	3	506.43	20.32	-0.01	-1.60	0.0	-113.85	12.05	0.45	-36.06	0.0	0.0
		0.0	0.0	-1.68e-03	0.0	45.0	-113.85	10.45	0.45	-36.06	20.32	506.43
2319	4	423.26	17.27	-0.01	-1.60	0.0	-99.07	10.21	0.38	-30.62	0.0	0.0
		0.0	0.0	-1.44e-03	0.0	45.0	-99.07	8.61	0.38	-30.62	17.27	423.26
2319	5	423.26	17.27	-0.01	-1.60	0.0	-99.07	10.21	0.38	-30.62	0.0	0.0
		0.0	0.0	-1.44e-03	0.0	45.0	-99.07	8.61	0.38	-30.62	17.27	423.26
2320	1	688.37	27.62	-0.02	-2.08	0.0	-117.27	16.34	0.61	-34.87	0.0	0.0
		0.0	0.0	-6.39e-03	0.0	45.0	-117.27	14.26	0.61	-34.87	27.62	688.37
2320	2	558.70	22.33	-0.02	-1.60	0.0	-93.83	13.22	0.50	-28.20	0.0	0.0
		0.0	0.0	-5.16e-03	0.0	45.0	-93.83	11.62	0.50	-28.20	22.33	558.70
2320	3	516.51	20.78	-0.02	-1.60	0.0	-88.24	12.28	0.46	-26.19	0.0	0.0
		0.0	0.0	-4.81e-03	0.0	45.0	-88.24	10.68	0.46	-26.19	20.78	516.51
2320	4	432.26	17.68	-0.01	-1.60	0.0	-78.02	10.41	0.39	-22.25	0.0	0.0
		0.0	0.0	-4.11e-03	0.0	45.0	-78.02	8.81	0.39	-22.25	17.68	432.26
2320	5	432.26	17.68	-0.01	-1.60	0.0	-78.02	10.41	0.39	-22.25	0.0	0.0
		0.0	0.0	-4.11e-03	0.0	45.0	-78.02	8.81	0.39	-22.25	17.68	432.26
2321	1	649.96	3.96	-0.02	-2.08	0.0	31.29	15.48	0.09	-10.07	0.0	0.0
		0.0	0.0	-1.21e-03	0.0	45.0	31.29	13.40	0.09	-10.07	3.96	649.96
2321	2	527.86	3.19	-0.01	-1.60	0.0	25.54	12.53	0.07	-8.13	0.0	0.0
		0.0	0.0	-9.73e-04	0.0	45.0	25.54	10.93	0.07	-8.13	3.19	527.86
2321	3	487.21	2.96	-0.01	-1.60	0.0	23.96	11.63	0.07	-7.60	0.0	0.0
		0.0	0.0	-9.12e-04	0.0	45.0	23.96	10.03	0.07	-7.60	2.96	487.21
2321	4	406.88	2.53	-0.01	-1.60	0.0	19.41	9.84	0.06	-6.50	0.0	0.0
		0.0	0.0	-7.94e-04	0.0	45.0	19.41	8.24	0.06	-6.50	2.53	406.88
2321	5	406.88	2.53	-0.01	-1.60	0.0	19.41	9.84	0.06	-6.50	0.0	0.0
		0.0	0.0	-7.94e-04	0.0	45.0	19.41	8.24	0.06	-6.50	2.53	406.88
2322	1	537.83	1.49	-9.45e-03	-2.08	0.0	161.36	12.99	0.03	-15.49	0.0	0.0
		0.0	0.0	-1.01e-04	0.0	45.0	161.36	10.91	0.03	-15.49	1.49	537.83
2322	2	436.87	1.20	-7.64e-03	-1.60	0.0	130.74	10.51	0.03	-12.52	0.0	0.0
		0.0	0.0	-7.44e-05	0.0	45.0	130.74	8.91	0.03	-12.52	1.20	436.87
2322	3	403.41	1.14	-7.11e-03	-1.60	0.0	120.93	9.76	0.03	-11.63	0.0	0.0
		0.0	0.0	-7.55e-05	0.0	45.0	120.93	8.16	0.03	-11.63	1.14	403.41
2322	4	336.49	0.99	-6.06e-03	-1.60	0.0	101.88	8.28	0.02	-9.89	0.0	0.0
		0.0	0.0	-8.68e-05	0.0	45.0	101.88	6.68	0.02	-9.89	0.99	336.49
2322	5	336.49	0.99	-6.06e-03	-1.60	0.0	101.88	8.28	0.02	-9.89	0.0	0.0
		0.0	0.0	-8.68e-05	0.0	45.0	101.88	6.68	0.02	-9.89	0.99	336.49
2366	1	46.81	0.0	-1.39e-03	-4.16	0.0	1.05	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	1.05	-2.08	0.0	0.0	0.0	0.0
2366	2	36.01	0.0	-1.07e-03	-3.20	0.0	0.84	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.57e-03	0.0	90.0	0.84	-1.60	0.0	0.0	0.0	0.0
2366	3	36.01	0.0	-1.06e-03	-3.20	0.0	0.79	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.97e-03	0.0	90.0	0.79	-1.60	0.0	0.0	0.0	0.0
2366	4	36.01	0.0	-1.05e-03	-3.20	0.0	0.70	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.78e-03	0.0	90.0	0.70	-1.60	0.0	0.0	0.0	0.0
2366	5	36.01	0.0	-1.05e-03	-3.20	0.0	0.70	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.78e-03	0.0	90.0	0.70	-1.60	0.0	0.0	0.0	0.0
2367	1	46.81	0.0	-1.91e-03	-4.16	0.0	1.40	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.18e-03	0.0	90.0	1.40	-2.08	0.0	0.0	0.0	0.0
2367	2	36.01	0.0	-1.48e-03	-3.20	0.0	1.12	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.48e-04	0.0	90.0	1.12	-1.60	0.0	0.0	0.0	0.0
2367	3	36.01	0.0	-1.46e-03	-3.20	0.0	1.06	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.89e-04	0.0	90.0	1.06	-1.60	0.0	0.0	0.0	0.0
2367	4	36.01	0.0	-1.42e-03	-3.20	0.0	0.94	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.72e-04	0.0	90.0	0.94	-1.60	0.0	0.0	0.0	0.0
2367	5	36.01	0.0	-1.42e-03	-3.20	0.0	0.94	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.72e-04	0.0	90.0	0.94	-1.60	0.0	0.0	0.0	0.0
2370	1	46.81	0.0	-2.86e-03	-4.16	0.0	-63.61	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	90.0	-63.61	-2.08	0.0	0.0	0.0	0.0
2370	2	36.01	0.0	-2.25e-03	-3.20	0.0	-51.20	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-51.20	-1.60	0.0	0.0	0.0	0.0
2370	3	36.01	0.0	-2.18e-03	-3.20	0.0	-47.92	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-47.92	-1.60	0.0	0.0	0.0	0.0
2370	4	36.01	0.0	-2.04e-03	-3.20	0.0	-41.37	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-41.37	-1.60	0.0	0.0	0.0	0.0
2370	5	36.01	0.0	-2.04e-03	-3.20	0.0	-41.37	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-41.37	-1.60	0.0	0.0	0.0	0.0
2371	1	46.81	0.0	-1.25e-03	-4.16	0.0	-61.87	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-0.03	0.0	90.0	-61.87	-2.08	0.0	0.0	0.0	0.0
2371	2	36.01	0.0	-9.51e-04	-3.20	0.0	-49.80	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-49.80	-1.60	0.0	0.0	0.0	0.0
2371	3	36.01	0.0	-9.64e-04	-3.20	0.0	-46.61	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-46.61	-1.60	0.0	0.0	0.0	0.0
2371	4	36.01	0.0	-9.90e-04	-3.20	0.0	-40.25	1.60	0.0	0.0	0.0	0.0

		0.0	0.0	-0.02	0.0	90.0	-40.25	-1.60	0.0	0.0	0.0	0.0
2371	5	36.01	0.0	-9.90e-04	-3.20	0.0	-40.25	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-40.25	-1.60	0.0	0.0	0.0	0.0
2378	1	69.92	0.0	0.07	-5.09	0.0	-371.39	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-2.55e-03	0.0	110.0	-371.39	-2.54	0.0	0.0	0.0	0.0
2378	2	53.79	0.0	0.05	-3.91	0.0	-299.90	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.06e-03	0.0	110.0	-299.90	-1.96	0.0	0.0	0.0	0.0
2378	3	53.79	0.0	0.05	-3.91	0.0	-279.64	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.93e-03	0.0	110.0	-279.64	-1.96	0.0	0.0	0.0	0.0
2378	4	53.79	0.0	0.04	-3.91	0.0	-238.98	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.66e-03	0.0	110.0	-238.98	-1.96	0.0	0.0	0.0	0.0
2378	5	53.79	0.0	0.04	-3.91	0.0	-238.98	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.66e-03	0.0	110.0	-238.98	-1.96	0.0	0.0	0.0	0.0
2379	1	46.81	0.0	0.04	-4.16	0.0	-550.24	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-7.53e-04	0.0	90.0	-550.24	-2.08	0.0	0.0	0.0	0.0
2379	2	36.01	0.0	0.03	-3.20	0.0	-442.82	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.35e-04	0.0	90.0	-442.82	-1.60	0.0	0.0	0.0	0.0
2379	3	36.01	0.0	0.03	-3.20	0.0	-414.58	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.57e-04	0.0	90.0	-414.58	-1.60	0.0	0.0	0.0	0.0
2379	4	36.01	0.0	0.03	-3.20	0.0	-358.04	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.18e-04	0.0	90.0	-358.04	-1.60	0.0	0.0	0.0	0.0
2379	5	36.01	0.0	0.03	-3.20	0.0	-358.04	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.18e-04	0.0	90.0	-358.04	-1.60	0.0	0.0	0.0	0.0
2382	1	69.92	0.0	0.06	-5.09	0.0	-395.41	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-1.32e-03	0.0	110.0	-395.41	-2.54	0.0	0.0	0.0	0.0
2382	2	53.79	0.0	0.05	-3.91	0.0	-318.59	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.07e-03	0.0	110.0	-318.59	-1.96	0.0	0.0	0.0	0.0
2382	3	53.79	0.0	0.04	-3.91	0.0	-297.68	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-9.99e-04	0.0	110.0	-297.68	-1.96	0.0	0.0	0.0	0.0
2382	4	53.79	0.0	0.04	-3.91	0.0	-255.76	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-8.70e-04	0.0	110.0	-255.76	-1.96	0.0	0.0	0.0	0.0
2382	5	53.79	0.0	0.04	-3.91	0.0	-255.76	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-8.70e-04	0.0	110.0	-255.76	-1.96	0.0	0.0	0.0	0.0
2383	1	46.81	0.0	-7.83e-03	-4.16	0.0	1.14	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-9.58e-03	0.0	90.0	1.14	-2.08	0.0	0.0	0.0	0.0
2383	2	36.01	0.0	-6.29e-03	-3.20	0.0	0.92	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.70e-03	0.0	90.0	0.92	-1.60	0.0	0.0	0.0	0.0
2383	3	36.01	0.0	-5.90e-03	-3.20	0.0	0.86	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.22e-03	0.0	90.0	0.86	-1.60	0.0	0.0	0.0	0.0
2383	4	36.01	0.0	-5.12e-03	-3.20	0.0	0.74	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.24e-03	0.0	90.0	0.74	-1.60	0.0	0.0	0.0	0.0
2383	5	36.01	0.0	-5.12e-03	-3.20	0.0	0.74	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.24e-03	0.0	90.0	0.74	-1.60	0.0	0.0	0.0	0.0
2386	1	69.92	0.0	-2.71e-03	-5.09	0.0	6.09e-03	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.09	0.0	110.0	6.09e-03	-2.54	0.0	0.0	0.0	0.0
2386	2	53.79	0.0	-2.05e-03	-3.91	0.0	4.92e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.07	0.0	110.0	4.92e-03	-1.96	0.0	0.0	0.0	0.0
2386	3	53.79	0.0	-2.09e-03	-3.91	0.0	4.59e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.07	0.0	110.0	4.59e-03	-1.96	0.0	0.0	0.0	0.0
2386	4	53.79	0.0	-2.18e-03	-3.91	0.0	3.92e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.06	0.0	110.0	3.92e-03	-1.96	0.0	0.0	0.0	0.0
2386	5	53.79	0.0	-2.18e-03	-3.91	0.0	3.92e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.06	0.0	110.0	3.92e-03	-1.96	0.0	0.0	0.0	0.0
2390	1	46.81	0.0	-1.75e-03	-4.16	0.0	-0.30	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	7.81e-03	0.0	90.0	-0.30	-2.08	0.0	0.0	0.0	0.0
2390	2	36.01	0.0	-1.36e-03	-3.20	0.0	-0.24	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	6.28e-03	0.0	90.0	-0.24	-1.60	0.0	0.0	0.0	0.0
2390	3	36.01	0.0	-1.34e-03	-3.20	0.0	-0.23	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	5.88e-03	0.0	90.0	-0.23	-1.60	0.0	0.0	0.0	0.0
2390	4	36.01	0.0	-1.29e-03	-3.20	0.0	-0.20	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	5.10e-03	0.0	90.0	-0.20	-1.60	0.0	0.0	0.0	0.0
2390	5	36.01	0.0	-1.29e-03	-3.20	0.0	-0.20	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	5.10e-03	0.0	90.0	-0.20	-1.60	0.0	0.0	0.0	0.0
2391	1	46.81	0.0	-1.94e-03	-4.16	0.0	-0.44	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.21e-03	0.0	90.0	-0.44	-2.08	0.0	0.0	0.0	0.0
2391	2	36.01	0.0	-1.51e-03	-3.20	0.0	-0.35	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.72e-04	0.0	90.0	-0.35	-1.60	0.0	0.0	0.0	0.0
2391	3	36.01	0.0	-1.49e-03	-3.20	0.0	-0.33	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.14e-04	0.0	90.0	-0.33	-1.60	0.0	0.0	0.0	0.0
2391	4	36.01	0.0	-1.45e-03	-3.20	0.0	-0.29	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.00e-04	0.0	90.0	-0.29	-1.60	0.0	0.0	0.0	0.0
2391	5	36.01	0.0	-1.45e-03	-3.20	0.0	-0.29	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.00e-04	0.0	90.0	-0.29	-1.60	0.0	0.0	0.0	0.0
2398	1	46.81	0.0	0.01	-4.16	0.0	8.74	2.08	0.0	7.93	0.0	0.0
		0.0	0.0	-2.79e-03	0.0	90.0	8.74	-2.08	0.0	7.93	0.0	0.0
2398	2	36.01	0.0	8.82e-03	-3.20	0.0	6.98	1.60	0.0	6.37	0.0	0.0
		0.0	0.0	-2.25e-03	0.0	90.0	6.98	-1.60	0.0	6.37	0.0	0.0

2398	3	36.01	0.0	8.15e-03	-3.20	0.0	6.58	1.60	0.0	5.98	0.0	0.0
		0.0	0.0	-2.11e-03	0.0	90.0	6.58	-1.60	0.0	5.98	0.0	0.0
2398	4	36.01	0.0	6.87e-03	-3.20	0.0	5.85	1.60	0.0	5.15	0.0	0.0
		0.0	0.0	-1.83e-03	0.0	90.0	5.85	-1.60	0.0	5.15	0.0	0.0
2398	5	36.01	0.0	6.87e-03	-3.20	0.0	5.85	1.60	0.0	5.15	0.0	0.0
		0.0	0.0	-1.83e-03	0.0	90.0	5.85	-1.60	0.0	5.15	0.0	0.0
2399	1	46.81	0.0	0.01	-4.16	0.0	9.03	2.08	0.0	13.81	0.0	0.0
		0.0	0.0	-1.19e-03	0.0	90.0	9.03	-2.08	0.0	13.81	0.0	0.0
2399	2	36.01	0.0	0.01	-3.20	0.0	7.21	1.60	0.0	11.13	0.0	0.0
		0.0	0.0	-9.70e-04	0.0	90.0	7.21	-1.60	0.0	11.13	0.0	0.0
2399	3	36.01	0.0	9.99e-03	-3.20	0.0	6.79	1.60	0.0	10.40	0.0	0.0
		0.0	0.0	-8.96e-04	0.0	90.0	6.79	-1.60	0.0	10.40	0.0	0.0
2399	4	36.01	0.0	8.58e-03	-3.20	0.0	6.04	1.60	0.0	8.94	0.0	0.0
		0.0	0.0	-7.44e-04	0.0	90.0	6.04	-1.60	0.0	8.94	0.0	0.0
2399	5	36.01	0.0	8.58e-03	-3.20	0.0	6.04	1.60	0.0	8.94	0.0	0.0
		0.0	0.0	-7.44e-04	0.0	90.0	6.04	-1.60	0.0	8.94	0.0	0.0
2402	1	6.07	15.23	8.60e-03	-4.16	0.0	-183.09	2.08	-0.11	6.18	15.23	-40.73
		-40.74	5.50	-4.95e-03	0.0	90.0	-183.09	-2.08	-0.11	6.18	5.50	-40.74
2402	2	3.78	12.24	6.89e-03	-3.20	0.0	-146.62	1.61	-0.09	4.98	12.24	-32.62
		-32.62	4.41	-3.98e-03	0.0	90.0	-146.62	-1.59	-0.09	4.98	4.41	-31.83
2402	3	5.06	11.46	6.49e-03	-3.20	0.0	-138.30	1.60	-0.08	4.66	11.46	-30.78
		-31.10	4.17	-3.73e-03	0.0	90.0	-138.30	-1.60	-0.08	4.66	4.17	-31.10
2402	4	7.53	9.99	5.67e-03	-3.20	0.0	-121.59	1.57	-0.07	4.01	9.99	-27.30
		-29.66	3.63	-3.21e-03	0.0	90.0	-121.59	-1.63	-0.07	4.01	3.63	-29.66
2402	5	7.53	9.99	5.67e-03	-3.20	0.0	-121.59	1.57	-0.07	4.01	9.99	-27.30
		-29.66	3.63	-3.21e-03	0.0	90.0	-121.59	-1.63	-0.07	4.01	3.63	-29.66
2403	1	25.91	5.50	7.26e-03	-3.93	0.0	-159.50	2.38	-0.06	6.18	5.50	-35.28
		-35.28	0.0	-2.75e-03	0.0	85.0	-159.50	-1.55	-0.06	6.18	0.0	0.0
2403	2	19.78	4.41	5.69e-03	-3.02	0.0	-127.77	1.84	-0.05	4.98	4.41	-27.54
		-27.54	0.0	-2.22e-03	0.0	85.0	-127.77	-1.19	-0.05	4.98	0.0	0.0
2403	3	20.01	4.17	5.54e-03	-3.02	0.0	-120.49	1.83	-0.05	4.66	4.17	-26.93
		-26.93	0.0	-2.07e-03	0.0	85.0	-120.49	-1.19	-0.05	4.66	0.0	0.0
2403	4	20.43	3.63	5.21e-03	-3.02	0.0	-105.87	1.81	-0.04	4.01	3.63	-25.81
		-25.81	0.0	-1.77e-03	0.0	85.0	-105.87	-1.21	-0.04	4.01	0.0	0.0
2403	5	20.43	3.63	5.21e-03	-3.02	0.0	-105.87	1.81	-0.04	4.01	3.63	-25.81
		-25.81	0.0	-1.77e-03	0.0	85.0	-105.87	-1.21	-0.04	4.01	0.0	0.0
2406	1	24.76	9.11	-1.16e-03	-3.93	0.0	-167.68	2.42	-0.11	-0.42	9.11	-38.34
		-38.34	0.0	-5.07e-04	0.0	85.0	-167.68	-1.51	-0.11	-0.42	0.0	0.0
2406	2	18.78	7.28	-1.02e-03	-3.02	0.0	-134.18	1.87	-0.09	-0.34	7.28	-30.21
		-30.21	0.0	-4.24e-04	0.0	85.0	-134.18	-1.16	-0.09	-0.34	0.0	0.0
2406	3	19.17	6.89	-8.38e-04	-3.02	0.0	-126.67	1.85	-0.08	-0.31	6.89	-29.18
		-29.18	0.0	-3.76e-04	0.0	85.0	-126.67	-1.17	-0.08	-0.31	0.0	0.0
2406	4	19.96	6.08	-5.39e-04	-3.02	0.0	-111.67	1.83	-0.07	-0.26	6.08	-27.07
		-27.07	0.0	-2.79e-04	0.0	85.0	-111.67	-1.19	-0.07	-0.26	0.0	0.0
2406	5	19.96	6.08	-5.39e-04	-3.02	0.0	-111.67	1.83	-0.07	-0.26	6.08	-27.07
		-27.07	0.0	-2.79e-04	0.0	85.0	-111.67	-1.19	-0.07	-0.26	0.0	0.0
2407	1	25.04	4.57	8.04e-04	-3.93	0.0	-164.71	1.52	0.05	-0.16	0.0	0.0
		-37.61	0.0	-4.02e-03	0.0	85.0	-164.71	-2.41	0.05	-0.16	4.57	-37.61
2407	2	18.97	3.63	8.12e-04	-3.02	0.0	-131.74	1.16	0.04	-0.13	0.0	0.0
		-29.69	0.0	-3.22e-03	0.0	85.0	-131.74	-1.86	0.04	-0.13	3.63	-29.69
2407	3	19.39	3.46	5.32e-04	-3.02	0.0	-124.46	1.18	0.04	-0.12	0.0	0.0
		-28.59	0.0	-3.03e-03	0.0	85.0	-124.46	-1.85	0.04	-0.12	3.46	-28.59
2407	4	20.17	3.15	-5.07e-04	-3.02	0.0	-109.89	1.20	0.04	-0.10	0.0	0.0
		-26.49	0.0	-2.64e-03	0.0	85.0	-109.89	-1.82	0.04	-0.10	3.15	-26.49
2407	5	20.17	3.15	-5.07e-04	-3.02	0.0	-109.89	1.20	0.04	-0.10	0.0	0.0
		-26.49	0.0	-2.64e-03	0.0	85.0	-109.89	-1.82	0.04	-0.10	3.15	-26.49
2415	1	46.81	0.0	-0.02	-4.16	0.0	-0.06	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.52e-03	0.0	90.0	-0.06	-2.08	0.0	0.0	0.0	0.0
2415	2	36.01	0.0	-0.01	-3.20	0.0	-0.05	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.24e-03	0.0	90.0	-0.05	-1.60	0.0	0.0	0.0	0.0
2415	3	36.01	0.0	-0.01	-3.20	0.0	-0.05	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.14e-03	0.0	90.0	-0.05	-1.60	0.0	0.0	0.0	0.0
2415	4	36.01	0.0	-0.01	-3.20	0.0	-0.04	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.43e-04	0.0	90.0	-0.04	-1.60	0.0	0.0	0.0	0.0
2415	5	36.01	0.0	-0.01	-3.20	0.0	-0.04	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.43e-04	0.0	90.0	-0.04	-1.60	0.0	0.0	0.0	0.0
2422	1	69.92	0.0	0.01	-5.09	0.0	0.09	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.16	0.0	110.0	0.09	-2.54	0.0	0.0	0.0	0.0
2422	2	53.79	0.0	0.01	-3.91	0.0	0.07	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.13	0.0	110.0	0.07	-1.96	0.0	0.0	0.0	0.0
2422	3	53.79	0.0	0.01	-3.91	0.0	0.07	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.12	0.0	110.0	0.07	-1.96	0.0	0.0	0.0	0.0
2422	4	53.79	0.0	9.63e-03	-3.91	0.0	0.06	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.11	0.0	110.0	0.06	-1.96	0.0	0.0	0.0	0.0
2422	5	53.79	0.0	9.63e-03	-3.91	0.0	0.06	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.11	0.0	110.0	0.06	-1.96	0.0	0.0	0.0	0.0
2425	1	69.92	0.0	-0.06	-5.09	0.0	-27.06	2.54	0.0	0.0	0.0	0.0



		0.0	0.0	-6.08e-03	0.0	110.0	-27.06	-2.54	0.0	0.0	0.0	0.0
2425	2	53.79	0.0	-0.05	-3.91	0.0	-21.97	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-4.91e-03	0.0	110.0	-21.97	-1.96	0.0	0.0	0.0	0.0
2425	3	53.79	0.0	-0.04	-3.91	0.0	-20.30	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-4.58e-03	0.0	110.0	-20.30	-1.96	0.0	0.0	0.0	0.0
2425	4	53.79	0.0	-0.04	-3.91	0.0	-16.97	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.89e-03	0.0	110.0	-16.97	-1.96	0.0	0.0	0.0	0.0
2425	5	53.79	0.0	-0.04	-3.91	0.0	-16.97	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.89e-03	0.0	110.0	-16.97	-1.96	0.0	0.0	0.0	0.0
2429	1	69.92	0.0	0.06	-5.09	0.0	-25.29	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-9.80e-04	0.0	110.0	-25.29	-2.54	0.0	0.0	0.0	0.0
2429	2	53.79	0.0	0.05	-3.91	0.0	-20.55	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-7.73e-04	0.0	110.0	-20.55	-1.96	0.0	0.0	0.0	0.0
2429	3	53.79	0.0	0.04	-3.91	0.0	-18.98	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-7.51e-04	0.0	110.0	-18.98	-1.96	0.0	0.0	0.0	0.0
2429	4	53.79	0.0	0.04	-3.91	0.0	-15.84	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-6.88e-04	0.0	110.0	-15.84	-1.96	0.0	0.0	0.0	0.0
2429	5	53.79	0.0	0.04	-3.91	0.0	-15.84	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-6.88e-04	0.0	110.0	-15.84	-1.96	0.0	0.0	0.0	0.0
2430	1	69.92	0.0	-0.07	-5.09	0.0	-6.84	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-5.54e-03	0.0	110.0	-6.84	-2.54	0.0	0.0	0.0	0.0
2430	2	53.79	0.0	-0.05	-3.91	0.0	-5.61	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-4.48e-03	0.0	110.0	-5.61	-1.96	0.0	0.0	0.0	0.0
2430	3	53.79	0.0	-0.05	-3.91	0.0	-5.17	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-4.18e-03	0.0	110.0	-5.17	-1.96	0.0	0.0	0.0	0.0
2430	4	53.79	0.0	-0.04	-3.91	0.0	-4.27	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.55e-03	0.0	110.0	-4.27	-1.96	0.0	0.0	0.0	0.0
2430	5	53.79	0.0	-0.04	-3.91	0.0	-4.27	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.55e-03	0.0	110.0	-4.27	-1.96	0.0	0.0	0.0	0.0
2434	1	69.92	0.0	0.07	-5.09	0.0	-11.23	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-1.52e-03	0.0	110.0	-11.23	-2.54	0.0	0.0	0.0	0.0
2434	2	53.79	0.0	0.05	-3.91	0.0	-9.13	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.21e-03	0.0	110.0	-9.13	-1.96	0.0	0.0	0.0	0.0
2434	3	53.79	0.0	0.05	-3.91	0.0	-8.46	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.16e-03	0.0	110.0	-8.46	-1.96	0.0	0.0	0.0	0.0
2434	4	53.79	0.0	0.04	-3.91	0.0	-6.92	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.03e-03	0.0	110.0	-6.92	-1.96	0.0	0.0	0.0	0.0
2434	5	53.79	0.0	0.04	-3.91	0.0	-6.92	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.03e-03	0.0	110.0	-6.92	-1.96	0.0	0.0	0.0	0.0
2435	1	69.92	0.0	-0.07	-5.09	0.0	2.19	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-4.78e-03	0.0	110.0	2.19	-2.54	0.0	0.0	0.0	0.0
2435	2	53.79	0.0	-0.06	-3.91	0.0	1.77	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.86e-03	0.0	110.0	1.77	-1.96	0.0	0.0	0.0	0.0
2435	3	53.79	0.0	-0.05	-3.91	0.0	1.65	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.60e-03	0.0	110.0	1.65	-1.96	0.0	0.0	0.0	0.0
2435	4	53.79	0.0	-0.05	-3.91	0.0	1.41	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.06e-03	0.0	110.0	1.41	-1.96	0.0	0.0	0.0	0.0
2435	5	53.79	0.0	-0.05	-3.91	0.0	1.41	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.06e-03	0.0	110.0	1.41	-1.96	0.0	0.0	0.0	0.0
2436	1	46.81	0.0	-1.63e-03	-4.16	0.0	-7.03	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-9.51e-04	0.0	90.0	-7.03	-2.08	0.0	0.0	0.0	0.0
2436	2	36.01	0.0	-1.26e-03	-3.20	0.0	-5.66	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.69e-04	0.0	90.0	-5.66	-1.60	0.0	0.0	0.0	0.0
2436	3	36.01	0.0	-1.26e-03	-3.20	0.0	-5.29	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.15e-04	0.0	90.0	-5.29	-1.60	0.0	0.0	0.0	0.0
2436	4	36.01	0.0	-1.25e-03	-3.20	0.0	-4.57	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.11e-04	0.0	90.0	-4.57	-1.60	0.0	0.0	0.0	0.0
2436	5	36.01	0.0	-1.25e-03	-3.20	0.0	-4.57	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.11e-04	0.0	90.0	-4.57	-1.60	0.0	0.0	0.0	0.0
2437	1	46.81	0.0	-1.71e-03	-4.16	0.0	-6.00	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.12e-03	0.0	90.0	-6.00	-2.08	0.0	0.0	0.0	0.0
2437	2	36.01	0.0	-1.32e-03	-3.20	0.0	-4.83	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.71e-03	0.0	90.0	-4.83	-1.60	0.0	0.0	0.0	0.0
2437	3	36.01	0.0	-1.31e-03	-3.20	0.0	-4.52	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.60e-03	0.0	90.0	-4.52	-1.60	0.0	0.0	0.0	0.0
2437	4	36.01	0.0	-1.31e-03	-3.20	0.0	-3.90	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.38e-03	0.0	90.0	-3.90	-1.60	0.0	0.0	0.0	0.0
2437	5	36.01	0.0	-1.31e-03	-3.20	0.0	-3.90	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.38e-03	0.0	90.0	-3.90	-1.60	0.0	0.0	0.0	0.0
2438	1	46.81	0.0	-1.81e-03	-4.16	0.0	-4.52	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-4.52	-2.08	0.0	0.0	0.0	0.0
2438	2	36.01	0.0	-1.40e-03	-3.20	0.0	-3.64	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	8.30e-03	0.0	90.0	-3.64	-1.60	0.0	0.0	0.0	0.0
2438	3	36.01	0.0	-1.39e-03	-3.20	0.0	-3.41	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	7.79e-03	0.0	90.0	-3.41	-1.60	0.0	0.0	0.0	0.0
2438	4	36.01	0.0	-1.38e-03	-3.20	0.0	-2.94	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	6.79e-03	0.0	90.0	-2.94	-1.60	0.0	0.0	0.0	0.0

2438	5	36.01	0.0	-1.38e-03	-3.20	0.0	-2.94	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	6.79e-03	0.0	90.0	-2.94	-1.60	0.0	0.0	0.0	0.0
2439	1	69.92	0.0	0.07	-5.09	0.0	1.55	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-2.25e-03	0.0	110.0	1.55	-2.54	0.0	0.0	0.0	0.0
2439	2	53.79	0.0	0.06	-3.91	0.0	1.25	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.80e-03	0.0	110.0	1.25	-1.96	0.0	0.0	0.0	0.0
2439	3	53.79	0.0	0.05	-3.91	0.0	1.17	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.70e-03	0.0	110.0	1.17	-1.96	0.0	0.0	0.0	0.0
2439	4	53.79	0.0	0.05	-3.91	0.0	0.99	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.49e-03	0.0	110.0	0.99	-1.96	0.0	0.0	0.0	0.0
2439	5	53.79	0.0	0.05	-3.91	0.0	0.99	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.49e-03	0.0	110.0	0.99	-1.96	0.0	0.0	0.0	0.0
2440	1	69.92	0.0	-0.07	-5.09	0.0	0.03	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-4.18e-03	0.0	110.0	0.03	-2.54	0.0	0.0	0.0	0.0
2440	2	53.79	0.0	-0.06	-3.91	0.0	0.04	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.38e-03	0.0	110.0	0.04	-1.96	0.0	0.0	0.0	0.0
2440	3	53.79	0.0	-0.06	-3.91	0.0	0.02	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.16e-03	0.0	110.0	0.02	-1.96	0.0	0.0	0.0	0.0
2440	4	53.79	0.0	-0.05	-3.91	0.0	0.03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.69e-03	0.0	110.0	0.03	-1.96	0.0	0.0	0.0	0.0
2440	5	53.79	0.0	-0.05	-3.91	0.0	0.03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.69e-03	0.0	110.0	0.03	-1.96	0.0	0.0	0.0	0.0
2441	1	46.81	0.0	-1.51e-03	-4.16	0.0	-59.65	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-9.51e-04	0.0	90.0	-59.65	-2.08	0.0	0.0	0.0	0.0
2441	2	36.01	0.0	-1.16e-03	-3.20	0.0	-48.01	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.69e-04	0.0	90.0	-48.01	-1.60	0.0	0.0	0.0	0.0
2441	3	36.01	0.0	-1.16e-03	-3.20	0.0	-44.94	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.15e-04	0.0	90.0	-44.94	-1.60	0.0	0.0	0.0	0.0
2441	4	36.01	0.0	-1.17e-03	-3.20	0.0	-38.81	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.11e-04	0.0	90.0	-38.81	-1.60	0.0	0.0	0.0	0.0
2441	5	36.01	0.0	-1.17e-03	-3.20	0.0	-38.81	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.11e-04	0.0	90.0	-38.81	-1.60	0.0	0.0	0.0	0.0
2442	1	46.81	0.0	-1.54e-03	-4.16	0.0	-56.92	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.12e-03	0.0	90.0	-56.92	-2.08	0.0	0.0	0.0	0.0
2442	2	36.01	0.0	-1.18e-03	-3.20	0.0	-45.81	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.71e-03	0.0	90.0	-45.81	-1.60	0.0	0.0	0.0	0.0
2442	3	36.01	0.0	-1.19e-03	-3.20	0.0	-42.88	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.60e-03	0.0	90.0	-42.88	-1.60	0.0	0.0	0.0	0.0
2442	4	36.01	0.0	-1.20e-03	-3.20	0.0	-37.04	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.38e-03	0.0	90.0	-37.04	-1.60	0.0	0.0	0.0	0.0
2442	5	36.01	0.0	-1.20e-03	-3.20	0.0	-37.04	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.38e-03	0.0	90.0	-37.04	-1.60	0.0	0.0	0.0	0.0
2443	1	46.81	0.0	-1.50e-03	-4.16	0.0	-53.62	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-53.62	-2.08	0.0	0.0	0.0	0.0
2443	2	36.01	0.0	-1.14e-03	-3.20	0.0	-43.15	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	8.35e-03	0.0	90.0	-43.15	-1.60	0.0	0.0	0.0	0.0
2443	3	36.01	0.0	-1.16e-03	-3.20	0.0	-40.39	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	7.84e-03	0.0	90.0	-40.39	-1.60	0.0	0.0	0.0	0.0
2443	4	36.01	0.0	-1.18e-03	-3.20	0.0	-34.90	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	6.84e-03	0.0	90.0	-34.90	-1.60	0.0	0.0	0.0	0.0
2443	5	36.01	0.0	-1.18e-03	-3.20	0.0	-34.90	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	6.84e-03	0.0	90.0	-34.90	-1.60	0.0	0.0	0.0	0.0
2444	1	69.92	0.0	0.07	-5.09	0.0	0.86	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-2.76e-03	0.0	110.0	0.86	-2.54	0.0	0.0	0.0	0.0
2444	2	53.79	0.0	0.06	-3.91	0.0	0.71	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.22e-03	0.0	110.0	0.71	-1.96	0.0	0.0	0.0	0.0
2444	3	53.79	0.0	0.06	-3.91	0.0	0.64	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.09e-03	0.0	110.0	0.64	-1.96	0.0	0.0	0.0	0.0
2444	4	53.79	0.0	0.05	-3.91	0.0	0.60	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.82e-03	0.0	110.0	0.60	-1.96	0.0	0.0	0.0	0.0
2444	5	53.79	0.0	0.05	-3.91	0.0	0.60	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.82e-03	0.0	110.0	0.60	-1.96	0.0	0.0	0.0	0.0
2445	1	69.92	0.0	-0.08	-5.09	0.0	-2.96	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-3.95e-03	0.0	110.0	-2.96	-2.54	0.0	0.0	0.0	0.0
2445	2	53.79	0.0	-0.06	-3.91	0.0	-2.36	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.19e-03	0.0	110.0	-2.36	-1.96	0.0	0.0	0.0	0.0
2445	3	53.79	0.0	-0.06	-3.91	0.0	-2.17	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.98e-03	0.0	110.0	-2.17	-1.96	0.0	0.0	0.0	0.0
2445	4	53.79	0.0	-0.05	-3.91	0.0	-1.83	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.56e-03	0.0	110.0	-1.83	-1.96	0.0	0.0	0.0	0.0
2445	5	53.79	0.0	-0.05	-3.91	0.0	-1.83	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.56e-03	0.0	110.0	-1.83	-1.96	0.0	0.0	0.0	0.0
2446	1	46.81	0.0	-2.17e-03	-4.16	0.0	16.03	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	16.03	-2.08	0.0	0.0	0.0	0.0
2446	2	36.01	0.0	-1.69e-03	-3.20	0.0	12.90	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.03e-03	0.0	90.0	12.90	-1.60	0.0	0.0	0.0	0.0
2446	3	36.01	0.0	-1.66e-03	-3.20	0.0	12.07	1.60	0.0	0.0	0.0	0.0

		0.0	0.0	-8.49e-03	0.0	90.0	12.07	-1.60	0.0	0.0	0.0	0.0
2446	4	36.01	0.0	-1.60e-03	-3.20	0.0	10.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.40e-03	0.0	90.0	10.43	-1.60	0.0	0.0	0.0	0.0
2446	5	36.01	0.0	-1.60e-03	-3.20	0.0	10.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.40e-03	0.0	90.0	10.43	-1.60	0.0	0.0	0.0	0.0
2447	1	46.81	0.0	-2.49e-03	-4.16	0.0	-27.55	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-6.95e-03	0.0	90.0	-27.55	-2.08	0.0	0.0	0.0	0.0
2447	2	36.01	0.0	-1.95e-03	-3.20	0.0	-22.19	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.59e-03	0.0	90.0	-22.19	-1.60	0.0	0.0	0.0	0.0
2447	3	36.01	0.0	-1.90e-03	-3.20	0.0	-20.75	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.23e-03	0.0	90.0	-20.75	-1.60	0.0	0.0	0.0	0.0
2447	4	36.01	0.0	-1.79e-03	-3.20	0.0	-17.82	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.52e-03	0.0	90.0	-17.82	-1.60	0.0	0.0	0.0	0.0
2447	5	36.01	0.0	-1.79e-03	-3.20	0.0	-17.82	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.52e-03	0.0	90.0	-17.82	-1.60	0.0	0.0	0.0	0.0
2448	1	46.81	0.0	-1.56e-03	-4.16	0.0	-12.31	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	90.0	-12.31	-2.08	0.0	0.0	0.0	0.0
2448	2	36.01	0.0	-1.20e-03	-3.20	0.0	-9.93	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-9.93	-1.60	0.0	0.0	0.0	0.0
2448	3	36.01	0.0	-1.20e-03	-3.20	0.0	-9.27	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-9.27	-1.60	0.0	0.0	0.0	0.0
2448	4	36.01	0.0	-1.19e-03	-3.20	0.0	-7.91	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-7.91	-1.60	0.0	0.0	0.0	0.0
2448	5	36.01	0.0	-1.19e-03	-3.20	0.0	-7.91	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-7.91	-1.60	0.0	0.0	0.0	0.0
2449	1	69.92	0.0	0.08	-5.09	0.0	-1.83	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-2.92e-03	0.0	110.0	-1.83	-2.54	0.0	0.0	0.0	0.0
2449	2	53.79	0.0	0.06	-3.91	0.0	-1.50	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.35e-03	0.0	110.0	-1.50	-1.96	0.0	0.0	0.0	0.0
2449	3	53.79	0.0	0.06	-3.91	0.0	-1.40	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.21e-03	0.0	110.0	-1.40	-1.96	0.0	0.0	0.0	0.0
2449	4	53.79	0.0	0.05	-3.91	0.0	-1.13	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.90e-03	0.0	110.0	-1.13	-1.96	0.0	0.0	0.0	0.0
2449	5	53.79	0.0	0.05	-3.91	0.0	-1.13	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.90e-03	0.0	110.0	-1.13	-1.96	0.0	0.0	0.0	0.0
2450	1	69.92	0.0	-0.08	-5.09	0.0	2.22	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-3.71e-03	0.0	110.0	2.22	-2.54	0.0	0.0	0.0	0.0
2450	2	53.79	0.0	-0.06	-3.91	0.0	1.80	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.99e-03	0.0	110.0	1.80	-1.96	0.0	0.0	0.0	0.0
2450	3	53.79	0.0	-0.06	-3.91	0.0	1.67	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.80e-03	0.0	110.0	1.67	-1.96	0.0	0.0	0.0	0.0
2450	4	53.79	0.0	-0.05	-3.91	0.0	1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.41e-03	0.0	110.0	1.43	-1.96	0.0	0.0	0.0	0.0
2450	5	53.79	0.0	-0.05	-3.91	0.0	1.43	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.41e-03	0.0	110.0	1.43	-1.96	0.0	0.0	0.0	0.0
2451	1	46.81	0.0	0.01	-4.16	0.0	-543.12	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-9.45e-03	0.0	90.0	-543.12	-2.08	0.0	0.0	0.0	0.0
2451	2	36.01	0.0	0.01	-3.20	0.0	-437.09	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.59e-03	0.0	90.0	-437.09	-1.60	0.0	0.0	0.0	0.0
2451	3	36.01	0.0	0.01	-3.20	0.0	-409.21	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.13e-03	0.0	90.0	-409.21	-1.60	0.0	0.0	0.0	0.0
2451	4	36.01	0.0	9.19e-03	-3.20	0.0	-353.40	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.18e-03	0.0	90.0	-353.40	-1.60	0.0	0.0	0.0	0.0
2451	5	36.01	0.0	9.19e-03	-3.20	0.0	-353.40	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.18e-03	0.0	90.0	-353.40	-1.60	0.0	0.0	0.0	0.0
2452	1	46.81	0.0	-7.38e-03	-4.16	0.0	-25.99	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-4.80e-03	0.0	90.0	-25.99	-2.08	0.0	0.0	0.0	0.0
2452	2	36.01	0.0	-5.96e-03	-3.20	0.0	-20.94	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.87e-03	0.0	90.0	-20.94	-1.60	0.0	0.0	0.0	0.0
2452	3	36.01	0.0	-5.55e-03	-3.20	0.0	-19.57	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.62e-03	0.0	90.0	-19.57	-1.60	0.0	0.0	0.0	0.0
2452	4	36.01	0.0	-4.74e-03	-3.20	0.0	-16.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.12e-03	0.0	90.0	-16.77	-1.60	0.0	0.0	0.0	0.0
2452	5	36.01	0.0	-4.74e-03	-3.20	0.0	-16.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.12e-03	0.0	90.0	-16.77	-1.60	0.0	0.0	0.0	0.0
2453	1	46.81	0.0	4.71e-03	-4.16	0.0	-538.68	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	-538.68	-2.08	0.0	0.0	0.0	0.0
2453	2	36.01	0.0	3.85e-03	-3.20	0.0	-433.52	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.32e-03	0.0	90.0	-433.52	-1.60	0.0	0.0	0.0	0.0
2453	3	36.01	0.0	3.53e-03	-3.20	0.0	-405.86	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.80e-03	0.0	90.0	-405.86	-1.60	0.0	0.0	0.0	0.0
2453	4	36.01	0.0	2.87e-03	-3.20	0.0	-350.49	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.79e-03	0.0	90.0	-350.49	-1.60	0.0	0.0	0.0	0.0
2453	5	36.01	0.0	2.87e-03	-3.20	0.0	-350.49	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.79e-03	0.0	90.0	-350.49	-1.60	0.0	0.0	0.0	0.0
2454	1	69.92	0.0	0.08	-5.09	0.0	-3.99	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-3.07e-03	0.0	110.0	-3.99	-2.54	0.0	0.0	0.0	0.0

2454	2	53.79	0.0	0.06	-3.91	0.0	-3.27	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.47e-03	0.0	110.0	-3.27	-1.96	0.0	0.0	0.0	0.0
2454	3	53.79	0.0	0.06	-3.91	0.0	-3.04	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.32e-03	0.0	110.0	-3.04	-1.96	0.0	0.0	0.0	0.0
2454	4	53.79	0.0	0.05	-3.91	0.0	-2.50	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.99e-03	0.0	110.0	-2.50	-1.96	0.0	0.0	0.0	0.0
2454	5	53.79	0.0	0.05	-3.91	0.0	-2.50	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.99e-03	0.0	110.0	-2.50	-1.96	0.0	0.0	0.0	0.0
2455	1	69.92	0.0	-0.08	-5.09	0.0	-0.73	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-3.23e-03	0.0	110.0	-0.73	-2.54	0.0	0.0	0.0	0.0
2455	2	53.79	0.0	-0.06	-3.91	0.0	-0.63	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.60e-03	0.0	110.0	-0.63	-1.96	0.0	0.0	0.0	0.0
2455	3	53.79	0.0	-0.06	-3.91	0.0	-0.56	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.44e-03	0.0	110.0	-0.56	-1.96	0.0	0.0	0.0	0.0
2455	4	53.79	0.0	-0.05	-3.91	0.0	-0.24	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.10e-03	0.0	110.0	-0.24	-1.96	0.0	0.0	0.0	0.0
2455	5	53.79	0.0	-0.05	-3.91	0.0	-0.24	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.10e-03	0.0	110.0	-0.24	-1.96	0.0	0.0	0.0	0.0
2456	1	46.81	0.0	-1.53e-03	-4.16	0.0	-1.05	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	7.95e-03	0.0	90.0	-1.05	-2.08	0.0	0.0	0.0	0.0
2456	2	36.01	0.0	-1.20e-03	-3.20	0.0	-0.84	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	6.39e-03	0.0	90.0	-0.84	-1.60	0.0	0.0	0.0	0.0
2456	3	36.01	0.0	-1.17e-03	-3.20	0.0	-0.79	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	5.99e-03	0.0	90.0	-0.79	-1.60	0.0	0.0	0.0	0.0
2456	4	36.01	0.0	-1.09e-03	-3.20	0.0	-0.73	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	5.19e-03	0.0	90.0	-0.73	-1.60	0.0	0.0	0.0	0.0
2456	5	36.01	0.0	-1.09e-03	-3.20	0.0	-0.73	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	5.19e-03	0.0	90.0	-0.73	-1.60	0.0	0.0	0.0	0.0
2458	1	46.81	0.0	-2.03e-03	-4.16	0.0	-0.08	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.21e-03	0.0	90.0	-0.08	-2.08	0.0	0.0	0.0	0.0
2458	2	36.01	0.0	-1.58e-03	-3.20	0.0	-0.06	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.72e-04	0.0	90.0	-0.06	-1.60	0.0	0.0	0.0	0.0
2458	3	36.01	0.0	-1.55e-03	-3.20	0.0	-0.06	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.14e-04	0.0	90.0	-0.06	-1.60	0.0	0.0	0.0	0.0
2458	4	36.01	0.0	-1.50e-03	-3.20	0.0	-0.10	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.00e-04	0.0	90.0	-0.10	-1.60	0.0	0.0	0.0	0.0
2458	5	36.01	0.0	-1.50e-03	-3.20	0.0	-0.10	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.00e-04	0.0	90.0	-0.10	-1.60	0.0	0.0	0.0	0.0
2459	1	69.92	0.0	0.08	-5.09	0.0	-10.02	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-3.42e-03	0.0	110.0	-10.02	-2.54	0.0	0.0	0.0	0.0
2459	2	53.79	0.0	0.07	-3.91	0.0	-8.05	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.75e-03	0.0	110.0	-8.05	-1.96	0.0	0.0	0.0	0.0
2459	3	53.79	0.0	0.06	-3.91	0.0	-7.47	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.58e-03	0.0	110.0	-7.47	-1.96	0.0	0.0	0.0	0.0
2459	4	53.79	0.0	0.05	-3.91	0.0	-6.57	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.22e-03	0.0	110.0	-6.57	-1.96	0.0	0.0	0.0	0.0
2459	5	53.79	0.0	0.05	-3.91	0.0	-6.57	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.22e-03	0.0	110.0	-6.57	-1.96	0.0	0.0	0.0	0.0
2460	1	69.92	0.0	-0.08	-5.09	0.0	-8.31	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-3.04e-03	0.0	110.0	-8.31	-2.54	0.0	0.0	0.0	0.0
2460	2	53.79	0.0	-0.06	-3.91	0.0	-6.70	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.45e-03	0.0	110.0	-6.70	-1.96	0.0	0.0	0.0	0.0
2460	3	53.79	0.0	-0.06	-3.91	0.0	-6.18	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.30e-03	0.0	110.0	-6.18	-1.96	0.0	0.0	0.0	0.0
2460	4	53.79	0.0	-0.05	-3.91	0.0	-5.25	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.97e-03	0.0	110.0	-5.25	-1.96	0.0	0.0	0.0	0.0
2460	5	53.79	0.0	-0.05	-3.91	0.0	-5.25	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.97e-03	0.0	110.0	-5.25	-1.96	0.0	0.0	0.0	0.0
2464	1	69.92	0.0	0.08	-5.09	0.0	-9.97	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-3.27e-03	0.0	110.0	-9.97	-2.54	0.0	0.0	0.0	0.0
2464	2	53.79	0.0	0.06	-3.91	0.0	-8.04	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.63e-03	0.0	110.0	-8.04	-1.96	0.0	0.0	0.0	0.0
2464	3	53.79	0.0	0.06	-3.91	0.0	-7.32	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.46e-03	0.0	110.0	-7.32	-1.96	0.0	0.0	0.0	0.0
2464	4	53.79	0.0	0.05	-3.91	0.0	-6.31	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.12e-03	0.0	110.0	-6.31	-1.96	0.0	0.0	0.0	0.0
2464	5	53.79	0.0	0.05	-3.91	0.0	-6.31	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.12e-03	0.0	110.0	-6.31	-1.96	0.0	0.0	0.0	0.0
2465	1	69.92	0.0	-0.08	-5.09	0.0	-21.37	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-3.15e-03	0.0	110.0	-21.37	-2.54	0.0	0.0	0.0	0.0
2465	2	53.79	0.0	-0.06	-3.91	0.0	-17.22	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.54e-03	0.0	110.0	-17.22	-1.96	0.0	0.0	0.0	0.0
2465	3	53.79	0.0	-0.06	-3.91	0.0	-15.94	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.38e-03	0.0	110.0	-15.94	-1.96	0.0	0.0	0.0	0.0
2465	4	53.79	0.0	-0.05	-3.91	0.0	-13.75	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.05e-03	0.0	110.0	-13.75	-1.96	0.0	0.0	0.0	0.0
2465	5	53.79	0.0	-0.05	-3.91	0.0	-13.75	1.96	0.0	0.0	0.0	0.0



		0.0	0.0	-2.05e-03	0.0	110.0	-13.75	-1.96	0.0	0.0	0.0	0.0
2466	1	46.81	0.0	-2.34e-03	-4.16	0.0	-0.59	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-9.58e-03	0.0	90.0	-0.59	-2.08	0.0	0.0	0.0	0.0
2466	2	36.01	0.0	-1.82e-03	-3.20	0.0	-0.48	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.72e-03	0.0	90.0	-0.48	-1.60	0.0	0.0	0.0	0.0
2466	3	36.01	0.0	-1.79e-03	-3.20	0.0	-0.45	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.21e-03	0.0	90.0	-0.45	-1.60	0.0	0.0	0.0	0.0
2466	4	36.01	0.0	-1.73e-03	-3.20	0.0	-0.39	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.21e-03	0.0	90.0	-0.39	-1.60	0.0	0.0	0.0	0.0
2466	5	36.01	0.0	-1.73e-03	-3.20	0.0	-0.39	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.21e-03	0.0	90.0	-0.39	-1.60	0.0	0.0	0.0	0.0
2467	1	46.81	0.0	4.01e-03	-4.16	0.0	9.21	2.08	0.0	4.93	0.0	0.0
		0.0	0.0	-3.46e-04	0.0	90.0	9.21	-2.08	0.0	4.93	0.0	0.0
2467	2	36.01	0.0	3.31e-03	-3.20	0.0	7.36	1.60	0.0	3.96	0.0	0.0
		0.0	0.0	-2.76e-04	0.0	90.0	7.36	-1.60	0.0	3.96	0.0	0.0
2467	3	36.01	0.0	2.99e-03	-3.20	0.0	6.93	1.60	0.0	3.72	0.0	0.0
		0.0	0.0	-2.62e-04	0.0	90.0	6.93	-1.60	0.0	3.72	0.0	0.0
2467	4	36.01	0.0	2.34e-03	-3.20	0.0	6.16	1.60	0.0	3.23	0.0	0.0
		0.0	0.0	-2.34e-04	0.0	90.0	6.16	-1.60	0.0	3.23	0.0	0.0
2467	5	36.01	0.0	2.34e-03	-3.20	0.0	6.16	1.60	0.0	3.23	0.0	0.0
		0.0	0.0	-2.34e-04	0.0	90.0	6.16	-1.60	0.0	3.23	0.0	0.0
2468	1	46.81	0.0	-1.78e-03	-4.16	0.0	-0.77	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-9.57e-03	0.0	90.0	-0.77	-2.08	0.0	0.0	0.0	0.0
2468	2	36.01	0.0	-1.37e-03	-3.20	0.0	-0.62	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.75e-03	0.0	90.0	-0.62	-1.60	0.0	0.0	0.0	0.0
2468	3	36.01	0.0	-1.37e-03	-3.20	0.0	-0.58	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.19e-03	0.0	90.0	-0.58	-1.60	0.0	0.0	0.0	0.0
2468	4	36.01	0.0	-1.36e-03	-3.20	0.0	-0.50	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.09e-03	0.0	90.0	-0.50	-1.60	0.0	0.0	0.0	0.0
2468	5	36.01	0.0	-1.36e-03	-3.20	0.0	-0.50	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.09e-03	0.0	90.0	-0.50	-1.60	0.0	0.0	0.0	0.0
2469	1	69.92	0.0	0.08	-5.09	0.0	-5.26	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-2.49e-03	0.0	110.0	-5.26	-2.54	0.0	0.0	0.0	0.0
2469	2	53.79	0.0	0.06	-3.91	0.0	-4.25	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.01e-03	0.0	110.0	-4.25	-1.96	0.0	0.0	0.0	0.0
2469	3	53.79	0.0	0.06	-3.91	0.0	-3.86	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.88e-03	0.0	110.0	-3.86	-1.96	0.0	0.0	0.0	0.0
2469	4	53.79	0.0	0.05	-3.91	0.0	-3.15	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.61e-03	0.0	110.0	-3.15	-1.96	0.0	0.0	0.0	0.0
2469	5	53.79	0.0	0.05	-3.91	0.0	-3.15	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.61e-03	0.0	110.0	-3.15	-1.96	0.0	0.0	0.0	0.0
2470	1	69.92	0.0	-0.08	-5.09	0.0	-17.05	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-2.95e-03	0.0	110.0	-17.05	-2.54	0.0	0.0	0.0	0.0
2470	2	53.79	0.0	-0.06	-3.91	0.0	-13.67	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.37e-03	0.0	110.0	-13.67	-1.96	0.0	0.0	0.0	0.0
2470	3	53.79	0.0	-0.06	-3.91	0.0	-12.73	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.22e-03	0.0	110.0	-12.73	-1.96	0.0	0.0	0.0	0.0
2470	4	53.79	0.0	-0.05	-3.91	0.0	-11.06	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.91e-03	0.0	110.0	-11.06	-1.96	0.0	0.0	0.0	0.0
2470	5	53.79	0.0	-0.05	-3.91	0.0	-11.06	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.91e-03	0.0	110.0	-11.06	-1.96	0.0	0.0	0.0	0.0
2472	1	22.54	9.74	4.22e-03	-3.93	0.0	-183.92	1.44	0.11	4.28	0.0	0.0
		-44.26	0.0	-7.34e-03	0.0	85.0	-183.92	-2.49	0.11	4.28	9.74	-44.26
2472	2	16.94	7.84	3.57e-03	-3.02	0.0	-147.15	1.10	0.09	3.45	0.0	0.0
		-35.12	0.0	-5.91e-03	0.0	85.0	-147.15	-1.92	0.09	3.45	7.84	-35.12
2472	3	17.50	7.32	3.11e-03	-3.02	0.0	-138.96	1.12	0.09	3.22	0.0	0.0
		-33.61	0.0	-5.53e-03	0.0	85.0	-138.96	-1.91	0.09	3.22	7.32	-33.61
2472	4	18.65	6.36	2.19e-03	-3.02	0.0	-122.52	1.15	0.07	2.78	0.0	0.0
		-30.56	0.0	-4.77e-03	0.0	85.0	-122.52	-1.87	0.07	2.78	6.36	-30.56
2472	5	18.65	6.36	2.19e-03	-3.02	0.0	-122.52	1.15	0.07	2.78	0.0	0.0
		-30.56	0.0	-4.77e-03	0.0	85.0	-122.52	-1.87	0.07	2.78	6.36	-30.56
2474	1	69.92	0.0	0.08	-5.09	0.0	-10.48	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-1.84e-03	0.0	110.0	-10.48	-2.54	0.0	0.0	0.0	0.0
2474	2	53.79	0.0	0.07	-3.91	0.0	-8.45	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.48e-03	0.0	110.0	-8.45	-1.96	0.0	0.0	0.0	0.0
2474	3	53.79	0.0	0.06	-3.91	0.0	-8.00	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.38e-03	0.0	110.0	-8.00	-1.96	0.0	0.0	0.0	0.0
2474	4	53.79	0.0	0.05	-3.91	0.0	-6.94	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.19e-03	0.0	110.0	-6.94	-1.96	0.0	0.0	0.0	0.0
2474	5	53.79	0.0	0.05	-3.91	0.0	-6.94	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.19e-03	0.0	110.0	-6.94	-1.96	0.0	0.0	0.0	0.0
2475	1	69.92	0.0	-0.07	-5.09	0.0	-9.47	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-2.54e-03	0.0	110.0	-9.47	-2.54	0.0	0.0	0.0	0.0
2475	2	53.79	0.0	-0.06	-3.91	0.0	-7.62	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.05e-03	0.0	110.0	-7.62	-1.96	0.0	0.0	0.0	0.0
2475	3	53.79	0.0	-0.06	-3.91	0.0	-7.08	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.92e-03	0.0	110.0	-7.08	-1.96	0.0	0.0	0.0	0.0

2475	4	53.79	0.0	-0.05	-3.91	0.0	-6.22	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.64e-03	0.0	110.0	-6.22	-1.96	0.0	0.0	0.0	0.0
2475	5	53.79	0.0	-0.05	-3.91	0.0	-6.22	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.64e-03	0.0	110.0	-6.22	-1.96	0.0	0.0	0.0	0.0
2476	1	46.81	0.0	-0.02	-4.16	0.0	-14.14	2.08	0.0	6.32	0.0	0.0
		0.0	0.0	-3.14e-03	0.0	90.0	-14.14	-2.08	0.0	6.32	0.0	0.0
2476	2	36.01	0.0	-0.02	-3.20	0.0	-11.43	1.60	0.0	5.10	0.0	0.0
		0.0	0.0	-2.53e-03	0.0	90.0	-11.43	-1.60	0.0	5.10	0.0	0.0
2476	3	36.01	0.0	-0.02	-3.20	0.0	-10.64	1.60	0.0	4.75	0.0	0.0
		0.0	0.0	-2.36e-03	0.0	90.0	-10.64	-1.60	0.0	4.75	0.0	0.0
2476	4	36.01	0.0	-0.01	-3.20	0.0	-9.01	1.60	0.0	4.08	0.0	0.0
		0.0	0.0	-2.02e-03	0.0	90.0	-9.01	-1.60	0.0	4.08	0.0	0.0
2476	5	36.01	0.0	-0.01	-3.20	0.0	-9.01	1.60	0.0	4.08	0.0	0.0
		0.0	0.0	-2.02e-03	0.0	90.0	-9.01	-1.60	0.0	4.08	0.0	0.0
2477	1	7.87	9.10	1.34e-04	-4.16	0.0	-164.71	2.06	0.05	-0.16	4.57	-37.95
		-39.92	4.57	-2.76e-03	0.0	90.0	-164.71	-2.10	0.05	-0.16	9.10	-39.92
2477	2	5.29	7.28	1.18e-04	-3.20	0.0	-131.74	1.58	0.04	-0.13	3.63	-29.96
		-31.47	3.63	-2.23e-03	0.0	90.0	-131.74	-1.62	0.04	-0.13	7.28	-31.47
2477	3	6.40	6.88	9.89e-05	-3.20	0.0	-124.46	1.58	0.04	-0.12	3.46	-28.83
		-30.39	3.46	-2.08e-03	0.0	90.0	-124.46	-1.62	0.04	-0.12	6.88	-30.39
2477	4	8.53	6.02	-7.30e-05	-3.20	0.0	-109.89	1.58	0.03	-0.10	3.15	-26.69
		-28.27	3.15	-1.78e-03	0.0	90.0	-109.89	-1.62	0.03	-0.10	6.02	-28.27
2477	5	8.53	6.02	-7.30e-05	-3.20	0.0	-109.89	1.58	0.03	-0.10	3.15	-26.69
		-28.27	3.15	-1.78e-03	0.0	90.0	-109.89	-1.62	0.03	-0.10	6.02	-28.27
2478	1	46.81	0.0	-4.16e-03	-4.16	0.0	0.53	2.08	0.0	5.23	0.0	0.0
		0.0	0.0	-6.32e-04	0.0	90.0	0.53	-2.08	0.0	5.23	0.0	0.0
2478	2	36.01	0.0	-3.38e-03	-3.20	0.0	0.43	1.60	0.0	4.35	0.0	0.0
		0.0	0.0	-5.19e-04	0.0	90.0	0.43	-1.60	0.0	4.35	0.0	0.0
2478	3	36.01	0.0	-3.13e-03	-3.20	0.0	0.40	1.60	0.0	3.87	0.0	0.0
		0.0	0.0	-4.72e-04	0.0	90.0	0.40	-1.60	0.0	3.87	0.0	0.0
2478	4	36.01	0.0	-2.68e-03	-3.20	0.0	0.34	1.60	0.0	2.96	0.0	0.0
		0.0	0.0	-3.79e-04	0.0	90.0	0.34	-1.60	0.0	2.96	0.0	0.0
2478	5	36.01	0.0	-2.68e-03	-3.20	0.0	0.34	1.60	0.0	2.96	0.0	0.0
		0.0	0.0	-3.79e-04	0.0	90.0	0.34	-1.60	0.0	2.96	0.0	0.0
2479	1	69.92	0.0	0.09	-5.09	0.0	0.59	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-1.75e-03	0.0	110.0	0.59	-2.54	0.0	0.0	0.0	0.0
2479	2	53.79	0.0	0.07	-3.91	0.0	0.54	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.41e-03	0.0	110.0	0.54	-1.96	0.0	0.0	0.0	0.0
2479	3	53.79	0.0	0.06	-3.91	0.0	0.50	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.32e-03	0.0	110.0	0.50	-1.96	0.0	0.0	0.0	0.0
2479	4	53.79	0.0	0.05	-3.91	0.0	0.54	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.14e-03	0.0	110.0	0.54	-1.96	0.0	0.0	0.0	0.0
2479	5	53.79	0.0	0.05	-3.91	0.0	0.54	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.14e-03	0.0	110.0	0.54	-1.96	0.0	0.0	0.0	0.0
2480	1	69.92	0.0	-0.07	-5.09	0.0	-0.73	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-2.75e-03	0.0	110.0	-0.73	-2.54	0.0	0.0	0.0	0.0
2480	2	53.79	0.0	-0.06	-3.91	0.0	-0.64	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.22e-03	0.0	110.0	-0.64	-1.96	0.0	0.0	0.0	0.0
2480	3	53.79	0.0	-0.05	-3.91	0.0	-0.54	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.07e-03	0.0	110.0	-0.54	-1.96	0.0	0.0	0.0	0.0
2480	4	53.79	0.0	-0.05	-3.91	0.0	-0.48	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.78e-03	0.0	110.0	-0.48	-1.96	0.0	0.0	0.0	0.0
2480	5	53.79	0.0	-0.05	-3.91	0.0	-0.48	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.78e-03	0.0	110.0	-0.48	-1.96	0.0	0.0	0.0	0.0
2481	1	7.43	9.74	1.99e-03	-4.16	0.0	-183.92	2.37	-0.07	4.28	9.74	-53.13
		-53.13	3.55	-5.48e-03	0.0	90.0	-183.92	-1.79	-0.07	4.28	3.55	-27.38
2481	2	4.97	7.84	1.59e-03	-3.20	0.0	-147.15	1.83	-0.06	3.45	7.84	-42.28
		-42.28	2.86	-4.41e-03	0.0	90.0	-147.15	-1.37	-0.06	3.45	2.86	-21.29
2481	3	6.05	7.32	1.50e-03	-3.20	0.0	-138.96	1.82	-0.05	3.22	7.32	-40.29
		-40.29	2.69	-4.13e-03	0.0	90.0	-138.96	-1.38	-0.05	3.22	2.69	-20.91
2481	4	8.16	6.36	1.32e-03	-3.20	0.0	-122.52	1.78	-0.05	2.78	6.36	-36.26
		-36.26	2.31	-3.55e-03	0.0	90.0	-122.52	-1.42	-0.05	2.78	2.31	-20.31
2481	5	8.16	6.36	1.32e-03	-3.20	0.0	-122.52	1.78	-0.05	2.78	6.36	-36.26
		-36.26	2.31	-3.55e-03	0.0	90.0	-122.52	-1.42	-0.05	2.78	2.31	-20.31
2482	1	69.92	0.0	-0.01	-5.09	0.0	0.06	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	0.06	-2.54	0.0	0.0	0.0	0.0
2482	2	53.79	0.0	-9.24e-03	-3.91	0.0	0.05	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	0.05	-1.96	0.0	0.0	0.0	0.0
2482	3	53.79	0.0	-8.66e-03	-3.91	0.0	0.05	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	0.05	-1.96	0.0	0.0	0.0	0.0
2482	4	53.79	0.0	-7.62e-03	-3.91	0.0	0.04	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-9.28e-03	0.0	110.0	0.04	-1.96	0.0	0.0	0.0	0.0
2482	5	53.79	0.0	-7.62e-03	-3.91	0.0	0.04	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-9.28e-03	0.0	110.0	0.04	-1.96	0.0	0.0	0.0	0.0
2483	1	26.09	3.55	1.82e-03	-3.93	0.0	-177.32	2.37	-0.04	4.28	3.55	-34.81
		-34.81	0.0	-3.94e-03	0.0	85.0	-177.32	-1.56	-0.04	4.28	0.0	0.0
2483	2	19.88	2.86	1.31e-03	-3.02	0.0	-141.88	1.83	-0.03	3.45	2.86	-27.28

2483	3	-27.28	0.0	-3.17e-03	0.0	85.0	-141.88	-1.19	-0.03	3.45	0.0	0.0
		20.16	2.69	1.44e-03	-3.02	0.0	-134.00	1.82	-0.03	3.22	2.69	-26.52
2483	4	-26.52	0.0	-2.96e-03	0.0	85.0	-134.00	-1.20	-0.03	3.22	0.0	0.0
		20.68	2.31	1.69e-03	-3.02	0.0	-118.13	1.81	-0.03	2.78	2.31	-25.14
2483	5	-25.14	0.0	-2.55e-03	0.0	85.0	-118.13	-1.22	-0.03	2.78	0.0	0.0
		20.68	2.31	1.69e-03	-3.02	0.0	-118.13	1.81	-0.03	2.78	2.31	-25.14
2484	1	-25.14	0.0	-2.55e-03	0.0	85.0	-118.13	-1.22	-0.03	2.78	0.0	0.0
		69.92	0.0	0.09	-5.09	0.0	0.09	2.54	0.0	0.0	0.0	0.0
2484	2	0.0	0.0	-1.67e-03	0.0	110.0	0.09	-2.54	0.0	0.0	0.0	0.0
		53.79	0.0	0.07	-3.91	0.0	0.13	1.96	0.0	0.0	0.0	0.0
2484	3	0.0	0.0	-1.35e-03	0.0	110.0	0.13	-1.96	0.0	0.0	0.0	0.0
		53.79	0.0	0.06	-3.91	0.0	0.20	1.96	0.0	0.0	0.0	0.0
2484	4	0.0	0.0	-1.26e-03	0.0	110.0	0.20	-1.96	0.0	0.0	0.0	0.0
		53.79	0.0	0.05	-3.91	0.0	0.36	1.96	0.0	0.0	0.0	0.0
2484	5	0.0	0.0	-1.09e-03	0.0	110.0	0.36	-1.96	0.0	0.0	0.0	0.0
		53.79	0.0	0.05	-3.91	0.0	0.36	1.96	0.0	0.0	0.0	0.0
2485	1	0.0	0.0	-1.09e-03	0.0	110.0	0.36	-1.96	0.0	0.0	0.0	0.0
		69.92	0.0	-0.07	-5.09	0.0	-6.93	2.54	0.0	0.0	0.0	0.0
2485	2	0.0	0.0	-3.25e-03	0.0	110.0	-6.93	-2.54	0.0	0.0	0.0	0.0
		53.79	0.0	-0.06	-3.91	0.0	-5.55	1.96	0.0	0.0	0.0	0.0
2485	3	0.0	0.0	-2.61e-03	0.0	110.0	-5.55	-1.96	0.0	0.0	0.0	0.0
		53.79	0.0	-0.05	-3.91	0.0	-5.27	1.96	0.0	0.0	0.0	0.0
2485	4	0.0	0.0	-2.44e-03	0.0	110.0	-5.27	-1.96	0.0	0.0	0.0	0.0
		53.79	0.0	-0.05	-3.91	0.0	-4.82	1.96	0.0	0.0	0.0	0.0
2485	5	0.0	0.0	-2.11e-03	0.0	110.0	-4.82	-1.96	0.0	0.0	0.0	0.0
		53.79	0.0	-0.05	-3.91	0.0	-4.82	1.96	0.0	0.0	0.0	0.0
2486	1	0.0	0.0	-2.11e-03	0.0	110.0	-4.82	-1.96	0.0	0.0	0.0	0.0
		24.57	9.10	-1.17e-03	-3.93	0.0	-164.18	2.42	-0.11	-0.16	9.10	-38.86
2486	2	-38.86	0.0	-5.17e-04	0.0	85.0	-164.18	-1.51	-0.11	-0.16	0.0	0.0
		18.64	7.28	-1.03e-03	-3.02	0.0	-131.30	1.87	-0.09	-0.13	7.28	-30.59
2486	3	-30.59	0.0	-4.29e-04	0.0	85.0	-131.30	-1.15	-0.09	-0.13	0.0	0.0
		19.01	6.88	-8.45e-04	-3.02	0.0	-124.06	1.86	-0.08	-0.12	6.88	-29.59
2486	4	-29.59	0.0	-3.84e-04	0.0	85.0	-124.06	-1.16	-0.08	-0.12	0.0	0.0
		19.76	6.02	-5.38e-04	-3.02	0.0	-109.57	1.84	-0.07	-0.10	6.02	-27.60
2486	5	-27.60	0.0	-2.94e-04	0.0	85.0	-109.57	-1.19	-0.07	-0.10	0.0	0.0
		19.76	6.02	-5.38e-04	-3.02	0.0	-109.57	1.84	-0.07	-0.10	6.02	-27.60
2487	1	-27.60	0.0	-2.94e-04	0.0	85.0	-109.57	-1.19	-0.07	-0.10	0.0	0.0
		46.81	0.0	7.26e-03	-4.16	0.0	0.12	2.08	0.0	0.0	0.0	0.0
2487	2	0.0	0.0	-2.24e-03	0.0	90.0	0.12	-2.08	0.0	0.0	0.0	0.0
		36.01	0.0	5.87e-03	-3.20	0.0	0.09	1.60	0.0	0.0	0.0	0.0
2487	3	0.0	0.0	-1.81e-03	0.0	90.0	0.09	-1.60	0.0	0.0	0.0	0.0
		36.01	0.0	5.46e-03	-3.20	0.0	0.09	1.60	0.0	0.0	0.0	0.0
2487	4	0.0	0.0	-1.69e-03	0.0	90.0	0.09	-1.60	0.0	0.0	0.0	0.0
		36.01	0.0	4.66e-03	-3.20	0.0	0.08	1.60	0.0	0.0	0.0	0.0
2487	5	0.0	0.0	-1.45e-03	0.0	90.0	0.08	-1.60	0.0	0.0	0.0	0.0
		36.01	0.0	4.66e-03	-3.20	0.0	0.08	1.60	0.0	0.0	0.0	0.0
2488	1	0.0	0.0	-1.45e-03	0.0	90.0	0.08	-1.60	0.0	0.0	0.0	0.0
		23.62	4.97	1.69e-03	-3.93	0.0	-153.04	1.48	0.06	-0.06	0.0	0.0
2488	2	-41.40	0.0	-4.14e-03	0.0	85.0	-153.04	-2.45	0.06	-0.06	4.97	-41.40
		17.79	3.96	1.54e-03	-3.02	0.0	-121.91	1.12	0.05	-0.05	0.0	0.0
2488	3	-32.84	0.0	-3.33e-03	0.0	85.0	-121.91	-1.90	0.05	-0.05	3.96	-32.84
		18.33	3.76	1.20e-03	-3.02	0.0	-115.86	1.14	0.04	-0.04	0.0	0.0
2488	4	-31.41	0.0	-3.13e-03	0.0	85.0	-115.86	-1.88	0.04	-0.04	3.76	-31.41
		19.33	3.41	5.50e-04	-3.02	0.0	-103.73	1.17	0.04	-0.03	0.0	0.0
2488	5	-28.74	0.0	-2.72e-03	0.0	85.0	-103.73	-1.85	0.04	-0.03	3.41	-28.74
		19.33	3.41	5.50e-04	-3.02	0.0	-103.73	1.17	0.04	-0.03	0.0	0.0
2489	1	-28.74	0.0	-2.72e-03	0.0	85.0	-103.73	-1.85	0.04	-0.03	3.41	-28.74
		69.92	0.0	0.08	-5.09	0.0	-12.38	2.54	0.0	0.0	0.0	0.0
2489	2	0.0	0.0	-1.80e-03	0.0	110.0	-12.38	-2.54	0.0	0.0	0.0	0.0
		53.79	0.0	0.07	-3.91	0.0	-9.87	1.96	0.0	0.0	0.0	0.0
2489	3	0.0	0.0	-1.46e-03	0.0	110.0	-9.87	-1.96	0.0	0.0	0.0	0.0
		53.79	0.0	0.06	-3.91	0.0	-9.38	1.96	0.0	0.0	0.0	0.0
2489	4	0.0	0.0	-1.36e-03	0.0	110.0	-9.38	-1.96	0.0	0.0	0.0	0.0
		53.79	0.0	0.05	-3.91	0.0	-8.23	1.96	0.0	0.0	0.0	0.0
2489	5	0.0	0.0	-1.16e-03	0.0	110.0	-8.23	-1.96	0.0	0.0	0.0	0.0
		53.79	0.0	0.05	-3.91	0.0	-8.23	1.96	0.0	0.0	0.0	0.0
2490	1	0.0	0.0	-1.16e-03	0.0	110.0	-8.23	-1.96	0.0	0.0	0.0	0.0
		69.92	0.0	-0.07	-5.09	0.0	2.94	2.54	0.0	0.0	0.0	0.0
2490	2	0.0	0.0	-2.95e-03	0.0	110.0	2.94	-2.54	0.0	0.0	0.0	0.0
		53.79	0.0	-0.06	-3.91	0.0	2.44	1.96	0.0	0.0	0.0	0.0
2490	3	0.0	0.0	-2.37e-03	0.0	110.0	2.44	-1.96	0.0	0.0	0.0	0.0
		53.79	0.0	-0.06	-3.91	0.0	2.16	1.96	0.0	0.0	0.0	0.0
2490	4	0.0	0.0	-2.22e-03	0.0	110.0	2.16	-1.96	0.0	0.0	0.0	0.0
		53.79	0.0	-0.05	-3.91	0.0	1.54	1.96	0.0	0.0	0.0	0.0
2490	5	0.0	0.0	-1.94e-03	0.0	110.0	1.54	-1.96	0.0	0.0	0.0	0.0
		53.79	0.0	-0.05	-3.91	0.0	1.54	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.94e-03	0.0	110.0	1.54	-1.96	0.0	0.0	0.0	0.0

2491	1	69.92	0.0	0.01	-5.09	0.0	0.06	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.16	0.0	110.0	0.06	-2.54	0.0	0.0	0.0	0.0
2491	2	53.79	0.0	9.10e-03	-3.91	0.0	0.05	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.13	0.0	110.0	0.05	-1.96	0.0	0.0	0.0	0.0
2491	3	53.79	0.0	8.52e-03	-3.91	0.0	0.05	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.12	0.0	110.0	0.05	-1.96	0.0	0.0	0.0	0.0
2491	4	53.79	0.0	7.35e-03	-3.91	0.0	0.04	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.11	0.0	110.0	0.04	-1.96	0.0	0.0	0.0	0.0
2491	5	53.79	0.0	7.35e-03	-3.91	0.0	0.04	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.11	0.0	110.0	0.04	-1.96	0.0	0.0	0.0	0.0
2493	1	69.92	0.0	-0.02	-5.09	0.0	-12.21	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-12.21	-2.54	0.0	0.0	0.0	0.0
2493	2	53.79	0.0	-0.01	-3.91	0.0	-9.81	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-9.81	-1.96	0.0	0.0	0.0	0.0
2493	3	53.79	0.0	-0.01	-3.91	0.0	-9.21	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-9.21	-1.96	0.0	0.0	0.0	0.0
2493	4	53.79	0.0	-0.01	-3.91	0.0	-8.00	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-9.13e-03	0.0	110.0	-8.00	-1.96	0.0	0.0	0.0	0.0
2493	5	53.79	0.0	-0.01	-3.91	0.0	-8.00	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-9.13e-03	0.0	110.0	-8.00	-1.96	0.0	0.0	0.0	0.0
2494	1	69.92	0.0	0.08	-5.09	0.0	-21.86	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-2.52e-03	0.0	110.0	-21.86	-2.54	0.0	0.0	0.0	0.0
2494	2	53.79	0.0	0.07	-3.91	0.0	-17.49	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.04e-03	0.0	110.0	-17.49	-1.96	0.0	0.0	0.0	0.0
2494	3	53.79	0.0	0.06	-3.91	0.0	-16.55	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.89e-03	0.0	110.0	-16.55	-1.96	0.0	0.0	0.0	0.0
2494	4	53.79	0.0	0.05	-3.91	0.0	-14.65	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.60e-03	0.0	110.0	-14.65	-1.96	0.0	0.0	0.0	0.0
2494	5	53.79	0.0	0.05	-3.91	0.0	-14.65	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.60e-03	0.0	110.0	-14.65	-1.96	0.0	0.0	0.0	0.0
2495	1	69.92	0.0	-0.07	-5.09	0.0	1.99	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-1.67e-03	0.0	110.0	1.99	-2.54	0.0	0.0	0.0	0.0
2495	2	53.79	0.0	-0.06	-3.91	0.0	1.62	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.34e-03	0.0	110.0	1.62	-1.96	0.0	0.0	0.0	0.0
2495	3	53.79	0.0	-0.06	-3.91	0.0	1.52	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.25e-03	0.0	110.0	1.52	-1.96	0.0	0.0	0.0	0.0
2495	4	53.79	0.0	-0.05	-3.91	0.0	1.29	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.12e-03	0.0	110.0	1.29	-1.96	0.0	0.0	0.0	0.0
2495	5	53.79	0.0	-0.05	-3.91	0.0	1.29	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.12e-03	0.0	110.0	1.29	-1.96	0.0	0.0	0.0	0.0
2496	1	46.81	0.0	0.02	-4.16	0.0	0.20	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-5.33e-03	0.0	90.0	0.20	-2.08	0.0	0.0	0.0	0.0
2496	2	36.01	0.0	0.02	-3.20	0.0	0.16	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.29e-03	0.0	90.0	0.16	-1.60	0.0	0.0	0.0	0.0
2496	3	36.01	0.0	0.02	-3.20	0.0	0.15	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.02e-03	0.0	90.0	0.15	-1.60	0.0	0.0	0.0	0.0
2496	4	36.01	0.0	0.01	-3.20	0.0	0.13	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.49e-03	0.0	90.0	0.13	-1.60	0.0	0.0	0.0	0.0
2496	5	36.01	0.0	0.01	-3.20	0.0	0.13	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.49e-03	0.0	90.0	0.13	-1.60	0.0	0.0	0.0	0.0
2498	1	46.81	0.0	3.65e-03	-4.16	0.0	0.21	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.21e-03	0.0	90.0	0.21	-2.08	0.0	0.0	0.0	0.0
2498	2	36.01	0.0	2.99e-03	-3.20	0.0	0.17	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.77e-03	0.0	90.0	0.17	-1.60	0.0	0.0	0.0	0.0
2498	3	36.01	0.0	2.73e-03	-3.20	0.0	0.16	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.69e-03	0.0	90.0	0.16	-1.60	0.0	0.0	0.0	0.0
2498	4	36.01	0.0	2.22e-03	-3.20	0.0	0.13	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.50e-03	0.0	90.0	0.13	-1.60	0.0	0.0	0.0	0.0
2498	5	36.01	0.0	2.22e-03	-3.20	0.0	0.13	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.50e-03	0.0	90.0	0.13	-1.60	0.0	0.0	0.0	0.0
2499	1	69.92	0.0	0.08	-5.09	0.0	-36.88	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-4.29e-03	0.0	110.0	-36.88	-2.54	0.0	0.0	0.0	0.0
2499	2	53.79	0.0	0.06	-3.91	0.0	-29.68	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.47e-03	0.0	110.0	-29.68	-1.96	0.0	0.0	0.0	0.0
2499	3	53.79	0.0	0.06	-3.91	0.0	-27.75	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.23e-03	0.0	110.0	-27.75	-1.96	0.0	0.0	0.0	0.0
2499	4	53.79	0.0	0.05	-3.91	0.0	-24.05	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.74e-03	0.0	110.0	-24.05	-1.96	0.0	0.0	0.0	0.0
2499	5	53.79	0.0	0.05	-3.91	0.0	-24.05	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.74e-03	0.0	110.0	-24.05	-1.96	0.0	0.0	0.0	0.0
2500	1	69.92	0.0	-0.07	-5.09	0.0	-5.17	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	1.68e-04	0.0	110.0	-5.17	-2.54	0.0	0.0	0.0	0.0
2500	2	53.79	0.0	-0.06	-3.91	0.0	-4.24	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	1.51e-04	0.0	110.0	-4.24	-1.96	0.0	0.0	0.0	0.0
2500	3	53.79	0.0	-0.05	-3.91	0.0	-3.74	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	1.34e-04	0.0	110.0	-3.74	-1.96	0.0	0.0	0.0	0.0
2500	4	53.79	0.0	-0.04	-3.91	0.0	-3.07	1.96	0.0	0.0	0.0	0.0



		0.0	0.0	6.31e-05	0.0	110.0	-3.07	-1.96	0.0	0.0	0.0	0.0
2500	5	53.79	0.0	-0.04	-3.91	0.0	-3.07	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	6.31e-05	0.0	110.0	-3.07	-1.96	0.0	0.0	0.0	0.0
2502	1	46.81	0.0	-0.01	-4.16	0.0	0.29	2.08	0.0	1.42	0.0	0.0
		0.0	0.0	-2.27e-03	0.0	90.0	0.29	-2.08	0.0	1.42	0.0	0.0
2502	2	36.01	0.0	-0.01	-3.20	0.0	0.23	1.60	0.0	1.14	0.0	0.0
		0.0	0.0	-1.83e-03	0.0	90.0	0.23	-1.60	0.0	1.14	0.0	0.0
2502	3	36.01	0.0	-0.01	-3.20	0.0	0.22	1.60	0.0	1.08	0.0	0.0
		0.0	0.0	-1.71e-03	0.0	90.0	0.22	-1.60	0.0	1.08	0.0	0.0
2502	4	36.01	0.0	-8.70e-03	-3.20	0.0	0.19	1.60	0.0	0.95	0.0	0.0
		0.0	0.0	-1.47e-03	0.0	90.0	0.19	-1.60	0.0	0.95	0.0	0.0
2502	5	36.01	0.0	-8.70e-03	-3.20	0.0	0.19	1.60	0.0	0.95	0.0	0.0
		0.0	0.0	-1.47e-03	0.0	90.0	0.19	-1.60	0.0	0.95	0.0	0.0
2504	1	69.92	0.0	0.06	-5.09	0.0	-37.00	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-7.12e-03	0.0	110.0	-37.00	-2.54	0.0	0.0	0.0	0.0
2504	2	53.79	0.0	0.05	-3.91	0.0	-29.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-5.76e-03	0.0	110.0	-29.85	-1.96	0.0	0.0	0.0	0.0
2504	3	53.79	0.0	0.05	-3.91	0.0	-27.69	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-5.36e-03	0.0	110.0	-27.69	-1.96	0.0	0.0	0.0	0.0
2504	4	53.79	0.0	0.04	-3.91	0.0	-23.62	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-4.57e-03	0.0	110.0	-23.62	-1.96	0.0	0.0	0.0	0.0
2504	5	53.79	0.0	0.04	-3.91	0.0	-23.62	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-4.57e-03	0.0	110.0	-23.62	-1.96	0.0	0.0	0.0	0.0
2505	1	69.92	0.0	-0.06	-5.09	0.0	-35.90	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	1.14e-03	0.0	110.0	-35.90	-2.54	0.0	0.0	0.0	0.0
2505	2	53.79	0.0	-0.05	-3.91	0.0	-29.10	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	9.33e-04	0.0	110.0	-29.10	-1.96	0.0	0.0	0.0	0.0
2505	3	53.79	0.0	-0.04	-3.91	0.0	-26.88	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	8.62e-04	0.0	110.0	-26.88	-1.96	0.0	0.0	0.0	0.0
2505	4	53.79	0.0	-0.04	-3.91	0.0	-22.64	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	6.82e-04	0.0	110.0	-22.64	-1.96	0.0	0.0	0.0	0.0
2505	5	53.79	0.0	-0.04	-3.91	0.0	-22.64	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	6.82e-04	0.0	110.0	-22.64	-1.96	0.0	0.0	0.0	0.0
2507	1	46.81	0.0	-0.01	-4.16	0.0	0.15	2.08	0.0	0.05	0.0	0.0
		0.0	0.0	-2.74e-03	0.0	90.0	0.15	-2.08	0.0	0.05	0.0	0.0
2507	2	36.01	0.0	-0.01	-3.20	0.0	0.12	1.60	0.0	0.09	0.0	0.0
		0.0	0.0	-2.20e-03	0.0	90.0	0.12	-1.60	0.0	0.09	0.0	0.0
2507	3	36.01	0.0	-9.78e-03	-3.20	0.0	0.11	1.60	0.0	0.02	0.0	0.0
		0.0	0.0	-2.06e-03	0.0	90.0	0.11	-1.60	0.0	0.02	0.0	0.0
2507	4	36.01	0.0	-8.53e-03	-3.20	0.0	0.10	1.60	0.0	-0.11	0.0	0.0
		0.0	0.0	-1.79e-03	0.0	90.0	0.10	-1.60	0.0	-0.11	0.0	0.0
2507	5	36.01	0.0	-8.53e-03	-3.20	0.0	0.10	1.60	0.0	-0.11	0.0	0.0
		0.0	0.0	-1.79e-03	0.0	90.0	0.10	-1.60	0.0	-0.11	0.0	0.0
2509	1	69.92	0.0	0.03	-5.09	0.0	-54.40	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-8.73e-03	0.0	110.0	-54.40	-2.54	0.0	0.0	0.0	0.0
2509	2	53.79	0.0	0.03	-3.91	0.0	-44.01	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-7.06e-03	0.0	110.0	-44.01	-1.96	0.0	0.0	0.0	0.0
2509	3	53.79	0.0	0.03	-3.91	0.0	-40.77	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-6.57e-03	0.0	110.0	-40.77	-1.96	0.0	0.0	0.0	0.0
2509	4	53.79	0.0	0.02	-3.91	0.0	-34.58	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-5.60e-03	0.0	110.0	-34.58	-1.96	0.0	0.0	0.0	0.0
2509	5	53.79	0.0	0.02	-3.91	0.0	-34.58	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-5.60e-03	0.0	110.0	-34.58	-1.96	0.0	0.0	0.0	0.0
2510	1	500.68	21.98	-0.03	-2.08	0.0	-394.38	12.17	0.49	-37.15	0.0	0.0
		0.0	0.0	-2.32e-03	0.0	45.0	-394.38	10.09	0.49	-37.15	21.98	500.68
2510	2	406.89	17.74	-0.02	-1.60	0.0	-319.80	9.84	0.39	-30.01	0.0	0.0
		0.0	0.0	-1.87e-03	0.0	45.0	-319.80	8.24	0.39	-30.01	17.74	406.89
2510	3	375.48	16.53	-0.02	-1.60	0.0	-296.09	9.14	0.37	-27.94	0.0	0.0
		0.0	0.0	-1.74e-03	0.0	45.0	-296.09	7.54	0.37	-27.94	16.53	375.48
2510	4	312.61	14.10	-0.02	-1.60	0.0	-248.62	7.75	0.31	-23.80	0.0	0.0
		0.0	0.0	-1.49e-03	0.0	45.0	-248.62	6.15	0.31	-23.80	14.10	312.61
2510	5	312.61	14.10	-0.02	-1.60	0.0	-248.62	7.75	0.31	-23.80	0.0	0.0
		0.0	0.0	-1.49e-03	0.0	45.0	-248.62	6.15	0.31	-23.80	14.10	312.61
2511	1	205.93	8.42	-0.02	-2.08	0.0	-479.63	5.62	0.19	-17.32	0.0	0.0
		0.0	0.0	-2.83e-03	0.0	45.0	-479.63	3.54	0.19	-17.32	8.42	205.93
2511	2	167.41	6.79	-0.02	-1.60	0.0	-388.68	4.52	0.15	-13.97	0.0	0.0
		0.0	0.0	-2.28e-03	0.0	45.0	-388.68	2.92	0.15	-13.97	6.79	167.41
2511	3	154.44	6.34	-0.02	-1.60	0.0	-360.30	4.23	0.14	-13.04	0.0	0.0
		0.0	0.0	-2.14e-03	0.0	45.0	-360.30	2.63	0.14	-13.04	6.34	154.44
2511	4	128.45	5.43	-0.01	-1.60	0.0	-303.33	3.65	0.12	-11.15	0.0	0.0
		0.0	0.0	-1.84e-03	0.0	45.0	-303.33	2.05	0.12	-11.15	5.43	128.45
2511	5	128.45	5.43	-0.01	-1.60	0.0	-303.33	3.65	0.12	-11.15	0.0	0.0
		0.0	0.0	-1.84e-03	0.0	45.0	-303.33	2.05	0.12	-11.15	5.43	128.45
2512	1	178.90	11.54	-0.02	-2.08	0.0	-395.70	5.02	0.26	-17.90	0.0	0.0
		0.0	0.0	-7.54e-03	0.0	45.0	-395.70	2.94	0.26	-17.90	11.54	178.90
2512	2	145.63	9.33	-0.01	-1.60	0.0	-320.86	4.04	0.21	-14.45	0.0	0.0
		0.0	0.0	-6.09e-03	0.0	45.0	-320.86	2.44	0.21	-14.45	9.33	145.63

2512	3	134.04	8.68	-0.01	-1.60	0.0	-297.19	3.78	0.19	-13.47	0.0	0.0
		0.0	0.0	-5.67e-03	0.0	45.0	-297.19	2.18	0.19	-13.47	8.68	134.04
2512	4	110.91	7.40	-0.01	-1.60	0.0	-249.68	3.26	0.16	-11.51	0.0	0.0
		0.0	0.0	-4.83e-03	0.0	45.0	-249.68	1.66	0.16	-11.51	7.40	110.91
2512	5	110.91	7.40	-0.01	-1.60	0.0	-249.68	3.26	0.16	-11.51	0.0	0.0
		0.0	0.0	-4.83e-03	0.0	45.0	-249.68	1.66	0.16	-11.51	7.40	110.91
2513	1	185.00	23.45	-0.01	-2.08	0.0	-284.29	5.15	0.52	-41.05	0.0	0.0
		0.0	0.0	-6.41e-03	0.0	45.0	-284.29	3.07	0.52	-41.05	23.45	185.00
2513	2	150.48	18.96	-0.01	-1.60	0.0	-230.76	4.14	0.42	-33.19	0.0	0.0
		0.0	0.0	-5.18e-03	0.0	45.0	-230.76	2.54	0.42	-33.19	18.96	150.48
2513	3	138.66	17.63	-0.01	-1.60	0.0	-213.29	3.88	0.39	-30.87	0.0	0.0
		0.0	0.0	-4.82e-03	0.0	45.0	-213.29	2.28	0.39	-30.87	17.63	138.66
2513	4	115.03	14.97	-9.21e-03	-1.60	0.0	-178.31	3.36	0.33	-26.21	0.0	0.0
		0.0	0.0	-4.11e-03	0.0	45.0	-178.31	1.76	0.33	-26.21	14.97	115.03
2513	5	115.03	14.97	-9.21e-03	-1.60	0.0	-178.31	3.36	0.33	-26.21	0.0	0.0
		0.0	0.0	-4.11e-03	0.0	45.0	-178.31	1.76	0.33	-26.21	14.97	115.03
2514	1	196.85	22.20	-0.01	-2.08	0.0	-226.81	5.41	0.49	-40.53	0.0	0.0
		0.0	0.0	-2.08e-03	0.0	45.0	-226.81	3.33	0.49	-40.53	22.20	196.85
2514	2	160.00	17.94	-0.01	-1.60	0.0	-184.03	4.36	0.40	-32.76	0.0	0.0
		0.0	0.0	-1.68e-03	0.0	45.0	-184.03	2.76	0.40	-32.76	17.94	160.00
2514	3	147.61	16.68	-0.01	-1.60	0.0	-170.12	4.08	0.37	-30.47	0.0	0.0
		0.0	0.0	-1.56e-03	0.0	45.0	-170.12	2.48	0.37	-30.47	16.68	147.61
2514	4	122.82	14.18	-8.86e-03	-1.60	0.0	-142.29	3.53	0.32	-25.87	0.0	0.0
		0.0	0.0	-1.35e-03	0.0	45.0	-142.29	1.93	0.32	-25.87	14.18	122.82
2514	5	122.82	14.18	-8.86e-03	-1.60	0.0	-142.29	3.53	0.32	-25.87	0.0	0.0
		0.0	0.0	-1.35e-03	0.0	45.0	-142.29	1.93	0.32	-25.87	14.18	122.82
2515	1	190.07	10.89	-0.01	-2.08	0.0	-184.12	5.26	0.24	-17.93	0.0	0.0
		0.0	0.0	-3.75e-03	0.0	45.0	-184.12	3.18	0.24	-17.93	10.89	190.07
2515	2	154.58	8.79	-0.01	-1.60	0.0	-149.33	4.24	0.20	-14.47	0.0	0.0
		0.0	0.0	-3.02e-03	0.0	45.0	-149.33	2.63	0.20	-14.47	8.79	154.58
2515	3	142.51	8.20	-9.98e-03	-1.60	0.0	-138.18	3.97	0.18	-13.49	0.0	0.0
		0.0	0.0	-2.83e-03	0.0	45.0	-138.18	2.37	0.18	-13.49	8.20	142.51
2515	4	118.33	7.01	-8.34e-03	-1.60	0.0	-115.74	3.43	0.16	-11.52	0.0	0.0
		0.0	0.0	-2.42e-03	0.0	45.0	-115.74	1.83	0.16	-11.52	7.01	118.33
2515	5	118.33	7.01	-8.34e-03	-1.60	0.0	-115.74	3.43	0.16	-11.52	0.0	0.0
		0.0	0.0	-2.42e-03	0.0	45.0	-115.74	1.83	0.16	-11.52	7.01	118.33
2516	1	176.54	13.26	-0.01	-2.08	0.0	-113.58	4.96	0.29	-20.53	0.0	0.0
		0.0	0.0	-8.42e-03	0.0	45.0	-113.58	2.88	0.29	-20.53	13.26	176.54
2516	2	143.74	10.71	-0.01	-1.60	0.0	-92.43	3.99	0.24	-16.58	0.0	0.0
		0.0	0.0	-6.80e-03	0.0	45.0	-92.43	2.39	0.24	-16.58	10.71	143.74
2516	3	132.28	9.97	-9.64e-03	-1.60	0.0	-85.15	3.74	0.22	-15.44	0.0	0.0
		0.0	0.0	-6.33e-03	0.0	45.0	-85.15	2.14	0.22	-15.44	9.97	132.28
2516	4	109.34	8.47	-8.04e-03	-1.60	0.0	-70.39	3.23	0.19	-13.14	0.0	0.0
		0.0	0.0	-5.39e-03	0.0	45.0	-70.39	1.63	0.19	-13.14	8.47	109.34
2516	5	109.34	8.47	-8.04e-03	-1.60	0.0	-70.39	3.23	0.19	-13.14	0.0	0.0
		0.0	0.0	-5.39e-03	0.0	45.0	-70.39	1.63	0.19	-13.14	8.47	109.34
2517	1	188.49	25.69	-0.01	-2.08	0.0	-56.82	5.23	0.57	-44.51	0.0	0.0
		0.0	0.0	-6.85e-03	0.0	45.0	-56.82	3.15	0.57	-44.51	25.69	188.49
2517	2	153.34	20.76	-0.01	-1.60	0.0	-46.75	4.21	0.46	-35.97	0.0	0.0
		0.0	0.0	-5.53e-03	0.0	45.0	-46.75	2.61	0.46	-35.97	20.76	153.34
2517	3	141.29	19.31	-0.01	-1.60	0.0	-42.24	3.94	0.43	-33.45	0.0	0.0
		0.0	0.0	-5.15e-03	0.0	45.0	-42.24	2.34	0.43	-33.45	19.31	141.29
2517	4	117.16	16.41	-9.01e-03	-1.60	0.0	-33.51	3.40	0.36	-28.42	0.0	0.0
		0.0	0.0	-4.38e-03	0.0	45.0	-33.51	1.80	0.36	-28.42	16.41	117.16
2517	5	117.16	16.41	-9.01e-03	-1.60	0.0	-33.51	3.40	0.36	-28.42	0.0	0.0
		0.0	0.0	-4.38e-03	0.0	45.0	-33.51	1.80	0.36	-28.42	16.41	117.16
2518	1	212.07	23.83	-0.02	-2.08	0.0	-78.63	5.75	0.53	-43.16	0.0	0.0
		0.0	0.0	-1.86e-03	0.0	45.0	-78.63	3.67	0.53	-43.16	23.83	212.07
2518	2	172.32	19.26	-0.01	-1.60	0.0	-64.35	4.63	0.43	-34.88	0.0	0.0
		0.0	0.0	-1.50e-03	0.0	45.0	-64.35	3.03	0.43	-34.88	19.26	172.32
2518	3	159.04	17.92	-0.01	-1.60	0.0	-58.49	4.33	0.40	-32.44	0.0	0.0
		0.0	0.0	-1.40e-03	0.0	45.0	-58.49	2.73	0.40	-32.44	17.92	159.04
2518	4	132.49	15.22	-0.01	-1.60	0.0	-47.52	3.74	0.34	-27.57	0.0	0.0
		0.0	0.0	-1.21e-03	0.0	45.0	-47.52	2.14	0.34	-27.57	15.22	132.49
2518	5	132.49	15.22	-0.01	-1.60	0.0	-47.52	3.74	0.34	-27.57	0.0	0.0
		0.0	0.0	-1.21e-03	0.0	45.0	-47.52	2.14	0.34	-27.57	15.22	132.49
2519	1	237.52	11.73	-0.02	-2.08	0.0	-182.41	6.32	0.26	-18.94	0.0	0.0
		0.0	0.0	-3.76e-03	0.0	45.0	-182.41	4.24	0.26	-18.94	11.73	237.52
2519	2	192.90	9.47	-0.01	-1.60	0.0	-148.06	5.09	0.21	-15.29	0.0	0.0
		0.0	0.0	-3.03e-03	0.0	45.0	-148.06	3.49	0.21	-15.29	9.47	192.90
2519	3	178.16	8.83	-0.01	-1.60	0.0	-136.70	4.76	0.20	-14.25	0.0	0.0
		0.0	0.0	-2.84e-03	0.0	45.0	-136.70	3.16	0.20	-14.25	8.83	178.16
2519	4	148.73	7.53	-0.01	-1.60	0.0	-114.52	4.11	0.17	-12.15	0.0	0.0
		0.0	0.0	-2.42e-03	0.0	45.0	-114.52	2.50	0.17	-12.15	7.53	148.73
2519	5	148.73	7.53	-0.01	-1.60	0.0	-114.52	4.11	0.17	-12.15	0.0	0.0
		0.0	0.0	-2.42e-03	0.0	45.0	-114.52	2.50	0.17	-12.15	7.53	148.73
2520	1	257.24	12.47	-0.02	-2.08	0.0	-355.55	6.76	0.28	-20.05	0.0	0.0



		0.0	0.0	-6.09e-03	0.0	45.0	-355.55	4.68	0.28	-20.05	12.47	257.24
2520	2	208.83	10.08	-0.01	-1.60	0.0	-287.83	5.44	0.22	-16.19	0.0	0.0
		0.0	0.0	-4.93e-03	0.0	45.0	-287.83	3.84	0.22	-16.19	10.08	208.83
2520	3	193.00	9.38	-0.01	-1.60	0.0	-266.98	5.09	0.21	-15.08	0.0	0.0
		0.0	0.0	-4.58e-03	0.0	45.0	-266.98	3.49	0.21	-15.08	9.38	193.00
2520	4	161.33	7.97	-0.01	-1.60	0.0	-225.65	4.39	0.18	-12.83	0.0	0.0
		0.0	0.0	-3.88e-03	0.0	45.0	-225.65	2.79	0.18	-12.83	7.97	161.33
2520	5	161.33	7.97	-0.01	-1.60	0.0	-225.65	4.39	0.18	-12.83	0.0	0.0
		0.0	0.0	-3.88e-03	0.0	45.0	-225.65	2.79	0.18	-12.83	7.97	161.33
2521	1	188.95	20.22	-0.01	-2.08	0.0	-407.22	5.24	0.45	-36.34	0.0	0.0
		0.0	0.0	-5.08e-03	0.0	45.0	-407.22	3.16	0.45	-36.34	20.22	188.95
2521	2	153.79	16.36	-9.90e-03	-1.60	0.0	-329.71	4.22	0.36	-29.41	0.0	0.0
		0.0	0.0	-4.11e-03	0.0	45.0	-329.71	2.62	0.36	-29.41	16.36	153.79
2521	3	141.58	15.19	-9.14e-03	-1.60	0.0	-305.78	3.95	0.34	-27.31	0.0	0.0
		0.0	0.0	-3.82e-03	0.0	45.0	-305.78	2.35	0.34	-27.31	15.19	141.58
2521	4	117.17	12.85	-7.62e-03	-1.60	0.0	-258.32	3.40	0.29	-23.11	0.0	0.0
		0.0	0.0	-3.24e-03	0.0	45.0	-258.32	1.80	0.29	-23.11	12.85	117.17
2521	5	117.17	12.85	-7.62e-03	-1.60	0.0	-258.32	3.40	0.29	-23.11	0.0	0.0
		0.0	0.0	-3.24e-03	0.0	45.0	-258.32	1.80	0.29	-23.11	12.85	117.17
2522	1	151.61	21.04	-8.23e-03	-2.08	0.0	-262.91	4.41	0.47	-37.42	0.0	0.0
		0.0	0.0	-6.01e-03	0.0	45.0	-262.91	2.33	0.47	-37.42	21.04	151.61
2522	2	123.76	17.01	-6.70e-03	-1.60	0.0	-213.69	3.55	0.38	-30.27	0.0	0.0
		0.0	0.0	-4.85e-03	0.0	45.0	-213.69	1.95	0.38	-30.27	17.01	123.76
2522	3	113.45	15.81	-6.16e-03	-1.60	0.0	-197.07	3.32	0.35	-28.11	0.0	0.0
		0.0	0.0	-4.52e-03	0.0	45.0	-197.07	1.72	0.35	-28.11	15.81	113.45
2522	4	92.84	13.40	-5.08e-03	-1.60	0.0	-164.13	2.86	0.30	-23.81	0.0	0.0
		0.0	0.0	-3.84e-03	0.0	45.0	-164.13	1.26	0.30	-23.81	13.40	92.84
2522	5	92.84	13.40	-5.08e-03	-1.60	0.0	-164.13	2.86	0.30	-23.81	0.0	0.0
		0.0	0.0	-3.84e-03	0.0	45.0	-164.13	1.26	0.30	-23.81	13.40	92.84
2523	1	208.23	19.76	-0.01	-2.08	0.0	-168.52	5.67	0.44	-37.92	0.0	0.0
		0.0	0.0	-2.24e-03	0.0	45.0	-168.52	3.59	0.44	-37.92	19.76	208.23
2523	2	169.36	15.97	-8.16e-03	-1.60	0.0	-137.90	4.56	0.35	-30.65	0.0	0.0
		0.0	0.0	-1.81e-03	0.0	45.0	-137.90	2.96	0.35	-30.65	15.97	169.36
2523	3	156.08	14.85	-7.54e-03	-1.60	0.0	-125.85	4.27	0.33	-28.50	0.0	0.0
		0.0	0.0	-1.69e-03	0.0	45.0	-125.85	2.67	0.33	-28.50	14.85	156.08
2523	4	129.55	12.61	-6.30e-03	-1.60	0.0	-101.97	3.68	0.28	-24.18	0.0	0.0
		0.0	0.0	-1.46e-03	0.0	45.0	-101.97	2.08	0.28	-24.18	12.61	129.55
2523	5	129.55	12.61	-6.30e-03	-1.60	0.0	-101.97	3.68	0.28	-24.18	0.0	0.0
		0.0	0.0	-1.46e-03	0.0	45.0	-101.97	2.08	0.28	-24.18	12.61	129.55
2524	1	243.56	8.41	-0.01	-2.08	0.0	-261.95	6.45	0.19	-15.81	0.0	0.0
		0.0	0.0	-4.04e-03	0.0	45.0	-261.95	4.37	0.19	-15.81	8.41	243.56
2524	2	197.83	6.78	-9.01e-03	-1.60	0.0	-213.42	5.20	0.15	-12.76	0.0	0.0
		0.0	0.0	-3.26e-03	0.0	45.0	-213.42	3.60	0.15	-12.76	6.78	197.83
2524	3	182.68	6.35	-8.35e-03	-1.60	0.0	-196.07	4.86	0.14	-11.94	0.0	0.0
		0.0	0.0	-3.05e-03	0.0	45.0	-196.07	3.26	0.14	-11.94	6.35	182.68
2524	4	152.43	5.44	-7.05e-03	-1.60	0.0	-161.71	4.19	0.12	-10.22	0.0	0.0
		0.0	0.0	-2.61e-03	0.0	45.0	-161.71	2.59	0.12	-10.22	5.44	152.43
2524	5	152.43	5.44	-7.05e-03	-1.60	0.0	-161.71	4.19	0.12	-10.22	0.0	0.0
		0.0	0.0	-2.61e-03	0.0	45.0	-161.71	2.59	0.12	-10.22	5.44	152.43
2525	1	209.49	9.52	-7.68e-03	-2.08	0.0	-325.76	5.70	0.21	-16.51	0.0	0.0
		0.0	0.0	-8.11e-03	0.0	45.0	-325.76	3.62	0.21	-16.51	9.52	209.49
2525	2	170.24	7.69	-6.21e-03	-1.60	0.0	-264.61	4.58	0.17	-13.32	0.0	0.0
		0.0	0.0	-6.55e-03	0.0	45.0	-264.61	2.98	0.17	-13.32	7.69	170.24
2525	3	157.10	7.16	-5.77e-03	-1.60	0.0	-244.30	4.29	0.16	-12.42	0.0	0.0
		0.0	0.0	-6.10e-03	0.0	45.0	-244.30	2.69	0.16	-12.42	7.16	157.10
2525	4	130.83	6.13	-4.90e-03	-1.60	0.0	-203.83	3.71	0.14	-10.64	0.0	0.0
		0.0	0.0	-5.22e-03	0.0	45.0	-203.83	2.11	0.14	-10.64	6.13	130.83
2525	5	130.83	6.13	-4.90e-03	-1.60	0.0	-203.83	3.71	0.14	-10.64	0.0	0.0
		0.0	0.0	-5.22e-03	0.0	45.0	-203.83	2.11	0.14	-10.64	6.13	130.83
2526	1	590.84	17.92	-0.03	-2.08	0.0	-450.83	14.17	0.40	-33.59	0.0	0.0
		0.0	0.0	-2.10e-03	0.0	45.0	-450.83	12.09	0.40	-33.59	17.92	590.84
2526	2	480.21	14.47	-0.03	-1.60	0.0	-365.56	11.47	0.32	-27.13	0.0	0.0
		0.0	0.0	-1.69e-03	0.0	45.0	-365.56	9.87	0.32	-27.13	14.47	480.21
2526	3	443.08	13.48	-0.02	-1.60	0.0	-338.48	10.65	0.30	-25.27	0.0	0.0
		0.0	0.0	-1.58e-03	0.0	45.0	-338.48	9.05	0.30	-25.27	13.48	443.08
2526	4	368.80	11.49	-0.02	-1.60	0.0	-284.27	9.00	0.26	-21.52	0.0	0.0
		0.0	0.0	-1.35e-03	0.0	45.0	-284.27	7.40	0.26	-21.52	11.49	368.80
2526	5	368.80	11.49	-0.02	-1.60	0.0	-284.27	9.00	0.26	-21.52	0.0	0.0
		0.0	0.0	-1.35e-03	0.0	45.0	-284.27	7.40	0.26	-21.52	11.49	368.80
2527	1	568.86	2.29	-0.03	-2.08	0.0	-562.50	13.68	0.05	-5.30	0.0	0.0
		0.0	0.0	-1.09e-03	0.0	45.0	-562.50	11.60	0.05	-5.30	2.29	568.86
2527	2	462.37	1.84	-0.02	-1.60	0.0	-455.47	11.08	0.04	-4.27	0.0	0.0
		0.0	0.0	-8.72e-04	0.0	45.0	-455.47	9.47	0.04	-4.27	1.84	462.37
2527	3	426.50	1.73	-0.02	-1.60	0.0	-422.49	10.28	0.04	-4.00	0.0	0.0
		0.0	0.0	-8.21e-04	0.0	45.0	-422.49	8.68	0.04	-4.00	1.73	426.50
2527	4	354.79	1.48	-0.02	-1.60	0.0	-356.45	8.68	0.03	-3.41	0.0	0.0
		0.0	0.0	-7.07e-04	0.0	45.0	-356.45	7.08	0.03	-3.41	1.48	354.79

2527	5	354.79	1.48	-0.02	-1.60	0.0	-356.45	8.68	0.03	-3.41	0.0	0.0
		0.0	0.0	-7.07e-04	0.0	45.0	-356.45	7.08	0.03	-3.41	1.48	354.79
2528	1	526.75	0.10	-0.02	-2.08	0.0	-460.92	12.75	2.28e-03	24.22	0.0	0.0
		0.0	0.0	-7.92e-04	0.0	45.0	-460.92	10.67	2.28e-03	24.22	0.10	526.75
2528	2	428.57	0.08	-0.02	-1.60	0.0	-373.74	10.32	1.82e-03	19.59	0.0	0.0
		0.0	0.0	-6.39e-04	0.0	45.0	-373.74	8.72	1.82e-03	19.59	0.08	428.57
2528	3	394.81	0.08	-0.01	-1.60	0.0	-345.97	9.57	1.68e-03	18.21	0.0	0.0
		0.0	0.0	-5.98e-04	0.0	45.0	-345.97	7.97	1.68e-03	18.21	0.08	394.81
2528	4	327.25	0.09	-0.01	-1.60	0.0	-290.44	8.07	1.93e-03	15.39	0.0	0.0
		0.0	0.0	-5.24e-04	0.0	45.0	-290.44	6.47	1.93e-03	15.39	0.09	327.25
2528	5	327.25	0.09	-0.01	-1.60	0.0	-290.44	8.07	1.93e-03	15.39	0.0	0.0
		0.0	0.0	-5.24e-04	0.0	45.0	-290.44	6.47	1.93e-03	15.39	0.09	327.25
2529	1	525.22	20.89	-0.02	-2.08	0.0	-311.13	12.71	0.46	-9.19	0.0	0.0
		0.0	0.0	-1.87e-03	0.0	45.0	-311.13	10.63	0.46	-9.19	20.89	525.22
2529	2	427.23	16.89	-0.01	-1.60	0.0	-252.97	10.29	0.38	-7.43	0.0	0.0
		0.0	0.0	-1.51e-03	0.0	45.0	-252.97	8.69	0.38	-7.43	16.89	427.23
2529	3	393.70	15.70	-0.01	-1.60	0.0	-233.28	9.55	0.35	-6.91	0.0	0.0
		0.0	0.0	-1.41e-03	0.0	45.0	-233.28	7.95	0.35	-6.91	15.70	393.70
2529	4	326.62	13.32	-0.01	-1.60	0.0	-193.77	8.06	0.30	-5.87	0.0	0.0
		0.0	0.0	-1.21e-03	0.0	45.0	-193.77	6.46	0.30	-5.87	13.32	326.62
2529	5	326.62	13.32	-0.01	-1.60	0.0	-193.77	8.06	0.30	-5.87	0.0	0.0
		0.0	0.0	-1.21e-03	0.0	45.0	-193.77	6.46	0.30	-5.87	13.32	326.62
2530	1	538.85	23.96	-0.02	-2.08	0.0	-254.38	13.01	0.53	-41.97	0.0	0.0
		0.0	0.0	-2.34e-03	0.0	45.0	-254.38	10.93	0.53	-41.97	23.96	538.85
2530	2	438.06	19.37	-0.01	-1.60	0.0	-206.55	10.53	0.43	-33.93	0.0	0.0
		0.0	0.0	-1.89e-03	0.0	45.0	-206.55	8.93	0.43	-33.93	19.37	438.06
2530	3	403.99	18.00	-0.01	-1.60	0.0	-190.80	9.78	0.40	-31.52	0.0	0.0
		0.0	0.0	-1.76e-03	0.0	45.0	-190.80	8.18	0.40	-31.52	18.00	403.99
2530	4	335.89	15.26	-0.01	-1.60	0.0	-159.28	8.26	0.34	-26.71	0.0	0.0
		0.0	0.0	-1.50e-03	0.0	45.0	-159.28	6.66	0.34	-26.71	15.26	335.89
2530	5	335.89	15.26	-0.01	-1.60	0.0	-159.28	8.26	0.34	-26.71	0.0	0.0
		0.0	0.0	-1.50e-03	0.0	45.0	-159.28	6.66	0.34	-26.71	15.26	335.89
2531	1	530.04	3.14	-0.02	-2.08	0.0	-236.16	12.82	0.07	-7.95	0.0	0.0
		0.0	0.0	-1.55e-03	0.0	45.0	-236.16	10.74	0.07	-7.95	3.14	530.04
2531	2	430.93	2.53	-0.01	-1.60	0.0	-191.15	10.38	0.06	-6.42	0.0	0.0
		0.0	0.0	-1.25e-03	0.0	45.0	-191.15	8.78	0.06	-6.42	2.53	430.93
2531	3	397.42	2.37	-0.01	-1.60	0.0	-177.43	9.63	0.05	-5.99	0.0	0.0
		0.0	0.0	-1.18e-03	0.0	45.0	-177.43	8.03	0.05	-5.99	2.37	397.42
2531	4	330.30	2.05	-9.87e-03	-1.60	0.0	-149.81	8.14	0.05	-5.15	0.0	0.0
		0.0	0.0	-1.02e-03	0.0	45.0	-149.81	6.54	0.05	-5.15	2.05	330.30
2531	5	330.30	2.05	-9.87e-03	-1.60	0.0	-149.81	8.14	0.05	-5.15	0.0	0.0
		0.0	0.0	-1.02e-03	0.0	45.0	-149.81	6.54	0.05	-5.15	2.05	330.30
2532	1	496.54	1.29	-0.01	-2.08	0.0	-136.45	12.07	0.03	23.70	0.0	0.0
		0.0	0.0	-1.35e-03	0.0	45.0	-136.45	9.99	0.03	23.70	1.29	496.54
2532	2	404.08	1.03	-0.01	-1.60	0.0	-110.95	9.78	0.02	19.17	0.0	0.0
		0.0	0.0	-1.09e-03	0.0	45.0	-110.95	8.18	0.02	19.17	1.03	404.08
2532	3	372.11	0.97	-0.01	-1.60	0.0	-102.47	9.07	0.02	17.80	0.0	0.0
		0.0	0.0	-1.02e-03	0.0	45.0	-102.47	7.47	0.02	17.80	0.97	372.11
2532	4	308.15	0.81	-8.50e-03	-1.60	0.0	-85.15	7.65	0.02	15.12	0.0	0.0
		0.0	0.0	-8.78e-04	0.0	45.0	-85.15	6.05	0.02	15.12	0.81	308.15
2532	5	308.15	0.81	-8.50e-03	-1.60	0.0	-85.15	7.65	0.02	15.12	0.0	0.0
		0.0	0.0	-8.78e-04	0.0	45.0	-85.15	6.05	0.02	15.12	0.81	308.15
2533	1	184.96	31.63	-0.04	-3.93	0.0	287.00	4.14	0.37	14.91	0.0	0.0
		0.0	0.0	-8.70e-03	0.0	85.0	287.00	0.21	0.37	14.91	31.63	184.96
2533	2	150.93	25.64	-0.03	-3.02	0.0	231.26	3.29	0.30	12.10	0.0	0.0
		0.0	0.0	-7.04e-03	0.0	85.0	231.26	0.26	0.30	12.10	25.64	150.93
2533	3	138.42	23.65	-0.03	-3.02	0.0	216.05	3.14	0.28	11.17	0.0	0.0
		0.0	0.0	-6.49e-03	0.0	85.0	216.05	0.12	0.28	11.17	23.65	138.42
2533	4	113.82	19.77	-0.03	-3.02	0.0	185.84	2.85	0.23	9.35	0.0	0.0
		0.0	0.0	-5.49e-03	0.0	85.0	185.84	-0.18	0.23	9.35	19.77	113.82
2533	5	113.82	19.77	-0.03	-3.02	0.0	185.84	2.85	0.23	9.35	0.0	0.0
		0.0	0.0	-5.49e-03	0.0	85.0	185.84	-0.18	0.23	9.35	19.77	113.82
2534	1	123.35	20.48	-4.72e-03	-4.16	0.0	735.63	2.05	-0.03	-0.51	20.48	78.09
		75.00	17.48	-2.67e-03	0.0	90.0	735.63	-2.11	-0.03	-0.51	17.48	75.00
2534	2	99.12	16.60	-3.81e-03	-3.20	0.0	593.91	1.57	-0.03	-0.42	16.60	64.33
		61.89	14.20	-2.15e-03	0.0	90.0	593.91	-1.63	-0.03	-0.42	14.20	61.89
2534	3	93.00	15.35	-3.56e-03	-3.20	0.0	553.43	1.57	-0.03	-0.40	15.35	58.16
		55.83	13.00	-1.98e-03	0.0	90.0	553.43	-1.63	-0.03	-0.40	13.00	55.83
2534	4	80.77	12.81	-3.06e-03	-3.20	0.0	472.49	1.58	-0.02	-0.32	12.81	45.77
		43.76	10.88	-1.72e-03	0.0	90.0	472.49	-1.62	-0.02	-0.32	10.88	43.76
2534	5	80.77	12.81	-3.06e-03	-3.20	0.0	472.49	1.58	-0.02	-0.32	12.81	45.77
		43.76	10.88	-1.72e-03	0.0	90.0	472.49	-1.62	-0.02	-0.32	10.88	43.76
2535	1	182.83	29.18	0.04	-3.93	0.0	285.75	-0.19	-0.34	-15.46	29.18	182.83
		0.0	0.0	3.29e-03	0.0	85.0	285.75	-4.12	-0.34	-15.46	0.0	0.0
2535	2	149.24	23.70	0.03	-3.02	0.0	230.24	-0.24	-0.28	-12.53	23.70	149.24
		0.0	0.0	2.68e-03	0.0	85.0	230.24	-3.27	-0.28	-12.53	0.0	0.0
2535	3	136.82	21.81	0.03	-3.02	0.0	215.22	-0.10	-0.26	-11.53	21.81	136.82

		0.0	0.0	2.46e-03	0.0	85.0	215.22	-3.12	-0.26	-11.53	0.0	0.0
2535	4	112.53	18.22	0.03	-3.02	0.0	185.14	0.19	-0.21	-9.67	18.22	112.00
		0.0	0.0	1.99e-03	0.0	85.0	185.14	-2.83	-0.21	-9.67	0.0	0.0
2535	5	112.53	18.22	0.03	-3.02	0.0	185.14	0.19	-0.21	-9.67	18.22	112.00
		0.0	0.0	1.99e-03	0.0	85.0	185.14	-2.83	-0.21	-9.67	0.0	0.0
2536	1	208.03	31.31	-0.04	-3.93	0.0	387.14	4.41	0.37	13.21	0.0	0.0
		0.0	0.0	-8.75e-03	0.0	85.0	387.14	0.48	0.37	13.21	31.31	208.03
2536	2	169.89	25.38	-0.03	-3.02	0.0	311.93	3.51	0.30	10.74	0.0	0.0
		0.0	0.0	-7.08e-03	0.0	85.0	311.93	0.49	0.30	10.74	25.38	169.89
2536	3	155.63	23.41	-0.03	-3.02	0.0	291.57	3.34	0.28	9.90	0.0	0.0
		0.0	0.0	-6.53e-03	0.0	85.0	291.57	0.32	0.28	9.90	23.41	155.63
2536	4	127.22	19.56	-0.03	-3.02	0.0	250.76	3.01	0.23	8.26	0.0	0.0
		0.0	0.0	-5.52e-03	0.0	85.0	250.76	-0.01	0.23	8.26	19.56	127.22
2536	5	127.22	19.56	-0.03	-3.02	0.0	250.76	3.01	0.23	8.26	0.0	0.0
		0.0	0.0	-5.52e-03	0.0	85.0	250.76	-0.01	0.23	8.26	19.56	127.22
2537	1	118.12	21.05	-4.57e-03	-4.16	0.0	817.43	2.05	-0.03	-0.50	21.05	72.63
		69.99	18.00	-2.67e-03	0.0	90.0	817.43	-2.11	-0.03	-0.50	18.00	69.99
2537	2	94.98	17.06	-3.69e-03	-3.20	0.0	660.43	1.58	-0.03	-0.42	17.06	60.06
		57.89	14.63	-2.15e-03	0.0	90.0	660.43	-1.62	-0.03	-0.42	14.63	57.89
2537	3	89.03	15.78	-3.44e-03	-3.20	0.0	614.75	1.58	-0.03	-0.40	15.78	54.07
		51.98	13.40	-1.99e-03	0.0	90.0	614.75	-1.62	-0.03	-0.40	13.40	51.98
2537	4	77.14	13.17	-2.94e-03	-3.20	0.0	523.33	1.58	-0.02	-0.31	13.17	42.23
		40.05	11.22	-1.72e-03	0.0	90.0	523.33	-1.62	-0.02	-0.31	11.22	40.05
2537	5	77.14	13.17	-2.94e-03	-3.20	0.0	523.33	1.58	-0.02	-0.31	13.17	42.23
		40.05	11.22	-1.72e-03	0.0	90.0	523.33	-1.62	-0.02	-0.31	11.22	40.05
2538	1	208.69	28.81	0.04	-3.93	0.0	384.93	-0.49	-0.34	-13.75	28.81	208.69
		0.0	0.0	3.34e-03	0.0	85.0	384.93	-4.42	-0.34	-13.75	0.0	0.0
2538	2	170.40	23.40	0.03	-3.02	0.0	310.17	-0.49	-0.28	-11.15	23.40	170.40
		0.0	0.0	2.72e-03	0.0	85.0	310.17	-3.52	-0.28	-11.15	0.0	0.0
2538	3	156.15	21.53	0.03	-3.02	0.0	289.82	-0.33	-0.25	-10.24	21.53	156.15
		0.0	0.0	2.50e-03	0.0	85.0	289.82	-3.35	-0.25	-10.24	0.0	0.0
2538	4	127.58	17.98	0.03	-3.02	0.0	249.04	0.01	-0.21	-8.55	17.98	127.58
		0.0	0.0	2.03e-03	0.0	85.0	249.04	-3.01	-0.21	-8.55	0.0	0.0
2538	5	127.58	17.98	0.03	-3.02	0.0	249.04	0.01	-0.21	-8.55	17.98	127.58
		0.0	0.0	2.03e-03	0.0	85.0	249.04	-3.01	-0.21	-8.55	0.0	0.0
2539	1	227.70	26.74	-0.04	-3.93	0.0	442.81	4.64	0.31	11.48	0.0	0.0
		0.0	0.0	-7.86e-03	0.0	85.0	442.81	0.71	0.31	11.48	26.74	227.70
2539	2	185.94	21.69	-0.04	-3.02	0.0	356.99	3.70	0.26	9.33	0.0	0.0
		0.0	0.0	-6.36e-03	0.0	85.0	356.99	0.68	0.26	9.33	21.69	185.94
2539	3	170.43	19.98	-0.03	-3.02	0.0	333.68	3.52	0.24	8.59	0.0	0.0
		0.0	0.0	-5.86e-03	0.0	85.0	333.68	0.49	0.24	8.59	19.98	170.43
2539	4	139.42	16.64	-0.03	-3.02	0.0	286.30	3.15	0.20	7.15	0.0	0.0
		0.0	0.0	-4.95e-03	0.0	85.0	286.30	0.13	0.20	7.15	16.64	139.42
2539	5	139.42	16.64	-0.03	-3.02	0.0	286.30	3.15	0.20	7.15	0.0	0.0
		0.0	0.0	-4.95e-03	0.0	85.0	286.30	0.13	0.20	7.15	16.64	139.42
2540	1	128.86	18.27	-5.17e-03	-4.16	0.0	903.28	2.12	-0.03	-0.41	18.27	80.43
		80.43	15.22	-2.65e-03	0.0	90.0	903.28	-2.04	-0.03	-0.41	15.22	83.68
2540	2	103.71	14.81	-4.17e-03	-3.20	0.0	730.19	1.63	-0.03	-0.34	14.81	66.43
		66.43	12.39	-2.13e-03	0.0	90.0	730.19	-1.57	-0.03	-0.34	12.39	68.99
2540	3	97.09	13.70	-3.88e-03	-3.20	0.0	679.18	1.62	-0.03	-0.32	13.70	60.11
		60.11	11.30	-1.97e-03	0.0	90.0	679.18	-1.58	-0.03	-0.32	11.30	62.06
2540	4	83.83	11.40	-3.31e-03	-3.20	0.0	577.07	1.61	-0.02	-0.25	11.40	47.16
		47.16	9.40	-1.71e-03	0.0	90.0	577.07	-1.59	-0.02	-0.25	9.40	48.49
2540	5	83.83	11.40	-3.31e-03	-3.20	0.0	577.07	1.61	-0.02	-0.25	11.40	47.16
		47.16	9.40	-1.71e-03	0.0	90.0	577.07	-1.59	-0.02	-0.25	9.40	48.49
2541	1	227.58	24.13	0.04	-3.93	0.0	446.01	-0.71	-0.28	-11.78	24.13	227.58
		0.0	0.0	2.44e-03	0.0	85.0	446.01	-4.64	-0.28	-11.78	0.0	0.0
2541	2	185.77	19.63	0.04	-3.02	0.0	359.56	-0.67	-0.23	-9.56	19.63	185.77
		0.0	0.0	2.00e-03	0.0	85.0	359.56	-3.70	-0.23	-9.56	0.0	0.0
2541	3	170.21	17.99	0.03	-3.02	0.0	335.51	-0.49	-0.21	-8.75	17.99	170.21
		0.0	0.0	1.82e-03	0.0	85.0	335.51	-3.51	-0.21	-8.75	0.0	0.0
2541	4	138.97	14.94	0.03	-3.02	0.0	288.34	-0.12	-0.18	-7.29	14.94	138.97
		0.0	0.0	1.44e-03	0.0	85.0	288.34	-3.15	-0.18	-7.29	0.0	0.0
2541	5	138.97	14.94	0.03	-3.02	0.0	288.34	-0.12	-0.18	-7.29	14.94	138.97
		0.0	0.0	1.44e-03	0.0	85.0	288.34	-3.15	-0.18	-7.29	0.0	0.0
2542	1	277.21	21.82	-0.06	-3.93	0.0	352.67	5.23	0.26	10.65	0.0	0.0
		0.0	0.0	-6.86e-03	0.0	85.0	352.67	1.30	0.26	10.65	21.82	277.21
2542	2	225.81	17.70	-0.04	-3.02	0.0	284.62	4.17	0.21	8.66	0.0	0.0
		0.0	0.0	-5.56e-03	0.0	85.0	284.62	1.15	0.21	8.66	17.70	225.81
2542	3	207.60	16.29	-0.04	-3.02	0.0	265.36	3.95	0.19	7.97	0.0	0.0
		0.0	0.0	-5.12e-03	0.0	85.0	265.36	0.93	0.19	7.97	16.29	207.60
2542	4	171.27	13.54	-0.04	-3.02	0.0	226.96	3.53	0.16	6.63	0.0	0.0
		0.0	0.0	-4.32e-03	0.0	85.0	226.96	0.50	0.16	6.63	13.54	171.27
2542	5	171.27	13.54	-0.04	-3.02	0.0	226.96	3.53	0.16	6.63	0.0	0.0
		0.0	0.0	-4.32e-03	0.0	85.0	226.96	0.50	0.16	6.63	13.54	171.27
2543	1	163.62	15.28	-6.62e-03	-4.16	0.0	1016.46	2.12	-0.04	-0.37	15.28	115.07
		115.07	11.54	-2.65e-03	0.0	90.0	1016.46	-2.04	-0.04	-0.37	11.54	118.55



2543	2	131.81	12.39	-5.35e-03	-3.20	0.0	821.91	1.63	-0.03	-0.31	12.39	94.33
		94.33	9.40	-2.13e-03	0.0	90.0	821.91	-1.57	-0.03	-0.31	9.40	97.28
2543	3	123.22	11.45	-4.98e-03	-3.20	0.0	764.16	1.63	-0.03	-0.29	11.45	85.78
		85.78	8.53	-1.97e-03	0.0	90.0	764.16	-1.57	-0.03	-0.29	8.53	88.64
2543	4	106.04	9.51	-4.25e-03	-3.20	0.0	648.71	1.63	-0.03	-0.23	9.51	68.85
		68.85	7.05	-1.71e-03	0.0	90.0	648.71	-1.57	-0.03	-0.23	7.05	71.23
2543	5	106.04	9.51	-4.25e-03	-3.20	0.0	648.71	1.63	-0.03	-0.23	9.51	68.85
		68.85	7.05	-1.71e-03	0.0	90.0	648.71	-1.57	-0.03	-0.23	7.05	71.23
2544	1	278.18	18.42	0.05	-3.93	0.0	355.80	-1.31	-0.22	-10.72	18.42	278.18
		0.0	0.0	1.33e-03	0.0	85.0	355.80	-5.24	-0.22	-10.72	0.0	0.0
2544	2	226.64	15.00	0.04	-3.02	0.0	287.04	-1.16	-0.18	-8.71	15.00	226.64
		0.0	0.0	1.11e-03	0.0	85.0	287.04	-4.18	-0.18	-8.71	0.0	0.0
2544	3	208.41	13.70	0.04	-3.02	0.0	267.79	-0.94	-0.16	-7.96	13.70	208.41
		0.0	0.0	9.92e-04	0.0	85.0	267.79	-3.96	-0.16	-7.96	0.0	0.0
2544	4	171.87	11.31	0.03	-3.02	0.0	229.04	-0.51	-0.13	-6.63	11.31	171.87
		0.0	0.0	7.40e-04	0.0	85.0	229.04	-3.53	-0.13	-6.63	0.0	0.0
2544	5	171.87	11.31	0.03	-3.02	0.0	229.04	-0.51	-0.13	-6.63	11.31	171.87
		0.0	0.0	7.40e-04	0.0	85.0	229.04	-3.53	-0.13	-6.63	0.0	0.0
2545	1	285.16	17.06	-0.06	-3.93	0.0	363.15	5.32	0.20	10.28	0.0	0.0
		0.0	0.0	-5.91e-03	0.0	85.0	363.15	1.39	0.20	10.28	17.06	285.16
2545	2	232.26	13.84	-0.05	-3.02	0.0	293.03	4.24	0.16	8.35	0.0	0.0
		0.0	0.0	-4.78e-03	0.0	85.0	293.03	1.22	0.16	8.35	13.84	232.26
2545	3	213.58	12.72	-0.04	-3.02	0.0	273.14	4.02	0.15	7.69	0.0	0.0
		0.0	0.0	-4.40e-03	0.0	85.0	273.14	1.00	0.15	7.69	12.72	213.58
2545	4	176.26	10.53	-0.04	-3.02	0.0	233.51	3.58	0.12	6.39	0.0	0.0
		0.0	0.0	-3.72e-03	0.0	85.0	233.51	0.56	0.12	6.39	10.53	176.26
2545	5	176.26	10.53	-0.04	-3.02	0.0	233.51	3.58	0.12	6.39	0.0	0.0
		0.0	0.0	-3.72e-03	0.0	85.0	233.51	0.56	0.12	6.39	10.53	176.26
2546	1	167.76	12.46	-6.80e-03	-4.16	0.0	1044.28	2.14	-0.05	-0.34	12.46	118.32
		118.32	8.01	-2.64e-03	0.0	90.0	1044.28	-2.02	-0.05	-0.34	8.01	123.59
2546	2	135.17	10.10	-5.49e-03	-3.20	0.0	844.28	1.65	-0.04	-0.29	10.10	96.97
		96.97	6.54	-2.13e-03	0.0	90.0	844.28	-1.55	-0.04	-0.29	6.54	101.35
2546	3	126.33	9.34	-5.12e-03	-3.20	0.0	784.89	1.65	-0.04	-0.26	9.34	88.23
		88.23	5.89	-1.96e-03	0.0	90.0	784.89	-1.55	-0.04	-0.26	5.89	92.43
2546	4	108.66	7.74	-4.37e-03	-3.20	0.0	666.18	1.64	-0.03	-0.21	7.74	70.83
		70.83	4.80	-1.71e-03	0.0	90.0	666.18	-1.56	-0.03	-0.21	4.80	74.49
2546	5	108.66	7.74	-4.37e-03	-3.20	0.0	666.18	1.64	-0.03	-0.21	7.74	70.83
		70.83	4.80	-1.71e-03	0.0	90.0	666.18	-1.56	-0.03	-0.21	4.80	74.49
2547	1	287.42	12.88	0.06	-3.93	0.0	364.42	-1.42	-0.15	-10.21	12.88	287.42
		0.0	0.0	2.71e-04	0.0	85.0	364.42	-5.35	-0.15	-10.21	0.0	0.0
2547	2	234.13	10.51	0.05	-3.02	0.0	293.91	-1.24	-0.12	-8.30	10.51	234.13
		0.0	0.0	2.45e-04	0.0	85.0	293.91	-4.27	-0.12	-8.30	0.0	0.0
2547	3	215.35	9.55	0.04	-3.02	0.0	274.07	-1.02	-0.11	-7.58	9.55	215.35
		0.0	0.0	1.96e-04	0.0	85.0	274.07	-4.04	-0.11	-7.58	0.0	0.0
2547	4	177.74	7.78	0.04	-3.02	0.0	234.27	-0.58	-0.09	-6.31	7.78	177.74
		0.0	0.0	-1.22e-04	0.0	85.0	234.27	-3.60	-0.09	-6.31	0.0	0.0
2547	5	177.74	7.78	0.04	-3.02	0.0	234.27	-0.58	-0.09	-6.31	7.78	177.74
		0.0	0.0	-1.22e-04	0.0	85.0	234.27	-3.60	-0.09	-6.31	0.0	0.0
2548	1	256.43	12.62	-0.05	-3.93	0.0	477.04	4.98	0.15	8.78	0.0	0.0
		0.0	0.0	-4.99e-03	0.0	85.0	477.04	1.05	0.15	8.78	12.62	256.43
2548	2	209.25	10.23	-0.04	-3.02	0.0	384.69	3.97	0.12	7.12	0.0	0.0
		0.0	0.0	-4.03e-03	0.0	85.0	384.69	0.95	0.12	7.12	10.23	209.25
2548	3	192.12	9.37	-0.04	-3.02	0.0	358.80	3.77	0.11	6.55	0.0	0.0
		0.0	0.0	-3.71e-03	0.0	85.0	358.80	0.75	0.11	6.55	9.37	192.12
2548	4	157.74	7.72	-0.03	-3.02	0.0	307.14	3.37	0.09	5.45	0.0	0.0
		0.0	0.0	-3.13e-03	0.0	85.0	307.14	0.34	0.09	5.45	7.72	157.74
2548	5	157.74	7.72	-0.03	-3.02	0.0	307.14	3.37	0.09	5.45	0.0	0.0
		0.0	0.0	-3.13e-03	0.0	85.0	307.14	0.34	0.09	5.45	7.72	157.74
2549	1	141.11	9.70	-5.75e-03	-4.16	0.0	996.14	2.20	-0.06	-0.29	9.70	89.10
		89.10	4.47	-2.64e-03	0.0	90.0	996.14	-1.96	-0.06	-0.29	4.47	99.51
2549	2	113.62	7.86	-4.64e-03	-3.20	0.0	805.51	1.69	-0.05	-0.25	7.86	73.55
		73.55	3.68	-2.12e-03	0.0	90.0	805.51	-1.51	-0.05	-0.25	3.68	81.69
2549	3	106.29	7.25	-4.32e-03	-3.20	0.0	748.98	1.68	-0.04	-0.22	7.25	66.63
		66.63	3.24	-1.96e-03	0.0	90.0	748.98	-1.52	-0.04	-0.22	3.24	73.94
2549	4	91.63	5.99	-3.69e-03	-3.20	0.0	635.80	1.67	-0.04	-0.18	5.99	52.57
		52.57	2.54	-1.70e-03	0.0	90.0	635.80	-1.53	-0.04	-0.18	2.54	58.68
2549	5	91.63	5.99	-3.69e-03	-3.20	0.0	635.80	1.67	-0.04	-0.18	5.99	52.57
		52.57	2.54	-1.70e-03	0.0	90.0	635.80	-1.53	-0.04	-0.18	2.54	58.68
2550	1	261.05	7.61	0.05	-3.93	0.0	476.47	-1.11	-0.09	-8.59	7.61	261.05
		0.0	0.0	-7.61e-04	0.0	85.0	476.47	-5.04	-0.09	-8.59	0.0	0.0
2550	2	212.78	6.25	0.04	-3.02	0.0	384.53	-0.99	-0.07	-6.98	6.25	212.78
		0.0	0.0	-5.91e-04	0.0	85.0	384.53	-4.01	-0.07	-6.98	0.0	0.0
2550	3	195.34	5.61	0.04	-3.02	0.0	358.66	-0.79	-0.07	-6.36	5.61	195.34
		0.0	0.0	-5.77e-04	0.0	85.0	358.66	-3.81	-0.07	-6.36	0.0	0.0
2550	4	160.64	4.42	0.03	-3.02	0.0	306.56	-0.38	-0.05	-5.29	4.42	160.64
		0.0	0.0	-5.93e-04	0.0	85.0	306.56	-3.40	-0.05	-5.29	0.0	0.0
2550	5	160.64	4.42	0.03	-3.02	0.0	306.56	-0.38	-0.05	-5.29	4.42	160.64

		0.0	0.0	-5.93e-04	0.0	85.0	306.56	-3.40	-0.05	-5.29	0.0	0.0
2551	1	246.49	8.99	-0.05	-3.93	0.0	503.55	4.86	0.11	6.44	0.0	0.0
		0.0	0.0	-4.20e-03	0.0	85.0	503.55	0.94	0.11	6.44	8.99	246.49
2551	2	201.13	7.30	-0.04	-3.02	0.0	406.41	3.88	0.09	5.23	0.0	0.0
		0.0	0.0	-3.39e-03	0.0	85.0	406.41	0.85	0.09	5.23	7.30	201.13
2551	3	184.52	6.65	-0.04	-3.02	0.0	379.06	3.68	0.08	4.79	0.0	0.0
		0.0	0.0	-3.11e-03	0.0	85.0	379.06	0.66	0.08	4.79	6.65	184.52
2551	4	151.22	5.42	-0.03	-3.02	0.0	324.44	3.29	0.06	3.96	0.0	0.0
		0.0	0.0	-2.63e-03	0.0	85.0	324.44	0.27	0.06	3.96	5.42	151.22
2551	5	151.22	5.42	-0.03	-3.02	0.0	324.44	3.29	0.06	3.96	0.0	0.0
		0.0	0.0	-2.63e-03	0.0	85.0	324.44	0.27	0.06	3.96	5.42	151.22
2552	1	139.62	7.31	-5.80e-03	-4.16	0.0	995.74	2.26	-0.07	-0.12	7.31	84.59
		84.59	1.08	-2.63e-03	0.0	90.0	995.74	-1.90	-0.07	-0.12	1.08	100.52
2552	2	112.46	5.94	-4.69e-03	-3.20	0.0	805.23	1.74	-0.06	-0.11	5.94	69.75
		69.75	0.93	-2.12e-03	0.0	90.0	805.23	-1.46	-0.06	-0.11	0.93	82.67
2552	3	105.13	5.47	-4.37e-03	-3.20	0.0	748.62	1.73	-0.05	-0.09	5.47	63.05
		63.05	0.71	-1.95e-03	0.0	90.0	748.62	-1.47	-0.05	-0.09	0.71	74.86
2552	4	90.52	4.48	-3.73e-03	-3.20	0.0	635.41	1.71	-0.04	-0.06	4.48	49.47
		49.47	0.44	-1.70e-03	0.0	90.0	635.41	-1.49	-0.04	-0.06	0.44	59.44
2552	5	90.52	4.48	-3.73e-03	-3.20	0.0	635.41	1.71	-0.04	-0.06	4.48	49.47
		49.47	0.44	-1.70e-03	0.0	90.0	635.41	-1.49	-0.04	-0.06	0.44	59.44
2553	1	247.67	2.89	0.05	-3.93	0.0	524.51	-0.95	-0.03	-5.97	2.89	247.67
		0.0	0.0	-1.70e-03	0.0	85.0	524.51	-4.88	-0.03	-5.97	0.0	0.0
2553	2	202.09	2.42	0.04	-3.02	0.0	423.01	-0.87	-0.03	-4.87	2.42	202.09
		0.0	0.0	-1.35e-03	0.0	85.0	423.01	-3.89	-0.03	-4.87	0.0	0.0
2553	3	185.27	2.07	0.04	-3.02	0.0	394.94	-0.67	-0.02	-4.40	2.07	185.27
		0.0	0.0	-1.28e-03	0.0	85.0	394.94	-3.69	-0.02	-4.40	0.0	0.0
2553	4	151.79	1.48	0.03	-3.02	0.0	339.09	-0.27	-0.02	-3.63	1.48	151.79
		0.0	0.0	-1.18e-03	0.0	85.0	339.09	-3.30	-0.02	-3.63	0.0	0.0
2553	5	151.79	1.48	0.03	-3.02	0.0	339.09	-0.27	-0.02	-3.63	1.48	151.79
		0.0	0.0	-1.18e-03	0.0	85.0	339.09	-3.30	-0.02	-3.63	0.0	0.0
2554	1	287.77	5.21	-0.06	-3.93	0.0	380.51	5.35	0.06	5.12	0.0	0.0
		0.0	0.0	-3.43e-03	0.0	85.0	380.51	1.42	0.06	5.12	5.21	287.77
2554	2	234.36	4.24	-0.05	-3.02	0.0	307.13	4.27	0.05	4.17	0.0	0.0
		0.0	0.0	-2.77e-03	0.0	85.0	307.13	1.25	0.05	4.17	4.24	234.36
2554	3	215.60	3.84	-0.04	-3.02	0.0	286.32	4.05	0.05	3.81	0.0	0.0
		0.0	0.0	-2.54e-03	0.0	85.0	286.32	1.03	0.05	3.81	3.84	215.60
2554	4	177.93	3.10	-0.04	-3.02	0.0	244.76	3.60	0.04	3.14	0.0	0.0
		0.0	0.0	-2.16e-03	0.0	85.0	244.76	0.58	0.04	3.14	3.10	177.93
2554	5	177.93	3.10	-0.04	-3.02	0.0	244.76	3.60	0.04	3.14	0.0	0.0
		0.0	0.0	-2.16e-03	0.0	85.0	244.76	0.58	0.04	3.14	3.10	177.93
2555	1	169.59	4.69	-6.71e-03	-4.16	0.0	1063.13	2.10	-0.06	0.13	4.69	122.08
		122.08	-1.01	-2.62e-03	0.0	90.0	1063.13	-2.06	-0.06	0.13	-1.01	123.50
2555	2	136.65	3.81	-5.42e-03	-3.20	0.0	859.77	1.62	-0.05	0.09	3.81	99.91
		99.91	-0.77	-2.11e-03	0.0	90.0	859.77	-1.58	-0.05	0.09	-0.77	101.38
2555	3	127.71	3.51	-5.04e-03	-3.20	0.0	799.23	1.61	-0.05	0.10	3.51	91.20
		91.20	-0.89	-1.95e-03	0.0	90.0	799.23	-1.59	-0.05	0.10	-0.89	92.21
2555	4	109.83	2.87	-4.30e-03	-3.20	0.0	678.12	1.61	-0.04	0.11	2.87	73.33
		73.33	-0.91	-1.69e-03	0.0	90.0	678.12	-1.59	-0.04	0.11	-0.91	74.32
2555	5	109.83	2.87	-4.30e-03	-3.20	0.0	678.12	1.61	-0.04	0.11	2.87	73.33
		73.33	-0.91	-1.69e-03	0.0	90.0	678.12	-1.59	-0.04	0.11	-0.91	74.32
2556	1	288.53	0.0	0.06	-3.93	0.0	389.86	-1.43	2.56e-03	-4.39	-0.22	288.53
		0.0	-0.22	-2.36e-03	0.0	85.0	389.86	-5.36	2.56e-03	-4.39	0.0	0.0
2556	2	235.05	0.0	0.05	-3.02	0.0	314.55	-1.25	1.26e-03	-3.59	-0.11	235.05
		0.0	-0.11	-1.89e-03	0.0	85.0	314.55	-4.28	1.26e-03	-3.59	0.0	0.0
2556	3	216.16	0.0	0.04	-3.02	0.0	293.13	-1.03	3.42e-03	-3.22	-0.29	216.16
		0.0	-0.29	-1.78e-03	0.0	85.0	293.13	-4.05	3.42e-03	-3.22	0.0	0.0
2556	4	178.43	0.0	0.04	-3.02	0.0	250.57	-0.59	5.78e-03	-2.66	-0.49	178.43
		0.0	-0.49	-1.59e-03	0.0	85.0	250.57	-3.61	5.78e-03	-2.66	0.0	0.0
2556	5	178.43	0.0	0.04	-3.02	0.0	250.57	-0.59	5.78e-03	-2.66	-0.49	178.43
		0.0	-0.49	-1.59e-03	0.0	85.0	250.57	-3.61	5.78e-03	-2.66	0.0	0.0
2557	1	292.46	1.42	-0.06	-3.93	0.0	376.80	5.41	0.02	4.82	0.0	0.0
		0.0	0.0	-2.67e-03	0.0	85.0	376.80	1.48	0.02	4.82	1.42	292.46
2557	2	238.18	1.17	-0.05	-3.02	0.0	304.13	4.31	0.01	3.92	0.0	0.0
		0.0	0.0	-2.15e-03	0.0	85.0	304.13	1.29	0.01	3.92	1.17	238.18
2557	3	219.12	1.01	-0.04	-3.02	0.0	283.49	4.09	0.01	3.59	0.0	0.0
		0.0	0.0	-1.97e-03	0.0	85.0	283.49	1.07	0.01	3.59	1.01	219.12
2557	4	180.97	0.76	-0.04	-3.02	0.0	242.23	3.64	8.99e-03	2.98	0.0	0.0
		0.0	0.0	-1.69e-03	0.0	85.0	242.23	0.62	8.99e-03	2.98	0.76	180.97
2557	5	180.97	0.76	-0.04	-3.02	0.0	242.23	3.64	8.99e-03	2.98	0.0	0.0
		0.0	0.0	-1.69e-03	0.0	85.0	242.23	0.62	8.99e-03	2.98	0.76	180.97
2558	1	170.56	1.99	-6.06e-03	-4.16	0.0	1064.21	1.92	-0.05	0.31	1.99	130.71
		116.48	-2.84	-2.61e-03	0.0	90.0	1064.21	-2.24	-0.05	0.31	-2.84	116.48
2558	2	137.45	1.62	-4.90e-03	-3.20	0.0	860.54	1.47	-0.04	0.25	1.62	107.05
		95.53	-2.26	-2.10e-03	0.0	90.0	860.54	-1.73	-0.04	0.25	-2.26	95.53
2558	3	128.42	1.50	-4.56e-03	-3.20	0.0	800.02	1.48	-0.04	0.25	1.50	97.66
		86.96	-2.27	-1.94e-03	0.0	90.0	800.02	-1.72	-0.04	0.25	-2.27	86.96

2558	4	110.35	1.21	-3.89e-03	-3.20	0.0	678.86	1.50	-0.04	0.23	1.21	78.89
		69.80	-2.06	-1.69e-03	0.0	90.0	678.86	-1.70	-0.04	0.23	-2.06	69.80
2558	5	110.35	1.21	-3.89e-03	-3.20	0.0	678.86	1.50	-0.04	0.23	1.21	78.89
		69.80	-2.06	-1.69e-03	0.0	90.0	678.86	-1.70	-0.04	0.23	-2.06	69.80
2559	1	289.25	0.0	0.06	-3.93	0.0	374.15	-1.44	0.03	-4.27	-2.80	289.25
		0.0	-2.80	-2.94e-03	0.0	85.0	374.15	-5.37	0.03	-4.27	0.0	0.0
2559	2	235.58	0.0	0.05	-3.02	0.0	301.97	-1.26	0.03	-3.48	-2.21	235.58
		0.0	-2.21	-2.36e-03	0.0	85.0	301.97	-4.28	0.03	-3.48	0.0	0.0
2559	3	216.69	0.0	0.04	-3.02	0.0	281.53	-1.04	0.03	-3.11	-2.24	216.69
		0.0	-2.24	-2.21e-03	0.0	85.0	281.53	-4.06	0.03	-3.11	0.0	0.0
2559	4	178.88	0.0	0.04	-3.02	0.0	240.53	-0.59	0.02	-2.61	-2.11	178.88
		0.0	-2.11	-1.96e-03	0.0	85.0	240.53	-3.62	0.02	-2.61	0.0	0.0
2559	5	178.88	0.0	0.04	-3.02	0.0	240.53	-0.59	0.02	-2.61	-2.11	178.88
		0.0	-2.11	-1.96e-03	0.0	85.0	240.53	-3.62	0.02	-2.61	0.0	0.0
2560	1	263.06	0.0	-0.05	-3.93	0.0	488.29	5.06	-0.03	3.55	0.0	0.0
		0.0	-2.33	-1.91e-03	0.0	85.0	488.29	1.13	-0.03	3.55	-2.33	263.06
2560	2	214.50	0.0	-0.04	-3.02	0.0	393.99	4.03	-0.02	2.89	0.0	0.0
		0.0	-1.87	-1.54e-03	0.0	85.0	393.99	1.01	-0.02	2.89	-1.87	214.50
2560	3	197.02	0.0	-0.04	-3.02	0.0	367.56	3.83	-0.02	2.64	0.0	0.0
		0.0	-1.79	-1.40e-03	0.0	85.0	367.56	0.81	-0.02	2.64	-1.79	197.02
2560	4	162.13	0.0	-0.03	-3.02	0.0	314.52	3.42	-0.02	2.20	0.0	0.0
		0.0	-1.55	-1.22e-03	0.0	85.0	314.52	0.40	-0.02	2.20	-1.55	162.13
2560	5	162.13	0.0	-0.03	-3.02	0.0	314.52	3.42	-0.02	2.20	0.0	0.0
		0.0	-1.55	-1.22e-03	0.0	85.0	314.52	0.40	-0.02	2.20	-1.55	162.13
2561	1	142.40	-0.81	-4.16e-03	-4.16	0.0	996.94	1.87	-0.04	0.40	-0.81	104.50
		85.82	-4.46	-2.60e-03	0.0	90.0	996.94	-2.29	-0.04	0.40	-4.46	85.82
2561	2	114.70	-0.66	-3.36e-03	-3.20	0.0	806.00	1.43	-0.03	0.32	-0.66	85.90
		70.72	-3.59	-2.09e-03	0.0	90.0	806.00	-1.77	-0.03	0.32	-3.59	70.72
2561	3	107.26	-0.60	-3.13e-03	-3.20	0.0	749.54	1.44	-0.03	0.33	-0.60	78.03
		63.83	-3.49	-1.93e-03	0.0	90.0	749.54	-1.76	-0.03	0.33	-3.49	63.83
2561	4	92.35	-0.53	-2.67e-03	-3.20	0.0	636.32	1.47	-0.03	0.30	-0.53	62.19
		50.11	-3.09	-1.68e-03	0.0	90.0	636.32	-1.73	-0.03	0.30	-3.09	50.11
2561	5	92.35	-0.53	-2.67e-03	-3.20	0.0	636.32	1.47	-0.03	0.30	-0.53	62.19
		50.11	-3.09	-1.68e-03	0.0	90.0	636.32	-1.73	-0.03	0.30	-3.09	50.11
2562	1	259.97	0.0	0.05	-3.93	0.0	464.12	-1.09	0.06	-3.55	-4.91	259.97
		0.0	-4.91	-3.45e-03	0.0	85.0	464.12	-5.02	0.06	-3.55	0.0	0.0
2562	2	211.97	0.0	0.04	-3.02	0.0	374.41	-0.98	0.05	-2.89	-3.94	211.97
		0.0	-3.94	-2.78e-03	0.0	85.0	374.41	-4.01	0.05	-2.89	0.0	0.0
2562	3	194.64	0.0	0.04	-3.02	0.0	349.19	-0.78	0.05	-2.56	-3.84	194.64
		0.0	-3.84	-2.60e-03	0.0	85.0	349.19	-3.80	0.05	-2.56	0.0	0.0
2562	4	159.82	0.0	0.03	-3.02	0.0	299.02	-0.37	0.04	-2.17	-3.44	159.82
		0.0	-3.44	-2.28e-03	0.0	85.0	299.02	-3.39	0.04	-2.17	0.0	0.0
2562	5	159.82	0.0	0.03	-3.02	0.0	299.02	-0.37	0.04	-2.17	-3.44	159.82
		0.0	-3.44	-2.28e-03	0.0	85.0	299.02	-3.39	0.04	-2.17	0.0	0.0
2563	1	254.59	0.0	-0.04	-3.93	0.0	501.78	4.96	-0.08	1.45	0.0	0.0
		0.0	-6.55	-1.07e-03	0.0	85.0	501.78	1.03	-0.08	1.45	-6.55	254.59
2563	2	207.69	0.0	-0.04	-3.02	0.0	404.89	3.95	-0.06	1.18	0.0	0.0
		0.0	-5.28	-8.63e-04	0.0	85.0	404.89	0.93	-0.06	1.18	-5.28	207.69
2563	3	190.59	0.0	-0.03	-3.02	0.0	377.48	3.75	-0.06	1.07	0.0	0.0
		0.0	-4.95	-7.78e-04	0.0	85.0	377.48	0.73	-0.06	1.07	-4.95	190.59
2563	4	156.41	0.0	-0.03	-3.02	0.0	322.87	3.35	-0.05	0.89	0.0	0.0
		0.0	-4.20	-6.94e-04	0.0	85.0	322.87	0.33	-0.05	0.89	-4.20	156.41
2563	5	156.41	0.0	-0.03	-3.02	0.0	322.87	3.35	-0.05	0.89	0.0	0.0
		0.0	-4.20	-6.94e-04	0.0	85.0	322.87	0.33	-0.05	0.89	-4.20	156.41
2564	1	139.41	-4.13	4.99e-03	-4.16	0.0	979.38	1.88	-0.02	0.25	-4.13	101.07
		83.39	-5.57	-2.59e-03	0.0	90.0	979.38	-2.28	-0.02	0.25	-5.57	83.39
2564	2	112.31	-3.34	4.03e-03	-3.20	0.0	791.95	1.44	-0.01	0.20	-3.34	83.21
		68.71	-4.49	-2.09e-03	0.0	90.0	791.95	-1.76	-0.01	0.20	-4.49	68.71
2564	3	105.00	-3.08	3.76e-03	-3.20	0.0	736.48	1.45	-0.01	0.22	-3.08	75.30
		62.17	-4.33	-1.93e-03	0.0	90.0	736.48	-1.75	-0.01	0.22	-4.33	62.17
2564	4	90.36	-2.62	3.20e-03	-3.20	0.0	624.80	1.48	-0.01	0.21	-2.62	59.61
		48.88	-3.78	-1.68e-03	0.0	90.0	624.80	-1.72	-0.01	0.21	-3.78	48.88
2564	5	90.36	-2.62	3.20e-03	-3.20	0.0	624.80	1.48	-0.01	0.21	-2.62	59.61
		48.88	-3.78	-1.68e-03	0.0	90.0	624.80	-1.72	-0.01	0.21	-3.78	48.88
2565	1	240.20	0.0	0.05	-3.93	0.0	491.98	-0.86	0.08	-1.88	-6.40	240.20
		0.0	-6.40	-3.88e-03	0.0	85.0	491.98	-4.79	0.08	-1.88	0.0	0.0
2565	2	196.05	0.0	0.04	-3.02	0.0	396.87	-0.80	0.06	-1.53	-5.16	196.05
		0.0	-5.16	-3.13e-03	0.0	85.0	396.87	-3.82	0.06	-1.53	0.0	0.0
2565	3	179.83	0.0	0.04	-3.02	0.0	370.38	-0.60	0.06	-1.31	-4.97	179.83
		0.0	-4.97	-2.93e-03	0.0	85.0	370.38	-3.63	0.06	-1.31	0.0	0.0
2565	4	147.17	0.0	0.03	-3.02	0.0	317.09	-0.22	0.05	-1.14	-4.37	147.17
		0.0	-4.37	-2.55e-03	0.0	85.0	317.09	-3.24	0.05	-1.14	0.0	0.0
2565	5	147.17	0.0	0.03	-3.02	0.0	317.09	-0.22	0.05	-1.14	-4.37	147.17
		0.0	-4.37	-2.55e-03	0.0	85.0	317.09	-3.24	0.05	-1.14	0.0	0.0
2566	1	259.24	0.0	-0.05	-3.93	0.0	438.74	5.01	-0.14	-0.22	0.0	0.0
		0.0	-11.54	1.45e-04	0.0	85.0	438.74	1.09	-0.14	-0.22	-11.54	259.24
2566	2	211.44	0.0	-0.04	-3.02	0.0	354.26	4.00	-0.11	-0.18	0.0	0.0

		0.0	-9.32	1.20e-04	0.0	85.0	354.26	0.98	-0.11	-0.18	-9.32	211.44
2566	3	194.08	0.0	-0.03	-3.02	0.0	330.04	3.79	-0.10	-0.18	0.0	0.0
		0.0	-8.70	1.23e-04	0.0	85.0	330.04	0.77	-0.10	-0.18	-8.70	194.08
2566	4	159.32	0.0	-0.03	-3.02	0.0	281.60	3.39	-0.09	-0.15	0.0	0.0
		0.0	-7.38	-1.01e-04	0.0	85.0	281.60	0.36	-0.09	-0.15	-7.38	159.32
2566	5	159.32	0.0	-0.03	-3.02	0.0	281.60	3.39	-0.09	-0.15	0.0	0.0
		0.0	-7.38	-1.01e-04	0.0	85.0	281.60	0.36	-0.09	-0.15	-7.38	159.32
2567	1	164.00	-6.01	8.46e-03	-4.16	0.0	1033.37	2.01	0.02	-0.35	-8.04	120.46
		113.93	-8.04	-2.58e-03	0.0	90.0	1033.37	-2.15	0.02	-0.35	-6.01	113.93
2567	2	132.16	-4.86	6.83e-03	-3.20	0.0	835.84	1.54	0.02	-0.28	-6.50	98.86
		93.45	-6.50	-2.08e-03	0.0	90.0	835.84	-1.66	0.02	-0.28	-4.86	93.45
2567	3	123.49	-4.65	6.37e-03	-3.20	0.0	776.71	1.55	0.02	-0.23	-6.02	89.92
		85.05	-6.02	-1.92e-03	0.0	90.0	776.71	-1.65	0.02	-0.23	-4.65	85.05
2567	4	106.13	-4.01	5.45e-03	-3.20	0.0	658.38	1.56	0.01	-0.17	-5.12	71.95
		68.31	-5.12	-1.67e-03	0.0	90.0	658.38	-1.64	0.01	-0.17	-4.01	68.31
2567	5	106.13	-4.01	5.45e-03	-3.20	0.0	658.38	1.56	0.01	-0.17	-5.12	71.95
		68.31	-5.12	-1.67e-03	0.0	90.0	658.38	-1.64	0.01	-0.17	-4.01	68.31
2568	1	277.97	0.0	0.06	-3.93	0.0	358.53	-1.31	0.09	-1.30	-7.38	277.97
		0.0	-7.38	-4.22e-03	0.0	85.0	358.53	-5.24	0.09	-1.30	0.0	0.0
2568	2	226.53	0.0	0.05	-3.02	0.0	289.40	-1.15	0.07	-1.05	-5.97	226.53
		0.0	-5.97	-3.41e-03	0.0	85.0	289.40	-4.18	0.07	-1.05	0.0	0.0
2568	3	208.17	0.0	0.05	-3.02	0.0	269.73	-0.94	0.07	-0.87	-5.70	208.17
		0.0	-5.70	-3.18e-03	0.0	85.0	269.73	-3.96	0.07	-0.87	0.0	0.0
2568	4	171.47	0.0	0.04	-3.02	0.0	230.48	-0.51	0.06	-0.80	-4.92	171.47
		0.0	-4.92	-2.75e-03	0.0	85.0	230.48	-3.53	0.06	-0.80	0.0	0.0
2568	5	171.47	0.0	0.04	-3.02	0.0	230.48	-0.51	0.06	-0.80	-4.92	171.47
		0.0	-4.92	-2.75e-03	0.0	85.0	230.48	-3.53	0.06	-0.80	0.0	0.0
2569	1	285.06	0.0	-0.05	-3.93	0.0	394.65	5.32	-0.18	-0.69	0.0	0.0
		0.0	-15.22	6.50e-04	0.0	85.0	394.65	1.39	-0.18	-0.69	-15.22	285.06
2569	2	232.27	0.0	-0.04	-3.02	0.0	318.70	4.24	-0.14	-0.56	0.0	0.0
		0.0	-12.31	5.32e-04	0.0	85.0	318.70	1.22	-0.14	-0.56	-12.31	232.27
2569	3	213.49	0.0	-0.04	-3.02	0.0	296.85	4.02	-0.13	-0.53	0.0	0.0
		0.0	-11.46	5.08e-04	0.0	85.0	296.85	1.00	-0.13	-0.53	-11.46	213.49
2569	4	175.95	0.0	-0.03	-3.02	0.0	253.14	3.58	-0.11	-0.44	0.0	0.0
		0.0	-9.70	4.01e-04	0.0	85.0	253.14	0.56	-0.11	-0.44	-9.70	175.95
2569	5	175.95	0.0	-0.03	-3.02	0.0	253.14	3.58	-0.11	-0.44	0.0	0.0
		0.0	-9.70	4.01e-04	0.0	85.0	253.14	0.56	-0.11	-0.44	-9.70	175.95
2570	1	172.08	-6.30	7.12e-03	-4.16	0.0	1065.97	2.06	0.05	-1.21	-10.81	125.99
		124.56	-10.81	-2.57e-03	0.0	90.0	1065.97	-2.10	0.05	-1.21	-6.30	124.56
2570	2	138.69	-5.12	5.74e-03	-3.20	0.0	862.20	1.59	0.04	-0.98	-8.74	103.30
		102.08	-8.74	-2.07e-03	0.0	90.0	862.20	-1.61	0.04	-0.98	-5.12	102.08
2570	3	129.57	-4.87	5.36e-03	-3.20	0.0	801.19	1.59	0.04	-0.87	-8.10	94.04
		93.08	-8.10	-1.91e-03	0.0	90.0	801.19	-1.61	0.04	-0.87	-4.87	93.08
2570	4	111.31	-4.15	4.59e-03	-3.20	0.0	679.25	1.59	0.03	-0.73	-6.87	75.55
		75.07	-6.87	-1.67e-03	0.0	90.0	679.25	-1.61	0.03	-0.73	-4.15	75.07
2570	5	111.31	-4.15	4.59e-03	-3.20	0.0	679.25	1.59	0.03	-0.73	-6.87	75.55
		75.07	-6.87	-1.67e-03	0.0	90.0	679.25	-1.61	0.03	-0.73	-4.15	75.07
2571	1	285.42	0.0	0.06	-3.93	0.0	354.68	-1.39	0.10	-2.34	-8.20	285.42
		0.0	-8.20	-4.47e-03	0.0	85.0	354.68	-5.32	0.10	-2.34	0.0	0.0
2571	2	232.58	0.0	0.05	-3.02	0.0	286.28	-1.22	0.08	-1.89	-6.66	232.58
		0.0	-6.66	-3.61e-03	0.0	85.0	286.28	-4.25	0.08	-1.89	0.0	0.0
2571	3	213.80	0.0	0.05	-3.02	0.0	266.76	-1.00	0.07	-1.65	-6.31	213.80
		0.0	-6.31	-3.36e-03	0.0	85.0	266.76	-4.03	0.07	-1.65	0.0	0.0
2571	4	176.23	0.0	0.04	-3.02	0.0	227.85	-0.56	0.06	-1.50	-5.36	176.23
		0.0	-5.36	-2.90e-03	0.0	85.0	227.85	-3.58	0.06	-1.50	0.0	0.0
2571	5	176.23	0.0	0.04	-3.02	0.0	227.85	-0.56	0.06	-1.50	-5.36	176.23
		0.0	-5.36	-2.90e-03	0.0	85.0	227.85	-3.58	0.06	-1.50	0.0	0.0
2572	1	305.08	0.0	-0.06	-3.93	0.0	380.94	5.55	-0.21	6.18e-03	0.0	0.0
		0.0	-17.49	1.02e-03	0.0	85.0	380.94	1.62	-0.21	6.18e-03	-17.49	305.08
2572	2	248.34	0.0	-0.04	-3.02	0.0	307.46	4.43	-0.17	8.37e-03	0.0	0.0
		0.0	-14.16	8.38e-04	0.0	85.0	307.46	1.41	-0.17	8.37e-03	-14.16	248.34
2572	3	228.56	0.0	-0.04	-3.02	0.0	286.74	4.20	-0.15	-2.10e-03	0.0	0.0
		0.0	-13.15	7.90e-04	0.0	85.0	286.74	1.18	-0.15	-2.10e-03	-13.15	228.56
2572	4	189.06	0.0	-0.04	-3.02	0.0	245.15	3.74	-0.13	0.01	0.0	0.0
		0.0	-11.10	6.31e-04	0.0	85.0	245.15	0.71	-0.13	0.01	-11.10	189.06
2572	5	189.06	0.0	-0.04	-3.02	0.0	245.15	3.74	-0.13	0.01	0.0	0.0
		0.0	-11.10	6.31e-04	0.0	85.0	245.15	0.71	-0.13	0.01	-11.10	189.06
2573	1	174.76	-6.59	-4.87e-03	-4.16	0.0	1072.20	1.87	0.07	-1.78	-12.57	136.94
		118.07	-12.57	-2.57e-03	0.0	90.0	1072.20	-2.29	0.07	-1.78	-6.59	118.07
2573	2	140.84	-5.35	-3.94e-03	-3.20	0.0	866.98	1.43	0.05	-1.44	-10.17	112.08
		96.80	-10.17	-2.07e-03	0.0	90.0	866.98	-1.77	0.05	-1.44	-5.35	96.80
2573	3	131.57	-5.07	-3.66e-03	-3.20	0.0	806.08	1.44	0.05	-1.29	-9.41	102.34
		88.15	-9.41	-1.91e-03	0.0	90.0	806.08	-1.76	0.05	-1.29	-5.07	88.15
2573	4	113.05	-4.31	-3.12e-03	-3.20	0.0	684.25	1.47	0.04	-1.10	-7.97	82.83
		70.89	-7.97	-1.66e-03	0.0	90.0	684.25	-1.73	0.04	-1.10	-4.31	70.89
2573	5	113.05	-4.31	-3.12e-03	-3.20	0.0	684.25	1.47	0.04	-1.10	-7.97	82.83
		70.89	-7.97	-1.66e-03	0.0	90.0	684.25	-1.73	0.04	-1.10	-4.31	70.89



2574	1	282.94	0.0	0.06	-3.93	0.0	364.49	-1.36	0.10	-3.80	-8.77	282.94
		0.0	-8.77	-4.64e-03	0.0	85.0	364.49	-5.29	0.10	-3.80	0.0	0.0
2574	2	230.48	0.0	0.05	-3.02	0.0	294.18	-1.20	0.08	-3.06	-7.13	230.48
		0.0	-7.13	-3.75e-03	0.0	85.0	294.18	-4.22	0.08	-3.06	0.0	0.0
2574	3	211.93	0.0	0.05	-3.02	0.0	274.35	-0.98	0.08	-2.75	-6.72	211.93
		0.0	-6.72	-3.49e-03	0.0	85.0	274.35	-4.00	0.08	-2.75	0.0	0.0
2574	4	174.86	0.0	0.04	-3.02	0.0	234.50	-0.55	0.07	-2.46	-5.69	174.86
		0.0	-5.69	-3.00e-03	0.0	85.0	234.50	-3.57	0.07	-2.46	0.0	0.0
2574	5	174.86	0.0	0.04	-3.02	0.0	234.50	-0.55	0.07	-2.46	-5.69	174.86
		0.0	-5.69	-3.00e-03	0.0	85.0	234.50	-3.57	0.07	-2.46	0.0	0.0
2575	1	263.30	0.0	-0.05	-3.93	0.0	439.85	5.06	-0.22	1.04	0.0	0.0
		0.0	-18.55	1.24e-03	0.0	85.0	439.85	1.13	-0.22	1.04	-18.55	263.30
2575	2	214.62	0.0	-0.04	-3.02	0.0	354.53	4.04	-0.18	0.84	0.0	0.0
		0.0	-15.04	1.02e-03	0.0	85.0	354.53	1.01	-0.18	0.84	-15.04	214.62
2575	3	197.13	0.0	-0.04	-3.02	0.0	331.19	3.83	-0.16	0.78	0.0	0.0
		0.0	-13.95	9.54e-04	0.0	85.0	331.19	0.81	-0.16	0.78	-13.95	197.13
2575	4	162.22	0.0	-0.03	-3.02	0.0	284.29	3.42	-0.14	0.69	0.0	0.0
		0.0	-11.74	7.63e-04	0.0	85.0	284.29	0.40	-0.14	0.69	-11.74	162.22
2575	5	162.22	0.0	-0.03	-3.02	0.0	284.29	3.42	-0.14	0.69	0.0	0.0
		0.0	-11.74	7.63e-04	0.0	85.0	284.29	0.40	-0.14	0.69	-11.74	162.22
2576	1	137.02	-6.88	-4.74e-03	-4.16	0.0	964.61	1.84	0.08	-2.01	-13.64	100.23
		78.99	-13.64	-2.56e-03	0.0	90.0	964.61	-2.32	0.08	-2.01	-6.88	78.99
2576	2	110.32	-5.59	-3.83e-03	-3.20	0.0	779.61	1.41	0.06	-1.62	-11.05	82.38
		65.23	-11.05	-2.07e-03	0.0	90.0	779.61	-1.79	0.06	-1.62	-5.59	65.23
2576	3	103.21	-5.28	-3.57e-03	-3.20	0.0	725.15	1.42	0.05	-1.46	-10.23	74.72
		58.81	-10.23	-1.91e-03	0.0	90.0	725.15	-1.78	0.05	-1.46	-5.28	58.81
2576	4	89.00	-4.50	-3.05e-03	-3.20	0.0	616.34	1.45	0.05	-1.24	-8.63	59.50
		45.92	-8.63	-1.66e-03	0.0	90.0	616.34	-1.75	0.05	-1.24	-4.50	45.92
2576	5	89.00	-4.50	-3.05e-03	-3.20	0.0	616.34	1.45	0.05	-1.24	-8.63	59.50
		45.92	-8.63	-1.66e-03	0.0	90.0	616.34	-1.75	0.05	-1.24	-4.50	45.92
2577	1	256.99	0.0	0.05	-3.93	0.0	449.80	-1.06	0.10	-4.93	-8.92	256.99
		0.0	-8.92	-4.74e-03	0.0	85.0	449.80	-4.99	0.10	-4.93	0.0	0.0
2577	2	209.55	0.0	0.04	-3.02	0.0	362.59	-0.95	0.09	-3.98	-7.25	209.55
		0.0	-7.25	-3.83e-03	0.0	85.0	362.59	-3.98	0.09	-3.98	0.0	0.0
2577	3	192.42	0.0	0.04	-3.02	0.0	338.64	-0.75	0.08	-3.60	-6.83	192.42
		0.0	-6.83	-3.56e-03	0.0	85.0	338.64	-3.78	0.08	-3.60	0.0	0.0
2577	4	158.18	0.0	0.03	-3.02	0.0	290.56	-0.35	0.07	-3.19	-5.78	158.18
		0.0	-5.78	-3.06e-03	0.0	85.0	290.56	-3.37	0.07	-3.19	0.0	0.0
2577	5	158.18	0.0	0.03	-3.02	0.0	290.56	-0.35	0.07	-3.19	-5.78	158.18
		0.0	-5.78	-3.06e-03	0.0	85.0	290.56	-3.37	0.07	-3.19	0.0	0.0
2578	1	199.71	0.0	-0.04	-3.93	0.0	428.79	4.31	-0.21	1.14	0.0	0.0
		0.0	-18.15	1.20e-03	0.0	85.0	428.79	0.38	-0.21	1.14	-18.15	199.71
2578	2	163.16	0.0	-0.03	-3.02	0.0	345.72	3.43	-0.17	0.92	0.0	0.0
		0.0	-14.72	9.81e-04	0.0	85.0	345.72	0.41	-0.17	0.92	-14.72	163.16
2578	3	149.33	0.0	-0.03	-3.02	0.0	322.72	3.27	-0.16	0.85	0.0	0.0
		0.0	-13.65	9.21e-04	0.0	85.0	322.72	0.25	-0.16	0.85	-13.65	149.33
2578	4	121.77	0.0	-0.03	-3.02	0.0	277.08	2.94	-0.14	0.77	0.0	0.0
		0.0	-11.48	7.34e-04	0.0	85.0	277.08	-0.08	-0.14	0.77	-11.48	121.77
2578	5	121.77	0.0	-0.03	-3.02	0.0	277.08	2.94	-0.14	0.77	0.0	0.0
		0.0	-11.48	7.34e-04	0.0	85.0	277.08	-0.08	-0.14	0.77	-11.48	121.77
2579	1	118.01	-6.95	-5.41e-03	-4.16	0.0	825.84	2.21	0.07	-1.93	-13.51	65.17
		65.17	-13.51	-2.56e-03	0.0	90.0	825.84	-1.95	0.07	-1.93	-6.95	77.19
2579	2	94.92	-5.64	-4.36e-03	-3.20	0.0	667.38	1.71	0.06	-1.56	-10.95	54.02
		54.02	-10.95	-2.06e-03	0.0	90.0	667.38	-1.49	0.06	-1.56	-5.64	63.73
2579	3	88.93	-5.33	-4.07e-03	-3.20	0.0	620.95	1.70	0.05	-1.40	-10.13	48.29
		48.29	-10.13	-1.90e-03	0.0	90.0	620.95	-1.50	0.05	-1.40	-5.33	57.53
2579	4	77.02	-4.55	-3.49e-03	-3.20	0.0	528.49	1.69	0.04	-1.18	-8.56	37.00
		37.00	-8.56	-1.66e-03	0.0	90.0	528.49	-1.51	0.04	-1.18	-4.55	45.02
2579	5	77.02	-4.55	-3.49e-03	-3.20	0.0	528.49	1.69	0.04	-1.18	-8.56	37.00
		37.00	-8.56	-1.66e-03	0.0	90.0	528.49	-1.51	0.04	-1.18	-4.55	45.02
2580	1	205.38	0.0	0.04	-3.93	0.0	409.02	-0.45	0.10	-5.46	-8.76	205.38
		0.0	-8.76	-4.72e-03	0.0	85.0	409.02	-4.38	0.10	-5.46	0.0	0.0
2580	2	167.71	0.0	0.03	-3.02	0.0	329.76	-0.46	0.08	-4.41	-7.13	167.71
		0.0	-7.13	-3.82e-03	0.0	85.0	329.76	-3.48	0.08	-4.41	0.0	0.0
2580	3	153.66	0.0	0.03	-3.02	0.0	307.94	-0.30	0.08	-4.00	-6.71	153.66
		0.0	-6.71	-3.55e-03	0.0	85.0	307.94	-3.32	0.08	-4.00	0.0	0.0
2580	4	125.60	0.0	0.03	-3.02	0.0	264.32	0.03	0.07	-3.56	-5.68	125.60
		0.0	-5.68	-3.05e-03	0.0	85.0	264.32	-2.99	0.07	-3.56	0.0	0.0
2580	5	125.60	0.0	0.03	-3.02	0.0	264.32	0.03	0.07	-3.56	-5.68	125.60
		0.0	-5.68	-3.05e-03	0.0	85.0	264.32	-2.99	0.07	-3.56	0.0	0.0
2581	1	162.22	0.0	-0.04	-3.93	0.0	204.67	3.87	-0.21	1.21	0.0	0.0
		0.0	-17.96	1.17e-03	0.0	85.0	204.67	-0.06	-0.21	1.21	-17.96	162.22
2581	2	132.69	0.0	-0.03	-3.02	0.0	165.01	3.07	-0.17	0.98	0.0	0.0
		0.0	-14.56	9.62e-04	0.0	85.0	165.01	0.05	-0.17	0.98	-14.56	132.69
2581	3	121.27	0.0	-0.03	-3.02	0.0	154.09	2.94	-0.16	0.90	0.0	0.0
		0.0	-13.51	9.03e-04	0.0	85.0	154.09	-0.08	-0.16	0.90	-13.51	121.27
2581	4	100.17	0.0	-0.03	-3.02	0.0	132.19	2.67	-0.13	0.81	0.0	0.0

		0.0	-11.36	7.20e-04	0.0	85.0	132.19	-0.35	-0.13	0.81	-11.36	98.43
2581	5	100.17	0.0	-0.03	-3.02	0.0	132.19	2.67	-0.13	0.81	0.0	0.0
		0.0	-11.36	7.20e-04	0.0	85.0	132.19	-0.35	-0.13	0.81	-11.36	98.43
2582	1	121.49	-6.96	-5.69e-03	-4.16	0.0	588.78	0.94	0.07	-1.91	-13.43	112.05
		9.37	-13.43	-2.56e-03	0.0	90.0	588.78	-3.22	0.07	-1.91	-6.96	9.37
2582	2	98.24	-5.65	-4.58e-03	-3.20	0.0	475.75	0.68	0.06	-1.54	-10.89	91.86
		8.86	-10.89	-2.06e-03	0.0	90.0	475.75	-2.52	0.06	-1.54	-5.65	8.86
2582	3	91.37	-5.34	-4.29e-03	-3.20	0.0	442.63	0.74	0.05	-1.38	-10.07	83.66
		6.47	-10.07	-1.90e-03	0.0	90.0	442.63	-2.46	0.05	-1.38	-5.34	6.47
2582	4	77.89	-4.56	-3.70e-03	-3.20	0.0	376.66	0.87	0.04	-1.16	-8.51	67.28
		1.70	-8.51	-1.66e-03	0.0	90.0	376.66	-2.33	0.04	-1.16	-4.56	1.70
2582	5	77.89	-4.56	-3.70e-03	-3.20	0.0	376.66	0.87	0.04	-1.16	-8.51	67.28
		1.70	-8.51	-1.66e-03	0.0	90.0	376.66	-2.33	0.04	-1.16	-4.56	1.70
2583	1	155.18	0.0	0.03	-3.93	0.0	117.05	0.14	0.10	-5.66	-8.70	155.08
		0.0	-8.70	-4.71e-03	0.0	85.0	117.05	-3.79	0.10	-5.66	0.0	0.0
2583	2	126.87	0.0	0.02	-3.02	0.0	94.44	0.02	0.08	-4.58	-7.08	126.87
		0.0	-7.08	-3.81e-03	0.0	85.0	94.44	-3.00	0.08	-4.58	0.0	0.0
2583	3	116.18	0.0	0.02	-3.02	0.0	87.96	0.15	0.08	-4.16	-6.66	115.90
		0.0	-6.66	-3.54e-03	0.0	85.0	87.96	-2.87	0.08	-4.16	0.0	0.0
2583	4	96.34	0.0	0.02	-3.02	0.0	75.25	0.40	0.07	-3.68	-5.64	94.05
		0.0	-5.64	-3.05e-03	0.0	85.0	75.25	-2.62	0.07	-3.68	0.0	0.0
2583	5	96.34	0.0	0.02	-3.02	0.0	75.25	0.40	0.07	-3.68	-5.64	94.05
		0.0	-5.64	-3.05e-03	0.0	85.0	75.25	-2.62	0.07	-3.68	0.0	0.0
2584	1	46.81	0.0	-0.03	-4.16	0.0	0.05	2.08	0.0	-1.75	0.0	0.0
		0.0	0.0	-2.68e-03	0.0	90.0	0.05	-2.08	0.0	-1.75	0.0	0.0
2584	2	36.01	0.0	-0.02	-3.20	0.0	0.04	1.60	0.0	-1.38	0.0	0.0
		0.0	0.0	-2.16e-03	0.0	90.0	0.04	-1.60	0.0	-1.38	0.0	0.0
2584	3	36.01	0.0	-0.02	-3.20	0.0	0.04	1.60	0.0	-1.33	0.0	0.0
		0.0	0.0	-2.02e-03	0.0	90.0	0.04	-1.60	0.0	-1.33	0.0	0.0
2584	4	36.01	0.0	-0.02	-3.20	0.0	0.02	1.60	0.0	-1.24	0.0	0.0
		0.0	0.0	-1.73e-03	0.0	90.0	0.02	-1.60	0.0	-1.24	0.0	0.0
2584	5	36.01	0.0	-0.02	-3.20	0.0	0.02	1.60	0.0	-1.24	0.0	0.0
		0.0	0.0	-1.73e-03	0.0	90.0	0.02	-1.60	0.0	-1.24	0.0	0.0
2585	1	46.81	0.0	-0.02	-4.16	0.0	0.25	2.08	0.0	4.44	0.0	0.0
		0.0	0.0	-3.07e-03	0.0	90.0	0.25	-2.08	0.0	4.44	0.0	0.0
2585	2	36.01	0.0	-0.02	-3.20	0.0	0.20	1.60	0.0	3.60	0.0	0.0
		0.0	0.0	-2.48e-03	0.0	90.0	0.20	-1.60	0.0	3.60	0.0	0.0
2585	3	36.01	0.0	-0.02	-3.20	0.0	0.19	1.60	0.0	3.35	0.0	0.0
		0.0	0.0	-2.33e-03	0.0	90.0	0.19	-1.60	0.0	3.35	0.0	0.0
2585	4	36.01	0.0	-0.01	-3.20	0.0	0.14	1.60	0.0	2.80	0.0	0.0
		0.0	0.0	-2.01e-03	0.0	90.0	0.14	-1.60	0.0	2.80	0.0	0.0
2585	5	36.01	0.0	-0.01	-3.20	0.0	0.14	1.60	0.0	2.80	0.0	0.0
		0.0	0.0	-2.01e-03	0.0	90.0	0.14	-1.60	0.0	2.80	0.0	0.0
2586	1	46.81	0.0	-0.02	-4.16	0.0	0.67	2.08	0.0	13.38	0.0	0.0
		0.0	0.0	-3.28e-03	0.0	90.0	0.67	-2.08	0.0	13.38	0.0	0.0
2586	2	36.01	0.0	-0.01	-3.20	0.0	0.55	1.60	0.0	10.82	0.0	0.0
		0.0	0.0	-2.64e-03	0.0	90.0	0.55	-1.60	0.0	10.82	0.0	0.0
2586	3	36.01	0.0	-0.01	-3.20	0.0	0.50	1.60	0.0	10.05	0.0	0.0
		0.0	0.0	-2.44e-03	0.0	90.0	0.50	-1.60	0.0	10.05	0.0	0.0
2586	4	36.01	0.0	-0.01	-3.20	0.0	0.40	1.60	0.0	8.53	0.0	0.0
		0.0	0.0	-2.10e-03	0.0	90.0	0.40	-1.60	0.0	8.53	0.0	0.0
2586	5	36.01	0.0	-0.01	-3.20	0.0	0.40	1.60	0.0	8.53	0.0	0.0
		0.0	0.0	-2.10e-03	0.0	90.0	0.40	-1.60	0.0	8.53	0.0	0.0
2587	1	46.81	0.0	-5.02e-03	-4.16	0.0	1.35	2.08	0.0	1.53	0.0	0.0
		0.0	0.0	-2.82e-03	0.0	90.0	1.35	-2.08	0.0	1.53	0.0	0.0
2587	2	36.01	0.0	-4.07e-03	-3.20	0.0	1.10	1.60	0.0	1.24	0.0	0.0
		0.0	0.0	-2.28e-03	0.0	90.0	1.10	-1.60	0.0	1.24	0.0	0.0
2587	3	36.01	0.0	-3.78e-03	-3.20	0.0	1.01	1.60	0.0	1.15	0.0	0.0
		0.0	0.0	-2.13e-03	0.0	90.0	1.01	-1.60	0.0	1.15	0.0	0.0
2587	4	36.01	0.0	-3.26e-03	-3.20	0.0	0.83	1.60	0.0	0.97	0.0	0.0
		0.0	0.0	-1.82e-03	0.0	90.0	0.83	-1.60	0.0	0.97	0.0	0.0
2587	5	36.01	0.0	-3.26e-03	-3.20	0.0	0.83	1.60	0.0	0.97	0.0	0.0
		0.0	0.0	-1.82e-03	0.0	90.0	0.83	-1.60	0.0	0.97	0.0	0.0
2588	1	46.81	0.0	4.03e-03	-4.16	0.0	2.21	2.08	0.0	-10.29	0.0	0.0
		0.0	0.0	-2.24e-03	0.0	90.0	2.21	-2.08	0.0	-10.29	0.0	0.0
2588	2	36.01	0.0	3.29e-03	-3.20	0.0	1.80	1.60	0.0	-8.32	0.0	0.0
		0.0	0.0	-1.83e-03	0.0	90.0	1.80	-1.60	0.0	-8.32	0.0	0.0
2588	3	36.01	0.0	3.01e-03	-3.20	0.0	1.66	1.60	0.0	-7.74	0.0	0.0
		0.0	0.0	-1.71e-03	0.0	90.0	1.66	-1.60	0.0	-7.74	0.0	0.0
2588	4	36.01	0.0	2.46e-03	-3.20	0.0	1.37	1.60	0.0	-6.59	0.0	0.0
		0.0	0.0	-1.47e-03	0.0	90.0	1.37	-1.60	0.0	-6.59	0.0	0.0
2588	5	36.01	0.0	2.46e-03	-3.20	0.0	1.37	1.60	0.0	-6.59	0.0	0.0
		0.0	0.0	-1.47e-03	0.0	90.0	1.37	-1.60	0.0	-6.59	0.0	0.0
2589	1	46.81	0.0	-2.42e-03	-4.16	0.0	3.01	2.08	0.0	-0.46	0.0	0.0
		0.0	0.0	-2.62e-03	0.0	90.0	3.01	-2.08	0.0	-0.46	0.0	0.0
2589	2	36.01	0.0	-1.90e-03	-3.20	0.0	2.44	1.60	0.0	-0.37	0.0	0.0
		0.0	0.0	-2.10e-03	0.0	90.0	2.44	-1.60	0.0	-0.37	0.0	0.0

2589	3	36.01	0.0	-1.85e-03	-3.20	0.0	2.26	1.60	0.0	-0.34	0.0	0.0
		0.0	0.0	-1.96e-03	0.0	90.0	2.26	-1.60	0.0	-0.34	0.0	0.0
2589	4	36.01	0.0	-1.76e-03	-3.20	0.0	1.87	1.60	0.0	-0.27	0.0	0.0
		0.0	0.0	-1.68e-03	0.0	90.0	1.87	-1.60	0.0	-0.27	0.0	0.0
2589	5	36.01	0.0	-1.76e-03	-3.20	0.0	1.87	1.60	0.0	-0.27	0.0	0.0
		0.0	0.0	-1.68e-03	0.0	90.0	1.87	-1.60	0.0	-0.27	0.0	0.0
2590	1	46.81	0.0	-5.46e-03	-4.16	0.0	3.54	2.08	0.0	10.91	0.0	0.0
		0.0	0.0	-2.18e-03	0.0	90.0	3.54	-2.08	0.0	10.91	0.0	0.0
2590	2	36.01	0.0	-4.44e-03	-3.20	0.0	2.88	1.60	0.0	8.82	0.0	0.0
		0.0	0.0	-1.75e-03	0.0	90.0	2.88	-1.60	0.0	8.82	0.0	0.0
2590	3	36.01	0.0	-4.08e-03	-3.20	0.0	2.66	1.60	0.0	8.20	0.0	0.0
		0.0	0.0	-1.63e-03	0.0	90.0	2.66	-1.60	0.0	8.20	0.0	0.0
2590	4	36.01	0.0	-3.43e-03	-3.20	0.0	2.20	1.60	0.0	6.95	0.0	0.0
		0.0	0.0	-1.42e-03	0.0	90.0	2.20	-1.60	0.0	6.95	0.0	0.0
2590	5	36.01	0.0	-3.43e-03	-3.20	0.0	2.20	1.60	0.0	6.95	0.0	0.0
		0.0	0.0	-1.42e-03	0.0	90.0	2.20	-1.60	0.0	6.95	0.0	0.0
2591	1	46.81	0.0	-2.38e-03	-4.16	0.0	3.82	2.08	0.0	-1.82	0.0	0.0
		0.0	0.0	-1.11e-03	0.0	90.0	3.82	-2.08	0.0	-1.82	0.0	0.0
2591	2	36.01	0.0	-1.87e-03	-3.20	0.0	3.10	1.60	0.0	-1.47	0.0	0.0
		0.0	0.0	-8.95e-04	0.0	90.0	3.10	-1.60	0.0	-1.47	0.0	0.0
2591	3	36.01	0.0	-1.82e-03	-3.20	0.0	2.87	1.60	0.0	-1.36	0.0	0.0
		0.0	0.0	-8.37e-04	0.0	90.0	2.87	-1.60	0.0	-1.36	0.0	0.0
2591	4	36.01	0.0	-1.73e-03	-3.20	0.0	2.38	1.60	0.0	-1.17	0.0	0.0
		0.0	0.0	-7.11e-04	0.0	90.0	2.38	-1.60	0.0	-1.17	0.0	0.0
2591	5	36.01	0.0	-1.73e-03	-3.20	0.0	2.38	1.60	0.0	-1.17	0.0	0.0
		0.0	0.0	-7.11e-04	0.0	90.0	2.38	-1.60	0.0	-1.17	0.0	0.0
2592	1	46.81	0.0	2.22e-03	-4.16	0.0	3.89	2.08	0.0	-14.49	0.0	0.0
		0.0	0.0	-6.96e-05	0.0	90.0	3.89	-2.08	0.0	-14.49	0.0	0.0
2592	2	36.01	0.0	1.83e-03	-3.20	0.0	3.16	1.60	0.0	-11.71	0.0	0.0
		0.0	0.0	-5.45e-05	0.0	90.0	3.16	-1.60	0.0	-11.71	0.0	0.0
2592	3	36.01	0.0	1.65e-03	-3.20	0.0	2.92	1.60	0.0	-10.88	0.0	0.0
		0.0	0.0	-6.11e-05	0.0	90.0	2.92	-1.60	0.0	-10.88	0.0	0.0
2592	4	36.01	0.0	1.30e-03	-3.20	0.0	2.42	1.60	0.0	-9.29	0.0	0.0
		0.0	0.0	-8.44e-05	0.0	90.0	2.42	-1.60	0.0	-9.29	0.0	0.0
2592	5	36.01	0.0	1.30e-03	-3.20	0.0	2.42	1.60	0.0	-9.29	0.0	0.0
		0.0	0.0	-8.44e-05	0.0	90.0	2.42	-1.60	0.0	-9.29	0.0	0.0
2593	1	46.81	0.0	-6.44e-03	-4.16	0.0	3.63	2.08	0.0	-5.68	0.0	0.0
		0.0	0.0	2.21e-04	0.0	90.0	3.63	-2.08	0.0	-5.68	0.0	0.0
2593	2	36.01	0.0	-5.20e-03	-3.20	0.0	2.94	1.60	0.0	-4.58	0.0	0.0
		0.0	0.0	1.77e-04	0.0	90.0	2.94	-1.60	0.0	-4.58	0.0	0.0
2593	3	36.01	0.0	-4.84e-03	-3.20	0.0	2.72	1.60	0.0	-4.30	0.0	0.0
		0.0	0.0	1.81e-04	0.0	90.0	2.72	-1.60	0.0	-4.30	0.0	0.0
2593	4	36.01	0.0	-4.12e-03	-3.20	0.0	2.26	1.60	0.0	-3.68	0.0	0.0
		0.0	0.0	1.65e-04	0.0	90.0	2.26	-1.60	0.0	-3.68	0.0	0.0
2593	5	36.01	0.0	-4.12e-03	-3.20	0.0	2.26	1.60	0.0	-3.68	0.0	0.0
		0.0	0.0	1.65e-04	0.0	90.0	2.26	-1.60	0.0	-3.68	0.0	0.0
2594	1	46.81	0.0	-0.01	-4.16	0.0	3.02	2.08	0.0	0.86	0.0	0.0
		0.0	0.0	1.11e-03	0.0	90.0	3.02	-2.08	0.0	0.86	0.0	0.0
2594	2	36.01	0.0	-9.25e-03	-3.20	0.0	2.45	1.60	0.0	0.72	0.0	0.0
		0.0	0.0	8.92e-04	0.0	90.0	2.45	-1.60	0.0	0.72	0.0	0.0
2594	3	36.01	0.0	-8.56e-03	-3.20	0.0	2.27	1.60	0.0	0.64	0.0	0.0
		0.0	0.0	8.31e-04	0.0	90.0	2.27	-1.60	0.0	0.64	0.0	0.0
2594	4	36.01	0.0	-7.18e-03	-3.20	0.0	1.89	1.60	0.0	0.47	0.0	0.0
		0.0	0.0	7.21e-04	0.0	90.0	1.89	-1.60	0.0	0.47	0.0	0.0
2594	5	36.01	0.0	-7.18e-03	-3.20	0.0	1.89	1.60	0.0	0.47	0.0	0.0
		0.0	0.0	7.21e-04	0.0	90.0	1.89	-1.60	0.0	0.47	0.0	0.0
2595	1	46.81	0.0	1.21e-03	-4.16	0.0	2.26	2.08	0.0	5.88	0.0	0.0
		0.0	0.0	-2.41e-03	0.0	90.0	2.26	-2.08	0.0	5.88	0.0	0.0
2595	2	36.01	0.0	9.74e-04	-3.20	0.0	1.84	1.60	0.0	4.75	0.0	0.0
		0.0	0.0	-1.95e-03	0.0	90.0	1.84	-1.60	0.0	4.75	0.0	0.0
2595	3	36.01	0.0	9.12e-04	-3.20	0.0	1.70	1.60	0.0	4.42	0.0	0.0
		0.0	0.0	-1.82e-03	0.0	90.0	1.70	-1.60	0.0	4.42	0.0	0.0
2595	4	36.01	0.0	-8.74e-04	-3.20	0.0	1.42	1.60	0.0	3.77	0.0	0.0
		0.0	0.0	-1.56e-03	0.0	90.0	1.42	-1.60	0.0	3.77	0.0	0.0
2595	5	36.01	0.0	-8.74e-04	-3.20	0.0	1.42	1.60	0.0	3.77	0.0	0.0
		0.0	0.0	-1.56e-03	0.0	90.0	1.42	-1.60	0.0	3.77	0.0	0.0
2596	1	46.81	0.0	5.65e-03	-4.16	0.0	1.57	2.08	0.0	8.14	0.0	0.0
		0.0	0.0	-6.30e-03	0.0	90.0	1.57	-2.08	0.0	8.14	0.0	0.0
2596	2	36.01	0.0	4.60e-03	-3.20	0.0	1.27	1.60	0.0	6.55	0.0	0.0
		0.0	0.0	-5.08e-03	0.0	90.0	1.27	-1.60	0.0	6.55	0.0	0.0
2596	3	36.01	0.0	4.23e-03	-3.20	0.0	1.18	1.60	0.0	6.13	0.0	0.0
		0.0	0.0	-4.75e-03	0.0	90.0	1.18	-1.60	0.0	6.13	0.0	0.0
2596	4	36.01	0.0	3.50e-03	-3.20	0.0	0.98	1.60	0.0	5.30	0.0	0.0
		0.0	0.0	-4.09e-03	0.0	90.0	0.98	-1.60	0.0	5.30	0.0	0.0
2596	5	36.01	0.0	3.50e-03	-3.20	0.0	0.98	1.60	0.0	5.30	0.0	0.0
		0.0	0.0	-4.09e-03	0.0	90.0	0.98	-1.60	0.0	5.30	0.0	0.0
2597	1	46.81	0.0	0.01	-4.16	0.0	1.00	2.08	0.0	-6.92	0.0	0.0

		0.0	0.0	-5.15e-03	0.0	90.0	1.00	-2.08	0.0	-6.92	0.0	0.0
2597	2	36.01	0.0	0.01	-3.20	0.0	0.81	1.60	0.0	-5.61	0.0	0.0
		0.0	0.0	-4.15e-03	0.0	90.0	0.81	-1.60	0.0	-5.61	0.0	0.0
2597	3	36.01	0.0	9.73e-03	-3.20	0.0	0.75	1.60	0.0	-5.17	0.0	0.0
		0.0	0.0	-3.90e-03	0.0	90.0	0.75	-1.60	0.0	-5.17	0.0	0.0
2597	4	36.01	0.0	7.98e-03	-3.20	0.0	0.63	1.60	0.0	-4.33	0.0	0.0
		0.0	0.0	-3.36e-03	0.0	90.0	0.63	-1.60	0.0	-4.33	0.0	0.0
2597	5	36.01	0.0	7.98e-03	-3.20	0.0	0.63	1.60	0.0	-4.33	0.0	0.0
		0.0	0.0	-3.36e-03	0.0	90.0	0.63	-1.60	0.0	-4.33	0.0	0.0
2598	1	46.81	0.0	8.58e-03	-4.16	0.0	0.53	2.08	0.0	-2.73	0.0	0.0
		0.0	0.0	-5.51e-03	0.0	90.0	0.53	-2.08	0.0	-2.73	0.0	0.0
2598	2	36.01	0.0	7.03e-03	-3.20	0.0	0.43	1.60	0.0	-2.23	0.0	0.0
		0.0	0.0	-4.44e-03	0.0	90.0	0.43	-1.60	0.0	-2.23	0.0	0.0
2598	3	36.01	0.0	6.41e-03	-3.20	0.0	0.40	1.60	0.0	-2.07	0.0	0.0
		0.0	0.0	-4.13e-03	0.0	90.0	0.40	-1.60	0.0	-2.07	0.0	0.0
2598	4	36.01	0.0	5.18e-03	-3.20	0.0	0.33	1.60	0.0	-1.67	0.0	0.0
		0.0	0.0	-3.57e-03	0.0	90.0	0.33	-1.60	0.0	-1.67	0.0	0.0
2598	5	36.01	0.0	5.18e-03	-3.20	0.0	0.33	1.60	0.0	-1.67	0.0	0.0
		0.0	0.0	-3.57e-03	0.0	90.0	0.33	-1.60	0.0	-1.67	0.0	0.0
2599	1	46.81	0.0	0.02	-4.16	0.0	0.20	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-7.31e-03	0.0	90.0	0.20	-2.08	0.0	0.0	0.0	0.0
2599	2	36.01	0.0	0.01	-3.20	0.0	0.16	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.89e-03	0.0	90.0	0.16	-1.60	0.0	0.0	0.0	0.0
2599	3	36.01	0.0	0.01	-3.20	0.0	0.15	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.52e-03	0.0	90.0	0.15	-1.60	0.0	0.0	0.0	0.0
2599	4	36.01	0.0	9.87e-03	-3.20	0.0	0.12	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.75e-03	0.0	90.0	0.12	-1.60	0.0	0.0	0.0	0.0
2599	5	36.01	0.0	9.87e-03	-3.20	0.0	0.12	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.75e-03	0.0	90.0	0.12	-1.60	0.0	0.0	0.0	0.0
2600	1	46.81	0.0	-0.03	-4.16	0.0	-0.05	2.08	0.0	2.27	0.0	0.0
		0.0	0.0	-1.90e-03	0.0	90.0	-0.05	-2.08	0.0	2.27	0.0	0.0
2600	2	36.01	0.0	-0.02	-3.20	0.0	-0.04	1.60	0.0	1.80	0.0	0.0
		0.0	0.0	-1.53e-03	0.0	90.0	-0.04	-1.60	0.0	1.80	0.0	0.0
2600	3	36.01	0.0	-0.02	-3.20	0.0	-0.04	1.60	0.0	1.72	0.0	0.0
		0.0	0.0	-1.44e-03	0.0	90.0	-0.04	-1.60	0.0	1.72	0.0	0.0
2600	4	36.01	0.0	-0.02	-3.20	0.0	-0.04	1.60	0.0	1.55	0.0	0.0
		0.0	0.0	-1.25e-03	0.0	90.0	-0.04	-1.60	0.0	1.55	0.0	0.0
2600	5	36.01	0.0	-0.02	-3.20	0.0	-0.04	1.60	0.0	1.55	0.0	0.0
		0.0	0.0	-1.25e-03	0.0	90.0	-0.04	-1.60	0.0	1.55	0.0	0.0
2601	1	46.81	0.0	-0.02	-4.16	0.0	0.04	2.08	0.0	-3.82	0.0	0.0
		0.0	0.0	-2.25e-03	0.0	90.0	0.04	-2.08	0.0	-3.82	0.0	0.0
2601	2	36.01	0.0	-0.02	-3.20	0.0	0.04	1.60	0.0	-3.11	0.0	0.0
		0.0	0.0	-1.82e-03	0.0	90.0	0.04	-1.60	0.0	-3.11	0.0	0.0
2601	3	36.01	0.0	-0.02	-3.20	0.0	0.03	1.60	0.0	-2.84	0.0	0.0
		0.0	0.0	-1.72e-03	0.0	90.0	0.03	-1.60	0.0	-2.84	0.0	0.0
2601	4	36.01	0.0	-0.01	-3.20	0.0	0.02	1.60	0.0	-2.34	0.0	0.0
		0.0	0.0	-1.50e-03	0.0	90.0	0.02	-1.60	0.0	-2.34	0.0	0.0
2601	5	36.01	0.0	-0.01	-3.20	0.0	0.02	1.60	0.0	-2.34	0.0	0.0
		0.0	0.0	-1.50e-03	0.0	90.0	0.02	-1.60	0.0	-2.34	0.0	0.0
2602	1	46.81	0.0	-0.02	-4.16	0.0	0.37	2.08	0.0	-13.34	0.0	0.0
		0.0	0.0	-2.21e-03	0.0	90.0	0.37	-2.08	0.0	-13.34	0.0	0.0
2602	2	36.01	0.0	-0.01	-3.20	0.0	0.30	1.60	0.0	-10.78	0.0	0.0
		0.0	0.0	-1.77e-03	0.0	90.0	0.30	-1.60	0.0	-10.78	0.0	0.0
2602	3	36.01	0.0	-0.01	-3.20	0.0	0.27	1.60	0.0	-10.05	0.0	0.0
		0.0	0.0	-1.64e-03	0.0	90.0	0.27	-1.60	0.0	-10.05	0.0	0.0
2602	4	36.01	0.0	-0.01	-3.20	0.0	0.21	1.60	0.0	-8.54	0.0	0.0
		0.0	0.0	-1.42e-03	0.0	90.0	0.21	-1.60	0.0	-8.54	0.0	0.0
2602	5	36.01	0.0	-0.01	-3.20	0.0	0.21	1.60	0.0	-8.54	0.0	0.0
		0.0	0.0	-1.42e-03	0.0	90.0	0.21	-1.60	0.0	-8.54	0.0	0.0
2603	1	46.81	0.0	-5.04e-03	-4.16	0.0	0.92	2.08	0.0	-1.65	0.0	0.0
		0.0	0.0	-2.56e-03	0.0	90.0	0.92	-2.08	0.0	-1.65	0.0	0.0
2603	2	36.01	0.0	-4.09e-03	-3.20	0.0	0.75	1.60	0.0	-1.34	0.0	0.0
		0.0	0.0	-2.07e-03	0.0	90.0	0.75	-1.60	0.0	-1.34	0.0	0.0
2603	3	36.01	0.0	-3.79e-03	-3.20	0.0	0.69	1.60	0.0	-1.25	0.0	0.0
		0.0	0.0	-1.93e-03	0.0	90.0	0.69	-1.60	0.0	-1.25	0.0	0.0
2603	4	36.01	0.0	-3.28e-03	-3.20	0.0	0.56	1.60	0.0	-1.05	0.0	0.0
		0.0	0.0	-1.66e-03	0.0	90.0	0.56	-1.60	0.0	-1.05	0.0	0.0
2603	5	36.01	0.0	-3.28e-03	-3.20	0.0	0.56	1.60	0.0	-1.05	0.0	0.0
		0.0	0.0	-1.66e-03	0.0	90.0	0.56	-1.60	0.0	-1.05	0.0	0.0
2604	1	46.81	0.0	3.91e-03	-4.16	0.0	1.64	2.08	0.0	10.20	0.0	0.0
		0.0	0.0	-2.69e-03	0.0	90.0	1.64	-2.08	0.0	10.20	0.0	0.0
2604	2	36.01	0.0	3.20e-03	-3.20	0.0	1.33	1.60	0.0	8.24	0.0	0.0
		0.0	0.0	-2.19e-03	0.0	90.0	1.33	-1.60	0.0	8.24	0.0	0.0
2604	3	36.01	0.0	2.94e-03	-3.20	0.0	1.22	1.60	0.0	7.67	0.0	0.0
		0.0	0.0	-2.05e-03	0.0	90.0	1.22	-1.60	0.0	7.67	0.0	0.0
2604	4	36.01	0.0	2.41e-03	-3.20	0.0	1.01	1.60	0.0	6.51	0.0	0.0
		0.0	0.0	-1.75e-03	0.0	90.0	1.01	-1.60	0.0	6.51	0.0	0.0

2604	5	36.01	0.0	2.41e-03	-3.20	0.0	1.01	1.60	0.0	6.51	0.0	0.0
		0.0	0.0	-1.75e-03	0.0	90.0	1.01	-1.60	0.0	6.51	0.0	0.0
2605	1	46.81	0.0	-2.58e-03	-4.16	0.0	2.26	2.08	0.0	0.89	0.0	0.0
		0.0	0.0	-2.62e-03	0.0	90.0	2.26	-2.08	0.0	0.89	0.0	0.0
2605	2	36.01	0.0	-2.03e-03	-3.20	0.0	1.84	1.60	0.0	0.72	0.0	0.0
		0.0	0.0	-2.11e-03	0.0	90.0	1.84	-1.60	0.0	0.72	0.0	0.0
2605	3	36.01	0.0	-1.97e-03	-3.20	0.0	1.69	1.60	0.0	0.68	0.0	0.0
		0.0	0.0	-1.96e-03	0.0	90.0	1.69	-1.60	0.0	0.68	0.0	0.0
2605	4	36.01	0.0	-1.87e-03	-3.20	0.0	1.39	1.60	0.0	0.63	0.0	0.0
		0.0	0.0	-1.69e-03	0.0	90.0	1.39	-1.60	0.0	0.63	0.0	0.0
2605	5	36.01	0.0	-1.87e-03	-3.20	0.0	1.39	1.60	0.0	0.63	0.0	0.0
		0.0	0.0	-1.69e-03	0.0	90.0	1.39	-1.60	0.0	0.63	0.0	0.0
2606	1	46.81	0.0	-4.78e-03	-4.16	0.0	2.62	2.08	0.0	-12.34	0.0	0.0
		0.0	0.0	-1.54e-03	0.0	90.0	2.62	-2.08	0.0	-12.34	0.0	0.0
2606	2	36.01	0.0	-3.88e-03	-3.20	0.0	2.13	1.60	0.0	-9.97	0.0	0.0
		0.0	0.0	-1.24e-03	0.0	90.0	2.13	-1.60	0.0	-9.97	0.0	0.0
2606	3	36.01	0.0	-3.58e-03	-3.20	0.0	1.96	1.60	0.0	-9.30	0.0	0.0
		0.0	0.0	-1.16e-03	0.0	90.0	1.96	-1.60	0.0	-9.30	0.0	0.0
2606	4	36.01	0.0	-3.06e-03	-3.20	0.0	1.62	1.60	0.0	-7.94	0.0	0.0
		0.0	0.0	-1.02e-03	0.0	90.0	1.62	-1.60	0.0	-7.94	0.0	0.0
2606	5	36.01	0.0	-3.06e-03	-3.20	0.0	1.62	1.60	0.0	-7.94	0.0	0.0
		0.0	0.0	-1.02e-03	0.0	90.0	1.62	-1.60	0.0	-7.94	0.0	0.0
2607	1	46.81	0.0	-1.65e-03	-4.16	0.0	2.78	2.08	0.0	-2.43	0.0	0.0
		0.0	0.0	-1.10e-03	0.0	90.0	2.78	-2.08	0.0	-2.43	0.0	0.0
2607	2	36.01	0.0	-1.27e-03	-3.20	0.0	2.26	1.60	0.0	-1.96	0.0	0.0
		0.0	0.0	-8.88e-04	0.0	90.0	2.26	-1.60	0.0	-1.96	0.0	0.0
2607	3	36.01	0.0	-1.27e-03	-3.20	0.0	2.08	1.60	0.0	-1.82	0.0	0.0
		0.0	0.0	-8.29e-04	0.0	90.0	2.08	-1.60	0.0	-1.82	0.0	0.0
2607	4	36.01	0.0	-1.26e-03	-3.20	0.0	1.72	1.60	0.0	-1.57	0.0	0.0
		0.0	0.0	-7.04e-04	0.0	90.0	1.72	-1.60	0.0	-1.57	0.0	0.0
2607	5	36.01	0.0	-1.26e-03	-3.20	0.0	1.72	1.60	0.0	-1.57	0.0	0.0
		0.0	0.0	-7.04e-04	0.0	90.0	1.72	-1.60	0.0	-1.57	0.0	0.0
2608	1	46.81	0.0	3.88e-03	-4.16	0.0	2.80	2.08	0.0	7.37	0.0	0.0
		0.0	0.0	-7.06e-04	0.0	90.0	2.80	-2.08	0.0	7.37	0.0	0.0
2608	2	36.01	0.0	3.17e-03	-3.20	0.0	2.27	1.60	0.0	5.96	0.0	0.0
		0.0	0.0	-5.71e-04	0.0	90.0	2.27	-1.60	0.0	5.96	0.0	0.0
2608	3	36.01	0.0	2.90e-03	-3.20	0.0	2.09	1.60	0.0	5.56	0.0	0.0
		0.0	0.0	-5.39e-04	0.0	90.0	2.09	-1.60	0.0	5.56	0.0	0.0
2608	4	36.01	0.0	2.37e-03	-3.20	0.0	1.73	1.60	0.0	4.70	0.0	0.0
		0.0	0.0	-4.87e-04	0.0	90.0	1.73	-1.60	0.0	4.70	0.0	0.0
2608	5	36.01	0.0	2.37e-03	-3.20	0.0	1.73	1.60	0.0	4.70	0.0	0.0
		0.0	0.0	-4.87e-04	0.0	90.0	1.73	-1.60	0.0	4.70	0.0	0.0
2609	1	46.81	0.0	-4.56e-03	-4.16	0.0	2.57	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	5.50e-05	0.0	90.0	2.57	-2.08	0.0	0.0	0.0	0.0
2609	2	36.01	0.0	-3.66e-03	-3.20	0.0	2.09	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	4.40e-05	0.0	90.0	2.09	-1.60	0.0	0.0	0.0	0.0
2609	3	36.01	0.0	-3.44e-03	-3.20	0.0	1.92	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	5.78e-05	0.0	90.0	1.92	-1.60	0.0	0.0	0.0	0.0
2609	4	36.01	0.0	-3.04e-03	-3.20	0.0	1.59	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	5.61e-05	0.0	90.0	1.59	-1.60	0.0	0.0	0.0	0.0
2609	5	36.01	0.0	-3.04e-03	-3.20	0.0	1.59	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	5.61e-05	0.0	90.0	1.59	-1.60	0.0	0.0	0.0	0.0
2610	1	46.81	0.0	-7.93e-03	-4.16	0.0	2.08	2.08	0.0	-18.34	0.0	0.0
		0.0	0.0	1.62e-03	0.0	90.0	2.08	-2.08	0.0	-18.34	0.0	0.0
2610	2	36.01	0.0	-6.46e-03	-3.20	0.0	1.69	1.60	0.0	-14.81	0.0	0.0
		0.0	0.0	1.31e-03	0.0	90.0	1.69	-1.60	0.0	-14.81	0.0	0.0
2610	3	36.01	0.0	-5.95e-03	-3.20	0.0	1.56	1.60	0.0	-13.78	0.0	0.0
		0.0	0.0	1.21e-03	0.0	90.0	1.56	-1.60	0.0	-13.78	0.0	0.0
2610	4	36.01	0.0	-4.93e-03	-3.20	0.0	1.28	1.60	0.0	-11.74	0.0	0.0
		0.0	0.0	1.04e-03	0.0	90.0	1.28	-1.60	0.0	-11.74	0.0	0.0
2610	5	36.01	0.0	-4.93e-03	-3.20	0.0	1.28	1.60	0.0	-11.74	0.0	0.0
		0.0	0.0	1.04e-03	0.0	90.0	1.28	-1.60	0.0	-11.74	0.0	0.0
2611	1	46.81	0.0	-1.68e-03	-4.16	0.0	1.50	2.08	0.0	-0.33	0.0	0.0
		0.0	0.0	-2.10e-03	0.0	90.0	1.50	-2.08	0.0	-0.33	0.0	0.0
2611	2	36.01	0.0	-1.30e-03	-3.20	0.0	1.22	1.60	0.0	-0.27	0.0	0.0
		0.0	0.0	-1.70e-03	0.0	90.0	1.22	-1.60	0.0	-0.27	0.0	0.0
2611	3	36.01	0.0	-1.29e-03	-3.20	0.0	1.12	1.60	0.0	-0.25	0.0	0.0
		0.0	0.0	-1.59e-03	0.0	90.0	1.12	-1.60	0.0	-0.25	0.0	0.0
2611	4	36.01	0.0	-1.28e-03	-3.20	0.0	0.92	1.60	0.0	-0.21	0.0	0.0
		0.0	0.0	-1.37e-03	0.0	90.0	0.92	-1.60	0.0	-0.21	0.0	0.0
2611	5	36.01	0.0	-1.28e-03	-3.20	0.0	0.92	1.60	0.0	-0.21	0.0	0.0
		0.0	0.0	-1.37e-03	0.0	90.0	0.92	-1.60	0.0	-0.21	0.0	0.0
2612	1	46.81	0.0	2.98e-03	-4.16	0.0	0.97	2.08	0.0	6.43	0.0	0.0
		0.0	0.0	-6.24e-03	0.0	90.0	0.97	-2.08	0.0	6.43	0.0	0.0
2612	2	36.01	0.0	2.45e-03	-3.20	0.0	0.79	1.60	0.0	5.20	0.0	0.0
		0.0	0.0	-5.03e-03	0.0	90.0	0.79	-1.60	0.0	5.20	0.0	0.0
2612	3	36.01	0.0	2.23e-03	-3.20	0.0	0.72	1.60	0.0	4.84	0.0	0.0

		0.0	0.0	-4.70e-03	0.0	90.0	0.72	-1.60	0.0	4.84	0.0	0.0
2612	4	36.01	0.0	1.78e-03	-3.20	0.0	0.60	1.60	0.0	4.11	0.0	0.0
		0.0	0.0	-4.04e-03	0.0	90.0	0.60	-1.60	0.0	4.11	0.0	0.0
2612	5	36.01	0.0	1.78e-03	-3.20	0.0	0.60	1.60	0.0	4.11	0.0	0.0
		0.0	0.0	-4.04e-03	0.0	90.0	0.60	-1.60	0.0	4.11	0.0	0.0
2613	1	46.81	0.0	9.74e-03	-4.16	0.0	0.55	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-6.17e-03	0.0	90.0	0.55	-2.08	0.0	0.0	0.0	0.0
2613	2	36.01	0.0	7.97e-03	-3.20	0.0	0.44	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.97e-03	0.0	90.0	0.44	-1.60	0.0	0.0	0.0	0.0
2613	3	36.01	0.0	7.28e-03	-3.20	0.0	0.41	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.67e-03	0.0	90.0	0.41	-1.60	0.0	0.0	0.0	0.0
2613	4	36.01	0.0	5.88e-03	-3.20	0.0	0.33	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.00e-03	0.0	90.0	0.33	-1.60	0.0	0.0	0.0	0.0
2613	5	36.01	0.0	5.88e-03	-3.20	0.0	0.33	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.00e-03	0.0	90.0	0.33	-1.60	0.0	0.0	0.0	0.0
2614	1	46.81	0.0	5.77e-03	-4.16	0.0	0.22	2.08	0.0	11.44	0.0	0.0
		0.0	0.0	-6.82e-03	0.0	90.0	0.22	-2.08	0.0	11.44	0.0	0.0
2614	2	36.01	0.0	4.77e-03	-3.20	0.0	0.17	1.60	0.0	9.25	0.0	0.0
		0.0	0.0	-5.50e-03	0.0	90.0	0.17	-1.60	0.0	9.25	0.0	0.0
2614	3	36.01	0.0	4.30e-03	-3.20	0.0	0.16	1.60	0.0	8.59	0.0	0.0
		0.0	0.0	-5.12e-03	0.0	90.0	0.16	-1.60	0.0	8.59	0.0	0.0
2614	4	36.01	0.0	3.35e-03	-3.20	0.0	0.13	1.60	0.0	7.33	0.0	0.0
		0.0	0.0	-4.40e-03	0.0	90.0	0.13	-1.60	0.0	7.33	0.0	0.0
2614	5	36.01	0.0	3.35e-03	-3.20	0.0	0.13	1.60	0.0	7.33	0.0	0.0
		0.0	0.0	-4.40e-03	0.0	90.0	0.13	-1.60	0.0	7.33	0.0	0.0
2615	1	46.81	0.0	0.01	-4.16	0.0	0.04	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-9.56e-03	0.0	90.0	0.04	-2.08	0.0	0.0	0.0	0.0
2615	2	36.01	0.0	0.01	-3.20	0.0	0.03	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.70e-03	0.0	90.0	0.03	-1.60	0.0	0.0	0.0	0.0
2615	3	36.01	0.0	0.01	-3.20	0.0	0.03	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.21e-03	0.0	90.0	0.03	-1.60	0.0	0.0	0.0	0.0
2615	4	36.01	0.0	8.91e-03	-3.20	0.0	0.02	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.19e-03	0.0	90.0	0.02	-1.60	0.0	0.0	0.0	0.0
2615	5	36.01	0.0	8.91e-03	-3.20	0.0	0.02	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.19e-03	0.0	90.0	0.02	-1.60	0.0	0.0	0.0	0.0
2616	1	216.91	0.0	-0.03	-3.93	0.0	-752.08	4.52	-0.31	3.95	0.0	0.0
		0.0	-25.96	1.21e-03	0.0	85.0	-752.08	0.59	-0.31	3.95	-25.96	216.91
2616	2	176.83	0.0	-0.02	-3.02	0.0	-607.25	3.59	-0.25	3.21	0.0	0.0
		0.0	-21.11	9.97e-04	0.0	85.0	-607.25	0.57	-0.25	3.21	-21.11	176.83
2616	3	162.46	0.0	-0.02	-3.02	0.0	-565.68	3.42	-0.23	2.84	0.0	0.0
		0.0	-19.57	9.17e-04	0.0	85.0	-565.68	0.40	-0.23	2.84	-19.57	162.46
2616	4	133.63	0.0	-0.02	-3.02	0.0	-482.55	3.08	-0.19	2.33	0.0	0.0
		0.0	-16.42	7.33e-04	0.0	85.0	-482.55	0.06	-0.19	2.33	-16.42	133.63
2616	5	133.63	0.0	-0.02	-3.02	0.0	-482.55	3.08	-0.19	2.33	0.0	0.0
		0.0	-16.42	7.33e-04	0.0	85.0	-482.55	0.06	-0.19	2.33	-16.42	133.63
2617	1	36.37	-6.60	-1.09e-03	-4.16	0.0	-747.46	1.89	0.02	-0.67	-8.28	-2.28
		-19.25	-8.28	-2.89e-03	0.0	90.0	-747.46	-2.27	0.02	-0.67	-6.60	-19.25
2617	2	28.84	-5.28	-8.76e-04	-3.20	0.0	-603.52	1.45	0.02	-0.54	-6.78	-0.66
		-14.24	-6.78	-2.33e-03	0.0	90.0	-603.52	-1.75	0.02	-0.54	-5.28	-14.24
2617	3	27.58	-4.91	-8.28e-04	-3.20	0.0	-562.21	1.46	0.02	-0.61	-6.27	-2.31
		-14.99	-6.27	-2.17e-03	0.0	90.0	-562.21	-1.74	0.02	-0.61	-4.91	-14.99
2617	4	25.07	-4.13	-7.35e-04	-3.20	0.0	-479.58	1.48	0.01	-0.49	-5.24	-5.62
		-16.49	-5.24	-1.87e-03	0.0	90.0	-479.58	-1.72	0.01	-0.49	-4.13	-16.49
2617	5	25.07	-4.13	-7.35e-04	-3.20	0.0	-479.58	1.48	0.01	-0.49	-5.24	-5.62
		-16.49	-5.24	-1.87e-03	0.0	90.0	-479.58	-1.72	0.01	-0.49	-4.13	-16.49
2618	1	222.07	0.0	0.03	-3.93	0.0	-752.74	-0.65	0.28	-4.00	-23.61	222.07
		0.0	-23.61	-6.19e-03	0.0	85.0	-752.74	-4.58	0.28	-4.00	0.0	0.0
2618	2	180.99	0.0	0.02	-3.02	0.0	-607.77	-0.62	0.22	-3.26	-19.08	180.99
		0.0	-19.08	-5.00e-03	0.0	85.0	-607.77	-3.64	0.22	-3.26	0.0	0.0
2618	3	166.25	0.0	0.02	-3.02	0.0	-566.18	-0.44	0.21	-3.07	-17.60	166.25
		0.0	-17.60	-4.64e-03	0.0	85.0	-566.18	-3.47	0.21	-3.07	0.0	0.0
2618	4	136.84	0.0	0.02	-3.02	0.0	-482.95	-0.10	0.17	-2.46	-14.78	136.84
		0.0	-14.78	-3.94e-03	0.0	85.0	-482.95	-3.12	0.17	-2.46	0.0	0.0
2618	5	136.84	0.0	0.02	-3.02	0.0	-482.95	-0.10	0.17	-2.46	-14.78	136.84
		0.0	-14.78	-3.94e-03	0.0	85.0	-482.95	-3.12	0.17	-2.46	0.0	0.0
2619	1	182.53	0.0	-0.03	-3.93	0.0	-779.85	4.11	-0.24	5.61	0.0	0.0
		0.0	-20.79	4.76e-04	0.0	85.0	-779.85	0.18	-0.24	5.61	-20.79	182.53
2619	2	149.29	0.0	-0.02	-3.02	0.0	-629.94	3.27	-0.20	4.55	0.0	0.0
		0.0	-16.94	4.01e-04	0.0	85.0	-629.94	0.25	-0.20	4.55	-16.94	149.29
2619	3	136.45	0.0	-0.02	-3.02	0.0	-586.40	3.12	-0.18	4.09	0.0	0.0
		0.0	-15.70	3.64e-04	0.0	85.0	-586.40	0.09	-0.18	4.09	-15.70	136.45
2619	4	111.42	0.0	-0.02	-3.02	0.0	-499.49	2.82	-0.15	3.40	0.0	0.0
		0.0	-13.11	2.68e-04	0.0	85.0	-499.49	-0.21	-0.15	3.40	-13.11	110.82
2619	5	111.42	0.0	-0.02	-3.02	0.0	-499.49	2.82	-0.15	3.40	0.0	0.0
		0.0	-13.11	2.68e-04	0.0	85.0	-499.49	-0.21	-0.15	3.40	-13.11	110.82
2620	1	45.40	-3.98	-1.55e-03	-4.16	0.0	-303.48	2.04	0.02	-0.68	-5.69	0.52
		-3.34	-5.69	-2.89e-03	0.0	90.0	-303.48	-2.12	0.02	-0.68	-3.98	-3.34

2620	2	36.14	-3.17	-1.24e-03	-3.20	0.0	-245.01	1.56	0.02	-0.55	-4.69	1.74
		-1.47	-4.69	-2.33e-03	0.0	90.0	-245.01	-1.64	0.02	-0.55	-3.17	-1.47
2620	3	34.38	-2.93	-1.17e-03	-3.20	0.0	-228.35	1.57	0.02	-0.61	-4.34	-0.12
		-3.13	-4.34	-2.17e-03	0.0	90.0	-228.35	-1.63	0.02	-0.61	-2.93	-3.13
2620	4	30.86	-2.42	-1.02e-03	-3.20	0.0	-195.15	1.57	0.01	-0.49	-3.59	-3.65
		-6.64	-3.59	-1.87e-03	0.0	90.0	-195.15	-1.63	0.01	-0.49	-2.42	-6.64
2620	5	30.86	-2.42	-1.02e-03	-3.20	0.0	-195.15	1.57	0.01	-0.49	-3.59	-3.65
		-6.64	-3.59	-1.87e-03	0.0	90.0	-195.15	-1.63	0.01	-0.49	-2.42	-6.64
2621	1	182.87	0.0	0.03	-3.93	0.0	-785.37	-0.19	0.22	-5.66	-18.40	182.87
		0.0	-18.40	-5.26e-03	0.0	85.0	-785.37	-4.12	0.22	-5.66	0.0	0.0
2621	2	149.56	0.0	0.02	-3.02	0.0	-634.43	-0.25	0.18	-4.60	-14.88	149.56
		0.0	-14.88	-4.25e-03	0.0	85.0	-634.43	-3.27	0.18	-4.60	0.0	0.0
2621	3	136.72	0.0	0.02	-3.02	0.0	-590.73	-0.10	0.16	-4.32	-13.67	136.72
		0.0	-13.67	-3.94e-03	0.0	85.0	-590.73	-3.12	0.16	-4.32	0.0	0.0
2621	4	111.63	0.0	0.02	-3.02	0.0	-503.30	0.20	0.13	-3.53	-11.39	111.04
		0.0	-11.39	-3.34e-03	0.0	85.0	-503.30	-2.82	0.13	-3.53	0.0	0.0
2621	5	111.63	0.0	0.02	-3.02	0.0	-503.30	0.20	0.13	-3.53	-11.39	111.04
		0.0	-11.39	-3.34e-03	0.0	85.0	-503.30	-2.82	0.13	-3.53	0.0	0.0
2622	1	205.28	0.0	-0.03	-3.93	0.0	-895.41	4.38	-0.19	6.56	0.0	0.0
		0.0	-15.99	-5.53e-04	0.0	85.0	-895.41	0.45	-0.19	6.56	-15.99	205.28
2622	2	167.81	0.0	-0.02	-3.02	0.0	-723.85	3.49	-0.15	5.32	0.0	0.0
		0.0	-13.05	-4.26e-04	0.0	85.0	-723.85	0.46	-0.15	5.32	-13.05	167.81
2622	3	153.52	0.0	-0.02	-3.02	0.0	-673.32	3.32	-0.14	4.81	0.0	0.0
		0.0	-12.09	-4.07e-04	0.0	85.0	-673.32	0.29	-0.14	4.81	-12.09	153.52
2622	4	124.96	0.0	-0.02	-3.02	0.0	-572.33	2.98	-0.12	4.02	0.0	0.0
		0.0	-10.05	-4.04e-04	0.0	85.0	-572.33	-0.04	-0.12	4.02	-10.05	124.96
2622	5	124.96	0.0	-0.02	-3.02	0.0	-572.33	2.98	-0.12	4.02	0.0	0.0
		0.0	-10.05	-4.04e-04	0.0	85.0	-572.33	-0.04	-0.12	4.02	-10.05	124.96
2623	1	48.43	-2.35	-1.81e-03	-4.16	0.0	-365.60	2.12	0.02	-0.75	-4.33	-0.35
		-0.35	-4.33	-2.87e-03	0.0	90.0	-365.60	-2.04	0.02	-0.75	-2.35	3.59
2623	2	38.61	-1.86	-1.45e-03	-3.20	0.0	-295.38	1.63	0.02	-0.60	-3.58	1.12
		1.12	-3.58	-2.32e-03	0.0	90.0	-295.38	-1.57	0.02	-0.60	-1.86	4.08
2623	3	36.65	-1.72	-1.36e-03	-3.20	0.0	-274.96	1.63	0.02	-0.66	-3.31	-0.63
		-0.63	-3.31	-2.16e-03	0.0	90.0	-274.96	-1.57	0.02	-0.66	-1.72	1.92
2623	4	32.74	-1.42	-1.18e-03	-3.20	0.0	-234.66	1.62	0.01	-0.53	-2.72	-4.07
		-4.07	-2.72	-1.86e-03	0.0	90.0	-234.66	-1.58	0.01	-0.53	-1.42	-2.47
2623	5	32.74	-1.42	-1.18e-03	-3.20	0.0	-234.66	1.62	0.01	-0.53	-2.72	-4.07
		-4.07	-2.72	-1.86e-03	0.0	90.0	-234.66	-1.58	0.01	-0.53	-1.42	-2.47
2624	1	205.02	0.0	0.03	-3.93	0.0	-892.03	-0.45	0.15	-6.69	-12.99	205.02
		0.0	-12.99	-4.47e-03	0.0	85.0	-892.03	-4.38	0.15	-6.69	0.0	0.0
2624	2	167.58	0.0	0.02	-3.02	0.0	-720.98	-0.46	0.12	-5.43	-10.52	167.58
		0.0	-10.52	-3.61e-03	0.0	85.0	-720.98	-3.48	0.12	-5.43	0.0	0.0
2624	3	153.28	0.0	0.02	-3.02	0.0	-670.63	-0.29	0.11	-5.10	-9.61	153.28
		0.0	-9.61	-3.34e-03	0.0	85.0	-670.63	-3.31	0.11	-5.10	0.0	0.0
2624	4	124.61	0.0	0.02	-3.02	0.0	-569.97	0.05	0.09	-4.20	-7.98	124.61
		0.0	-7.98	-2.84e-03	0.0	85.0	-569.97	-2.98	0.09	-4.20	0.0	0.0
2624	5	124.61	0.0	0.02	-3.02	0.0	-569.97	0.05	0.09	-4.20	-7.98	124.61
		0.0	-7.98	-2.84e-03	0.0	85.0	-569.97	-2.98	0.09	-4.20	0.0	0.0
2625	1	325.57	0.0	-0.04	-3.93	0.0	-999.20	5.79	-0.15	4.51	0.0	0.0
		0.0	-12.64	-1.08e-03	0.0	85.0	-999.20	1.87	-0.15	4.51	-12.64	325.57
2625	2	265.02	0.0	-0.03	-3.02	0.0	-807.97	4.63	-0.12	3.65	0.0	0.0
		0.0	-10.31	-8.52e-04	0.0	85.0	-807.97	1.61	-0.12	3.65	-10.31	265.02
2625	3	243.95	0.0	-0.03	-3.02	0.0	-751.20	4.38	-0.11	3.27	0.0	0.0
		0.0	-9.54	-8.02e-04	0.0	85.0	-751.20	1.36	-0.11	3.27	-9.54	243.95
2625	4	201.72	0.0	-0.03	-3.02	0.0	-637.75	3.88	-0.09	2.73	0.0	0.0
		0.0	-7.89	-7.38e-04	0.0	85.0	-637.75	0.86	-0.09	2.73	-7.89	201.72
2625	5	201.72	0.0	-0.03	-3.02	0.0	-637.75	3.88	-0.09	2.73	0.0	0.0
		0.0	-7.89	-7.38e-04	0.0	85.0	-637.75	0.86	-0.09	2.73	-7.89	201.72
2626	1	44.93	-1.04	-1.68e-03	-4.16	0.0	-993.11	2.13	0.02	-0.82	-3.18	-4.05
		-4.05	-3.18	-2.87e-03	0.0	90.0	-993.11	-2.03	0.02	-0.82	-1.04	0.29
2626	2	35.77	-0.82	-1.35e-03	-3.20	0.0	-802.95	1.64	0.02	-0.66	-2.63	-2.05
		-2.05	-2.63	-2.32e-03	0.0	90.0	-802.95	-1.56	0.02	-0.66	-0.82	1.58
2626	3	34.02	-0.75	-1.27e-03	-3.20	0.0	-746.59	1.64	0.02	-0.72	-2.42	-3.76
		-3.76	-2.42	-2.16e-03	0.0	90.0	-746.59	-1.56	0.02	-0.72	-0.75	-0.21
2626	4	30.53	-0.62	-1.10e-03	-3.20	0.0	-633.81	1.63	0.01	-0.57	-1.97	-6.75
		-6.75	-1.97	-1.86e-03	0.0	90.0	-633.81	-1.57	0.01	-0.57	-0.62	-4.21
2626	5	30.53	-0.62	-1.10e-03	-3.20	0.0	-633.81	1.63	0.01	-0.57	-1.97	-6.75
		-6.75	-1.97	-1.86e-03	0.0	90.0	-633.81	-1.57	0.01	-0.57	-0.62	-4.21
2627	1	325.64	0.0	0.04	-3.93	0.0	-999.99	-1.87	0.11	-4.59	-9.24	325.64
		0.0	-9.24	-3.90e-03	0.0	85.0	-999.99	-5.80	0.11	-4.59	0.0	0.0
2627	2	265.11	0.0	0.03	-3.02	0.0	-808.52	-1.61	0.09	-3.73	-7.50	265.11
		0.0	-7.50	-3.16e-03	0.0	85.0	-808.52	-4.63	0.09	-3.73	0.0	0.0
2627	3	244.01	0.0	0.03	-3.02	0.0	-751.77	-1.36	0.08	-3.53	-6.80	244.01
		0.0	-6.80	-2.92e-03	0.0	85.0	-751.77	-4.38	0.08	-3.53	0.0	0.0
2627	4	201.92	0.0	0.03	-3.02	0.0	-638.22	-0.86	0.07	-2.87	-5.64	201.92
		0.0	-5.64	-2.48e-03	0.0	85.0	-638.22	-3.89	0.07	-2.87	0.0	0.0
2627	5	201.92	0.0	0.03	-3.02	0.0	-638.22	-0.86	0.07	-2.87	-5.64	201.92

		0.0	-5.64	-2.48e-03	0.0	85.0	-638.22	-3.89	0.07	-2.87	0.0	0.0
2628	1	334.98	0.0	-0.04	-3.93	0.0	-1026.61	5.91	-0.12	0.08	0.0	0.0
		0.0	-10.11	-1.55e-03	0.0	85.0	-1026.61	1.98	-0.12	0.08	-10.11	334.98
2628	2	272.63	0.0	-0.03	-3.02	0.0	-830.41	4.72	-0.10	0.07	0.0	0.0
		0.0	-8.24	-1.24e-03	0.0	85.0	-830.41	1.70	-0.10	0.07	-8.24	272.63
2628	3	250.99	0.0	-0.03	-3.02	0.0	-772.03	4.46	-0.09	-0.06	0.0	0.0
		0.0	-7.62	-1.16e-03	0.0	85.0	-772.03	1.44	-0.09	-0.06	-7.62	250.99
2628	4	207.63	0.0	-0.03	-3.02	0.0	-655.13	3.95	-0.07	-0.09	0.0	0.0
		0.0	-6.28	-1.04e-03	0.0	85.0	-655.13	0.93	-0.07	-0.09	-6.28	207.63
2628	5	207.63	0.0	-0.03	-3.02	0.0	-655.13	3.95	-0.07	-0.09	0.0	0.0
		0.0	-6.28	-1.04e-03	0.0	85.0	-655.13	0.93	-0.07	-0.09	-6.28	207.63
2629	1	45.81	0.35	-1.73e-03	-4.16	0.0	-1020.34	2.15	0.02	-0.88	-1.77	-3.97
		-3.97	-1.77	-2.88e-03	0.0	90.0	-1020.34	-2.01	0.02	-0.88	0.35	1.98
2629	2	36.49	0.30	-1.39e-03	-3.20	0.0	-825.26	1.65	0.02	-0.71	-1.48	-1.95
		-1.95	-1.48	-2.32e-03	0.0	90.0	-825.26	-1.55	0.02	-0.71	0.30	2.91
2629	3	34.69	0.28	-1.31e-03	-3.20	0.0	-767.24	1.65	0.02	-0.77	-1.33	-3.61
		-3.61	-1.33	-2.16e-03	0.0	90.0	-767.24	-1.55	0.02	-0.77	0.28	0.97
2629	4	31.09	0.25	-1.14e-03	-3.20	0.0	-651.05	1.64	0.01	-0.61	-1.07	-6.74
		-6.74	-1.07	-1.86e-03	0.0	90.0	-651.05	-1.56	0.01	-0.61	0.25	-3.10
2629	5	31.09	0.25	-1.14e-03	-3.20	0.0	-651.05	1.64	0.01	-0.61	-1.07	-6.74
		-6.74	-1.07	-1.86e-03	0.0	90.0	-651.05	-1.56	0.01	-0.61	0.25	-3.10
2630	1	336.25	0.0	0.04	-3.93	0.0	-1027.43	-1.99	0.08	-0.14	-6.52	336.25
		0.0	-6.52	-3.42e-03	0.0	85.0	-1027.43	-5.92	0.08	-0.14	0.0	0.0
2630	2	273.73	0.0	0.03	-3.02	0.0	-831.00	-1.71	0.06	-0.12	-5.31	273.73
		0.0	-5.31	-2.76e-03	0.0	85.0	-831.00	-4.73	0.06	-0.12	0.0	0.0
2630	3	252.03	0.0	0.03	-3.02	0.0	-772.58	-1.45	0.06	-0.18	-4.78	252.03
		0.0	-4.78	-2.55e-03	0.0	85.0	-772.58	-4.48	0.06	-0.18	0.0	0.0
2630	4	208.68	0.0	0.03	-3.02	0.0	-655.60	-0.94	0.05	-0.03	-3.93	208.68
		0.0	-3.93	-2.18e-03	0.0	85.0	-655.60	-3.97	0.05	-0.03	0.0	0.0
2630	5	208.68	0.0	0.03	-3.02	0.0	-655.60	-0.94	0.05	-0.03	-3.93	208.68
		0.0	-3.93	-2.18e-03	0.0	85.0	-655.60	-3.97	0.05	-0.03	0.0	0.0
2631	1	231.37	0.0	-0.03	-3.93	0.0	-975.78	4.69	-0.09	-1.52	0.0	0.0
		0.0	-7.41	-1.94e-03	0.0	85.0	-975.78	0.76	-0.09	-1.52	-7.41	231.37
2631	2	188.95	0.0	-0.03	-3.02	0.0	-788.75	3.73	-0.07	-1.22	0.0	0.0
		0.0	-6.03	-1.56e-03	0.0	85.0	-788.75	0.71	-0.07	-1.22	-6.03	188.95
2631	3	173.18	0.0	-0.02	-3.02	0.0	-733.36	3.55	-0.07	-1.26	0.0	0.0
		0.0	-5.56	-1.46e-03	0.0	85.0	-733.36	0.53	-0.07	-1.26	-5.56	173.18
2631	4	141.54	0.0	-0.02	-3.02	0.0	-622.63	3.18	-0.05	-1.11	0.0	0.0
		0.0	-4.57	-1.29e-03	0.0	85.0	-622.63	0.15	-0.05	-1.11	-4.57	141.54
2631	5	141.54	0.0	-0.02	-3.02	0.0	-622.63	3.18	-0.05	-1.11	0.0	0.0
		0.0	-4.57	-1.29e-03	0.0	85.0	-622.63	0.15	-0.05	-1.11	-4.57	141.54
2632	1	52.35	1.04	-2.07e-03	-4.16	0.0	-390.20	2.23	0.02	-1.03	-0.91	-1.08
		-1.08	-0.91	-2.88e-03	0.0	90.0	-390.20	-1.94	0.02	-1.03	1.04	11.99
2632	2	41.77	0.87	-1.66e-03	-3.20	0.0	-314.81	1.71	0.02	-0.83	-0.77	0.72
		0.72	-0.77	-2.32e-03	0.0	90.0	-314.81	-1.49	0.02	-0.83	0.87	10.69
2632	3	39.53	0.78	-1.55e-03	-3.20	0.0	-293.03	1.70	0.02	-0.88	-0.66	-0.91
		-0.91	-0.66	-2.16e-03	0.0	90.0	-293.03	-1.50	0.02	-0.88	0.78	7.97
2632	4	35.18	0.69	-1.34e-03	-3.20	0.0	-249.65	1.68	0.01	-0.71	-0.52	-4.54
		-4.54	-0.52	-1.86e-03	0.0	90.0	-249.65	-1.52	0.01	-0.71	0.69	2.89
2632	5	35.18	0.69	-1.34e-03	-3.20	0.0	-249.65	1.68	0.01	-0.71	-0.52	-4.54
		-4.54	-0.52	-1.86e-03	0.0	90.0	-249.65	-1.52	0.01	-0.71	0.69	2.89
2633	1	233.86	0.0	0.03	-3.93	0.0	-976.33	-0.79	0.04	1.44	-3.71	233.86
		0.0	-3.71	-3.02e-03	0.0	85.0	-976.33	-4.72	0.04	1.44	0.0	0.0
2633	2	190.89	0.0	0.03	-3.02	0.0	-789.04	-0.73	0.04	1.15	-3.03	190.89
		0.0	-3.03	-2.44e-03	0.0	85.0	-789.04	-3.76	0.04	1.15	0.0	0.0
2633	3	174.94	0.0	0.02	-3.02	0.0	-733.71	-0.55	0.03	1.00	-2.68	174.94
		0.0	-2.68	-2.26e-03	0.0	85.0	-733.71	-3.57	0.03	1.00	0.0	0.0
2633	4	143.22	0.0	0.02	-3.02	0.0	-623.51	-0.17	0.03	0.98	-2.15	143.22
		0.0	-2.15	-1.93e-03	0.0	85.0	-623.51	-3.20	0.03	0.98	0.0	0.0
2633	5	143.22	0.0	0.02	-3.02	0.0	-623.51	-0.17	0.03	0.98	-2.15	143.22
		0.0	-2.15	-1.93e-03	0.0	85.0	-623.51	-3.20	0.03	0.98	0.0	0.0
2634	1	225.41	0.0	-0.03	-3.93	0.0	-988.42	4.62	-0.06	-0.09	0.0	0.0
		0.0	-4.79	-2.22e-03	0.0	85.0	-988.42	0.69	-0.06	-0.09	-4.79	225.41
2634	2	184.07	0.0	-0.03	-3.02	0.0	-799.16	3.68	-0.05	-0.06	0.0	0.0
		0.0	-3.90	-1.79e-03	0.0	85.0	-799.16	0.65	-0.05	-0.06	-3.90	184.07
2634	3	168.61	0.0	-0.02	-3.02	0.0	-743.00	3.49	-0.04	-0.18	0.0	0.0
		0.0	-3.58	-1.67e-03	0.0	85.0	-743.00	0.47	-0.04	-0.18	-3.58	168.61
2634	4	137.62	0.0	-0.02	-3.02	0.0	-630.19	3.13	-0.03	-0.19	0.0	0.0
		0.0	-2.89	-1.47e-03	0.0	85.0	-630.19	0.11	-0.03	-0.19	-2.89	137.62
2634	5	137.62	0.0	-0.02	-3.02	0.0	-630.19	3.13	-0.03	-0.19	0.0	0.0
		0.0	-2.89	-1.47e-03	0.0	85.0	-630.19	0.11	-0.03	-0.19	-2.89	137.62
2635	1	52.03	1.02	-2.14e-03	-4.16	0.0	-412.13	2.31	0.02	-1.42	-0.66	-5.74
		-5.74	-0.66	-2.87e-03	0.0	90.0	-412.13	-1.85	0.02	-1.42	1.02	15.05
2635	2	41.54	0.84	-1.72e-03	-3.20	0.0	-332.76	1.79	0.02	-1.14	-0.56	-3.26
		-3.26	-0.56	-2.32e-03	0.0	90.0	-332.76	-1.42	0.02	-1.14	0.84	13.37
2635	3	39.32	0.74	-1.61e-03	-3.20	0.0	-309.80	1.77	0.01	-1.17	-0.45	-4.77
		-4.77	-0.45	-2.15e-03	0.0	90.0	-309.80	-1.43	0.01	-1.17	0.74	10.60



2635	4	34.92	0.67	-1.41e-03	-3.20	0.0	-263.84	1.75	0.01	-0.97	-0.34	-8.09
		-8.09	-0.34	-1.86e-03	0.0	90.0	-263.84	-1.45	0.01	-0.97	0.67	5.36
2635	5	34.92	0.67	-1.41e-03	-3.20	0.0	-263.84	1.75	0.01	-0.97	-0.34	-8.09
		-8.09	-0.34	-1.86e-03	0.0	90.0	-263.84	-1.45	0.01	-0.97	0.67	5.36
2636	1	224.76	0.0	0.03	-3.93	0.0	-987.23	-0.68	7.85e-03	-0.29	-0.67	224.76
		0.0	-0.67	-2.71e-03	0.0	85.0	-987.23	-4.61	7.85e-03	-0.29	0.0	0.0
2636	2	183.61	0.0	0.03	-3.02	0.0	-798.18	-0.65	6.83e-03	-0.24	-0.58	183.61
		0.0	-0.58	-2.19e-03	0.0	85.0	-798.18	-3.67	6.83e-03	-0.24	0.0	0.0
2636	3	168.08	0.0	0.02	-3.02	0.0	-742.10	-0.47	4.87e-03	-0.31	-0.41	168.08
		0.0	-0.41	-2.02e-03	0.0	85.0	-742.10	-3.49	4.87e-03	-0.31	0.0	0.0
2636	4	137.16	0.0	0.02	-3.02	0.0	-629.92	-0.10	2.46e-03	-0.15	-0.21	137.16
		0.0	-0.21	-1.72e-03	0.0	85.0	-629.92	-3.12	2.46e-03	-0.15	0.0	0.0
2636	5	137.16	0.0	0.02	-3.02	0.0	-629.92	-0.10	2.46e-03	-0.15	-0.21	137.16
		0.0	-0.21	-1.72e-03	0.0	85.0	-629.92	-3.12	2.46e-03	-0.15	0.0	0.0
2637	1	343.86	0.0	-0.04	-3.93	0.0	-1042.83	6.01	-0.04	-1.37	0.0	0.0
		0.0	-3.60	-2.37e-03	0.0	85.0	-1042.83	2.08	-0.04	-1.37	-3.60	343.86
2637	2	279.79	0.0	-0.03	-3.02	0.0	-843.31	4.80	-0.03	-1.11	0.0	0.0
		0.0	-2.96	-1.90e-03	0.0	85.0	-843.31	1.78	-0.03	-1.11	-2.96	279.79
2637	3	257.67	0.0	-0.03	-3.02	0.0	-784.00	4.54	-0.03	-1.15	0.0	0.0
		0.0	-2.69	-1.78e-03	0.0	85.0	-784.00	1.52	-0.03	-1.15	-2.69	257.67
2637	4	213.32	0.0	-0.03	-3.02	0.0	-665.57	4.02	-0.03	-0.98	0.0	0.0
		0.0	-2.13	-1.56e-03	0.0	85.0	-665.57	1.00	-0.03	-0.98	-2.13	213.32
2637	5	213.32	0.0	-0.03	-3.02	0.0	-665.57	4.02	-0.03	-0.98	0.0	0.0
		0.0	-2.13	-1.56e-03	0.0	85.0	-665.57	1.00	-0.03	-0.98	-2.13	213.32
2638	1	46.75	1.04	-1.54e-03	-4.16	0.0	-1036.66	2.34	0.02	-2.04	-0.41	-12.51
		-12.51	-0.41	-2.87e-03	0.0	90.0	-1036.66	-1.82	0.02	-2.04	1.04	10.93
2638	2	37.28	0.84	-1.24e-03	-3.20	0.0	-838.14	1.81	0.01	-1.64	-0.36	-8.88
		-8.88	-0.36	-2.32e-03	0.0	90.0	-838.14	-1.39	0.01	-1.64	0.84	10.18
2638	3	35.37	0.73	-1.16e-03	-3.20	0.0	-779.32	1.79	0.01	-1.64	-0.25	-9.86
		-9.86	-0.25	-2.15e-03	0.0	90.0	-779.32	-1.41	0.01	-1.64	0.73	7.53
2638	4	31.58	0.61	-1.02e-03	-3.20	0.0	-661.67	1.77	8.32e-03	-1.37	-0.14	-12.29
		-12.29	-0.14	-1.86e-03	0.0	90.0	-661.67	-1.43	8.32e-03	-1.37	0.61	2.70
2638	5	31.58	0.61	-1.02e-03	-3.20	0.0	-661.67	1.77	8.32e-03	-1.37	-0.14	-12.29
		-12.29	-0.14	-1.86e-03	0.0	90.0	-661.67	-1.43	8.32e-03	-1.37	0.61	2.70
2639	1	332.08	1.10	0.04	-3.93	0.0	-1043.10	-1.94	-0.01	-0.23	1.10	332.08
		0.0	0.0	-2.51e-03	0.0	85.0	-1043.10	-5.87	-0.01	-0.23	0.0	0.0
2639	2	270.39	0.85	0.03	-3.02	0.0	-843.36	-1.67	-9.96e-03	-0.19	0.85	270.39
		0.0	0.0	-2.03e-03	0.0	85.0	-843.36	-4.69	-9.96e-03	-0.19	0.0	0.0
2639	3	248.94	0.90	0.03	-3.02	0.0	-784.17	-1.42	-0.01	-0.26	0.90	248.94
		0.0	0.0	-1.88e-03	0.0	85.0	-784.17	-4.44	-0.01	-0.26	0.0	0.0
2639	4	205.97	0.83	0.03	-3.02	0.0	-665.78	-0.91	-9.80e-03	-0.11	0.83	205.97
		0.0	0.0	-1.61e-03	0.0	85.0	-665.78	-3.93	-9.80e-03	-0.11	0.0	0.0
2639	5	205.97	0.83	0.03	-3.02	0.0	-665.78	-0.91	-9.80e-03	-0.11	0.83	205.97
		0.0	0.0	-1.61e-03	0.0	85.0	-665.78	-3.93	-9.80e-03	-0.11	0.0	0.0
2640	1	348.85	0.0	-0.04	-3.93	0.0	-1044.98	6.07	-0.04	-5.63	0.0	0.0
		0.0	-3.58	-2.38e-03	0.0	85.0	-1044.98	2.14	-0.04	-5.63	-3.58	348.85
2640	2	283.86	0.0	-0.03	-3.02	0.0	-844.96	4.85	-0.03	-4.55	0.0	0.0
		0.0	-2.93	-1.91e-03	0.0	85.0	-844.96	1.83	-0.03	-4.55	-2.93	283.86
2640	3	261.43	0.0	-0.03	-3.02	0.0	-785.57	4.59	-0.03	-4.34	0.0	0.0
		0.0	-2.68	-1.78e-03	0.0	85.0	-785.57	1.56	-0.03	-4.34	-2.68	261.43
2640	4	216.59	0.0	-0.03	-3.02	0.0	-666.82	4.06	-0.03	-3.68	0.0	0.0
		0.0	-2.16	-1.56e-03	0.0	85.0	-666.82	1.04	-0.03	-3.68	-2.16	216.59
2640	5	216.59	0.0	-0.03	-3.02	0.0	-666.82	4.06	-0.03	-3.68	0.0	0.0
		0.0	-2.16	-1.56e-03	0.0	85.0	-666.82	1.04	-0.03	-3.68	-2.16	216.59
2641	1	46.44	0.23	1.37e-03	-4.16	0.0	-1036.75	2.24	1.05e-03	-2.63	0.14	-7.67
		-7.67	0.14	-2.87e-03	0.0	90.0	-1036.75	-1.92	1.05e-03	-2.63	0.23	6.60
2641	2	37.02	0.18	1.10e-03	-3.20	0.0	-838.31	1.73	9.78e-04	-2.12	0.09	-4.88
		-4.88	0.09	-2.31e-03	0.0	90.0	-838.31	-1.47	9.78e-04	-2.12	0.18	6.60
2641	3	35.13	0.16	1.03e-03	-3.20	0.0	-779.39	1.72	-2.77e-04	-2.09	0.16	-6.25
		-6.25	0.14	-2.14e-03	0.0	90.0	-779.39	-1.48	-2.77e-04	-2.09	0.14	4.31
2641	4	31.38	0.21	8.82e-04	-3.20	0.0	-661.57	1.70	-1.58e-03	-1.76	0.21	-9.14
		-9.14	0.07	-1.85e-03	0.0	90.0	-661.57	-1.50	-1.58e-03	-1.76	0.07	-0.11
2641	5	31.38	0.21	8.82e-04	-3.20	0.0	-661.57	1.70	-1.58e-03	-1.76	0.21	-9.14
		-9.14	0.07	-1.85e-03	0.0	90.0	-661.57	-1.50	-1.58e-03	-1.76	0.07	-0.11
2642	1	332.93	0.31	0.04	-3.93	0.0	-1042.90	-1.95	-3.63e-03	2.55	0.31	332.93
		0.0	0.0	-2.64e-03	0.0	85.0	-1042.90	-5.88	-3.63e-03	2.55	0.0	0.0
2642	2	271.01	0.21	0.04	-3.02	0.0	-843.28	-1.68	-2.41e-03	2.06	0.21	271.01
		0.0	0.0	-2.14e-03	0.0	85.0	-843.28	-4.70	-2.41e-03	2.06	0.0	0.0
2642	3	249.51	0.33	0.03	-3.02	0.0	-784.01	-1.42	-3.89e-03	1.82	0.33	249.51
		0.0	0.0	-1.97e-03	0.0	85.0	-784.01	-4.45	-3.89e-03	1.82	0.0	0.0
2642	4	206.45	0.28	0.03	-3.02	0.0	-665.49	-0.92	-3.32e-03	1.66	0.28	206.45
		0.0	0.0	-1.70e-03	0.0	85.0	-665.49	-3.94	-3.32e-03	1.66	0.0	0.0
2642	5	206.45	0.28	0.03	-3.02	0.0	-665.49	-0.92	-3.32e-03	1.66	0.28	206.45
		0.0	0.0	-1.70e-03	0.0	85.0	-665.49	-3.94	-3.32e-03	1.66	0.0	0.0
2643	1	235.64	0.0	-0.03	-3.93	0.0	-983.29	4.74	-0.03	-7.12	0.0	0.0
		0.0	-2.68	-2.42e-03	0.0	85.0	-983.29	0.81	-0.03	-7.12	-2.68	235.64
2643	2	192.37	0.0	-0.02	-3.02	0.0	-795.06	3.77	-0.03	-5.76	0.0	0.0

		0.0	-2.19	-1.95e-03	0.0	85.0	-795.06	0.75	-0.03	-5.76	-2.19	192.37
2643	3	176.38	0.0	-0.02	-3.02	0.0	-739.38	3.59	-0.02	-5.47	0.0	0.0
		0.0	-2.00	-1.82e-03	0.0	85.0	-739.38	0.56	-0.02	-5.47	-2.00	176.38
2643	4	144.42	0.0	-0.02	-3.02	0.0	-628.05	3.21	-0.02	-4.64	0.0	0.0
		0.0	-1.58	-1.59e-03	0.0	85.0	-628.05	0.19	-0.02	-4.64	-1.58	144.42
2643	5	144.42	0.0	-0.02	-3.02	0.0	-628.05	3.21	-0.02	-4.64	0.0	0.0
		0.0	-1.58	-1.59e-03	0.0	85.0	-628.05	0.19	-0.02	-4.64	-1.58	144.42
2644	1	52.33	0.55	2.88e-03	-4.16	0.0	-403.90	2.02	-0.02	-3.07	0.55	8.28
		2.77	-1.28	-2.86e-03	0.0	90.0	-403.90	-2.14	-0.02	-3.07	-1.28	2.77
2644	2	41.76	0.44	2.33e-03	-3.20	0.0	-326.37	1.55	-0.02	-2.48	0.44	8.03
		3.48	-1.04	-2.30e-03	0.0	90.0	-326.37	-1.65	-0.02	-2.48	-1.04	3.48
2644	3	39.60	0.49	2.17e-03	-3.20	0.0	-303.79	1.55	-0.02	-2.42	0.49	5.72
		1.48	-1.00	-2.13e-03	0.0	90.0	-303.79	-1.65	-0.02	-2.42	-1.00	1.48
2644	4	35.24	0.51	1.88e-03	-3.20	0.0	-257.87	1.55	-0.02	-2.04	0.51	1.55
		-3.07	-0.94	-1.84e-03	0.0	90.0	-257.87	-1.65	-0.02	-2.04	-0.94	-3.07
2644	5	35.24	0.51	1.88e-03	-3.20	0.0	-257.87	1.55	-0.02	-2.04	0.51	1.55
		-3.07	-0.94	-1.84e-03	0.0	90.0	-257.87	-1.65	-0.02	-2.04	-0.94	-3.07
2645	1	233.72	0.0	0.04	-3.93	0.0	-984.06	-0.78	6.47e-03	2.80	-0.55	233.72
		0.0	-0.55	-2.86e-03	0.0	85.0	-984.06	-4.71	6.47e-03	2.80	0.0	0.0
2645	2	190.79	0.0	0.03	-3.02	0.0	-795.55	-0.73	5.72e-03	2.27	-0.49	190.79
		0.0	-0.49	-2.31e-03	0.0	85.0	-795.55	-3.76	5.72e-03	2.27	0.0	0.0
2645	3	174.87	0.0	0.03	-3.02	0.0	-739.86	-0.55	3.61e-03	2.01	-0.31	174.87
		0.0	-0.31	-2.13e-03	0.0	85.0	-739.86	-3.57	3.61e-03	2.01	0.0	0.0
2645	4	143.03	0.0	0.02	-3.02	0.0	-627.68	-0.17	3.88e-03	1.82	-0.33	143.03
		0.0	-0.33	-1.84e-03	0.0	85.0	-627.68	-3.19	3.88e-03	1.82	0.0	0.0
2645	5	143.03	0.0	0.02	-3.02	0.0	-627.68	-0.17	3.88e-03	1.82	-0.33	143.03
		0.0	-0.33	-1.84e-03	0.0	85.0	-627.68	-3.19	3.88e-03	1.82	0.0	0.0
2646	1	227.12	0.0	-0.03	-3.93	0.0	-976.38	4.64	-0.01	-5.48	0.0	0.0
		0.0	-1.12	-2.49e-03	0.0	85.0	-976.38	0.71	-0.01	-5.48	-1.12	227.12
2646	2	185.52	0.0	-0.02	-3.02	0.0	-789.40	3.69	-0.01	-4.42	0.0	0.0
		0.0	-0.91	-2.00e-03	0.0	85.0	-789.40	0.67	-0.01	-4.42	-0.91	185.52
2646	3	169.95	0.0	-0.02	-3.02	0.0	-734.10	3.51	-9.68e-03	-4.24	0.0	0.0
		0.0	-0.82	-1.87e-03	0.0	85.0	-734.10	0.49	-9.68e-03	-4.24	-0.82	169.95
2646	4	138.75	0.0	-0.02	-3.02	0.0	-623.18	3.14	-7.16e-03	-3.60	0.0	0.0
		0.0	-0.61	-1.63e-03	0.0	85.0	-623.18	0.12	-7.16e-03	-3.60	-0.61	138.75
2646	5	138.75	0.0	-0.02	-3.02	0.0	-623.18	3.14	-7.16e-03	-3.60	0.0	0.0
		0.0	-0.61	-1.63e-03	0.0	85.0	-623.18	0.12	-7.16e-03	-3.60	-0.61	138.75
2647	1	52.21	-8.99e-03	5.08e-03	-4.16	0.0	-409.65	1.73	-0.02	-3.05	-8.99e-03	19.80
		-11.44	-2.18	-2.88e-03	0.0	90.0	-409.65	-2.43	-0.02	-3.05	-2.18	-11.44
2647	2	41.70	-8.28e-03	4.10e-03	-3.20	0.0	-331.03	1.32	-0.02	-2.46	-8.28e-03	17.35
		-8.00	-1.78	-2.32e-03	0.0	90.0	-331.03	-1.88	-0.02	-2.46	-1.78	-8.00
2647	3	39.48	0.08	3.82e-03	-3.20	0.0	-308.08	1.34	-0.02	-2.41	0.08	14.22
		-9.05	-1.70	-2.15e-03	0.0	90.0	-308.08	-1.86	-0.02	-2.41	-1.70	-9.05
2647	4	35.06	0.17	3.27e-03	-3.20	0.0	-262.18	1.38	-0.02	-2.03	0.17	8.43
		-11.70	-1.56	-1.85e-03	0.0	90.0	-262.18	-1.82	-0.02	-2.03	-1.56	-11.70
2647	5	35.06	0.17	3.27e-03	-3.20	0.0	-262.18	1.38	-0.02	-2.03	0.17	8.43
		-11.70	-1.56	-1.85e-03	0.0	90.0	-262.18	-1.82	-0.02	-2.03	-1.56	-11.70
2648	1	222.16	0.24	0.04	-3.93	0.0	-972.56	-0.65	-2.81e-03	-0.09	0.24	222.16
		0.0	0.0	-2.92e-03	0.0	85.0	-972.56	-4.58	-2.81e-03	-0.09	0.0	0.0
2648	2	181.49	0.15	0.03	-3.02	0.0	-786.39	-0.62	-1.79e-03	-0.07	0.15	181.49
		0.0	0.0	-2.36e-03	0.0	85.0	-786.39	-3.65	-1.79e-03	-0.07	0.0	0.0
2648	3	166.23	0.27	0.03	-3.02	0.0	-731.35	-0.44	-3.21e-03	-0.17	0.27	166.23
		0.0	0.0	-2.18e-03	0.0	85.0	-731.35	-3.47	-3.21e-03	-0.17	0.0	0.0
2648	4	135.60	0.11	0.02	-3.02	0.0	-620.72	-0.08	-1.33e-03	-0.03	0.11	135.60
		0.0	0.0	-1.89e-03	0.0	85.0	-620.72	-3.11	-1.33e-03	-0.03	0.0	0.0
2648	5	135.60	0.11	0.02	-3.02	0.0	-620.72	-0.08	-1.33e-03	-0.03	0.11	135.60
		0.0	0.0	-1.89e-03	0.0	85.0	-620.72	-3.11	-1.33e-03	-0.03	0.0	0.0
2649	1	291.69	0.65	-0.03	-3.93	0.0	-1023.56	5.40	7.68e-03	-4.98	0.0	0.0
		0.0	0.0	-2.62e-03	0.0	85.0	-1023.56	1.47	7.68e-03	-4.98	0.65	291.69
2649	2	237.83	0.52	-0.03	-3.02	0.0	-827.90	4.31	6.17e-03	-4.03	0.0	0.0
		0.0	0.0	-2.11e-03	0.0	85.0	-827.90	1.29	6.17e-03	-4.03	0.52	237.83
2649	3	218.39	0.51	-0.02	-3.02	0.0	-769.33	4.08	5.98e-03	-3.87	0.0	0.0
		0.0	0.0	-1.96e-03	0.0	85.0	-769.33	1.06	5.98e-03	-3.87	0.51	218.39
2649	4	179.46	0.49	-0.02	-3.02	0.0	-652.29	3.62	5.77e-03	-3.28	0.0	0.0
		0.0	0.0	-1.70e-03	0.0	85.0	-652.29	0.60	5.77e-03	-3.28	0.49	179.46
2649	5	179.46	0.49	-0.02	-3.02	0.0	-652.29	3.62	5.77e-03	-3.28	0.0	0.0
		0.0	0.0	-1.70e-03	0.0	85.0	-652.29	0.60	5.77e-03	-3.28	0.49	179.46
2650	1	59.73	-0.57	7.97e-03	-4.16	0.0	-1019.69	0.89	-0.02	-1.99	-0.57	51.25
		-55.65	-2.21	-2.89e-03	0.0	90.0	-1019.69	-3.27	-0.02	-1.99	-2.21	-55.65
2650	2	48.42	-0.46	6.43e-03	-3.20	0.0	-824.76	0.64	-0.01	-1.60	-0.46	42.66
		-43.63	-1.80	-2.33e-03	0.0	90.0	-824.76	-2.56	-0.01	-1.60	-1.80	-43.63
2650	3	44.90	-0.34	6.00e-03	-3.20	0.0	-766.43	0.71	-0.02	-1.61	-0.34	38.02
		-42.48	-1.72	-2.16e-03	0.0	90.0	-766.43	-2.49	-0.02	-1.61	-1.72	-42.48
2650	4	38.50	-0.21	5.13e-03	-3.20	0.0	-649.87	0.84	-0.02	-1.35	-0.21	28.71
		-40.15	-1.59	-1.86e-03	0.0	90.0	-649.87	-2.37	-0.02	-1.35	-1.59	-40.15
2650	5	38.50	-0.21	5.13e-03	-3.20	0.0	-649.87	0.84	-0.02	-1.35	-0.21	28.71
		-40.15	-1.59	-1.86e-03	0.0	90.0	-649.87	-2.37	-0.02	-1.35	-1.59	-40.15

2651	1	354.77	0.61	0.05	-3.93	0.0	-1020.63	-2.21	-7.17e-03	-0.08	0.61	354.77
		0.0	0.0	-2.93e-03	0.0	85.0	-1020.63	-6.14	-7.17e-03	-0.08	0.0	0.0
2651	2	288.68	0.46	0.04	-3.02	0.0	-825.51	-1.88	-5.47e-03	-0.05	0.46	288.68
		0.0	0.0	-2.37e-03	0.0	85.0	-825.51	-4.91	-5.47e-03	-0.05	0.0	0.0
2651	3	265.90	0.56	0.04	-3.02	0.0	-767.15	-1.62	-6.57e-03	-0.16	0.56	265.90
		0.0	0.0	-2.18e-03	0.0	85.0	-767.15	-4.64	-6.57e-03	-0.16	0.0	0.0
2651	4	220.36	0.32	0.03	-3.02	0.0	-650.53	-1.08	-3.72e-03	-0.04	0.32	220.36
		0.0	0.0	-1.90e-03	0.0	85.0	-650.53	-4.10	-3.72e-03	-0.04	0.0	0.0
2651	5	220.36	0.32	0.03	-3.02	0.0	-650.53	-1.08	-3.72e-03	-0.04	0.32	220.36
		0.0	0.0	-1.90e-03	0.0	85.0	-650.53	-4.10	-3.72e-03	-0.04	0.0	0.0
2652	1	321.36	1.88	-0.04	-3.93	0.0	-1048.73	5.75	0.02	-6.59	0.0	0.0
		0.0	0.0	-2.76e-03	0.0	85.0	-1048.73	1.82	0.02	-6.59	1.88	321.36
2652	2	261.77	1.52	-0.03	-3.02	0.0	-848.30	4.59	0.02	-5.33	0.0	0.0
		0.0	0.0	-2.22e-03	0.0	85.0	-848.30	1.57	0.02	-5.33	1.52	261.77
2652	3	240.66	1.43	-0.03	-3.02	0.0	-788.27	4.34	0.02	-5.07	0.0	0.0
		0.0	0.0	-2.07e-03	0.0	85.0	-788.27	1.32	0.02	-5.07	1.43	240.66
2652	4	198.49	1.25	-0.02	-3.02	0.0	-668.15	3.85	0.01	-4.27	0.0	0.0
		0.0	0.0	-1.79e-03	0.0	85.0	-668.15	0.82	0.01	-4.27	1.25	198.49
2652	5	198.49	1.25	-0.02	-3.02	0.0	-668.15	3.85	0.01	-4.27	0.0	0.0
		0.0	0.0	-1.79e-03	0.0	85.0	-668.15	0.82	0.01	-4.27	1.25	198.49
2653	1	57.88	-0.67	6.94e-03	-4.16	0.0	-1044.43	1.00	-0.01	-0.34	-0.67	47.05
		-50.05	-1.85	-2.90e-03	0.0	90.0	-1044.43	-3.16	-0.01	-0.34	-1.85	-50.05
2653	2	46.66	-0.54	5.59e-03	-3.20	0.0	-844.81	0.73	-0.01	-0.26	-0.54	39.23
		-39.07	-1.50	-2.34e-03	0.0	90.0	-844.81	-2.47	-0.01	-0.26	-1.50	-39.07
2653	3	43.58	-0.40	5.22e-03	-3.20	0.0	-785.05	0.79	-0.01	-0.36	-0.40	34.85
		-38.25	-1.46	-2.16e-03	0.0	90.0	-785.05	-2.41	-0.01	-0.36	-1.46	-38.25
2653	4	37.44	-0.27	4.48e-03	-3.20	0.0	-665.45	0.90	-0.01	-0.28	-0.27	26.09
		-36.62	-1.40	-1.87e-03	0.0	90.0	-665.45	-2.30	-0.01	-0.28	-1.40	-36.62
2653	5	37.44	-0.27	4.48e-03	-3.20	0.0	-665.45	0.90	-0.01	-0.28	-0.27	26.09
		-36.62	-1.40	-1.87e-03	0.0	90.0	-665.45	-2.30	-0.01	-0.28	-1.40	-36.62
2654	1	370.36	0.0	0.05	-3.93	0.0	-1045.98	-2.39	5.85e-03	3.85	-0.50	370.36
		0.0	-0.50	-3.02e-03	0.0	85.0	-1045.98	-6.32	5.85e-03	3.85	0.0	0.0
2654	2	301.31	0.0	0.04	-3.02	0.0	-846.11	-2.03	4.84e-03	3.13	-0.41	301.31
		0.0	-0.41	-2.43e-03	0.0	85.0	-846.11	-5.06	4.84e-03	3.13	0.0	0.0
2654	3	277.67	0.0	0.04	-3.02	0.0	-786.26	-1.76	3.31e-03	2.79	-0.28	277.67
		0.0	-0.28	-2.24e-03	0.0	85.0	-786.26	-4.78	3.31e-03	2.79	0.0	0.0
2654	4	230.35	0.0	0.03	-3.02	0.0	-666.51	-1.20	5.63e-03	2.46	-0.48	230.35
		0.0	-0.48	-1.97e-03	0.0	85.0	-666.51	-4.22	5.63e-03	2.46	0.0	0.0
2654	5	230.35	0.0	0.03	-3.02	0.0	-666.51	-1.20	5.63e-03	2.46	-0.48	230.35
		0.0	-0.48	-1.97e-03	0.0	85.0	-666.51	-4.22	5.63e-03	2.46	0.0	0.0
2655	1	339.93	1.30	-0.04	-3.93	0.0	-1058.78	5.96	0.02	-9.73	0.0	0.0
		0.0	0.0	-2.68e-03	0.0	85.0	-1058.78	2.03	0.02	-9.73	1.30	339.93
2655	2	276.64	1.05	-0.03	-3.02	0.0	-855.98	4.77	0.01	-7.88	0.0	0.0
		0.0	0.0	-2.16e-03	0.0	85.0	-855.98	1.74	0.01	-7.88	1.05	276.64
2655	3	254.67	0.99	-0.03	-3.02	0.0	-795.83	4.51	0.01	-7.43	0.0	0.0
		0.0	0.0	-2.01e-03	0.0	85.0	-795.83	1.48	0.01	-7.43	0.99	254.67
2655	4	210.71	0.85	-0.03	-3.02	0.0	-675.68	3.99	9.99e-03	-6.25	0.0	0.0
		0.0	0.0	-1.73e-03	0.0	85.0	-675.68	0.97	9.99e-03	-6.25	0.85	210.71
2655	5	210.71	0.85	-0.03	-3.02	0.0	-675.68	3.99	9.99e-03	-6.25	0.0	0.0
		0.0	0.0	-1.73e-03	0.0	85.0	-675.68	0.97	9.99e-03	-6.25	0.85	210.71
2656	1	54.48	-1.06	4.41e-03	-4.16	0.0	-1053.00	1.20	-6.84e-03	0.80	-1.06	38.94
		-40.03	-1.67	-2.91e-03	0.0	90.0	-1053.00	-2.96	-6.84e-03	0.80	-1.67	-40.03
2656	2	43.78	-0.86	3.56e-03	-3.20	0.0	-851.31	0.89	-5.43e-03	0.65	-0.86	32.72
		-31.03	-1.35	-2.35e-03	0.0	90.0	-851.31	-2.31	-5.43e-03	0.65	-1.35	-31.03
2656	3	41.10	-0.69	3.32e-03	-3.20	0.0	-791.50	0.94	-7.16e-03	0.49	-0.69	28.73
		-30.69	-1.34	-2.17e-03	0.0	90.0	-791.50	-2.26	-7.16e-03	0.49	-1.34	-30.69
2656	4	35.89	-0.52	2.84e-03	-3.20	0.0	-672.02	1.03	-9.11e-03	0.45	-0.52	20.90
		-30.16	-1.34	-1.87e-03	0.0	90.0	-672.02	-2.17	-9.11e-03	0.45	-1.34	-30.16
2656	5	35.89	-0.52	2.84e-03	-3.20	0.0	-672.02	1.03	-9.11e-03	0.45	-0.52	20.90
		-30.16	-1.34	-1.87e-03	0.0	90.0	-672.02	-2.17	-9.11e-03	0.45	-1.34	-30.16
2657	1	356.09	0.0	0.05	-3.93	0.0	-1056.50	-2.22	0.03	8.07	-2.21	356.09
		0.0	-2.21	-3.20e-03	0.0	85.0	-1056.50	-6.15	0.03	8.07	0.0	0.0
2657	2	289.68	0.0	0.04	-3.02	0.0	-854.20	-1.90	0.02	6.55	-1.77	289.68
		0.0	-1.77	-2.58e-03	0.0	85.0	-854.20	-4.92	0.02	6.55	0.0	0.0
2657	3	266.90	0.0	0.03	-3.02	0.0	-794.20	-1.63	0.02	5.95	-1.57	266.90
		0.0	-1.57	-2.38e-03	0.0	85.0	-794.20	-4.65	0.02	5.95	0.0	0.0
2657	4	221.48	0.0	0.03	-3.02	0.0	-674.34	-1.09	0.02	5.15	-1.67	221.48
		0.0	-1.67	-2.10e-03	0.0	85.0	-674.34	-4.12	0.02	5.15	0.0	0.0
2657	5	221.48	0.0	0.03	-3.02	0.0	-674.34	-1.09	0.02	5.15	-1.67	221.48
		0.0	-1.67	-2.10e-03	0.0	85.0	-674.34	-4.12	0.02	5.15	0.0	0.0
2658	1	231.97	0.0	-0.03	-3.93	0.0	-949.13	4.69	-6.47e-03	-11.47	0.0	0.0
		0.0	-0.55	-2.36e-03	0.0	85.0	-949.13	0.76	-6.47e-03	-11.47	-0.55	231.97
2658	2	189.36	0.0	-0.03	-3.02	0.0	-767.18	3.74	-5.12e-03	-9.30	0.0	0.0
		0.0	-0.44	-1.90e-03	0.0	85.0	-767.18	0.72	-5.12e-03	-9.30	-0.44	189.36
2658	3	173.60	0.0	-0.02	-3.02	0.0	-713.72	3.55	-4.86e-03	-8.74	0.0	0.0
		0.0	-0.41	-1.76e-03	0.0	85.0	-713.72	0.53	-4.86e-03	-8.74	-0.41	173.60
2658	4	142.08	0.0	-0.02	-3.02	0.0	-606.99	3.18	-4.43e-03	-7.35	0.0	0.0

		0.0	-0.38	-1.52e-03	0.0	85.0	-606.99	0.16	-4.43e-03	-7.35	-0.38	142.08
2658	5	142.08	0.0	-0.02	-3.02	0.0	-606.99	3.18	-4.43e-03	-7.35	0.0	0.0
		0.0	-0.38	-1.52e-03	0.0	85.0	-606.99	0.16	-4.43e-03	-7.35	-0.38	142.08
2659	1	52.35	-2.22	1.31e-03	-4.16	0.0	-385.52	1.86	-7.34e-06	1.22	-2.22	14.81
		-4.69	-2.22	-2.93e-03	0.0	90.0	-385.52	-2.30	-7.34e-06	1.22	-2.22	-4.69
2659	2	41.80	-1.79	1.06e-03	-3.20	0.0	-311.46	1.43	5.66e-05	0.99	-1.79	13.21
		-2.46	-1.79	-2.36e-03	0.0	90.0	-311.46	-1.77	5.66e-05	0.99	-1.79	-2.46
2659	3	39.56	-1.56	9.78e-04	-3.20	0.0	-290.18	1.44	-2.18e-03	0.80	-1.56	10.45
		-4.02	-1.76	-2.18e-03	0.0	90.0	-290.18	-1.76	-2.18e-03	0.80	-1.76	-4.02
2659	4	35.16	-1.28	8.40e-04	-3.20	0.0	-247.64	1.46	-4.98e-03	0.72	-1.28	5.21
		-7.34	-1.73	-1.88e-03	0.0	90.0	-247.64	-1.74	-4.98e-03	0.72	-1.73	-7.34
2659	5	35.16	-1.28	8.40e-04	-3.20	0.0	-247.64	1.46	-4.98e-03	0.72	-1.28	5.21
		-7.34	-1.73	-1.88e-03	0.0	90.0	-247.64	-1.74	-4.98e-03	0.72	-1.73	-7.34
2660	1	226.59	0.0	0.03	-3.93	0.0	-949.88	-0.70	0.05	9.68	-3.99	226.59
		0.0	-3.99	-3.51e-03	0.0	85.0	-949.88	-4.63	0.05	9.68	0.0	0.0
2660	2	185.00	0.0	0.03	-3.02	0.0	-767.76	-0.67	0.04	7.85	-3.21	185.00
		0.0	-3.21	-2.83e-03	0.0	85.0	-767.76	-3.69	0.04	7.85	0.0	0.0
2660	3	169.50	0.0	0.02	-3.02	0.0	-714.33	-0.48	0.03	7.16	-2.92	169.50
		0.0	-2.92	-2.62e-03	0.0	85.0	-714.33	-3.51	0.03	7.16	0.0	0.0
2660	4	138.63	0.0	0.02	-3.02	0.0	-607.44	-0.12	0.03	6.18	-2.86	138.63
		0.0	-2.86	-2.31e-03	0.0	85.0	-607.44	-3.14	0.03	6.18	0.0	0.0
2660	5	138.63	0.0	0.02	-3.02	0.0	-607.44	-0.12	0.03	6.18	-2.86	138.63
		0.0	-2.86	-2.31e-03	0.0	85.0	-607.44	-3.14	0.03	6.18	0.0	0.0
2661	1	177.28	0.0	-0.03	-3.93	0.0	-803.66	4.05	-1.09e-04	-9.40	0.0	0.0
		0.0	-9.28e-03	-2.33e-03	0.0	85.0	-803.66	0.12	-1.09e-04	-9.40	-9.28e-03	177.28
2661	2	145.05	0.02	-0.02	-3.02	0.0	-649.25	3.22	2.34e-04	-7.63	0.0	0.0
		0.0	0.0	-1.88e-03	0.0	85.0	-649.25	0.20	2.34e-04	-7.63	0.02	145.05
2661	3	132.46	0.01	-0.02	-3.02	0.0	-604.18	3.07	1.32e-04	-7.18	0.0	0.0
		0.0	0.0	-1.74e-03	0.0	85.0	-604.18	0.05	1.32e-04	-7.18	0.01	132.46
2661	4	108.21	0.0	-0.02	-3.02	0.0	-514.05	2.77	-7.49e-04	-6.02	0.0	0.0
		0.0	-0.06	-1.48e-03	0.0	85.0	-514.05	-0.25	-7.49e-04	-6.02	-0.06	107.40
2661	5	108.21	0.0	-0.02	-3.02	0.0	-514.05	2.77	-7.49e-04	-6.02	0.0	0.0
		0.0	-0.06	-1.48e-03	0.0	85.0	-514.05	-0.25	-7.49e-04	-6.02	-0.06	107.40
2662	1	45.75	-2.07	-2.56e-03	-4.16	0.0	-332.98	2.33	-0.02	1.18	-2.07	-12.98
		-12.98	-3.46	-2.89e-03	0.0	90.0	-332.98	-1.83	-0.02	1.18	-3.46	9.52
2662	2	36.45	-1.66	-2.06e-03	-3.20	0.0	-268.75	1.80	-0.01	0.95	-1.66	-9.16
		-9.16	-2.79	-2.32e-03	0.0	90.0	-268.75	-1.40	-0.01	0.95	-2.79	8.91
2662	3	34.64	-1.43	-1.93e-03	-3.20	0.0	-250.27	1.79	-0.01	0.77	-1.43	-10.46
		-10.46	-2.72	-2.15e-03	0.0	90.0	-250.27	-1.41	-0.01	0.77	-2.72	6.70
2662	4	31.03	-1.18	-1.69e-03	-3.20	0.0	-213.47	1.77	-0.02	0.70	-1.18	-12.96
		-12.96	-2.59	-1.85e-03	0.0	90.0	-213.47	-1.43	-0.02	0.70	-2.59	2.24
2662	5	31.03	-1.18	-1.69e-03	-3.20	0.0	-213.47	1.77	-0.02	0.70	-1.18	-12.96
		-12.96	-2.59	-1.85e-03	0.0	90.0	-213.47	-1.43	-0.02	0.70	-2.59	2.24
2663	1	46.81	0.0	-0.03	-4.16	0.0	3.43	2.08	0.0	3.07	0.0	0.0
		0.0	0.0	-4.33e-03	0.0	90.0	3.43	-2.08	0.0	3.07	0.0	0.0
2663	2	36.01	0.0	-0.02	-3.20	0.0	2.77	1.60	0.0	2.50	0.0	0.0
		0.0	0.0	-3.50e-03	0.0	90.0	2.77	-1.60	0.0	2.50	0.0	0.0
2663	3	36.01	0.0	-0.02	-3.20	0.0	2.57	1.60	0.0	2.31	0.0	0.0
		0.0	0.0	-3.26e-03	0.0	90.0	2.57	-1.60	0.0	2.31	0.0	0.0
2663	4	36.01	0.0	-0.02	-3.20	0.0	2.17	1.60	0.0	1.93	0.0	0.0
		0.0	0.0	-2.80e-03	0.0	90.0	2.17	-1.60	0.0	1.93	0.0	0.0
2663	5	36.01	0.0	-0.02	-3.20	0.0	2.17	1.60	0.0	1.93	0.0	0.0
		0.0	0.0	-2.80e-03	0.0	90.0	2.17	-1.60	0.0	1.93	0.0	0.0
2664	1	46.81	0.0	-0.02	-4.16	0.0	-2.92	2.08	0.0	1.28	0.0	0.0
		0.0	0.0	-2.40e-03	0.0	90.0	-2.92	-2.08	0.0	1.28	0.0	0.0
2664	2	36.01	0.0	-0.02	-3.20	0.0	-2.30	1.60	0.0	1.04	0.0	0.0
		0.0	0.0	-1.94e-03	0.0	90.0	-2.30	-1.60	0.0	1.04	0.0	0.0
2664	3	36.01	0.0	-0.02	-3.20	0.0	-2.11	1.60	0.0	0.98	0.0	0.0
		0.0	0.0	-1.82e-03	0.0	90.0	-2.11	-1.60	0.0	0.98	0.0	0.0
2664	4	36.01	0.0	-0.01	-3.20	0.0	-1.99	1.60	0.0	0.83	0.0	0.0
		0.0	0.0	-1.57e-03	0.0	90.0	-1.99	-1.60	0.0	0.83	0.0	0.0
2664	5	36.01	0.0	-0.01	-3.20	0.0	-1.99	1.60	0.0	0.83	0.0	0.0
		0.0	0.0	-1.57e-03	0.0	90.0	-1.99	-1.60	0.0	0.83	0.0	0.0
2665	1	46.81	0.0	-0.02	-4.16	0.0	-1.75	2.08	0.0	-1.32	0.0	0.0
		0.0	0.0	2.41e-04	0.0	90.0	-1.75	-2.08	0.0	-1.32	0.0	0.0
2665	2	36.01	0.0	-0.01	-3.20	0.0	-1.36	1.60	0.0	-1.08	0.0	0.0
		0.0	0.0	2.08e-04	0.0	90.0	-1.36	-1.60	0.0	-1.08	0.0	0.0
2665	3	36.01	0.0	-0.01	-3.20	0.0	-1.24	1.60	0.0	-1.02	0.0	0.0
		0.0	0.0	1.83e-04	0.0	90.0	-1.24	-1.60	0.0	-1.02	0.0	0.0
2665	4	36.01	0.0	-0.01	-3.20	0.0	-1.26	1.60	0.0	-0.85	0.0	0.0
		0.0	0.0	1.16e-04	0.0	90.0	-1.26	-1.60	0.0	-0.85	0.0	0.0
2665	5	36.01	0.0	-0.01	-3.20	0.0	-1.26	1.60	0.0	-0.85	0.0	0.0
		0.0	0.0	1.16e-04	0.0	90.0	-1.26	-1.60	0.0	-0.85	0.0	0.0
2666	1	46.81	0.0	-5.15e-03	-4.16	0.0	-2.20	2.08	0.0	0.33	0.0	0.0
		0.0	0.0	-2.59e-03	0.0	90.0	-2.20	-2.08	0.0	0.33	0.0	0.0
2666	2	36.01	0.0	-4.18e-03	-3.20	0.0	-1.72	1.60	0.0	0.27	0.0	0.0
		0.0	0.0	-2.09e-03	0.0	90.0	-1.72	-1.60	0.0	0.27	0.0	0.0

2666	3	36.01	0.0	-3.87e-03	-3.20	0.0	-1.58	1.60	0.0	0.25	0.0	0.0
		0.0	0.0	-1.96e-03	0.0	90.0	-1.58	-1.60	0.0	0.25	0.0	0.0
2666	4	36.01	0.0	-3.33e-03	-3.20	0.0	-1.54	1.60	0.0	0.21	0.0	0.0
		0.0	0.0	-1.68e-03	0.0	90.0	-1.54	-1.60	0.0	0.21	0.0	0.0
2666	5	36.01	0.0	-3.33e-03	-3.20	0.0	-1.54	1.60	0.0	0.21	0.0	0.0
		0.0	0.0	-1.68e-03	0.0	90.0	-1.54	-1.60	0.0	0.21	0.0	0.0
2667	1	46.81	0.0	5.33e-03	-4.16	0.0	-3.97	2.08	0.0	2.32	0.0	0.0
		0.0	0.0	-5.55e-03	0.0	90.0	-3.97	-2.08	0.0	2.32	0.0	0.0
2667	2	36.01	0.0	4.33e-03	-3.20	0.0	-3.17	1.60	0.0	1.89	0.0	0.0
		0.0	0.0	-4.51e-03	0.0	90.0	-3.17	-1.60	0.0	1.89	0.0	0.0
2667	3	36.01	0.0	3.98e-03	-3.20	0.0	-2.92	1.60	0.0	1.75	0.0	0.0
		0.0	0.0	-4.20e-03	0.0	90.0	-2.92	-1.60	0.0	1.75	0.0	0.0
2667	4	36.01	0.0	3.29e-03	-3.20	0.0	-2.67	1.60	0.0	1.47	0.0	0.0
		0.0	0.0	-3.56e-03	0.0	90.0	-2.67	-1.60	0.0	1.47	0.0	0.0
2667	5	36.01	0.0	3.29e-03	-3.20	0.0	-2.67	1.60	0.0	1.47	0.0	0.0
		0.0	0.0	-3.56e-03	0.0	90.0	-2.67	-1.60	0.0	1.47	0.0	0.0
2668	1	46.81	0.0	-2.30e-03	-4.16	0.0	-7.88	2.08	0.0	-0.39	0.0	0.0
		0.0	0.0	-2.62e-03	0.0	90.0	-7.88	-2.08	0.0	-0.39	0.0	0.0
2668	2	36.01	0.0	-1.79e-03	-3.20	0.0	-6.30	1.60	0.0	-0.32	0.0	0.0
		0.0	0.0	-2.10e-03	0.0	90.0	-6.30	-1.60	0.0	-0.32	0.0	0.0
2668	3	36.01	0.0	-1.76e-03	-3.20	0.0	-5.81	1.60	0.0	-0.31	0.0	0.0
		0.0	0.0	-1.96e-03	0.0	90.0	-5.81	-1.60	0.0	-0.31	0.0	0.0
2668	4	36.01	0.0	-1.68e-03	-3.20	0.0	-4.98	1.60	0.0	-0.26	0.0	0.0
		0.0	0.0	-1.67e-03	0.0	90.0	-4.98	-1.60	0.0	-0.26	0.0	0.0
2668	5	36.01	0.0	-1.68e-03	-3.20	0.0	-4.98	1.60	0.0	-0.26	0.0	0.0
		0.0	0.0	-1.67e-03	0.0	90.0	-4.98	-1.60	0.0	-0.26	0.0	0.0
2669	1	46.81	0.0	-6.98e-03	-4.16	0.0	-9.01	2.08	0.0	-3.88	0.0	0.0
		0.0	0.0	1.01e-03	0.0	90.0	-9.01	-2.08	0.0	-3.88	0.0	0.0
2669	2	36.01	0.0	-5.67e-03	-3.20	0.0	-7.21	1.60	0.0	-3.13	0.0	0.0
		0.0	0.0	8.28e-04	0.0	90.0	-7.21	-1.60	0.0	-3.13	0.0	0.0
2669	3	36.01	0.0	-5.22e-03	-3.20	0.0	-6.66	1.60	0.0	-2.92	0.0	0.0
		0.0	0.0	7.58e-04	0.0	90.0	-6.66	-1.60	0.0	-2.92	0.0	0.0
2669	4	36.01	0.0	-4.35e-03	-3.20	0.0	-5.70	1.60	0.0	-2.48	0.0	0.0
		0.0	0.0	5.89e-04	0.0	90.0	-5.70	-1.60	0.0	-2.48	0.0	0.0
2669	5	36.01	0.0	-4.35e-03	-3.20	0.0	-5.70	1.60	0.0	-2.48	0.0	0.0
		0.0	0.0	5.89e-04	0.0	90.0	-5.70	-1.60	0.0	-2.48	0.0	0.0
2670	1	46.81	0.0	-2.41e-03	-4.16	0.0	-9.45	2.08	0.0	-2.30	0.0	0.0
		0.0	0.0	-1.70e-03	0.0	90.0	-9.45	-2.08	0.0	-2.30	0.0	0.0
2670	2	36.01	0.0	-1.89e-03	-3.20	0.0	-7.57	1.60	0.0	-1.86	0.0	0.0
		0.0	0.0	-1.37e-03	0.0	90.0	-7.57	-1.60	0.0	-1.86	0.0	0.0
2670	3	36.01	0.0	-1.84e-03	-3.20	0.0	-7.00	1.60	0.0	-1.72	0.0	0.0
		0.0	0.0	-1.28e-03	0.0	90.0	-7.00	-1.60	0.0	-1.72	0.0	0.0
2670	4	36.01	0.0	-1.75e-03	-3.20	0.0	-6.00	1.60	0.0	-1.48	0.0	0.0
		0.0	0.0	-1.09e-03	0.0	90.0	-6.00	-1.60	0.0	-1.48	0.0	0.0
2670	5	36.01	0.0	-1.75e-03	-3.20	0.0	-6.00	1.60	0.0	-1.48	0.0	0.0
		0.0	0.0	-1.09e-03	0.0	90.0	-6.00	-1.60	0.0	-1.48	0.0	0.0
2671	1	46.81	0.0	3.62e-03	-4.16	0.0	-9.46	2.08	0.0	0.10	0.0	0.0
		0.0	0.0	-4.57e-03	0.0	90.0	-9.46	-2.08	0.0	0.10	0.0	0.0
2671	2	36.01	0.0	2.96e-03	-3.20	0.0	-7.57	1.60	0.0	0.08	0.0	0.0
		0.0	0.0	-3.70e-03	0.0	90.0	-7.57	-1.60	0.0	0.08	0.0	0.0
2671	3	36.01	0.0	2.70e-03	-3.20	0.0	-7.00	1.60	0.0	0.08	0.0	0.0
		0.0	0.0	-3.44e-03	0.0	90.0	-7.00	-1.60	0.0	0.08	0.0	0.0
2671	4	36.01	0.0	2.18e-03	-3.20	0.0	-6.01	1.60	0.0	0.07	0.0	0.0
		0.0	0.0	-2.97e-03	0.0	90.0	-6.01	-1.60	0.0	0.07	0.0	0.0
2671	5	36.01	0.0	2.18e-03	-3.20	0.0	-6.01	1.60	0.0	0.07	0.0	0.0
		0.0	0.0	-2.97e-03	0.0	90.0	-6.01	-1.60	0.0	0.07	0.0	0.0
2672	1	46.81	0.0	-6.33e-03	-4.16	0.0	-14.74	2.08	0.0	-3.95	0.0	0.0
		0.0	0.0	-1.42e-03	0.0	90.0	-14.74	-2.08	0.0	-3.95	0.0	0.0
2672	2	36.01	0.0	-5.12e-03	-3.20	0.0	-11.83	1.60	0.0	-3.18	0.0	0.0
		0.0	0.0	-1.15e-03	0.0	90.0	-11.83	-1.60	0.0	-3.18	0.0	0.0
2672	3	36.01	0.0	-4.76e-03	-3.20	0.0	-11.00	1.60	0.0	-3.00	0.0	0.0
		0.0	0.0	-1.07e-03	0.0	90.0	-11.00	-1.60	0.0	-3.00	0.0	0.0
2672	4	36.01	0.0	-4.04e-03	-3.20	0.0	-9.51	1.60	0.0	-2.57	0.0	0.0
		0.0	0.0	-9.06e-04	0.0	90.0	-9.51	-1.60	0.0	-2.57	0.0	0.0
2672	5	36.01	0.0	-4.04e-03	-3.20	0.0	-9.51	1.60	0.0	-2.57	0.0	0.0
		0.0	0.0	-9.06e-04	0.0	90.0	-9.51	-1.60	0.0	-2.57	0.0	0.0
2673	1	46.81	0.0	-0.01	-4.16	0.0	-6.53	2.08	0.0	-4.28	0.0	0.0
		0.0	0.0	1.49e-03	0.0	90.0	-6.53	-2.08	0.0	-4.28	0.0	0.0
2673	2	36.01	0.0	-9.99e-03	-3.20	0.0	-5.28	1.60	0.0	-3.46	0.0	0.0
		0.0	0.0	1.21e-03	0.0	90.0	-5.28	-1.60	0.0	-3.46	0.0	0.0
2673	3	36.01	0.0	-9.25e-03	-3.20	0.0	-4.89	1.60	0.0	-3.21	0.0	0.0
		0.0	0.0	1.12e-03	0.0	90.0	-4.89	-1.60	0.0	-3.21	0.0	0.0
2673	4	36.01	0.0	-7.76e-03	-3.20	0.0	-4.46	1.60	0.0	-2.74	0.0	0.0
		0.0	0.0	9.39e-04	0.0	90.0	-4.46	-1.60	0.0	-2.74	0.0	0.0
2673	5	36.01	0.0	-7.76e-03	-3.20	0.0	-4.46	1.60	0.0	-2.74	0.0	0.0
		0.0	0.0	9.39e-04	0.0	90.0	-4.46	-1.60	0.0	-2.74	0.0	0.0
2674	1	46.81	0.0	-1.32e-03	-4.16	0.0	-4.50	2.08	0.0	2.03	0.0	0.0

		0.0	0.0	-1.41e-03	0.0	90.0	-4.50	-2.08	0.0	2.03	0.0	0.0
2674	2	36.01	0.0	-1.00e-03	-3.20	0.0	-3.63	1.60	0.0	1.64	0.0	0.0
		0.0	0.0	-1.14e-03	0.0	90.0	-3.63	-1.60	0.0	1.64	0.0	0.0
2674	3	36.01	0.0	-1.02e-03	-3.20	0.0	-3.37	1.60	0.0	1.53	0.0	0.0
		0.0	0.0	-1.07e-03	0.0	90.0	-3.37	-1.60	0.0	1.53	0.0	0.0
2674	4	36.01	0.0	-1.04e-03	-3.20	0.0	-3.21	1.60	0.0	1.30	0.0	0.0
		0.0	0.0	-9.24e-04	0.0	90.0	-3.21	-1.60	0.0	1.30	0.0	0.0
2674	5	36.01	0.0	-1.04e-03	-3.20	0.0	-3.21	1.60	0.0	1.30	0.0	0.0
		0.0	0.0	-9.24e-04	0.0	90.0	-3.21	-1.60	0.0	1.30	0.0	0.0
2675	1	46.81	0.0	5.54e-03	-4.16	0.0	-3.35	2.08	0.0	5.04	0.0	0.0
		0.0	0.0	-3.21e-03	0.0	90.0	-3.35	-2.08	0.0	5.04	0.0	0.0
2675	2	36.01	0.0	4.51e-03	-3.20	0.0	-2.68	1.60	0.0	4.06	0.0	0.0
		0.0	0.0	-2.59e-03	0.0	90.0	-2.68	-1.60	0.0	4.06	0.0	0.0
2675	3	36.01	0.0	4.15e-03	-3.20	0.0	-2.50	1.60	0.0	3.79	0.0	0.0
		0.0	0.0	-2.42e-03	0.0	90.0	-2.50	-1.60	0.0	3.79	0.0	0.0
2675	4	36.01	0.0	3.43e-03	-3.20	0.0	-2.50	1.60	0.0	3.27	0.0	0.0
		0.0	0.0	-2.08e-03	0.0	90.0	-2.50	-1.60	0.0	3.27	0.0	0.0
2675	5	36.01	0.0	3.43e-03	-3.20	0.0	-2.50	1.60	0.0	3.27	0.0	0.0
		0.0	0.0	-2.08e-03	0.0	90.0	-2.50	-1.60	0.0	3.27	0.0	0.0
2676	1	46.81	0.0	0.01	-4.16	0.0	-3.19	2.08	0.0	5.51	0.0	0.0
		0.0	0.0	-6.84e-03	0.0	90.0	-3.19	-2.08	0.0	5.51	0.0	0.0
2676	2	36.01	0.0	0.01	-3.20	0.0	-2.55	1.60	0.0	4.44	0.0	0.0
		0.0	0.0	-5.52e-03	0.0	90.0	-2.55	-1.60	0.0	4.44	0.0	0.0
2676	3	36.01	0.0	0.01	-3.20	0.0	-2.37	1.60	0.0	4.14	0.0	0.0
		0.0	0.0	-5.16e-03	0.0	90.0	-2.37	-1.60	0.0	4.14	0.0	0.0
2676	4	36.01	0.0	8.87e-03	-3.20	0.0	-2.40	1.60	0.0	3.53	0.0	0.0
		0.0	0.0	-4.40e-03	0.0	90.0	-2.40	-1.60	0.0	3.53	0.0	0.0
2676	5	36.01	0.0	8.87e-03	-3.20	0.0	-2.40	1.60	0.0	3.53	0.0	0.0
		0.0	0.0	-4.40e-03	0.0	90.0	-2.40	-1.60	0.0	3.53	0.0	0.0
2677	1	46.81	0.0	9.62e-03	-4.16	0.0	-3.78	2.08	0.0	1.80	0.0	0.0
		0.0	0.0	-4.67e-03	0.0	90.0	-3.78	-2.08	0.0	1.80	0.0	0.0
2677	2	36.01	0.0	7.87e-03	-3.20	0.0	-3.03	1.60	0.0	1.44	0.0	0.0
		0.0	0.0	-3.76e-03	0.0	90.0	-3.03	-1.60	0.0	1.44	0.0	0.0
2677	3	36.01	0.0	7.18e-03	-3.20	0.0	-2.81	1.60	0.0	1.34	0.0	0.0
		0.0	0.0	-3.51e-03	0.0	90.0	-2.81	-1.60	0.0	1.34	0.0	0.0
2677	4	36.01	0.0	5.83e-03	-3.20	0.0	-2.76	1.60	0.0	1.18	0.0	0.0
		0.0	0.0	-3.01e-03	0.0	90.0	-2.76	-1.60	0.0	1.18	0.0	0.0
2677	5	36.01	0.0	5.83e-03	-3.20	0.0	-2.76	1.60	0.0	1.18	0.0	0.0
		0.0	0.0	-3.01e-03	0.0	90.0	-2.76	-1.60	0.0	1.18	0.0	0.0
2678	1	46.81	0.0	-0.03	-4.16	0.0	3.46	2.08	0.0	-4.12	0.0	0.0
		0.0	0.0	-1.27e-04	0.0	90.0	3.46	-2.08	0.0	-4.12	0.0	0.0
2678	2	36.01	0.0	-0.02	-3.20	0.0	2.81	1.60	0.0	-3.34	0.0	0.0
		0.0	0.0	-1.04e-04	0.0	90.0	2.81	-1.60	0.0	-3.34	0.0	0.0
2678	3	36.01	0.0	-0.02	-3.20	0.0	2.59	1.60	0.0	-3.09	0.0	0.0
		0.0	0.0	-1.05e-04	0.0	90.0	2.59	-1.60	0.0	-3.09	0.0	0.0
2678	4	36.01	0.0	-0.02	-3.20	0.0	2.18	1.60	0.0	-2.61	0.0	0.0
		0.0	0.0	-1.07e-04	0.0	90.0	2.18	-1.60	0.0	-2.61	0.0	0.0
2678	5	36.01	0.0	-0.02	-3.20	0.0	2.18	1.60	0.0	-2.61	0.0	0.0
		0.0	0.0	-1.07e-04	0.0	90.0	2.18	-1.60	0.0	-2.61	0.0	0.0
2679	1	46.81	0.0	-0.02	-4.16	0.0	-4.58	2.08	0.0	-1.05	0.0	0.0
		0.0	0.0	-2.99e-03	0.0	90.0	-4.58	-2.08	0.0	-1.05	0.0	0.0
2679	2	36.01	0.0	-0.02	-3.20	0.0	-3.72	1.60	0.0	-0.86	0.0	0.0
		0.0	0.0	-2.42e-03	0.0	90.0	-3.72	-1.60	0.0	-0.86	0.0	0.0
2679	3	36.01	0.0	-0.02	-3.20	0.0	-3.54	1.60	0.0	-0.76	0.0	0.0
		0.0	0.0	-2.26e-03	0.0	90.0	-3.54	-1.60	0.0	-0.76	0.0	0.0
2679	4	36.01	0.0	-0.01	-3.20	0.0	-3.18	1.60	0.0	-0.61	0.0	0.0
		0.0	0.0	-1.95e-03	0.0	90.0	-3.18	-1.60	0.0	-0.61	0.0	0.0
2679	5	36.01	0.0	-0.01	-3.20	0.0	-3.18	1.60	0.0	-0.61	0.0	0.0
		0.0	0.0	-1.95e-03	0.0	90.0	-3.18	-1.60	0.0	-0.61	0.0	0.0
2680	1	46.81	0.0	-0.02	-4.16	0.0	-1.58	2.08	0.0	1.37	0.0	0.0
		0.0	0.0	-5.70e-03	0.0	90.0	-1.58	-2.08	0.0	1.37	0.0	0.0
2680	2	36.01	0.0	-0.01	-3.20	0.0	-1.27	1.60	0.0	1.10	0.0	0.0
		0.0	0.0	-4.59e-03	0.0	90.0	-1.27	-1.60	0.0	1.10	0.0	0.0
2680	3	36.01	0.0	-0.01	-3.20	0.0	-1.28	1.60	0.0	1.00	0.0	0.0
		0.0	0.0	-4.28e-03	0.0	90.0	-1.28	-1.60	0.0	1.00	0.0	0.0
2680	4	36.01	0.0	-0.01	-3.20	0.0	-1.18	1.60	0.0	0.85	0.0	0.0
		0.0	0.0	-3.66e-03	0.0	90.0	-1.18	-1.60	0.0	0.85	0.0	0.0
2680	5	36.01	0.0	-0.01	-3.20	0.0	-1.18	1.60	0.0	0.85	0.0	0.0
		0.0	0.0	-3.66e-03	0.0	90.0	-1.18	-1.60	0.0	0.85	0.0	0.0
2681	1	46.81	0.0	-5.19e-03	-4.16	0.0	-2.01	2.08	0.0	-0.36	0.0	0.0
		0.0	0.0	-2.85e-03	0.0	90.0	-2.01	-2.08	0.0	-0.36	0.0	0.0
2681	2	36.01	0.0	-4.21e-03	-3.20	0.0	-1.61	1.60	0.0	-0.28	0.0	0.0
		0.0	0.0	-2.30e-03	0.0	90.0	-1.61	-1.60	0.0	-0.28	0.0	0.0
2681	3	36.01	0.0	-3.90e-03	-3.20	0.0	-1.61	1.60	0.0	-0.26	0.0	0.0
		0.0	0.0	-2.15e-03	0.0	90.0	-1.61	-1.60	0.0	-0.26	0.0	0.0
2681	4	36.01	0.0	-3.35e-03	-3.20	0.0	-1.46	1.60	0.0	-0.22	0.0	0.0
		0.0	0.0	-1.84e-03	0.0	90.0	-1.46	-1.60	0.0	-0.22	0.0	0.0

2681	5	36.01	0.0	-3.35e-03	-3.20	0.0	-1.46	1.60	0.0	-0.22	0.0	0.0
		0.0	0.0	-1.84e-03	0.0	90.0	-1.46	-1.60	0.0	-0.22	0.0	0.0
2682	1	46.81	0.0	5.20e-03	-4.16	0.0	-3.78	2.08	0.0	-2.64	0.0	0.0
		0.0	0.0	4.08e-04	0.0	90.0	-3.78	-2.08	0.0	-2.64	0.0	0.0
2682	2	36.01	0.0	4.24e-03	-3.20	0.0	-3.04	1.60	0.0	-2.13	0.0	0.0
		0.0	0.0	3.24e-04	0.0	90.0	-3.04	-1.60	0.0	-2.13	0.0	0.0
2682	3	36.01	0.0	3.91e-03	-3.20	0.0	-2.95	1.60	0.0	-1.97	0.0	0.0
		0.0	0.0	2.91e-04	0.0	90.0	-2.95	-1.60	0.0	-1.97	0.0	0.0
2682	4	36.01	0.0	3.23e-03	-3.20	0.0	-2.59	1.60	0.0	-1.68	0.0	0.0
		0.0	0.0	2.33e-04	0.0	90.0	-2.59	-1.60	0.0	-1.68	0.0	0.0
2682	5	36.01	0.0	3.23e-03	-3.20	0.0	-2.59	1.60	0.0	-1.68	0.0	0.0
		0.0	0.0	2.33e-04	0.0	90.0	-2.59	-1.60	0.0	-1.68	0.0	0.0
2683	1	46.81	0.0	-2.40e-03	-4.16	0.0	-8.34	2.08	0.0	0.22	0.0	0.0
		0.0	0.0	-2.82e-03	0.0	90.0	-8.34	-2.08	0.0	0.22	0.0	0.0
2683	2	36.01	0.0	-1.88e-03	-3.20	0.0	-6.74	1.60	0.0	0.18	0.0	0.0
		0.0	0.0	-2.27e-03	0.0	90.0	-6.74	-1.60	0.0	0.18	0.0	0.0
2683	3	36.01	0.0	-1.84e-03	-3.20	0.0	-6.30	1.60	0.0	0.16	0.0	0.0
		0.0	0.0	-2.12e-03	0.0	90.0	-6.30	-1.60	0.0	0.16	0.0	0.0
2683	4	36.01	0.0	-1.76e-03	-3.20	0.0	-5.43	1.60	0.0	0.16	0.0	0.0
		0.0	0.0	-1.81e-03	0.0	90.0	-5.43	-1.60	0.0	0.16	0.0	0.0
2683	5	36.01	0.0	-1.76e-03	-3.20	0.0	-5.43	1.60	0.0	0.16	0.0	0.0
		0.0	0.0	-1.81e-03	0.0	90.0	-5.43	-1.60	0.0	0.16	0.0	0.0
2684	1	46.81	0.0	-6.28e-03	-4.16	0.0	-9.22	2.08	0.0	0.31	0.0	0.0
		0.0	0.0	-4.90e-03	0.0	90.0	-9.22	-2.08	0.0	0.31	0.0	0.0
2684	2	36.01	0.0	-5.11e-03	-3.20	0.0	-7.51	1.60	0.0	0.26	0.0	0.0
		0.0	0.0	-3.95e-03	0.0	90.0	-7.51	-1.60	0.0	0.26	0.0	0.0
2684	3	36.01	0.0	-4.70e-03	-3.20	0.0	-7.04	1.60	0.0	0.22	0.0	0.0
		0.0	0.0	-3.68e-03	0.0	90.0	-7.04	-1.60	0.0	0.22	0.0	0.0
2684	4	36.01	0.0	-3.89e-03	-3.20	0.0	-6.03	1.60	0.0	0.15	0.0	0.0
		0.0	0.0	-3.17e-03	0.0	90.0	-6.03	-1.60	0.0	0.15	0.0	0.0
2684	5	36.01	0.0	-3.89e-03	-3.20	0.0	-6.03	1.60	0.0	0.15	0.0	0.0
		0.0	0.0	-3.17e-03	0.0	90.0	-6.03	-1.60	0.0	0.15	0.0	0.0
2685	1	46.81	0.0	-1.70e-03	-4.16	0.0	-9.97	2.08	0.0	-2.50	0.0	0.0
		0.0	0.0	-1.70e-03	0.0	90.0	-9.97	-2.08	0.0	-2.50	0.0	0.0
2685	2	36.01	0.0	-1.31e-03	-3.20	0.0	-8.11	1.60	0.0	-2.02	0.0	0.0
		0.0	0.0	-1.37e-03	0.0	90.0	-8.11	-1.60	0.0	-2.02	0.0	0.0
2685	3	36.01	0.0	-1.31e-03	-3.20	0.0	-7.62	1.60	0.0	-1.87	0.0	0.0
		0.0	0.0	-1.28e-03	0.0	90.0	-7.62	-1.60	0.0	-1.87	0.0	0.0
2685	4	36.01	0.0	-1.29e-03	-3.20	0.0	-6.53	1.60	0.0	-1.61	0.0	0.0
		0.0	0.0	-1.09e-03	0.0	90.0	-6.53	-1.60	0.0	-1.61	0.0	0.0
2685	5	36.01	0.0	-1.29e-03	-3.20	0.0	-6.53	1.60	0.0	-1.61	0.0	0.0
		0.0	0.0	-1.09e-03	0.0	90.0	-6.53	-1.60	0.0	-1.61	0.0	0.0
2686	1	46.81	0.0	5.13e-03	-4.16	0.0	-10.46	2.08	0.0	-4.56	0.0	0.0
		0.0	0.0	1.41e-03	0.0	90.0	-10.46	-2.08	0.0	-4.56	0.0	0.0
2686	2	36.01	0.0	4.18e-03	-3.20	0.0	-8.50	1.60	0.0	-3.68	0.0	0.0
		0.0	0.0	1.15e-03	0.0	90.0	-8.50	-1.60	0.0	-3.68	0.0	0.0
2686	3	36.01	0.0	3.84e-03	-3.20	0.0	-8.00	1.60	0.0	-3.43	0.0	0.0
		0.0	0.0	1.06e-03	0.0	90.0	-8.00	-1.60	0.0	-3.43	0.0	0.0
2686	4	36.01	0.0	3.18e-03	-3.20	0.0	-6.88	1.60	0.0	-2.91	0.0	0.0
		0.0	0.0	8.53e-04	0.0	90.0	-6.88	-1.60	0.0	-2.91	0.0	0.0
2686	5	36.01	0.0	3.18e-03	-3.20	0.0	-6.88	1.60	0.0	-2.91	0.0	0.0
		0.0	0.0	8.53e-04	0.0	90.0	-6.88	-1.60	0.0	-2.91	0.0	0.0
2687	1	46.81	0.0	-4.26e-03	-4.16	0.0	-12.65	2.08	0.0	-2.91	0.0	0.0
		0.0	0.0	-1.48e-03	0.0	90.0	-12.65	-2.08	0.0	-2.91	0.0	0.0
2687	2	36.01	0.0	-3.41e-03	-3.20	0.0	-10.22	1.60	0.0	-2.35	0.0	0.0
		0.0	0.0	-1.19e-03	0.0	90.0	-10.22	-1.60	0.0	-2.35	0.0	0.0
2687	3	36.01	0.0	-3.22e-03	-3.20	0.0	-9.64	1.60	0.0	-2.22	0.0	0.0
		0.0	0.0	-1.11e-03	0.0	90.0	-9.64	-1.60	0.0	-2.22	0.0	0.0
2687	4	36.01	0.0	-2.87e-03	-3.20	0.0	-8.46	1.60	0.0	-1.90	0.0	0.0
		0.0	0.0	-9.47e-04	0.0	90.0	-8.46	-1.60	0.0	-1.90	0.0	0.0
2687	5	36.01	0.0	-2.87e-03	-3.20	0.0	-8.46	1.60	0.0	-1.90	0.0	0.0
		0.0	0.0	-9.47e-04	0.0	90.0	-8.46	-1.60	0.0	-1.90	0.0	0.0
2688	1	46.81	0.0	-9.43e-03	-4.16	0.0	-5.06	2.08	0.0	0.62	0.0	0.0
		0.0	0.0	-4.28e-03	0.0	90.0	-5.06	-2.08	0.0	0.62	0.0	0.0
2688	2	36.01	0.0	-7.67e-03	-3.20	0.0	-4.08	1.60	0.0	0.51	0.0	0.0
		0.0	0.0	-3.46e-03	0.0	90.0	-4.08	-1.60	0.0	0.51	0.0	0.0
2688	3	36.01	0.0	-7.07e-03	-3.20	0.0	-3.92	1.60	0.0	0.49	0.0	0.0
		0.0	0.0	-3.22e-03	0.0	90.0	-3.92	-1.60	0.0	0.49	0.0	0.0
2688	4	36.01	0.0	-5.89e-03	-3.20	0.0	-3.56	1.60	0.0	0.39	0.0	0.0
		0.0	0.0	-2.73e-03	0.0	90.0	-3.56	-1.60	0.0	0.39	0.0	0.0
2688	5	36.01	0.0	-5.89e-03	-3.20	0.0	-3.56	1.60	0.0	0.39	0.0	0.0
		0.0	0.0	-2.73e-03	0.0	90.0	-3.56	-1.60	0.0	0.39	0.0	0.0
2689	1	46.81	0.0	-1.82e-03	-4.16	0.0	-3.34	2.08	0.0	1.49	0.0	0.0
		0.0	0.0	-1.65e-03	0.0	90.0	-3.34	-2.08	0.0	1.49	0.0	0.0
2689	2	36.01	0.0	-1.41e-03	-3.20	0.0	-2.68	1.60	0.0	1.20	0.0	0.0
		0.0	0.0	-1.33e-03	0.0	90.0	-2.68	-1.60	0.0	1.20	0.0	0.0
2689	3	36.01	0.0	-1.40e-03	-3.20	0.0	-2.65	1.60	0.0	1.12	0.0	0.0

		0.0	0.0	-1.24e-03	0.0	90.0	-2.65	-1.60	0.0	1.12	0.0	0.0
2689	4	36.01	0.0	-1.37e-03	-3.20	0.0	-2.53	1.60	0.0	0.95	0.0	0.0
		0.0	0.0	-1.07e-03	0.0	90.0	-2.53	-1.60	0.0	0.95	0.0	0.0
2689	5	36.01	0.0	-1.37e-03	-3.20	0.0	-2.53	1.60	0.0	0.95	0.0	0.0
		0.0	0.0	-1.07e-03	0.0	90.0	-2.53	-1.60	0.0	0.95	0.0	0.0
2690	1	46.81	0.0	3.02e-03	-4.16	0.0	-2.05	2.08	0.0	4.31	0.0	0.0
		0.0	0.0	-3.29e-03	0.0	90.0	-2.05	-2.08	0.0	4.31	0.0	0.0
2690	2	36.01	0.0	2.48e-03	-3.20	0.0	-1.63	1.60	0.0	3.48	0.0	0.0
		0.0	0.0	-2.65e-03	0.0	90.0	-1.63	-1.60	0.0	3.48	0.0	0.0
2690	3	36.01	0.0	2.25e-03	-3.20	0.0	-1.70	1.60	0.0	3.24	0.0	0.0
		0.0	0.0	-2.48e-03	0.0	90.0	-1.70	-1.60	0.0	3.24	0.0	0.0
2690	4	36.01	0.0	1.80e-03	-3.20	0.0	-1.77	1.60	0.0	2.78	0.0	0.0
		0.0	0.0	-2.14e-03	0.0	90.0	-1.77	-1.60	0.0	2.78	0.0	0.0
2690	5	36.01	0.0	1.80e-03	-3.20	0.0	-1.77	1.60	0.0	2.78	0.0	0.0
		0.0	0.0	-2.14e-03	0.0	90.0	-1.77	-1.60	0.0	2.78	0.0	0.0
2691	1	46.81	0.0	0.01	-4.16	0.0	-1.43	2.08	0.0	1.20	0.0	0.0
		0.0	0.0	-5.28e-04	0.0	90.0	-1.43	-2.08	0.0	1.20	0.0	0.0
2691	2	36.01	0.0	9.21e-03	-3.20	0.0	-1.12	1.60	0.0	0.95	0.0	0.0
		0.0	0.0	-4.14e-04	0.0	90.0	-1.12	-1.60	0.0	0.95	0.0	0.0
2691	3	36.01	0.0	8.43e-03	-3.20	0.0	-1.26	1.60	0.0	0.91	0.0	0.0
		0.0	0.0	-4.18e-04	0.0	90.0	-1.26	-1.60	0.0	0.91	0.0	0.0
2691	4	36.01	0.0	6.86e-03	-3.20	0.0	-1.41	1.60	0.0	0.79	0.0	0.0
		0.0	0.0	-3.88e-04	0.0	90.0	-1.41	-1.60	0.0	0.79	0.0	0.0
2691	5	36.01	0.0	6.86e-03	-3.20	0.0	-1.41	1.60	0.0	0.79	0.0	0.0
		0.0	0.0	-3.88e-04	0.0	90.0	-1.41	-1.60	0.0	0.79	0.0	0.0
2692	1	46.81	0.0	6.54e-03	-4.16	0.0	-8.44	2.08	0.0	7.02	0.0	0.0
		0.0	0.0	-4.17e-03	0.0	90.0	-8.44	-2.08	0.0	7.02	0.0	0.0
2692	2	36.01	0.0	5.39e-03	-3.20	0.0	-6.79	1.60	0.0	5.67	0.0	0.0
		0.0	0.0	-3.36e-03	0.0	90.0	-6.79	-1.60	0.0	5.67	0.0	0.0
2692	3	36.01	0.0	4.88e-03	-3.20	0.0	-6.49	1.60	0.0	5.26	0.0	0.0
		0.0	0.0	-3.13e-03	0.0	90.0	-6.49	-1.60	0.0	5.26	0.0	0.0
2692	4	36.01	0.0	3.84e-03	-3.20	0.0	-6.19	1.60	0.0	4.49	0.0	0.0
		0.0	0.0	-2.69e-03	0.0	90.0	-6.19	-1.60	0.0	4.49	0.0	0.0
2692	5	36.01	0.0	3.84e-03	-3.20	0.0	-6.19	1.60	0.0	4.49	0.0	0.0
		0.0	0.0	-2.69e-03	0.0	90.0	-6.19	-1.60	0.0	4.49	0.0	0.0
2693	1	184.38	7.83	-0.02	-3.93	0.0	-23.32	4.13	0.09	-13.56	0.0	0.0
		0.0	0.0	-4.31e-03	0.0	85.0	-23.32	0.20	0.09	-13.56	7.83	184.38
2693	2	150.57	6.30	-0.02	-3.02	0.0	-18.83	3.28	0.07	-11.01	0.0	0.0
		0.0	0.0	-3.47e-03	0.0	85.0	-18.83	0.26	0.07	-11.01	6.30	150.57
2693	3	137.98	5.89	-0.02	-3.02	0.0	-17.54	3.13	0.07	-10.24	0.0	0.0
		0.0	0.0	-3.27e-03	0.0	85.0	-17.54	0.11	0.07	-10.24	5.89	137.98
2693	4	113.23	5.06	-0.02	-3.02	0.0	-14.97	2.84	0.06	-8.58	0.0	0.0
		0.0	0.0	-2.81e-03	0.0	85.0	-14.97	-0.18	0.06	-8.58	5.06	112.75
2693	5	113.23	5.06	-0.02	-3.02	0.0	-14.97	2.84	0.06	-8.58	0.0	0.0
		0.0	0.0	-2.81e-03	0.0	85.0	-14.97	-0.18	0.06	-8.58	5.06	112.75
2694	1	25.72	6.04	-6.60e-04	-4.16	0.0	321.23	1.90	0.04	-0.62	2.35	-13.07
		-29.72	2.35	-3.14e-03	0.0	90.0	321.23	-2.27	0.04	-0.62	6.04	-29.72
2694	2	20.24	4.91	-5.24e-04	-3.20	0.0	259.37	1.45	0.03	-0.49	1.88	-9.38
		-22.69	1.88	-2.54e-03	0.0	90.0	259.37	-1.75	0.03	-0.49	4.91	-22.69
2694	3	19.57	4.62	-5.01e-04	-3.20	0.0	241.64	1.46	0.03	-0.53	1.68	-10.41
		-22.89	1.68	-2.40e-03	0.0	90.0	241.64	-1.74	0.03	-0.53	4.62	-22.89
2694	4	18.24	3.97	-4.55e-04	-3.20	0.0	206.11	1.48	0.03	-0.44	1.45	-12.53
		-23.22	1.45	-2.06e-03	0.0	90.0	206.11	-1.72	0.03	-0.44	3.97	-23.22
2694	5	18.24	3.97	-4.55e-04	-3.20	0.0	206.11	1.48	0.03	-0.44	1.45	-12.53
		-23.22	1.45	-2.06e-03	0.0	90.0	206.11	-1.72	0.03	-0.44	3.97	-23.22
2695	1	189.29	10.81	0.02	-3.93	0.0	-24.45	-0.26	-0.13	12.70	10.81	189.29
		0.0	0.0	-1.14e-03	0.0	85.0	-24.45	-4.19	-0.13	12.70	0.0	0.0
2695	2	154.52	8.76	0.02	-3.02	0.0	-19.74	-0.31	-0.10	10.30	8.76	154.52
		0.0	0.0	-9.15e-04	0.0	85.0	-19.74	-3.33	-0.10	10.30	0.0	0.0
2695	3	141.60	8.13	0.02	-3.02	0.0	-18.39	-0.15	-0.10	9.44	8.13	141.60
		0.0	0.0	-8.89e-04	0.0	85.0	-18.39	-3.18	-0.10	9.44	0.0	0.0
2695	4	116.10	7.01	0.02	-3.02	0.0	-15.69	0.15	-0.08	7.92	7.01	115.81
		0.0	0.0	-7.59e-04	0.0	85.0	-15.69	-2.87	-0.08	7.92	0.0	0.0
2695	5	116.10	7.01	0.02	-3.02	0.0	-15.69	0.15	-0.08	7.92	7.01	115.81
		0.0	0.0	-7.59e-04	0.0	85.0	-15.69	-2.87	-0.08	7.92	0.0	0.0
2696	1	146.80	4.31	-0.02	-3.93	0.0	-481.78	3.68	0.05	-11.96	0.0	0.0
		0.0	0.0	-3.84e-03	0.0	85.0	-481.78	-0.25	0.05	-11.96	4.31	146.14
2696	2	119.92	3.47	-0.02	-3.02	0.0	-389.37	2.92	0.04	-9.72	0.0	0.0
		0.0	0.0	-3.10e-03	0.0	85.0	-389.37	-0.10	0.04	-9.72	3.47	119.88
2696	3	109.82	3.24	-0.02	-3.02	0.0	-362.26	2.79	0.04	-9.05	0.0	0.0
		0.0	0.0	-2.92e-03	0.0	85.0	-362.26	-0.23	0.04	-9.05	3.24	109.11
2696	4	90.76	2.80	-0.01	-3.02	0.0	-307.96	2.54	0.03	-7.55	0.0	0.0
		0.0	0.0	-2.51e-03	0.0	85.0	-307.96	-0.48	0.03	-7.55	2.80	87.62
2696	5	90.76	2.80	-0.01	-3.02	0.0	-307.96	2.54	0.03	-7.55	0.0	0.0
		0.0	0.0	-2.51e-03	0.0	85.0	-307.96	-0.48	0.03	-7.55	2.80	87.62
2697	1	29.93	5.34	-9.17e-04	-4.16	0.0	-153.11	2.05	0.04	-0.62	1.58	-15.54
		-18.22	1.58	-3.15e-03	0.0	90.0	-153.11	-2.11	0.04	-0.62	5.34	-18.22

2697	2	23.63	4.34	-7.31e-04	-3.20	0.0	-123.87	1.58	0.03	-0.49	1.26	-11.24
		-13.50	1.26	-2.54e-03	0.0	90.0	-123.87	-1.63	0.03	-0.49	4.34	-13.50
2697	3	22.75	4.09	-6.93e-04	-3.20	0.0	-115.09	1.58	0.03	-0.53	1.10	-12.18
		-14.33	1.10	-2.40e-03	0.0	90.0	-115.09	-1.62	0.03	-0.53	4.09	-14.33
2697	4	20.98	3.51	-6.12e-04	-3.20	0.0	-97.68	1.58	0.03	-0.44	0.96	-13.92
		-16.13	0.96	-2.06e-03	0.0	90.0	-97.68	-1.62	0.03	-0.44	3.51	-16.13
2697	5	20.98	3.51	-6.12e-04	-3.20	0.0	-97.68	1.58	0.03	-0.44	0.96	-13.92
		-16.13	0.96	-2.06e-03	0.0	90.0	-97.68	-1.62	0.03	-0.44	3.51	-16.13
2698	1	146.77	7.34	0.02	-3.93	0.0	-482.17	0.25	-0.09	11.09	7.34	146.12
		0.0	0.0	-1.60e-03	0.0	85.0	-482.17	-3.68	-0.09	11.09	0.0	0.0
2698	2	119.88	5.95	0.02	-3.02	0.0	-389.75	0.10	-0.07	9.00	5.95	119.85
		0.0	0.0	-1.29e-03	0.0	85.0	-389.75	-2.92	-0.07	9.00	0.0	0.0
2698	3	109.80	5.51	0.02	-3.02	0.0	-362.53	0.23	-0.06	8.23	5.51	109.09
		0.0	0.0	-1.24e-03	0.0	85.0	-362.53	-2.79	-0.06	8.23	0.0	0.0
2698	4	90.72	4.76	0.01	-3.02	0.0	-308.18	0.48	-0.06	6.87	4.76	87.57
		0.0	0.0	-1.06e-03	0.0	85.0	-308.18	-2.54	-0.06	6.87	0.0	0.0
2698	5	90.72	4.76	0.01	-3.02	0.0	-308.18	0.48	-0.06	6.87	4.76	87.57
		0.0	0.0	-1.06e-03	0.0	85.0	-308.18	-2.54	-0.06	6.87	0.0	0.0
2699	1	167.11	0.0	-0.02	-3.93	0.0	-542.53	3.93	-0.02	-10.63	0.0	0.0
		0.0	-1.39	-2.98e-03	0.0	85.0	-542.53	1.26e-03	-0.02	-10.63	-1.39	167.11
2699	2	136.92	0.0	-0.02	-3.02	0.0	-438.63	3.12	-0.01	-8.64	0.0	0.0
		0.0	-1.12	-2.41e-03	0.0	85.0	-438.63	0.10	-0.01	-8.64	-1.12	136.92
2699	3	124.89	0.0	-0.02	-3.02	0.0	-407.86	2.98	-0.01	-8.05	0.0	0.0
		0.0	-1.04	-2.27e-03	0.0	85.0	-407.86	-0.04	-0.01	-8.05	-1.04	124.89
2699	4	102.17	0.0	-0.01	-3.02	0.0	-345.84	2.70	-0.01	-6.72	0.0	0.0
		0.0	-0.86	-1.95e-03	0.0	85.0	-345.84	-0.33	-0.01	-6.72	-0.86	100.71
2699	5	102.17	0.0	-0.01	-3.02	0.0	-345.84	2.70	-0.01	-6.72	0.0	0.0
		0.0	-0.86	-1.95e-03	0.0	85.0	-345.84	-0.33	-0.01	-6.72	-0.86	100.71
2700	1	31.34	3.56	-1.09e-03	-4.16	0.0	-171.53	2.13	0.05	-0.69	-0.55	-17.61
		-17.61	-0.55	-3.17e-03	0.0	90.0	-171.53	-2.03	0.05	-0.69	3.56	-13.33
2700	2	24.78	2.89	-8.71e-04	-3.20	0.0	-138.85	1.64	0.04	-0.55	-0.45	-12.82
		-12.82	-0.45	-2.55e-03	0.0	90.0	-138.85	-1.56	0.04	-0.55	2.89	-9.63
2700	3	23.80	2.74	-8.26e-04	-3.20	0.0	-128.87	1.64	0.04	-0.59	-0.50	-13.77
		-13.77	-0.50	-2.42e-03	0.0	90.0	-128.87	-1.57	0.04	-0.59	2.74	-10.64
2700	4	21.84	2.33	-7.25e-04	-3.20	0.0	-109.24	1.62	0.03	-0.49	-0.39	-15.18
		-15.18	-0.39	-2.07e-03	0.0	90.0	-109.24	-1.58	0.03	-0.49	2.33	-13.16
2700	5	21.84	2.33	-7.25e-04	-3.20	0.0	-109.24	1.62	0.03	-0.49	-0.39	-15.18
		-15.18	-0.39	-2.07e-03	0.0	90.0	-109.24	-1.58	0.03	-0.49	2.33	-13.16
2701	1	166.78	1.72	0.02	-3.93	0.0	-540.55	2.55e-03	-0.02	9.52	1.72	166.78
		0.0	0.0	-2.48e-03	0.0	85.0	-540.55	-3.93	-0.02	9.52	0.0	0.0
2701	2	136.66	1.41	0.02	-3.02	0.0	-437.28	-0.10	-0.02	7.73	1.41	136.66
		0.0	0.0	-1.99e-03	0.0	85.0	-437.28	-3.12	-0.02	7.73	0.0	0.0
2701	3	124.51	1.27	0.02	-3.02	0.0	-406.25	0.05	-0.01	7.04	1.27	124.51
		0.0	0.0	-1.90e-03	0.0	85.0	-406.25	-2.98	-0.01	7.04	0.0	0.0
2701	4	101.82	1.10	0.01	-3.02	0.0	-344.64	0.33	-0.01	5.89	1.10	100.31
		0.0	0.0	-1.62e-03	0.0	85.0	-344.64	-2.69	-0.01	5.89	0.0	0.0
2701	5	101.82	1.10	0.01	-3.02	0.0	-344.64	0.33	-0.01	5.89	1.10	100.31
		0.0	0.0	-1.62e-03	0.0	85.0	-344.64	-2.69	-0.01	5.89	0.0	0.0
2702	1	274.50	0.0	-0.03	-3.93	0.0	-31.71	5.19	-4.55e-03	-8.65	0.0	0.0
		0.0	-0.39	-3.19e-03	0.0	85.0	-31.71	1.26	-4.55e-03	-8.65	-0.39	274.50
2702	2	223.73	0.0	-0.03	-3.02	0.0	-25.64	4.14	-3.54e-03	-7.03	0.0	0.0
		0.0	-0.30	-2.57e-03	0.0	85.0	-25.64	1.12	-3.54e-03	-7.03	-0.30	223.73
2702	3	205.56	0.0	-0.03	-3.02	0.0	-23.84	3.93	-3.42e-03	-6.56	0.0	0.0
		0.0	-0.29	-2.42e-03	0.0	85.0	-23.84	0.91	-3.42e-03	-6.56	-0.29	205.56
2702	4	169.13	0.0	-0.02	-3.02	0.0	-20.23	3.50	-2.75e-03	-5.47	0.0	0.0
		0.0	-0.23	-2.08e-03	0.0	85.0	-20.23	0.48	-2.75e-03	-5.47	-0.23	169.13
2702	5	169.13	0.0	-0.02	-3.02	0.0	-20.23	3.50	-2.75e-03	-5.47	0.0	0.0
		0.0	-0.23	-2.08e-03	0.0	85.0	-20.23	0.48	-2.75e-03	-5.47	-0.23	169.13
2703	1	31.09	4.23	-1.10e-03	-4.16	0.0	449.05	2.12	0.05	-0.71	-0.15	-17.47
		-17.47	-0.15	-3.20e-03	0.0	90.0	449.05	-2.04	0.05	-0.71	4.23	-13.95
2703	2	24.58	3.44	-8.79e-04	-3.20	0.0	363.21	1.63	0.04	-0.56	-0.11	-12.89
		-12.89	-0.11	-2.58e-03	0.0	90.0	363.21	-1.57	0.04	-0.56	3.44	-9.96
2703	3	23.62	3.25	-8.34e-04	-3.20	0.0	337.53	1.63	0.04	-0.60	-0.20	-13.82
		-13.82	-0.20	-2.44e-03	0.0	90.0	337.53	-1.57	0.04	-0.60	3.25	-10.94
2703	4	21.71	2.73	-7.36e-04	-3.20	0.0	286.13	1.62	0.03	-0.50	-0.12	-15.24
		-15.24	-0.12	-2.09e-03	0.0	90.0	286.13	-1.58	0.03	-0.50	2.73	-13.35
2703	5	21.71	2.73	-7.36e-04	-3.20	0.0	286.13	1.62	0.03	-0.50	-0.12	-15.24
		-15.24	-0.12	-2.09e-03	0.0	90.0	286.13	-1.58	0.03	-0.50	2.73	-13.35
2704	1	274.82	2.71	0.03	-3.93	0.0	-32.58	-1.27	-0.03	7.35	2.71	274.82
		0.0	0.0	-2.32e-03	0.0	85.0	-32.58	-5.20	-0.03	7.35	0.0	0.0
2704	2	224.01	2.22	0.03	-3.02	0.0	-26.34	-1.12	-0.03	5.99	2.22	224.01
		0.0	0.0	-1.86e-03	0.0	85.0	-26.34	-4.15	-0.03	5.99	0.0	0.0
2704	3	205.80	2.00	0.03	-3.02	0.0	-24.49	-0.91	-0.02	5.42	2.00	205.80
		0.0	0.0	-1.78e-03	0.0	85.0	-24.49	-3.93	-0.02	5.42	0.0	0.0
2704	4	169.48	1.69	0.02	-3.02	0.0	-20.82	-0.48	-0.02	4.54	1.69	169.48
		0.0	0.0	-1.53e-03	0.0	85.0	-20.82	-3.51	-0.02	4.54	0.0	0.0
2704	5	169.48	1.69	0.02	-3.02	0.0	-20.82	-0.48	-0.02	4.54	1.69	169.48

		0.0	0.0	-1.53e-03	0.0	85.0	-20.82	-3.51	-0.02	4.54	0.0	0.0
2705	1	282.68	6.57	-0.03	-3.93	0.0	-32.60	5.29	0.08	-5.98	0.0	0.0
		0.0	0.0	-4.35e-03	0.0	85.0	-32.60	1.36	0.08	-5.98	6.57	282.68
2705	2	230.35	5.32	-0.03	-3.02	0.0	-26.36	4.22	0.06	-4.86	0.0	0.0
		0.0	0.0	-3.51e-03	0.0	85.0	-26.36	1.20	0.06	-4.86	5.32	230.35
2705	3	211.68	4.93	-0.03	-3.02	0.0	-24.51	4.00	0.06	-4.55	0.0	0.0
		0.0	0.0	-3.30e-03	0.0	85.0	-24.51	0.98	0.06	-4.55	4.93	211.68
2705	4	174.28	4.21	-0.02	-3.02	0.0	-20.80	3.56	0.05	-3.77	0.0	0.0
		0.0	0.0	-2.82e-03	0.0	85.0	-20.80	0.54	0.05	-3.77	4.21	174.28
2705	5	174.28	4.21	-0.02	-3.02	0.0	-20.80	3.56	0.05	-3.77	0.0	0.0
		0.0	0.0	-2.82e-03	0.0	85.0	-20.80	0.54	0.05	-3.77	4.21	174.28
2706	1	31.51	7.20	-1.15e-03	-4.16	0.0	461.67	2.14	0.05	-0.72	2.66	-17.85
		-17.85	2.66	-3.22e-03	0.0	90.0	461.67	-2.02	0.05	-0.72	7.20	-12.74
2706	2	24.92	5.84	-9.17e-04	-3.20	0.0	373.46	1.65	0.04	-0.57	2.15	-13.17
		-13.17	2.15	-2.60e-03	0.0	90.0	373.46	-1.55	0.04	-0.57	5.84	-9.00
2706	3	23.94	5.49	-8.69e-04	-3.20	0.0	347.04	1.64	0.04	-0.61	1.90	-14.01
		-14.01	1.90	-2.46e-03	0.0	90.0	347.04	-1.56	0.04	-0.61	5.49	-10.13
2706	4	21.98	4.62	-7.67e-04	-3.20	0.0	294.19	1.63	0.03	-0.51	1.67	-15.56
		-15.56	1.67	-2.11e-03	0.0	90.0	294.19	-1.57	0.03	-0.51	4.62	-12.50
2706	5	21.98	4.62	-7.67e-04	-3.20	0.0	294.19	1.63	0.03	-0.51	1.67	-15.56
		-15.56	1.67	-2.11e-03	0.0	90.0	294.19	-1.57	0.03	-0.51	4.62	-12.50
2707	1	284.07	9.55	0.03	-3.93	0.0	-33.57	-1.38	-0.11	4.58	9.55	284.07
		0.0	0.0	-1.21e-03	0.0	85.0	-33.57	-5.31	-0.11	4.58	0.0	0.0
2707	2	231.52	7.76	0.03	-3.02	0.0	-27.15	-1.21	-0.09	3.74	7.76	231.52
		0.0	0.0	-9.63e-04	0.0	85.0	-27.15	-4.24	-0.09	3.74	0.0	0.0
2707	3	212.80	7.15	0.03	-3.02	0.0	-25.25	-0.99	-0.08	3.33	7.15	212.80
		0.0	0.0	-9.42e-04	0.0	85.0	-25.25	-4.01	-0.08	3.33	0.0	0.0
2707	4	175.39	6.06	0.02	-3.02	0.0	-21.45	-0.55	-0.07	2.78	6.06	175.39
		0.0	0.0	-8.19e-04	0.0	85.0	-21.45	-3.57	-0.07	2.78	0.0	0.0
2707	5	175.39	6.06	0.02	-3.02	0.0	-21.45	-0.55	-0.07	2.78	6.06	175.39
		0.0	0.0	-8.19e-04	0.0	85.0	-21.45	-3.57	-0.07	2.78	0.0	0.0
2708	1	188.64	7.02	-0.03	-3.93	0.0	-598.37	4.18	0.08	-4.42	0.0	0.0
		0.0	0.0	-4.47e-03	0.0	85.0	-598.37	0.25	0.08	-4.42	7.02	188.64
2708	2	154.35	5.68	-0.02	-3.02	0.0	-483.73	3.33	0.07	-3.59	0.0	0.0
		0.0	0.0	-3.61e-03	0.0	85.0	-483.73	0.30	0.07	-3.59	5.68	154.35
2708	3	141.02	5.28	-0.02	-3.02	0.0	-449.46	3.17	0.06	-3.37	0.0	0.0
		0.0	0.0	-3.39e-03	0.0	85.0	-449.46	0.15	0.06	-3.37	5.28	141.02
2708	4	114.69	4.51	-0.02	-3.02	0.0	-380.94	2.86	0.05	-2.78	0.0	0.0
		0.0	0.0	-2.90e-03	0.0	85.0	-380.94	-0.17	0.05	-2.78	4.51	114.31
2708	5	114.69	4.51	-0.02	-3.02	0.0	-380.94	2.86	0.05	-2.78	0.0	0.0
		0.0	0.0	-2.90e-03	0.0	85.0	-380.94	-0.17	0.05	-2.78	4.51	114.31
2709	1	33.53	7.74	-1.30e-03	-4.16	0.0	-192.44	2.20	0.06	-0.72	2.56	-18.71
		-18.71	2.56	-3.29e-03	0.0	90.0	-192.44	-1.96	0.06	-0.72	7.74	-7.85
2709	2	26.56	6.28	-1.04e-03	-3.20	0.0	-155.43	1.69	0.05	-0.57	2.08	-13.57
		-13.57	2.08	-2.65e-03	0.0	90.0	-155.43	-1.51	0.05	-0.57	6.28	-5.32
2709	3	25.46	5.88	-9.73e-04	-3.20	0.0	-144.40	1.68	0.04	-0.61	1.84	-14.18
		-14.18	1.84	-2.51e-03	0.0	90.0	-144.40	-1.52	0.04	-0.61	5.88	-6.92
2709	4	23.25	4.97	-8.57e-04	-3.20	0.0	-122.33	1.67	0.04	-0.50	1.62	-15.93
		-15.93	1.62	-2.15e-03	0.0	90.0	-122.33	-1.53	0.04	-0.50	4.97	-9.59
2709	5	23.25	4.97	-8.57e-04	-3.20	0.0	-122.33	1.67	0.04	-0.50	1.62	-15.93
		-15.93	1.62	-2.15e-03	0.0	90.0	-122.33	-1.53	0.04	-0.50	4.97	-9.59
2710	1	190.96	10.05	0.03	-3.93	0.0	-596.28	-0.28	-0.12	2.96	10.05	190.96
		0.0	0.0	-1.16e-03	0.0	85.0	-596.28	-4.21	-0.12	2.96	0.0	0.0
2710	2	156.19	8.16	0.02	-3.02	0.0	-482.47	-0.33	-0.10	2.43	8.16	156.19
		0.0	0.0	-9.27e-04	0.0	85.0	-482.47	-3.35	-0.10	2.43	0.0	0.0
2710	3	142.71	7.51	0.02	-3.02	0.0	-448.43	-0.17	-0.09	2.12	7.51	142.71
		0.0	0.0	-9.11e-04	0.0	85.0	-448.43	-3.19	-0.09	2.12	0.0	0.0
2710	4	116.15	6.38	0.02	-3.02	0.0	-380.50	0.15	-0.08	1.75	6.38	115.86
		0.0	0.0	-7.89e-04	0.0	85.0	-380.50	-2.87	-0.08	1.75	0.0	0.0
2710	5	116.15	6.38	0.02	-3.02	0.0	-380.50	0.15	-0.08	1.75	6.38	115.86
		0.0	0.0	-7.89e-04	0.0	85.0	-380.50	-2.87	-0.08	1.75	0.0	0.0
2711	1	185.27	0.51	-0.03	-3.93	0.0	-596.85	4.14	6.06e-03	-4.14	0.0	0.0
		0.0	0.0	-3.51e-03	0.0	85.0	-596.85	0.21	6.06e-03	-4.14	0.51	185.27
2711	2	151.60	0.44	-0.02	-3.02	0.0	-482.54	3.29	5.14e-03	-3.36	0.0	0.0
		0.0	0.0	-2.83e-03	0.0	85.0	-482.54	0.27	5.14e-03	-3.36	0.44	151.60
2711	3	138.46	0.41	-0.02	-3.02	0.0	-448.51	3.14	4.82e-03	-3.16	0.0	0.0
		0.0	0.0	-2.66e-03	0.0	85.0	-448.51	0.12	4.82e-03	-3.16	0.41	138.46
2711	4	112.66	0.34	-0.02	-3.02	0.0	-380.46	2.83	3.95e-03	-2.61	0.0	0.0
		0.0	0.0	-2.29e-03	0.0	85.0	-380.46	-0.19	3.95e-03	-2.61	0.34	112.14
2711	5	112.66	0.34	-0.02	-3.02	0.0	-380.46	2.83	3.95e-03	-2.61	0.0	0.0
		0.0	0.0	-2.29e-03	0.0	85.0	-380.46	-0.19	3.95e-03	-2.61	0.34	112.14
2712	1	33.09	5.90	-1.34e-03	-4.16	0.0	-189.80	2.29	0.08	-0.69	-0.94	-23.44
		-23.44	-0.94	-3.43e-03	0.0	90.0	-189.80	-1.87	0.08	-0.69	5.90	-4.85
2712	2	26.22	4.76	-1.07e-03	-3.20	0.0	-153.41	1.76	0.06	-0.55	-0.73	-17.53
		-17.53	-0.73	-2.77e-03	0.0	90.0	-153.41	-1.44	0.06	-0.55	4.76	-2.76
2712	3	25.09	4.46	-1.01e-03	-3.20	0.0	-142.45	1.75	0.06	-0.60	-0.77	-18.09
		-18.09	-0.77	-2.62e-03	0.0	90.0	-142.45	-1.45	0.06	-0.60	4.46	-4.32

2712	4	22.93	3.82	-9.04e-04	-3.20	0.0	-120.20	1.75	0.05	-0.49	-0.64	-19.88
		-19.88	-0.64	-2.24e-03	0.0	90.0	-120.20	-1.45	0.05	-0.49	3.82	-6.79
2712	5	22.93	3.82	-9.04e-04	-3.20	0.0	-120.20	1.75	0.05	-0.49	-0.64	-19.88
		-19.88	-0.64	-2.24e-03	0.0	90.0	-120.20	-1.45	0.05	-0.49	3.82	-6.79
2713	1	185.30	3.57	0.03	-3.93	0.0	-588.91	-0.22	-0.04	2.57	3.57	185.30
		0.0	0.0	-2.32e-03	0.0	85.0	-588.91	-4.14	-0.04	2.57	0.0	0.0
2713	2	151.66	2.90	0.02	-3.02	0.0	-476.52	-0.27	-0.03	2.11	2.90	151.66
		0.0	0.0	-1.86e-03	0.0	85.0	-476.52	-3.30	-0.03	2.11	0.0	0.0
2713	3	138.43	2.60	0.02	-3.02	0.0	-442.64	-0.12	-0.03	1.83	2.60	138.43
		0.0	0.0	-1.79e-03	0.0	85.0	-442.64	-3.14	-0.03	1.83	0.0	0.0
2713	4	112.56	2.25	0.02	-3.02	0.0	-374.95	0.19	-0.03	1.51	2.25	112.04
		0.0	0.0	-1.53e-03	0.0	85.0	-374.95	-2.83	-0.03	1.51	0.0	0.0
2713	5	112.56	2.25	0.02	-3.02	0.0	-374.95	0.19	-0.03	1.51	2.25	112.04
		0.0	0.0	-1.53e-03	0.0	85.0	-374.95	-2.83	-0.03	1.51	0.0	0.0
2714	1	290.85	0.27	-0.03	-3.93	0.0	-34.24	5.39	3.19e-03	-3.33	0.0	0.0
		0.0	0.0	-3.57e-03	0.0	85.0	-34.24	1.46	3.19e-03	-3.33	0.27	290.85
2714	2	236.93	0.24	-0.03	-3.02	0.0	-27.67	4.30	2.87e-03	-2.71	0.0	0.0
		0.0	0.0	-2.88e-03	0.0	85.0	-27.67	1.28	2.87e-03	-2.71	0.24	236.93
2714	3	217.83	0.23	-0.03	-3.02	0.0	-25.73	4.07	2.74e-03	-2.56	0.0	0.0
		0.0	0.0	-2.72e-03	0.0	85.0	-25.73	1.05	2.74e-03	-2.56	0.23	217.83
2714	4	179.52	0.15	-0.02	-3.02	0.0	-21.86	3.62	1.74e-03	-2.10	0.0	0.0
		0.0	0.0	-2.33e-03	0.0	85.0	-21.86	0.60	1.74e-03	-2.10	0.15	179.52
2714	5	179.52	0.15	-0.02	-3.02	0.0	-21.86	3.62	1.74e-03	-2.10	0.0	0.0
		0.0	0.0	-2.33e-03	0.0	85.0	-21.86	0.60	1.74e-03	-2.10	0.15	179.52
2715	1	32.04	6.40	-9.20e-04	-4.16	0.0	466.22	2.32	0.10	-0.62	-2.22	-26.36
		-26.36	-2.22	-3.65e-03	0.0	90.0	466.22	-1.84	0.10	-0.62	6.40	-4.46
2715	2	25.37	5.17	-7.37e-04	-3.20	0.0	377.07	1.80	0.08	-0.49	-1.77	-20.02
		-20.02	-1.77	-2.94e-03	0.0	90.0	377.07	-1.40	0.08	-0.49	5.17	-2.33
2715	3	24.31	4.83	-6.94e-04	-3.20	0.0	350.48	1.78	0.07	-0.55	-1.73	-20.28
		-20.28	-1.73	-2.78e-03	0.0	90.0	350.48	-1.42	0.07	-0.55	4.83	-4.03
2715	4	22.21	4.18	-6.23e-04	-3.20	0.0	297.07	1.76	0.06	-0.45	-1.51	-21.17
		-21.17	-1.51	-2.38e-03	0.0	90.0	297.07	-1.44	0.06	-0.45	4.18	-7.05
2715	5	22.21	4.18	-6.23e-04	-3.20	0.0	297.07	1.76	0.06	-0.45	-1.51	-21.17
		-21.17	-1.51	-2.38e-03	0.0	90.0	297.07	-1.44	0.06	-0.45	4.18	-7.05
2716	1	280.51	2.50	0.04	-3.93	0.0	-33.02	-1.34	-0.03	1.74	2.50	280.51
		0.0	0.0	-2.64e-03	0.0	85.0	-33.02	-5.26	-0.03	1.74	0.0	0.0
2716	2	228.68	2.04	0.03	-3.02	0.0	-26.70	-1.18	-0.02	1.44	2.04	228.68
		0.0	0.0	-2.12e-03	0.0	85.0	-26.70	-4.20	-0.02	1.44	0.0	0.0
2716	3	210.14	1.79	0.03	-3.02	0.0	-24.83	-0.96	-0.02	1.20	1.79	210.14
		0.0	0.0	-2.03e-03	0.0	85.0	-24.83	-3.98	-0.02	1.20	0.0	0.0
2716	4	173.05	1.59	0.02	-3.02	0.0	-21.09	-0.52	-0.02	1.01	1.59	173.05
		0.0	0.0	-1.73e-03	0.0	85.0	-21.09	-3.55	-0.02	1.01	0.0	0.0
2716	5	173.05	1.59	0.02	-3.02	0.0	-21.09	-0.52	-0.02	1.01	1.59	173.05
		0.0	0.0	-1.73e-03	0.0	85.0	-21.09	-3.55	-0.02	1.01	0.0	0.0
2717	1	295.19	7.28	-0.03	-3.93	0.0	-34.58	5.44	0.09	-1.93	0.0	0.0
		0.0	0.0	-4.78e-03	0.0	85.0	-34.58	1.51	0.09	-1.93	7.28	295.19
2717	2	240.47	5.90	-0.03	-3.02	0.0	-27.95	4.34	0.07	-1.58	0.0	0.0
		0.0	0.0	-3.86e-03	0.0	85.0	-27.95	1.32	0.07	-1.58	5.90	240.47
2717	3	221.10	5.51	-0.03	-3.02	0.0	-25.99	4.11	0.06	-1.52	0.0	0.0
		0.0	0.0	-3.62e-03	0.0	85.0	-25.99	1.09	0.06	-1.52	5.51	221.10
2717	4	182.37	4.63	-0.02	-3.02	0.0	-22.08	3.66	0.05	-1.23	0.0	0.0
		0.0	0.0	-3.10e-03	0.0	85.0	-22.08	0.63	0.05	-1.23	4.63	182.37
2717	5	182.37	4.63	-0.02	-3.02	0.0	-22.08	3.66	0.05	-1.23	0.0	0.0
		0.0	0.0	-3.10e-03	0.0	85.0	-22.08	0.63	0.05	-1.23	4.63	182.37
2718	1	31.95	8.97	1.35e-03	-4.16	0.0	468.12	2.26	0.10	-0.55	-0.38	-23.31
		-23.31	-0.38	-3.84e-03	0.0	90.0	468.12	-1.90	0.10	-0.55	8.97	-6.99
2718	2	25.30	7.25	1.09e-03	-3.20	0.0	378.62	1.75	0.08	-0.43	-0.29	-17.54
		-17.54	-0.29	-3.10e-03	0.0	90.0	378.62	-1.45	0.08	-0.43	7.25	-4.40
2718	3	24.24	6.76	1.02e-03	-3.20	0.0	351.88	1.73	0.08	-0.50	-0.34	-18.00
		-18.00	-0.34	-2.92e-03	0.0	90.0	351.88	-1.47	0.08	-0.50	6.76	-5.91
2718	4	22.15	5.84	8.73e-04	-3.20	0.0	298.31	1.71	0.07	-0.41	-0.35	-19.10
		-19.10	-0.35	-2.51e-03	0.0	90.0	298.31	-1.49	0.07	-0.41	5.84	-8.78
2718	5	22.15	5.84	8.73e-04	-3.20	0.0	298.31	1.71	0.07	-0.41	-0.35	-19.10
		-19.10	-0.35	-2.51e-03	0.0	90.0	298.31	-1.49	0.07	-0.41	5.84	-8.78
2719	1	280.42	7.75	0.04	-3.93	0.0	-32.59	-1.33	-0.09	0.66	7.75	280.42
		0.0	0.0	-1.94e-03	0.0	85.0	-32.59	-5.26	-0.09	0.66	0.0	0.0
2719	2	228.55	6.29	0.03	-3.02	0.0	-26.35	-1.18	-0.07	0.56	6.29	228.55
		0.0	0.0	-1.56e-03	0.0	85.0	-26.35	-4.20	-0.07	0.56	0.0	0.0
2719	3	210.06	5.72	0.03	-3.02	0.0	-24.52	-0.96	-0.07	0.37	5.72	210.06
		0.0	0.0	-1.50e-03	0.0	85.0	-24.52	-3.98	-0.07	0.37	0.0	0.0
2719	4	172.97	4.97	0.02	-3.02	0.0	-20.82	-0.52	-0.06	0.34	4.97	172.97
		0.0	0.0	-1.29e-03	0.0	85.0	-20.82	-3.55	-0.06	0.34	0.0	0.0
2719	5	172.97	4.97	0.02	-3.02	0.0	-20.82	-0.52	-0.06	0.34	4.97	172.97
		0.0	0.0	-1.29e-03	0.0	85.0	-20.82	-3.55	-0.06	0.34	0.0	0.0
2720	1	191.01	8.14	-0.02	-3.93	0.0	-607.53	4.21	0.10	-1.51	0.0	0.0
		0.0	0.0	-4.96e-03	0.0	85.0	-607.53	0.28	0.10	-1.51	8.14	191.01
2720	2	156.24	6.60	-0.02	-3.02	0.0	-491.38	3.35	0.08	-1.23	0.0	0.0



		0.0	0.0	-4.00e-03	0.0	85.0	-491.38	0.33	0.08	-1.23	6.60	156.24
2720	3	142.84	6.18	-0.02	-3.02	0.0	-456.81	3.19	0.07	-1.20	0.0	0.0
		0.0	0.0	-3.76e-03	0.0	85.0	-456.81	0.17	0.07	-1.20	6.18	142.84
2720	4	116.23	5.23	-0.01	-3.02	0.0	-386.75	2.88	0.06	-0.97	0.0	0.0
		0.0	0.0	-3.22e-03	0.0	85.0	-386.75	-0.15	0.06	-0.97	5.23	115.95
2720	5	116.23	5.23	-0.01	-3.02	0.0	-386.75	2.88	0.06	-0.97	0.0	0.0
		0.0	0.0	-3.22e-03	0.0	85.0	-386.75	-0.15	0.06	-0.97	5.23	115.95
2721	1	33.51	8.69	2.88e-03	-4.16	0.0	-191.24	2.05	0.10	-0.51	-0.62	-11.82
		-14.77	-0.62	-3.99e-03	0.0	90.0	-191.24	-2.11	0.10	-0.51	8.69	-14.77
2721	2	26.54	7.02	2.33e-03	-3.20	0.0	-154.56	1.57	0.08	-0.41	-0.48	-8.20
		-10.72	-0.48	-3.21e-03	0.0	90.0	-154.56	-1.63	0.08	-0.41	7.02	-10.72
2721	3	25.44	6.54	2.16e-03	-3.20	0.0	-144.33	1.57	0.08	-0.47	-0.51	-9.33
		-11.80	-0.51	-3.03e-03	0.0	90.0	-144.33	-1.63	0.08	-0.47	6.54	-11.80
2721	4	23.25	5.66	1.87e-03	-3.20	0.0	-122.02	1.56	0.07	-0.39	-0.47	-11.06
		-14.45	-0.47	-2.60e-03	0.0	90.0	-122.02	-1.64	0.07	-0.39	5.66	-14.45
2721	5	23.25	5.66	1.87e-03	-3.20	0.0	-122.02	1.56	0.07	-0.39	-0.47	-11.06
		-14.45	-0.47	-2.60e-03	0.0	90.0	-122.02	-1.64	0.07	-0.39	5.66	-14.45
2722	1	189.40	6.97	0.03	-3.93	0.0	-592.07	-0.26	-0.08	0.57	6.97	189.40
		0.0	0.0	-2.20e-03	0.0	85.0	-592.07	-4.19	-0.08	0.57	0.0	0.0
2722	2	154.93	5.65	0.02	-3.02	0.0	-478.85	-0.31	-0.07	0.48	5.65	154.93
		0.0	0.0	-1.76e-03	0.0	85.0	-478.85	-3.33	-0.07	0.48	0.0	0.0
2722	3	141.70	5.11	0.02	-3.02	0.0	-445.11	-0.16	-0.06	0.29	5.11	141.70
		0.0	0.0	-1.70e-03	0.0	85.0	-445.11	-3.18	-0.06	0.29	0.0	0.0
2722	4	115.26	4.48	0.02	-3.02	0.0	-378.15	0.16	-0.05	0.30	4.48	114.91
		0.0	0.0	-1.45e-03	0.0	85.0	-378.15	-2.86	-0.05	0.30	0.0	0.0
2722	5	115.26	4.48	0.02	-3.02	0.0	-378.15	0.16	-0.05	0.30	4.48	114.91
		0.0	0.0	-1.45e-03	0.0	85.0	-378.15	-2.86	-0.05	0.30	0.0	0.0
2723	1	183.27	2.04	-0.02	-3.93	0.0	-579.62	4.12	0.02	-2.11	0.0	0.0
		0.0	0.0	-3.89e-03	0.0	85.0	-579.62	0.19	0.02	-2.11	2.04	183.27
2723	2	150.03	1.66	-0.02	-3.02	0.0	-468.96	3.28	0.02	-1.71	0.0	0.0
		0.0	0.0	-3.14e-03	0.0	85.0	-468.96	0.25	0.02	-1.71	1.66	150.03
2723	3	136.98	1.61	-0.02	-3.02	0.0	-435.84	3.12	0.02	-1.66	0.0	0.0
		0.0	0.0	-2.96e-03	0.0	85.0	-435.84	0.10	0.02	-1.66	1.61	136.98
2723	4	111.45	1.38	-0.01	-3.02	0.0	-368.81	2.82	0.02	-1.37	0.0	0.0
		0.0	0.0	-2.55e-03	0.0	85.0	-368.81	-0.21	0.02	-1.37	1.38	110.85
2723	5	111.45	1.38	-0.01	-3.02	0.0	-368.81	2.82	0.02	-1.37	0.0	0.0
		0.0	0.0	-2.55e-03	0.0	85.0	-368.81	-0.21	0.02	-1.37	1.38	110.85
2724	1	34.01	4.09	5.18e-03	-4.16	0.0	-182.83	1.69	0.07	-0.56	-2.45	3.25
		-31.76	-2.45	-3.95e-03	0.0	90.0	-182.83	-2.47	0.07	-0.56	4.09	-31.76
2724	2	27.07	3.29	4.18e-03	-3.20	0.0	-147.84	1.29	0.06	-0.45	-1.95	3.95
		-24.41	-1.95	-3.18e-03	0.0	90.0	-147.84	-1.92	0.06	-0.45	3.29	-24.41
2724	3	25.81	3.08	3.90e-03	-3.20	0.0	-137.86	1.31	0.06	-0.52	-1.87	1.91
		-24.48	-1.87	-3.01e-03	0.0	90.0	-137.86	-1.89	0.06	-0.52	3.08	-24.48
2724	4	23.49	2.71	3.34e-03	-3.20	0.0	-116.85	1.34	0.05	-0.43	-1.60	-1.89
		-24.89	-1.60	-2.58e-03	0.0	90.0	-116.85	-1.86	0.05	-0.43	2.71	-24.89
2724	5	23.49	2.71	3.34e-03	-3.20	0.0	-116.85	1.34	0.05	-0.43	-1.60	-1.89
		-24.89	-1.60	-2.58e-03	0.0	90.0	-116.85	-1.86	0.05	-0.43	2.71	-24.89
2725	1	182.35	0.0	0.03	-3.93	0.0	-592.53	-0.18	0.02	1.14	-1.72	182.35
		0.0	-1.72	-3.60e-03	0.0	85.0	-592.53	-4.11	0.02	1.14	0.0	0.0
2725	2	149.27	0.0	0.02	-3.02	0.0	-479.21	-0.24	0.02	0.94	-1.39	149.27
		0.0	-1.39	-2.90e-03	0.0	85.0	-479.21	-3.27	0.02	0.94	0.0	0.0
2725	3	136.44	0.0	0.02	-3.02	0.0	-445.45	-0.09	0.02	0.72	-1.42	136.44
		0.0	-1.42	-2.76e-03	0.0	85.0	-445.45	-3.12	0.02	0.72	0.0	0.0
2725	4	111.01	0.0	0.02	-3.02	0.0	-378.09	0.21	0.01	0.69	-1.07	110.38
		0.0	-1.07	-2.35e-03	0.0	85.0	-378.09	-2.81	0.01	0.69	0.0	0.0
2725	5	111.01	0.0	0.02	-3.02	0.0	-378.09	0.21	0.01	0.69	-1.07	110.38
		0.0	-1.07	-2.35e-03	0.0	85.0	-378.09	-2.81	0.01	0.69	0.0	0.0
2726	1	248.92	0.0	-0.03	-3.93	0.0	-27.80	4.89	-4.27e-03	-2.19	0.0	0.0
		0.0	-0.36	-3.22e-03	0.0	85.0	-27.80	0.96	-4.27e-03	-2.19	-0.36	248.92
2726	2	203.22	0.0	-0.02	-3.02	0.0	-22.50	3.90	-3.18e-03	-1.77	0.0	0.0
		0.0	-0.27	-2.60e-03	0.0	85.0	-22.50	0.88	-3.18e-03	-1.77	-0.27	203.22
2726	3	186.26	0.0	-0.02	-3.02	0.0	-20.89	3.70	-2.10e-03	-1.73	0.0	0.0
		0.0	-0.18	-2.46e-03	0.0	85.0	-20.89	0.68	-2.10e-03	-1.73	-0.18	186.26
2726	4	152.27	0.0	-0.02	-3.02	0.0	-17.67	3.30	-1.84e-03	-1.45	0.0	0.0
		0.0	-0.16	-2.12e-03	0.0	85.0	-17.67	0.28	-1.84e-03	-1.45	-0.16	152.27
2726	5	152.27	0.0	-0.02	-3.02	0.0	-17.67	3.30	-1.84e-03	-1.45	0.0	0.0
		0.0	-0.16	-2.12e-03	0.0	85.0	-17.67	0.28	-1.84e-03	-1.45	-0.16	152.27
2727	1	42.82	-0.34	7.62e-03	-4.16	0.0	457.66	1.02	5.17e-03	-0.84	-0.81	31.46
		-63.53	-0.81	-3.56e-03	0.0	90.0	457.66	-3.14	5.17e-03	-0.84	-0.34	-63.53
2727	2	34.48	-0.29	6.15e-03	-3.20	0.0	370.27	0.75	3.68e-03	-0.67	-0.62	26.63
		-49.99	-0.62	-2.86e-03	0.0	90.0	370.27	-2.45	3.68e-03	-0.67	-0.29	-49.99
2727	3	32.26	-0.26	5.74e-03	-3.20	0.0	344.00	0.81	4.09e-03	-0.73	-0.63	23.14
		-48.39	-0.63	-2.71e-03	0.0	90.0	344.00	-2.40	4.09e-03	-0.73	-0.26	-48.39
2727	4	27.93	-0.12	4.91e-03	-3.20	0.0	291.27	0.92	4.80e-03	-0.62	-0.55	16.16
		-45.20	-0.55	-2.33e-03	0.0	90.0	291.27	-2.28	4.80e-03	-0.62	-0.12	-45.20
2727	5	27.93	-0.12	4.91e-03	-3.20	0.0	291.27	0.92	4.80e-03	-0.62	-0.55	16.16
		-45.20	-0.55	-2.33e-03	0.0	90.0	291.27	-2.28	4.80e-03	-0.62	-0.12	-45.20

2728	1	301.74	0.0	0.04	-3.93	0.0	-38.64	-1.59	0.06	0.27	-4.86	301.74
		0.0	-4.86	-3.92e-03	0.0	85.0	-38.64	-5.51	0.06	0.27	0.0	0.0
2728	2	245.79	0.0	0.03	-3.02	0.0	-31.23	-1.38	0.05	0.24	-3.92	245.79
		0.0	-3.92	-3.16e-03	0.0	85.0	-31.23	-4.40	0.05	0.24	0.0	0.0
2728	3	226.06	0.0	0.03	-3.02	0.0	-29.05	-1.15	0.04	0.06	-3.78	226.06
		0.0	-3.78	-2.99e-03	0.0	85.0	-29.05	-4.17	0.04	0.06	0.0	0.0
2728	4	186.57	0.0	0.03	-3.02	0.0	-24.70	-0.68	0.04	0.14	-3.07	186.57
		0.0	-3.07	-2.54e-03	0.0	85.0	-24.70	-3.71	0.04	0.14	0.0	0.0
2728	5	186.57	0.0	0.03	-3.02	0.0	-24.70	-0.68	0.04	0.14	-3.07	186.57
		0.0	-3.07	-2.54e-03	0.0	85.0	-24.70	-3.71	0.04	0.14	0.0	0.0
2729	1	274.14	3.57	-0.03	-3.93	0.0	-28.63	5.19	0.04	-1.45	0.0	0.0
		0.0	0.0	-3.50e-03	0.0	85.0	-28.63	1.26	0.04	-1.45	3.57	274.14
2729	2	223.58	2.91	-0.02	-3.02	0.0	-23.16	4.14	0.03	-1.17	0.0	0.0
		0.0	0.0	-2.83e-03	0.0	85.0	-23.16	1.12	0.03	-1.17	2.91	223.58
2729	3	205.18	2.78	-0.02	-3.02	0.0	-21.50	3.93	0.03	-1.18	0.0	0.0
		0.0	0.0	-2.67e-03	0.0	85.0	-21.50	0.90	0.03	-1.18	2.78	205.18
2729	4	168.43	2.32	-0.02	-3.02	0.0	-18.19	3.49	0.03	-1.01	0.0	0.0
		0.0	0.0	-2.29e-03	0.0	85.0	-18.19	0.47	0.03	-1.01	2.32	168.43
2729	5	168.43	2.32	-0.02	-3.02	0.0	-18.19	3.49	0.03	-1.01	0.0	0.0
		0.0	0.0	-2.29e-03	0.0	85.0	-18.19	0.47	0.03	-1.01	2.32	168.43
2730	1	43.79	4.16	6.85e-03	-4.16	0.0	499.32	1.08	-0.07	-1.22	4.16	31.12
		-58.61	-1.94	-2.98e-03	0.0	90.0	499.32	-3.08	-0.07	-1.22	-1.94	-58.61
2730	2	35.22	3.39	5.52e-03	-3.20	0.0	403.87	0.80	-0.06	-0.98	3.39	26.26
		-45.92	-1.56	-2.40e-03	0.0	90.0	403.87	-2.40	-0.06	-0.98	-1.56	-45.92
2730	3	32.97	3.12	5.15e-03	-3.20	0.0	375.20	0.85	-0.05	-1.02	3.12	22.83
		-44.64	-1.47	-2.27e-03	0.0	90.0	375.20	-2.35	-0.05	-1.02	-1.47	-44.64
2730	4	28.79	2.62	4.42e-03	-3.20	0.0	317.94	0.95	-0.04	-0.87	2.62	16.01
		-42.11	-1.15	-1.96e-03	0.0	90.0	317.94	-2.25	-0.04	-0.87	-1.15	-42.11
2730	5	28.79	2.62	4.42e-03	-3.20	0.0	317.94	0.95	-0.04	-0.87	2.62	16.01
		-42.11	-1.15	-1.96e-03	0.0	90.0	317.94	-2.25	-0.04	-0.87	-1.15	-42.11
2731	1	316.60	0.85	0.04	-3.93	0.0	-38.59	-1.76	-9.97e-03	-1.61	0.85	316.60
		0.0	0.0	-2.72e-03	0.0	85.0	-38.59	-5.69	-9.97e-03	-1.61	0.0	0.0
2731	2	257.81	0.70	0.03	-3.02	0.0	-31.19	-1.52	-8.19e-03	-1.29	0.70	257.81
		0.0	0.0	-2.18e-03	0.0	85.0	-31.19	-4.54	-8.19e-03	-1.29	0.0	0.0
2731	3	237.24	0.50	0.03	-3.02	0.0	-29.02	-1.28	-5.83e-03	-1.36	0.50	237.24
		0.0	0.0	-2.09e-03	0.0	85.0	-29.02	-4.30	-5.83e-03	-1.36	0.0	0.0
2731	4	196.08	0.58	0.03	-3.02	0.0	-24.67	-0.80	-6.86e-03	-1.03	0.58	196.08
		0.0	0.0	-1.78e-03	0.0	85.0	-24.67	-3.82	-6.86e-03	-1.03	0.0	0.0
2731	5	196.08	0.58	0.03	-3.02	0.0	-24.67	-0.80	-6.86e-03	-1.03	0.58	196.08
		0.0	0.0	-1.78e-03	0.0	85.0	-24.67	-3.82	-6.86e-03	-1.03	0.0	0.0
2732	1	286.91	11.32	-0.03	-3.93	0.0	-31.00	5.34	0.13	-0.71	0.0	0.0
		0.0	0.0	-4.46e-03	0.0	85.0	-31.00	1.41	0.13	-0.71	11.32	286.91
2732	2	233.78	9.18	-0.03	-3.02	0.0	-25.06	4.26	0.11	-0.57	0.0	0.0
		0.0	0.0	-3.61e-03	0.0	85.0	-25.06	1.24	0.11	-0.57	9.18	233.78
2732	3	214.82	8.62	-0.02	-3.02	0.0	-23.30	4.04	0.10	-0.63	0.0	0.0
		0.0	0.0	-3.40e-03	0.0	85.0	-23.30	1.02	0.10	-0.63	8.62	214.82
2732	4	176.90	7.25	-0.02	-3.02	0.0	-19.75	3.59	0.09	-0.57	0.0	0.0
		0.0	0.0	-2.90e-03	0.0	85.0	-19.75	0.57	0.09	-0.57	7.25	176.90
2732	5	176.90	7.25	-0.02	-3.02	0.0	-19.75	3.59	0.09	-0.57	0.0	0.0
		0.0	0.0	-2.90e-03	0.0	85.0	-19.75	0.57	0.09	-0.57	7.25	176.90
2733	1	38.07	9.85	4.42e-03	-4.16	0.0	482.25	1.33	-0.13	-1.52	9.85	18.94
		-48.56	-2.21	-2.57e-03	0.0	90.0	482.25	-2.83	-0.13	-1.52	-2.21	-48.56
2733	2	30.45	7.98	3.56e-03	-3.20	0.0	390.01	1.00	-0.11	-1.22	7.98	16.51
		-37.90	-1.77	-2.07e-03	0.0	90.0	390.01	-2.20	-0.11	-1.22	-1.77	-37.90
2733	3	28.75	7.41	3.32e-03	-3.20	0.0	362.39	1.04	-0.10	-1.25	7.41	13.65
		-37.06	-1.69	-1.96e-03	0.0	90.0	362.39	-2.16	-0.10	-1.25	-1.69	-37.06
2733	4	25.47	6.26	2.85e-03	-3.20	0.0	307.16	1.12	-0.08	-1.07	6.26	8.03
		-35.48	-1.35	-1.69e-03	0.0	90.0	307.16	-2.08	-0.08	-1.07	-1.35	-35.48
2733	5	25.47	6.26	2.85e-03	-3.20	0.0	307.16	1.12	-0.08	-1.07	6.26	8.03
		-35.48	-1.35	-1.69e-03	0.0	90.0	307.16	-2.08	-0.08	-1.07	-1.35	-35.48
2734	1	300.78	8.01	0.04	-3.93	0.0	-36.82	-1.57	-0.09	-3.26	8.01	300.78
		0.0	0.0	-1.35e-03	0.0	85.0	-36.82	-5.50	-0.09	-3.26	0.0	0.0
2734	2	244.96	6.49	0.03	-3.02	0.0	-29.76	-1.37	-0.08	-2.64	6.49	244.96
		0.0	0.0	-1.08e-03	0.0	85.0	-29.76	-4.39	-0.08	-2.64	0.0	0.0
2734	3	225.32	5.86	0.03	-3.02	0.0	-27.68	-1.14	-0.07	-2.61	5.86	225.32
		0.0	0.0	-1.06e-03	0.0	85.0	-27.68	-4.16	-0.07	-2.61	0.0	0.0
2734	4	186.15	5.16	0.02	-3.02	0.0	-23.56	-0.68	-0.06	-2.04	5.16	186.15
		0.0	0.0	-9.03e-04	0.0	85.0	-23.56	-3.70	-0.06	-2.04	0.0	0.0
2734	5	186.15	5.16	0.02	-3.02	0.0	-23.56	-0.68	-0.06	-2.04	5.16	186.15
		0.0	0.0	-9.03e-04	0.0	85.0	-23.56	-3.70	-0.06	-2.04	0.0	0.0
2735	1	186.50	15.23	-0.02	-3.93	0.0	-577.71	4.16	0.18	-0.94	0.0	0.0
		0.0	0.0	-4.93e-03	0.0	85.0	-577.71	0.23	0.18	-0.94	15.23	186.50
2735	2	152.58	12.35	-0.02	-3.02	0.0	-467.26	3.31	0.15	-0.75	0.0	0.0
		0.0	0.0	-3.98e-03	0.0	85.0	-467.26	0.28	0.15	-0.75	12.35	152.58
2735	3	139.30	11.57	-0.02	-3.02	0.0	-434.33	3.15	0.14	-0.82	0.0	0.0
		0.0	0.0	-3.74e-03	0.0	85.0	-434.33	0.13	0.14	-0.82	11.57	139.30
2735	4	113.48	9.73	-0.02	-3.02	0.0	-368.44	2.84	0.11	-0.75	0.0	0.0

		0.0	0.0	-3.20e-03	0.0	85.0	-368.44	-0.18	0.11	-0.75	9.73	113.01
2735	5	113.48	9.73	-0.02	-3.02	0.0	-368.44	2.84	0.11	-0.75	0.0	0.0
		0.0	0.0	-3.20e-03	0.0	85.0	-368.44	-0.18	0.11	-0.75	9.73	113.01
2736	1	33.36	12.47	1.38e-03	-4.16	0.0	-192.42	1.86	-0.17	-1.67	12.47	-4.11
		-23.78	-3.04	-2.41e-03	0.0	90.0	-192.42	-2.30	-0.17	-1.67	-3.04	-23.78
2736	2	26.44	10.09	1.11e-03	-3.20	0.0	-155.60	1.42	-0.14	-1.34	10.09	-2.05
		-17.94	-2.44	-1.94e-03	0.0	90.0	-155.60	-1.78	-0.14	-1.34	-2.44	-17.94
2736	3	25.32	9.38	1.03e-03	-3.20	0.0	-144.25	1.43	-0.13	-1.37	9.38	-3.62
		-18.50	-2.33	-1.84e-03	0.0	90.0	-144.25	-1.77	-0.13	-1.37	-2.33	-18.50
2736	4	23.06	7.94	8.84e-04	-3.20	0.0	-122.45	1.46	-0.11	-1.17	7.94	-6.74
		-19.63	-1.90	-1.59e-03	0.0	90.0	-122.45	-1.74	-0.11	-1.17	-1.90	-19.63
2736	5	23.06	7.94	8.84e-04	-3.20	0.0	-122.45	1.46	-0.11	-1.17	7.94	-6.74
		-19.63	-1.90	-1.59e-03	0.0	90.0	-122.45	-1.74	-0.11	-1.17	-1.90	-19.63
2737	1	183.22	10.27	0.03	-3.93	0.0	-584.60	-0.19	-0.12	-3.46	10.27	183.22
		0.0	0.0	-9.23e-04	0.0	85.0	-584.60	-4.12	-0.12	-3.46	0.0	0.0
2737	2	149.91	8.32	0.02	-3.02	0.0	-472.61	-0.25	-0.10	-2.79	8.32	149.91
		0.0	0.0	-7.33e-04	0.0	85.0	-472.61	-3.27	-0.10	-2.79	0.0	0.0
2737	3	136.96	7.53	0.02	-3.02	0.0	-439.34	-0.10	-0.09	-2.75	7.53	136.96
		0.0	0.0	-7.46e-04	0.0	85.0	-439.34	-3.12	-0.09	-2.75	0.0	0.0
2737	4	111.67	6.59	0.02	-3.02	0.0	-373.19	0.20	-0.08	-2.14	6.59	111.09
		0.0	0.0	-6.32e-04	0.0	85.0	-373.19	-2.82	-0.08	-2.14	0.0	0.0
2737	5	111.67	6.59	0.02	-3.02	0.0	-373.19	0.20	-0.08	-2.14	6.59	111.09
		0.0	0.0	-6.32e-04	0.0	85.0	-373.19	-2.82	-0.08	-2.14	0.0	0.0
2738	1	144.56	9.96	-0.02	-3.93	0.0	-489.96	3.66	0.12	-1.86	0.0	0.0
		0.0	0.0	-4.11e-03	0.0	85.0	-489.96	-0.27	0.12	-1.86	9.96	143.76
2738	2	118.09	8.10	-0.02	-3.02	0.0	-395.92	2.90	0.10	-1.48	0.0	0.0
		0.0	0.0	-3.32e-03	0.0	85.0	-395.92	-0.12	0.10	-1.48	8.10	117.93
2738	3	108.03	7.60	-0.02	-3.02	0.0	-368.28	2.77	0.09	-1.51	0.0	0.0
		0.0	0.0	-3.13e-03	0.0	85.0	-368.28	-0.25	0.09	-1.51	7.60	107.21
2738	4	89.45	6.36	-0.01	-3.02	0.0	-313.49	2.52	0.07	-1.36	0.0	0.0
		0.0	0.0	-2.67e-03	0.0	85.0	-313.49	-0.50	0.07	-1.36	6.36	86.01
2738	5	89.45	6.36	-0.01	-3.02	0.0	-313.49	2.52	0.07	-1.36	0.0	0.0
		0.0	0.0	-2.67e-03	0.0	85.0	-313.49	-0.50	0.07	-1.36	6.36	86.01
2739	1	30.13	9.87	-2.00e-03	-4.16	0.0	-153.49	2.42	-0.15	-1.73	9.87	-33.10
		-33.10	-3.99	-2.44e-03	0.0	90.0	-153.49	-1.74	-0.15	-1.73	-3.99	-2.61
2739	2	23.81	8.00	-1.61e-03	-3.20	0.0	-124.04	1.87	-0.12	-1.38	8.00	-25.39
		-25.39	-3.21	-1.96e-03	0.0	90.0	-124.04	-1.33	-0.12	-1.38	-3.21	-0.93
2739	3	22.90	7.42	-1.51e-03	-3.20	0.0	-115.04	1.86	-0.12	-1.41	7.42	-25.52
		-25.52	-3.05	-1.86e-03	0.0	90.0	-115.04	-1.34	-0.12	-1.41	-3.05	-2.46
2739	4	21.07	6.27	-1.32e-03	-3.20	0.0	-97.70	1.82	-0.10	-1.22	6.27	-25.75
		-25.75	-2.52	-1.61e-03	0.0	90.0	-97.70	-1.38	-0.10	-1.22	-2.52	-5.53
2739	5	21.07	6.27	-1.32e-03	-3.20	0.0	-97.70	1.82	-0.10	-1.22	6.27	-25.75
		-25.75	-2.52	-1.61e-03	0.0	90.0	-97.70	-1.38	-0.10	-1.22	-2.52	-5.53
2740	1	142.60	7.19	0.02	-3.93	0.0	-467.73	0.30	-0.08	-2.80	7.19	141.67
		0.0	0.0	-1.49e-03	0.0	85.0	-467.73	-3.63	-0.08	-2.80	0.0	0.0
2740	2	116.50	5.83	0.02	-3.02	0.0	-378.12	0.14	-0.07	-2.27	5.83	116.24
		0.0	0.0	-1.19e-03	0.0	85.0	-378.12	-2.88	-0.07	-2.27	0.0	0.0
2740	3	106.66	5.21	0.01	-3.02	0.0	-351.59	0.27	-0.06	-2.26	5.21	105.74
		0.0	0.0	-1.18e-03	0.0	85.0	-351.59	-2.76	-0.06	-2.26	0.0	0.0
2740	4	88.42	4.61	0.01	-3.02	0.0	-298.43	0.51	-0.05	-1.70	4.61	84.74
		0.0	0.0	-9.98e-04	0.0	85.0	-298.43	-2.51	-0.05	-1.70	0.0	0.0
2740	5	88.42	4.61	0.01	-3.02	0.0	-298.43	0.51	-0.05	-1.70	4.61	84.74
		0.0	0.0	-9.98e-04	0.0	85.0	-298.43	-2.51	-0.05	-1.70	0.0	0.0
2741	1	195.74	5.56	-0.03	-3.93	0.0	-25.29	4.27	0.07	-2.43	0.0	0.0
		0.0	0.0	-3.47e-03	0.0	85.0	-25.29	0.34	0.07	-2.43	5.56	195.74
2741	2	159.78	4.55	-0.02	-3.02	0.0	-20.42	3.39	0.05	-1.94	0.0	0.0
		0.0	0.0	-2.81e-03	0.0	85.0	-20.42	0.37	0.05	-1.94	4.55	159.78
2741	3	146.38	4.29	-0.02	-3.02	0.0	-19.01	3.23	0.05	-1.94	0.0	0.0
		0.0	0.0	-2.65e-03	0.0	85.0	-19.01	0.21	0.05	-1.94	4.29	146.38
2741	4	119.87	3.53	-0.02	-3.02	0.0	-16.23	2.92	0.04	-1.73	0.0	0.0
		0.0	0.0	-2.26e-03	0.0	85.0	-16.23	-0.10	0.04	-1.73	3.53	119.83
2741	5	119.87	3.53	-0.02	-3.02	0.0	-16.23	2.92	0.04	-1.73	0.0	0.0
		0.0	0.0	-2.26e-03	0.0	85.0	-16.23	-0.10	0.04	-1.73	3.53	119.83
2742	1	32.20	7.38	-3.80e-03	-4.16	0.0	275.65	2.87	-0.13	-1.68	7.38	-56.58
		-56.58	-4.03	-2.50e-03	0.0	90.0	275.65	-1.30	-0.13	-1.68	-4.03	14.05
2742	2	25.66	5.99	-3.05e-03	-3.20	0.0	222.65	2.23	-0.10	-1.35	5.99	-44.31
		-44.31	-3.24	-2.01e-03	0.0	90.0	222.65	-0.97	-0.10	-1.35	-3.24	12.46
2742	3	24.33	5.55	-2.86e-03	-3.20	0.0	207.31	2.19	-0.10	-1.38	5.55	-43.05
		-43.05	-3.07	-1.91e-03	0.0	90.0	207.31	-1.01	-0.10	-1.38	-3.07	9.95
2742	4	21.85	4.68	-2.49e-03	-3.20	0.0	176.62	2.12	-0.08	-1.19	4.68	-40.98
		-40.98	-2.54	-1.64e-03	0.0	90.0	176.62	-1.08	-0.08	-1.19	-2.54	5.40
2742	5	21.85	4.68	-2.49e-03	-3.20	0.0	176.62	2.12	-0.08	-1.19	4.68	-40.98
		-40.98	-2.54	-1.64e-03	0.0	90.0	176.62	-1.08	-0.08	-1.19	-2.54	5.40
2743	1	126.61	5.42	0.02	-3.93	0.0	-11.31	0.51	-0.06	-2.54	5.42	123.82
		0.0	0.0	-1.86e-03	0.0	85.0	-11.31	-3.42	-0.06	-2.54	0.0	0.0
2743	2	103.08	4.40	0.01	-3.02	0.0	-9.15	0.31	-0.05	-2.05	4.40	101.75
		0.0	0.0	-1.49e-03	0.0	85.0	-9.15	-2.71	-0.05	-2.05	0.0	0.0

2743	3	94.90	3.88	0.01	-3.02	0.0	-8.51	0.42	-0.05	-2.06	3.88	92.40
		0.0	0.0	-1.45e-03	0.0	85.0	-8.51	-2.60	-0.05	-2.06	0.0	0.0
2743	4	79.36	3.48	0.01	-3.02	0.0	-7.21	0.65	-0.04	-1.53	3.48	73.59
		0.0	0.0	-1.23e-03	0.0	85.0	-7.21	-2.38	-0.04	-1.53	0.0	0.0
2743	5	79.36	3.48	0.01	-3.02	0.0	-7.21	0.65	-0.04	-1.53	3.48	73.59
		0.0	0.0	-1.23e-03	0.0	85.0	-7.21	-2.38	-0.04	-1.53	0.0	0.0
2744	1	498.97	3.56	-0.03	-2.08	0.0	-5.99	12.13	0.08	1.06	0.0	0.0
		0.0	0.0	-4.83e-04	0.0	45.0	-5.99	10.05	0.08	1.06	3.56	498.97
2744	2	405.37	2.92	-0.02	-1.60	0.0	-4.86	9.81	0.06	0.84	0.0	0.0
		0.0	0.0	-3.89e-04	0.0	45.0	-4.86	8.21	0.06	0.84	2.92	405.37
2744	3	374.27	2.66	-0.02	-1.60	0.0	-4.49	9.12	0.06	0.81	0.0	0.0
		0.0	0.0	-3.64e-04	0.0	45.0	-4.49	7.52	0.06	0.81	2.66	374.27
2744	4	312.08	2.14	-0.02	-1.60	0.0	-3.78	7.74	0.05	0.75	0.0	0.0
		0.0	0.0	-3.16e-04	0.0	45.0	-3.78	6.14	0.05	0.75	2.14	312.08
2744	5	312.08	2.14	-0.02	-1.60	0.0	-3.78	7.74	0.05	0.75	0.0	0.0
		0.0	0.0	-3.16e-04	0.0	45.0	-3.78	6.14	0.05	0.75	2.14	312.08
2745	1	552.76	10.67	-0.03	-2.08	0.0	144.36	13.32	0.24	-4.04	0.0	0.0
		0.0	0.0	-1.60e-03	0.0	45.0	144.36	11.24	0.24	-4.04	10.67	552.76
2745	2	449.14	8.67	-0.02	-1.60	0.0	116.72	10.78	0.19	-3.28	0.0	0.0
		0.0	0.0	-1.29e-03	0.0	45.0	116.72	9.18	0.19	-3.28	8.67	449.14
2745	3	414.54	8.00	-0.02	-1.60	0.0	108.61	10.01	0.18	-3.02	0.0	0.0
		0.0	0.0	-1.20e-03	0.0	45.0	108.61	8.41	0.18	-3.02	8.00	414.54
2745	4	345.35	6.66	-0.02	-1.60	0.0	92.40	8.47	0.15	-2.47	0.0	0.0
		0.0	0.0	-1.03e-03	0.0	45.0	92.40	6.87	0.15	-2.47	6.66	345.35
2745	5	345.35	6.66	-0.02	-1.60	0.0	92.40	8.47	0.15	-2.47	0.0	0.0
		0.0	0.0	-1.03e-03	0.0	45.0	92.40	6.87	0.15	-2.47	6.66	345.35
2746	1	562.03	12.64	-0.02	-2.08	0.0	159.12	13.53	0.28	0.24	0.0	0.0
		0.0	0.0	-3.05e-03	0.0	45.0	159.12	11.45	0.28	0.24	12.64	562.03
2746	2	456.75	10.25	-0.02	-1.60	0.0	128.59	10.95	0.23	0.16	0.0	0.0
		0.0	0.0	-2.47e-03	0.0	45.0	128.59	9.35	0.23	0.16	10.25	456.75
2746	3	421.45	9.49	-0.02	-1.60	0.0	119.75	10.17	0.21	0.18	0.0	0.0
		0.0	0.0	-2.30e-03	0.0	45.0	119.75	8.57	0.21	0.18	9.49	421.45
2746	4	350.80	7.92	-0.02	-1.60	0.0	102.31	8.60	0.18	0.24	0.0	0.0
		0.0	0.0	-1.96e-03	0.0	45.0	102.31	7.00	0.18	0.24	7.92	350.80
2746	5	350.80	7.92	-0.02	-1.60	0.0	102.31	8.60	0.18	0.24	0.0	0.0
		0.0	0.0	-1.96e-03	0.0	45.0	102.31	7.00	0.18	0.24	7.92	350.80
2747	1	521.87	5.21	-0.02	-2.08	0.0	177.03	12.64	0.12	5.59	0.0	0.0
		0.0	0.0	-1.53e-03	0.0	45.0	177.03	10.56	0.12	5.59	5.21	521.87
2747	2	424.08	4.25	-0.01	-1.60	0.0	143.53	10.22	0.09	4.50	0.0	0.0
		0.0	0.0	-1.23e-03	0.0	45.0	143.53	8.62	0.09	4.50	4.25	424.08
2747	3	391.39	3.90	-0.01	-1.60	0.0	132.88	9.50	0.09	4.21	0.0	0.0
		0.0	0.0	-1.15e-03	0.0	45.0	132.88	7.90	0.09	4.21	3.90	391.39
2747	4	326.01	3.20	-0.01	-1.60	0.0	111.70	8.04	0.07	3.62	0.0	0.0
		0.0	0.0	-9.83e-04	0.0	45.0	111.70	6.44	0.07	3.62	3.20	326.01
2747	5	326.01	3.20	-0.01	-1.60	0.0	111.70	8.04	0.07	3.62	0.0	0.0
		0.0	0.0	-9.83e-04	0.0	45.0	111.70	6.44	0.07	3.62	3.20	326.01
2748	1	516.75	4.45	-0.01	-2.08	0.0	62.88	12.52	0.10	0.67	0.0	0.0
		0.0	0.0	-4.88e-05	0.0	45.0	62.88	10.44	0.10	0.67	4.45	516.75
2748	2	419.86	3.65	-0.01	-1.60	0.0	51.04	10.13	0.08	0.53	0.0	0.0
		0.0	0.0	-4.06e-05	0.0	45.0	51.04	8.53	0.08	0.53	3.65	419.86
2748	3	387.56	3.34	-0.01	-1.60	0.0	47.17	9.41	0.07	0.53	0.0	0.0
		0.0	0.0	-3.81e-05	0.0	45.0	47.17	7.81	0.07	0.53	3.34	387.56
2748	4	322.90	2.72	-8.88e-03	-1.60	0.0	39.43	7.98	0.06	0.48	0.0	0.0
		0.0	0.0	-3.95e-05	0.0	45.0	39.43	6.38	0.06	0.48	2.72	322.90
2748	5	322.90	2.72	-8.88e-03	-1.60	0.0	39.43	7.98	0.06	0.48	0.0	0.0
		0.0	0.0	-3.95e-05	0.0	45.0	39.43	6.38	0.06	0.48	2.72	322.90
2749	1	558.76	12.37	-0.02	-2.08	0.0	-150.04	13.46	0.27	-5.99	0.0	0.0
		0.0	0.0	-1.76e-03	0.0	45.0	-150.04	11.38	0.27	-5.99	12.37	558.76
2749	2	453.99	10.04	-0.01	-1.60	0.0	-121.93	10.89	0.22	-4.87	0.0	0.0
		0.0	0.0	-1.42e-03	0.0	45.0	-121.93	9.29	0.22	-4.87	10.04	453.99
2749	3	418.98	9.26	-0.01	-1.60	0.0	-112.34	10.11	0.21	-4.51	0.0	0.0
		0.0	0.0	-1.32e-03	0.0	45.0	-112.34	8.51	0.21	-4.51	9.26	418.98
2749	4	348.88	7.74	-0.01	-1.60	0.0	-93.36	8.55	0.17	-3.80	0.0	0.0
		0.0	0.0	-1.13e-03	0.0	45.0	-93.36	6.95	0.17	-3.80	7.74	348.88
2749	5	348.88	7.74	-0.01	-1.60	0.0	-93.36	8.55	0.17	-3.80	0.0	0.0
		0.0	0.0	-1.13e-03	0.0	45.0	-93.36	6.95	0.17	-3.80	7.74	348.88
2750	1	553.19	12.82	-0.02	-2.08	0.0	-203.33	13.33	0.28	-1.69	0.0	0.0
		0.0	0.0	-3.35e-03	0.0	45.0	-203.33	11.25	0.28	-1.69	12.82	553.19
2750	2	449.58	10.40	-0.01	-1.60	0.0	-165.25	10.79	0.23	-1.40	0.0	0.0
		0.0	0.0	-2.70e-03	0.0	45.0	-165.25	9.19	0.23	-1.40	10.40	449.58
2750	3	414.80	9.61	-0.01	-1.60	0.0	-152.40	10.02	0.21	-1.27	0.0	0.0
		0.0	0.0	-2.52e-03	0.0	45.0	-152.40	8.42	0.21	-1.27	9.61	414.80
2750	4	345.22	8.10	-0.01	-1.60	0.0	-127.02	8.47	0.18	-1.01	0.0	0.0
		0.0	0.0	-2.15e-03	0.0	45.0	-127.02	6.87	0.18	-1.01	8.10	345.22
2750	5	345.22	8.10	-0.01	-1.60	0.0	-127.02	8.47	0.18	-1.01	0.0	0.0
		0.0	0.0	-2.15e-03	0.0	45.0	-127.02	6.87	0.18	-1.01	8.10	345.22
2751	1	513.82	3.51	-0.02	-2.08	0.0	-136.43	12.46	0.08	4.34	0.0	0.0

		0.0	0.0	-1.46e-03	0.0	45.0	-136.43	10.38	0.08	4.34	3.51	513.82
2751	2	417.57	2.88	-0.01	-1.60	0.0	-110.60	10.08	0.06	3.48	0.0	0.0
		0.0	0.0	-1.18e-03	0.0	45.0	-110.60	8.48	0.06	3.48	2.88	417.57
2751	3	385.36	2.63	-0.01	-1.60	0.0	-102.53	9.36	0.06	3.27	0.0	0.0
		0.0	0.0	-1.09e-03	0.0	45.0	-102.53	7.76	0.06	3.27	2.63	385.36
2751	4	320.91	2.12	-9.70e-03	-1.60	0.0	-86.33	7.93	0.05	2.82	0.0	0.0
		0.0	0.0	-9.32e-04	0.0	45.0	-86.33	6.33	0.05	2.82	2.12	320.91
2751	5	320.91	2.12	-9.70e-03	-1.60	0.0	-86.33	7.93	0.05	2.82	0.0	0.0
		0.0	0.0	-9.32e-04	0.0	45.0	-86.33	6.33	0.05	2.82	2.12	320.91
2752	1	519.11	2.15	-0.01	-2.08	0.0	-160.30	12.58	0.05	-0.41	0.0	0.0
		0.0	0.0	5.31e-04	0.0	45.0	-160.30	10.50	0.05	-0.41	2.15	519.11
2752	2	421.77	1.78	-0.01	-1.60	0.0	-129.83	10.17	0.04	-0.35	0.0	0.0
		0.0	0.0	4.30e-04	0.0	45.0	-129.83	8.57	0.04	-0.35	1.78	421.77
2752	3	389.35	1.60	-0.01	-1.60	0.0	-120.43	9.45	0.04	-0.29	0.0	0.0
		0.0	0.0	3.97e-04	0.0	45.0	-120.43	7.85	0.04	-0.29	1.60	389.35
2752	4	324.50	1.24	-9.22e-03	-1.60	0.0	-101.55	8.01	0.03	-0.16	0.0	0.0
		0.0	0.0	3.30e-04	0.0	45.0	-101.55	6.41	0.03	-0.16	1.24	324.50
2752	5	324.50	1.24	-9.22e-03	-1.60	0.0	-101.55	8.01	0.03	-0.16	0.0	0.0
		0.0	0.0	3.30e-04	0.0	45.0	-101.55	6.41	0.03	-0.16	1.24	324.50
2753	1	576.50	9.52	-0.02	-2.08	0.0	-264.05	13.85	0.21	-7.89	0.0	0.0
		0.0	0.0	-1.42e-03	0.0	45.0	-264.05	11.77	0.21	-7.89	9.52	576.50
2753	2	468.40	7.74	-0.02	-1.60	0.0	-214.38	11.21	0.17	-6.39	0.0	0.0
		0.0	0.0	-1.14e-03	0.0	45.0	-214.38	9.61	0.17	-6.39	7.74	468.40
2753	3	432.34	7.12	-0.01	-1.60	0.0	-197.96	10.41	0.16	-5.92	0.0	0.0
		0.0	0.0	-1.07e-03	0.0	45.0	-197.96	8.81	0.16	-5.92	7.12	432.34
2753	4	360.24	5.90	-0.01	-1.60	0.0	-165.13	8.81	0.13	-5.01	0.0	0.0
		0.0	0.0	-9.12e-04	0.0	45.0	-165.13	7.21	0.13	-5.01	5.90	360.24
2753	5	360.24	5.90	-0.01	-1.60	0.0	-165.13	8.81	0.13	-5.01	0.0	0.0
		0.0	0.0	-9.12e-04	0.0	45.0	-165.13	7.21	0.13	-5.01	5.90	360.24
2754	1	576.01	10.01	-0.02	-2.08	0.0	-180.85	13.84	0.22	-3.72	0.0	0.0
		0.0	0.0	-1.22e-03	0.0	45.0	-180.85	11.76	0.22	-3.72	10.01	576.01
2754	2	468.14	8.13	-0.02	-1.60	0.0	-147.12	11.20	0.18	-3.01	0.0	0.0
		0.0	0.0	-9.92e-04	0.0	45.0	-147.12	9.60	0.18	-3.01	8.13	468.14
2754	3	431.95	7.49	-0.02	-1.60	0.0	-135.49	10.40	0.17	-2.78	0.0	0.0
		0.0	0.0	-9.15e-04	0.0	45.0	-135.49	8.80	0.17	-2.78	7.49	431.95
2754	4	359.57	6.23	-0.01	-1.60	0.0	-112.26	8.79	0.14	-2.34	0.0	0.0
		0.0	0.0	-7.70e-04	0.0	45.0	-112.26	7.19	0.14	-2.34	6.23	359.57
2754	5	359.57	6.23	-0.01	-1.60	0.0	-112.26	8.79	0.14	-2.34	0.0	0.0
		0.0	0.0	-7.70e-04	0.0	45.0	-112.26	7.19	0.14	-2.34	6.23	359.57
2755	1	532.90	8.93	-0.02	-2.08	0.0	26.00	12.88	0.20	3.95	0.0	0.0
		0.0	0.0	-9.56e-04	0.0	45.0	26.00	10.80	0.20	3.95	8.93	532.90
2755	2	433.18	7.25	-0.01	-1.60	0.0	21.04	10.43	0.16	3.17	0.0	0.0
		0.0	0.0	-7.71e-04	0.0	45.0	21.04	8.83	0.16	3.17	7.25	433.18
2755	3	399.59	6.70	-0.01	-1.60	0.0	19.56	9.68	0.15	2.97	0.0	0.0
		0.0	0.0	-7.19e-04	0.0	45.0	19.56	8.08	0.15	2.97	6.70	399.59
2755	4	332.38	5.60	-9.42e-03	-1.60	0.0	16.56	8.19	0.12	2.54	0.0	0.0
		0.0	0.0	-6.18e-04	0.0	45.0	16.56	6.59	0.12	2.54	5.60	332.38
2755	5	332.38	5.60	-9.42e-03	-1.60	0.0	16.56	8.19	0.12	2.54	0.0	0.0
		0.0	0.0	-6.18e-04	0.0	45.0	16.56	6.59	0.12	2.54	5.60	332.38
2756	1	545.13	9.34	-0.01	-2.08	0.0	60.19	13.15	0.21	6.56	0.0	0.0
		0.0	0.0	-1.70e-03	0.0	45.0	60.19	11.07	0.21	6.56	9.34	545.13
2756	2	443.04	7.59	-0.01	-1.60	0.0	49.27	10.65	0.17	5.27	0.0	0.0
		0.0	0.0	-1.37e-03	0.0	45.0	49.27	9.05	0.17	5.27	7.59	443.04
2756	3	408.80	7.02	-9.64e-03	-1.60	0.0	44.96	9.88	0.16	4.92	0.0	0.0
		0.0	0.0	-1.28e-03	0.0	45.0	44.96	8.28	0.16	4.92	7.02	408.80
2756	4	340.34	5.87	-8.08e-03	-1.60	0.0	36.32	8.36	0.13	4.22	0.0	0.0
		0.0	0.0	-1.10e-03	0.0	45.0	36.32	6.76	0.13	4.22	5.87	340.34
2756	5	340.34	5.87	-8.08e-03	-1.60	0.0	36.32	8.36	0.13	4.22	0.0	0.0
		0.0	0.0	-1.10e-03	0.0	45.0	36.32	6.76	0.13	4.22	5.87	340.34
2757	1	549.92	6.63	-0.01	-2.08	0.0	49.42	13.26	0.15	3.55	0.0	0.0
		0.0	0.0	-6.35e-04	0.0	45.0	49.42	11.18	0.15	3.55	6.63	549.92
2757	2	446.79	5.39	-8.20e-03	-1.60	0.0	40.82	10.73	0.12	2.84	0.0	0.0
		0.0	0.0	-5.10e-04	0.0	45.0	40.82	9.13	0.12	2.84	5.39	446.79
2757	3	412.41	4.98	-7.61e-03	-1.60	0.0	36.80	9.96	0.11	2.72	0.0	0.0
		0.0	0.0	-4.88e-04	0.0	45.0	36.80	8.36	0.11	2.72	4.98	412.41
2757	4	343.74	4.16	-6.43e-03	-1.60	0.0	28.68	8.44	0.09	2.38	0.0	0.0
		0.0	0.0	-4.33e-04	0.0	45.0	28.68	6.84	0.09	2.38	4.16	343.74
2757	5	343.74	4.16	-6.43e-03	-1.60	0.0	28.68	8.44	0.09	2.38	0.0	0.0
		0.0	0.0	-4.33e-04	0.0	45.0	28.68	6.84	0.09	2.38	4.16	343.74
2758	1	573.39	12.32	-0.01	-2.08	0.0	-5.93	13.78	0.27	-2.52	0.0	0.0
		0.0	0.0	-2.15e-03	0.0	45.0	-5.93	11.70	0.27	-2.52	12.32	573.39
2758	2	465.88	9.98	-8.56e-03	-1.60	0.0	-4.49	11.15	0.22	-2.07	0.0	0.0
		0.0	0.0	-1.73e-03	0.0	45.0	-4.49	9.55	0.22	-2.07	9.98	465.88
2758	3	430.07	9.19	-7.95e-03	-1.60	0.0	-4.74	10.36	0.20	-1.87	0.0	0.0
		0.0	0.0	-1.62e-03	0.0	45.0	-4.74	8.76	0.20	-1.87	9.19	430.07
2758	4	358.37	7.70	-6.73e-03	-1.60	0.0	-4.88	8.76	0.17	-1.47	0.0	0.0
		0.0	0.0	-1.39e-03	0.0	45.0	-4.88	7.16	0.17	-1.47	7.70	358.37

2758	5	358.37	7.70	-6.73e-03	-1.60	0.0	-4.88	8.76	0.17	-1.47	0.0	0.0
		0.0	0.0	-1.39e-03	0.0	45.0	-4.88	7.16	0.17	-1.47	7.70	358.37
2759	1	477.88	11.62	-5.50e-03	-2.08	0.0	75.02	11.66	0.26	3.74	0.0	0.0
		0.0	0.0	-4.14e-03	0.0	45.0	75.02	9.58	0.26	3.74	11.62	477.88
2759	2	388.42	9.42	-4.44e-03	-1.60	0.0	60.87	9.43	0.21	2.98	0.0	0.0
		0.0	0.0	-3.34e-03	0.0	45.0	60.87	7.83	0.21	2.98	9.42	388.42
2759	3	358.35	8.72	-4.13e-03	-1.60	0.0	56.23	8.76	0.19	2.84	0.0	0.0
		0.0	0.0	-3.11e-03	0.0	45.0	56.23	7.16	0.19	2.84	8.72	358.35
2759	4	298.19	7.32	-3.51e-03	-1.60	0.0	47.20	7.43	0.16	2.54	0.0	0.0
		0.0	0.0	-2.67e-03	0.0	45.0	47.20	5.83	0.16	2.54	7.32	298.19
2759	5	298.19	7.32	-3.51e-03	-1.60	0.0	47.20	7.43	0.16	2.54	0.0	0.0
		0.0	0.0	-2.67e-03	0.0	45.0	47.20	5.83	0.16	2.54	7.32	298.19
2760	1	499.41	0.0	-0.03	-2.08	0.0	-5.82	12.14	-0.08	-2.59	0.0	0.0
		0.0	-3.45	-2.36e-03	0.0	45.0	-5.82	10.06	-0.08	-2.59	-3.45	499.41
2760	2	405.71	0.0	-0.02	-1.60	0.0	-4.72	9.82	-0.06	-2.06	0.0	0.0
		0.0	-2.83	-1.90e-03	0.0	45.0	-4.72	8.22	-0.06	-2.06	-2.83	405.71
2760	3	374.57	0.0	-0.02	-1.60	0.0	-4.35	9.12	-0.06	-1.94	0.0	0.0
		0.0	-2.58	-1.77e-03	0.0	45.0	-4.35	7.52	-0.06	-1.94	-2.58	374.57
2760	4	312.30	0.0	-0.02	-1.60	0.0	-3.65	7.74	-0.05	-1.71	0.0	0.0
		0.0	-2.08	-1.52e-03	0.0	45.0	-3.65	6.14	-0.05	-1.71	-2.08	312.30
2760	5	312.30	0.0	-0.02	-1.60	0.0	-3.65	7.74	-0.05	-1.71	0.0	0.0
		0.0	-2.08	-1.52e-03	0.0	45.0	-3.65	6.14	-0.05	-1.71	-2.08	312.30
2761	1	553.06	0.0	-0.03	-2.08	0.0	145.30	13.33	-0.24	4.12	0.0	0.0
		0.0	-10.64	-1.10e-03	0.0	45.0	145.30	11.25	-0.24	4.12	-10.64	553.06
2761	2	449.40	0.0	-0.02	-1.60	0.0	117.40	10.79	-0.19	3.36	0.0	0.0
		0.0	-8.65	-8.88e-04	0.0	45.0	117.40	9.19	-0.19	3.36	-8.65	449.40
2761	3	414.79	0.0	-0.02	-1.60	0.0	109.23	10.02	-0.18	3.09	0.0	0.0
		0.0	-7.99	-8.32e-04	0.0	45.0	109.23	8.42	-0.18	3.09	-7.99	414.79
2761	4	345.60	0.0	-0.02	-1.60	0.0	92.72	8.48	-0.15	2.59	0.0	0.0
		0.0	-6.66	-7.18e-04	0.0	45.0	92.72	6.88	-0.15	2.59	-6.66	345.60
2761	5	345.60	0.0	-0.02	-1.60	0.0	92.72	8.48	-0.15	2.59	0.0	0.0
		0.0	-6.66	-7.18e-04	0.0	45.0	92.72	6.88	-0.15	2.59	-6.66	345.60
2762	1	561.46	0.0	-0.02	-2.08	0.0	162.95	13.52	-0.27	-0.16	0.0	0.0
		0.0	-12.13	3.26e-04	0.0	45.0	162.95	11.44	-0.27	-0.16	-12.13	561.46
2762	2	456.34	0.0	-0.02	-1.60	0.0	131.53	10.94	-0.22	-0.11	0.0	0.0
		0.0	-9.86	2.68e-04	0.0	45.0	131.53	9.34	-0.22	-0.11	-9.86	456.34
2762	3	421.06	0.0	-0.02	-1.60	0.0	122.60	10.16	-0.20	-0.14	0.0	0.0
		0.0	-9.09	2.41e-04	0.0	45.0	122.60	8.56	-0.20	-0.14	-9.09	421.06
2762	4	350.48	0.0	-0.02	-1.60	0.0	104.53	8.59	-0.17	-0.20	0.0	0.0
		0.0	-7.61	1.89e-04	0.0	45.0	104.53	6.99	-0.17	-0.20	-7.61	350.48
2762	5	350.48	0.0	-0.02	-1.60	0.0	104.53	8.59	-0.17	-0.20	0.0	0.0
		0.0	-7.61	1.89e-04	0.0	45.0	104.53	6.99	-0.17	-0.20	-7.61	350.48
2763	1	522.55	0.0	-0.02	-2.08	0.0	179.60	12.65	-0.11	-5.59	0.0	0.0
		0.0	-5.09	-1.19e-03	0.0	45.0	179.60	10.57	-0.11	-5.59	-5.09	522.55
2763	2	424.61	0.0	-0.01	-1.60	0.0	145.59	10.24	-0.09	-4.50	0.0	0.0
		0.0	-4.15	-9.57e-04	0.0	45.0	145.59	8.64	-0.09	-4.50	-4.15	424.61
2763	3	391.87	0.0	-0.01	-1.60	0.0	134.95	9.51	-0.08	-4.21	0.0	0.0
		0.0	-3.80	-8.95e-04	0.0	45.0	134.95	7.91	-0.08	-4.21	-3.80	391.87
2763	4	326.42	0.0	-0.01	-1.60	0.0	113.33	8.05	-0.07	-3.65	0.0	0.0
		0.0	-3.12	-7.74e-04	0.0	45.0	113.33	6.45	-0.07	-3.65	-3.12	326.42
2763	5	326.42	0.0	-0.01	-1.60	0.0	113.33	8.05	-0.07	-3.65	0.0	0.0
		0.0	-3.12	-7.74e-04	0.0	45.0	113.33	6.45	-0.07	-3.65	-3.12	326.42
2764	1	518.79	0.0	-0.01	-2.08	0.0	66.34	12.57	-0.09	-0.94	0.0	0.0
		0.0	-4.23	-2.65e-03	0.0	45.0	66.34	10.49	-0.09	-0.94	-4.23	518.79
2764	2	421.50	0.0	-0.01	-1.60	0.0	53.85	10.17	-0.08	-0.74	0.0	0.0
		0.0	-3.45	-2.14e-03	0.0	45.0	53.85	8.57	-0.08	-0.74	-3.45	421.50
2764	3	389.06	0.0	-0.01	-1.60	0.0	49.87	9.45	-0.07	-0.71	0.0	0.0
		0.0	-3.15	-1.99e-03	0.0	45.0	49.87	7.85	-0.07	-0.71	-3.15	389.06
2764	4	324.28	0.0	-8.94e-03	-1.60	0.0	41.65	8.01	-0.06	-0.69	0.0	0.0
		0.0	-2.56	-1.70e-03	0.0	45.0	41.65	6.41	-0.06	-0.69	-2.56	324.28
2764	5	324.28	0.0	-8.94e-03	-1.60	0.0	41.65	8.01	-0.06	-0.69	0.0	0.0
		0.0	-2.56	-1.70e-03	0.0	45.0	41.65	6.41	-0.06	-0.69	-2.56	324.28
2765	1	560.98	0.0	-0.02	-2.08	0.0	-140.29	13.51	-0.27	5.17	0.0	0.0
		0.0	-12.07	-1.07e-03	0.0	45.0	-140.29	11.43	-0.27	5.17	-12.07	560.98
2765	2	455.88	0.0	-0.01	-1.60	0.0	-114.30	10.93	-0.22	4.21	0.0	0.0
		0.0	-9.80	-8.58e-04	0.0	45.0	-114.30	9.33	-0.22	4.21	-9.80	455.88
2765	3	420.77	0.0	-0.01	-1.60	0.0	-105.31	10.15	-0.20	3.86	0.0	0.0
		0.0	-9.07	-8.07e-04	0.0	45.0	-105.31	8.55	-0.20	3.86	-9.07	420.77
2765	4	350.62	0.0	-0.01	-1.60	0.0	-87.34	8.59	-0.17	3.14	0.0	0.0
		0.0	-7.55	-6.98e-04	0.0	45.0	-87.34	6.99	-0.17	3.14	-7.55	350.62
2765	5	350.62	0.0	-0.01	-1.60	0.0	-87.34	8.59	-0.17	3.14	0.0	0.0
		0.0	-7.55	-6.98e-04	0.0	45.0	-87.34	6.99	-0.17	3.14	-7.55	350.62
2766	1	552.81	0.0	-0.02	-2.08	0.0	-181.08	13.32	-0.29	-1.26	0.0	0.0
		0.0	-13.14	2.38e-04	0.0	45.0	-181.08	11.24	-0.29	-1.26	-13.14	552.81
2766	2	449.29	0.0	-0.01	-1.60	0.0	-147.36	10.78	-0.24	-0.99	0.0	0.0
		0.0	-10.67	1.99e-04	0.0	45.0	-147.36	9.18	-0.24	-0.99	-10.67	449.29
2766	3	414.49	0.0	-0.01	-1.60	0.0	-135.69	10.01	-0.22	-0.97	0.0	0.0

		0.0	-9.86	1.78e-04	0.0	45.0	-135.69	8.41	-0.22	-0.97	-9.86	414.49
2766	4	344.88	0.0	-0.01	-1.60	0.0	-112.01	8.46	-0.18	-0.92	0.0	0.0
		0.0	-8.16	1.25e-04	0.0	45.0	-112.01	6.86	-0.18	-0.92	-8.16	344.88
2766	5	344.88	0.0	-0.01	-1.60	0.0	-112.01	8.46	-0.18	-0.92	0.0	0.0
		0.0	-8.16	1.25e-04	0.0	45.0	-112.01	6.86	-0.18	-0.92	-8.16	344.88
2767	1	513.68	0.0	-0.01	-2.08	0.0	-112.94	12.46	-0.15	-7.01	0.0	0.0
		0.0	-6.82	-1.16e-03	0.0	45.0	-112.94	10.38	-0.15	-7.01	-6.82	513.68
2767	2	417.42	0.0	-0.01	-1.60	0.0	-91.55	10.08	-0.12	-5.66	0.0	0.0
		0.0	-5.54	-9.36e-04	0.0	45.0	-91.55	8.48	-0.12	-5.66	-5.54	417.42
2767	3	385.28	0.0	-0.01	-1.60	0.0	-84.90	9.36	-0.11	-5.28	0.0	0.0
		0.0	-5.11	-8.73e-04	0.0	45.0	-84.90	7.76	-0.11	-5.28	-5.11	385.28
2767	4	320.84	0.0	-9.31e-03	-1.60	0.0	-71.02	7.93	-0.09	-4.57	0.0	0.0
		0.0	-4.22	-7.51e-04	0.0	45.0	-71.02	6.33	-0.09	-4.57	-4.22	320.84
2767	5	320.84	0.0	-9.31e-03	-1.60	0.0	-71.02	7.93	-0.09	-4.57	0.0	0.0
		0.0	-4.22	-7.51e-04	0.0	45.0	-71.02	6.33	-0.09	-4.57	-4.22	320.84
2768	1	517.18	0.0	-0.01	-2.08	0.0	-141.37	12.53	-0.14	-2.15	0.0	0.0
		0.0	-6.45	-2.11e-03	0.0	45.0	-141.37	10.45	-0.14	-2.15	-6.45	517.18
2768	2	420.20	0.0	-0.01	-1.60	0.0	-114.58	10.14	-0.12	-1.71	0.0	0.0
		0.0	-5.26	-1.70e-03	0.0	45.0	-114.58	8.54	-0.12	-1.71	-5.26	420.20
2768	3	387.89	0.0	-0.01	-1.60	0.0	-106.16	9.42	-0.11	-1.61	0.0	0.0
		0.0	-4.83	-1.59e-03	0.0	45.0	-106.16	7.82	-0.11	-1.61	-4.83	387.89
2768	4	323.22	0.0	-8.69e-03	-1.60	0.0	-89.22	7.98	-0.09	-1.42	0.0	0.0
		0.0	-3.99	-1.36e-03	0.0	45.0	-89.22	6.38	-0.09	-1.42	-3.99	323.22
2768	5	323.22	0.0	-8.69e-03	-1.60	0.0	-89.22	7.98	-0.09	-1.42	0.0	0.0
		0.0	-3.99	-1.36e-03	0.0	45.0	-89.22	6.38	-0.09	-1.42	-3.99	323.22
2769	1	567.50	0.0	-0.02	-2.08	0.0	-251.77	13.65	-0.32	2.97	0.0	0.0
		0.0	-14.35	-7.14e-04	0.0	45.0	-251.77	11.57	-0.32	2.97	-14.35	567.50
2769	2	461.14	0.0	-0.01	-1.60	0.0	-204.60	11.05	-0.26	2.44	0.0	0.0
		0.0	-11.65	-5.74e-04	0.0	45.0	-204.60	9.45	-0.26	2.44	-11.65	461.14
2769	3	425.55	0.0	-0.01	-1.60	0.0	-188.69	10.26	-0.24	2.24	0.0	0.0
		0.0	-10.82	-5.42e-04	0.0	45.0	-188.69	8.66	-0.24	2.24	-10.82	425.55
2769	4	354.57	0.0	-0.01	-1.60	0.0	-157.45	8.68	-0.20	1.79	0.0	0.0
		0.0	-9.07	-4.72e-04	0.0	45.0	-157.45	7.08	-0.20	1.79	-9.07	354.57
2769	5	354.57	0.0	-0.01	-1.60	0.0	-157.45	8.68	-0.20	1.79	0.0	0.0
		0.0	-9.07	-4.72e-04	0.0	45.0	-157.45	7.08	-0.20	1.79	-9.07	354.57
2770	1	567.92	0.0	-0.02	-2.08	0.0	-199.10	13.66	-0.34	-3.17	0.0	0.0
		0.0	-15.25	2.27e-03	0.0	45.0	-199.10	11.58	-0.34	-3.17	-15.25	567.92
2770	2	461.64	0.0	-0.02	-1.60	0.0	-161.97	11.06	-0.28	-2.53	0.0	0.0
		0.0	-12.38	1.83e-03	0.0	45.0	-161.97	9.46	-0.28	-2.53	-12.38	461.64
2770	3	425.86	0.0	-0.01	-1.60	0.0	-149.26	10.26	-0.26	-2.38	0.0	0.0
		0.0	-11.48	1.71e-03	0.0	45.0	-149.26	8.66	-0.26	-2.38	-11.48	425.86
2770	4	354.30	0.0	-0.01	-1.60	0.0	-123.78	8.67	-0.21	-2.15	0.0	0.0
		0.0	-9.62	1.45e-03	0.0	45.0	-123.78	7.07	-0.21	-2.15	-9.62	354.30
2770	5	354.30	0.0	-0.01	-1.60	0.0	-123.78	8.67	-0.21	-2.15	0.0	0.0
		0.0	-9.62	1.45e-03	0.0	45.0	-123.78	7.07	-0.21	-2.15	-9.62	354.30
2771	1	537.56	0.0	-0.02	-2.08	0.0	-39.24	12.99	-0.06	-9.36	0.0	0.0
		0.0	-2.88	-4.60e-04	0.0	45.0	-39.24	10.91	-0.06	-9.36	-2.88	537.56
2771	2	436.98	0.0	-0.01	-1.60	0.0	-31.61	10.51	-0.05	-7.54	0.0	0.0
		0.0	-2.38	-3.68e-04	0.0	45.0	-31.61	8.91	-0.05	-7.54	-2.38	436.98
2771	3	403.11	0.0	-0.01	-1.60	0.0	-29.59	9.76	-0.05	-7.06	0.0	0.0
		0.0	-2.14	-3.48e-04	0.0	45.0	-29.59	8.16	-0.05	-7.06	-2.14	403.11
2771	4	335.30	0.0	-9.71e-03	-1.60	0.0	-25.21	8.25	-0.04	-6.09	0.0	0.0
		0.0	-1.67	-3.08e-04	0.0	45.0	-25.21	6.65	-0.04	-6.09	-1.67	335.30
2771	5	335.30	0.0	-9.71e-03	-1.60	0.0	-25.21	8.25	-0.04	-6.09	0.0	0.0
		0.0	-1.67	-3.08e-04	0.0	45.0	-25.21	6.65	-0.04	-6.09	-1.67	335.30
2772	1	547.33	0.0	-0.01	-2.08	0.0	2.74	13.20	-0.03	-4.10	0.0	0.0
		0.0	-1.25	-1.47e-03	0.0	45.0	2.74	11.12	-0.03	-4.10	-1.25	547.33
2772	2	444.82	0.0	-0.01	-1.60	0.0	3.04	10.68	-0.02	-3.30	0.0	0.0
		0.0	-1.05	-1.18e-03	0.0	45.0	3.04	9.08	-0.02	-3.30	-1.05	444.82
2772	3	410.46	0.0	-0.01	-1.60	0.0	1.75	9.92	-0.02	-3.10	0.0	0.0
		0.0	-0.91	-1.11e-03	0.0	45.0	1.75	8.32	-0.02	-3.10	-0.91	410.46
2772	4	341.74	0.0	-8.78e-03	-1.60	0.0	-0.68	8.39	-0.01	-2.71	0.0	0.0
		0.0	-0.63	-9.57e-04	0.0	45.0	-0.68	6.79	-0.01	-2.71	-0.63	341.74
2772	5	341.74	0.0	-8.78e-03	-1.60	0.0	-0.68	8.39	-0.01	-2.71	0.0	0.0
		0.0	-0.63	-9.57e-04	0.0	45.0	-0.68	6.79	-0.01	-2.71	-0.63	341.74
2773	1	550.84	0.0	-0.01	-2.08	0.0	19.34	13.28	-0.03	2.69	0.0	0.0
		0.0	-1.38	-3.34e-03	0.0	45.0	19.34	11.20	-0.03	2.69	-1.38	550.84
2773	2	447.53	0.0	-9.22e-03	-1.60	0.0	16.61	10.75	-0.03	2.19	0.0	0.0
		0.0	-1.16	-2.70e-03	0.0	45.0	16.61	9.15	-0.03	2.19	-1.16	447.53
2773	3	413.11	0.0	-8.56e-03	-1.60	0.0	14.16	9.98	-0.02	2.04	0.0	0.0
		0.0	-1.00	-2.52e-03	0.0	45.0	14.16	8.38	-0.02	2.04	-1.00	413.11
2773	4	344.26	0.0	-7.25e-03	-1.60	0.0	9.38	8.45	-0.02	1.67	0.0	0.0
		0.0	-0.70	-2.16e-03	0.0	45.0	9.38	6.85	-0.02	1.67	-0.70	344.26
2773	5	344.26	0.0	-7.25e-03	-1.60	0.0	9.38	8.45	-0.02	1.67	0.0	0.0
		0.0	-0.70	-2.16e-03	0.0	45.0	9.38	6.85	-0.02	1.67	-0.70	344.26
2774	1	573.19	0.0	-0.01	-2.08	0.0	-11.76	13.78	-0.19	10.08	0.0	0.0
		0.0	-8.75	-1.37e-03	0.0	45.0	-11.76	11.70	-0.19	10.08	-8.75	573.19

2774	2	465.70	0.0	-9.61e-03	-1.60	0.0	-9.17	11.15	-0.16	8.17	0.0	0.0
		0.0	-7.13	-1.10e-03	0.0	45.0	-9.17	9.55	-0.16	8.17	-7.13	465.70
2774	3	429.88	0.0	-8.93e-03	-1.60	0.0	-9.06	10.35	-0.15	7.55	0.0	0.0
		0.0	-6.60	-1.03e-03	0.0	45.0	-9.06	8.75	-0.15	7.55	-6.60	429.88
2774	4	358.25	0.0	-7.57e-03	-1.60	0.0	-8.77	8.76	-0.12	6.35	0.0	0.0
		0.0	-5.48	-8.99e-04	0.0	45.0	-8.77	7.16	-0.12	6.35	-5.48	358.25
2774	5	358.25	0.0	-7.57e-03	-1.60	0.0	-8.77	8.76	-0.12	6.35	0.0	0.0
		0.0	-5.48	-8.99e-04	0.0	45.0	-8.77	7.16	-0.12	6.35	-5.48	358.25
2775	1	474.73	0.0	-6.23e-03	-2.08	0.0	86.39	11.59	-0.15	6.80	0.0	0.0
		0.0	-6.63	-1.76e-03	0.0	45.0	86.39	9.51	-0.15	6.80	-6.63	474.73
2775	2	385.87	0.0	-5.04e-03	-1.60	0.0	70.06	9.38	-0.12	5.51	0.0	0.0
		0.0	-5.40	-1.42e-03	0.0	45.0	70.06	7.77	-0.12	5.51	-5.40	385.87
2775	3	355.98	0.0	-4.69e-03	-1.60	0.0	64.76	8.71	-0.11	5.12	0.0	0.0
		0.0	-4.96	-1.32e-03	0.0	45.0	64.76	7.11	-0.11	5.12	-4.96	355.98
2775	4	296.14	0.0	-4.00e-03	-1.60	0.0	54.29	7.38	-0.09	4.31	0.0	0.0
		0.0	-4.09	-1.15e-03	0.0	45.0	54.29	5.78	-0.09	4.31	-4.09	296.14
2775	5	296.14	0.0	-4.00e-03	-1.60	0.0	54.29	7.38	-0.09	4.31	0.0	0.0
		0.0	-4.09	-1.15e-03	0.0	45.0	54.29	5.78	-0.09	4.31	-4.09	296.14
2776	1	99.36	4.49	-0.02	-3.93	0.0	-373.81	3.03	0.05	5.06	0.0	0.0
		0.0	0.0	-4.32e-03	0.0	85.0	-373.81	-0.90	0.05	5.06	4.49	90.73
2776	2	80.40	3.68	-0.02	-3.02	0.0	-301.97	2.39	0.04	4.06	0.0	0.0
		0.0	0.0	-3.50e-03	0.0	85.0	-301.97	-0.63	0.04	4.06	3.68	74.87
2776	3	74.74	3.32	-0.02	-3.02	0.0	-281.13	2.31	0.04	3.84	0.0	0.0
		0.0	0.0	-3.27e-03	0.0	85.0	-281.13	-0.72	0.04	3.84	3.32	67.54
2776	4	63.95	2.70	-0.01	-3.02	0.0	-239.51	2.13	0.03	3.35	0.0	0.0
		0.0	0.0	-2.77e-03	0.0	85.0	-239.51	-0.89	0.03	3.35	2.70	52.87
2776	5	63.95	2.70	-0.01	-3.02	0.0	-239.51	2.13	0.03	3.35	0.0	0.0
		0.0	0.0	-2.77e-03	0.0	85.0	-239.51	-0.89	0.03	3.35	2.70	52.87
2777	1	68.08	8.24	-2.43e-03	-4.16	0.0	-374.59	2.04	0.05	-0.14	3.44	22.94
		19.61	3.44	-3.26e-03	0.0	90.0	-374.59	-2.12	0.05	-0.14	8.24	19.61
2777	2	54.48	6.71	-1.96e-03	-3.20	0.0	-302.61	1.57	0.04	-0.11	2.82	19.78
		17.16	2.82	-2.63e-03	0.0	90.0	-302.61	-1.63	0.04	-0.11	6.71	17.16
2777	3	51.44	6.21	-1.83e-03	-3.20	0.0	-281.71	1.57	0.04	-0.08	2.53	16.73
		14.14	2.53	-2.49e-03	0.0	90.0	-281.71	-1.63	0.04	-0.08	6.21	14.14
2777	4	45.36	5.18	-1.59e-03	-3.20	0.0	-239.98	1.58	0.03	-0.06	2.09	10.48
		8.22	2.09	-2.13e-03	0.0	90.0	-239.98	-1.63	0.03	-0.06	5.18	8.22
2777	5	45.36	5.18	-1.59e-03	-3.20	0.0	-239.98	1.58	0.03	-0.06	2.09	10.48
		8.22	2.09	-2.13e-03	0.0	90.0	-239.98	-1.63	0.03	-0.06	5.18	8.22
2778	1	97.81	8.78	0.02	-3.93	0.0	-373.45	0.92	-0.10	-4.90	8.78	88.67
		0.0	0.0	-1.17e-03	0.0	85.0	-373.45	-3.01	-0.10	-4.90	0.0	0.0
2778	2	79.06	7.16	0.02	-3.02	0.0	-301.66	0.65	-0.08	-3.93	7.16	73.22
		0.0	0.0	-9.24e-04	0.0	85.0	-301.66	-2.37	-0.08	-3.93	0.0	0.0
2778	3	73.57	6.59	0.02	-3.02	0.0	-280.87	0.74	-0.08	-3.66	6.59	65.97
		0.0	0.0	-9.15e-04	0.0	85.0	-280.87	-2.29	-0.08	-3.66	0.0	0.0
2778	4	63.01	5.46	0.01	-3.02	0.0	-239.24	0.91	-0.06	-3.21	5.46	51.50
		0.0	0.0	-8.23e-04	0.0	85.0	-239.24	-2.12	-0.06	-3.21	0.0	0.0
2778	5	63.01	5.46	0.01	-3.02	0.0	-239.24	0.91	-0.06	-3.21	5.46	51.50
		0.0	0.0	-8.23e-04	0.0	85.0	-239.24	-2.12	-0.06	-3.21	0.0	0.0
2779	1	106.66	7.04	-0.02	-3.93	0.0	-308.65	3.14	0.08	1.18	0.0	0.0
		0.0	0.0	-4.80e-03	0.0	85.0	-308.65	-0.79	0.08	1.18	7.04	99.96
2779	2	86.60	5.74	-0.02	-3.02	0.0	-249.43	2.48	0.07	0.93	0.0	0.0
		0.0	0.0	-3.89e-03	0.0	85.0	-249.43	-0.54	0.07	0.93	5.74	82.50
2779	3	80.03	5.24	-0.01	-3.02	0.0	-232.15	2.39	0.06	0.92	0.0	0.0
		0.0	0.0	-3.63e-03	0.0	85.0	-232.15	-0.64	0.06	0.92	5.24	74.42
2779	4	67.81	4.34	-0.01	-3.02	0.0	-197.66	2.20	0.05	0.84	0.0	0.0
		0.0	0.0	-3.09e-03	0.0	85.0	-197.66	-0.83	0.05	0.84	4.34	58.30
2779	5	67.81	4.34	-0.01	-3.02	0.0	-197.66	2.20	0.05	0.84	0.0	0.0
		0.0	0.0	-3.09e-03	0.0	85.0	-197.66	-0.83	0.05	0.84	4.34	58.30
2780	1	50.01	9.72	-1.76e-03	-4.16	0.0	-313.56	2.06	0.05	-0.12	4.94	4.07
		2.34	4.94	-3.26e-03	0.0	90.0	-313.56	-2.10	0.05	-0.12	9.72	2.34
2780	2	39.90	7.91	-1.41e-03	-3.20	0.0	-253.33	1.58	0.04	-0.10	4.02	4.62
		3.18	4.02	-2.63e-03	0.0	90.0	-253.33	-1.62	0.04	-0.10	7.91	3.18
2780	3	37.84	7.32	-1.33e-03	-3.20	0.0	-235.77	1.58	0.04	-0.06	3.65	2.54
		1.12	3.65	-2.49e-03	0.0	90.0	-235.77	-1.62	0.04	-0.06	7.32	1.12
2780	4	33.70	6.15	-1.15e-03	-3.20	0.0	-200.60	1.58	0.03	-0.06	3.04	-1.55
		-3.06	3.04	-2.13e-03	0.0	90.0	-200.60	-1.62	0.03	-0.06	6.15	-3.06
2780	5	33.70	6.15	-1.15e-03	-3.20	0.0	-200.60	1.58	0.03	-0.06	3.04	-1.55
		-3.06	3.04	-2.13e-03	0.0	90.0	-200.60	-1.62	0.03	-0.06	6.15	-3.06
2781	1	106.41	11.33	0.02	-3.93	0.0	-310.98	0.79	-0.13	-1.01	11.33	99.65
		0.0	0.0	-6.81e-04	0.0	85.0	-310.98	-3.14	-0.13	-1.01	0.0	0.0
2781	2	86.38	9.23	0.02	-3.02	0.0	-251.21	0.54	-0.11	-0.79	9.23	82.22
		0.0	0.0	-5.31e-04	0.0	85.0	-251.21	-2.48	-0.11	-0.79	0.0	0.0
2781	3	79.83	8.52	0.01	-3.02	0.0	-233.89	0.64	-0.10	-0.73	8.52	74.16
		0.0	0.0	-5.48e-04	0.0	85.0	-233.89	-2.38	-0.10	-0.73	0.0	0.0
2781	4	67.59	7.11	0.01	-3.02	0.0	-199.01	0.83	-0.08	-0.70	7.11	58.01
		0.0	0.0	-5.08e-04	0.0	85.0	-199.01	-2.19	-0.08	-0.70	0.0	0.0
2781	5	67.59	7.11	0.01	-3.02	0.0	-199.01	0.83	-0.08	-0.70	7.11	58.01



		0.0	0.0	-5.08e-04	0.0	85.0	-199.01	-2.19	-0.08	-0.70	0.0	0.0
2782	1	120.42	11.00	-0.02	-3.93	0.0	-361.47	3.34	0.13	-4.79	0.0	0.0
		0.0	0.0	-5.53e-03	0.0	85.0	-361.47	-0.59	0.13	-4.79	11.00	116.75
2782	2	98.18	8.91	-0.02	-3.02	0.0	-292.22	2.64	0.10	-3.87	0.0	0.0
		0.0	0.0	-4.47e-03	0.0	85.0	-292.22	-0.38	0.10	-3.87	8.91	96.15
2782	3	90.30	8.22	-0.02	-3.02	0.0	-271.70	2.54	0.10	-3.57	0.0	0.0
		0.0	0.0	-4.18e-03	0.0	85.0	-271.70	-0.49	0.10	-3.57	8.22	87.05
2782	4	75.70	6.91	-0.01	-3.02	0.0	-230.68	2.32	0.08	-3.02	0.0	0.0
		0.0	0.0	-3.56e-03	0.0	85.0	-230.68	-0.70	0.08	-3.02	6.91	68.82
2782	5	75.70	6.91	-0.01	-3.02	0.0	-230.68	2.32	0.08	-3.02	0.0	0.0
		0.0	0.0	-3.56e-03	0.0	85.0	-230.68	-0.70	0.08	-3.02	6.91	68.82
2783	1	54.99	11.86	-2.06e-03	-4.16	0.0	-360.62	2.12	0.05	-0.02	6.97	6.56
		6.56	6.97	-3.27e-03	0.0	90.0	-360.62	-2.04	0.05	-0.02	11.86	9.80
2783	2	43.94	9.63	-1.66e-03	-3.20	0.0	-291.54	1.63	0.04	-0.02	5.65	6.70
		6.70	5.65	-2.63e-03	0.0	90.0	-291.54	-1.57	0.04	-0.02	9.63	9.18
2783	3	41.57	8.94	-1.56e-03	-3.20	0.0	-271.06	1.63	0.04	0.01	5.18	4.34
		4.34	5.18	-2.49e-03	0.0	90.0	-271.06	-1.57	0.04	0.01	8.94	6.79
2783	4	36.81	7.56	-1.34e-03	-3.20	0.0	-230.12	1.62	0.04	-1.32e-03	4.36	-0.01
		-0.01	4.36	-2.14e-03	0.0	90.0	-230.12	-1.58	0.04	-1.32e-03	7.56	1.62
2783	5	36.81	7.56	-1.34e-03	-3.20	0.0	-230.12	1.62	0.04	-1.32e-03	4.36	-0.01
		-0.01	4.36	-2.14e-03	0.0	90.0	-230.12	-1.58	0.04	-1.32e-03	7.56	1.62
2784	1	120.36	15.44	0.02	-3.93	0.0	-355.47	0.59	-0.18	5.15	15.44	116.68
		0.0	0.0	-2.72e-04	0.0	85.0	-355.47	-3.34	-0.18	5.15	0.0	0.0
2784	2	98.10	12.54	0.02	-3.02	0.0	-287.45	0.38	-0.15	4.18	12.54	96.06
		0.0	0.0	-2.15e-04	0.0	85.0	-287.45	-2.64	-0.15	4.18	0.0	0.0
2784	3	90.15	11.61	0.02	-3.02	0.0	-267.26	0.49	-0.14	3.91	11.61	86.87
		0.0	0.0	-2.20e-04	0.0	85.0	-267.26	-2.53	-0.14	3.91	0.0	0.0
2784	4	75.50	9.81	0.01	-3.02	0.0	-227.02	0.70	-0.12	3.30	9.81	68.54
		0.0	0.0	-2.00e-04	0.0	85.0	-227.02	-2.32	-0.12	3.30	0.0	0.0
2784	5	75.50	9.81	0.01	-3.02	0.0	-227.02	0.70	-0.12	3.30	9.81	68.54
		0.0	0.0	-2.00e-04	0.0	85.0	-227.02	-2.32	-0.12	3.30	0.0	0.0
2785	1	144.52	9.12	-0.03	-3.93	0.0	-483.50	3.66	0.11	-3.54	0.0	0.0
		0.0	0.0	-5.16e-03	0.0	85.0	-483.50	-0.27	0.11	-3.54	9.12	143.71
2785	2	118.07	7.39	-0.02	-3.02	0.0	-391.04	2.90	0.09	-2.85	0.0	0.0
		0.0	0.0	-4.17e-03	0.0	85.0	-391.04	-0.12	0.09	-2.85	7.39	117.91
2785	3	108.09	6.82	-0.02	-3.02	0.0	-363.43	2.77	0.08	-2.63	0.0	0.0
		0.0	0.0	-3.90e-03	0.0	85.0	-363.43	-0.25	0.08	-2.63	6.82	107.26
2785	4	89.46	5.75	-0.02	-3.02	0.0	-308.10	2.52	0.07	-2.24	0.0	0.0
		0.0	0.0	-3.33e-03	0.0	85.0	-308.10	-0.50	0.07	-2.24	5.75	86.02
2785	5	89.46	5.75	-0.02	-3.02	0.0	-308.10	2.52	0.07	-2.24	0.0	0.0
		0.0	0.0	-3.33e-03	0.0	85.0	-308.10	-0.50	0.07	-2.24	5.75	86.02
2786	1	85.08	10.57	-3.35e-03	-4.16	0.0	-485.22	2.11	0.05	0.14	5.97	37.01
		37.01	5.97	-3.26e-03	0.0	90.0	-485.22	-2.05	0.05	0.14	10.57	39.54
2786	2	68.29	8.58	-2.70e-03	-3.20	0.0	-392.46	1.62	0.04	0.11	4.84	31.24
		31.24	4.84	-2.63e-03	0.0	90.0	-392.46	-1.58	0.04	0.11	8.58	33.33
2786	3	64.19	7.96	-2.52e-03	-3.20	0.0	-364.71	1.62	0.04	0.14	4.44	27.18
		27.18	4.44	-2.48e-03	0.0	90.0	-364.71	-1.58	0.04	0.14	7.96	29.19
2786	4	55.98	6.76	-2.16e-03	-3.20	0.0	-309.20	1.62	0.03	0.10	3.74	19.22
		19.22	3.74	-2.13e-03	0.0	90.0	-309.20	-1.58	0.03	0.10	6.76	20.74
2786	5	55.98	6.76	-2.16e-03	-3.20	0.0	-309.20	1.62	0.03	0.10	3.74	19.22
		19.22	3.74	-2.13e-03	0.0	90.0	-309.20	-1.58	0.03	0.10	6.76	20.74
2787	1	145.48	13.41	0.03	-3.93	0.0	-484.07	0.26	-0.16	4.12	13.41	144.74
		0.0	0.0	-4.20e-04	0.0	85.0	-484.07	-3.67	-0.16	4.12	0.0	0.0
2787	2	118.86	10.88	0.02	-3.02	0.0	-391.52	0.11	-0.13	3.32	10.88	118.75
		0.0	0.0	-3.32e-04	0.0	85.0	-391.52	-2.91	-0.13	3.32	0.0	0.0
2787	3	108.83	10.08	0.02	-3.02	0.0	-363.85	0.24	-0.12	3.14	10.08	108.05
		0.0	0.0	-3.37e-04	0.0	85.0	-363.85	-2.78	-0.12	3.14	0.0	0.0
2787	4	89.95	8.55	0.02	-3.02	0.0	-308.50	0.49	-0.10	2.67	8.55	86.62
		0.0	0.0	-3.01e-04	0.0	85.0	-308.50	-2.53	-0.10	2.67	0.0	0.0
2787	5	89.95	8.55	0.02	-3.02	0.0	-308.50	0.49	-0.10	2.67	8.55	86.62
		0.0	0.0	-3.01e-04	0.0	85.0	-308.50	-2.53	-0.10	2.67	0.0	0.0
2788	1	148.98	1.97	-0.03	-3.93	0.0	-494.95	3.71	0.02	4.07	0.0	0.0
		0.0	0.0	-3.84e-03	0.0	85.0	-494.95	-0.22	0.02	4.07	1.97	148.47
2788	2	121.77	1.62	-0.02	-3.02	0.0	-400.37	2.94	0.02	3.29	0.0	0.0
		0.0	0.0	-3.10e-03	0.0	85.0	-400.37	-0.08	0.02	3.29	1.62	121.77
2788	3	111.45	1.46	-0.02	-3.02	0.0	-372.05	2.82	0.02	3.08	0.0	0.0
		0.0	0.0	-2.91e-03	0.0	85.0	-372.05	-0.21	0.02	3.08	1.46	110.85
2788	4	91.94	1.21	-0.02	-3.02	0.0	-315.43	2.56	0.01	2.60	0.0	0.0
		0.0	0.0	-2.49e-03	0.0	85.0	-315.43	-0.46	0.01	2.60	1.21	89.01
2788	5	91.94	1.21	-0.02	-3.02	0.0	-315.43	2.56	0.01	2.60	0.0	0.0
		0.0	0.0	-2.49e-03	0.0	85.0	-315.43	-0.46	0.01	2.60	1.21	89.01
2789	1	86.96	6.62	-3.46e-03	-4.16	0.0	-496.93	2.13	0.05	0.29	2.15	37.93
		37.93	2.15	-3.25e-03	0.0	90.0	-496.93	-2.03	0.05	0.29	6.62	42.38
2789	2	69.81	5.37	-2.79e-03	-3.20	0.0	-401.92	1.64	0.04	0.23	1.76	31.97
		31.97	1.76	-2.62e-03	0.0	90.0	-401.92	-1.56	0.04	0.23	5.37	35.63
2789	3	65.60	4.96	-2.61e-03	-3.20	0.0	-373.47	1.64	0.04	0.26	1.59	27.89
		27.89	1.59	-2.48e-03	0.0	90.0	-373.47	-1.56	0.04	0.26	4.96	31.29

2789	4	57.18	4.23	-2.24e-03	-3.20	0.0	-316.63	1.63	0.03	0.20	1.33	19.69
		19.69	1.33	-2.13e-03	0.0	90.0	-316.63	-1.57	0.03	0.20	4.23	22.66
2789	5	57.18	4.23	-2.24e-03	-3.20	0.0	-316.63	1.63	0.03	0.20	1.33	19.69
		19.69	1.33	-2.13e-03	0.0	90.0	-316.63	-1.57	0.03	0.20	4.23	22.66
2790	1	150.75	6.28	0.03	-3.93	0.0	-495.75	0.20	-0.07	-3.20	6.28	150.36
		0.0	0.0	-1.64e-03	0.0	85.0	-495.75	-3.73	-0.07	-3.20	0.0	0.0
2790	2	123.29	5.10	0.02	-3.02	0.0	-400.97	0.06	-0.06	-2.60	5.10	123.29
		0.0	0.0	-1.32e-03	0.0	85.0	-400.97	-2.96	-0.06	-2.60	0.0	0.0
2790	3	112.77	4.70	0.02	-3.02	0.0	-372.59	0.19	-0.06	-2.37	4.70	112.26
		0.0	0.0	-1.27e-03	0.0	85.0	-372.59	-2.83	-0.06	-2.37	0.0	0.0
2790	4	92.99	3.99	0.02	-3.02	0.0	-315.92	0.45	-0.05	-2.00	3.99	90.21
		0.0	0.0	-1.10e-03	0.0	85.0	-315.92	-2.57	-0.05	-2.00	0.0	0.0
2790	5	92.99	3.99	0.02	-3.02	0.0	-315.92	0.45	-0.05	-2.00	3.99	90.21
		0.0	0.0	-1.10e-03	0.0	85.0	-315.92	-2.57	-0.05	-2.00	0.0	0.0
2791	1	134.31	0.62	-0.02	-3.93	0.0	-397.53	3.52	7.33e-03	4.95	0.0	0.0
		0.0	0.0	-3.55e-03	0.0	85.0	-397.53	-0.40	7.33e-03	4.95	0.62	132.62
2791	2	109.74	0.53	-0.02	-3.02	0.0	-321.55	2.79	6.20e-03	4.00	0.0	0.0
		0.0	0.0	-2.86e-03	0.0	85.0	-321.55	-0.23	6.20e-03	4.00	0.53	109.02
2791	3	100.66	0.45	-0.02	-3.02	0.0	-298.81	2.68	5.33e-03	3.74	0.0	0.0
		0.0	0.0	-2.69e-03	0.0	85.0	-298.81	-0.35	5.33e-03	3.74	0.45	98.98
2791	4	83.59	0.37	-0.02	-3.02	0.0	-253.64	2.44	4.35e-03	3.17	0.0	0.0
		0.0	0.0	-2.31e-03	0.0	85.0	-253.64	-0.58	4.35e-03	3.17	0.37	78.79
2791	5	83.59	0.37	-0.02	-3.02	0.0	-253.64	2.44	4.35e-03	3.17	0.0	0.0
		0.0	0.0	-2.31e-03	0.0	85.0	-253.64	-0.58	4.35e-03	3.17	0.37	78.79
2792	1	59.45	5.48	-2.37e-03	-4.16	0.0	-405.45	2.17	0.04	0.66	1.52	8.71
		8.71	1.52	-3.22e-03	0.0	90.0	-405.45	-1.99	0.04	0.66	5.48	16.59
2792	2	47.57	4.45	-1.91e-03	-3.20	0.0	-327.82	1.67	0.04	0.52	1.25	8.48
		8.48	1.25	-2.59e-03	0.0	90.0	-327.82	-1.53	0.04	0.52	4.45	14.64
2792	3	44.92	4.11	-1.78e-03	-3.20	0.0	-304.68	1.66	0.03	0.53	1.12	6.19
		6.19	1.12	-2.45e-03	0.0	90.0	-304.68	-1.54	0.03	0.53	4.11	11.65
2792	4	39.64	3.49	-1.54e-03	-3.20	0.0	-258.54	1.66	0.03	0.44	0.94	1.14
		1.14	0.94	-2.10e-03	0.0	90.0	-258.54	-1.54	0.03	0.44	3.49	6.14
2792	5	39.64	3.49	-1.54e-03	-3.20	0.0	-258.54	1.66	0.03	0.44	0.94	1.14
		1.14	0.94	-2.10e-03	0.0	90.0	-258.54	-1.54	0.03	0.44	3.49	6.14
2793	1	136.93	4.79	0.02	-3.93	0.0	-403.50	0.37	-0.06	-3.63	4.79	135.62
		0.0	0.0	-1.91e-03	0.0	85.0	-403.50	-3.56	-0.06	-3.63	0.0	0.0
2793	2	111.91	3.89	0.02	-3.02	0.0	-326.20	0.20	-0.05	-2.95	3.89	111.34
		0.0	0.0	-1.53e-03	0.0	85.0	-326.20	-2.82	-0.05	-2.95	0.0	0.0
2793	3	102.51	3.58	0.02	-3.02	0.0	-303.26	0.32	-0.04	-2.68	3.58	101.10
		0.0	0.0	-1.47e-03	0.0	85.0	-303.26	-2.70	-0.04	-2.68	0.0	0.0
2793	4	85.14	3.03	0.02	-3.02	0.0	-257.23	0.56	-0.04	-2.28	3.03	80.71
		0.0	0.0	-1.27e-03	0.0	85.0	-257.23	-2.46	-0.04	-2.28	0.0	0.0
2793	5	85.14	3.03	0.02	-3.02	0.0	-257.23	0.56	-0.04	-2.28	3.03	80.71
		0.0	0.0	-1.27e-03	0.0	85.0	-257.23	-2.46	-0.04	-2.28	0.0	0.0
2794	1	132.50	5.46	-0.02	-3.93	0.0	-402.93	3.50	0.06	-1.06	0.0	0.0
		0.0	0.0	-4.32e-03	0.0	85.0	-402.93	-0.43	0.06	-1.06	5.46	130.55
2794	2	108.15	4.43	-0.02	-3.02	0.0	-325.85	2.77	0.05	-0.86	0.0	0.0
		0.0	0.0	-3.49e-03	0.0	85.0	-325.85	-0.25	0.05	-0.86	4.43	107.33
2794	3	99.26	4.09	-0.02	-3.02	0.0	-302.90	2.66	0.05	-0.77	0.0	0.0
		0.0	0.0	-3.28e-03	0.0	85.0	-302.90	-0.37	0.05	-0.77	4.09	97.39
2794	4	82.47	3.48	-0.02	-3.02	0.0	-257.44	2.42	0.04	-0.68	0.0	0.0
		0.0	0.0	-2.80e-03	0.0	85.0	-257.44	-0.60	0.04	-0.68	3.48	77.41
2794	5	82.47	3.48	-0.02	-3.02	0.0	-257.44	2.42	0.04	-0.68	0.0	0.0
		0.0	0.0	-2.80e-03	0.0	85.0	-257.44	-0.60	0.04	-0.68	3.48	77.41
2795	1	59.24	7.20	-2.38e-03	-4.16	0.0	-404.79	2.22	0.03	1.65	4.46	6.01
		6.01	4.46	-3.11e-03	0.0	90.0	-404.79	-1.94	0.03	1.65	7.20	18.72
2795	2	47.41	5.84	-1.91e-03	-3.20	0.0	-327.29	1.71	0.02	1.33	3.61	6.26
		6.26	3.61	-2.51e-03	0.0	90.0	-327.29	-1.49	0.02	1.33	5.84	16.41
2795	3	44.74	5.40	-1.79e-03	-3.20	0.0	-304.15	1.70	0.02	1.28	3.33	3.99
		3.99	3.33	-2.37e-03	0.0	90.0	-304.15	-1.50	0.02	1.28	5.40	13.42
2795	4	39.47	4.60	-1.56e-03	-3.20	0.0	-257.49	1.70	0.02	1.09	2.84	-1.19
		-1.19	2.84	-2.03e-03	0.0	90.0	-257.49	-1.50	0.02	1.09	4.60	8.08
2795	5	39.47	4.60	-1.56e-03	-3.20	0.0	-257.49	1.70	0.02	1.09	2.84	-1.19
		-1.19	2.84	-2.03e-03	0.0	90.0	-257.49	-1.50	0.02	1.09	4.60	8.08
2796	1	133.70	9.42	0.02	-3.93	0.0	-399.64	0.41	-0.11	3.75	9.42	131.92
		0.0	0.0	-1.02e-03	0.0	85.0	-399.64	-3.52	-0.11	3.75	0.0	0.0
2796	2	109.15	7.64	0.02	-3.02	0.0	-323.11	0.24	-0.09	3.02	7.64	108.40
		0.0	0.0	-8.10e-04	0.0	85.0	-323.11	-2.79	-0.09	3.02	0.0	0.0
2796	3	100.08	7.06	0.02	-3.02	0.0	-300.24	0.35	-0.08	2.87	7.06	98.32
		0.0	0.0	-8.02e-04	0.0	85.0	-300.24	-2.67	-0.08	2.87	0.0	0.0
2796	4	83.14	6.01	0.02	-3.02	0.0	-254.00	0.59	-0.07	2.45	6.01	78.24
		0.0	0.0	-6.97e-04	0.0	85.0	-254.00	-2.43	-0.07	2.45	0.0	0.0
2796	5	83.14	6.01	0.02	-3.02	0.0	-254.00	0.59	-0.07	2.45	6.01	78.24
		0.0	0.0	-6.97e-04	0.0	85.0	-254.00	-2.43	-0.07	2.45	0.0	0.0
2797	1	150.32	5.13	-0.03	-3.93	0.0	-496.42	3.73	0.06	-0.21	0.0	0.0
		0.0	0.0	-4.11e-03	0.0	85.0	-496.42	-0.20	0.06	-0.21	5.13	149.90
2797	2	122.93	4.17	-0.02	-3.02	0.0	-401.52	2.96	0.05	-0.17	0.0	0.0



		0.0	0.0	-3.32e-03	0.0	85.0	-401.52	-0.07	0.05	-0.17	4.17	122.93
2797	3	112.47	3.85	-0.02	-3.02	0.0	-373.04	2.83	0.05	-0.14	0.0	0.0
		0.0	0.0	-3.12e-03	0.0	85.0	-373.04	-0.19	0.05	-0.14	3.85	111.94
2797	4	92.68	3.29	-0.02	-3.02	0.0	-316.14	2.57	0.04	-0.14	0.0	0.0
		0.0	0.0	-2.67e-03	0.0	85.0	-316.14	-0.45	0.04	-0.14	3.29	89.86
2797	5	92.68	3.29	-0.02	-3.02	0.0	-316.14	2.57	0.04	-0.14	0.0	0.0
		0.0	0.0	-2.67e-03	0.0	85.0	-316.14	-0.45	0.04	-0.14	3.29	89.86
2798	1	87.53	5.92	-3.24e-03	-4.16	0.0	-497.88	2.09	0.01	3.19	4.95	40.12
		40.12	4.95	-2.94e-03	0.0	90.0	-497.88	-2.07	0.01	3.19	5.92	41.34
2798	2	70.27	4.80	-2.61e-03	-3.20	0.0	-402.76	1.61	8.66e-03	2.57	4.02	33.74
		33.74	4.02	-2.37e-03	0.0	90.0	-402.76	-1.59	8.66e-03	2.57	4.80	34.80
2798	3	66.03	4.43	-2.43e-03	-3.20	0.0	-374.12	1.61	7.94e-03	2.44	3.71	29.59
		29.59	3.71	-2.24e-03	0.0	90.0	-374.12	-1.59	7.94e-03	2.44	4.43	30.46
2798	4	57.53	3.77	-2.09e-03	-3.20	0.0	-317.06	1.61	6.44e-03	2.09	3.19	20.98
		20.98	3.19	-1.92e-03	0.0	90.0	-317.06	-1.59	6.44e-03	2.09	3.77	22.08
2798	5	57.53	3.77	-2.09e-03	-3.20	0.0	-317.06	1.61	6.44e-03	2.09	3.19	20.98
		20.98	3.19	-1.92e-03	0.0	90.0	-317.06	-1.59	6.44e-03	2.09	3.77	22.08
2799	1	151.19	8.96	0.03	-3.93	0.0	-496.53	0.19	-0.11	5.38	8.96	150.83
		0.0	0.0	-1.01e-03	0.0	85.0	-496.53	-3.74	-0.11	5.38	0.0	0.0
2799	2	123.69	7.25	0.02	-3.02	0.0	-401.66	0.06	-0.09	4.34	7.25	123.69
		0.0	0.0	-8.05e-04	0.0	85.0	-401.66	-2.97	-0.09	4.34	0.0	0.0
2799	3	113.11	6.70	0.02	-3.02	0.0	-373.11	0.19	-0.08	4.10	6.70	112.63
		0.0	0.0	-7.98e-04	0.0	85.0	-373.11	-2.84	-0.08	4.10	0.0	0.0
2799	4	93.26	5.72	0.02	-3.02	0.0	-316.23	0.45	-0.07	3.50	5.72	90.53
		0.0	0.0	-6.88e-04	0.0	85.0	-316.23	-2.58	-0.07	3.50	0.0	0.0
2799	5	93.26	5.72	0.02	-3.02	0.0	-316.23	0.45	-0.07	3.50	5.72	90.53
		0.0	0.0	-6.88e-04	0.0	85.0	-316.23	-2.58	-0.07	3.50	0.0	0.0
2800	1	152.26	0.0	-0.03	-3.93	0.0	-499.79	3.75	-0.01	7.95	0.0	0.0
		0.0	-1.04	-2.86e-03	0.0	85.0	-499.79	-0.18	-0.01	7.95	-1.04	151.98
2800	2	124.60	0.0	-0.02	-3.02	0.0	-404.26	2.98	-9.58e-03	6.43	0.0	0.0
		0.0	-0.81	-2.31e-03	0.0	85.0	-404.26	-0.05	-9.58e-03	6.43	-0.81	124.60
2800	3	113.95	0.0	-0.02	-3.02	0.0	-375.79	2.85	-9.06e-03	6.00	0.0	0.0
		0.0	-0.77	-2.18e-03	0.0	85.0	-375.79	-0.18	-9.06e-03	6.00	-0.77	113.51
2800	4	93.93	0.0	-0.02	-3.02	0.0	-318.58	2.59	-7.59e-03	5.09	0.0	0.0
		0.0	-0.64	-1.87e-03	0.0	85.0	-318.58	-0.44	-7.59e-03	5.09	-0.64	91.29
2800	5	93.93	0.0	-0.02	-3.02	0.0	-318.58	2.59	-7.59e-03	5.09	0.0	0.0
		0.0	-0.64	-1.87e-03	0.0	85.0	-318.58	-0.44	-7.59e-03	5.09	-0.64	91.29
2801	1	87.89	2.33	-2.67e-03	-4.16	0.0	-500.78	2.00	-8.77e-03	4.61	2.33	44.69
		37.49	1.54	-2.79e-03	0.0	90.0	-500.78	-2.16	-8.77e-03	4.61	1.54	37.49
2801	2	70.56	1.90	-2.16e-03	-3.20	0.0	-405.08	1.54	-7.30e-03	3.72	1.90	37.48
		31.64	1.25	-2.25e-03	0.0	90.0	-405.08	-1.67	-7.30e-03	3.72	1.25	31.64
2801	3	66.31	1.75	-2.01e-03	-3.20	0.0	-376.54	1.54	-7.03e-03	3.51	1.75	33.03
		27.57	1.12	-2.13e-03	0.0	90.0	-376.54	-1.66	-7.03e-03	3.51	1.12	27.57
2801	4	57.78	1.52	-1.73e-03	-3.20	0.0	-319.18	1.55	-6.08e-03	3.01	1.52	24.11
		19.44	0.97	-1.83e-03	0.0	90.0	-319.18	-1.65	-6.08e-03	3.01	0.97	19.44
2801	5	57.78	1.52	-1.73e-03	-3.20	0.0	-319.18	1.55	-6.08e-03	3.01	1.52	24.11
		19.44	0.97	-1.83e-03	0.0	90.0	-319.18	-1.65	-6.08e-03	3.01	0.97	19.44
2802	1	151.59	2.63	0.03	-3.93	0.0	-499.25	0.19	-0.03	-0.20	2.63	151.25
		0.0	0.0	-2.09e-03	0.0	85.0	-499.25	-3.74	-0.03	-0.20	0.0	0.0
2802	2	124.02	2.13	0.03	-3.02	0.0	-403.83	0.05	-0.03	-0.18	2.13	124.02
		0.0	0.0	-1.68e-03	0.0	85.0	-403.83	-2.97	-0.03	-0.18	0.0	0.0
2802	3	113.43	1.93	0.02	-3.02	0.0	-375.38	0.18	-0.02	-0.08	1.93	112.96
		0.0	0.0	-1.61e-03	0.0	85.0	-375.38	-2.84	-0.02	-0.08	0.0	0.0
2802	4	93.49	1.68	0.02	-3.02	0.0	-318.14	0.44	-0.02	-0.07	1.68	90.79
		0.0	0.0	-1.38e-03	0.0	85.0	-318.14	-2.58	-0.02	-0.07	0.0	0.0
2802	5	93.49	1.68	0.02	-3.02	0.0	-318.14	0.44	-0.02	-0.07	1.68	90.79
		0.0	0.0	-1.38e-03	0.0	85.0	-318.14	-2.58	-0.02	-0.07	0.0	0.0
2803	1	134.69	0.0	-0.02	-3.93	0.0	-413.57	3.53	-0.01	8.99	0.0	0.0
		0.0	-1.19	-2.72e-03	0.0	85.0	-413.57	-0.40	-0.01	8.99	-1.19	133.05
2803	2	110.00	0.0	-0.02	-3.02	0.0	-334.45	2.80	-0.01	7.26	0.0	0.0
		0.0	-0.94	-2.20e-03	0.0	85.0	-334.45	-0.23	-0.01	7.26	-0.94	109.31
2803	3	100.94	0.0	-0.02	-3.02	0.0	-310.52	2.68	-0.01	6.80	0.0	0.0
		0.0	-0.88	-2.08e-03	0.0	85.0	-310.52	-0.34	-0.01	6.80	-0.88	99.30
2803	4	84.02	0.0	-0.01	-3.02	0.0	-263.26	2.44	-9.13e-03	5.79	0.0	0.0
		0.0	-0.78	-1.78e-03	0.0	85.0	-263.26	-0.58	-9.13e-03	5.79	-0.78	79.32
2803	5	84.02	0.0	-0.01	-3.02	0.0	-263.26	2.44	-9.13e-03	5.79	0.0	0.0
		0.0	-0.78	-1.78e-03	0.0	85.0	-263.26	-0.58	-9.13e-03	5.79	-0.78	79.32
2804	1	59.63	2.83	3.00e-03	-4.16	0.0	-417.10	1.97	-0.03	5.53	2.83	17.97
		7.67	-0.10	-2.70e-03	0.0	90.0	-417.10	-2.19	-0.03	5.53	-0.10	7.67
2804	2	47.70	2.31	2.43e-03	-3.20	0.0	-337.32	1.51	-0.03	4.46	2.31	15.93
		7.47	-0.07	-2.17e-03	0.0	90.0	-337.32	-1.69	-0.03	4.46	-0.07	7.47
2804	3	45.05	2.13	2.26e-03	-3.20	0.0	-313.19	1.51	-0.03	4.21	2.13	13.08
		5.01	-0.12	-2.06e-03	0.0	90.0	-313.19	-1.69	-0.03	4.21	-0.12	5.01
2804	4	39.75	1.81	1.95e-03	-3.20	0.0	-265.52	1.52	-0.02	3.60	1.81	7.44
		0.05	-0.05	-1.77e-03	0.0	90.0	-265.52	-1.68	-0.02	3.60	-0.05	0.05
2804	5	39.75	1.81	1.95e-03	-3.20	0.0	-265.52	1.52	-0.02	3.60	1.81	7.44
		0.05	-0.05	-1.77e-03	0.0	90.0	-265.52	-1.68	-0.02	3.60	-0.05	0.05

2805	1	134.20	1.35	0.03	-3.93	0.0	-412.32	0.41	-0.02	0.18	1.35	132.49
		0.0	0.0	-2.28e-03	0.0	85.0	-412.32	-3.52	-0.02	0.18	0.0	0.0
2805	2	109.58	1.10	0.02	-3.02	0.0	-333.53	0.23	-0.01	0.13	1.10	108.85
		0.0	0.0	-1.83e-03	0.0	85.0	-333.53	-2.79	-0.01	0.13	0.0	0.0
2805	3	100.69	0.96	0.02	-3.02	0.0	-309.69	0.35	-0.01	0.21	0.96	99.02
		0.0	0.0	-1.75e-03	0.0	85.0	-309.69	-2.68	-0.01	0.21	0.0	0.0
2805	4	83.58	0.88	0.02	-3.02	0.0	-262.38	0.58	-0.01	0.16	0.88	78.78
		0.0	0.0	-1.50e-03	0.0	85.0	-262.38	-2.44	-0.01	0.16	0.0	0.0
2805	5	83.58	0.88	0.02	-3.02	0.0	-262.38	0.58	-0.01	0.16	0.88	78.78
		0.0	0.0	-1.50e-03	0.0	85.0	-262.38	-2.44	-0.01	0.16	0.0	0.0
2806	1	130.56	4.83	-0.02	-3.93	0.0	-405.17	3.47	0.06	1.56	0.0	0.0
		0.0	0.0	-3.86e-03	0.0	85.0	-405.17	-0.45	0.06	1.56	4.83	128.34
2806	2	106.45	3.93	-0.02	-3.02	0.0	-327.73	2.75	0.05	1.25	0.0	0.0
		0.0	0.0	-3.11e-03	0.0	85.0	-327.73	-0.27	0.05	1.25	3.93	105.52
2806	3	97.80	3.65	-0.01	-3.02	0.0	-304.20	2.64	0.04	1.22	0.0	0.0
		0.0	0.0	-2.93e-03	0.0	85.0	-304.20	-0.39	0.04	1.22	3.65	95.71
2806	4	81.45	3.03	-0.01	-3.02	0.0	-257.90	2.41	0.04	1.08	0.0	0.0
		0.0	0.0	-2.51e-03	0.0	85.0	-257.90	-0.62	0.04	1.08	3.03	76.16
2806	5	81.45	3.03	-0.01	-3.02	0.0	-257.90	2.41	0.04	1.08	0.0	0.0
		0.0	0.0	-2.51e-03	0.0	85.0	-257.90	-0.62	0.04	1.08	3.03	76.16
2807	1	59.61	5.78	5.25e-03	-4.16	0.0	-405.79	1.78	-0.03	5.19	5.78	25.22
		-1.50	2.67	-2.79e-03	0.0	90.0	-405.79	-2.38	-0.03	5.19	2.67	-1.50
2807	2	47.73	4.69	4.23e-03	-3.20	0.0	-328.25	1.36	-0.03	4.18	4.69	21.78
		0.08	2.17	-2.25e-03	0.0	90.0	-328.25	-1.84	-0.03	4.18	2.17	0.08
2807	3	45.04	4.36	3.95e-03	-3.20	0.0	-304.68	1.37	-0.03	3.95	4.36	18.48
		-1.83	1.94	-2.13e-03	0.0	90.0	-304.68	-1.83	-0.03	3.95	1.94	-1.83
2807	4	39.64	3.66	3.38e-03	-3.20	0.0	-258.18	1.41	-0.02	3.37	3.66	11.82
		-5.59	1.77	-1.83e-03	0.0	90.0	-258.18	-1.79	-0.02	3.37	1.77	-5.59
2807	5	39.64	3.66	3.38e-03	-3.20	0.0	-258.18	1.41	-0.02	3.37	3.66	11.82
		-5.59	1.77	-1.83e-03	0.0	90.0	-258.18	-1.79	-0.02	3.37	1.77	-5.59
2808	1	129.35	6.90	0.03	-3.93	0.0	-398.21	0.47	-0.08	7.94	6.90	126.95
		0.0	0.0	-1.37e-03	0.0	85.0	-398.21	-3.46	-0.08	7.94	0.0	0.0
2808	2	105.41	5.59	0.02	-3.02	0.0	-322.16	0.28	-0.07	6.41	5.59	104.41
		0.0	0.0	-1.10e-03	0.0	85.0	-322.16	-2.74	-0.07	6.41	0.0	0.0
2808	3	97.07	5.11	0.02	-3.02	0.0	-299.01	0.40	-0.06	6.03	5.11	94.87
		0.0	0.0	-1.07e-03	0.0	85.0	-299.01	-2.63	-0.06	6.03	0.0	0.0
2808	4	80.69	4.48	0.02	-3.02	0.0	-253.03	0.63	-0.05	5.11	4.48	75.22
		0.0	0.0	-9.12e-04	0.0	85.0	-253.03	-2.40	-0.05	5.11	0.0	0.0
2808	5	80.69	4.48	0.02	-3.02	0.0	-253.03	0.63	-0.05	5.11	4.48	75.22
		0.0	0.0	-9.12e-04	0.0	85.0	-253.03	-2.40	-0.05	5.11	0.0	0.0
2809	1	146.98	8.07	-0.02	-3.93	0.0	-493.72	3.69	0.09	-3.92	0.0	0.0
		0.0	0.0	-4.66e-03	0.0	85.0	-493.72	-0.24	0.09	-3.92	8.07	146.34
2809	2	120.12	6.54	-0.02	-3.02	0.0	-399.46	2.92	0.08	-3.17	0.0	0.0
		0.0	0.0	-3.76e-03	0.0	85.0	-399.46	-0.10	0.08	-3.17	6.54	120.09
2809	3	109.93	6.10	-0.02	-3.02	0.0	-371.10	2.80	0.07	-2.90	0.0	0.0
		0.0	0.0	-3.53e-03	0.0	85.0	-371.10	-0.23	0.07	-2.90	6.10	109.23
2809	4	90.67	5.13	-0.01	-3.02	0.0	-314.32	2.54	0.06	-2.44	0.0	0.0
		0.0	0.0	-3.03e-03	0.0	85.0	-314.32	-0.48	0.06	-2.44	5.13	87.50
2809	5	90.67	5.13	-0.01	-3.02	0.0	-314.32	2.54	0.06	-2.44	0.0	0.0
		0.0	0.0	-3.03e-03	0.0	85.0	-314.32	-0.48	0.06	-2.44	5.13	87.50
2810	1	86.77	6.24	7.24e-03	-4.16	0.0	-495.54	2.07	-0.04	1.78	6.24	40.41
		39.52	2.79	-3.24e-03	0.0	90.0	-495.54	-2.09	-0.04	1.78	2.79	39.52
2810	2	69.67	5.05	5.84e-03	-3.20	0.0	-400.94	1.59	-0.03	1.42	5.05	34.04
		33.29	2.27	-2.61e-03	0.0	90.0	-400.94	-1.61	-0.03	1.42	2.27	33.29
2810	3	65.45	4.72	5.45e-03	-3.20	0.0	-372.46	1.59	-0.03	1.38	4.72	29.76
		29.14	2.02	-2.47e-03	0.0	90.0	-372.46	-1.61	-0.03	1.38	2.02	29.14
2810	4	57.00	3.96	4.67e-03	-3.20	0.0	-315.46	1.60	-0.02	1.18	3.96	21.18
		20.82	1.86	-2.12e-03	0.0	90.0	-315.46	-1.60	-0.02	1.18	1.86	20.82
2810	5	57.00	3.96	4.67e-03	-3.20	0.0	-315.46	1.60	-0.02	1.18	3.96	21.18
		20.82	1.86	-2.12e-03	0.0	90.0	-315.46	-1.60	-0.02	1.18	1.86	20.82
2811	1	146.26	5.85	0.04	-3.93	0.0	-487.55	0.25	-0.07	7.25	5.85	145.58
		0.0	0.0	-1.86e-03	0.0	85.0	-487.55	-3.68	-0.07	7.25	0.0	0.0
2811	2	119.53	4.74	0.03	-3.02	0.0	-394.47	0.11	-0.06	5.85	4.74	119.47
		0.0	0.0	-1.49e-03	0.0	85.0	-394.47	-2.92	-0.06	5.85	0.0	0.0
2811	3	109.42	4.31	0.03	-3.02	0.0	-366.48	0.23	-0.05	5.50	4.31	108.68
		0.0	0.0	-1.44e-03	0.0	85.0	-366.48	-2.79	-0.05	5.50	0.0	0.0
2811	4	90.28	3.81	0.02	-3.02	0.0	-310.34	0.49	-0.04	4.65	3.81	87.03
		0.0	0.0	-1.23e-03	0.0	85.0	-310.34	-2.54	-0.04	4.65	0.0	0.0
2811	5	90.28	3.81	0.02	-3.02	0.0	-310.34	0.49	-0.04	4.65	3.81	87.03
		0.0	0.0	-1.23e-03	0.0	85.0	-310.34	-2.54	-0.04	4.65	0.0	0.0
2812	1	162.69	5.51	-0.03	-3.93	0.0	-538.91	3.88	0.06	-3.30	0.0	0.0
		0.0	0.0	-4.50e-03	0.0	85.0	-538.91	-0.05	0.06	-3.30	5.51	162.69
2812	2	133.30	4.46	-0.02	-3.02	0.0	-436.01	3.08	0.05	-2.65	0.0	0.0
		0.0	0.0	-3.63e-03	0.0	85.0	-436.01	0.06	0.05	-2.65	4.46	133.30
2812	3	121.52	4.20	-0.02	-3.02	0.0	-405.10	2.94	0.05	-2.44	0.0	0.0
		0.0	0.0	-3.42e-03	0.0	85.0	-405.10	-0.08	0.05	-2.44	4.20	121.52
2812	4	99.76	3.55	-0.02	-3.02	0.0	-343.15	2.66	0.04	-2.11	0.0	0.0



		0.0	0.0	-2.94e-03	0.0	85.0	-343.15	-0.36	0.04	-2.11	3.55	97.96
2812	5	99.76	3.55	-0.02	-3.02	0.0	-343.15	2.66	0.04	-2.11	0.0	0.0
		0.0	0.0	-2.94e-03	0.0	85.0	-343.15	-0.36	0.04	-2.11	3.55	97.96
2813	1	94.10	3.05	6.70e-03	-4.16	0.0	-540.83	2.04	-0.04	-3.27	3.05	49.06
		45.54	-0.36	-3.87e-03	0.0	90.0	-540.83	-2.12	-0.04	-3.27	-0.36	45.54
2813	2	75.60	2.48	5.40e-03	-3.20	0.0	-437.57	1.57	-0.03	-2.64	2.48	40.92
		38.26	-0.29	-3.11e-03	0.0	90.0	-437.57	-1.63	-0.03	-2.64	-0.29	38.26
2813	3	70.96	2.34	5.04e-03	-3.20	0.0	-406.54	1.57	-0.03	-2.42	2.34	36.18
		33.74	-0.35	-2.94e-03	0.0	90.0	-406.54	-1.63	-0.03	-2.42	-0.35	33.74
2813	4	61.69	1.95	4.33e-03	-3.20	0.0	-344.35	1.58	-0.02	-2.08	1.95	26.73
		24.63	-0.13	-2.53e-03	0.0	90.0	-344.35	-1.62	-0.02	-2.08	-0.13	24.63
2813	5	61.69	1.95	4.33e-03	-3.20	0.0	-344.35	1.58	-0.02	-2.08	1.95	26.73
		24.63	-0.13	-2.53e-03	0.0	90.0	-344.35	-1.62	-0.02	-2.08	-0.13	24.63
2814	1	158.21	0.0	0.04	-3.93	0.0	-536.44	0.10	0.03	-3.50	-2.59	158.21
		0.0	-2.59	-3.79e-03	0.0	85.0	-536.44	-3.83	0.03	-3.50	0.0	0.0
2814	2	129.69	0.0	0.03	-3.02	0.0	-433.84	-0.01	0.02	-2.83	-2.09	129.69
		0.0	-2.09	-3.05e-03	0.0	85.0	-433.84	-3.04	0.02	-2.83	0.0	0.0
2814	3	118.31	0.0	0.03	-3.02	0.0	-403.15	0.12	0.02	-2.58	-2.05	118.17
		0.0	-2.05	-2.89e-03	0.0	85.0	-403.15	-2.90	0.02	-2.58	0.0	0.0
2814	4	97.28	0.0	0.02	-3.02	0.0	-341.71	0.39	0.02	-2.23	-1.57	95.12
		0.0	-1.57	-2.46e-03	0.0	85.0	-341.71	-2.63	0.02	-2.23	0.0	0.0
2814	5	97.28	0.0	0.02	-3.02	0.0	-341.71	0.39	0.02	-2.23	-1.57	95.12
		0.0	-1.57	-2.46e-03	0.0	85.0	-341.71	-2.63	0.02	-2.23	0.0	0.0
2815	1	160.54	0.0	-0.03	-3.93	0.0	-503.34	3.85	-5.31e-03	2.23	0.0	0.0
		0.0	-0.45	-3.66e-03	0.0	85.0	-503.34	-0.08	-5.31e-03	2.23	-0.45	160.54
2815	2	131.51	0.0	-0.02	-3.02	0.0	-407.16	3.06	-4.20e-03	1.83	0.0	0.0
		0.0	-0.36	-2.95e-03	0.0	85.0	-407.16	0.04	-4.20e-03	1.83	-0.36	131.51
2815	3	119.92	0.0	-0.02	-3.02	0.0	-378.27	2.92	-3.06e-03	1.71	0.0	0.0
		0.0	-0.26	-2.79e-03	0.0	85.0	-378.27	-0.10	-3.06e-03	1.71	-0.26	119.88
2815	4	98.67	0.0	-0.02	-3.02	0.0	-320.73	2.65	-2.56e-03	1.37	0.0	0.0
		0.0	-0.22	-2.42e-03	0.0	85.0	-320.73	-0.37	-2.56e-03	1.37	-0.22	96.71
2815	5	98.67	0.0	-0.02	-3.02	0.0	-320.73	2.65	-2.56e-03	1.37	0.0	0.0
		0.0	-0.22	-2.42e-03	0.0	85.0	-320.73	-0.37	-2.56e-03	1.37	-0.22	96.71
2816	1	89.85	-1.55	4.41e-03	-4.16	0.0	-504.75	1.90	-0.03	-6.70	-1.55	50.90
		34.62	-4.15	-4.32e-03	0.0	90.0	-504.75	-2.26	-0.03	-6.70	-4.15	34.62
2816	2	72.17	-1.23	3.56e-03	-3.20	0.0	-408.31	1.45	-0.02	-5.40	-1.23	42.45
		29.37	-3.37	-3.48e-03	0.0	90.0	-408.31	-1.75	-0.02	-5.40	-3.37	29.37
2816	3	67.74	-1.10	3.32e-03	-3.20	0.0	-379.33	1.47	-0.02	-4.99	-1.10	37.61
		25.48	-3.21	-3.28e-03	0.0	90.0	-379.33	-1.73	-0.02	-4.99	-3.21	25.48
2816	4	58.90	-0.99	2.84e-03	-3.20	0.0	-321.61	1.49	-0.02	-4.30	-0.99	27.87
		17.79	-2.51	-2.83e-03	0.0	90.0	-321.61	-1.71	-0.02	-4.30	-2.51	17.79
2816	5	58.90	-0.99	2.84e-03	-3.20	0.0	-321.61	1.49	-0.02	-4.30	-0.99	27.87
		17.79	-2.51	-2.83e-03	0.0	90.0	-321.61	-1.71	-0.02	-4.30	-2.51	17.79
2817	1	151.92	0.0	0.03	-3.93	0.0	-500.70	0.18	0.14	-14.82	-11.66	151.62
		0.0	-11.66	-5.75e-03	0.0	85.0	-500.70	-3.75	0.14	-14.82	0.0	0.0
2817	2	124.31	0.0	0.03	-3.02	0.0	-404.97	0.05	0.11	-11.98	-9.44	124.31
		0.0	-9.44	-4.64e-03	0.0	85.0	-404.97	-2.97	0.11	-11.98	0.0	0.0
2817	3	113.66	0.0	0.03	-3.02	0.0	-376.22	0.18	0.10	-11.08	-8.87	113.21
		0.0	-8.87	-4.37e-03	0.0	85.0	-376.22	-2.84	0.10	-11.08	0.0	0.0
2817	4	93.68	0.0	0.02	-3.02	0.0	-318.78	0.44	0.09	-9.47	-7.32	91.01
		0.0	-7.32	-3.71e-03	0.0	85.0	-318.78	-2.58	0.09	-9.47	0.0	0.0
2817	5	93.68	0.0	0.02	-3.02	0.0	-318.78	0.44	0.09	-9.47	-7.32	91.01
		0.0	-7.32	-3.71e-03	0.0	85.0	-318.78	-2.58	0.09	-9.47	0.0	0.0
2818	1	131.51	0.0	-0.02	-3.93	0.0	-377.47	3.49	-0.04	5.22	0.0	0.0
		0.0	-3.44	-3.24e-03	0.0	85.0	-377.47	-0.44	-0.04	5.22	-3.44	129.43
2818	2	107.23	0.0	-0.02	-3.02	0.0	-305.17	2.76	-0.03	4.25	0.0	0.0
		0.0	-2.78	-2.60e-03	0.0	85.0	-305.17	-0.26	-0.03	4.25	-2.78	106.35
2818	3	98.34	0.0	-0.02	-3.02	0.0	-284.14	2.64	-0.03	3.96	0.0	0.0
		0.0	-2.49	-2.48e-03	0.0	85.0	-284.14	-0.38	-0.03	3.96	-2.49	96.33
2818	4	81.92	0.0	-0.01	-3.02	0.0	-240.96	2.41	-0.02	3.25	0.0	0.0
		0.0	-2.12	-2.15e-03	0.0	85.0	-240.96	-0.61	-0.02	3.25	-2.12	76.74
2818	5	81.92	0.0	-0.01	-3.02	0.0	-240.96	2.41	-0.02	3.25	0.0	0.0
		0.0	-2.12	-2.15e-03	0.0	85.0	-240.96	-0.61	-0.02	3.25	-2.12	76.74
2819	1	57.19	-3.93	1.42e-03	-4.16	0.0	-382.50	1.94	-0.02	-8.00	-3.93	16.49
		4.19	-5.41	-4.52e-03	0.0	90.0	-382.50	-2.22	-0.02	-8.00	-5.41	4.19
2819	2	45.75	-3.15	1.14e-03	-3.20	0.0	-309.25	1.49	-0.01	-6.45	-3.15	14.70
		4.66	-4.40	-3.64e-03	0.0	90.0	-309.25	-1.71	-0.01	-6.45	-4.40	4.66
2819	3	43.23	-2.88	1.06e-03	-3.20	0.0	-287.91	1.49	-0.01	-5.97	-2.88	11.96
		2.43	-4.16	-3.43e-03	0.0	90.0	-287.91	-1.71	-0.01	-5.97	-4.16	2.43
2819	4	38.20	-2.53	-9.18e-04	-3.20	0.0	-244.17	1.51	-7.98e-03	-5.15	-2.53	6.26
		-1.87	-3.24	-2.96e-03	0.0	90.0	-244.17	-1.69	-7.98e-03	-5.15	-3.24	-1.87
2819	5	38.20	-2.53	-9.18e-04	-3.20	0.0	-244.17	1.51	-7.98e-03	-5.15	-2.53	6.26
		-1.87	-3.24	-2.96e-03	0.0	90.0	-244.17	-1.69	-7.98e-03	-5.15	-3.24	-1.87
2820	1	128.31	0.0	0.02	-3.93	0.0	-382.02	0.49	0.18	-19.05	-14.91	125.76
		0.0	-14.91	-6.52e-03	0.0	85.0	-382.02	-3.44	0.18	-19.05	0.0	0.0
2820	2	104.52	0.0	0.02	-3.02	0.0	-308.96	0.29	0.14	-15.40	-12.08	103.39
		0.0	-12.08	-5.26e-03	0.0	85.0	-308.96	-2.73	0.14	-15.40	0.0	0.0



2820	3	96.15	0.0	0.02	-3.02	0.0	-287.70	0.41	0.13	-14.24	-11.31	93.83
		0.0	-11.31	-4.95e-03	0.0	85.0	-287.70	-2.62	0.13	-14.24	0.0	0.0
2820	4	80.22	0.0	0.02	-3.02	0.0	-244.50	0.63	0.11	-12.15	-9.32	74.65
		0.0	-9.32	-4.19e-03	0.0	85.0	-244.50	-2.39	0.11	-12.15	0.0	0.0
2820	5	80.22	0.0	0.02	-3.02	0.0	-244.50	0.63	0.11	-12.15	-9.32	74.65
		0.0	-9.32	-4.19e-03	0.0	85.0	-244.50	-2.39	0.11	-12.15	0.0	0.0
2821	1	103.71	2.00	-0.02	-3.93	0.0	-305.55	3.10	0.02	-0.40	0.0	0.0
		0.0	0.0	-4.14e-03	0.0	85.0	-305.55	-0.83	0.02	-0.40	2.00	96.33
2821	2	84.21	1.61	-0.02	-3.02	0.0	-246.85	2.45	0.02	-0.28	0.0	0.0
		0.0	0.0	-3.33e-03	0.0	85.0	-246.85	-0.58	0.02	-0.28	1.61	79.55
2821	3	77.75	1.62	-0.02	-3.02	0.0	-229.93	2.35	0.02	-0.28	0.0	0.0
		0.0	0.0	-3.16e-03	0.0	85.0	-229.93	-0.67	0.02	-0.28	1.62	71.54
2821	4	65.96	1.39	-0.01	-3.02	0.0	-195.66	2.17	0.02	-0.36	0.0	0.0
		0.0	0.0	-2.74e-03	0.0	85.0	-195.66	-0.85	0.02	-0.36	1.39	55.80
2821	5	65.96	1.39	-0.01	-3.02	0.0	-195.66	2.17	0.02	-0.36	0.0	0.0
		0.0	0.0	-2.74e-03	0.0	85.0	-195.66	-0.85	0.02	-0.36	1.39	55.80
2822	1	49.06	-0.50	-2.61e-03	-4.16	0.0	-306.31	2.25	-0.05	-8.11	-0.50	-5.39
		-5.39	-5.00	-4.51e-03	0.0	90.0	-306.31	-1.91	-0.05	-8.11	-5.00	9.49
2822	2	39.15	-0.38	-2.09e-03	-3.20	0.0	-247.46	1.73	-0.04	-6.53	-0.38	-2.99
		-2.99	-4.07	-3.63e-03	0.0	90.0	-247.46	-1.47	-0.04	-6.53	-4.07	8.91
2822	3	37.11	-0.28	-1.97e-03	-3.20	0.0	-230.52	1.73	-0.04	-6.05	-0.28	-4.66
		-4.66	-3.88	-3.42e-03	0.0	90.0	-230.52	-1.48	-0.04	-6.05	-3.88	6.59
2822	4	33.02	-0.32	-1.71e-03	-3.20	0.0	-196.22	1.71	-0.03	-5.23	-0.32	-7.91
		-7.91	-2.99	-2.95e-03	0.0	90.0	-196.22	-1.49	-0.03	-5.23	-2.99	1.84
2822	5	33.02	-0.32	-1.71e-03	-3.20	0.0	-196.22	1.71	-0.03	-5.23	-0.32	-7.91
		-7.91	-2.99	-2.95e-03	0.0	90.0	-196.22	-1.49	-0.03	-5.23	-2.99	1.84
2823	1	102.53	0.0	0.02	-3.93	0.0	-299.14	0.85	0.15	-15.86	-12.97	94.88
		0.0	-12.97	-6.09e-03	0.0	85.0	-299.14	-3.08	0.15	-15.86	0.0	0.0
2823	2	83.22	0.0	0.01	-3.02	0.0	-241.67	0.59	0.12	-12.82	-10.51	78.34
		0.0	-10.51	-4.91e-03	0.0	85.0	-241.67	-2.43	0.12	-12.82	0.0	0.0
2823	3	77.05	0.0	0.01	-3.02	0.0	-225.17	0.68	0.12	-11.85	-9.88	70.61
		0.0	-9.88	-4.63e-03	0.0	85.0	-225.17	-2.34	0.12	-11.85	0.0	0.0
2823	4	65.50	0.0	0.01	-3.02	0.0	-192.08	0.86	0.10	-10.12	-8.09	55.13
		0.0	-8.09	-3.92e-03	0.0	85.0	-192.08	-2.16	0.10	-10.12	0.0	0.0
2823	5	65.50	0.0	0.01	-3.02	0.0	-192.08	0.86	0.10	-10.12	-8.09	55.13
		0.0	-8.09	-3.92e-03	0.0	85.0	-192.08	-2.16	0.10	-10.12	0.0	0.0
2824	1	90.92	5.95	-0.02	-3.93	0.0	-347.67	2.90	0.07	-4.57	0.0	0.0
		0.0	0.0	-4.77e-03	0.0	85.0	-347.67	-1.03	0.07	-4.57	5.95	79.48
2824	2	73.47	4.80	-0.02	-3.02	0.0	-280.94	2.29	0.06	-3.64	0.0	0.0
		0.0	0.0	-3.84e-03	0.0	85.0	-280.94	-0.74	0.06	-3.64	4.80	65.84
2824	3	68.37	4.60	-0.02	-3.02	0.0	-261.34	2.21	0.05	-3.42	0.0	0.0
		0.0	0.0	-3.64e-03	0.0	85.0	-261.34	-0.82	0.05	-3.42	4.60	59.04
2824	4	58.84	3.93	-0.02	-3.02	0.0	-222.47	2.05	0.05	-3.04	0.0	0.0
		0.0	0.0	-3.14e-03	0.0	85.0	-222.47	-0.98	0.05	-3.04	3.93	45.44
2824	5	58.84	3.93	-0.02	-3.02	0.0	-222.47	2.05	0.05	-3.04	0.0	0.0
		0.0	0.0	-3.14e-03	0.0	85.0	-222.47	-0.98	0.05	-3.04	3.93	45.44
2825	1	63.70	2.09	-4.50e-03	-4.16	0.0	-347.28	1.68	-0.08	-7.99	2.09	33.47
		-2.92	-4.77	-4.46e-03	0.0	90.0	-347.28	-2.48	-0.08	-7.99	-4.77	-2.92
2825	2	51.08	1.71	-3.62e-03	-3.20	0.0	-280.63	1.27	-0.06	-6.43	1.71	28.38
		-1.11	-3.88	-3.59e-03	0.0	90.0	-280.63	-1.93	-0.06	-6.43	-3.88	-1.11
2825	3	48.07	1.67	-3.39e-03	-3.20	0.0	-261.03	1.30	-0.06	-5.96	1.67	24.54
		-2.73	-3.71	-3.39e-03	0.0	90.0	-261.03	-1.90	-0.06	-5.96	-3.71	-2.73
2825	4	42.32	1.35	-2.94e-03	-3.20	0.0	-222.19	1.35	-0.05	-5.16	1.35	16.84
		-5.92	-2.85	-2.92e-03	0.0	90.0	-222.19	-1.85	-0.05	-5.16	-2.85	-5.92
2825	5	42.32	1.35	-2.94e-03	-3.20	0.0	-222.19	1.35	-0.05	-5.16	1.35	16.84
		-5.92	-2.85	-2.92e-03	0.0	90.0	-222.19	-1.85	-0.05	-5.16	-2.85	-5.92
2826	1	85.63	0.0	0.01	-3.93	0.0	-339.75	1.11	0.14	-13.48	-11.54	72.36
		0.0	-11.54	-5.75e-03	0.0	85.0	-339.75	-2.82	0.14	-13.48	0.0	0.0
2826	2	69.13	0.0	0.01	-3.02	0.0	-274.50	0.80	0.11	-10.90	-9.35	60.05
		0.0	-9.35	-4.63e-03	0.0	85.0	-274.50	-2.22	0.11	-10.90	0.0	0.0
2826	3	64.51	0.0	0.01	-3.02	0.0	-255.38	0.88	0.10	-10.07	-8.81	53.69
		0.0	-8.81	-4.37e-03	0.0	85.0	-255.38	-2.14	0.10	-10.07	0.0	0.0
2826	4	55.82	0.0	8.86e-03	-3.02	0.0	-217.37	1.03	0.08	-8.61	-7.18	41.05
		0.0	-7.18	-3.70e-03	0.0	85.0	-217.37	-1.99	0.08	-8.61	0.0	0.0
2826	5	55.82	0.0	8.86e-03	-3.02	0.0	-217.37	1.03	0.08	-8.61	-7.18	41.05
		0.0	-7.18	-3.70e-03	0.0	85.0	-217.37	-1.99	0.08	-8.61	0.0	0.0
2827	1	568.87	0.0	-0.03	-2.08	0.0	-400.00	13.68	-0.08	-17.25	0.0	0.0
		0.0	-3.56	-1.37e-03	0.0	45.0	-400.00	11.60	-0.08	-17.25	-3.56	568.87
2827	2	462.50	0.0	-0.03	-1.60	0.0	-324.60	11.08	-0.06	-13.97	0.0	0.0
		0.0	-2.92	-1.10e-03	0.0	45.0	-324.60	9.48	-0.06	-13.97	-2.92	462.50
2827	3	426.54	0.0	-0.02	-1.60	0.0	-300.22	10.28	-0.06	-12.96	0.0	0.0
		0.0	-2.66	-1.03e-03	0.0	45.0	-300.22	8.68	-0.06	-12.96	-2.66	426.54
2827	4	354.61	0.0	-0.02	-1.60	0.0	-251.47	8.68	-0.05	-10.95	0.0	0.0
		0.0	-2.14	-8.91e-04	0.0	45.0	-251.47	7.08	-0.05	-10.95	-2.14	354.61
2827	5	354.61	0.0	-0.02	-1.60	0.0	-251.47	8.68	-0.05	-10.95	0.0	0.0
		0.0	-2.14	-8.91e-04	0.0	45.0	-251.47	7.08	-0.05	-10.95	-2.14	354.61
2828	1	561.23	0.0	-0.03	-2.08	0.0	-486.12	13.51	-0.24	-10.16	0.0	0.0

		0.0	-10.67	-9.65e-04	0.0	45.0	-486.12	11.43	-0.24	-10.16	-10.67	561.23
2828	2	456.32	0.0	-0.02	-1.60	0.0	-394.12	10.94	-0.19	-8.24	0.0	0.0
		0.0	-8.67	-7.74e-04	0.0	45.0	-394.12	9.34	-0.19	-8.24	-8.67	456.32
2828	3	420.79	0.0	-0.02	-1.60	0.0	-364.96	10.15	-0.18	-7.63	0.0	0.0
		0.0	-8.00	-7.30e-04	0.0	45.0	-364.96	8.55	-0.18	-7.63	-8.00	420.79
2828	4	349.76	0.0	-0.02	-1.60	0.0	-306.63	8.57	-0.15	-6.36	0.0	0.0
		0.0	-6.66	-6.30e-04	0.0	45.0	-306.63	6.97	-0.15	-6.36	-6.66	349.76
2828	5	349.76	0.0	-0.02	-1.60	0.0	-306.63	8.57	-0.15	-6.36	0.0	0.0
		0.0	-6.66	-6.30e-04	0.0	45.0	-306.63	6.97	-0.15	-6.36	-6.66	349.76
2829	1	565.83	0.0	-0.02	-2.08	0.0	-498.73	13.61	-0.28	-1.44	0.0	0.0
		0.0	-12.64	-7.89e-04	0.0	45.0	-498.73	11.53	-0.28	-1.44	-12.64	565.83
2829	2	460.15	0.0	-0.02	-1.60	0.0	-404.54	11.03	-0.23	-1.20	0.0	0.0
		0.0	-10.25	-6.36e-04	0.0	45.0	-404.54	9.43	-0.23	-1.20	-10.25	460.15
2829	3	424.16	0.0	-0.02	-1.60	0.0	-374.30	10.23	-0.21	-1.07	0.0	0.0
		0.0	-9.49	-5.96e-04	0.0	45.0	-374.30	8.63	-0.21	-1.07	-9.49	424.16
2829	4	352.20	0.0	-0.01	-1.60	0.0	-313.94	8.63	-0.18	-0.79	0.0	0.0
		0.0	-7.92	-5.24e-04	0.0	45.0	-313.94	7.03	-0.18	-0.79	-7.92	352.20
2829	5	352.20	0.0	-0.01	-1.60	0.0	-313.94	8.63	-0.18	-0.79	0.0	0.0
		0.0	-7.92	-5.24e-04	0.0	45.0	-313.94	7.03	-0.18	-0.79	-7.92	352.20
2830	1	540.59	0.0	-0.02	-2.08	0.0	-450.58	13.05	-0.12	-12.78	0.0	0.0
		0.0	-5.21	-1.19e-03	0.0	45.0	-450.58	10.97	-0.12	-12.78	-5.21	540.59
2830	2	439.65	0.0	-0.02	-1.60	0.0	-365.74	10.57	-0.09	-10.38	0.0	0.0
		0.0	-4.25	-9.60e-04	0.0	45.0	-365.74	8.97	-0.09	-10.38	-4.25	439.65
2830	3	405.24	0.0	-0.01	-1.60	0.0	-337.98	9.81	-0.09	-9.60	0.0	0.0
		0.0	-3.90	-8.98e-04	0.0	45.0	-337.98	8.21	-0.09	-9.60	-3.90	405.24
2830	4	336.41	0.0	-0.01	-1.60	0.0	-282.46	8.28	-0.07	-8.03	0.0	0.0
		0.0	-3.20	-7.78e-04	0.0	45.0	-282.46	6.68	-0.07	-8.03	-3.20	336.41
2830	5	336.41	0.0	-0.01	-1.60	0.0	-282.46	8.28	-0.07	-8.03	0.0	0.0
		0.0	-3.20	-7.78e-04	0.0	45.0	-282.46	6.68	-0.07	-8.03	-3.20	336.41
2831	1	507.07	0.0	-0.01	-2.08	0.0	-286.35	12.31	-0.10	-24.73	0.0	0.0
		0.0	-4.45	-1.32e-03	0.0	45.0	-286.35	10.23	-0.10	-24.73	-4.45	507.07
2831	2	412.40	0.0	-0.01	-1.60	0.0	-232.45	9.96	-0.08	-20.03	0.0	0.0
		0.0	-3.65	-1.07e-03	0.0	45.0	-232.45	8.36	-0.08	-20.03	-3.65	412.40
2831	3	380.15	0.0	-0.01	-1.60	0.0	-214.84	9.25	-0.07	-18.55	0.0	0.0
		0.0	-3.34	-9.91e-04	0.0	45.0	-214.84	7.65	-0.07	-18.55	-3.34	380.15
2831	4	315.61	0.0	-9.10e-03	-1.60	0.0	-179.48	7.81	-0.06	-15.63	0.0	0.0
		0.0	-2.72	-8.57e-04	0.0	45.0	-179.48	6.21	-0.06	-15.63	-2.72	315.61
2831	5	315.61	0.0	-9.10e-03	-1.60	0.0	-179.48	7.81	-0.06	-15.63	0.0	0.0
		0.0	-2.72	-8.57e-04	0.0	45.0	-179.48	6.21	-0.06	-15.63	-2.72	315.61
2832	1	518.68	0.0	-0.02	-2.08	0.0	-154.14	12.57	-0.27	-15.04	0.0	0.0
		0.0	-12.37	-1.14e-03	0.0	45.0	-154.14	10.49	-0.27	-15.04	-12.37	518.68
2832	2	421.82	0.0	-0.01	-1.60	0.0	-125.02	10.17	-0.22	-12.19	0.0	0.0
		0.0	-10.04	-9.21e-04	0.0	45.0	-125.02	8.57	-0.22	-12.19	-10.04	421.82
2832	3	388.83	0.0	-0.01	-1.60	0.0	-115.77	9.44	-0.21	-11.28	0.0	0.0
		0.0	-9.26	-8.71e-04	0.0	45.0	-115.77	7.84	-0.21	-11.28	-9.26	388.83
2832	4	322.81	0.0	-9.58e-03	-1.60	0.0	-97.09	7.97	-0.17	-9.51	0.0	0.0
		0.0	-7.74	-7.64e-04	0.0	45.0	-97.09	6.37	-0.17	-9.51	-7.74	322.81
2832	5	322.81	0.0	-9.58e-03	-1.60	0.0	-97.09	7.97	-0.17	-9.51	0.0	0.0
		0.0	-7.74	-7.64e-04	0.0	45.0	-97.09	6.37	-0.17	-9.51	-7.74	322.81
2833	1	537.89	0.0	-0.02	-2.08	0.0	-157.51	12.99	-0.28	-4.14	0.0	0.0
		0.0	-12.82	-1.18e-03	0.0	45.0	-157.51	10.91	-0.28	-4.14	-12.82	537.89
2833	2	437.50	0.0	-0.01	-1.60	0.0	-127.94	10.52	-0.23	-3.39	0.0	0.0
		0.0	-10.40	-9.44e-04	0.0	45.0	-127.94	8.92	-0.23	-3.39	-10.40	437.50
2833	3	403.18	0.0	-0.01	-1.60	0.0	-118.10	9.76	-0.21	-3.10	0.0	0.0
		0.0	-9.61	-8.85e-04	0.0	45.0	-118.10	8.16	-0.21	-3.10	-9.61	403.18
2833	4	334.59	0.0	-0.01	-1.60	0.0	-98.30	8.24	-0.18	-2.53	0.0	0.0
		0.0	-8.10	-7.64e-04	0.0	45.0	-98.30	6.64	-0.18	-2.53	-8.10	334.59
2833	5	334.59	0.0	-0.01	-1.60	0.0	-98.30	8.24	-0.18	-2.53	0.0	0.0
		0.0	-8.10	-7.64e-04	0.0	45.0	-98.30	6.64	-0.18	-2.53	-8.10	334.59
2834	1	525.38	0.0	-0.02	-2.08	0.0	-179.66	12.72	-0.08	-15.96	0.0	0.0
		0.0	-3.51	-1.57e-03	0.0	45.0	-179.66	10.63	-0.08	-15.96	-3.51	525.38
2834	2	427.34	0.0	-0.01	-1.60	0.0	-146.17	10.30	-0.06	-12.94	0.0	0.0
		0.0	-2.88	-1.26e-03	0.0	45.0	-146.17	8.70	-0.06	-12.94	-2.88	427.34
2834	3	393.82	0.0	-0.01	-1.60	0.0	-134.55	9.55	-0.06	-11.97	0.0	0.0
		0.0	-2.63	-1.18e-03	0.0	45.0	-134.55	7.95	-0.06	-11.97	-2.63	393.82
2834	4	326.81	0.0	-9.88e-03	-1.60	0.0	-111.41	8.06	-0.05	-10.06	0.0	0.0
		0.0	-2.12	-1.01e-03	0.0	45.0	-111.41	6.46	-0.05	-10.06	-2.12	326.81
2834	5	326.81	0.0	-9.88e-03	-1.60	0.0	-111.41	8.06	-0.05	-10.06	0.0	0.0
		0.0	-2.12	-1.01e-03	0.0	45.0	-111.41	6.46	-0.05	-10.06	-2.12	326.81
2835	1	504.78	0.0	-0.01	-2.08	0.0	-116.62	12.26	-0.05	-28.23	0.0	0.0
		0.0	-2.15	-1.34e-03	0.0	45.0	-116.62	10.18	-0.05	-28.23	-2.15	504.78
2835	2	410.54	0.0	-0.01	-1.60	0.0	-94.91	9.92	-0.04	-22.86	0.0	0.0
		0.0	-1.78	-1.08e-03	0.0	45.0	-94.91	8.32	-0.04	-22.86	-1.78	410.54
2835	3	378.43	0.0	-0.01	-1.60	0.0	-87.41	9.21	-0.04	-21.19	0.0	0.0
		0.0	-1.60	-1.00e-03	0.0	45.0	-87.41	7.61	-0.04	-21.19	-1.60	378.43
2835	4	314.22	0.0	-9.35e-03	-1.60	0.0	-72.48	7.78	-0.03	-17.86	0.0	0.0
		0.0	-1.24	-8.64e-04	0.0	45.0	-72.48	6.18	-0.03	-17.86	-1.24	314.22

2835	5	314.22	0.0	-9.35e-03	-1.60	0.0	-72.48	7.78	-0.03	-17.86	0.0	0.0
		0.0	-1.24	-8.64e-04	0.0	45.0	-72.48	6.18	-0.03	-17.86	-1.24	314.22
2836	1	533.22	0.0	-0.02	-2.08	0.0	-107.23	12.89	-0.21	-17.53	0.0	0.0
		0.0	-9.52	-1.33e-03	0.0	45.0	-107.23	10.81	-0.21	-17.53	-9.52	533.22
2836	2	433.60	0.0	-0.01	-1.60	0.0	-86.99	10.44	-0.17	-14.20	0.0	0.0
		0.0	-7.74	-1.07e-03	0.0	45.0	-86.99	8.84	-0.17	-14.20	-7.74	433.60
2836	3	399.75	0.0	-0.01	-1.60	0.0	-80.57	9.68	-0.16	-13.16	0.0	0.0
		0.0	-7.12	-1.01e-03	0.0	45.0	-80.57	8.08	-0.16	-13.16	-7.12	399.75
2836	4	332.06	0.0	-0.01	-1.60	0.0	-67.72	8.18	-0.13	-11.07	0.0	0.0
		0.0	-5.90	-8.79e-04	0.0	45.0	-67.72	6.58	-0.13	-11.07	-5.90	332.06
2836	5	332.06	0.0	-0.01	-1.60	0.0	-67.72	8.18	-0.13	-11.07	0.0	0.0
		0.0	-5.90	-8.79e-04	0.0	45.0	-67.72	6.58	-0.13	-11.07	-5.90	332.06
2837	1	568.10	0.0	-0.02	-2.08	0.0	-251.17	13.66	-0.22	-8.23	0.0	0.0
		0.0	-10.01	-2.28e-04	0.0	45.0	-251.17	11.58	-0.22	-8.23	-10.01	568.10
2837	2	461.99	0.0	-0.02	-1.60	0.0	-203.83	11.07	-0.18	-6.67	0.0	0.0
		0.0	-8.13	-1.83e-04	0.0	45.0	-203.83	9.47	-0.18	-6.67	-8.13	461.99
2837	3	425.89	0.0	-0.01	-1.60	0.0	-188.52	10.26	-0.17	-6.18	0.0	0.0
		0.0	-7.49	-1.73e-04	0.0	45.0	-188.52	8.66	-0.17	-6.18	-7.49	425.89
2837	4	353.69	0.0	-0.01	-1.60	0.0	-157.77	8.66	-0.14	-5.18	0.0	0.0
		0.0	-6.23	-1.56e-04	0.0	45.0	-157.77	7.06	-0.14	-5.18	-6.23	353.69
2837	5	353.69	0.0	-0.01	-1.60	0.0	-157.77	8.66	-0.14	-5.18	0.0	0.0
		0.0	-6.23	-1.56e-04	0.0	45.0	-157.77	7.06	-0.14	-5.18	-6.23	353.69
2838	1	552.14	0.0	-0.02	-2.08	0.0	-373.06	13.31	-0.20	-9.69	0.0	0.0
		0.0	-8.93	-3.17e-05	0.0	45.0	-373.06	11.23	-0.20	-9.69	-8.93	552.14
2838	2	449.10	0.0	-0.01	-1.60	0.0	-303.14	10.78	-0.16	-7.88	0.0	0.0
		0.0	-7.25	2.57e-05	0.0	45.0	-303.14	9.18	-0.16	-7.88	-7.25	449.10
2838	3	413.88	0.0	-0.01	-1.60	0.0	-279.77	10.00	-0.15	-7.27	0.0	0.0
		0.0	-6.70	-2.57e-05	0.0	45.0	-279.77	8.40	-0.15	-7.27	-6.70	413.88
2838	4	343.41	0.0	-9.93e-03	-1.60	0.0	-232.91	8.43	-0.12	-6.03	0.0	0.0
		0.0	-5.60	-3.15e-05	0.0	45.0	-232.91	6.83	-0.12	-6.03	-5.60	343.41
2838	5	343.41	0.0	-9.93e-03	-1.60	0.0	-232.91	8.43	-0.12	-6.03	0.0	0.0
		0.0	-5.60	-3.15e-05	0.0	45.0	-232.91	6.83	-0.12	-6.03	-5.60	343.41
2839	1	548.22	0.0	-0.01	-2.08	0.0	-384.27	13.22	-0.21	-9.51	0.0	0.0
		0.0	-9.34	-3.48e-04	0.0	45.0	-384.27	11.14	-0.21	-9.51	-9.34	548.22
2839	2	445.94	0.0	-0.01	-1.60	0.0	-312.62	10.71	-0.17	-7.75	0.0	0.0
		0.0	-7.59	-2.77e-04	0.0	45.0	-312.62	9.11	-0.17	-7.75	-7.59	445.94
2839	3	410.95	0.0	-9.70e-03	-1.60	0.0	-288.00	9.93	-0.16	-7.13	0.0	0.0
		0.0	-7.02	-2.67e-04	0.0	45.0	-288.00	8.33	-0.16	-7.13	-7.02	410.95
2839	4	340.93	0.0	-8.10e-03	-1.60	0.0	-238.64	8.38	-0.13	-5.88	0.0	0.0
		0.0	-5.87	-2.39e-04	0.0	45.0	-238.64	6.78	-0.13	-5.88	-5.87	340.93
2839	5	340.93	0.0	-8.10e-03	-1.60	0.0	-238.64	8.38	-0.13	-5.88	0.0	0.0
		0.0	-5.87	-2.39e-04	0.0	45.0	-238.64	6.78	-0.13	-5.88	-5.87	340.93
2840	1	536.10	0.0	-0.01	-2.08	0.0	-350.26	12.95	-0.15	-18.92	0.0	0.0
		0.0	-6.63	-9.74e-04	0.0	45.0	-350.26	10.87	-0.15	-18.92	-6.63	536.10
2840	2	436.00	0.0	-8.24e-03	-1.60	0.0	-284.98	10.49	-0.12	-15.36	0.0	0.0
		0.0	-5.39	-7.84e-04	0.0	45.0	-284.98	8.89	-0.12	-15.36	-5.39	436.00
2840	3	401.85	0.0	-7.63e-03	-1.60	0.0	-262.44	9.73	-0.11	-14.15	0.0	0.0
		0.0	-4.98	-7.31e-04	0.0	45.0	-262.44	8.13	-0.11	-14.15	-4.98	401.85
2840	4	333.65	0.0	-6.41e-03	-1.60	0.0	-217.44	8.21	-0.09	-11.82	0.0	0.0
		0.0	-4.16	-6.31e-04	0.0	45.0	-217.44	6.61	-0.09	-11.82	-4.16	333.65
2840	5	333.65	0.0	-6.41e-03	-1.60	0.0	-217.44	8.21	-0.09	-11.82	0.0	0.0
		0.0	-4.16	-6.31e-04	0.0	45.0	-217.44	6.61	-0.09	-11.82	-4.16	333.65
2841	1	561.52	0.0	-9.63e-03	-2.08	0.0	-363.14	13.52	-0.27	-10.67	0.0	0.0
		0.0	-12.32	-1.06e-03	0.0	45.0	-363.14	11.44	-0.27	-10.67	-12.32	561.52
2841	2	456.60	0.0	-7.80e-03	-1.60	0.0	-295.07	10.95	-0.22	-8.68	0.0	0.0
		0.0	-9.98	-8.55e-04	0.0	45.0	-295.07	9.35	-0.22	-8.68	-9.98	456.60
2841	3	420.98	0.0	-7.23e-03	-1.60	0.0	-272.22	10.16	-0.20	-8.00	0.0	0.0
		0.0	-9.19	-8.10e-04	0.0	45.0	-272.22	8.56	-0.20	-8.00	-9.19	420.98
2841	4	349.76	0.0	-6.10e-03	-1.60	0.0	-226.82	8.57	-0.17	-6.61	0.0	0.0
		0.0	-7.70	-7.03e-04	0.0	45.0	-226.82	6.97	-0.17	-6.61	-7.70	349.76
2841	5	349.76	0.0	-6.10e-03	-1.60	0.0	-226.82	8.57	-0.17	-6.61	0.0	0.0
		0.0	-7.70	-7.03e-04	0.0	45.0	-226.82	6.97	-0.17	-6.61	-7.70	349.76
2842	1	542.62	0.0	-6.31e-03	-2.08	0.0	-363.61	13.10	-0.26	3.40	0.0	0.0
		0.0	-11.62	-1.06e-03	0.0	45.0	-363.61	11.02	-0.26	3.40	-11.62	542.62
2842	2	441.29	0.0	-5.11e-03	-1.60	0.0	-295.27	10.61	-0.21	2.69	0.0	0.0
		0.0	-9.42	-8.51e-04	0.0	45.0	-295.27	9.01	-0.21	2.69	-9.42	441.29
2842	3	406.79	0.0	-4.74e-03	-1.60	0.0	-272.74	9.84	-0.19	2.57	0.0	0.0
		0.0	-8.72	-7.95e-04	0.0	45.0	-272.74	8.24	-0.19	2.57	-8.72	406.79
2842	4	337.75	0.0	-4.00e-03	-1.60	0.0	-227.78	8.31	-0.16	2.35	0.0	0.0
		0.0	-7.32	-6.92e-04	0.0	45.0	-227.78	6.71	-0.16	2.35	-7.32	337.75
2842	5	337.75	0.0	-4.00e-03	-1.60	0.0	-227.78	8.31	-0.16	2.35	0.0	0.0
		0.0	-7.32	-6.92e-04	0.0	45.0	-227.78	6.71	-0.16	2.35	-7.32	337.75
2843	1	568.95	3.45	-0.03	-2.08	0.0	-400.14	13.68	0.08	18.12	0.0	0.0
		0.0	0.0	-1.45e-03	0.0	45.0	-400.14	11.60	0.08	18.12	3.45	568.95
2843	2	462.55	2.83	-0.03	-1.60	0.0	-324.68	11.08	0.06	14.66	0.0	0.0
		0.0	0.0	-1.17e-03	0.0	45.0	-324.68	9.48	0.06	14.66	2.83	462.55
2843	3	426.57	2.58	-0.02	-1.60	0.0	-300.27	10.28	0.06	13.61	0.0	0.0

		0.0	0.0	-1.09e-03	0.0	45.0	-300.27	8.68	0.06	13.61	2.58	426.57
2843	4	354.60	2.08	-0.02	-1.60	0.0	-251.41	8.68	0.05	11.51	0.0	0.0
		0.0	0.0	-9.34e-04	0.0	45.0	-251.41	7.08	0.05	11.51	2.08	354.60
2843	5	354.60	2.08	-0.02	-1.60	0.0	-251.41	8.68	0.05	11.51	0.0	0.0
		0.0	0.0	-9.34e-04	0.0	45.0	-251.41	7.08	0.05	11.51	2.08	354.60
2844	1	561.61	10.64	-0.03	-2.08	0.0	-485.41	13.52	0.24	10.33	0.0	0.0
		0.0	0.0	-1.77e-03	0.0	45.0	-485.41	11.44	0.24	10.33	10.64	561.61
2844	2	456.60	8.65	-0.02	-1.60	0.0	-393.52	10.95	0.19	8.39	0.0	0.0
		0.0	0.0	-1.43e-03	0.0	45.0	-393.52	9.35	0.19	8.39	8.65	456.60
2844	3	421.07	7.99	-0.02	-1.60	0.0	-364.42	10.16	0.18	7.75	0.0	0.0
		0.0	0.0	-1.33e-03	0.0	45.0	-364.42	8.56	0.18	7.75	7.99	421.07
2844	4	349.99	6.66	-0.02	-1.60	0.0	-306.04	8.58	0.15	6.52	0.0	0.0
		0.0	0.0	-1.13e-03	0.0	45.0	-306.04	6.98	0.15	6.52	6.66	349.99
2844	5	349.99	6.66	-0.02	-1.60	0.0	-306.04	8.58	0.15	6.52	0.0	0.0
		0.0	0.0	-1.13e-03	0.0	45.0	-306.04	6.98	0.15	6.52	6.66	349.99
2845	1	565.67	12.13	-0.02	-2.08	0.0	-499.80	13.61	0.27	1.59	0.0	0.0
		0.0	0.0	-1.82e-03	0.0	45.0	-499.80	11.53	0.27	1.59	12.13	565.67
2845	2	460.05	9.86	-0.02	-1.60	0.0	-405.47	11.02	0.22	1.32	0.0	0.0
		0.0	0.0	-1.47e-03	0.0	45.0	-405.47	9.42	0.22	1.32	9.86	460.05
2845	3	424.09	9.09	-0.02	-1.60	0.0	-375.26	10.22	0.20	1.18	0.0	0.0
		0.0	0.0	-1.37e-03	0.0	45.0	-375.26	8.62	0.20	1.18	9.09	424.09
2845	4	352.14	7.61	-0.01	-1.60	0.0	-314.73	8.63	0.17	0.91	0.0	0.0
		0.0	0.0	-1.17e-03	0.0	45.0	-314.73	7.03	0.17	0.91	7.61	352.14
2845	5	352.14	7.61	-0.01	-1.60	0.0	-314.73	8.63	0.17	0.91	0.0	0.0
		0.0	0.0	-1.17e-03	0.0	45.0	-314.73	7.03	0.17	0.91	7.61	352.14
2846	1	540.69	5.09	-0.02	-2.08	0.0	-451.07	13.06	0.11	12.65	0.0	0.0
		0.0	0.0	-1.53e-03	0.0	45.0	-451.07	10.98	0.11	12.65	5.09	540.69
2846	2	439.75	4.15	-0.02	-1.60	0.0	-366.29	10.57	0.09	10.26	0.0	0.0
		0.0	0.0	-1.23e-03	0.0	45.0	-366.29	8.97	0.09	10.26	4.15	439.75
2846	3	405.33	3.80	-0.01	-1.60	0.0	-338.56	9.81	0.08	9.49	0.0	0.0
		0.0	0.0	-1.15e-03	0.0	45.0	-338.56	8.21	0.08	9.49	3.80	405.33
2846	4	336.50	3.12	-0.01	-1.60	0.0	-283.00	8.28	0.07	7.94	0.0	0.0
		0.0	0.0	-9.84e-04	0.0	45.0	-283.00	6.68	0.07	7.94	3.12	336.50
2846	5	336.50	3.12	-0.01	-1.60	0.0	-283.00	8.28	0.07	7.94	0.0	0.0
		0.0	0.0	-9.84e-04	0.0	45.0	-283.00	6.68	0.07	7.94	3.12	336.50
2847	1	508.27	4.23	-0.01	-2.08	0.0	-289.99	12.33	0.09	24.41	0.0	0.0
		0.0	0.0	-1.37e-03	0.0	45.0	-289.99	10.25	0.09	24.41	4.23	508.27
2847	2	413.33	3.45	-0.01	-1.60	0.0	-235.43	9.99	0.08	19.79	0.0	0.0
		0.0	0.0	-1.11e-03	0.0	45.0	-235.43	8.39	0.08	19.79	3.45	413.33
2847	3	380.98	3.15	-0.01	-1.60	0.0	-217.57	9.27	0.07	18.35	0.0	0.0
		0.0	0.0	-1.03e-03	0.0	45.0	-217.57	7.67	0.07	18.35	3.15	380.98
2847	4	316.34	2.56	-9.14e-03	-1.60	0.0	-181.93	7.83	0.06	15.44	0.0	0.0
		0.0	0.0	-8.83e-04	0.0	45.0	-181.93	6.23	0.06	15.44	2.56	316.34
2847	5	316.34	2.56	-9.14e-03	-1.60	0.0	-181.93	7.83	0.06	15.44	0.0	0.0
		0.0	0.0	-8.83e-04	0.0	45.0	-181.93	6.23	0.06	15.44	2.56	316.34
2848	1	521.69	12.07	-0.02	-2.08	0.0	-165.37	12.63	0.27	13.75	0.0	0.0
		0.0	0.0	-1.82e-03	0.0	45.0	-165.37	10.55	0.27	13.75	12.07	521.69
2848	2	424.27	9.80	-0.01	-1.60	0.0	-134.04	10.23	0.22	11.17	0.0	0.0
		0.0	0.0	-1.47e-03	0.0	45.0	-134.04	8.63	0.22	11.17	9.80	424.27
2848	3	391.12	9.07	-0.01	-1.60	0.0	-124.14	9.49	0.20	10.32	0.0	0.0
		0.0	0.0	-1.38e-03	0.0	45.0	-124.14	7.89	0.20	10.32	9.07	391.12
2848	4	324.90	7.55	-9.62e-03	-1.60	0.0	-104.39	8.02	0.17	8.58	0.0	0.0
		0.0	0.0	-1.18e-03	0.0	45.0	-104.39	6.42	0.17	8.58	7.55	324.90
2848	5	324.90	7.55	-9.62e-03	-1.60	0.0	-104.39	8.02	0.17	8.58	0.0	0.0
		0.0	0.0	-1.18e-03	0.0	45.0	-104.39	6.42	0.17	8.58	7.55	324.90
2849	1	539.77	13.14	-0.02	-2.08	0.0	-175.65	13.04	0.29	2.01	0.0	0.0
		0.0	0.0	-2.09e-03	0.0	45.0	-175.65	10.95	0.29	2.01	13.14	539.77
2849	2	439.05	10.67	-0.01	-1.60	0.0	-142.67	10.56	0.24	1.67	0.0	0.0
		0.0	0.0	-1.69e-03	0.0	45.0	-142.67	8.96	0.24	1.67	10.67	439.05
2849	3	404.59	9.86	-0.01	-1.60	0.0	-131.75	9.79	0.22	1.49	0.0	0.0
		0.0	0.0	-1.57e-03	0.0	45.0	-131.75	8.19	0.22	1.49	9.86	404.59
2849	4	335.74	8.16	-0.01	-1.60	0.0	-110.13	8.26	0.18	1.12	0.0	0.0
		0.0	0.0	-1.34e-03	0.0	45.0	-110.13	6.66	0.18	1.12	8.16	335.74
2849	5	335.74	8.16	-0.01	-1.60	0.0	-110.13	8.26	0.18	1.12	0.0	0.0
		0.0	0.0	-1.34e-03	0.0	45.0	-110.13	6.66	0.18	1.12	8.16	335.74
2850	1	526.22	6.82	-0.02	-2.08	0.0	-195.46	12.73	0.15	11.35	0.0	0.0
		0.0	0.0	-1.87e-03	0.0	45.0	-195.46	10.65	0.15	11.35	6.82	526.22
2850	2	428.01	5.54	-0.01	-1.60	0.0	-159.03	10.31	0.12	9.22	0.0	0.0
		0.0	0.0	-1.51e-03	0.0	45.0	-159.03	8.71	0.12	9.22	5.54	428.01
2850	3	394.47	5.11	-0.01	-1.60	0.0	-146.46	9.57	0.11	8.52	0.0	0.0
		0.0	0.0	-1.40e-03	0.0	45.0	-146.46	7.97	0.11	8.52	5.11	394.47
2850	4	327.34	4.22	-9.51e-03	-1.60	0.0	-121.45	8.07	0.09	7.09	0.0	0.0
		0.0	0.0	-1.20e-03	0.0	45.0	-121.45	6.47	0.09	7.09	4.22	327.34
2850	5	327.34	4.22	-9.51e-03	-1.60	0.0	-121.45	8.07	0.09	7.09	0.0	0.0
		0.0	0.0	-1.20e-03	0.0	45.0	-121.45	6.47	0.09	7.09	4.22	327.34
2851	1	504.95	6.45	-0.01	-2.08	0.0	-126.13	12.26	0.14	21.58	0.0	0.0
		0.0	0.0	-1.42e-03	0.0	45.0	-126.13	10.18	0.14	21.58	6.45	504.95

2851	2	410.66	5.26	-0.01	-1.60	0.0	-102.58	9.93	0.12	17.50	0.0	0.0
		0.0	0.0	-1.15e-03	0.0	45.0	-102.58	8.33	0.12	17.50	5.26	410.66
2851	3	378.57	4.83	-0.01	-1.60	0.0	-94.61	9.21	0.11	16.25	0.0	0.0
		0.0	0.0	-1.07e-03	0.0	45.0	-94.61	7.61	0.11	16.25	4.83	378.57
2851	4	314.23	3.99	-8.84e-03	-1.60	0.0	-78.25	7.78	0.09	13.65	0.0	0.0
		0.0	0.0	-9.10e-04	0.0	45.0	-78.25	6.18	0.09	13.65	3.99	314.23
2851	5	314.23	3.99	-8.84e-03	-1.60	0.0	-78.25	7.78	0.09	13.65	0.0	0.0
		0.0	0.0	-9.10e-04	0.0	45.0	-78.25	6.18	0.09	13.65	3.99	314.23
2852	1	527.89	14.35	-0.02	-2.08	0.0	-97.89	12.77	0.32	11.33	0.0	0.0
		0.0	0.0	-1.94e-03	0.0	45.0	-97.89	10.69	0.32	11.33	14.35	527.89
2852	2	429.29	11.65	-0.01	-1.60	0.0	-79.42	10.34	0.26	9.21	0.0	0.0
		0.0	0.0	-1.57e-03	0.0	45.0	-79.42	8.74	0.26	9.21	11.65	429.29
2852	3	395.73	10.82	-0.01	-1.60	0.0	-73.60	9.59	0.24	8.52	0.0	0.0
		0.0	0.0	-1.47e-03	0.0	45.0	-73.60	7.99	0.24	8.52	10.82	395.73
2852	4	328.65	9.07	-0.01	-1.60	0.0	-61.30	8.10	0.20	7.10	0.0	0.0
		0.0	0.0	-1.26e-03	0.0	45.0	-61.30	6.50	0.20	7.10	9.07	328.65
2852	5	328.65	9.07	-0.01	-1.60	0.0	-61.30	8.10	0.20	7.10	0.0	0.0
		0.0	0.0	-1.26e-03	0.0	45.0	-61.30	6.50	0.20	7.10	9.07	328.65
2853	1	555.88	15.25	-0.02	-2.08	0.0	-204.12	13.39	0.34	-2.35	0.0	0.0
		0.0	0.0	-1.11e-03	0.0	45.0	-204.12	11.31	0.34	-2.35	15.25	555.88
2853	2	452.14	12.38	-0.01	-1.60	0.0	-165.87	10.85	0.28	-1.85	0.0	0.0
		0.0	0.0	-9.03e-04	0.0	45.0	-165.87	9.25	0.28	-1.85	12.38	452.14
2853	3	416.68	11.48	-0.01	-1.60	0.0	-153.09	10.06	0.26	-1.79	0.0	0.0
		0.0	0.0	-8.40e-04	0.0	45.0	-153.09	8.46	0.26	-1.79	11.48	416.68
2853	4	345.80	9.62	-0.01	-1.60	0.0	-127.32	8.48	0.21	-1.67	0.0	0.0
		0.0	0.0	-7.15e-04	0.0	45.0	-127.32	6.88	0.21	-1.67	9.62	345.80
2853	5	345.80	9.62	-0.01	-1.60	0.0	-127.32	8.48	0.21	-1.67	0.0	0.0
		0.0	0.0	-7.15e-04	0.0	45.0	-127.32	6.88	0.21	-1.67	9.62	345.80
2854	1	546.73	2.88	-0.02	-2.08	0.0	-306.43	13.19	0.06	13.48	0.0	0.0
		0.0	0.0	-5.45e-04	0.0	45.0	-306.43	11.11	0.06	13.48	2.88	546.73
2854	2	444.78	2.38	-0.01	-1.60	0.0	-249.52	10.68	0.05	10.93	0.0	0.0
		0.0	0.0	-4.41e-04	0.0	45.0	-249.52	9.08	0.05	10.93	2.38	444.78
2854	3	409.82	2.14	-0.01	-1.60	0.0	-229.63	9.91	0.05	10.11	0.0	0.0
		0.0	0.0	-4.11e-04	0.0	45.0	-229.63	8.31	0.05	10.11	2.14	409.82
2854	4	339.86	1.67	-9.98e-03	-1.60	0.0	-189.72	8.35	0.04	8.46	0.0	0.0
		0.0	0.0	-3.52e-04	0.0	45.0	-189.72	6.75	0.04	8.46	1.67	339.86
2854	5	339.86	1.67	-9.98e-03	-1.60	0.0	-189.72	8.35	0.04	8.46	0.0	0.0
		0.0	0.0	-3.52e-04	0.0	45.0	-189.72	6.75	0.04	8.46	1.67	339.86
2855	1	547.35	1.25	-0.01	-2.08	0.0	-335.98	13.20	0.03	23.40	0.0	0.0
		0.0	0.0	-4.89e-04	0.0	45.0	-335.98	11.12	0.03	23.40	1.25	547.35
2855	2	445.25	1.05	-0.01	-1.60	0.0	-273.84	10.69	0.02	18.95	0.0	0.0
		0.0	0.0	-3.92e-04	0.0	45.0	-273.84	9.09	0.02	18.95	1.05	445.25
2855	3	410.29	0.91	-0.01	-1.60	0.0	-251.69	9.92	0.02	17.57	0.0	0.0
		0.0	0.0	-3.71e-04	0.0	45.0	-251.69	8.32	0.02	17.57	0.91	410.29
2855	4	340.34	0.63	-8.71e-03	-1.60	0.0	-207.14	8.36	0.01	14.81	0.0	0.0
		0.0	0.0	-3.23e-04	0.0	45.0	-207.14	6.76	0.01	14.81	0.63	340.34
2855	5	340.34	0.63	-8.71e-03	-1.60	0.0	-207.14	8.36	0.01	14.81	0.0	0.0
		0.0	0.0	-3.23e-04	0.0	45.0	-207.14	6.76	0.01	14.81	0.63	340.34
2856	1	537.47	1.38	-0.01	-2.08	0.0	-328.86	12.98	0.03	34.02	0.0	0.0
		0.0	0.0	-8.78e-04	0.0	45.0	-328.86	10.90	0.03	34.02	1.38	537.47
2856	2	437.11	1.16	-9.26e-03	-1.60	0.0	-267.83	10.51	0.03	27.54	0.0	0.0
		0.0	0.0	-7.08e-04	0.0	45.0	-267.83	8.91	0.03	27.54	1.16	437.11
2856	3	402.90	1.00	-8.59e-03	-1.60	0.0	-246.37	9.75	0.02	25.59	0.0	0.0
		0.0	0.0	-6.60e-04	0.0	45.0	-246.37	8.15	0.02	25.59	1.00	402.90
2856	4	334.45	0.70	-7.24e-03	-1.60	0.0	-203.16	8.23	0.02	21.66	0.0	0.0
		0.0	0.0	-5.64e-04	0.0	45.0	-203.16	6.63	0.02	21.66	0.70	334.45
2856	5	334.45	0.70	-7.24e-03	-1.60	0.0	-203.16	8.23	0.02	21.66	0.0	0.0
		0.0	0.0	-5.64e-04	0.0	45.0	-203.16	6.63	0.02	21.66	0.70	334.45
2857	1	564.44	8.75	-0.01	-2.08	0.0	-364.58	13.58	0.19	20.53	0.0	0.0
		0.0	0.0	-1.30e-03	0.0	45.0	-364.58	11.50	0.19	20.53	8.75	564.44
2857	2	458.95	7.13	-8.88e-03	-1.60	0.0	-296.24	11.00	0.16	16.63	0.0	0.0
		0.0	0.0	-1.05e-03	0.0	45.0	-296.24	9.40	0.16	16.63	7.13	458.95
2857	3	423.16	6.60	-8.24e-03	-1.60	0.0	-273.35	10.20	0.15	15.41	0.0	0.0
		0.0	0.0	-9.85e-04	0.0	45.0	-273.35	8.60	0.15	15.41	6.60	423.16
2857	4	351.63	5.48	-6.97e-03	-1.60	0.0	-227.75	8.61	0.12	13.00	0.0	0.0
		0.0	0.0	-8.50e-04	0.0	45.0	-227.75	7.01	0.12	13.00	5.48	351.63
2857	5	351.63	5.48	-6.97e-03	-1.60	0.0	-227.75	8.61	0.12	13.00	0.0	0.0
		0.0	0.0	-8.50e-04	0.0	45.0	-227.75	7.01	0.12	13.00	5.48	351.63
2858	1	541.24	6.63	-7.17e-03	-2.08	0.0	-368.76	13.07	0.15	13.13	0.0	0.0
		0.0	0.0	-1.60e-03	0.0	45.0	-368.76	10.99	0.15	13.13	6.63	541.24
2858	2	440.17	5.40	-5.80e-03	-1.60	0.0	-299.44	10.58	0.12	10.63	0.0	0.0
		0.0	0.0	-1.29e-03	0.0	45.0	-299.44	8.98	0.12	10.63	5.40	440.17
2858	3	405.75	4.96	-5.39e-03	-1.60	0.0	-276.60	9.82	0.11	9.86	0.0	0.0
		0.0	0.0	-1.20e-03	0.0	45.0	-276.60	8.22	0.11	9.86	4.96	405.75
2858	4	336.88	4.09	-4.56e-03	-1.60	0.0	-231.00	8.29	0.09	8.30	0.0	0.0
		0.0	0.0	-1.03e-03	0.0	45.0	-231.00	6.69	0.09	8.30	4.09	336.88
2858	5	336.88	4.09	-4.56e-03	-1.60	0.0	-231.00	8.29	0.09	8.30	0.0	0.0



		0.0	0.0	-1.03e-03	0.0	45.0	-231.00	6.69	0.09	8.30	4.09	336.88
2859	1	69.92	0.0	-0.02	-5.09	0.0	-104.06	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-2.45e-03	0.0	110.0	-104.06	-2.54	0.0	0.0	0.0	0.0
2859	2	53.79	0.0	-0.02	-3.91	0.0	-83.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.98e-03	0.0	110.0	-83.78	-1.96	0.0	0.0	0.0	0.0
2859	3	53.79	0.0	-0.02	-3.91	0.0	-78.39	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.85e-03	0.0	110.0	-78.39	-1.96	0.0	0.0	0.0	0.0
2859	4	53.79	0.0	-0.02	-3.91	0.0	-67.54	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.58e-03	0.0	110.0	-67.54	-1.96	0.0	0.0	0.0	0.0
2859	5	53.79	0.0	-0.02	-3.91	0.0	-67.54	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.58e-03	0.0	110.0	-67.54	-1.96	0.0	0.0	0.0	0.0
2866	1	46.81	0.0	-4.67e-03	-4.16	0.0	5.00	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-4.96e-03	0.0	90.0	5.00	-2.08	0.0	0.0	0.0	0.0
2866	2	36.01	0.0	-3.83e-03	-3.20	0.0	4.05	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.01e-03	0.0	90.0	4.05	-1.60	0.0	0.0	0.0	0.0
2866	3	36.01	0.0	-3.49e-03	-3.20	0.0	3.75	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.71e-03	0.0	90.0	3.75	-1.60	0.0	0.0	0.0	0.0
2866	4	36.01	0.0	-2.88e-03	-3.20	0.0	3.16	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.15e-03	0.0	90.0	3.16	-1.60	0.0	0.0	0.0	0.0
2866	5	36.01	0.0	-2.88e-03	-3.20	0.0	3.16	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.15e-03	0.0	90.0	3.16	-1.60	0.0	0.0	0.0	0.0
2872	1	69.92	0.0	-0.01	-5.09	0.0	0.08	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	0.08	-2.54	0.0	0.0	0.0	0.0
2872	2	53.79	0.0	-0.01	-3.91	0.0	0.07	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	0.07	-1.96	0.0	0.0	0.0	0.0
2872	3	53.79	0.0	-0.01	-3.91	0.0	0.06	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	0.06	-1.96	0.0	0.0	0.0	0.0
2872	4	53.79	0.0	-9.65e-03	-3.91	0.0	0.05	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-9.12e-03	0.0	110.0	0.05	-1.96	0.0	0.0	0.0	0.0
2872	5	53.79	0.0	-9.65e-03	-3.91	0.0	0.05	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-9.12e-03	0.0	110.0	0.05	-1.96	0.0	0.0	0.0	0.0
2873	1	69.92	0.0	0.02	-5.09	0.0	0.09	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.16	0.0	110.0	0.09	-2.54	0.0	0.0	0.0	0.0
2873	2	53.79	0.0	0.01	-3.91	0.0	0.07	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.13	0.0	110.0	0.07	-1.96	0.0	0.0	0.0	0.0
2873	3	53.79	0.0	0.01	-3.91	0.0	0.07	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.12	0.0	110.0	0.07	-1.96	0.0	0.0	0.0	0.0
2873	4	53.79	0.0	9.73e-03	-3.91	0.0	0.06	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.11	0.0	110.0	0.06	-1.96	0.0	0.0	0.0	0.0
2873	5	53.79	0.0	9.73e-03	-3.91	0.0	0.06	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.11	0.0	110.0	0.06	-1.96	0.0	0.0	0.0	0.0
2876	1	69.92	0.0	-4.93e-03	-5.09	0.0	8.28e-03	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-0.03	0.0	110.0	8.28e-03	-2.54	0.0	0.0	0.0	0.0
2876	2	53.79	0.0	-3.84e-03	-3.91	0.0	6.70e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	6.70e-03	-1.96	0.0	0.0	0.0	0.0
2876	3	53.79	0.0	-3.77e-03	-3.91	0.0	6.23e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	6.23e-03	-1.96	0.0	0.0	0.0	0.0
2876	4	53.79	0.0	-3.62e-03	-3.91	0.0	5.28e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	5.28e-03	-1.96	0.0	0.0	0.0	0.0
2876	5	53.79	0.0	-3.62e-03	-3.91	0.0	5.28e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	5.28e-03	-1.96	0.0	0.0	0.0	0.0
2877	1	69.92	0.0	-0.07	-5.09	0.0	-353.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-3.19e-03	0.0	110.0	-353.85	-2.54	0.0	0.0	0.0	0.0
2877	2	53.79	0.0	-0.05	-3.91	0.0	-285.60	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.57e-03	0.0	110.0	-285.60	-1.96	0.0	0.0	0.0	0.0
2877	3	53.79	0.0	-0.05	-3.91	0.0	-266.27	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.40e-03	0.0	110.0	-266.27	-1.96	0.0	0.0	0.0	0.0
2877	4	53.79	0.0	-0.04	-3.91	0.0	-227.74	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.07e-03	0.0	110.0	-227.74	-1.96	0.0	0.0	0.0	0.0
2877	5	53.79	0.0	-0.04	-3.91	0.0	-227.74	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.07e-03	0.0	110.0	-227.74	-1.96	0.0	0.0	0.0	0.0
2878	1	69.92	0.0	0.07	-5.09	0.0	-358.12	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-2.28e-03	0.0	110.0	-358.12	-2.54	0.0	0.0	0.0	0.0
2878	2	53.79	0.0	0.05	-3.91	0.0	-288.84	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.85e-03	0.0	110.0	-288.84	-1.96	0.0	0.0	0.0	0.0
2878	3	53.79	0.0	0.05	-3.91	0.0	-269.44	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.73e-03	0.0	110.0	-269.44	-1.96	0.0	0.0	0.0	0.0
2878	4	53.79	0.0	0.04	-3.91	0.0	-230.53	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.48e-03	0.0	110.0	-230.53	-1.96	0.0	0.0	0.0	0.0
2878	5	53.79	0.0	0.04	-3.91	0.0	-230.53	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.48e-03	0.0	110.0	-230.53	-1.96	0.0	0.0	0.0	0.0
2879	1	69.92	0.0	2.51e-03	-5.09	0.0	8.94e-03	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.09	0.0	110.0	8.94e-03	-2.54	0.0	0.0	0.0	0.0
2879	2	53.79	0.0	2.02e-03	-3.91	0.0	7.22e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.07	0.0	110.0	7.22e-03	-1.96	0.0	0.0	0.0	0.0
2879	3	53.79	0.0	-1.89e-03	-3.91	0.0	6.73e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.06	0.0	110.0	6.73e-03	-1.96	0.0	0.0	0.0	0.0

2879	4	53.79	0.0	-2.01e-03	-3.91	0.0	5.74e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.06	0.0	110.0	5.74e-03	-1.96	0.0	0.0	0.0	0.0
2879	5	53.79	0.0	-2.01e-03	-3.91	0.0	5.74e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.06	0.0	110.0	5.74e-03	-1.96	0.0	0.0	0.0	0.0
2882	1	69.92	0.0	-5.06e-03	-5.09	0.0	0.01	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	0.01	-2.54	0.0	0.0	0.0	0.0
2882	2	53.79	0.0	-3.95e-03	-3.91	0.0	8.75e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	8.75e-03	-1.96	0.0	0.0	0.0	0.0
2882	3	53.79	0.0	-3.87e-03	-3.91	0.0	8.17e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	8.17e-03	-1.96	0.0	0.0	0.0	0.0
2882	4	53.79	0.0	-3.70e-03	-3.91	0.0	7.02e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	7.02e-03	-1.96	0.0	0.0	0.0	0.0
2882	5	53.79	0.0	-3.70e-03	-3.91	0.0	7.02e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	7.02e-03	-1.96	0.0	0.0	0.0	0.0
2893	1	69.92	0.0	2.72e-03	-5.09	0.0	8.61e-03	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.08	0.0	110.0	8.61e-03	-2.54	0.0	0.0	0.0	0.0
2893	2	53.79	0.0	2.19e-03	-3.91	0.0	6.96e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.07	0.0	110.0	6.96e-03	-1.96	0.0	0.0	0.0	0.0
2893	3	53.79	0.0	2.05e-03	-3.91	0.0	6.48e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.06	0.0	110.0	6.48e-03	-1.96	0.0	0.0	0.0	0.0
2893	4	53.79	0.0	-1.95e-03	-3.91	0.0	5.50e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.05	0.0	110.0	5.50e-03	-1.96	0.0	0.0	0.0	0.0
2893	5	53.79	0.0	-1.95e-03	-3.91	0.0	5.50e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.05	0.0	110.0	5.50e-03	-1.96	0.0	0.0	0.0	0.0
2894	1	69.92	0.0	-9.74e-03	-5.09	0.0	-0.03	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-0.06	0.0	110.0	-0.03	-2.54	0.0	0.0	0.0	0.0
2894	2	53.79	0.0	-7.77e-03	-3.91	0.0	-0.02	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.05	0.0	110.0	-0.02	-1.96	0.0	0.0	0.0	0.0
2894	3	53.79	0.0	-7.37e-03	-3.91	0.0	-0.02	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.04	0.0	110.0	-0.02	-1.96	0.0	0.0	0.0	0.0
2894	4	53.79	0.0	-6.58e-03	-3.91	0.0	-0.02	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.04	0.0	110.0	-0.02	-1.96	0.0	0.0	0.0	0.0
2894	5	53.79	0.0	-6.58e-03	-3.91	0.0	-0.02	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.04	0.0	110.0	-0.02	-1.96	0.0	0.0	0.0	0.0
2895	1	46.81	0.0	1.23e-03	-4.16	0.0	-0.96	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-0.96	-2.08	0.0	0.0	0.0	0.0
2895	2	36.01	0.0	9.70e-04	-3.20	0.0	-0.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-0.77	-1.60	0.0	0.0	0.0	0.0
2895	3	36.01	0.0	9.35e-04	-3.20	0.0	-0.72	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-0.72	-1.60	0.0	0.0	0.0	0.0
2895	4	36.01	0.0	8.62e-04	-3.20	0.0	-0.62	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	9.40e-03	0.0	90.0	-0.62	-1.60	0.0	0.0	0.0	0.0
2895	5	36.01	0.0	8.62e-04	-3.20	0.0	-0.62	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	9.40e-03	0.0	90.0	-0.62	-1.60	0.0	0.0	0.0	0.0
2896	1	46.81	0.0	-1.97e-03	-4.16	0.0	-1.18	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-9.79e-04	0.0	90.0	-1.18	-2.08	0.0	0.0	0.0	0.0
2896	2	36.01	0.0	-1.53e-03	-3.20	0.0	-0.95	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.85e-04	0.0	90.0	-0.95	-1.60	0.0	0.0	0.0	0.0
2896	3	36.01	0.0	-1.51e-03	-3.20	0.0	-0.89	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.39e-04	0.0	90.0	-0.89	-1.60	0.0	0.0	0.0	0.0
2896	4	36.01	0.0	-1.47e-03	-3.20	0.0	-0.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.45e-04	0.0	90.0	-0.77	-1.60	0.0	0.0	0.0	0.0
2896	5	36.01	0.0	-1.47e-03	-3.20	0.0	-0.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.45e-04	0.0	90.0	-0.77	-1.60	0.0	0.0	0.0	0.0
2897	1	46.81	0.0	-3.39e-03	-4.16	0.0	-1.43	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	-1.43	-2.08	0.0	0.0	0.0	0.0
2897	2	36.01	0.0	-2.67e-03	-3.20	0.0	-1.15	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.22e-03	0.0	90.0	-1.15	-1.60	0.0	0.0	0.0	0.0
2897	3	36.01	0.0	-2.58e-03	-3.20	0.0	-1.08	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.67e-03	0.0	90.0	-1.08	-1.60	0.0	0.0	0.0	0.0
2897	4	36.01	0.0	-2.39e-03	-3.20	0.0	-0.93	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.58e-03	0.0	90.0	-0.93	-1.60	0.0	0.0	0.0	0.0
2897	5	36.01	0.0	-2.39e-03	-3.20	0.0	-0.93	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.58e-03	0.0	90.0	-0.93	-1.60	0.0	0.0	0.0	0.0
2900	1	69.92	0.0	-4.94e-03	-5.09	0.0	8.49e-03	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-0.03	0.0	110.0	8.49e-03	-2.54	0.0	0.0	0.0	0.0
2900	2	53.79	0.0	-3.86e-03	-3.91	0.0	6.86e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	6.86e-03	-1.96	0.0	0.0	0.0	0.0
2900	3	53.79	0.0	-3.78e-03	-3.91	0.0	6.39e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	6.39e-03	-1.96	0.0	0.0	0.0	0.0
2900	4	53.79	0.0	-3.63e-03	-3.91	0.0	5.44e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	5.44e-03	-1.96	0.0	0.0	0.0	0.0
2900	5	53.79	0.0	-3.63e-03	-3.91	0.0	5.44e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	5.44e-03	-1.96	0.0	0.0	0.0	0.0
2902	1	46.81	0.0	-1.63e-03	-4.16	0.0	16.05	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	16.05	-2.08	0.0	0.0	0.0	0.0
2902	2	36.01	0.0	-1.26e-03	-3.20	0.0	12.89	1.60	0.0	0.0	0.0	0.0

		0.0	0.0	-0.02	0.0	90.0	12.89	-1.60	0.0	0.0	0.0	0.0
2902	3	36.01	0.0	-1.26e-03	-3.20	0.0	12.10	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	12.10	-1.60	0.0	0.0	0.0	0.0
2902	4	36.01	0.0	-1.26e-03	-3.20	0.0	10.56	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	10.56	-1.60	0.0	0.0	0.0	0.0
2902	5	36.01	0.0	-1.26e-03	-3.20	0.0	10.56	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	10.56	-1.60	0.0	0.0	0.0	0.0
2903	1	46.81	0.0	-1.84e-03	-4.16	0.0	1.66	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	90.0	1.66	-2.08	0.0	0.0	0.0	0.0
2903	2	36.01	0.0	-1.42e-03	-3.20	0.0	1.34	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	90.0	1.34	-1.60	0.0	0.0	0.0	0.0
2903	3	36.01	0.0	-1.41e-03	-3.20	0.0	1.25	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	1.25	-1.60	0.0	0.0	0.0	0.0
2903	4	36.01	0.0	-1.39e-03	-3.20	0.0	1.07	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	1.07	-1.60	0.0	0.0	0.0	0.0
2903	5	36.01	0.0	-1.39e-03	-3.20	0.0	1.07	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	1.07	-1.60	0.0	0.0	0.0	0.0
2904	1	46.81	0.0	-3.05e-03	-4.16	0.0	-47.44	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	8.96e-03	0.0	90.0	-47.44	-2.08	0.0	0.0	0.0	0.0
2904	2	36.01	0.0	-2.41e-03	-3.20	0.0	-38.18	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	7.21e-03	0.0	90.0	-38.18	-1.60	0.0	0.0	0.0	0.0
2904	3	36.01	0.0	-2.32e-03	-3.20	0.0	-35.71	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	6.76e-03	0.0	90.0	-35.71	-1.60	0.0	0.0	0.0	0.0
2904	4	36.01	0.0	-2.15e-03	-3.20	0.0	-30.82	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	5.84e-03	0.0	90.0	-30.82	-1.60	0.0	0.0	0.0	0.0
2904	5	36.01	0.0	-2.15e-03	-3.20	0.0	-30.82	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	5.84e-03	0.0	90.0	-30.82	-1.60	0.0	0.0	0.0	0.0
2905	1	46.81	0.0	-1.44e-03	-4.16	0.0	-45.86	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-0.03	0.0	90.0	-45.86	-2.08	0.0	0.0	0.0	0.0
2905	2	36.01	0.0	-1.11e-03	-3.20	0.0	-36.91	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-36.91	-1.60	0.0	0.0	0.0	0.0
2905	3	36.01	0.0	-1.11e-03	-3.20	0.0	-34.51	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-34.51	-1.60	0.0	0.0	0.0	0.0
2905	4	36.01	0.0	-1.11e-03	-3.20	0.0	-29.81	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-29.81	-1.60	0.0	0.0	0.0	0.0
2905	5	36.01	0.0	-1.11e-03	-3.20	0.0	-29.81	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-29.81	-1.60	0.0	0.0	0.0	0.0
2908	1	46.81	0.0	-1.65e-03	-4.16	0.0	-44.43	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.39e-04	0.0	90.0	-44.43	-2.08	0.0	0.0	0.0	0.0
2908	2	36.01	0.0	-1.27e-03	-3.20	0.0	-35.75	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.92e-04	0.0	90.0	-35.75	-1.60	0.0	0.0	0.0	0.0
2908	3	36.01	0.0	-1.27e-03	-3.20	0.0	-33.44	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.80e-04	0.0	90.0	-33.44	-1.60	0.0	0.0	0.0	0.0
2908	4	36.01	0.0	-1.26e-03	-3.20	0.0	-28.88	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.56e-04	0.0	90.0	-28.88	-1.60	0.0	0.0	0.0	0.0
2908	5	36.01	0.0	-1.26e-03	-3.20	0.0	-28.88	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.56e-04	0.0	90.0	-28.88	-1.60	0.0	0.0	0.0	0.0
2910	1	46.81	0.0	2.34e-03	-4.16	0.0	-12.59	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	6.01e-03	0.0	90.0	-12.59	-2.08	0.0	0.0	0.0	0.0
2910	2	36.01	0.0	1.91e-03	-3.20	0.0	-10.09	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	4.83e-03	0.0	90.0	-10.09	-1.60	0.0	0.0	0.0	0.0
2910	3	36.01	0.0	1.75e-03	-3.20	0.0	-9.54	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	4.53e-03	0.0	90.0	-9.54	-1.60	0.0	0.0	0.0	0.0
2910	4	36.01	0.0	1.42e-03	-3.20	0.0	-8.40	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	3.90e-03	0.0	90.0	-8.40	-1.60	0.0	0.0	0.0	0.0
2910	5	36.01	0.0	1.42e-03	-3.20	0.0	-8.40	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	3.90e-03	0.0	90.0	-8.40	-1.60	0.0	0.0	0.0	0.0
2921	1	69.92	0.0	-0.06	-5.09	0.0	-442.62	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-3.52e-03	0.0	110.0	-442.62	-2.54	0.0	0.0	0.0	0.0
2921	2	53.79	0.0	-0.05	-3.91	0.0	-356.81	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.84e-03	0.0	110.0	-356.81	-1.96	0.0	0.0	0.0	0.0
2921	3	53.79	0.0	-0.05	-3.91	0.0	-333.52	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.66e-03	0.0	110.0	-333.52	-1.96	0.0	0.0	0.0	0.0
2921	4	53.79	0.0	-0.04	-3.91	0.0	-286.22	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.29e-03	0.0	110.0	-286.22	-1.96	0.0	0.0	0.0	0.0
2921	5	53.79	0.0	-0.04	-3.91	0.0	-286.22	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.29e-03	0.0	110.0	-286.22	-1.96	0.0	0.0	0.0	0.0
2922	1	69.92	0.0	0.06	-5.09	0.0	-446.12	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-1.92e-03	0.0	110.0	-446.12	-2.54	0.0	0.0	0.0	0.0
2922	2	53.79	0.0	0.05	-3.91	0.0	-359.55	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.55e-03	0.0	110.0	-359.55	-1.96	0.0	0.0	0.0	0.0
2922	3	53.79	0.0	0.05	-3.91	0.0	-335.47	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.45e-03	0.0	110.0	-335.47	-1.96	0.0	0.0	0.0	0.0
2922	4	53.79	0.0	0.04	-3.91	0.0	-288.32	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.25e-03	0.0	110.0	-288.32	-1.96	0.0	0.0	0.0	0.0
2922	5	53.79	0.0	0.04	-3.91	0.0	-288.32	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.25e-03	0.0	110.0	-288.32	-1.96	0.0	0.0	0.0	0.0

2923	1	46.81	0.0	-3.42e-03	-4.16	0.0	5.89	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.66e-03	0.0	90.0	5.89	-2.08	0.0	0.0	0.0	0.0
2923	2	36.01	0.0	-2.72e-03	-3.20	0.0	4.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.15e-03	0.0	90.0	4.77	-1.60	0.0	0.0	0.0	0.0
2923	3	36.01	0.0	-2.60e-03	-3.20	0.0	4.41	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.00e-03	0.0	90.0	4.41	-1.60	0.0	0.0	0.0	0.0
2923	4	36.01	0.0	-2.34e-03	-3.20	0.0	3.71	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.71e-03	0.0	90.0	3.71	-1.60	0.0	0.0	0.0	0.0
2923	5	36.01	0.0	-2.34e-03	-3.20	0.0	3.71	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.71e-03	0.0	90.0	3.71	-1.60	0.0	0.0	0.0	0.0
2924	1	46.81	0.0	-3.11e-03	-4.16	0.0	6.45	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.78e-04	0.0	90.0	6.45	-2.08	0.0	0.0	0.0	0.0
2924	2	36.01	0.0	-2.42e-03	-3.20	0.0	5.23	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.22e-04	0.0	90.0	5.23	-1.60	0.0	0.0	0.0	0.0
2924	3	36.01	0.0	-2.37e-03	-3.20	0.0	4.83	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.25e-04	0.0	90.0	4.83	-1.60	0.0	0.0	0.0	0.0
2924	4	36.01	0.0	-2.28e-03	-3.20	0.0	4.06	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.20e-04	0.0	90.0	4.06	-1.60	0.0	0.0	0.0	0.0
2924	5	36.01	0.0	-2.28e-03	-3.20	0.0	4.06	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.20e-04	0.0	90.0	4.06	-1.60	0.0	0.0	0.0	0.0
2925	1	46.81	0.0	-3.79e-03	-4.16	0.0	6.75	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.75e-03	0.0	90.0	6.75	-2.08	0.0	0.0	0.0	0.0
2925	2	36.01	0.0	-3.02e-03	-3.20	0.0	5.47	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.22e-03	0.0	90.0	5.47	-1.60	0.0	0.0	0.0	0.0
2925	3	36.01	0.0	-2.88e-03	-3.20	0.0	5.06	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.07e-03	0.0	90.0	5.06	-1.60	0.0	0.0	0.0	0.0
2925	4	36.01	0.0	-2.60e-03	-3.20	0.0	4.25	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.78e-03	0.0	90.0	4.25	-1.60	0.0	0.0	0.0	0.0
2925	5	36.01	0.0	-2.60e-03	-3.20	0.0	4.25	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.78e-03	0.0	90.0	4.25	-1.60	0.0	0.0	0.0	0.0
2926	1	46.81	0.0	3.72e-03	-4.16	0.0	6.88	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-3.90e-03	0.0	90.0	6.88	-2.08	0.0	0.0	0.0	0.0
2926	2	36.01	0.0	2.95e-03	-3.20	0.0	5.58	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.14e-03	0.0	90.0	5.58	-1.60	0.0	0.0	0.0	0.0
2926	3	36.01	0.0	2.83e-03	-3.20	0.0	5.15	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.93e-03	0.0	90.0	5.15	-1.60	0.0	0.0	0.0	0.0
2926	4	36.01	0.0	2.56e-03	-3.20	0.0	4.32	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.50e-03	0.0	90.0	4.32	-1.60	0.0	0.0	0.0	0.0
2926	5	36.01	0.0	2.56e-03	-3.20	0.0	4.32	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.50e-03	0.0	90.0	4.32	-1.60	0.0	0.0	0.0	0.0
2927	1	46.81	0.0	-2.36e-03	-4.16	0.0	6.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.32e-03	0.0	90.0	6.85	-2.08	0.0	0.0	0.0	0.0
2927	2	36.01	0.0	-1.85e-03	-3.20	0.0	5.55	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.07e-03	0.0	90.0	5.55	-1.60	0.0	0.0	0.0	0.0
2927	3	36.01	0.0	-1.80e-03	-3.20	0.0	5.13	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.95e-04	0.0	90.0	5.13	-1.60	0.0	0.0	0.0	0.0
2927	4	36.01	0.0	-1.71e-03	-3.20	0.0	4.30	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.52e-04	0.0	90.0	4.30	-1.60	0.0	0.0	0.0	0.0
2927	5	36.01	0.0	-1.71e-03	-3.20	0.0	4.30	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.52e-04	0.0	90.0	4.30	-1.60	0.0	0.0	0.0	0.0
2928	1	46.81	0.0	-6.15e-03	-4.16	0.0	6.73	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	1.49e-03	0.0	90.0	6.73	-2.08	0.0	0.0	0.0	0.0
2928	2	36.01	0.0	-4.92e-03	-3.20	0.0	5.45	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	1.21e-03	0.0	90.0	5.45	-1.60	0.0	0.0	0.0	0.0
2928	3	36.01	0.0	-4.64e-03	-3.20	0.0	5.03	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	1.11e-03	0.0	90.0	5.03	-1.60	0.0	0.0	0.0	0.0
2928	4	36.01	0.0	-4.11e-03	-3.20	0.0	4.22	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	9.17e-04	0.0	90.0	4.22	-1.60	0.0	0.0	0.0	0.0
2928	5	36.01	0.0	-4.11e-03	-3.20	0.0	4.22	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	9.17e-04	0.0	90.0	4.22	-1.60	0.0	0.0	0.0	0.0
2929	1	46.81	0.0	-0.01	-4.16	0.0	6.49	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-5.04e-04	0.0	90.0	6.49	-2.08	0.0	0.0	0.0	0.0
2929	2	36.01	0.0	-8.78e-03	-3.20	0.0	5.26	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.08e-04	0.0	90.0	5.26	-1.60	0.0	0.0	0.0	0.0
2929	3	36.01	0.0	-8.20e-03	-3.20	0.0	4.86	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.67e-04	0.0	90.0	4.86	-1.60	0.0	0.0	0.0	0.0
2929	4	36.01	0.0	-7.02e-03	-3.20	0.0	4.07	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.14e-04	0.0	90.0	4.07	-1.60	0.0	0.0	0.0	0.0
2929	5	36.01	0.0	-7.02e-03	-3.20	0.0	4.07	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.14e-04	0.0	90.0	4.07	-1.60	0.0	0.0	0.0	0.0
2930	1	46.81	0.0	-0.01	-4.16	0.0	6.04	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.71e-03	0.0	90.0	6.04	-2.08	0.0	0.0	0.0	0.0
2930	2	36.01	0.0	-0.01	-3.20	0.0	4.89	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.39e-03	0.0	90.0	4.89	-1.60	0.0	0.0	0.0	0.0
2930	3	36.01	0.0	-0.01	-3.20	0.0	4.52	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.28e-03	0.0	90.0	4.52	-1.60	0.0	0.0	0.0	0.0
2930	4	36.01	0.0	-9.19e-03	-3.20	0.0	3.79	1.60	0.0	0.0	0.0	0.0



		0.0	0.0	-1.07e-03	0.0	90.0	3.79	-1.60	0.0	0.0	0.0	0.0
2930	5	36.01	0.0	-9.19e-03	-3.20	0.0	3.79	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.07e-03	0.0	90.0	3.79	-1.60	0.0	0.0	0.0	0.0
2931	1	46.81	0.0	9.06e-03	-4.16	0.0	5.35	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.59e-03	0.0	90.0	5.35	-2.08	0.0	0.0	0.0	0.0
2931	2	36.01	0.0	7.31e-03	-3.20	0.0	4.34	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.09e-03	0.0	90.0	4.34	-1.60	0.0	0.0	0.0	0.0
2931	3	36.01	0.0	6.82e-03	-3.20	0.0	4.01	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.95e-03	0.0	90.0	4.01	-1.60	0.0	0.0	0.0	0.0
2931	4	36.01	0.0	5.84e-03	-3.20	0.0	3.36	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.67e-03	0.0	90.0	3.36	-1.60	0.0	0.0	0.0	0.0
2931	5	36.01	0.0	5.84e-03	-3.20	0.0	3.36	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.67e-03	0.0	90.0	3.36	-1.60	0.0	0.0	0.0	0.0
2932	1	46.81	0.0	0.01	-4.16	0.0	4.48	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-5.40e-03	0.0	90.0	4.48	-2.08	0.0	0.0	0.0	0.0
2932	2	36.01	0.0	0.01	-3.20	0.0	3.64	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.35e-03	0.0	90.0	3.64	-1.60	0.0	0.0	0.0	0.0
2932	3	36.01	0.0	9.96e-03	-3.20	0.0	3.36	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.08e-03	0.0	90.0	3.36	-1.60	0.0	0.0	0.0	0.0
2932	4	36.01	0.0	8.46e-03	-3.20	0.0	2.81	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.53e-03	0.0	90.0	2.81	-1.60	0.0	0.0	0.0	0.0
2932	5	36.01	0.0	8.46e-03	-3.20	0.0	2.81	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.53e-03	0.0	90.0	2.81	-1.60	0.0	0.0	0.0	0.0
2933	1	46.81	0.0	5.75e-03	-4.16	0.0	3.52	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.95e-03	0.0	90.0	3.52	-2.08	0.0	0.0	0.0	0.0
2933	2	36.01	0.0	4.75e-03	-3.20	0.0	2.86	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.55e-03	0.0	90.0	2.86	-1.60	0.0	0.0	0.0	0.0
2933	3	36.01	0.0	4.30e-03	-3.20	0.0	2.64	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.49e-03	0.0	90.0	2.64	-1.60	0.0	0.0	0.0	0.0
2933	4	36.01	0.0	3.37e-03	-3.20	0.0	2.21	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.33e-03	0.0	90.0	2.21	-1.60	0.0	0.0	0.0	0.0
2933	5	36.01	0.0	3.37e-03	-3.20	0.0	2.21	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.33e-03	0.0	90.0	2.21	-1.60	0.0	0.0	0.0	0.0
2934	1	46.81	0.0	-3.95e-03	-4.16	0.0	2.48	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-3.71e-03	0.0	90.0	2.48	-2.08	0.0	0.0	0.0	0.0
2934	2	36.01	0.0	-3.09e-03	-3.20	0.0	2.01	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.99e-03	0.0	90.0	2.01	-1.60	0.0	0.0	0.0	0.0
2934	3	36.01	0.0	-3.02e-03	-3.20	0.0	1.86	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.78e-03	0.0	90.0	1.86	-1.60	0.0	0.0	0.0	0.0
2934	4	36.01	0.0	-2.87e-03	-3.20	0.0	1.56	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.41e-03	0.0	90.0	1.56	-1.60	0.0	0.0	0.0	0.0
2934	5	36.01	0.0	-2.87e-03	-3.20	0.0	1.56	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.41e-03	0.0	90.0	1.56	-1.60	0.0	0.0	0.0	0.0
2935	1	46.81	0.0	9.77e-03	-4.16	0.0	1.31	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-5.45e-03	0.0	90.0	1.31	-2.08	0.0	0.0	0.0	0.0
2935	2	36.01	0.0	7.94e-03	-3.20	0.0	1.06	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.39e-03	0.0	90.0	1.06	-1.60	0.0	0.0	0.0	0.0
2935	3	36.01	0.0	7.32e-03	-3.20	0.0	0.98	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.11e-03	0.0	90.0	0.98	-1.60	0.0	0.0	0.0	0.0
2935	4	36.01	0.0	6.09e-03	-3.20	0.0	0.82	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.53e-03	0.0	90.0	0.82	-1.60	0.0	0.0	0.0	0.0
2935	5	36.01	0.0	6.09e-03	-3.20	0.0	0.82	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.53e-03	0.0	90.0	0.82	-1.60	0.0	0.0	0.0	0.0
2936	1	46.81	0.0	-0.02	-4.16	0.0	1.78	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.65e-03	0.0	90.0	1.78	-2.08	0.0	0.0	0.0	0.0
2936	2	36.01	0.0	-0.02	-3.20	0.0	1.44	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.14e-03	0.0	90.0	1.44	-1.60	0.0	0.0	0.0	0.0
2936	3	36.01	0.0	-0.02	-3.20	0.0	1.34	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.00e-03	0.0	90.0	1.34	-1.60	0.0	0.0	0.0	0.0
2936	4	36.01	0.0	-0.02	-3.20	0.0	1.13	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.72e-03	0.0	90.0	1.13	-1.60	0.0	0.0	0.0	0.0
2936	5	36.01	0.0	-0.02	-3.20	0.0	1.13	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.72e-03	0.0	90.0	1.13	-1.60	0.0	0.0	0.0	0.0
2937	1	46.81	0.0	-0.02	-4.16	0.0	3.41	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.35e-03	0.0	90.0	3.41	-2.08	0.0	0.0	0.0	0.0
2937	2	36.01	0.0	-0.01	-3.20	0.0	2.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.08e-03	0.0	90.0	2.77	-1.60	0.0	0.0	0.0	0.0
2937	3	36.01	0.0	-0.01	-3.20	0.0	2.57	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.03e-03	0.0	90.0	2.57	-1.60	0.0	0.0	0.0	0.0
2937	4	36.01	0.0	-0.01	-3.20	0.0	2.16	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.06e-04	0.0	90.0	2.16	-1.60	0.0	0.0	0.0	0.0
2937	5	36.01	0.0	-0.01	-3.20	0.0	2.16	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.06e-04	0.0	90.0	2.16	-1.60	0.0	0.0	0.0	0.0
2938	1	46.81	0.0	-4.37e-03	-4.16	0.0	4.57	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	1.85e-04	0.0	90.0	4.57	-2.08	0.0	0.0	0.0	0.0
2938	2	36.01	0.0	-3.58e-03	-3.20	0.0	3.71	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	1.64e-04	0.0	90.0	3.71	-1.60	0.0	0.0	0.0	0.0

2938	3	36.01	0.0	-3.27e-03	-3.20	0.0	3.44	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	1.51e-04	0.0	90.0	3.44	-1.60	0.0	0.0	0.0	0.0
2938	4	36.01	0.0	-2.70e-03	-3.20	0.0	2.89	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	8.60e-05	0.0	90.0	2.89	-1.60	0.0	0.0	0.0	0.0
2938	5	36.01	0.0	-2.70e-03	-3.20	0.0	2.89	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	8.60e-05	0.0	90.0	2.89	-1.60	0.0	0.0	0.0	0.0
2939	1	46.81	0.0	-3.24e-03	-4.16	0.0	5.30	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.04e-03	0.0	90.0	5.30	-2.08	0.0	0.0	0.0	0.0
2939	2	36.01	0.0	-2.57e-03	-3.20	0.0	4.30	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.65e-03	0.0	90.0	4.30	-1.60	0.0	0.0	0.0	0.0
2939	3	36.01	0.0	-2.45e-03	-3.20	0.0	3.98	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.54e-03	0.0	90.0	3.98	-1.60	0.0	0.0	0.0	0.0
2939	4	36.01	0.0	-2.22e-03	-3.20	0.0	3.34	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.33e-03	0.0	90.0	3.34	-1.60	0.0	0.0	0.0	0.0
2939	5	36.01	0.0	-2.22e-03	-3.20	0.0	3.34	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.33e-03	0.0	90.0	3.34	-1.60	0.0	0.0	0.0	0.0
2940	1	46.81	0.0	-2.95e-03	-4.16	0.0	5.66	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-4.27e-03	0.0	90.0	5.66	-2.08	0.0	0.0	0.0	0.0
2940	2	36.01	0.0	-2.30e-03	-3.20	0.0	4.59	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.46e-03	0.0	90.0	4.59	-1.60	0.0	0.0	0.0	0.0
2940	3	36.01	0.0	-2.26e-03	-3.20	0.0	4.26	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.22e-03	0.0	90.0	4.26	-1.60	0.0	0.0	0.0	0.0
2940	4	36.01	0.0	-2.17e-03	-3.20	0.0	3.56	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.74e-03	0.0	90.0	3.56	-1.60	0.0	0.0	0.0	0.0
2940	5	36.01	0.0	-2.17e-03	-3.20	0.0	3.56	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.74e-03	0.0	90.0	3.56	-1.60	0.0	0.0	0.0	0.0
2941	1	46.81	0.0	-5.36e-03	-4.16	0.0	5.69	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.44e-03	0.0	90.0	5.69	-2.08	0.0	0.0	0.0	0.0
2941	2	36.01	0.0	-4.32e-03	-3.20	0.0	4.62	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.96e-03	0.0	90.0	4.62	-1.60	0.0	0.0	0.0	0.0
2941	3	36.01	0.0	-4.05e-03	-3.20	0.0	4.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.83e-03	0.0	90.0	4.28	-1.60	0.0	0.0	0.0	0.0
2941	4	36.01	0.0	-3.57e-03	-3.20	0.0	3.57	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.56e-03	0.0	90.0	3.57	-1.60	0.0	0.0	0.0	0.0
2941	5	36.01	0.0	-3.57e-03	-3.20	0.0	3.57	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.56e-03	0.0	90.0	3.57	-1.60	0.0	0.0	0.0	0.0
2956	1	46.81	0.0	-4.04e-03	-4.16	0.0	-45.43	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	8.65e-04	0.0	90.0	-45.43	-2.08	0.0	0.0	0.0	0.0
2956	2	36.01	0.0	-3.20e-03	-3.20	0.0	-36.92	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	6.99e-04	0.0	90.0	-36.92	-1.60	0.0	0.0	0.0	0.0
2956	3	36.01	0.0	-3.07e-03	-3.20	0.0	-34.29	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	6.38e-04	0.0	90.0	-34.29	-1.60	0.0	0.0	0.0	0.0
2956	4	36.01	0.0	-2.80e-03	-3.20	0.0	-29.01	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	5.20e-04	0.0	90.0	-29.01	-1.60	0.0	0.0	0.0	0.0
2956	5	36.01	0.0	-2.80e-03	-3.20	0.0	-29.01	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	5.20e-04	0.0	90.0	-29.01	-1.60	0.0	0.0	0.0	0.0
2958	1	46.81	0.0	-0.02	-4.16	0.0	0.11	2.08	0.0	0.76	0.0	0.0
		0.0	0.0	-3.48e-03	0.0	90.0	0.11	-2.08	0.0	0.76	0.0	0.0
2958	2	36.01	0.0	-0.02	-3.20	0.0	0.09	1.60	0.0	0.61	0.0	0.0
		0.0	0.0	-2.80e-03	0.0	90.0	0.09	-1.60	0.0	0.61	0.0	0.0
2958	3	36.01	0.0	-0.02	-3.20	0.0	0.08	1.60	0.0	0.58	0.0	0.0
		0.0	0.0	-2.62e-03	0.0	90.0	0.08	-1.60	0.0	0.58	0.0	0.0
2958	4	36.01	0.0	-0.01	-3.20	0.0	0.07	1.60	0.0	0.52	0.0	0.0
		0.0	0.0	-2.26e-03	0.0	90.0	0.07	-1.60	0.0	0.52	0.0	0.0
2958	5	36.01	0.0	-0.01	-3.20	0.0	0.07	1.60	0.0	0.52	0.0	0.0
		0.0	0.0	-2.26e-03	0.0	90.0	0.07	-1.60	0.0	0.52	0.0	0.0
2959	1	46.81	0.0	-4.11e-03	-4.16	0.0	0.09	2.08	0.0	-7.38	0.0	0.0
		0.0	0.0	-6.38e-03	0.0	90.0	0.09	-2.08	0.0	-7.38	0.0	0.0
2959	2	36.01	0.0	-3.33e-03	-3.20	0.0	0.07	1.60	0.0	-5.81	0.0	0.0
		0.0	0.0	-5.16e-03	0.0	90.0	0.07	-1.60	0.0	-5.81	0.0	0.0
2959	3	36.01	0.0	-3.10e-03	-3.20	0.0	0.07	1.60	0.0	-5.63	0.0	0.0
		0.0	0.0	-4.79e-03	0.0	90.0	0.07	-1.60	0.0	-5.63	0.0	0.0
2959	4	36.01	0.0	-2.68e-03	-3.20	0.0	0.06	1.60	0.0	-5.23	0.0	0.0
		0.0	0.0	-4.05e-03	0.0	90.0	0.06	-1.60	0.0	-5.23	0.0	0.0
2959	5	36.01	0.0	-2.68e-03	-3.20	0.0	0.06	1.60	0.0	-5.23	0.0	0.0
		0.0	0.0	-4.05e-03	0.0	90.0	0.06	-1.60	0.0	-5.23	0.0	0.0
2961	1	46.81	0.0	-2.24e-03	-4.16	0.0	-28.62	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	-28.62	-2.08	0.0	0.0	0.0	0.0
2961	2	36.01	0.0	-1.74e-03	-3.20	0.0	-23.05	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	-23.05	-1.60	0.0	0.0	0.0	0.0
2961	3	36.01	0.0	-1.71e-03	-3.20	0.0	-21.55	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.35e-03	0.0	90.0	-21.55	-1.60	0.0	0.0	0.0	0.0
2961	4	36.01	0.0	-1.64e-03	-3.20	0.0	-18.51	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.94e-03	0.0	90.0	-18.51	-1.60	0.0	0.0	0.0	0.0
2961	5	36.01	0.0	-1.64e-03	-3.20	0.0	-18.51	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.94e-03	0.0	90.0	-18.51	-1.60	0.0	0.0	0.0	0.0
2962	1	46.81	0.0	-1.67e-03	-4.16	0.0	-0.46	2.08	0.0	0.0	0.0	0.0



		0.0	0.0	-2.40e-04	0.0	90.0	-0.46	-2.08	0.0	0.0	0.0	0.0
2962	2	36.01	0.0	-1.28e-03	-3.20	0.0	-0.37	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.93e-04	0.0	90.0	-0.37	-1.60	0.0	0.0	0.0	0.0
2962	3	36.01	0.0	-1.28e-03	-3.20	0.0	-0.34	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.81e-04	0.0	90.0	-0.34	-1.60	0.0	0.0	0.0	0.0
2962	4	36.01	0.0	-1.27e-03	-3.20	0.0	-0.30	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.59e-04	0.0	90.0	-0.30	-1.60	0.0	0.0	0.0	0.0
2962	5	36.01	0.0	-1.27e-03	-3.20	0.0	-0.30	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.59e-04	0.0	90.0	-0.30	-1.60	0.0	0.0	0.0	0.0
2963	1	46.81	0.0	-2.79e-03	-4.16	0.0	2.25	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	2.25	-2.08	0.0	0.0	0.0	0.0
2963	2	36.01	0.0	-2.17e-03	-3.20	0.0	1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.37e-03	0.0	90.0	1.77	-1.60	0.0	0.0	0.0	0.0
2963	3	36.01	0.0	-2.13e-03	-3.20	0.0	1.71	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.81e-03	0.0	90.0	1.71	-1.60	0.0	0.0	0.0	0.0
2963	4	36.01	0.0	-2.04e-03	-3.20	0.0	1.62	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.70e-03	0.0	90.0	1.62	-1.60	0.0	0.0	0.0	0.0
2963	5	36.01	0.0	-2.04e-03	-3.20	0.0	1.62	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.70e-03	0.0	90.0	1.62	-1.60	0.0	0.0	0.0	0.0
2964	1	46.81	0.0	-1.32e-03	-4.16	0.0	-13.61	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.03	0.0	90.0	-13.61	-2.08	0.0	0.0	0.0	0.0
2964	2	36.01	0.0	-1.01e-03	-3.20	0.0	-10.97	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	90.0	-10.97	-1.60	0.0	0.0	0.0	0.0
2964	3	36.01	0.0	-1.02e-03	-3.20	0.0	-10.25	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	90.0	-10.25	-1.60	0.0	0.0	0.0	0.0
2964	4	36.01	0.0	-1.03e-03	-3.20	0.0	-8.74	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	90.0	-8.74	-1.60	0.0	0.0	0.0	0.0
2964	5	36.01	0.0	-1.03e-03	-3.20	0.0	-8.74	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	90.0	-8.74	-1.60	0.0	0.0	0.0	0.0
2965	1	46.81	0.0	-1.64e-03	-4.16	0.0	1.23	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.68e-04	0.0	90.0	1.23	-2.08	0.0	0.0	0.0	0.0
2965	2	36.01	0.0	-1.26e-03	-3.20	0.0	0.97	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.35e-04	0.0	90.0	0.97	-1.60	0.0	0.0	0.0	0.0
2965	3	36.01	0.0	-1.26e-03	-3.20	0.0	0.93	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.27e-04	0.0	90.0	0.93	-1.60	0.0	0.0	0.0	0.0
2965	4	36.01	0.0	-1.26e-03	-3.20	0.0	0.92	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.11e-04	0.0	90.0	0.92	-1.60	0.0	0.0	0.0	0.0
2965	5	36.01	0.0	-1.26e-03	-3.20	0.0	0.92	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.11e-04	0.0	90.0	0.92	-1.60	0.0	0.0	0.0	0.0
2966	1	46.81	0.0	-2.76e-03	-4.16	0.0	-14.99	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.61e-03	0.0	90.0	-14.99	-2.08	0.0	0.0	0.0	0.0
2966	2	36.01	0.0	-2.17e-03	-3.20	0.0	-12.07	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.10e-03	0.0	90.0	-12.07	-1.60	0.0	0.0	0.0	0.0
2966	3	36.01	0.0	-2.10e-03	-3.20	0.0	-11.30	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.97e-03	0.0	90.0	-11.30	-1.60	0.0	0.0	0.0	0.0
2966	4	36.01	0.0	-1.97e-03	-3.20	0.0	-9.76	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.72e-03	0.0	90.0	-9.76	-1.60	0.0	0.0	0.0	0.0
2966	5	36.01	0.0	-1.97e-03	-3.20	0.0	-9.76	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.72e-03	0.0	90.0	-9.76	-1.60	0.0	0.0	0.0	0.0
2967	1	46.81	0.0	-3.03e-03	-4.16	0.0	-41.78	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.92e-03	0.0	90.0	-41.78	-2.08	0.0	0.0	0.0	0.0
2967	2	36.01	0.0	-2.39e-03	-3.20	0.0	-33.61	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.36e-03	0.0	90.0	-33.61	-1.60	0.0	0.0	0.0	0.0
2967	3	36.01	0.0	-2.31e-03	-3.20	0.0	-31.17	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.20e-03	0.0	90.0	-31.17	-1.60	0.0	0.0	0.0	0.0
2967	4	36.01	0.0	-2.17e-03	-3.20	0.0	-26.91	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.87e-03	0.0	90.0	-26.91	-1.60	0.0	0.0	0.0	0.0
2967	5	36.01	0.0	-2.17e-03	-3.20	0.0	-26.91	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.87e-03	0.0	90.0	-26.91	-1.60	0.0	0.0	0.0	0.0
2968	1	69.92	0.0	-5.87e-03	-5.09	0.0	-23.96	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	-23.96	-2.54	0.0	0.0	0.0	0.0
2968	2	53.79	0.0	-4.60e-03	-3.91	0.0	-19.29	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-19.29	-1.96	0.0	0.0	0.0	0.0
2968	3	53.79	0.0	-4.47e-03	-3.91	0.0	-18.05	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-18.05	-1.96	0.0	0.0	0.0	0.0
2968	4	53.79	0.0	-4.21e-03	-3.91	0.0	-15.59	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-15.59	-1.96	0.0	0.0	0.0	0.0
2968	5	53.79	0.0	-4.21e-03	-3.91	0.0	-15.59	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-15.59	-1.96	0.0	0.0	0.0	0.0
2969	1	46.81	0.0	-2.29e-03	-4.16	0.0	-0.72	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	-0.72	-2.08	0.0	0.0	0.0	0.0
2969	2	36.01	0.0	-1.79e-03	-3.20	0.0	-0.58	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.98e-03	0.0	90.0	-0.58	-1.60	0.0	0.0	0.0	0.0
2969	3	36.01	0.0	-1.75e-03	-3.20	0.0	-0.55	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.44e-03	0.0	90.0	-0.55	-1.60	0.0	0.0	0.0	0.0
2969	4	36.01	0.0	-1.68e-03	-3.20	0.0	-0.47	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.36e-03	0.0	90.0	-0.47	-1.60	0.0	0.0	0.0	0.0

2969	5	36.01	0.0	-1.68e-03	-3.20	0.0	-0.47	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.36e-03	0.0	90.0	-0.47	-1.60	0.0	0.0	0.0	0.0
2970	1	46.81	0.0	-1.97e-03	-4.16	0.0	-0.63	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-6.90e-03	0.0	90.0	-0.63	-2.08	0.0	0.0	0.0	0.0
2970	2	36.01	0.0	-1.53e-03	-3.20	0.0	-0.51	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.55e-03	0.0	90.0	-0.51	-1.60	0.0	0.0	0.0	0.0
2970	3	36.01	0.0	-1.51e-03	-3.20	0.0	-0.48	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.20e-03	0.0	90.0	-0.48	-1.60	0.0	0.0	0.0	0.0
2970	4	36.01	0.0	-1.46e-03	-3.20	0.0	-0.41	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.49e-03	0.0	90.0	-0.41	-1.60	0.0	0.0	0.0	0.0
2970	5	36.01	0.0	-1.46e-03	-3.20	0.0	-0.41	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.49e-03	0.0	90.0	-0.41	-1.60	0.0	0.0	0.0	0.0
2971	1	46.81	0.0	-1.61e-03	-4.16	0.0	-0.54	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	90.0	-0.54	-2.08	0.0	0.0	0.0	0.0
2971	2	36.01	0.0	-1.24e-03	-3.20	0.0	-0.44	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-0.44	-1.60	0.0	0.0	0.0	0.0
2971	3	36.01	0.0	-1.24e-03	-3.20	0.0	-0.41	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-0.41	-1.60	0.0	0.0	0.0	0.0
2971	4	36.01	0.0	-1.23e-03	-3.20	0.0	-0.35	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-0.35	-1.60	0.0	0.0	0.0	0.0
2971	5	36.01	0.0	-1.23e-03	-3.20	0.0	-0.35	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-0.35	-1.60	0.0	0.0	0.0	0.0
2974	1	46.81	0.0	3.43e-03	-4.16	0.0	1.20	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	1.20	-2.08	0.0	0.0	0.0	0.0
2974	2	36.01	0.0	2.73e-03	-3.20	0.0	0.93	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	0.93	-1.60	0.0	0.0	0.0	0.0
2974	3	36.01	0.0	2.60e-03	-3.20	0.0	0.91	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	0.91	-1.60	0.0	0.0	0.0	0.0
2974	4	36.01	0.0	2.32e-03	-3.20	0.0	0.93	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	9.56e-03	0.0	90.0	0.93	-1.60	0.0	0.0	0.0	0.0
2974	5	36.01	0.0	2.32e-03	-3.20	0.0	0.93	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	9.56e-03	0.0	90.0	0.93	-1.60	0.0	0.0	0.0	0.0
2975	1	46.81	0.0	-2.33e-03	-4.16	0.0	-1.22	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	90.0	-1.22	-2.08	0.0	0.0	0.0	0.0
2975	2	36.01	0.0	-1.82e-03	-3.20	0.0	-0.98	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	90.0	-0.98	-1.60	0.0	0.0	0.0	0.0
2975	3	36.01	0.0	-1.78e-03	-3.20	0.0	-0.92	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-0.92	-1.60	0.0	0.0	0.0	0.0
2975	4	36.01	0.0	-1.70e-03	-3.20	0.0	-0.79	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-0.79	-1.60	0.0	0.0	0.0	0.0
2975	5	36.01	0.0	-1.70e-03	-3.20	0.0	-0.79	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-0.79	-1.60	0.0	0.0	0.0	0.0
2976	1	69.92	0.0	8.69e-03	-5.09	0.0	-0.02	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.22	0.0	110.0	-0.02	-2.54	0.0	0.0	0.0	0.0
2976	2	53.79	0.0	7.00e-03	-3.91	0.0	-0.02	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.17	0.0	110.0	-0.02	-1.96	0.0	0.0	0.0	0.0
2976	3	53.79	0.0	6.54e-03	-3.91	0.0	-0.02	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.16	0.0	110.0	-0.02	-1.96	0.0	0.0	0.0	0.0
2976	4	53.79	0.0	5.62e-03	-3.91	0.0	-0.02	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.14	0.0	110.0	-0.02	-1.96	0.0	0.0	0.0	0.0
2976	5	53.79	0.0	5.62e-03	-3.91	0.0	-0.02	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.14	0.0	110.0	-0.02	-1.96	0.0	0.0	0.0	0.0
2983	1	46.81	0.0	-2.03e-03	-4.16	0.0	-2.42	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	8.91e-03	0.0	90.0	-2.42	-2.08	0.0	0.0	0.0	0.0
2983	2	36.01	0.0	-1.58e-03	-3.20	0.0	-1.95	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	7.17e-03	0.0	90.0	-1.95	-1.60	0.0	0.0	0.0	0.0
2983	3	36.01	0.0	-1.55e-03	-3.20	0.0	-1.82	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	6.72e-03	0.0	90.0	-1.82	-1.60	0.0	0.0	0.0	0.0
2983	4	36.01	0.0	-1.50e-03	-3.20	0.0	-1.57	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	5.80e-03	0.0	90.0	-1.57	-1.60	0.0	0.0	0.0	0.0
2983	5	36.01	0.0	-1.50e-03	-3.20	0.0	-1.57	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	5.80e-03	0.0	90.0	-1.57	-1.60	0.0	0.0	0.0	0.0
2984	1	46.81	0.0	-1.76e-03	-4.16	0.0	1.73	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-9.79e-04	0.0	90.0	1.73	-2.08	0.0	0.0	0.0	0.0
2984	2	36.01	0.0	-1.36e-03	-3.20	0.0	1.36	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.85e-04	0.0	90.0	1.36	-1.60	0.0	0.0	0.0	0.0
2984	3	36.01	0.0	-1.35e-03	-3.20	0.0	1.32	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.39e-04	0.0	90.0	1.32	-1.60	0.0	0.0	0.0	0.0
2984	4	36.01	0.0	-1.34e-03	-3.20	0.0	1.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.45e-04	0.0	90.0	1.28	-1.60	0.0	0.0	0.0	0.0
2984	5	36.01	0.0	-1.34e-03	-3.20	0.0	1.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.45e-04	0.0	90.0	1.28	-1.60	0.0	0.0	0.0	0.0
2985	1	46.81	0.0	-1.54e-03	-4.16	0.0	-3.57	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-0.03	0.0	90.0	-3.57	-2.08	0.0	0.0	0.0	0.0
2985	2	36.01	0.0	-1.18e-03	-3.20	0.0	-2.87	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-2.87	-1.60	0.0	0.0	0.0	0.0
2985	3	36.01	0.0	-1.18e-03	-3.20	0.0	-2.69	1.60	0.0	0.0	0.0	0.0

		0.0	0.0	-0.02	0.0	90.0	-2.69	-1.60	0.0	0.0	0.0	0.0
2985	4	36.01	0.0	-1.18e-03	-3.20	0.0	-2.32	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-2.32	-1.60	0.0	0.0	0.0	0.0
2985	5	36.01	0.0	-1.18e-03	-3.20	0.0	-2.32	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-2.32	-1.60	0.0	0.0	0.0	0.0
2986	1	46.81	0.0	-1.66e-03	-4.16	0.0	-4.65	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.39e-04	0.0	90.0	-4.65	-2.08	0.0	0.0	0.0	0.0
2986	2	36.01	0.0	-1.28e-03	-3.20	0.0	-3.74	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.92e-04	0.0	90.0	-3.74	-1.60	0.0	0.0	0.0	0.0
2986	3	36.01	0.0	-1.28e-03	-3.20	0.0	-3.50	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.80e-04	0.0	90.0	-3.50	-1.60	0.0	0.0	0.0	0.0
2986	4	36.01	0.0	-1.27e-03	-3.20	0.0	-3.02	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.56e-04	0.0	90.0	-3.02	-1.60	0.0	0.0	0.0	0.0
2986	5	36.01	0.0	-1.27e-03	-3.20	0.0	-3.02	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.56e-04	0.0	90.0	-3.02	-1.60	0.0	0.0	0.0	0.0
2987	1	69.92	0.0	9.23e-03	-5.09	0.0	-14.98	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.16	0.0	110.0	-14.98	-2.54	0.0	0.0	0.0	0.0
2987	2	53.79	0.0	7.42e-03	-3.91	0.0	-12.05	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.13	0.0	110.0	-12.05	-1.96	0.0	0.0	0.0	0.0
2987	3	53.79	0.0	6.96e-03	-3.91	0.0	-11.29	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.12	0.0	110.0	-11.29	-1.96	0.0	0.0	0.0	0.0
2987	4	53.79	0.0	6.05e-03	-3.91	0.0	-9.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.11	0.0	110.0	-9.78	-1.96	0.0	0.0	0.0	0.0
2987	5	53.79	0.0	6.05e-03	-3.91	0.0	-9.78	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.11	0.0	110.0	-9.78	-1.96	0.0	0.0	0.0	0.0
2988	1	46.81	0.0	-1.74e-03	-4.16	0.0	-5.62	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	90.0	-5.62	-2.08	0.0	0.0	0.0	0.0
2988	2	36.01	0.0	-1.34e-03	-3.20	0.0	-4.53	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-4.53	-1.60	0.0	0.0	0.0	0.0
2988	3	36.01	0.0	-1.34e-03	-3.20	0.0	-4.24	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-4.24	-1.60	0.0	0.0	0.0	0.0
2988	4	36.01	0.0	-1.33e-03	-3.20	0.0	-3.66	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-3.66	-1.60	0.0	0.0	0.0	0.0
2988	5	36.01	0.0	-1.33e-03	-3.20	0.0	-3.66	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-3.66	-1.60	0.0	0.0	0.0	0.0
2989	1	46.81	0.0	-1.56e-03	-4.16	0.0	-6.47	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-6.47	-2.08	0.0	0.0	0.0	0.0
2989	2	36.01	0.0	-1.20e-03	-3.20	0.0	-5.21	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	8.33e-03	0.0	90.0	-5.21	-1.60	0.0	0.0	0.0	0.0
2989	3	36.01	0.0	-1.20e-03	-3.20	0.0	-4.88	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	7.83e-03	0.0	90.0	-4.88	-1.60	0.0	0.0	0.0	0.0
2989	4	36.01	0.0	-1.20e-03	-3.20	0.0	-4.21	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	6.82e-03	0.0	90.0	-4.21	-1.60	0.0	0.0	0.0	0.0
2989	5	36.01	0.0	-1.20e-03	-3.20	0.0	-4.21	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	6.82e-03	0.0	90.0	-4.21	-1.60	0.0	0.0	0.0	0.0
2992	1	46.81	0.0	-0.01	-4.16	0.0	0.45	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.58e-03	0.0	90.0	0.45	-2.08	0.0	0.0	0.0	0.0
2992	2	36.01	0.0	-9.30e-03	-3.20	0.0	0.35	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.08e-03	0.0	90.0	0.35	-1.60	0.0	0.0	0.0	0.0
2992	3	36.01	0.0	-8.71e-03	-3.20	0.0	0.34	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.95e-03	0.0	90.0	0.34	-1.60	0.0	0.0	0.0	0.0
2992	4	36.01	0.0	-7.53e-03	-3.20	0.0	0.30	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.69e-03	0.0	90.0	0.30	-1.60	0.0	0.0	0.0	0.0
2992	5	36.01	0.0	-7.53e-03	-3.20	0.0	0.30	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.69e-03	0.0	90.0	0.30	-1.60	0.0	0.0	0.0	0.0
2994	1	46.81	0.0	-1.84e-03	-4.16	0.0	41.02	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.36e-03	0.0	90.0	41.02	-2.08	0.0	0.0	0.0	0.0
2994	2	36.01	0.0	-1.47e-03	-3.20	0.0	33.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.10e-03	0.0	90.0	33.42	-1.60	0.0	0.0	0.0	0.0
2994	3	36.01	0.0	-1.40e-03	-3.20	0.0	30.76	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.03e-03	0.0	90.0	30.76	-1.60	0.0	0.0	0.0	0.0
2994	4	36.01	0.0	-1.26e-03	-3.20	0.0	25.40	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.81e-04	0.0	90.0	25.40	-1.60	0.0	0.0	0.0	0.0
2994	5	36.01	0.0	-1.26e-03	-3.20	0.0	25.40	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.81e-04	0.0	90.0	25.40	-1.60	0.0	0.0	0.0	0.0
3005	1	46.81	0.0	-2.22e-03	-4.16	0.0	39.18	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.38e-03	0.0	90.0	39.18	-2.08	0.0	0.0	0.0	0.0
3005	2	36.01	0.0	-1.73e-03	-3.20	0.0	31.93	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.11e-03	0.0	90.0	31.93	-1.60	0.0	0.0	0.0	0.0
3005	3	36.01	0.0	-1.69e-03	-3.20	0.0	29.38	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.04e-03	0.0	90.0	29.38	-1.60	0.0	0.0	0.0	0.0
3005	4	36.01	0.0	-1.62e-03	-3.20	0.0	24.21	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.11e-04	0.0	90.0	24.21	-1.60	0.0	0.0	0.0	0.0
3005	5	36.01	0.0	-1.62e-03	-3.20	0.0	24.21	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.11e-04	0.0	90.0	24.21	-1.60	0.0	0.0	0.0	0.0
3006	1	46.81	0.0	-1.90e-03	-4.16	0.0	24.52	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.39e-03	0.0	90.0	24.52	-2.08	0.0	0.0	0.0	0.0

3006	2	36.01	0.0	-1.45e-03	-3.20	0.0	19.76	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.12e-03	0.0	90.0	19.76	-1.60	0.0	0.0	0.0	0.0
3006	3	36.01	0.0	-1.47e-03	-3.20	0.0	18.48	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.04e-03	0.0	90.0	18.48	-1.60	0.0	0.0	0.0	0.0
3006	4	36.01	0.0	-1.50e-03	-3.20	0.0	15.94	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.00e-04	0.0	90.0	15.94	-1.60	0.0	0.0	0.0	0.0
3006	5	36.01	0.0	-1.50e-03	-3.20	0.0	15.94	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.00e-04	0.0	90.0	15.94	-1.60	0.0	0.0	0.0	0.0
3007	1	46.81	0.0	-5.02e-03	-4.16	0.0	6.48	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-6.88e-03	0.0	90.0	6.48	-2.08	0.0	0.0	0.0	0.0
3007	2	36.01	0.0	-4.05e-03	-3.20	0.0	5.27	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.57e-03	0.0	90.0	5.27	-1.60	0.0	0.0	0.0	0.0
3007	3	36.01	0.0	-3.79e-03	-3.20	0.0	4.86	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.17e-03	0.0	90.0	4.86	-1.60	0.0	0.0	0.0	0.0
3007	4	36.01	0.0	-3.32e-03	-3.20	0.0	4.04	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.37e-03	0.0	90.0	4.04	-1.60	0.0	0.0	0.0	0.0
3007	5	36.01	0.0	-3.32e-03	-3.20	0.0	4.04	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.37e-03	0.0	90.0	4.04	-1.60	0.0	0.0	0.0	0.0
3008	1	46.81	0.0	4.11e-03	-4.16	0.0	28.55	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	2.99e-03	0.0	90.0	28.55	-2.08	0.0	0.0	0.0	0.0
3008	2	36.01	0.0	3.27e-03	-3.20	0.0	23.24	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	2.43e-03	0.0	90.0	23.24	-1.60	0.0	0.0	0.0	0.0
3008	3	36.01	0.0	3.11e-03	-3.20	0.0	21.37	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	2.24e-03	0.0	90.0	21.37	-1.60	0.0	0.0	0.0	0.0
3008	4	36.01	0.0	2.78e-03	-3.20	0.0	17.54	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	1.87e-03	0.0	90.0	17.54	-1.60	0.0	0.0	0.0	0.0
3008	5	36.01	0.0	2.78e-03	-3.20	0.0	17.54	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	1.87e-03	0.0	90.0	17.54	-1.60	0.0	0.0	0.0	0.0
3009	1	46.81	0.0	-1.82e-03	-4.16	0.0	21.35	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.34e-03	0.0	90.0	21.35	-2.08	0.0	0.0	0.0	0.0
3009	2	36.01	0.0	-1.41e-03	-3.20	0.0	17.47	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.08e-03	0.0	90.0	17.47	-1.60	0.0	0.0	0.0	0.0
3009	3	36.01	0.0	-1.40e-03	-3.20	0.0	15.93	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.01e-03	0.0	90.0	15.93	-1.60	0.0	0.0	0.0	0.0
3009	4	36.01	0.0	-1.38e-03	-3.20	0.0	12.80	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.85e-04	0.0	90.0	12.80	-1.60	0.0	0.0	0.0	0.0
3009	5	36.01	0.0	-1.38e-03	-3.20	0.0	12.80	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.85e-04	0.0	90.0	12.80	-1.60	0.0	0.0	0.0	0.0
3010	1	46.81	0.0	-3.67e-03	-4.16	0.0	9.75	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-9.60e-04	0.0	90.0	9.75	-2.08	0.0	0.0	0.0	0.0
3010	2	36.01	0.0	-2.89e-03	-3.20	0.0	7.82	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.78e-04	0.0	90.0	7.82	-1.60	0.0	0.0	0.0	0.0
3010	3	36.01	0.0	-2.79e-03	-3.20	0.0	7.30	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.18e-04	0.0	90.0	7.30	-1.60	0.0	0.0	0.0	0.0
3010	4	36.01	0.0	-2.61e-03	-3.20	0.0	6.32	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.08e-04	0.0	90.0	6.32	-1.60	0.0	0.0	0.0	0.0
3010	5	36.01	0.0	-2.61e-03	-3.20	0.0	6.32	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.08e-04	0.0	90.0	6.32	-1.60	0.0	0.0	0.0	0.0
3011	1	46.81	0.0	-0.01	-4.16	0.0	11.18	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-5.65e-04	0.0	90.0	11.18	-2.08	0.0	0.0	0.0	0.0
3011	2	36.01	0.0	-0.01	-3.20	0.0	8.98	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.50e-04	0.0	90.0	8.98	-1.60	0.0	0.0	0.0	0.0
3011	3	36.01	0.0	-0.01	-3.20	0.0	8.38	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.28e-04	0.0	90.0	8.38	-1.60	0.0	0.0	0.0	0.0
3011	4	36.01	0.0	-8.68e-03	-3.20	0.0	7.24	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.85e-04	0.0	90.0	7.24	-1.60	0.0	0.0	0.0	0.0
3011	5	36.01	0.0	-8.68e-03	-3.20	0.0	7.24	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.85e-04	0.0	90.0	7.24	-1.60	0.0	0.0	0.0	0.0
3012	1	46.81	0.0	-0.03	-4.16	0.0	-163.06	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	6.30e-04	0.0	90.0	-163.06	-2.08	0.0	0.0	0.0	0.0
3012	2	36.01	0.0	-0.02	-3.20	0.0	-132.09	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	5.06e-04	0.0	90.0	-132.09	-1.60	0.0	0.0	0.0	0.0
3012	3	36.01	0.0	-0.02	-3.20	0.0	-122.51	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	4.78e-04	0.0	90.0	-122.51	-1.60	0.0	0.0	0.0	0.0
3012	4	36.01	0.0	-0.02	-3.20	0.0	-103.20	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	4.30e-04	0.0	90.0	-103.20	-1.60	0.0	0.0	0.0	0.0
3012	5	36.01	0.0	-0.02	-3.20	0.0	-103.20	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	4.30e-04	0.0	90.0	-103.20	-1.60	0.0	0.0	0.0	0.0
3013	1	46.81	0.0	0.02	-4.16	0.0	-204.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.97e-03	0.0	90.0	-204.85	-2.08	0.0	0.0	0.0	0.0
3013	2	36.01	0.0	0.02	-3.20	0.0	-164.72	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.41e-03	0.0	90.0	-164.72	-1.60	0.0	0.0	0.0	0.0
3013	3	36.01	0.0	0.02	-3.20	0.0	-154.41	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.23e-03	0.0	90.0	-154.41	-1.60	0.0	0.0	0.0	0.0
3013	4	36.01	0.0	0.01	-3.20	0.0	-133.82	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.88e-03	0.0	90.0	-133.82	-1.60	0.0	0.0	0.0	0.0
3013	5	36.01	0.0	0.01	-3.20	0.0	-133.82	1.60	0.0	0.0	0.0	0.0



		0.0	0.0	-1.88e-03	0.0	90.0	-133.82	-1.60	0.0	0.0	0.0	0.0
3014	1	46.81	0.0	0.02	-4.16	0.0	321.81	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-6.55e-03	0.0	90.0	321.81	-2.08	0.0	0.0	0.0	0.0
3014	2	36.01	0.0	0.02	-3.20	0.0	259.80	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.27e-03	0.0	90.0	259.80	-1.60	0.0	0.0	0.0	0.0
3014	3	36.01	0.0	0.02	-3.20	0.0	242.22	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.94e-03	0.0	90.0	242.22	-1.60	0.0	0.0	0.0	0.0
3014	4	36.01	0.0	0.01	-3.20	0.0	206.82	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.27e-03	0.0	90.0	206.82	-1.60	0.0	0.0	0.0	0.0
3014	5	36.01	0.0	0.01	-3.20	0.0	206.82	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.27e-03	0.0	90.0	206.82	-1.60	0.0	0.0	0.0	0.0
3015	1	46.81	0.0	4.88e-03	-4.16	0.0	251.67	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-8.98e-04	0.0	90.0	251.67	-2.08	0.0	0.0	0.0	0.0
3015	2	36.01	0.0	4.00e-03	-3.20	0.0	202.59	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.08e-04	0.0	90.0	202.59	-1.60	0.0	0.0	0.0	0.0
3015	3	36.01	0.0	3.65e-03	-3.20	0.0	189.72	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.79e-04	0.0	90.0	189.72	-1.60	0.0	0.0	0.0	0.0
3015	4	36.01	0.0	2.93e-03	-3.20	0.0	163.60	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.31e-04	0.0	90.0	163.60	-1.60	0.0	0.0	0.0	0.0
3015	5	36.01	0.0	2.93e-03	-3.20	0.0	163.60	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.31e-04	0.0	90.0	163.60	-1.60	0.0	0.0	0.0	0.0
3016	1	46.81	0.0	-0.02	-4.16	0.0	253.37	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-4.01e-03	0.0	90.0	253.37	-2.08	0.0	0.0	0.0	0.0
3016	2	36.01	0.0	-0.02	-3.20	0.0	203.94	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.23e-03	0.0	90.0	203.94	-1.60	0.0	0.0	0.0	0.0
3016	3	36.01	0.0	-0.01	-3.20	0.0	191.02	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.02e-03	0.0	90.0	191.02	-1.60	0.0	0.0	0.0	0.0
3016	4	36.01	0.0	-0.01	-3.20	0.0	164.80	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.60e-03	0.0	90.0	164.80	-1.60	0.0	0.0	0.0	0.0
3016	5	36.01	0.0	-0.01	-3.20	0.0	164.80	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.60e-03	0.0	90.0	164.80	-1.60	0.0	0.0	0.0	0.0
3017	1	46.81	0.0	-0.02	-4.16	0.0	286.73	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-5.25e-03	0.0	90.0	286.73	-2.08	0.0	0.0	0.0	0.0
3017	2	36.01	0.0	-0.01	-3.20	0.0	230.62	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.25e-03	0.0	90.0	230.62	-1.60	0.0	0.0	0.0	0.0
3017	3	36.01	0.0	-0.01	-3.20	0.0	216.18	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.95e-03	0.0	90.0	216.18	-1.60	0.0	0.0	0.0	0.0
3017	4	36.01	0.0	-9.93e-03	-3.20	0.0	187.08	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.35e-03	0.0	90.0	187.08	-1.60	0.0	0.0	0.0	0.0
3017	5	36.01	0.0	-9.93e-03	-3.20	0.0	187.08	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.35e-03	0.0	90.0	187.08	-1.60	0.0	0.0	0.0	0.0
3018	1	46.81	0.0	1.18e-03	-4.16	0.0	-2.11	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.0	0.0	90.0	-2.11	-2.08	0.0	0.0	0.0	0.0
3018	2	36.01	0.0	9.44e-04	-3.20	0.0	-1.69	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	1.58e-05	0.0	90.0	-1.69	-1.60	0.0	0.0	0.0	0.0
3018	3	36.01	0.0	8.98e-04	-3.20	0.0	-1.58	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.61e-06	0.0	90.0	-1.58	-1.60	0.0	0.0	0.0	0.0
3018	4	36.01	0.0	-8.66e-04	-3.20	0.0	-1.39	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.08e-05	0.0	90.0	-1.39	-1.60	0.0	0.0	0.0	0.0
3018	5	36.01	0.0	-8.66e-04	-3.20	0.0	-1.39	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.08e-05	0.0	90.0	-1.39	-1.60	0.0	0.0	0.0	0.0
3019	1	46.81	0.0	-1.25e-03	-4.16	0.0	-2.32	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.41e-03	0.0	90.0	-2.32	-2.08	0.0	0.0	0.0	0.0
3019	2	36.01	0.0	-9.50e-04	-3.20	0.0	-1.86	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.13e-03	0.0	90.0	-1.86	-1.60	0.0	0.0	0.0	0.0
3019	3	36.01	0.0	-9.69e-04	-3.20	0.0	-1.74	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.06e-03	0.0	90.0	-1.74	-1.60	0.0	0.0	0.0	0.0
3019	4	36.01	0.0	-1.00e-03	-3.20	0.0	-1.54	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.11e-04	0.0	90.0	-1.54	-1.60	0.0	0.0	0.0	0.0
3019	5	36.01	0.0	-1.00e-03	-3.20	0.0	-1.54	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.11e-04	0.0	90.0	-1.54	-1.60	0.0	0.0	0.0	0.0
3020	1	46.81	0.0	-2.06e-03	-4.16	0.0	-2.48	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.50e-03	0.0	90.0	-2.48	-2.08	0.0	0.0	0.0	0.0
3020	2	36.01	0.0	-1.60e-03	-3.20	0.0	-1.99	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.03e-03	0.0	90.0	-1.99	-1.60	0.0	0.0	0.0	0.0
3020	3	36.01	0.0	-1.58e-03	-3.20	0.0	-1.86	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.89e-03	0.0	90.0	-1.86	-1.60	0.0	0.0	0.0	0.0
3020	4	36.01	0.0	-1.54e-03	-3.20	0.0	-1.64	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.60e-03	0.0	90.0	-1.64	-1.60	0.0	0.0	0.0	0.0
3020	5	36.01	0.0	-1.54e-03	-3.20	0.0	-1.64	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.60e-03	0.0	90.0	-1.64	-1.60	0.0	0.0	0.0	0.0
3021	1	69.92	0.0	3.73e-03	-5.09	0.0	-16.35	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.08	0.0	110.0	-16.35	-2.54	0.0	0.0	0.0	0.0
3021	2	53.79	0.0	3.01e-03	-3.91	0.0	-13.15	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.07	0.0	110.0	-13.15	-1.96	0.0	0.0	0.0	0.0
3021	3	53.79	0.0	2.81e-03	-3.91	0.0	-12.32	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.06	0.0	110.0	-12.32	-1.96	0.0	0.0	0.0	0.0

3021	4	53.79	0.0	2.43e-03	-3.91	0.0	-10.66	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.05	0.0	110.0	-10.66	-1.96	0.0	0.0	0.0	0.0
3021	5	53.79	0.0	2.43e-03	-3.91	0.0	-10.66	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.05	0.0	110.0	-10.66	-1.96	0.0	0.0	0.0	0.0
3022	1	46.81	0.0	-2.17e-03	-4.16	0.0	-2.59	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.01e-04	0.0	90.0	-2.59	-2.08	0.0	0.0	0.0	0.0
3022	2	36.01	0.0	-1.70e-03	-3.20	0.0	-2.08	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.10e-05	0.0	90.0	-2.08	-1.60	0.0	0.0	0.0	0.0
3022	3	36.01	0.0	-1.66e-03	-3.20	0.0	-1.94	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.16e-05	0.0	90.0	-1.94	-1.60	0.0	0.0	0.0	0.0
3022	4	36.01	0.0	-1.60e-03	-3.20	0.0	-1.71	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.31e-05	0.0	90.0	-1.71	-1.60	0.0	0.0	0.0	0.0
3022	5	36.01	0.0	-1.60e-03	-3.20	0.0	-1.71	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.31e-05	0.0	90.0	-1.71	-1.60	0.0	0.0	0.0	0.0
3023	1	46.81	0.0	4.39e-03	-4.16	0.0	-2.65	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	1.94e-03	0.0	90.0	-2.65	-2.08	0.0	0.0	0.0	0.0
3023	2	36.01	0.0	3.52e-03	-3.20	0.0	-2.12	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	1.57e-03	0.0	90.0	-2.12	-1.60	0.0	0.0	0.0	0.0
3023	3	36.01	0.0	3.31e-03	-3.20	0.0	-1.99	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	1.44e-03	0.0	90.0	-1.99	-1.60	0.0	0.0	0.0	0.0
3023	4	36.01	0.0	2.89e-03	-3.20	0.0	-1.75	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	1.20e-03	0.0	90.0	-1.75	-1.60	0.0	0.0	0.0	0.0
3023	5	36.01	0.0	2.89e-03	-3.20	0.0	-1.75	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	1.20e-03	0.0	90.0	-1.75	-1.60	0.0	0.0	0.0	0.0
3024	1	46.81	0.0	-1.69e-03	-4.16	0.0	-2.63	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.34e-03	0.0	90.0	-2.63	-2.08	0.0	0.0	0.0	0.0
3024	2	36.01	0.0	-1.30e-03	-3.20	0.0	-2.11	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.88e-03	0.0	90.0	-2.11	-1.60	0.0	0.0	0.0	0.0
3024	3	36.01	0.0	-1.30e-03	-3.20	0.0	-1.97	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.76e-03	0.0	90.0	-1.97	-1.60	0.0	0.0	0.0	0.0
3024	4	36.01	0.0	-1.29e-03	-3.20	0.0	-1.74	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.52e-03	0.0	90.0	-1.74	-1.60	0.0	0.0	0.0	0.0
3024	5	36.01	0.0	-1.29e-03	-3.20	0.0	-1.74	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.52e-03	0.0	90.0	-1.74	-1.60	0.0	0.0	0.0	0.0
3025	1	46.81	0.0	-3.20e-03	-4.16	0.0	-2.47	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-5.40e-03	0.0	90.0	-2.47	-2.08	0.0	0.0	0.0	0.0
3025	2	36.01	0.0	-2.52e-03	-3.20	0.0	-1.98	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.35e-03	0.0	90.0	-1.98	-1.60	0.0	0.0	0.0	0.0
3025	3	36.01	0.0	-2.44e-03	-3.20	0.0	-1.85	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.06e-03	0.0	90.0	-1.85	-1.60	0.0	0.0	0.0	0.0
3025	4	36.01	0.0	-2.27e-03	-3.20	0.0	-1.63	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.48e-03	0.0	90.0	-1.63	-1.60	0.0	0.0	0.0	0.0
3025	5	36.01	0.0	-2.27e-03	-3.20	0.0	-1.63	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.48e-03	0.0	90.0	-1.63	-1.60	0.0	0.0	0.0	0.0
3026	1	46.81	0.0	-5.66e-03	-4.16	0.0	-2.12	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-7.29e-03	0.0	90.0	-2.12	-2.08	0.0	0.0	0.0	0.0
3026	2	36.01	0.0	-4.52e-03	-3.20	0.0	-1.70	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.89e-03	0.0	90.0	-1.70	-1.60	0.0	0.0	0.0	0.0
3026	3	36.01	0.0	-4.28e-03	-3.20	0.0	-1.60	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.49e-03	0.0	90.0	-1.60	-1.60	0.0	0.0	0.0	0.0
3026	4	36.01	0.0	-3.82e-03	-3.20	0.0	-1.41	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.68e-03	0.0	90.0	-1.41	-1.60	0.0	0.0	0.0	0.0
3026	5	36.01	0.0	-3.82e-03	-3.20	0.0	-1.41	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.68e-03	0.0	90.0	-1.41	-1.60	0.0	0.0	0.0	0.0
3027	1	46.81	0.0	-0.01	-4.16	0.0	-1.59	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-6.55e-03	0.0	90.0	-1.59	-2.08	0.0	0.0	0.0	0.0
3027	2	36.01	0.0	-9.76e-03	-3.20	0.0	-1.27	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.28e-03	0.0	90.0	-1.27	-1.60	0.0	0.0	0.0	0.0
3027	3	36.01	0.0	-9.21e-03	-3.20	0.0	-1.19	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.92e-03	0.0	90.0	-1.19	-1.60	0.0	0.0	0.0	0.0
3027	4	36.01	0.0	-8.11e-03	-3.20	0.0	-1.05	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.23e-03	0.0	90.0	-1.05	-1.60	0.0	0.0	0.0	0.0
3027	5	36.01	0.0	-8.11e-03	-3.20	0.0	-1.05	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.23e-03	0.0	90.0	-1.05	-1.60	0.0	0.0	0.0	0.0
3028	1	46.81	0.0	-0.04	-4.16	0.0	-0.83	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	-0.83	-2.08	0.0	0.0	0.0	0.0
3028	2	36.01	0.0	-0.03	-3.20	0.0	-0.67	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.85e-03	0.0	90.0	-0.67	-1.60	0.0	0.0	0.0	0.0
3028	3	36.01	0.0	-0.03	-3.20	0.0	-0.62	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.22e-03	0.0	90.0	-0.62	-1.60	0.0	0.0	0.0	0.0
3028	4	36.01	0.0	-0.03	-3.20	0.0	-0.55	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.93e-03	0.0	90.0	-0.55	-1.60	0.0	0.0	0.0	0.0
3028	5	36.01	0.0	-0.03	-3.20	0.0	-0.55	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.93e-03	0.0	90.0	-0.55	-1.60	0.0	0.0	0.0	0.0
3029	1	46.81	0.0	4.22e-03	-4.16	0.0	-29.53	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-5.40e-03	0.0	90.0	-29.53	-2.08	0.0	0.0	0.0	0.0
3029	2	36.01	0.0	3.37e-03	-3.20	0.0	-23.84	1.60	0.0	0.0	0.0	0.0

		0.0	0.0	-4.36e-03	0.0	90.0	-23.84	-1.60	0.0	0.0	0.0	0.0
3029	3	36.01	0.0	3.21e-03	-3.20	0.0	-22.05	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.06e-03	0.0	90.0	-22.05	-1.60	0.0	0.0	0.0	0.0
3029	4	36.01	0.0	2.86e-03	-3.20	0.0	-17.69	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.49e-03	0.0	90.0	-17.69	-1.60	0.0	0.0	0.0	0.0
3029	5	36.01	0.0	2.86e-03	-3.20	0.0	-17.69	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.49e-03	0.0	90.0	-17.69	-1.60	0.0	0.0	0.0	0.0
3030	1	46.81	0.0	-1.18e-03	-4.16	0.0	3.70	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.70e-03	0.0	90.0	3.70	-2.08	0.0	0.0	0.0	0.0
3030	2	36.01	0.0	-8.90e-04	-3.20	0.0	2.84	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.37e-03	0.0	90.0	2.84	-1.60	0.0	0.0	0.0	0.0
3030	3	36.01	0.0	-9.17e-04	-3.20	0.0	1.98	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.28e-03	0.0	90.0	1.98	-1.60	0.0	0.0	0.0	0.0
3030	4	36.01	0.0	-9.54e-04	-3.20	0.0	2.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.09e-03	0.0	90.0	2.77	-1.60	0.0	0.0	0.0	0.0
3030	5	36.01	0.0	-9.54e-04	-3.20	0.0	2.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.09e-03	0.0	90.0	2.77	-1.60	0.0	0.0	0.0	0.0
3031	1	46.81	0.0	-3.28e-03	-4.16	0.0	12.01	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	1.94e-03	0.0	90.0	12.01	-2.08	0.0	0.0	0.0	0.0
3031	2	36.01	0.0	-2.58e-03	-3.20	0.0	9.54	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	1.57e-03	0.0	90.0	9.54	-1.60	0.0	0.0	0.0	0.0
3031	3	36.01	0.0	-2.51e-03	-3.20	0.0	8.55	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	1.45e-03	0.0	90.0	8.55	-1.60	0.0	0.0	0.0	0.0
3031	4	36.01	0.0	-2.35e-03	-3.20	0.0	8.23	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	1.19e-03	0.0	90.0	8.23	-1.60	0.0	0.0	0.0	0.0
3031	5	36.01	0.0	-2.35e-03	-3.20	0.0	8.23	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	1.19e-03	0.0	90.0	8.23	-1.60	0.0	0.0	0.0	0.0
3032	1	46.81	0.0	-4.23e-03	-4.16	0.0	-5.83	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.38e-03	0.0	90.0	-5.83	-2.08	0.0	0.0	0.0	0.0
3032	2	36.01	0.0	-3.38e-03	-3.20	0.0	-4.78	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.11e-03	0.0	90.0	-4.78	-1.60	0.0	0.0	0.0	0.0
3032	3	36.01	0.0	-3.17e-03	-3.20	0.0	-4.47	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.04e-03	0.0	90.0	-4.47	-1.60	0.0	0.0	0.0	0.0
3032	4	36.01	0.0	-2.84e-03	-3.20	0.0	-3.37	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.85e-04	0.0	90.0	-3.37	-1.60	0.0	0.0	0.0	0.0
3032	5	36.01	0.0	-2.84e-03	-3.20	0.0	-3.37	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.85e-04	0.0	90.0	-3.37	-1.60	0.0	0.0	0.0	0.0
3034	1	46.81	0.0	-0.01	-4.16	0.0	0.53	2.08	0.0	-3.94	0.0	0.0
		0.0	0.0	-2.75e-03	0.0	90.0	0.53	-2.08	0.0	-3.94	0.0	0.0
3034	2	36.01	0.0	-0.01	-3.20	0.0	0.43	1.60	0.0	-3.14	0.0	0.0
		0.0	0.0	-2.22e-03	0.0	90.0	0.43	-1.60	0.0	-3.14	0.0	0.0
3034	3	36.01	0.0	-9.68e-03	-3.20	0.0	0.40	1.60	0.0	-2.99	0.0	0.0
		0.0	0.0	-2.07e-03	0.0	90.0	0.40	-1.60	0.0	-2.99	0.0	0.0
3034	4	36.01	0.0	-8.44e-03	-3.20	0.0	0.34	1.60	0.0	-2.68	0.0	0.0
		0.0	0.0	-1.77e-03	0.0	90.0	0.34	-1.60	0.0	-2.68	0.0	0.0
3034	5	36.01	0.0	-8.44e-03	-3.20	0.0	0.34	1.60	0.0	-2.68	0.0	0.0
		0.0	0.0	-1.77e-03	0.0	90.0	0.34	-1.60	0.0	-2.68	0.0	0.0
3035	1	46.81	0.0	-0.02	-4.16	0.0	3.26	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.98e-03	0.0	90.0	3.26	-2.08	0.0	0.0	0.0	0.0
3035	2	36.01	0.0	-0.01	-3.20	0.0	2.61	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.60e-03	0.0	90.0	2.61	-1.60	0.0	0.0	0.0	0.0
3035	3	36.01	0.0	-0.01	-3.20	0.0	2.46	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.49e-03	0.0	90.0	2.46	-1.60	0.0	0.0	0.0	0.0
3035	4	36.01	0.0	-0.01	-3.20	0.0	2.14	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.26e-03	0.0	90.0	2.14	-1.60	0.0	0.0	0.0	0.0
3035	5	36.01	0.0	-0.01	-3.20	0.0	2.14	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.26e-03	0.0	90.0	2.14	-1.60	0.0	0.0	0.0	0.0
3036	1	69.92	0.0	0.02	-5.09	0.0	-86.31	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-3.69e-03	0.0	110.0	-86.31	-2.54	0.0	0.0	0.0	0.0
3036	2	53.79	0.0	0.02	-3.91	0.0	-69.54	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.97e-03	0.0	110.0	-69.54	-1.96	0.0	0.0	0.0	0.0
3036	3	53.79	0.0	0.02	-3.91	0.0	-64.99	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.78e-03	0.0	110.0	-64.99	-1.96	0.0	0.0	0.0	0.0
3036	4	53.79	0.0	0.01	-3.91	0.0	-55.95	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.41e-03	0.0	110.0	-55.95	-1.96	0.0	0.0	0.0	0.0
3036	5	53.79	0.0	0.01	-3.91	0.0	-55.95	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.41e-03	0.0	110.0	-55.95	-1.96	0.0	0.0	0.0	0.0
3037	1	390.63	1.19	-0.11	-12.02	0.0	10.50	6.01	0.01	2.01	-2.01	0.0
		0.0	-2.01	-7.44e-03	0.0	260.0	10.50	-6.01	0.01	2.01	1.19	0.0
3037	2	300.49	0.95	-0.09	-9.25	0.0	8.51	4.62	9.88e-03	1.62	-1.62	0.0
		0.0	-1.62	-6.00e-03	0.0	260.0	8.51	-4.62	9.88e-03	1.62	0.95	0.0
3037	3	300.49	0.89	-0.09	-9.25	0.0	7.91	4.62	9.23e-03	1.52	-1.51	0.0
		0.0	-1.51	-5.60e-03	0.0	260.0	7.91	-4.62	9.23e-03	1.52	0.89	0.0
3037	4	300.49	0.78	-0.09	-9.25	0.0	6.65	4.62	8.02e-03	1.31	-1.31	0.0
		0.0	-1.31	-4.83e-03	0.0	260.0	6.65	-4.62	8.02e-03	1.31	0.78	0.0
3037	5	300.49	0.78	-0.09	-9.25	0.0	6.65	4.62	8.02e-03	1.31	-1.31	0.0
		0.0	-1.31	-4.83e-03	0.0	260.0	6.65	-4.62	8.02e-03	1.31	0.78	0.0

3038	1	390.63	1.31	-0.11	-12.02	0.0	-2.62	6.01	0.01	2.01	-1.89	0.0
		0.0	-1.89	-7.43e-03	0.0	260.0	-2.62	-6.01	0.01	2.01	1.31	0.0
3038	2	300.49	1.05	-0.09	-9.25	0.0	-2.08	4.62	9.91e-03	1.62	-1.52	0.0
		0.0	-1.52	-5.99e-03	0.0	260.0	-2.08	-4.62	9.91e-03	1.62	1.05	0.0
3038	3	300.49	0.98	-0.09	-9.25	0.0	-1.95	4.62	9.25e-03	1.52	-1.42	0.0
		0.0	-1.42	-5.59e-03	0.0	260.0	-1.95	-4.62	9.25e-03	1.52	0.98	0.0
3038	4	300.49	0.86	-0.09	-9.25	0.0	-1.75	4.62	8.04e-03	1.31	-1.23	0.0
		0.0	-1.23	-4.82e-03	0.0	260.0	-1.75	-4.62	8.04e-03	1.31	0.86	0.0
3038	5	300.49	0.86	-0.09	-9.25	0.0	-1.75	4.62	8.04e-03	1.31	-1.23	0.0
		0.0	-1.23	-4.82e-03	0.0	260.0	-1.75	-4.62	8.04e-03	1.31	0.86	0.0
3039	1	390.63	1.76	-0.11	-12.02	0.0	-0.82	6.01	0.01	2.06	-1.88	0.0
		0.0	-1.88	-7.44e-03	0.0	260.0	-0.82	-6.01	0.01	2.06	1.76	0.0
3039	2	300.49	1.42	-0.09	-9.25	0.0	-0.70	4.62	0.01	1.66	-1.51	0.0
		0.0	-1.51	-6.00e-03	0.0	260.0	-0.70	-4.62	0.01	1.66	1.42	0.0
3039	3	300.49	1.33	-0.09	-9.25	0.0	-0.68	4.62	0.01	1.56	-1.41	0.0
		0.0	-1.41	-5.60e-03	0.0	260.0	-0.68	-4.62	0.01	1.56	1.33	0.0
3039	4	300.49	1.16	-0.09	-9.25	0.0	-0.63	4.62	9.16e-03	1.34	-1.22	0.0
		0.0	-1.22	-4.83e-03	0.0	260.0	-0.63	-4.62	9.16e-03	1.34	1.16	0.0
3039	5	300.49	1.16	-0.09	-9.25	0.0	-0.63	4.62	9.16e-03	1.34	-1.22	0.0
		0.0	-1.22	-4.83e-03	0.0	260.0	-0.63	-4.62	9.16e-03	1.34	1.16	0.0
3040	1	390.63	1.96	-0.11	-12.02	0.0	-1.30	6.01	0.02	2.11	-2.12	0.0
		0.0	-2.12	-7.52e-03	0.0	260.0	-1.30	-6.01	0.02	2.11	1.96	0.0
3040	2	300.49	1.58	-0.09	-9.25	0.0	-1.04	4.62	0.01	1.70	-1.71	0.0
		0.0	-1.71	-6.06e-03	0.0	260.0	-1.04	-4.62	0.01	1.70	1.58	0.0
3040	3	300.49	1.48	-0.09	-9.25	0.0	-1.00	4.62	0.01	1.60	-1.60	0.0
		0.0	-1.60	-5.66e-03	0.0	260.0	-1.00	-4.62	0.01	1.60	1.48	0.0
3040	4	300.49	1.28	-0.09	-9.25	0.0	-0.88	4.62	0.01	1.37	-1.38	0.0
		0.0	-1.38	-4.87e-03	0.0	260.0	-0.88	-4.62	0.01	1.37	1.28	0.0
3040	5	300.49	1.28	-0.09	-9.25	0.0	-0.88	4.62	0.01	1.37	-1.38	0.0
		0.0	-1.38	-4.87e-03	0.0	260.0	-0.88	-4.62	0.01	1.37	1.28	0.0
3041	1	390.63	1.49	-0.11	-12.02	0.0	-1.39	6.01	0.01	2.09	-1.59	0.0
		0.0	-1.59	-7.36e-03	0.0	260.0	-1.39	-6.01	0.01	2.09	1.49	0.0
3041	2	300.49	1.20	-0.08	-9.25	0.0	-1.12	4.62	9.59e-03	1.68	-1.29	0.0
		0.0	-1.29	-5.94e-03	0.0	260.0	-1.12	-4.62	9.59e-03	1.68	1.20	0.0
3041	3	300.49	1.12	-0.08	-9.25	0.0	-1.07	4.62	8.94e-03	1.58	-1.20	0.0
		0.0	-1.20	-5.54e-03	0.0	260.0	-1.07	-4.62	8.94e-03	1.58	1.12	0.0
3041	4	300.49	0.96	-0.08	-9.25	0.0	-0.93	4.62	7.66e-03	1.36	-1.03	0.0
		0.0	-1.03	-4.77e-03	0.0	260.0	-0.93	-4.62	7.66e-03	1.36	0.96	0.0
3041	5	300.49	0.96	-0.08	-9.25	0.0	-0.93	4.62	7.66e-03	1.36	-1.03	0.0
		0.0	-1.03	-4.77e-03	0.0	260.0	-0.93	-4.62	7.66e-03	1.36	0.96	0.0
3054	1	69.92	0.0	-0.07	-5.09	0.0	-506.51	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-2.79e-03	0.0	110.0	-506.51	-2.54	0.0	0.0	0.0	0.0
3054	2	53.79	0.0	-0.06	-3.91	0.0	-408.63	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.24e-03	0.0	110.0	-408.63	-1.96	0.0	0.0	0.0	0.0
3054	3	53.79	0.0	-0.05	-3.91	0.0	-381.16	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.10e-03	0.0	110.0	-381.16	-1.96	0.0	0.0	0.0	0.0
3054	4	53.79	0.0	-0.05	-3.91	0.0	-325.90	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.80e-03	0.0	110.0	-325.90	-1.96	0.0	0.0	0.0	0.0
3054	5	53.79	0.0	-0.05	-3.91	0.0	-325.90	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.80e-03	0.0	110.0	-325.90	-1.96	0.0	0.0	0.0	0.0
3055	1	69.92	0.0	0.07	-5.09	0.0	-523.05	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-2.74e-03	0.0	110.0	-523.05	-2.54	0.0	0.0	0.0	0.0
3055	2	53.79	0.0	0.06	-3.91	0.0	-421.83	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.22e-03	0.0	110.0	-421.83	-1.96	0.0	0.0	0.0	0.0
3055	3	53.79	0.0	0.05	-3.91	0.0	-393.84	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.07e-03	0.0	110.0	-393.84	-1.96	0.0	0.0	0.0	0.0
3055	4	53.79	0.0	0.05	-3.91	0.0	-338.13	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.79e-03	0.0	110.0	-338.13	-1.96	0.0	0.0	0.0	0.0
3055	5	53.79	0.0	0.05	-3.91	0.0	-338.13	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.79e-03	0.0	110.0	-338.13	-1.96	0.0	0.0	0.0	0.0
3056	1	390.63	1.03	-0.11	-12.02	0.0	-8.16	6.01	8.13e-03	1.98	-1.08	0.0
		0.0	-1.08	-7.25e-03	0.0	260.0	-8.16	-6.01	8.13e-03	1.98	1.03	0.0
3056	2	300.49	0.84	-0.08	-9.25	0.0	-6.60	4.62	6.60e-03	1.60	-0.88	0.0
		0.0	-0.88	-5.84e-03	0.0	260.0	-6.60	-4.62	6.60e-03	1.60	0.84	0.0
3056	3	300.49	0.78	-0.08	-9.25	0.0	-6.19	4.62	6.12e-03	1.51	-0.81	0.0
		0.0	-0.81	-5.45e-03	0.0	260.0	-6.19	-4.62	6.12e-03	1.51	0.78	0.0
3056	4	300.49	0.66	-0.08	-9.25	0.0	-5.25	4.62	5.23e-03	1.29	-0.70	0.0
		0.0	-0.70	-4.69e-03	0.0	260.0	-5.25	-4.62	5.23e-03	1.29	0.66	0.0
3056	5	300.49	0.66	-0.08	-9.25	0.0	-5.25	4.62	5.23e-03	1.29	-0.70	0.0
		0.0	-0.70	-4.69e-03	0.0	260.0	-5.25	-4.62	5.23e-03	1.29	0.66	0.0
3057	1	390.63	0.25	-0.11	-12.02	0.0	0.70	6.01	6.07e-04	0.98	0.09	0.0
		0.0	0.09	-7.05e-03	0.0	260.0	0.70	-6.01	6.07e-04	0.98	0.25	0.0
3057	2	300.49	0.21	-0.09	-9.25	0.0	0.56	4.62	5.53e-04	0.79	0.07	0.0
		0.0	0.07	-5.69e-03	0.0	260.0	0.56	-4.62	5.53e-04	0.79	0.21	0.0
3057	3	300.49	0.18	-0.09	-9.25	0.0	0.54	4.62	4.17e-04	0.75	0.08	0.0
		0.0	0.08	-5.31e-03	0.0	260.0	0.54	-4.62	4.17e-04	0.75	0.18	0.0
3057	4	300.49	0.15	-0.09	-9.25	0.0	0.49	4.62	2.79e-04	0.64	0.07	0.0



		0.0	0.07	-4.56e-03	0.0	260.0	0.49	-4.62	2.79e-04	0.64	0.15	0.0
3057	5	300.49	0.15	-0.09	-9.25	0.0	0.49	4.62	2.79e-04	0.64	0.07	0.0
		0.0	0.07	-4.56e-03	0.0	260.0	0.49	-4.62	2.79e-04	0.64	0.15	0.0
3058	1	390.63	0.34	-0.11	-12.02	0.0	6.23	6.01	1.76e-04	1.09	0.29	0.0
		0.0	0.29	-7.04e-03	0.0	260.0	6.23	-6.01	1.76e-04	1.09	0.34	0.0
3058	2	300.49	0.28	-0.09	-9.25	0.0	5.05	4.62	2.23e-04	0.87	0.22	0.0
		0.0	0.22	-5.68e-03	0.0	260.0	5.05	-4.62	2.23e-04	0.87	0.28	0.0
3058	3	300.49	0.25	-0.09	-9.25	0.0	4.65	4.62	1.06e-04	0.83	0.22	0.0
		0.0	0.22	-5.30e-03	0.0	260.0	4.65	-4.62	1.06e-04	0.83	0.25	0.0
3058	4	300.49	0.20	-0.09	-9.25	0.0	3.91	4.62	-2.29e-05	0.71	0.20	0.0
		0.0	0.20	-4.55e-03	0.0	260.0	3.91	-4.62	-2.29e-05	0.71	0.20	0.0
3058	5	300.49	0.20	-0.09	-9.25	0.0	3.91	4.62	-2.29e-05	0.71	0.20	0.0
		0.0	0.20	-4.55e-03	0.0	260.0	3.91	-4.62	-2.29e-05	0.71	0.20	0.0
3059	1	69.92	0.0	-0.03	-5.09	0.0	-126.88	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-2.25e-03	0.0	110.0	-126.88	-2.54	0.0	0.0	0.0	0.0
3059	2	53.79	0.0	-0.02	-3.91	0.0	-102.19	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.81e-03	0.0	110.0	-102.19	-1.96	0.0	0.0	0.0	0.0
3059	3	53.79	0.0	-0.02	-3.91	0.0	-95.50	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.69e-03	0.0	110.0	-95.50	-1.96	0.0	0.0	0.0	0.0
3059	4	53.79	0.0	-0.02	-3.91	0.0	-82.33	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.45e-03	0.0	110.0	-82.33	-1.96	0.0	0.0	0.0	0.0
3059	5	53.79	0.0	-0.02	-3.91	0.0	-82.33	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.45e-03	0.0	110.0	-82.33	-1.96	0.0	0.0	0.0	0.0
3063	1	46.81	0.0	-1.00e-02	-4.16	0.0	0.66	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-3.03e-03	0.0	90.0	0.66	-2.08	0.0	0.0	0.0	0.0
3063	2	36.01	0.0	-8.04e-03	-3.20	0.0	0.44	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.44e-03	0.0	90.0	0.44	-1.60	0.0	0.0	0.0	0.0
3063	3	36.01	0.0	-7.53e-03	-3.20	0.0	0.54	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.28e-03	0.0	90.0	0.54	-1.60	0.0	0.0	0.0	0.0
3063	4	36.01	0.0	-6.52e-03	-3.20	0.0	0.67	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.95e-03	0.0	90.0	0.67	-1.60	0.0	0.0	0.0	0.0
3063	5	36.01	0.0	-6.52e-03	-3.20	0.0	0.67	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.95e-03	0.0	90.0	0.67	-1.60	0.0	0.0	0.0	0.0
3064	1	46.81	0.0	-0.01	-4.16	0.0	2.52	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.65e-03	0.0	90.0	2.52	-2.08	0.0	0.0	0.0	0.0
3064	2	36.01	0.0	-0.01	-3.20	0.0	1.94	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.33e-03	0.0	90.0	1.94	-1.60	0.0	0.0	0.0	0.0
3064	3	36.01	0.0	-9.92e-03	-3.20	0.0	1.94	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.24e-03	0.0	90.0	1.94	-1.60	0.0	0.0	0.0	0.0
3064	4	36.01	0.0	-8.48e-03	-3.20	0.0	1.91	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.07e-03	0.0	90.0	1.91	-1.60	0.0	0.0	0.0	0.0
3064	5	36.01	0.0	-8.48e-03	-3.20	0.0	1.91	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.07e-03	0.0	90.0	1.91	-1.60	0.0	0.0	0.0	0.0
3065	1	46.81	0.0	1.29e-03	-4.16	0.0	98.97	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.22e-03	0.0	90.0	98.97	-2.08	0.0	0.0	0.0	0.0
3065	2	36.01	0.0	9.74e-04	-3.20	0.0	80.14	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.73e-04	0.0	90.0	80.14	-1.60	0.0	0.0	0.0	0.0
3065	3	36.01	0.0	1.01e-03	-3.20	0.0	74.38	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.27e-04	0.0	90.0	74.38	-1.60	0.0	0.0	0.0	0.0
3065	4	36.01	0.0	1.07e-03	-3.20	0.0	62.94	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.32e-04	0.0	90.0	62.94	-1.60	0.0	0.0	0.0	0.0
3065	5	36.01	0.0	1.07e-03	-3.20	0.0	62.94	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.32e-04	0.0	90.0	62.94	-1.60	0.0	0.0	0.0	0.0
3066	1	46.81	0.0	-1.92e-03	-4.16	0.0	87.61	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.30e-03	0.0	90.0	87.61	-2.08	0.0	0.0	0.0	0.0
3066	2	36.01	0.0	-1.49e-03	-3.20	0.0	70.96	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.04e-03	0.0	90.0	70.96	-1.60	0.0	0.0	0.0	0.0
3066	3	36.01	0.0	-1.47e-03	-3.20	0.0	65.86	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.80e-04	0.0	90.0	65.86	-1.60	0.0	0.0	0.0	0.0
3066	4	36.01	0.0	-1.42e-03	-3.20	0.0	55.70	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.57e-04	0.0	90.0	55.70	-1.60	0.0	0.0	0.0	0.0
3066	5	36.01	0.0	-1.42e-03	-3.20	0.0	55.70	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.57e-04	0.0	90.0	55.70	-1.60	0.0	0.0	0.0	0.0
3067	1	46.81	0.0	-1.35e-03	-4.16	0.0	49.32	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.29e-03	0.0	90.0	49.32	-2.08	0.0	0.0	0.0	0.0
3067	2	36.01	0.0	-1.01e-03	-3.20	0.0	39.54	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.85e-03	0.0	90.0	39.54	-1.60	0.0	0.0	0.0	0.0
3067	3	36.01	0.0	-1.04e-03	-3.20	0.0	37.25	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.72e-03	0.0	90.0	37.25	-1.60	0.0	0.0	0.0	0.0
3067	4	36.01	0.0	-1.12e-03	-3.20	0.0	32.60	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.46e-03	0.0	90.0	32.60	-1.60	0.0	0.0	0.0	0.0
3067	5	36.01	0.0	-1.12e-03	-3.20	0.0	32.60	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.46e-03	0.0	90.0	32.60	-1.60	0.0	0.0	0.0	0.0
3068	1	46.81	0.0	-0.01	-4.16	0.0	40.14	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-8.86e-03	0.0	90.0	40.14	-2.08	0.0	0.0	0.0	0.0
3068	2	36.01	0.0	-9.13e-03	-3.20	0.0	32.14	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.17e-03	0.0	90.0	32.14	-1.60	0.0	0.0	0.0	0.0

3068	3	36.01	0.0	-8.53e-03	-3.20	0.0	30.32	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.65e-03	0.0	90.0	30.32	-1.60	0.0	0.0	0.0	0.0
3068	4	36.01	0.0	-7.35e-03	-3.20	0.0	26.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.63e-03	0.0	90.0	26.77	-1.60	0.0	0.0	0.0	0.0
3068	5	36.01	0.0	-7.35e-03	-3.20	0.0	26.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.63e-03	0.0	90.0	26.77	-1.60	0.0	0.0	0.0	0.0
3069	1	46.81	0.0	8.85e-03	-4.16	0.0	120.17	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	6.03e-03	0.0	90.0	120.17	-2.08	0.0	0.0	0.0	0.0
3069	2	36.01	0.0	7.10e-03	-3.20	0.0	97.15	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	4.90e-03	0.0	90.0	97.15	-1.60	0.0	0.0	0.0	0.0
3069	3	36.01	0.0	6.69e-03	-3.20	0.0	90.22	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	4.53e-03	0.0	90.0	90.22	-1.60	0.0	0.0	0.0	0.0
3069	4	36.01	0.0	5.85e-03	-3.20	0.0	76.53	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	3.78e-03	0.0	90.0	76.53	-1.60	0.0	0.0	0.0	0.0
3069	5	36.01	0.0	5.85e-03	-3.20	0.0	76.53	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	3.78e-03	0.0	90.0	76.53	-1.60	0.0	0.0	0.0	0.0
3070	1	46.81	0.0	1.65e-03	-4.16	0.0	97.10	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.45e-03	0.0	90.0	97.10	-2.08	0.0	0.0	0.0	0.0
3070	2	36.01	0.0	1.33e-03	-3.20	0.0	78.58	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.17e-03	0.0	90.0	78.58	-1.60	0.0	0.0	0.0	0.0
3070	3	36.01	0.0	1.24e-03	-3.20	0.0	72.93	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.09e-03	0.0	90.0	72.93	-1.60	0.0	0.0	0.0	0.0
3070	4	36.01	0.0	1.07e-03	-3.20	0.0	61.68	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.53e-04	0.0	90.0	61.68	-1.60	0.0	0.0	0.0	0.0
3070	5	36.01	0.0	1.07e-03	-3.20	0.0	61.68	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.53e-04	0.0	90.0	61.68	-1.60	0.0	0.0	0.0	0.0
3071	1	46.81	0.0	1.53e-03	-4.16	0.0	45.38	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.92e-03	0.0	90.0	45.38	-2.08	0.0	0.0	0.0	0.0
3071	2	36.01	0.0	1.26e-03	-3.20	0.0	36.36	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.56e-03	0.0	90.0	36.36	-1.60	0.0	0.0	0.0	0.0
3071	3	36.01	0.0	1.13e-03	-3.20	0.0	34.19	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.44e-03	0.0	90.0	34.19	-1.60	0.0	0.0	0.0	0.0
3071	4	36.01	0.0	8.73e-04	-3.20	0.0	29.93	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.20e-03	0.0	90.0	29.93	-1.60	0.0	0.0	0.0	0.0
3071	5	36.01	0.0	8.73e-04	-3.20	0.0	29.93	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.20e-03	0.0	90.0	29.93	-1.60	0.0	0.0	0.0	0.0
3072	1	46.81	0.0	-0.01	-4.16	0.0	40.54	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	6.17e-04	0.0	90.0	40.54	-2.08	0.0	0.0	0.0	0.0
3072	2	36.01	0.0	-9.52e-03	-3.20	0.0	32.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	5.04e-04	0.0	90.0	32.43	-1.60	0.0	0.0	0.0	0.0
3072	3	36.01	0.0	-8.90e-03	-3.20	0.0	30.54	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	4.60e-04	0.0	90.0	30.54	-1.60	0.0	0.0	0.0	0.0
3072	4	36.01	0.0	-7.66e-03	-3.20	0.0	26.79	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	3.77e-04	0.0	90.0	26.79	-1.60	0.0	0.0	0.0	0.0
3072	5	36.01	0.0	-7.66e-03	-3.20	0.0	26.79	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	3.77e-04	0.0	90.0	26.79	-1.60	0.0	0.0	0.0	0.0
3073	1	46.81	0.0	5.79e-03	-4.16	0.0	213.10	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	9.87e-04	0.0	90.0	213.10	-2.08	0.0	0.0	0.0	0.0
3073	2	36.01	0.0	4.63e-03	-3.20	0.0	171.85	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	7.91e-04	0.0	90.0	171.85	-1.60	0.0	0.0	0.0	0.0
3073	3	36.01	0.0	4.38e-03	-3.20	0.0	160.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	7.48e-04	0.0	90.0	160.42	-1.60	0.0	0.0	0.0	0.0
3073	4	36.01	0.0	3.88e-03	-3.20	0.0	137.41	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	6.68e-04	0.0	90.0	137.41	-1.60	0.0	0.0	0.0	0.0
3073	5	36.01	0.0	3.88e-03	-3.20	0.0	137.41	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	6.68e-04	0.0	90.0	137.41	-1.60	0.0	0.0	0.0	0.0
3074	1	46.81	0.0	1.75e-03	-4.16	0.0	180.00	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-3.64e-03	0.0	90.0	180.00	-2.08	0.0	0.0	0.0	0.0
3074	2	36.01	0.0	1.40e-03	-3.20	0.0	145.23	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.94e-03	0.0	90.0	145.23	-1.60	0.0	0.0	0.0	0.0
3074	3	36.01	0.0	1.32e-03	-3.20	0.0	135.41	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.74e-03	0.0	90.0	135.41	-1.60	0.0	0.0	0.0	0.0
3074	4	36.01	0.0	1.15e-03	-3.20	0.0	115.93	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.36e-03	0.0	90.0	115.93	-1.60	0.0	0.0	0.0	0.0
3074	5	36.01	0.0	1.15e-03	-3.20	0.0	115.93	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.36e-03	0.0	90.0	115.93	-1.60	0.0	0.0	0.0	0.0
3075	1	46.81	0.0	1.23e-03	-4.16	0.0	154.79	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-6.23e-03	0.0	90.0	154.79	-2.08	0.0	0.0	0.0	0.0
3075	2	36.01	0.0	1.01e-03	-3.20	0.0	125.06	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.01e-03	0.0	90.0	125.06	-1.60	0.0	0.0	0.0	0.0
3075	3	36.01	0.0	9.19e-04	-3.20	0.0	116.37	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.69e-03	0.0	90.0	116.37	-1.60	0.0	0.0	0.0	0.0
3075	4	36.01	0.0	-8.95e-04	-3.20	0.0	99.18	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.05e-03	0.0	90.0	99.18	-1.60	0.0	0.0	0.0	0.0
3075	5	36.01	0.0	-8.95e-04	-3.20	0.0	99.18	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.05e-03	0.0	90.0	99.18	-1.60	0.0	0.0	0.0	0.0
3076	1	46.81	0.0	-1.85e-03	-4.16	0.0	113.71	2.08	0.0	0.0	0.0	0.0



		0.0	0.0	-2.34e-03	0.0	90.0	113.71	-2.08	0.0	0.0	0.0	0.0
3076	2	36.01	0.0	-1.40e-03	-3.20	0.0	91.56	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.88e-03	0.0	90.0	91.56	-1.60	0.0	0.0	0.0	0.0
3076	3	36.01	0.0	-1.44e-03	-3.20	0.0	85.68	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.76e-03	0.0	90.0	85.68	-1.60	0.0	0.0	0.0	0.0
3076	4	36.01	0.0	-1.53e-03	-3.20	0.0	73.85	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.53e-03	0.0	90.0	73.85	-1.60	0.0	0.0	0.0	0.0
3076	5	36.01	0.0	-1.53e-03	-3.20	0.0	73.85	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.53e-03	0.0	90.0	73.85	-1.60	0.0	0.0	0.0	0.0
3077	1	46.81	0.0	-0.02	-4.16	0.0	119.82	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.56e-03	0.0	90.0	119.82	-2.08	0.0	0.0	0.0	0.0
3077	2	36.01	0.0	-0.02	-3.20	0.0	96.49	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.26e-03	0.0	90.0	96.49	-1.60	0.0	0.0	0.0	0.0
3077	3	36.01	0.0	-0.02	-3.20	0.0	90.29	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.18e-03	0.0	90.0	90.29	-1.60	0.0	0.0	0.0	0.0
3077	4	36.01	0.0	-0.02	-3.20	0.0	77.79	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.02e-03	0.0	90.0	77.79	-1.60	0.0	0.0	0.0	0.0
3077	5	36.01	0.0	-0.02	-3.20	0.0	77.79	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.02e-03	0.0	90.0	77.79	-1.60	0.0	0.0	0.0	0.0
3078	1	46.81	0.0	-0.02	-4.16	0.0	359.05	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	359.05	-2.08	0.0	0.0	0.0	0.0
3078	2	36.01	0.0	-0.02	-3.20	0.0	289.06	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.65e-03	0.0	90.0	289.06	-1.60	0.0	0.0	0.0	0.0
3078	3	36.01	0.0	-0.02	-3.20	0.0	270.47	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.00e-03	0.0	90.0	270.47	-1.60	0.0	0.0	0.0	0.0
3078	4	36.01	0.0	-0.01	-3.20	0.0	233.39	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.70e-03	0.0	90.0	233.39	-1.60	0.0	0.0	0.0	0.0
3078	5	36.01	0.0	-0.01	-3.20	0.0	233.39	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.70e-03	0.0	90.0	233.39	-1.60	0.0	0.0	0.0	0.0
3079	1	46.81	0.0	-0.01	-4.16	0.0	6.30	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-3.21e-03	0.0	90.0	6.30	-2.08	0.0	0.0	0.0	0.0
3079	2	36.01	0.0	-8.24e-03	-3.20	0.0	5.08	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.59e-03	0.0	90.0	5.08	-1.60	0.0	0.0	0.0	0.0
3079	3	36.01	0.0	-7.69e-03	-3.20	0.0	4.75	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.41e-03	0.0	90.0	4.75	-1.60	0.0	0.0	0.0	0.0
3079	4	36.01	0.0	-6.60e-03	-3.20	0.0	4.09	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.07e-03	0.0	90.0	4.09	-1.60	0.0	0.0	0.0	0.0
3079	5	36.01	0.0	-6.60e-03	-3.20	0.0	4.09	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.07e-03	0.0	90.0	4.09	-1.60	0.0	0.0	0.0	0.0
3080	1	46.81	0.0	-6.52e-03	-4.16	0.0	12.64	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.73e-03	0.0	90.0	12.64	-2.08	0.0	0.0	0.0	0.0
3080	2	36.01	0.0	-5.27e-03	-3.20	0.0	10.18	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.39e-03	0.0	90.0	10.18	-1.60	0.0	0.0	0.0	0.0
3080	3	36.01	0.0	-4.90e-03	-3.20	0.0	9.52	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.30e-03	0.0	90.0	9.52	-1.60	0.0	0.0	0.0	0.0
3080	4	36.01	0.0	-4.16e-03	-3.20	0.0	8.20	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.12e-03	0.0	90.0	8.20	-1.60	0.0	0.0	0.0	0.0
3080	5	36.01	0.0	-4.16e-03	-3.20	0.0	8.20	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.12e-03	0.0	90.0	8.20	-1.60	0.0	0.0	0.0	0.0
3081	1	46.81	0.0	-1.53e-03	-4.16	0.0	19.04	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-9.65e-04	0.0	90.0	19.04	-2.08	0.0	0.0	0.0	0.0
3081	2	36.01	0.0	-1.19e-03	-3.20	0.0	15.34	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.67e-04	0.0	90.0	15.34	-1.60	0.0	0.0	0.0	0.0
3081	3	36.01	0.0	-1.17e-03	-3.20	0.0	14.34	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.34e-04	0.0	90.0	14.34	-1.60	0.0	0.0	0.0	0.0
3081	4	36.01	0.0	-1.14e-03	-3.20	0.0	12.35	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.65e-04	0.0	90.0	12.35	-1.60	0.0	0.0	0.0	0.0
3081	5	36.01	0.0	-1.14e-03	-3.20	0.0	12.35	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.65e-04	0.0	90.0	12.35	-1.60	0.0	0.0	0.0	0.0
3082	1	46.81	0.0	-2.04e-03	-4.16	0.0	25.52	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.30e-03	0.0	90.0	25.52	-2.08	0.0	0.0	0.0	0.0
3082	2	36.01	0.0	-1.59e-03	-3.20	0.0	20.55	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.04e-03	0.0	90.0	20.55	-1.60	0.0	0.0	0.0	0.0
3082	3	36.01	0.0	-1.56e-03	-3.20	0.0	19.22	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.79e-04	0.0	90.0	19.22	-1.60	0.0	0.0	0.0	0.0
3082	4	36.01	0.0	-1.51e-03	-3.20	0.0	16.55	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.57e-04	0.0	90.0	16.55	-1.60	0.0	0.0	0.0	0.0
3082	5	36.01	0.0	-1.51e-03	-3.20	0.0	16.55	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.57e-04	0.0	90.0	16.55	-1.60	0.0	0.0	0.0	0.0
3083	1	69.92	0.0	-9.45e-03	-5.09	0.0	-0.02	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	-0.02	-2.54	0.0	0.0	0.0	0.0
3083	2	53.79	0.0	-7.54e-03	-3.91	0.0	-0.02	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	-0.02	-1.96	0.0	0.0	0.0	0.0
3083	3	53.79	0.0	-7.15e-03	-3.91	0.0	-0.02	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-0.02	-1.96	0.0	0.0	0.0	0.0
3083	4	53.79	0.0	-6.40e-03	-3.91	0.0	-0.01	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-0.01	-1.96	0.0	0.0	0.0	0.0

3083	5	53.79	0.0	-6.40e-03	-3.91	0.0	-0.01	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-0.01	-1.96	0.0	0.0	0.0	0.0
3084	1	69.92	0.0	-5.00e-03	-5.09	0.0	8.34e-03	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-0.03	0.0	110.0	8.34e-03	-2.54	0.0	0.0	0.0	0.0
3084	2	53.79	0.0	-3.90e-03	-3.91	0.0	6.75e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	6.75e-03	-1.96	0.0	0.0	0.0	0.0
3084	3	53.79	0.0	-3.82e-03	-3.91	0.0	6.27e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	6.27e-03	-1.96	0.0	0.0	0.0	0.0
3084	4	53.79	0.0	-3.67e-03	-3.91	0.0	5.31e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	5.31e-03	-1.96	0.0	0.0	0.0	0.0
3084	5	53.79	0.0	-3.67e-03	-3.91	0.0	5.31e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	5.31e-03	-1.96	0.0	0.0	0.0	0.0
3085	1	69.92	0.0	2.70e-03	-5.09	0.0	9.34e-03	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.08	0.0	110.0	9.34e-03	-2.54	0.0	0.0	0.0	0.0
3085	2	53.79	0.0	2.18e-03	-3.91	0.0	7.53e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.07	0.0	110.0	7.53e-03	-1.96	0.0	0.0	0.0	0.0
3085	3	53.79	0.0	2.03e-03	-3.91	0.0	7.03e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.06	0.0	110.0	7.03e-03	-1.96	0.0	0.0	0.0	0.0
3085	4	53.79	0.0	-1.95e-03	-3.91	0.0	6.02e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.05	0.0	110.0	6.02e-03	-1.96	0.0	0.0	0.0	0.0
3085	5	53.79	0.0	-1.95e-03	-3.91	0.0	6.02e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.05	0.0	110.0	6.02e-03	-1.96	0.0	0.0	0.0	0.0
3086	1	69.92	0.0	-0.02	-5.09	0.0	0.08	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	0.08	-2.54	0.0	0.0	0.0	0.0
3086	2	53.79	0.0	-0.01	-3.91	0.0	0.07	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	0.07	-1.96	0.0	0.0	0.0	0.0
3086	3	53.79	0.0	-0.01	-3.91	0.0	0.06	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	0.06	-1.96	0.0	0.0	0.0	0.0
3086	4	53.79	0.0	-0.01	-3.91	0.0	0.05	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-8.91e-03	0.0	110.0	0.05	-1.96	0.0	0.0	0.0	0.0
3086	5	53.79	0.0	-0.01	-3.91	0.0	0.05	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-8.91e-03	0.0	110.0	0.05	-1.96	0.0	0.0	0.0	0.0
3087	1	69.92	0.0	0.02	-5.09	0.0	0.09	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.16	0.0	110.0	0.09	-2.54	0.0	0.0	0.0	0.0
3087	2	53.79	0.0	0.01	-3.91	0.0	0.07	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.13	0.0	110.0	0.07	-1.96	0.0	0.0	0.0	0.0
3087	3	53.79	0.0	0.01	-3.91	0.0	0.07	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.12	0.0	110.0	0.07	-1.96	0.0	0.0	0.0	0.0
3087	4	53.79	0.0	0.01	-3.91	0.0	0.06	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.10	0.0	110.0	0.06	-1.96	0.0	0.0	0.0	0.0
3087	5	53.79	0.0	0.01	-3.91	0.0	0.06	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.10	0.0	110.0	0.06	-1.96	0.0	0.0	0.0	0.0
3088	1	69.92	0.0	-0.07	-5.09	0.0	-381.06	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-2.90e-03	0.0	110.0	-381.06	-2.54	0.0	0.0	0.0	0.0
3088	2	53.79	0.0	-0.06	-3.91	0.0	-307.41	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.34e-03	0.0	110.0	-307.41	-1.96	0.0	0.0	0.0	0.0
3088	3	53.79	0.0	-0.05	-3.91	0.0	-286.64	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.19e-03	0.0	110.0	-286.64	-1.96	0.0	0.0	0.0	0.0
3088	4	53.79	0.0	-0.04	-3.91	0.0	-245.25	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.87e-03	0.0	110.0	-245.25	-1.96	0.0	0.0	0.0	0.0
3088	5	53.79	0.0	-0.04	-3.91	0.0	-245.25	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.87e-03	0.0	110.0	-245.25	-1.96	0.0	0.0	0.0	0.0
3089	1	69.92	0.0	0.07	-5.09	0.0	-387.37	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-2.72e-03	0.0	110.0	-387.37	-2.54	0.0	0.0	0.0	0.0
3089	2	53.79	0.0	0.06	-3.91	0.0	-312.49	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.20e-03	0.0	110.0	-312.49	-1.96	0.0	0.0	0.0	0.0
3089	3	53.79	0.0	0.05	-3.91	0.0	-291.30	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.05e-03	0.0	110.0	-291.30	-1.96	0.0	0.0	0.0	0.0
3089	4	53.79	0.0	0.04	-3.91	0.0	-249.41	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.76e-03	0.0	110.0	-249.41	-1.96	0.0	0.0	0.0	0.0
3089	5	53.79	0.0	0.04	-3.91	0.0	-249.41	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.76e-03	0.0	110.0	-249.41	-1.96	0.0	0.0	0.0	0.0
3098	1	46.81	0.0	-2.35e-03	-4.16	0.0	32.05	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.45e-03	0.0	90.0	32.05	-2.08	0.0	0.0	0.0	0.0
3098	2	36.01	0.0	-1.83e-03	-3.20	0.0	25.82	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.98e-03	0.0	90.0	25.82	-1.60	0.0	0.0	0.0	0.0
3098	3	36.01	0.0	-1.80e-03	-3.20	0.0	24.14	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.84e-03	0.0	90.0	24.14	-1.60	0.0	0.0	0.0	0.0
3098	4	36.01	0.0	-1.74e-03	-3.20	0.0	20.79	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.56e-03	0.0	90.0	20.79	-1.60	0.0	0.0	0.0	0.0
3098	5	36.01	0.0	-1.74e-03	-3.20	0.0	20.79	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.56e-03	0.0	90.0	20.79	-1.60	0.0	0.0	0.0	0.0
3099	1	46.81	0.0	1.23e-03	-4.16	0.0	38.65	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-8.94e-03	0.0	90.0	38.65	-2.08	0.0	0.0	0.0	0.0
3099	2	36.01	0.0	9.90e-04	-3.20	0.0	31.13	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.24e-03	0.0	90.0	31.13	-1.60	0.0	0.0	0.0	0.0
3099	3	36.01	0.0	9.26e-04	-3.20	0.0	29.11	1.60	0.0	0.0	0.0	0.0

		0.0	0.0	-6.72e-03	0.0	90.0	29.11	-1.60	0.0	0.0	0.0	0.0
3099	4	36.01	0.0	-8.69e-04	-3.20	0.0	25.06	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.68e-03	0.0	90.0	25.06	-1.60	0.0	0.0	0.0	0.0
3099	5	36.01	0.0	-8.69e-04	-3.20	0.0	25.06	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.68e-03	0.0	90.0	25.06	-1.60	0.0	0.0	0.0	0.0
3100	1	46.81	0.0	-1.58e-03	-4.16	0.0	45.28	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	6.28e-03	0.0	90.0	45.28	-2.08	0.0	0.0	0.0	0.0
3100	2	36.01	0.0	-1.22e-03	-3.20	0.0	36.48	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	5.10e-03	0.0	90.0	36.48	-1.60	0.0	0.0	0.0	0.0
3100	3	36.01	0.0	-1.21e-03	-3.20	0.0	34.11	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	4.71e-03	0.0	90.0	34.11	-1.60	0.0	0.0	0.0	0.0
3100	4	36.01	0.0	-1.19e-03	-3.20	0.0	29.36	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	3.95e-03	0.0	90.0	29.36	-1.60	0.0	0.0	0.0	0.0
3100	5	36.01	0.0	-1.19e-03	-3.20	0.0	29.36	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	3.95e-03	0.0	90.0	29.36	-1.60	0.0	0.0	0.0	0.0
3101	1	46.81	0.0	-1.39e-03	-4.16	0.0	51.90	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.45e-03	0.0	90.0	51.90	-2.08	0.0	0.0	0.0	0.0
3101	2	36.01	0.0	-1.06e-03	-3.20	0.0	41.81	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.17e-03	0.0	90.0	41.81	-1.60	0.0	0.0	0.0	0.0
3101	3	36.01	0.0	-1.07e-03	-3.20	0.0	39.09	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.09e-03	0.0	90.0	39.09	-1.60	0.0	0.0	0.0	0.0
3101	4	36.01	0.0	-1.10e-03	-3.20	0.0	33.65	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.53e-04	0.0	90.0	33.65	-1.60	0.0	0.0	0.0	0.0
3101	5	36.01	0.0	-1.10e-03	-3.20	0.0	33.65	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.53e-04	0.0	90.0	33.65	-1.60	0.0	0.0	0.0	0.0
3102	1	46.81	0.0	-1.96e-03	-4.16	0.0	58.48	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.05e-03	0.0	90.0	58.48	-2.08	0.0	0.0	0.0	0.0
3102	2	36.01	0.0	-1.51e-03	-3.20	0.0	47.11	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.66e-03	0.0	90.0	47.11	-1.60	0.0	0.0	0.0	0.0
3102	3	36.01	0.0	-1.50e-03	-3.20	0.0	44.04	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.53e-03	0.0	90.0	44.04	-1.60	0.0	0.0	0.0	0.0
3102	4	36.01	0.0	-1.49e-03	-3.20	0.0	37.91	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.29e-03	0.0	90.0	37.91	-1.60	0.0	0.0	0.0	0.0
3102	5	36.01	0.0	-1.49e-03	-3.20	0.0	37.91	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.29e-03	0.0	90.0	37.91	-1.60	0.0	0.0	0.0	0.0
3103	1	69.92	0.0	0.02	-5.09	0.0	-11.23	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.05	0.0	110.0	-11.23	-2.54	0.0	0.0	0.0	0.0
3103	2	53.79	0.0	0.02	-3.91	0.0	-9.04	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.04	0.0	110.0	-9.04	-1.96	0.0	0.0	0.0	0.0
3103	3	53.79	0.0	0.01	-3.91	0.0	-8.47	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.04	0.0	110.0	-8.47	-1.96	0.0	0.0	0.0	0.0
3103	4	53.79	0.0	0.01	-3.91	0.0	-7.32	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.03	0.0	110.0	-7.32	-1.96	0.0	0.0	0.0	0.0
3103	5	53.79	0.0	0.01	-3.91	0.0	-7.32	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.03	0.0	110.0	-7.32	-1.96	0.0	0.0	0.0	0.0
3104	1	46.81	0.0	-2.55e-03	-4.16	0.0	64.99	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	4.80e-04	0.0	90.0	64.99	-2.08	0.0	0.0	0.0	0.0
3104	2	36.01	0.0	-2.00e-03	-3.20	0.0	52.35	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	3.94e-04	0.0	90.0	52.35	-1.60	0.0	0.0	0.0	0.0
3104	3	36.01	0.0	-1.94e-03	-3.20	0.0	48.95	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	3.57e-04	0.0	90.0	48.95	-1.60	0.0	0.0	0.0	0.0
3104	4	36.01	0.0	-1.83e-03	-3.20	0.0	42.13	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	2.89e-04	0.0	90.0	42.13	-1.60	0.0	0.0	0.0	0.0
3104	5	36.01	0.0	-1.83e-03	-3.20	0.0	42.13	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	2.89e-04	0.0	90.0	42.13	-1.60	0.0	0.0	0.0	0.0
3105	1	46.81	0.0	4.17e-03	-4.16	0.0	71.41	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	1.24e-03	0.0	90.0	71.41	-2.08	0.0	0.0	0.0	0.0
3105	2	36.01	0.0	3.34e-03	-3.20	0.0	57.53	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	9.96e-04	0.0	90.0	57.53	-1.60	0.0	0.0	0.0	0.0
3105	3	36.01	0.0	3.15e-03	-3.20	0.0	53.78	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	9.40e-04	0.0	90.0	53.78	-1.60	0.0	0.0	0.0	0.0
3105	4	36.01	0.0	2.76e-03	-3.20	0.0	46.29	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	8.34e-04	0.0	90.0	46.29	-1.60	0.0	0.0	0.0	0.0
3105	5	36.01	0.0	2.76e-03	-3.20	0.0	46.29	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	8.34e-04	0.0	90.0	46.29	-1.60	0.0	0.0	0.0	0.0
3106	1	46.81	0.0	-1.79e-03	-4.16	0.0	77.75	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-3.64e-03	0.0	90.0	77.75	-2.08	0.0	0.0	0.0	0.0
3106	2	36.01	0.0	-1.38e-03	-3.20	0.0	62.64	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.94e-03	0.0	90.0	62.64	-1.60	0.0	0.0	0.0	0.0
3106	3	36.01	0.0	-1.37e-03	-3.20	0.0	58.55	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.74e-03	0.0	90.0	58.55	-1.60	0.0	0.0	0.0	0.0
3106	4	36.01	0.0	-1.35e-03	-3.20	0.0	50.39	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.36e-03	0.0	90.0	50.39	-1.60	0.0	0.0	0.0	0.0
3106	5	36.01	0.0	-1.35e-03	-3.20	0.0	50.39	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.36e-03	0.0	90.0	50.39	-1.60	0.0	0.0	0.0	0.0
3117	1	46.81	0.0	-2.52e-03	-4.16	0.0	84.00	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-6.22e-03	0.0	90.0	84.00	-2.08	0.0	0.0	0.0	0.0

3117	2	36.01	0.0	-1.97e-03	-3.20	0.0	67.67	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.01e-03	0.0	90.0	67.67	-1.60	0.0	0.0	0.0	0.0
3117	3	36.01	0.0	-1.93e-03	-3.20	0.0	63.26	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.69e-03	0.0	90.0	63.26	-1.60	0.0	0.0	0.0	0.0
3117	4	36.01	0.0	-1.84e-03	-3.20	0.0	54.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.04e-03	0.0	90.0	54.43	-1.60	0.0	0.0	0.0	0.0
3117	5	36.01	0.0	-1.84e-03	-3.20	0.0	54.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.04e-03	0.0	90.0	54.43	-1.60	0.0	0.0	0.0	0.0
3118	1	46.81	0.0	-3.27e-03	-4.16	0.0	90.15	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.43e-03	0.0	90.0	90.15	-2.08	0.0	0.0	0.0	0.0
3118	2	36.01	0.0	-2.56e-03	-3.20	0.0	72.63	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.95e-03	0.0	90.0	72.63	-1.60	0.0	0.0	0.0	0.0
3118	3	36.01	0.0	-2.49e-03	-3.20	0.0	67.89	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.83e-03	0.0	90.0	67.89	-1.60	0.0	0.0	0.0	0.0
3118	4	36.01	0.0	-2.36e-03	-3.20	0.0	58.41	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.59e-03	0.0	90.0	58.41	-1.60	0.0	0.0	0.0	0.0
3118	5	36.01	0.0	-2.36e-03	-3.20	0.0	58.41	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.59e-03	0.0	90.0	58.41	-1.60	0.0	0.0	0.0	0.0
3119	1	46.81	0.0	-0.01	-4.16	0.0	96.20	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.76e-03	0.0	90.0	96.20	-2.08	0.0	0.0	0.0	0.0
3119	2	36.01	0.0	-8.97e-03	-3.20	0.0	77.51	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.41e-03	0.0	90.0	77.51	-1.60	0.0	0.0	0.0	0.0
3119	3	36.01	0.0	-8.43e-03	-3.20	0.0	72.44	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.32e-03	0.0	90.0	72.44	-1.60	0.0	0.0	0.0	0.0
3119	4	36.01	0.0	-7.36e-03	-3.20	0.0	62.32	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.14e-03	0.0	90.0	62.32	-1.60	0.0	0.0	0.0	0.0
3119	5	36.01	0.0	-7.36e-03	-3.20	0.0	62.32	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.14e-03	0.0	90.0	62.32	-1.60	0.0	0.0	0.0	0.0
3120	1	46.81	0.0	-0.08	-4.16	0.0	102.45	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	102.45	-2.08	0.0	0.0	0.0	0.0
3120	2	36.01	0.0	-0.07	-3.20	0.0	82.55	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	82.55	-1.60	0.0	0.0	0.0	0.0
3120	3	36.01	0.0	-0.06	-3.20	0.0	77.15	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	77.15	-1.60	0.0	0.0	0.0	0.0
3120	4	36.01	0.0	-0.05	-3.20	0.0	66.35	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.63e-03	0.0	90.0	66.35	-1.60	0.0	0.0	0.0	0.0
3120	5	36.01	0.0	-0.05	-3.20	0.0	66.35	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.63e-03	0.0	90.0	66.35	-1.60	0.0	0.0	0.0	0.0
3122	1	69.92	0.0	0.02	-5.09	0.0	-0.48	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.05	0.0	110.0	-0.48	-2.54	0.0	0.0	0.0	0.0
3122	2	53.79	0.0	0.02	-3.91	0.0	-0.39	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.04	0.0	110.0	-0.39	-1.96	0.0	0.0	0.0	0.0
3122	3	53.79	0.0	0.02	-3.91	0.0	-0.36	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.04	0.0	110.0	-0.36	-1.96	0.0	0.0	0.0	0.0
3122	4	53.79	0.0	0.01	-3.91	0.0	-0.32	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.03	0.0	110.0	-0.32	-1.96	0.0	0.0	0.0	0.0
3122	5	53.79	0.0	0.01	-3.91	0.0	-0.32	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.03	0.0	110.0	-0.32	-1.96	0.0	0.0	0.0	0.0
3141	1	69.92	0.0	6.60e-03	-5.09	0.0	-0.02	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.22	0.0	110.0	-0.02	-2.54	0.0	0.0	0.0	0.0
3141	2	53.79	0.0	5.31e-03	-3.91	0.0	-0.01	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.17	0.0	110.0	-0.01	-1.96	0.0	0.0	0.0	0.0
3141	3	53.79	0.0	4.97e-03	-3.91	0.0	-0.01	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.16	0.0	110.0	-0.01	-1.96	0.0	0.0	0.0	0.0
3141	4	53.79	0.0	4.29e-03	-3.91	0.0	-0.01	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.14	0.0	110.0	-0.01	-1.96	0.0	0.0	0.0	0.0
3141	5	53.79	0.0	4.29e-03	-3.91	0.0	-0.01	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.14	0.0	110.0	-0.01	-1.96	0.0	0.0	0.0	0.0
3146	1	69.92	0.0	4.32e-03	-5.09	0.0	-18.17	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.22	0.0	110.0	-18.17	-2.54	0.0	0.0	0.0	0.0
3146	2	53.79	0.0	3.46e-03	-3.91	0.0	-14.61	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.17	0.0	110.0	-14.61	-1.96	0.0	0.0	0.0	0.0
3146	3	53.79	0.0	3.26e-03	-3.91	0.0	-13.69	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.16	0.0	110.0	-13.69	-1.96	0.0	0.0	0.0	0.0
3146	4	53.79	0.0	2.84e-03	-3.91	0.0	-11.86	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.14	0.0	110.0	-11.86	-1.96	0.0	0.0	0.0	0.0
3146	5	53.79	0.0	2.84e-03	-3.91	0.0	-11.86	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.14	0.0	110.0	-11.86	-1.96	0.0	0.0	0.0	0.0
3147	1	69.92	0.0	-9.51e-03	-5.09	0.0	-14.45	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	-14.45	-2.54	0.0	0.0	0.0	0.0
3147	2	53.79	0.0	-7.58e-03	-3.91	0.0	-11.60	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	-11.60	-1.96	0.0	0.0	0.0	0.0
3147	3	53.79	0.0	-7.20e-03	-3.91	0.0	-10.90	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-10.90	-1.96	0.0	0.0	0.0	0.0
3147	4	53.79	0.0	-6.49e-03	-3.91	0.0	-9.48	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-9.48	-1.96	0.0	0.0	0.0	0.0
3147	5	53.79	0.0	-6.49e-03	-3.91	0.0	-9.48	1.96	0.0	0.0	0.0	0.0

		0.0	0.0	-0.01	0.0	110.0	-9.48	-1.96	0.0	0.0	0.0	0.0
3152	1	69.92	0.0	8.78e-03	-5.09	0.0	-0.02	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.22	0.0	110.0	-0.02	-2.54	0.0	0.0	0.0	0.0
3152	2	53.79	0.0	7.07e-03	-3.91	0.0	-0.02	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.17	0.0	110.0	-0.02	-1.96	0.0	0.0	0.0	0.0
3152	3	53.79	0.0	6.61e-03	-3.91	0.0	-0.02	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.16	0.0	110.0	-0.02	-1.96	0.0	0.0	0.0	0.0
3152	4	53.79	0.0	5.68e-03	-3.91	0.0	-0.02	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.14	0.0	110.0	-0.02	-1.96	0.0	0.0	0.0	0.0
3152	5	53.79	0.0	5.68e-03	-3.91	0.0	-0.02	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.14	0.0	110.0	-0.02	-1.96	0.0	0.0	0.0	0.0
3153	1	69.92	0.0	-9.17e-03	-5.09	0.0	-0.02	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	-0.02	-2.54	0.0	0.0	0.0	0.0
3153	2	53.79	0.0	-7.32e-03	-3.91	0.0	-0.02	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	-0.02	-1.96	0.0	0.0	0.0	0.0
3153	3	53.79	0.0	-6.94e-03	-3.91	0.0	-0.02	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-0.02	-1.96	0.0	0.0	0.0	0.0
3153	4	53.79	0.0	-6.24e-03	-3.91	0.0	-0.01	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-0.01	-1.96	0.0	0.0	0.0	0.0
3153	5	53.79	0.0	-6.24e-03	-3.91	0.0	-0.01	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-0.01	-1.96	0.0	0.0	0.0	0.0
3158	1	69.92	0.0	-5.01e-03	-5.09	0.0	-13.48	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-0.03	0.0	110.0	-13.48	-2.54	0.0	0.0	0.0	0.0
3158	2	53.79	0.0	-3.91e-03	-3.91	0.0	-10.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	-10.85	-1.96	0.0	0.0	0.0	0.0
3158	3	53.79	0.0	-3.83e-03	-3.91	0.0	-10.15	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	-10.15	-1.96	0.0	0.0	0.0	0.0
3158	4	53.79	0.0	-3.68e-03	-3.91	0.0	-8.77	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	-8.77	-1.96	0.0	0.0	0.0	0.0
3158	5	53.79	0.0	-3.68e-03	-3.91	0.0	-8.77	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	-8.77	-1.96	0.0	0.0	0.0	0.0
3159	1	69.92	0.0	3.44e-03	-5.09	0.0	-16.65	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.08	0.0	110.0	-16.65	-2.54	0.0	0.0	0.0	0.0
3159	2	53.79	0.0	2.77e-03	-3.91	0.0	-13.41	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.07	0.0	110.0	-13.41	-1.96	0.0	0.0	0.0	0.0
3159	3	53.79	0.0	2.59e-03	-3.91	0.0	-12.54	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.06	0.0	110.0	-12.54	-1.96	0.0	0.0	0.0	0.0
3159	4	53.79	0.0	2.24e-03	-3.91	0.0	-10.81	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.05	0.0	110.0	-10.81	-1.96	0.0	0.0	0.0	0.0
3159	5	53.79	0.0	2.24e-03	-3.91	0.0	-10.81	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.05	0.0	110.0	-10.81	-1.96	0.0	0.0	0.0	0.0
3160	1	69.92	0.0	-9.67e-03	-5.09	0.0	-21.43	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	-21.43	-2.54	0.0	0.0	0.0	0.0
3160	2	53.79	0.0	-7.72e-03	-3.91	0.0	-17.25	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	-17.25	-1.96	0.0	0.0	0.0	0.0
3160	3	53.79	0.0	-7.32e-03	-3.91	0.0	-16.15	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-16.15	-1.96	0.0	0.0	0.0	0.0
3160	4	53.79	0.0	-6.56e-03	-3.91	0.0	-13.95	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-13.95	-1.96	0.0	0.0	0.0	0.0
3160	5	53.79	0.0	-6.56e-03	-3.91	0.0	-13.95	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-13.95	-1.96	0.0	0.0	0.0	0.0
3161	1	69.92	0.0	0.01	-5.09	0.0	-26.36	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.21	0.0	110.0	-26.36	-2.54	0.0	0.0	0.0	0.0
3161	2	53.79	0.0	9.93e-03	-3.91	0.0	-21.22	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.17	0.0	110.0	-21.22	-1.96	0.0	0.0	0.0	0.0
3161	3	53.79	0.0	9.29e-03	-3.91	0.0	-19.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.16	0.0	110.0	-19.85	-1.96	0.0	0.0	0.0	0.0
3161	4	53.79	0.0	8.02e-03	-3.91	0.0	-17.11	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.14	0.0	110.0	-17.11	-1.96	0.0	0.0	0.0	0.0
3161	5	53.79	0.0	8.02e-03	-3.91	0.0	-17.11	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.14	0.0	110.0	-17.11	-1.96	0.0	0.0	0.0	0.0
3162	1	69.92	0.0	-0.07	-5.09	0.0	-500.03	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-3.63e-03	0.0	110.0	-500.03	-2.54	0.0	0.0	0.0	0.0
3162	2	53.79	0.0	-0.05	-3.91	0.0	-403.48	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.93e-03	0.0	110.0	-403.48	-1.96	0.0	0.0	0.0	0.0
3162	3	53.79	0.0	-0.05	-3.91	0.0	-376.17	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.74e-03	0.0	110.0	-376.17	-1.96	0.0	0.0	0.0	0.0
3162	4	53.79	0.0	-0.04	-3.91	0.0	-321.73	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.35e-03	0.0	110.0	-321.73	-1.96	0.0	0.0	0.0	0.0
3162	5	53.79	0.0	-0.04	-3.91	0.0	-321.73	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.35e-03	0.0	110.0	-321.73	-1.96	0.0	0.0	0.0	0.0
3163	1	69.92	0.0	0.07	-5.09	0.0	-508.14	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-1.89e-03	0.0	110.0	-508.14	-2.54	0.0	0.0	0.0	0.0
3163	2	53.79	0.0	0.06	-3.91	0.0	-409.96	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.52e-03	0.0	110.0	-409.96	-1.96	0.0	0.0	0.0	0.0
3163	3	53.79	0.0	0.06	-3.91	0.0	-382.66	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.44e-03	0.0	110.0	-382.66	-1.96	0.0	0.0	0.0	0.0

3163	4	53.79	0.0	0.05	-3.91	0.0	-327.70	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.23e-03	0.0	110.0	-327.70	-1.96	0.0	0.0	0.0	0.0
3163	5	53.79	0.0	0.05	-3.91	0.0	-327.70	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.23e-03	0.0	110.0	-327.70	-1.96	0.0	0.0	0.0	0.0
3176	1	69.92	0.0	-0.01	-5.09	0.0	-25.04	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	-25.04	-2.54	0.0	0.0	0.0	0.0
3176	2	53.79	0.0	-8.52e-03	-3.91	0.0	-20.19	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	-20.19	-1.96	0.0	0.0	0.0	0.0
3176	3	53.79	0.0	-8.03e-03	-3.91	0.0	-18.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-18.85	-1.96	0.0	0.0	0.0	0.0
3176	4	53.79	0.0	-7.12e-03	-3.91	0.0	-16.19	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-16.19	-1.96	0.0	0.0	0.0	0.0
3176	5	53.79	0.0	-7.12e-03	-3.91	0.0	-16.19	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-16.19	-1.96	0.0	0.0	0.0	0.0
3177	1	69.92	0.0	0.01	-5.09	0.0	-25.66	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.21	0.0	110.0	-25.66	-2.54	0.0	0.0	0.0	0.0
3177	2	53.79	0.0	0.01	-3.91	0.0	-20.63	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.17	0.0	110.0	-20.63	-1.96	0.0	0.0	0.0	0.0
3177	3	53.79	0.0	0.01	-3.91	0.0	-19.34	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.16	0.0	110.0	-19.34	-1.96	0.0	0.0	0.0	0.0
3177	4	53.79	0.0	8.68e-03	-3.91	0.0	-16.74	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.14	0.0	110.0	-16.74	-1.96	0.0	0.0	0.0	0.0
3177	5	53.79	0.0	8.68e-03	-3.91	0.0	-16.74	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.14	0.0	110.0	-16.74	-1.96	0.0	0.0	0.0	0.0
3182	1	69.92	0.0	9.46e-03	-5.09	0.0	-0.03	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.21	0.0	110.0	-0.03	-2.54	0.0	0.0	0.0	0.0
3182	2	53.79	0.0	7.62e-03	-3.91	0.0	-0.02	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.17	0.0	110.0	-0.02	-1.96	0.0	0.0	0.0	0.0
3182	3	53.79	0.0	7.12e-03	-3.91	0.0	-0.02	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.16	0.0	110.0	-0.02	-1.96	0.0	0.0	0.0	0.0
3182	4	53.79	0.0	6.12e-03	-3.91	0.0	-0.02	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.14	0.0	110.0	-0.02	-1.96	0.0	0.0	0.0	0.0
3182	5	53.79	0.0	6.12e-03	-3.91	0.0	-0.02	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.14	0.0	110.0	-0.02	-1.96	0.0	0.0	0.0	0.0
3183	1	69.92	0.0	-8.45e-03	-5.09	0.0	-19.05	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	-19.05	-2.54	0.0	0.0	0.0	0.0
3183	2	53.79	0.0	-6.71e-03	-3.91	0.0	-15.33	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	-15.33	-1.96	0.0	0.0	0.0	0.0
3183	3	53.79	0.0	-6.41e-03	-3.91	0.0	-14.35	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-14.35	-1.96	0.0	0.0	0.0	0.0
3183	4	53.79	0.0	-5.82e-03	-3.91	0.0	-12.38	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-12.38	-1.96	0.0	0.0	0.0	0.0
3183	5	53.79	0.0	-5.82e-03	-3.91	0.0	-12.38	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-12.38	-1.96	0.0	0.0	0.0	0.0
3188	1	69.92	0.0	0.01	-5.09	0.0	-0.02	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.21	0.0	110.0	-0.02	-2.54	0.0	0.0	0.0	0.0
3188	2	53.79	0.0	8.62e-03	-3.91	0.0	-0.01	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.17	0.0	110.0	-0.01	-1.96	0.0	0.0	0.0	0.0
3188	3	53.79	0.0	8.05e-03	-3.91	0.0	-0.01	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.15	0.0	110.0	-0.01	-1.96	0.0	0.0	0.0	0.0
3188	4	53.79	0.0	6.91e-03	-3.91	0.0	-0.01	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.13	0.0	110.0	-0.01	-1.96	0.0	0.0	0.0	0.0
3188	5	53.79	0.0	6.91e-03	-3.91	0.0	-0.01	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.13	0.0	110.0	-0.01	-1.96	0.0	0.0	0.0	0.0
3189	1	46.81	0.0	3.44e-03	-4.16	0.0	-4.07	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-4.71e-03	0.0	90.0	-4.07	-2.08	0.0	0.0	0.0	0.0
3189	2	36.01	0.0	2.73e-03	-3.20	0.0	-3.46	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.81e-03	0.0	90.0	-3.46	-1.60	0.0	0.0	0.0	0.0
3189	3	36.01	0.0	2.59e-03	-3.20	0.0	-3.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.54e-03	0.0	90.0	-3.42	-1.60	0.0	0.0	0.0	0.0
3189	4	36.01	0.0	2.33e-03	-3.20	0.0	-2.41	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.00e-03	0.0	90.0	-2.41	-1.60	0.0	0.0	0.0	0.0
3189	5	36.01	0.0	2.33e-03	-3.20	0.0	-2.41	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.00e-03	0.0	90.0	-2.41	-1.60	0.0	0.0	0.0	0.0
3194	1	69.92	0.0	-0.02	-5.09	0.0	-38.21	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-0.06	0.0	110.0	-38.21	-2.54	0.0	0.0	0.0	0.0
3194	2	53.79	0.0	-0.01	-3.91	0.0	-30.75	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.05	0.0	110.0	-30.75	-1.96	0.0	0.0	0.0	0.0
3194	3	53.79	0.0	-0.01	-3.91	0.0	-28.79	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.04	0.0	110.0	-28.79	-1.96	0.0	0.0	0.0	0.0
3194	4	53.79	0.0	-9.83e-03	-3.91	0.0	-24.86	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.04	0.0	110.0	-24.86	-1.96	0.0	0.0	0.0	0.0
3194	5	53.79	0.0	-9.83e-03	-3.91	0.0	-24.86	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.04	0.0	110.0	-24.86	-1.96	0.0	0.0	0.0	0.0
3195	1	69.92	0.0	0.02	-5.09	0.0	-28.61	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.20	0.0	110.0	-28.61	-2.54	0.0	0.0	0.0	0.0
3195	2	53.79	0.0	0.02	-3.91	0.0	-23.03	1.96	0.0	0.0	0.0	0.0

		0.0	0.0	0.16	0.0	110.0	-23.03	-1.96	0.0	0.0	0.0	0.0
3195	3	53.79	0.0	0.02	-3.91	0.0	-21.55	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.15	0.0	110.0	-21.55	-1.96	0.0	0.0	0.0	0.0
3195	4	53.79	0.0	0.01	-3.91	0.0	-18.60	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.13	0.0	110.0	-18.60	-1.96	0.0	0.0	0.0	0.0
3195	5	53.79	0.0	0.01	-3.91	0.0	-18.60	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.13	0.0	110.0	-18.60	-1.96	0.0	0.0	0.0	0.0
3200	1	46.81	0.0	-4.46e-03	-4.16	0.0	-0.32	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	-0.32	-2.08	0.0	0.0	0.0	0.0
3200	2	36.01	0.0	-3.56e-03	-3.20	0.0	-0.26	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	-0.26	-1.60	0.0	0.0	0.0	0.0
3200	3	36.01	0.0	-3.37e-03	-3.20	0.0	-0.24	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.70e-03	0.0	90.0	-0.24	-1.60	0.0	0.0	0.0	0.0
3200	4	36.01	0.0	-3.02e-03	-3.20	0.0	-0.21	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.41e-03	0.0	90.0	-0.21	-1.60	0.0	0.0	0.0	0.0
3200	5	36.01	0.0	-3.02e-03	-3.20	0.0	-0.21	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.41e-03	0.0	90.0	-0.21	-1.60	0.0	0.0	0.0	0.0
3201	1	46.81	0.0	-2.99e-03	-4.16	0.0	-0.32	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-6.50e-03	0.0	90.0	-0.32	-2.08	0.0	0.0	0.0	0.0
3201	2	36.01	0.0	-2.37e-03	-3.20	0.0	-0.25	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.23e-03	0.0	90.0	-0.25	-1.60	0.0	0.0	0.0	0.0
3201	3	36.01	0.0	-2.27e-03	-3.20	0.0	-0.24	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.90e-03	0.0	90.0	-0.24	-1.60	0.0	0.0	0.0	0.0
3201	4	36.01	0.0	-2.10e-03	-3.20	0.0	-0.20	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.23e-03	0.0	90.0	-0.20	-1.60	0.0	0.0	0.0	0.0
3201	5	36.01	0.0	-2.10e-03	-3.20	0.0	-0.20	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.23e-03	0.0	90.0	-0.20	-1.60	0.0	0.0	0.0	0.0
3206	1	46.81	0.0	-1.62e-03	-4.16	0.0	-0.31	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-0.31	-2.08	0.0	0.0	0.0	0.0
3206	2	36.01	0.0	-1.25e-03	-3.20	0.0	-0.25	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-0.25	-1.60	0.0	0.0	0.0	0.0
3206	3	36.01	0.0	-1.24e-03	-3.20	0.0	-0.23	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-0.23	-1.60	0.0	0.0	0.0	0.0
3206	4	36.01	0.0	-1.22e-03	-3.20	0.0	-0.20	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	9.79e-03	0.0	90.0	-0.20	-1.60	0.0	0.0	0.0	0.0
3206	5	36.01	0.0	-1.22e-03	-3.20	0.0	-0.20	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	9.79e-03	0.0	90.0	-0.20	-1.60	0.0	0.0	0.0	0.0
3207	1	46.81	0.0	-1.80e-03	-4.16	0.0	-0.30	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-7.97e-04	0.0	90.0	-0.30	-2.08	0.0	0.0	0.0	0.0
3207	2	36.01	0.0	-1.39e-03	-3.20	0.0	-0.24	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.40e-04	0.0	90.0	-0.24	-1.60	0.0	0.0	0.0	0.0
3207	3	36.01	0.0	-1.38e-03	-3.20	0.0	-0.22	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.02e-04	0.0	90.0	-0.22	-1.60	0.0	0.0	0.0	0.0
3207	4	36.01	0.0	-1.36e-03	-3.20	0.0	-0.19	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.26e-04	0.0	90.0	-0.19	-1.60	0.0	0.0	0.0	0.0
3207	5	36.01	0.0	-1.36e-03	-3.20	0.0	-0.19	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.26e-04	0.0	90.0	-0.19	-1.60	0.0	0.0	0.0	0.0
3212	1	46.81	0.0	-2.11e-03	-4.16	0.0	-0.28	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-0.28	-2.08	0.0	0.0	0.0	0.0
3212	2	36.01	0.0	-1.63e-03	-3.20	0.0	-0.23	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	-0.23	-1.60	0.0	0.0	0.0	0.0
3212	3	36.01	0.0	-1.62e-03	-3.20	0.0	-0.21	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	-0.21	-1.60	0.0	0.0	0.0	0.0
3212	4	36.01	0.0	-1.58e-03	-3.20	0.0	-0.18	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	-0.18	-1.60	0.0	0.0	0.0	0.0
3212	5	36.01	0.0	-1.58e-03	-3.20	0.0	-0.18	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	-0.18	-1.60	0.0	0.0	0.0	0.0
3213	1	46.81	0.0	-1.75e-03	-4.16	0.0	-0.26	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	-0.26	-2.08	0.0	0.0	0.0	0.0
3213	2	36.01	0.0	-1.35e-03	-3.20	0.0	-0.21	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.62e-03	0.0	90.0	-0.21	-1.60	0.0	0.0	0.0	0.0
3213	3	36.01	0.0	-1.34e-03	-3.20	0.0	-0.20	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.94e-03	0.0	90.0	-0.20	-1.60	0.0	0.0	0.0	0.0
3213	4	36.01	0.0	-1.33e-03	-3.20	0.0	-0.17	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.58e-03	0.0	90.0	-0.17	-1.60	0.0	0.0	0.0	0.0
3213	5	36.01	0.0	-1.33e-03	-3.20	0.0	-0.17	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.58e-03	0.0	90.0	-0.17	-1.60	0.0	0.0	0.0	0.0
3218	1	46.81	0.0	-1.17e-03	-4.16	0.0	-0.23	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	90.0	-0.23	-2.08	0.0	0.0	0.0	0.0
3218	2	36.01	0.0	-8.91e-04	-3.20	0.0	-0.19	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	90.0	-0.19	-1.60	0.0	0.0	0.0	0.0
3218	3	36.01	0.0	-9.04e-04	-3.20	0.0	-0.17	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	90.0	-0.17	-1.60	0.0	0.0	0.0	0.0
3218	4	36.01	0.0	-9.31e-04	-3.20	0.0	-0.15	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	90.0	-0.15	-1.60	0.0	0.0	0.0	0.0
3218	5	36.01	0.0	-9.31e-04	-3.20	0.0	-0.15	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	90.0	-0.15	-1.60	0.0	0.0	0.0	0.0



3219	1	46.81	0.0	-1.82e-03	-4.16	0.0	-0.19	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-5.84e-04	0.0	90.0	-0.19	-2.08	0.0	0.0	0.0	0.0
3219	2	36.01	0.0	-1.40e-03	-3.20	0.0	-0.16	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.68e-04	0.0	90.0	-0.16	-1.60	0.0	0.0	0.0	0.0
3219	3	36.01	0.0	-1.39e-03	-3.20	0.0	-0.14	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.41e-04	0.0	90.0	-0.14	-1.60	0.0	0.0	0.0	0.0
3219	4	36.01	0.0	-1.37e-03	-3.20	0.0	-0.12	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.84e-04	0.0	90.0	-0.12	-1.60	0.0	0.0	0.0	0.0
3219	5	36.01	0.0	-1.37e-03	-3.20	0.0	-0.12	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.84e-04	0.0	90.0	-0.12	-1.60	0.0	0.0	0.0	0.0
3220	1	46.81	0.0	-0.01	-4.16	0.0	1.06	2.08	0.0	0.08	0.0	0.0
		0.0	0.0	-2.19e-03	0.0	90.0	1.06	-2.08	0.0	0.08	0.0	0.0
3220	2	36.01	0.0	-0.01	-3.20	0.0	0.85	1.60	0.0	0.05	0.0	0.0
		0.0	0.0	-1.76e-03	0.0	90.0	0.85	-1.60	0.0	0.05	0.0	0.0
3220	3	36.01	0.0	-0.01	-3.20	0.0	0.80	1.60	0.0	0.07	0.0	0.0
		0.0	0.0	-1.65e-03	0.0	90.0	0.80	-1.60	0.0	0.07	0.0	0.0
3220	4	36.01	0.0	-8.74e-03	-3.20	0.0	0.68	1.60	0.0	0.11	0.0	0.0
		0.0	0.0	-1.42e-03	0.0	90.0	0.68	-1.60	0.0	0.11	0.0	0.0
3220	5	36.01	0.0	-8.74e-03	-3.20	0.0	0.68	1.60	0.0	0.11	0.0	0.0
		0.0	0.0	-1.42e-03	0.0	90.0	0.68	-1.60	0.0	0.11	0.0	0.0
3221	1	69.92	0.0	0.01	-5.09	0.0	-0.01	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.21	0.0	110.0	-0.01	-2.54	0.0	0.0	0.0	0.0
3221	2	53.79	0.0	9.32e-03	-3.91	0.0	-0.01	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.17	0.0	110.0	-0.01	-1.96	0.0	0.0	0.0	0.0
3221	3	53.79	0.0	8.70e-03	-3.91	0.0	-9.47e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.16	0.0	110.0	-9.47e-03	-1.96	0.0	0.0	0.0	0.0
3221	4	53.79	0.0	7.48e-03	-3.91	0.0	-7.95e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.13	0.0	110.0	-7.95e-03	-1.96	0.0	0.0	0.0	0.0
3221	5	53.79	0.0	7.48e-03	-3.91	0.0	-7.95e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.13	0.0	110.0	-7.95e-03	-1.96	0.0	0.0	0.0	0.0
3222	1	69.92	0.0	0.02	-5.09	0.0	0.05	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.16	0.0	110.0	0.05	-2.54	0.0	0.0	0.0	0.0
3222	2	53.79	0.0	0.02	-3.91	0.0	0.04	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.12	0.0	110.0	0.04	-1.96	0.0	0.0	0.0	0.0
3222	3	53.79	0.0	0.01	-3.91	0.0	0.04	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.12	0.0	110.0	0.04	-1.96	0.0	0.0	0.0	0.0
3222	4	53.79	0.0	0.01	-3.91	0.0	0.03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.10	0.0	110.0	0.03	-1.96	0.0	0.0	0.0	0.0
3222	5	53.79	0.0	0.01	-3.91	0.0	0.03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.10	0.0	110.0	0.03	-1.96	0.0	0.0	0.0	0.0
3235	1	69.92	0.0	-0.06	-5.09	0.0	-435.57	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-3.81e-03	0.0	110.0	-435.57	-2.54	0.0	0.0	0.0	0.0
3235	2	53.79	0.0	-0.05	-3.91	0.0	-351.70	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.07e-03	0.0	110.0	-351.70	-1.96	0.0	0.0	0.0	0.0
3235	3	53.79	0.0	-0.05	-3.91	0.0	-327.65	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.87e-03	0.0	110.0	-327.65	-1.96	0.0	0.0	0.0	0.0
3235	4	53.79	0.0	-0.04	-3.91	0.0	-279.70	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.46e-03	0.0	110.0	-279.70	-1.96	0.0	0.0	0.0	0.0
3235	5	53.79	0.0	-0.04	-3.91	0.0	-279.70	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.46e-03	0.0	110.0	-279.70	-1.96	0.0	0.0	0.0	0.0
3236	1	46.81	0.0	-1.49e-03	-4.16	0.0	1.60	2.08	0.0	-1.81	0.0	0.0
		0.0	0.0	-1.21e-03	0.0	90.0	1.60	-2.08	0.0	-1.81	0.0	0.0
3236	2	36.01	0.0	-1.18e-03	-3.20	0.0	1.29	1.60	0.0	-1.47	0.0	0.0
		0.0	0.0	-9.68e-04	0.0	90.0	1.29	-1.60	0.0	-1.47	0.0	0.0
3236	3	36.01	0.0	-1.13e-03	-3.20	0.0	1.20	1.60	0.0	-1.36	0.0	0.0
		0.0	0.0	-9.17e-04	0.0	90.0	1.20	-1.60	0.0	-1.36	0.0	0.0
3236	4	36.01	0.0	-1.02e-03	-3.20	0.0	1.03	1.60	0.0	-1.12	0.0	0.0
		0.0	0.0	-8.15e-04	0.0	90.0	1.03	-1.60	0.0	-1.12	0.0	0.0
3236	5	36.01	0.0	-1.02e-03	-3.20	0.0	1.03	1.60	0.0	-1.12	0.0	0.0
		0.0	0.0	-8.15e-04	0.0	90.0	1.03	-1.60	0.0	-1.12	0.0	0.0
3237	1	46.81	0.0	-2.10e-03	-4.16	0.0	2.05	2.08	0.0	-0.79	0.0	0.0
		0.0	0.0	-1.31e-03	0.0	90.0	2.05	-2.08	0.0	-0.79	0.0	0.0
3237	2	36.01	0.0	-1.64e-03	-3.20	0.0	1.65	1.60	0.0	-0.63	0.0	0.0
		0.0	0.0	-1.05e-03	0.0	90.0	1.65	-1.60	0.0	-0.63	0.0	0.0
3237	3	36.01	0.0	-1.61e-03	-3.20	0.0	1.54	1.60	0.0	-0.60	0.0	0.0
		0.0	0.0	-9.91e-04	0.0	90.0	1.54	-1.60	0.0	-0.60	0.0	0.0
3237	4	36.01	0.0	-1.53e-03	-3.20	0.0	1.33	1.60	0.0	-0.54	0.0	0.0
		0.0	0.0	-8.66e-04	0.0	90.0	1.33	-1.60	0.0	-0.54	0.0	0.0
3237	5	36.01	0.0	-1.53e-03	-3.20	0.0	1.33	1.60	0.0	-0.54	0.0	0.0
		0.0	0.0	-8.66e-04	0.0	90.0	1.33	-1.60	0.0	-0.54	0.0	0.0
3238	1	69.92	0.0	0.03	-5.09	0.0	-152.05	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-3.77e-03	0.0	110.0	-152.05	-2.54	0.0	0.0	0.0	0.0
3238	2	53.79	0.0	0.02	-3.91	0.0	-122.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.03e-03	0.0	110.0	-122.42	-1.96	0.0	0.0	0.0	0.0
3238	3	53.79	0.0	0.02	-3.91	0.0	-114.63	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.84e-03	0.0	110.0	-114.63	-1.96	0.0	0.0	0.0	0.0
3238	4	53.79	0.0	0.02	-3.91	0.0	-98.82	1.96	0.0	0.0	0.0	0.0

		0.0	0.0	-2.45e-03	0.0	110.0	-98.82	-1.96	0.0	0.0	0.0	0.0
3238	5	53.79	0.0	0.02	-3.91	0.0	-98.82	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.45e-03	0.0	110.0	-98.82	-1.96	0.0	0.0	0.0	0.0
3239	1	69.92	0.0	-0.03	-5.09	0.0	-134.34	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-2.09e-03	0.0	110.0	-134.34	-2.54	0.0	0.0	0.0	0.0
3239	2	53.79	0.0	-0.02	-3.91	0.0	-108.61	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.68e-03	0.0	110.0	-108.61	-1.96	0.0	0.0	0.0	0.0
3239	3	53.79	0.0	-0.02	-3.91	0.0	-101.01	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.57e-03	0.0	110.0	-101.01	-1.96	0.0	0.0	0.0	0.0
3239	4	53.79	0.0	-0.02	-3.91	0.0	-85.79	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.34e-03	0.0	110.0	-85.79	-1.96	0.0	0.0	0.0	0.0
3239	5	53.79	0.0	-0.02	-3.91	0.0	-85.79	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.34e-03	0.0	110.0	-85.79	-1.96	0.0	0.0	0.0	0.0
3240	1	46.81	0.0	-1.51e-03	-4.16	0.0	2.43	2.08	0.0	0.04	0.0	0.0
		0.0	0.0	-1.91e-03	0.0	90.0	2.43	-2.08	0.0	0.04	0.0	0.0
3240	2	36.01	0.0	-1.13e-03	-3.20	0.0	1.96	1.60	0.0	0.07	0.0	0.0
		0.0	0.0	-1.55e-03	0.0	90.0	1.96	-1.60	0.0	0.07	0.0	0.0
3240	3	36.01	0.0	-1.17e-03	-3.20	0.0	1.83	1.60	0.0	0.02	0.0	0.0
		0.0	0.0	-1.44e-03	0.0	90.0	1.83	-1.60	0.0	0.02	0.0	0.0
3240	4	36.01	0.0	-1.24e-03	-3.20	0.0	1.57	1.60	0.0	-0.07	0.0	0.0
		0.0	0.0	-1.22e-03	0.0	90.0	1.57	-1.60	0.0	-0.07	0.0	0.0
3240	5	36.01	0.0	-1.24e-03	-3.20	0.0	1.57	1.60	0.0	-0.07	0.0	0.0
		0.0	0.0	-1.22e-03	0.0	90.0	1.57	-1.60	0.0	-0.07	0.0	0.0
3241	1	46.81	0.0	-7.50e-03	-4.16	0.0	2.79	2.08	0.0	8.93	0.0	0.0
		0.0	0.0	-7.90e-03	0.0	90.0	2.79	-2.08	0.0	8.93	0.0	0.0
3241	2	36.01	0.0	-6.04e-03	-3.20	0.0	2.24	1.60	0.0	7.27	0.0	0.0
		0.0	0.0	-6.40e-03	0.0	90.0	2.24	-1.60	0.0	7.27	0.0	0.0
3241	3	36.01	0.0	-5.66e-03	-3.20	0.0	2.10	1.60	0.0	6.70	0.0	0.0
		0.0	0.0	-5.94e-03	0.0	90.0	2.10	-1.60	0.0	6.70	0.0	0.0
3241	4	36.01	0.0	-4.88e-03	-3.20	0.0	1.80	1.60	0.0	5.59	0.0	0.0
		0.0	0.0	-5.01e-03	0.0	90.0	1.80	-1.60	0.0	5.59	0.0	0.0
3241	5	36.01	0.0	-4.88e-03	-3.20	0.0	1.80	1.60	0.0	5.59	0.0	0.0
		0.0	0.0	-5.01e-03	0.0	90.0	1.80	-1.60	0.0	5.59	0.0	0.0
3242	1	46.81	0.0	5.19e-03	-4.16	0.0	3.10	2.08	0.0	-8.28	0.0	0.0
		0.0	0.0	4.62e-03	0.0	90.0	3.10	-2.08	0.0	-8.28	0.0	0.0
3242	2	36.01	0.0	4.14e-03	-3.20	0.0	2.50	1.60	0.0	-6.77	0.0	0.0
		0.0	0.0	3.76e-03	0.0	90.0	2.50	-1.60	0.0	-6.77	0.0	0.0
3242	3	36.01	0.0	3.93e-03	-3.20	0.0	2.34	1.60	0.0	-6.20	0.0	0.0
		0.0	0.0	3.46e-03	0.0	90.0	2.34	-1.60	0.0	-6.20	0.0	0.0
3242	4	36.01	0.0	3.49e-03	-3.20	0.0	2.01	1.60	0.0	-5.08	0.0	0.0
		0.0	0.0	2.87e-03	0.0	90.0	2.01	-1.60	0.0	-5.08	0.0	0.0
3242	5	36.01	0.0	3.49e-03	-3.20	0.0	2.01	1.60	0.0	-5.08	0.0	0.0
		0.0	0.0	2.87e-03	0.0	90.0	2.01	-1.60	0.0	-5.08	0.0	0.0
3243	1	69.92	0.0	0.03	-5.09	0.0	-145.30	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-3.83e-03	0.0	110.0	-145.30	-2.54	0.0	0.0	0.0	0.0
3243	2	53.79	0.0	0.02	-3.91	0.0	-117.33	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.08e-03	0.0	110.0	-117.33	-1.96	0.0	0.0	0.0	0.0
3243	3	53.79	0.0	0.02	-3.91	0.0	-109.30	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.89e-03	0.0	110.0	-109.30	-1.96	0.0	0.0	0.0	0.0
3243	4	53.79	0.0	0.02	-3.91	0.0	-93.29	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.50e-03	0.0	110.0	-93.29	-1.96	0.0	0.0	0.0	0.0
3243	5	53.79	0.0	0.02	-3.91	0.0	-93.29	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.50e-03	0.0	110.0	-93.29	-1.96	0.0	0.0	0.0	0.0
3244	1	69.92	0.0	-0.03	-5.09	0.0	-117.99	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-2.06e-03	0.0	110.0	-117.99	-2.54	0.0	0.0	0.0	0.0
3244	2	53.79	0.0	-0.02	-3.91	0.0	-95.10	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.66e-03	0.0	110.0	-95.10	-1.96	0.0	0.0	0.0	0.0
3244	3	53.79	0.0	-0.02	-3.91	0.0	-88.80	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.55e-03	0.0	110.0	-88.80	-1.96	0.0	0.0	0.0	0.0
3244	4	53.79	0.0	-0.02	-3.91	0.0	-76.24	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.33e-03	0.0	110.0	-76.24	-1.96	0.0	0.0	0.0	0.0
3244	5	53.79	0.0	-0.02	-3.91	0.0	-76.24	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.33e-03	0.0	110.0	-76.24	-1.96	0.0	0.0	0.0	0.0
3261	1	46.81	0.0	-1.14e-03	-4.16	0.0	3.31	2.08	0.0	-2.21	0.0	0.0
		0.0	0.0	-1.38e-03	0.0	90.0	3.31	-2.08	0.0	-2.21	0.0	0.0
3261	2	36.01	0.0	-8.63e-04	-3.20	0.0	2.66	1.60	0.0	-1.78	0.0	0.0
		0.0	0.0	-1.11e-03	0.0	90.0	2.66	-1.60	0.0	-1.78	0.0	0.0
3261	3	36.01	0.0	-8.82e-04	-3.20	0.0	2.49	1.60	0.0	-1.66	0.0	0.0
		0.0	0.0	-1.04e-03	0.0	90.0	2.49	-1.60	0.0	-1.66	0.0	0.0
3261	4	36.01	0.0	-9.15e-04	-3.20	0.0	2.14	1.60	0.0	-1.42	0.0	0.0
		0.0	0.0	-9.09e-04	0.0	90.0	2.14	-1.60	0.0	-1.42	0.0	0.0
3261	5	36.01	0.0	-9.15e-04	-3.20	0.0	2.14	1.60	0.0	-1.42	0.0	0.0
		0.0	0.0	-9.09e-04	0.0	90.0	2.14	-1.60	0.0	-1.42	0.0	0.0
3262	1	46.81	0.0	-1.76e-03	-4.16	0.0	3.42	2.08	0.0	-3.72	0.0	0.0
		0.0	0.0	-1.51e-03	0.0	90.0	3.42	-2.08	0.0	-3.72	0.0	0.0
3262	2	36.01	0.0	-1.34e-03	-3.20	0.0	2.75	1.60	0.0	-2.97	0.0	0.0
		0.0	0.0	-1.23e-03	0.0	90.0	2.75	-1.60	0.0	-2.97	0.0	0.0



3262	3	36.01	0.0	-1.36e-03	-3.20	0.0	2.57	1.60	0.0	-2.81	0.0	0.0
		0.0	0.0	-1.13e-03	0.0	90.0	2.57	-1.60	0.0	-2.81	0.0	0.0
3262	4	36.01	0.0	-1.40e-03	-3.20	0.0	2.21	1.60	0.0	-2.50	0.0	0.0
		0.0	0.0	-9.42e-04	0.0	90.0	2.21	-1.60	0.0	-2.50	0.0	0.0
3262	5	36.01	0.0	-1.40e-03	-3.20	0.0	2.21	1.60	0.0	-2.50	0.0	0.0
		0.0	0.0	-9.42e-04	0.0	90.0	2.21	-1.60	0.0	-2.50	0.0	0.0
3263	1	46.81	0.0	-0.01	-4.16	0.0	3.49	2.08	0.0	-4.55	0.0	0.0
		0.0	0.0	9.35e-05	0.0	90.0	3.49	-2.08	0.0	-4.55	0.0	0.0
3263	2	36.01	0.0	-0.01	-3.20	0.0	2.82	1.60	0.0	-3.69	0.0	0.0
		0.0	0.0	8.31e-05	0.0	90.0	2.82	-1.60	0.0	-3.69	0.0	0.0
3263	3	36.01	0.0	-9.82e-03	-3.20	0.0	2.63	1.60	0.0	-3.41	0.0	0.0
		0.0	0.0	6.69e-05	0.0	90.0	2.63	-1.60	0.0	-3.41	0.0	0.0
3263	4	36.01	0.0	-8.46e-03	-3.20	0.0	2.26	1.60	0.0	-2.85	0.0	0.0
		0.0	0.0	3.54e-05	0.0	90.0	2.26	-1.60	0.0	-2.85	0.0	0.0
3263	5	36.01	0.0	-8.46e-03	-3.20	0.0	2.26	1.60	0.0	-2.85	0.0	0.0
		0.0	0.0	3.54e-05	0.0	90.0	2.26	-1.60	0.0	-2.85	0.0	0.0
3264	1	69.92	0.0	0.03	-5.09	0.0	-113.88	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-3.76e-03	0.0	110.0	-113.88	-2.54	0.0	0.0	0.0	0.0
3264	2	53.79	0.0	0.02	-3.91	0.0	-91.91	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.03e-03	0.0	110.0	-91.91	-1.96	0.0	0.0	0.0	0.0
3264	3	53.79	0.0	0.02	-3.91	0.0	-85.69	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.83e-03	0.0	110.0	-85.69	-1.96	0.0	0.0	0.0	0.0
3264	4	53.79	0.0	0.02	-3.91	0.0	-73.22	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.43e-03	0.0	110.0	-73.22	-1.96	0.0	0.0	0.0	0.0
3264	5	53.79	0.0	0.02	-3.91	0.0	-73.22	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.43e-03	0.0	110.0	-73.22	-1.96	0.0	0.0	0.0	0.0
3265	1	69.92	0.0	-0.03	-5.09	0.0	-110.34	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-2.07e-03	0.0	110.0	-110.34	-2.54	0.0	0.0	0.0	0.0
3265	2	53.79	0.0	-0.03	-3.91	0.0	-88.66	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.67e-03	0.0	110.0	-88.66	-1.96	0.0	0.0	0.0	0.0
3265	3	53.79	0.0	-0.02	-3.91	0.0	-83.18	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.56e-03	0.0	110.0	-83.18	-1.96	0.0	0.0	0.0	0.0
3265	4	53.79	0.0	-0.02	-3.91	0.0	-72.04	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.34e-03	0.0	110.0	-72.04	-1.96	0.0	0.0	0.0	0.0
3265	5	53.79	0.0	-0.02	-3.91	0.0	-72.04	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.34e-03	0.0	110.0	-72.04	-1.96	0.0	0.0	0.0	0.0
3266	1	46.81	0.0	-4.38e-03	-4.16	0.0	3.54	2.08	0.0	-17.28	0.0	0.0
		0.0	0.0	1.64e-03	0.0	90.0	3.54	-2.08	0.0	-17.28	0.0	0.0
3266	2	36.01	0.0	-3.58e-03	-3.20	0.0	2.86	1.60	0.0	-13.94	0.0	0.0
		0.0	0.0	1.31e-03	0.0	90.0	2.86	-1.60	0.0	-13.94	0.0	0.0
3266	3	36.01	0.0	-3.29e-03	-3.20	0.0	2.67	1.60	0.0	-13.01	0.0	0.0
		0.0	0.0	1.24e-03	0.0	90.0	2.67	-1.60	0.0	-13.01	0.0	0.0
3266	4	36.01	0.0	-2.76e-03	-3.20	0.0	2.29	1.60	0.0	-11.16	0.0	0.0
		0.0	0.0	1.10e-03	0.0	90.0	2.29	-1.60	0.0	-11.16	0.0	0.0
3266	5	36.01	0.0	-2.76e-03	-3.20	0.0	2.29	1.60	0.0	-11.16	0.0	0.0
		0.0	0.0	1.10e-03	0.0	90.0	2.29	-1.60	0.0	-11.16	0.0	0.0
3267	1	46.81	0.0	7.20e-03	-4.16	0.0	3.20	2.08	0.0	7.05	0.0	0.0
		0.0	0.0	-3.88e-03	0.0	90.0	3.20	-2.08	0.0	7.05	0.0	0.0
3267	2	36.01	0.0	5.83e-03	-3.20	0.0	2.58	1.60	0.0	5.75	0.0	0.0
		0.0	0.0	-3.14e-03	0.0	90.0	2.58	-1.60	0.0	5.75	0.0	0.0
3267	3	36.01	0.0	5.40e-03	-3.20	0.0	2.41	1.60	0.0	5.28	0.0	0.0
		0.0	0.0	-2.92e-03	0.0	90.0	2.41	-1.60	0.0	5.28	0.0	0.0
3267	4	36.01	0.0	4.58e-03	-3.20	0.0	2.07	1.60	0.0	4.39	0.0	0.0
		0.0	0.0	-2.51e-03	0.0	90.0	2.07	-1.60	0.0	4.39	0.0	0.0
3267	5	36.01	0.0	4.58e-03	-3.20	0.0	2.07	1.60	0.0	4.39	0.0	0.0
		0.0	0.0	-2.51e-03	0.0	90.0	2.07	-1.60	0.0	4.39	0.0	0.0
3268	1	46.81	0.0	6.52e-03	-4.16	0.0	2.47	2.08	0.0	13.08	0.0	0.0
		0.0	0.0	-6.53e-03	0.0	90.0	2.47	-2.08	0.0	13.08	0.0	0.0
3268	2	36.01	0.0	5.27e-03	-3.20	0.0	1.99	1.60	0.0	10.51	0.0	0.0
		0.0	0.0	-5.25e-03	0.0	90.0	1.99	-1.60	0.0	10.51	0.0	0.0
3268	3	36.01	0.0	4.90e-03	-3.20	0.0	1.86	1.60	0.0	9.87	0.0	0.0
		0.0	0.0	-4.92e-03	0.0	90.0	1.86	-1.60	0.0	9.87	0.0	0.0
3268	4	36.01	0.0	4.15e-03	-3.20	0.0	1.59	1.60	0.0	8.55	0.0	0.0
		0.0	0.0	-4.25e-03	0.0	90.0	1.59	-1.60	0.0	8.55	0.0	0.0
3268	5	36.01	0.0	4.15e-03	-3.20	0.0	1.59	1.60	0.0	8.55	0.0	0.0
		0.0	0.0	-4.25e-03	0.0	90.0	1.59	-1.60	0.0	8.55	0.0	0.0
3269	1	69.92	0.0	0.04	-5.09	0.0	-35.99	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-3.94e-03	0.0	110.0	-35.99	-2.54	0.0	0.0	0.0	0.0
3269	2	53.79	0.0	0.03	-3.91	0.0	-29.10	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.18e-03	0.0	110.0	-29.10	-1.96	0.0	0.0	0.0	0.0
3269	3	53.79	0.0	0.03	-3.91	0.0	-27.05	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.97e-03	0.0	110.0	-27.05	-1.96	0.0	0.0	0.0	0.0
3269	4	53.79	0.0	0.02	-3.91	0.0	-23.02	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.55e-03	0.0	110.0	-23.02	-1.96	0.0	0.0	0.0	0.0
3269	5	53.79	0.0	0.02	-3.91	0.0	-23.02	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.55e-03	0.0	110.0	-23.02	-1.96	0.0	0.0	0.0	0.0
3270	1	69.92	0.0	-0.03	-5.09	0.0	-136.17	2.54	0.0	0.0	0.0	0.0

		0.0	0.0	-2.31e-03	0.0	110.0	-136.17	-2.54	0.0	0.0	0.0	0.0
3270	2	53.79	0.0	-0.02	-3.91	0.0	-110.09	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.86e-03	0.0	110.0	-110.09	-1.96	0.0	0.0	0.0	0.0
3270	3	53.79	0.0	-0.02	-3.91	0.0	-102.35	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.74e-03	0.0	110.0	-102.35	-1.96	0.0	0.0	0.0	0.0
3270	4	53.79	0.0	-0.02	-3.91	0.0	-86.84	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.49e-03	0.0	110.0	-86.84	-1.96	0.0	0.0	0.0	0.0
3270	5	53.79	0.0	-0.02	-3.91	0.0	-86.84	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.49e-03	0.0	110.0	-86.84	-1.96	0.0	0.0	0.0	0.0
3271	1	41.72	0.0	-0.01	-3.93	0.0	77.60	1.96	-2.53e-03	-6.28	0.0	0.0
		-0.06	-0.22	-3.42e-03	0.0	85.0	77.60	-1.97	-2.53e-03	-6.28	-0.22	-0.06
3271	2	32.11	0.0	-0.01	-3.02	0.0	61.96	1.51	-2.09e-03	-5.05	0.0	0.0
		-4.54e-03	-0.18	-2.75e-03	0.0	85.0	61.96	-1.51	-2.09e-03	-5.05	-0.18	-4.54e-03
3271	3	32.08	0.0	-0.01	-3.02	0.0	58.64	1.51	-1.89e-03	-4.73	0.0	0.0
		-0.06	-0.16	-2.57e-03	0.0	85.0	58.64	-1.51	-1.89e-03	-4.73	-0.16	-0.06
3271	4	31.84	0.0	-0.01	-3.02	0.0	51.75	1.50	-1.57e-03	-4.08	0.0	0.0
		-0.54	-0.13	-2.21e-03	0.0	85.0	51.75	-1.52	-1.57e-03	-4.08	-0.13	-0.54
3271	5	31.84	0.0	-0.01	-3.02	0.0	51.75	1.50	-1.57e-03	-4.08	0.0	0.0
		-0.54	-0.13	-2.21e-03	0.0	85.0	51.75	-1.52	-1.57e-03	-4.08	-0.13	-0.54
3272	1	74.38	13.80	-5.04e-03	-4.16	0.0	52.51	2.70	0.16	-6.28	-0.22	-4.64
		-4.64	-0.22	-2.90e-03	0.0	90.0	52.51	-1.46	0.16	-6.28	13.80	51.58
3272	2	59.22	11.14	-4.08e-03	-3.20	0.0	40.70	2.12	0.13	-5.05	-0.18	-3.72
		-3.72	-0.18	-2.33e-03	0.0	90.0	40.70	-1.08	0.13	-5.05	11.14	42.83
3272	3	56.37	10.38	-3.79e-03	-3.20	0.0	40.24	2.06	0.12	-4.73	-0.16	-3.51
		-3.51	-0.16	-2.18e-03	0.0	90.0	40.24	-1.14	0.12	-4.73	10.38	38.29
3272	4	50.78	8.87	-3.22e-03	-3.20	0.0	39.24	1.96	0.10	-4.08	-0.13	-3.45
		-3.45	-0.13	-1.88e-03	0.0	90.0	39.24	-1.24	0.10	-4.08	8.87	29.31
3272	5	50.78	8.87	-3.22e-03	-3.20	0.0	39.24	1.96	0.10	-4.08	-0.13	-3.45
		-3.45	-0.13	-1.88e-03	0.0	90.0	39.24	-1.24	0.10	-4.08	8.87	29.31
3283	1	60.62	13.80	0.01	-3.93	0.0	-17.57	1.56	-0.16	-6.28	13.80	34.36
		0.0	0.0	-2.36e-04	0.0	85.0	-17.57	-2.37	-0.16	-6.28	0.0	0.0
3283	2	48.10	11.14	0.01	-3.02	0.0	-14.10	1.17	-0.13	-5.05	11.14	28.79
		0.0	0.0	-1.89e-04	0.0	85.0	-14.10	-1.85	-0.13	-5.05	0.0	0.0
3283	3	45.98	10.38	0.01	-3.02	0.0	-13.25	1.21	-0.12	-4.73	10.38	25.40
		0.0	0.0	-1.79e-04	0.0	85.0	-13.25	-1.81	-0.12	-4.73	0.0	0.0
3283	4	42.10	8.87	9.42e-03	-3.02	0.0	-11.54	1.29	-0.10	-4.08	8.87	18.64
		0.0	0.0	-1.58e-04	0.0	85.0	-11.54	-1.73	-0.10	-4.08	0.0	0.0
3283	5	42.10	8.87	9.42e-03	-3.02	0.0	-11.54	1.29	-0.10	-4.08	8.87	18.64
		0.0	0.0	-1.58e-04	0.0	85.0	-11.54	-1.73	-0.10	-4.08	0.0	0.0
3284	1	69.92	0.0	0.03	-5.09	0.0	-151.47	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-4.35e-03	0.0	110.0	-151.47	-2.54	0.0	0.0	0.0	0.0
3284	2	53.79	0.0	0.02	-3.91	0.0	-122.17	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.51e-03	0.0	110.0	-122.17	-1.96	0.0	0.0	0.0	0.0
3284	3	53.79	0.0	0.02	-3.91	0.0	-113.98	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.28e-03	0.0	110.0	-113.98	-1.96	0.0	0.0	0.0	0.0
3284	4	53.79	0.0	0.02	-3.91	0.0	-97.70	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.82e-03	0.0	110.0	-97.70	-1.96	0.0	0.0	0.0	0.0
3284	5	53.79	0.0	0.02	-3.91	0.0	-97.70	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.82e-03	0.0	110.0	-97.70	-1.96	0.0	0.0	0.0	0.0
3285	1	69.92	0.0	-0.03	-5.09	0.0	-136.21	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-2.80e-03	0.0	110.0	-136.21	-2.54	0.0	0.0	0.0	0.0
3285	2	53.79	0.0	-0.02	-3.91	0.0	-110.04	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.26e-03	0.0	110.0	-110.04	-1.96	0.0	0.0	0.0	0.0
3285	3	53.79	0.0	-0.02	-3.91	0.0	-102.41	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.11e-03	0.0	110.0	-102.41	-1.96	0.0	0.0	0.0	0.0
3285	4	53.79	0.0	-0.02	-3.91	0.0	-87.22	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.81e-03	0.0	110.0	-87.22	-1.96	0.0	0.0	0.0	0.0
3285	5	53.79	0.0	-0.02	-3.91	0.0	-87.22	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.81e-03	0.0	110.0	-87.22	-1.96	0.0	0.0	0.0	0.0
3286	1	60.00	0.0	-0.02	-3.93	0.0	135.05	2.36	-5.45e-03	-6.08	0.0	0.0
		0.0	-0.46	-3.13e-03	0.0	85.0	135.05	-1.57	-5.45e-03	-6.08	-0.46	33.37
3286	2	47.40	0.0	-0.01	-3.02	0.0	109.18	1.84	-4.53e-03	-4.90	0.0	0.0
		0.0	-0.38	-2.52e-03	0.0	85.0	109.18	-1.19	-4.53e-03	-4.90	-0.38	27.67
3286	3	45.58	0.0	-0.01	-3.02	0.0	101.53	1.80	-4.04e-03	-4.58	0.0	0.0
		0.0	-0.34	-2.36e-03	0.0	85.0	101.53	-1.22	-4.04e-03	-4.58	-0.34	24.75
3286	4	42.22	0.0	-0.01	-3.02	0.0	86.18	1.73	-3.10e-03	-3.95	0.0	0.0
		0.0	-0.26	-2.04e-03	0.0	85.0	86.18	-1.29	-3.10e-03	-3.95	-0.26	18.85
3286	5	42.22	0.0	-0.01	-3.02	0.0	86.18	1.73	-3.10e-03	-3.95	0.0	0.0
		0.0	-0.26	-2.04e-03	0.0	85.0	86.18	-1.29	-3.10e-03	-3.95	-0.26	18.85
3287	1	79.02	8.62	-3.06e-03	-4.16	0.0	170.04	2.06	0.10	-6.08	-0.46	33.30
		31.13	-0.46	-2.94e-03	0.0	90.0	170.04	-2.10	0.10	-6.08	8.62	31.13
3287	2	62.71	6.95	-2.43e-03	-3.20	0.0	136.14	1.58	0.08	-4.90	-0.38	27.65
		25.75	-0.38	-2.37e-03	0.0	90.0	136.14	-1.62	0.08	-4.90	6.95	25.75
3287	3	59.93	6.49	-2.32e-03	-3.20	0.0	128.42	1.58	0.08	-4.58	-0.34	24.70
		23.14	-0.34	-2.22e-03	0.0	90.0	128.42	-1.62	0.08	-4.58	6.49	23.14
3287	4	54.29	5.57	-2.08e-03	-3.20	0.0	113.00	1.59	0.06	-3.95	-0.26	18.71
		17.87	-0.26	-1.91e-03	0.0	90.0	113.00	-1.61	0.06	-3.95	5.57	17.87

3287	5	54.29	5.57	-2.08e-03	-3.20	0.0	113.00	1.59	0.06	-3.95	-0.26	18.71
		17.87	-0.26	-1.91e-03	0.0	90.0	113.00	-1.61	0.06	-3.95	5.57	17.87
3288	1	62.39	8.62	0.02	-3.93	0.0	141.06	1.53	-0.10	-6.08	8.62	37.21
		0.0	0.0	-1.04e-03	0.0	85.0	141.06	-2.40	-0.10	-6.08	0.0	0.0
3288	2	49.32	6.95	0.01	-3.02	0.0	114.00	1.15	-0.08	-4.90	6.95	30.74
		0.0	0.0	-8.41e-04	0.0	85.0	114.00	-1.87	-0.08	-4.90	0.0	0.0
3288	3	47.41	6.49	0.01	-3.02	0.0	106.05	1.19	-0.08	-4.58	6.49	27.68
		0.0	0.0	-7.88e-04	0.0	85.0	106.05	-1.84	-0.08	-4.58	0.0	0.0
3288	4	43.73	5.57	0.01	-3.02	0.0	90.29	1.26	-0.07	-3.95	5.57	21.53
		0.0	0.0	-6.81e-04	0.0	85.0	90.29	-1.76	-0.07	-3.95	0.0	0.0
3288	5	43.73	5.57	0.01	-3.02	0.0	90.29	1.26	-0.07	-3.95	5.57	21.53
		0.0	0.0	-6.81e-04	0.0	85.0	90.29	-1.76	-0.07	-3.95	0.0	0.0
3289	1	69.92	0.0	0.03	-5.09	0.0	-152.14	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-4.22e-03	0.0	110.0	-152.14	-2.54	0.0	0.0	0.0	0.0
3289	2	53.79	0.0	0.02	-3.91	0.0	-122.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.41e-03	0.0	110.0	-122.85	-1.96	0.0	0.0	0.0	0.0
3289	3	53.79	0.0	0.02	-3.91	0.0	-114.45	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.18e-03	0.0	110.0	-114.45	-1.96	0.0	0.0	0.0	0.0
3289	4	53.79	0.0	0.02	-3.91	0.0	-97.61	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.73e-03	0.0	110.0	-97.61	-1.96	0.0	0.0	0.0	0.0
3289	5	53.79	0.0	0.02	-3.91	0.0	-97.61	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.73e-03	0.0	110.0	-97.61	-1.96	0.0	0.0	0.0	0.0
3290	1	69.92	0.0	-0.03	-5.09	0.0	-124.56	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-3.39e-03	0.0	110.0	-124.56	-2.54	0.0	0.0	0.0	0.0
3290	2	53.79	0.0	-0.02	-3.91	0.0	-100.38	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.74e-03	0.0	110.0	-100.38	-1.96	0.0	0.0	0.0	0.0
3290	3	53.79	0.0	-0.02	-3.91	0.0	-93.75	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.56e-03	0.0	110.0	-93.75	-1.96	0.0	0.0	0.0	0.0
3290	4	53.79	0.0	-0.02	-3.91	0.0	-80.46	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.19e-03	0.0	110.0	-80.46	-1.96	0.0	0.0	0.0	0.0
3290	5	53.79	0.0	-0.02	-3.91	0.0	-80.46	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.19e-03	0.0	110.0	-80.46	-1.96	0.0	0.0	0.0	0.0
3291	1	58.91	0.0	-0.02	-3.93	0.0	133.96	2.34	-7.92e-03	-6.17	0.0	0.0
		0.0	-0.67	-2.92e-03	0.0	85.0	133.96	-1.59	-7.92e-03	-6.17	-0.67	31.62
3291	2	46.51	0.0	-0.01	-3.02	0.0	108.26	1.82	-6.63e-03	-4.97	0.0	0.0
		0.0	-0.56	-2.35e-03	0.0	85.0	108.26	-1.20	-6.63e-03	-4.97	-0.56	26.24
3291	3	44.79	0.0	-0.01	-3.02	0.0	100.71	1.79	-5.85e-03	-4.65	0.0	0.0
		0.0	-0.50	-2.20e-03	0.0	85.0	100.71	-1.24	-5.85e-03	-4.65	-0.50	23.43
3291	4	41.63	0.0	-0.01	-3.02	0.0	85.68	1.72	-4.28e-03	-4.02	0.0	0.0
		0.0	-0.36	-1.91e-03	0.0	85.0	85.68	-1.30	-4.28e-03	-4.02	-0.36	17.80
3291	5	41.63	0.0	-0.01	-3.02	0.0	85.68	1.72	-4.28e-03	-4.02	0.0	0.0
		0.0	-0.36	-1.91e-03	0.0	85.0	85.68	-1.30	-4.28e-03	-4.02	-0.36	17.80
3292	1	79.78	4.53	-2.79e-03	-4.16	0.0	166.63	2.15	0.06	-6.17	-0.67	29.99
		29.99	-0.67	-2.99e-03	0.0	90.0	166.63	-2.01	0.06	-6.17	4.53	35.96
3292	2	63.34	3.64	-2.22e-03	-3.20	0.0	133.34	1.65	0.05	-4.97	-0.56	24.91
		24.91	-0.56	-2.40e-03	0.0	90.0	133.34	-1.55	0.05	-4.97	3.64	29.76
3292	3	60.49	3.41	-2.11e-03	-3.20	0.0	125.87	1.65	0.04	-4.65	-0.50	22.21
		22.21	-0.50	-2.25e-03	0.0	90.0	125.87	-1.55	0.04	-4.65	3.41	26.76
3292	4	54.71	2.96	-1.89e-03	-3.20	0.0	110.95	1.64	0.04	-4.02	-0.36	16.79
		16.79	-0.36	-1.94e-03	0.0	90.0	110.95	-1.56	0.04	-4.02	2.96	20.62
3292	5	54.71	2.96	-1.89e-03	-3.20	0.0	110.95	1.64	0.04	-4.02	-0.36	16.79
		16.79	-0.36	-1.94e-03	0.0	90.0	110.95	-1.56	0.04	-4.02	2.96	20.62
3293	1	60.67	4.53	0.02	-3.93	0.0	133.44	1.56	-0.05	-6.17	4.53	34.44
		0.0	0.0	-1.93e-03	0.0	85.0	133.44	-2.37	-0.05	-6.17	0.0	0.0
3293	2	47.97	3.64	0.01	-3.02	0.0	107.81	1.18	-0.04	-4.97	3.64	28.58
		0.0	0.0	-1.56e-03	0.0	85.0	107.81	-1.85	-0.04	-4.97	0.0	0.0
3293	3	46.11	3.41	0.01	-3.02	0.0	100.33	1.21	-0.04	-4.65	3.41	25.60
		0.0	0.0	-1.45e-03	0.0	85.0	100.33	-1.81	-0.04	-4.65	0.0	0.0
3293	4	42.60	2.96	0.01	-3.02	0.0	85.39	1.28	-0.03	-4.02	2.96	19.53
		0.0	0.0	-1.24e-03	0.0	85.0	85.39	-1.74	-0.03	-4.02	0.0	0.0
3293	5	42.60	2.96	0.01	-3.02	0.0	85.39	1.28	-0.03	-4.02	2.96	19.53
		0.0	0.0	-1.24e-03	0.0	85.0	85.39	-1.74	-0.03	-4.02	0.0	0.0
3294	1	69.92	0.0	0.03	-5.09	0.0	-115.31	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-4.13e-03	0.0	110.0	-115.31	-2.54	0.0	0.0	0.0	0.0
3294	2	53.79	0.0	0.02	-3.91	0.0	-93.12	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.33e-03	0.0	110.0	-93.12	-1.96	0.0	0.0	0.0	0.0
3294	3	53.79	0.0	0.02	-3.91	0.0	-86.84	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.11e-03	0.0	110.0	-86.84	-1.96	0.0	0.0	0.0	0.0
3294	4	53.79	0.0	0.02	-3.91	0.0	-74.07	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.66e-03	0.0	110.0	-74.07	-1.96	0.0	0.0	0.0	0.0
3294	5	53.79	0.0	0.02	-3.91	0.0	-74.07	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.66e-03	0.0	110.0	-74.07	-1.96	0.0	0.0	0.0	0.0
3295	1	46.81	0.0	-0.01	-4.16	0.0	-0.02	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.90e-03	0.0	90.0	-0.02	-2.08	0.0	0.0	0.0	0.0
3295	2	36.01	0.0	-0.01	-3.20	0.0	-0.02	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.34e-03	0.0	90.0	-0.02	-1.60	0.0	0.0	0.0	0.0
3295	3	36.01	0.0	-0.01	-3.20	0.0	-0.02	1.60	0.0	0.0	0.0	0.0



		0.0	0.0	-2.18e-03	0.0	90.0	-0.02	-1.60	0.0	0.0	0.0	0.0
3295	4	36.01	0.0	-9.43e-03	-3.20	0.0	-0.01	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.84e-03	0.0	90.0	-0.01	-1.60	0.0	0.0	0.0	0.0
3295	5	36.01	0.0	-9.43e-03	-3.20	0.0	-0.01	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.84e-03	0.0	90.0	-0.01	-1.60	0.0	0.0	0.0	0.0
3296	1	46.81	0.0	-8.24e-03	-4.16	0.0	5.45e-03	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.27e-03	0.0	90.0	5.45e-03	-2.08	0.0	0.0	0.0	0.0
3296	2	36.01	0.0	-6.67e-03	-3.20	0.0	7.29e-04	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.02e-03	0.0	90.0	7.29e-04	-1.60	0.0	0.0	0.0	0.0
3296	3	36.01	0.0	-6.19e-03	-3.20	0.0	5.56e-03	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.52e-04	0.0	90.0	5.56e-03	-1.60	0.0	0.0	0.0	0.0
3296	4	36.01	0.0	-5.23e-03	-3.20	0.0	0.01	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.20e-04	0.0	90.0	0.01	-1.60	0.0	0.0	0.0	0.0
3296	5	36.01	0.0	-5.23e-03	-3.20	0.0	0.01	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.20e-04	0.0	90.0	0.01	-1.60	0.0	0.0	0.0	0.0
3297	1	46.81	0.0	-2.61e-03	-4.16	0.0	0.06	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-6.35e-04	0.0	90.0	0.06	-2.08	0.0	0.0	0.0	0.0
3297	2	36.01	0.0	-2.07e-03	-3.20	0.0	0.04	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.95e-04	0.0	90.0	0.04	-1.60	0.0	0.0	0.0	0.0
3297	3	36.01	0.0	-1.98e-03	-3.20	0.0	0.05	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.89e-04	0.0	90.0	0.05	-1.60	0.0	0.0	0.0	0.0
3297	4	36.01	0.0	-1.80e-03	-3.20	0.0	0.05	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.72e-04	0.0	90.0	0.05	-1.60	0.0	0.0	0.0	0.0
3297	5	36.01	0.0	-1.80e-03	-3.20	0.0	0.05	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.72e-04	0.0	90.0	0.05	-1.60	0.0	0.0	0.0	0.0
3298	1	46.81	0.0	-2.35e-03	-4.16	0.0	0.13	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.39e-03	0.0	90.0	0.13	-2.08	0.0	0.0	0.0	0.0
3298	2	36.01	0.0	-1.84e-03	-3.20	0.0	0.10	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.12e-03	0.0	90.0	0.10	-1.60	0.0	0.0	0.0	0.0
3298	3	36.01	0.0	-1.79e-03	-3.20	0.0	0.10	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.04e-03	0.0	90.0	0.10	-1.60	0.0	0.0	0.0	0.0
3298	4	36.01	0.0	-1.70e-03	-3.20	0.0	0.11	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.08e-04	0.0	90.0	0.11	-1.60	0.0	0.0	0.0	0.0
3298	5	36.01	0.0	-1.70e-03	-3.20	0.0	0.11	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.08e-04	0.0	90.0	0.11	-1.60	0.0	0.0	0.0	0.0
3299	1	46.81	0.0	-2.63e-03	-4.16	0.0	0.24	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-3.07e-03	0.0	90.0	0.24	-2.08	0.0	0.0	0.0	0.0
3299	2	36.01	0.0	-2.06e-03	-3.20	0.0	0.18	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.48e-03	0.0	90.0	0.18	-1.60	0.0	0.0	0.0	0.0
3299	3	36.01	0.0	-2.01e-03	-3.20	0.0	0.18	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.31e-03	0.0	90.0	0.18	-1.60	0.0	0.0	0.0	0.0
3299	4	36.01	0.0	-1.91e-03	-3.20	0.0	0.18	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.95e-03	0.0	90.0	0.18	-1.60	0.0	0.0	0.0	0.0
3299	5	36.01	0.0	-1.91e-03	-3.20	0.0	0.18	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.95e-03	0.0	90.0	0.18	-1.60	0.0	0.0	0.0	0.0
3300	1	46.81	0.0	-1.76e-03	-4.16	0.0	0.40	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.61e-03	0.0	90.0	0.40	-2.08	0.0	0.0	0.0	0.0
3300	2	36.01	0.0	-1.36e-03	-3.20	0.0	0.31	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.29e-03	0.0	90.0	0.31	-1.60	0.0	0.0	0.0	0.0
3300	3	36.01	0.0	-1.35e-03	-3.20	0.0	0.31	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.22e-03	0.0	90.0	0.31	-1.60	0.0	0.0	0.0	0.0
3300	4	36.01	0.0	-1.35e-03	-3.20	0.0	0.29	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.06e-03	0.0	90.0	0.29	-1.60	0.0	0.0	0.0	0.0
3300	5	36.01	0.0	-1.35e-03	-3.20	0.0	0.29	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.06e-03	0.0	90.0	0.29	-1.60	0.0	0.0	0.0	0.0
3301	1	46.81	0.0	1.17e-03	-4.16	0.0	0.62	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-7.76e-04	0.0	90.0	0.62	-2.08	0.0	0.0	0.0	0.0
3301	2	36.01	0.0	9.15e-04	-3.20	0.0	0.49	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.23e-04	0.0	90.0	0.49	-1.60	0.0	0.0	0.0	0.0
3301	3	36.01	0.0	8.89e-04	-3.20	0.0	0.47	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.85e-04	0.0	90.0	0.47	-1.60	0.0	0.0	0.0	0.0
3301	4	36.01	0.0	-8.54e-04	-3.20	0.0	0.44	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.13e-04	0.0	90.0	0.44	-1.60	0.0	0.0	0.0	0.0
3301	5	36.01	0.0	-8.54e-04	-3.20	0.0	0.44	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.13e-04	0.0	90.0	0.44	-1.60	0.0	0.0	0.0	0.0
3302	1	46.81	0.0	-2.44e-03	-4.16	0.0	0.92	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.87e-03	0.0	90.0	0.92	-2.08	0.0	0.0	0.0	0.0
3302	2	36.01	0.0	-1.91e-03	-3.20	0.0	0.73	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.50e-03	0.0	90.0	0.73	-1.60	0.0	0.0	0.0	0.0
3302	3	36.01	0.0	-1.86e-03	-3.20	0.0	0.70	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.41e-03	0.0	90.0	0.70	-1.60	0.0	0.0	0.0	0.0
3302	4	36.01	0.0	-1.77e-03	-3.20	0.0	0.63	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.22e-03	0.0	90.0	0.63	-1.60	0.0	0.0	0.0	0.0
3302	5	36.01	0.0	-1.77e-03	-3.20	0.0	0.63	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.22e-03	0.0	90.0	0.63	-1.60	0.0	0.0	0.0	0.0
3303	1	46.81	0.0	-5.07e-03	-4.16	0.0	1.30	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-3.53e-03	0.0	90.0	1.30	-2.08	0.0	0.0	0.0	0.0

3303	2	36.01	0.0	-4.07e-03	-3.20	0.0	1.03	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.86e-03	0.0	90.0	1.03	-1.60	0.0	0.0	0.0	0.0
3303	3	36.01	0.0	-3.83e-03	-3.20	0.0	0.98	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.65e-03	0.0	90.0	0.98	-1.60	0.0	0.0	0.0	0.0
3303	4	36.01	0.0	-3.40e-03	-3.20	0.0	0.88	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.25e-03	0.0	90.0	0.88	-1.60	0.0	0.0	0.0	0.0
3303	5	36.01	0.0	-3.40e-03	-3.20	0.0	0.88	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.25e-03	0.0	90.0	0.88	-1.60	0.0	0.0	0.0	0.0
3304	1	46.81	0.0	-0.01	-4.16	0.0	1.78	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.55e-03	0.0	90.0	1.78	-2.08	0.0	0.0	0.0	0.0
3304	2	36.01	0.0	-0.01	-3.20	0.0	1.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.05e-03	0.0	90.0	1.42	-1.60	0.0	0.0	0.0	0.0
3304	3	36.01	0.0	-9.67e-03	-3.20	0.0	1.35	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.92e-03	0.0	90.0	1.35	-1.60	0.0	0.0	0.0	0.0
3304	4	36.01	0.0	-8.28e-03	-3.20	0.0	1.20	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.66e-03	0.0	90.0	1.20	-1.60	0.0	0.0	0.0	0.0
3304	5	36.01	0.0	-8.28e-03	-3.20	0.0	1.20	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.66e-03	0.0	90.0	1.20	-1.60	0.0	0.0	0.0	0.0
3305	1	46.81	0.0	-0.02	-4.16	0.0	2.38	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.48e-03	0.0	90.0	2.38	-2.08	0.0	0.0	0.0	0.0
3305	2	36.01	0.0	-0.02	-3.20	0.0	1.90	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.17e-03	0.0	90.0	1.90	-1.60	0.0	0.0	0.0	0.0
3305	3	36.01	0.0	-0.02	-3.20	0.0	1.79	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.12e-03	0.0	90.0	1.79	-1.60	0.0	0.0	0.0	0.0
3305	4	36.01	0.0	-0.02	-3.20	0.0	1.58	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.00e-03	0.0	90.0	1.58	-1.60	0.0	0.0	0.0	0.0
3305	5	36.01	0.0	-0.02	-3.20	0.0	1.58	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.00e-03	0.0	90.0	1.58	-1.60	0.0	0.0	0.0	0.0
3306	1	46.81	0.0	9.25e-03	-4.16	0.0	3.30	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-4.21e-03	0.0	90.0	3.30	-2.08	0.0	0.0	0.0	0.0
3306	2	36.01	0.0	7.47e-03	-3.20	0.0	2.65	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.39e-03	0.0	90.0	2.65	-1.60	0.0	0.0	0.0	0.0
3306	3	36.01	0.0	6.96e-03	-3.20	0.0	2.49	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.17e-03	0.0	90.0	2.49	-1.60	0.0	0.0	0.0	0.0
3306	4	36.01	0.0	5.94e-03	-3.20	0.0	2.18	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.73e-03	0.0	90.0	2.18	-1.60	0.0	0.0	0.0	0.0
3306	5	36.01	0.0	5.94e-03	-3.20	0.0	2.18	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.73e-03	0.0	90.0	2.18	-1.60	0.0	0.0	0.0	0.0
3307	1	46.81	0.0	0.03	-4.16	0.0	3.60	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	1.37e-04	0.0	90.0	3.60	-2.08	0.0	0.0	0.0	0.0
3307	2	36.01	0.0	0.02	-3.20	0.0	2.89	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	9.87e-05	0.0	90.0	2.89	-1.60	0.0	0.0	0.0	0.0
3307	3	36.01	0.0	0.02	-3.20	0.0	2.71	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	1.06e-04	0.0	90.0	2.71	-1.60	0.0	0.0	0.0	0.0
3307	4	36.01	0.0	0.02	-3.20	0.0	2.37	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	1.25e-04	0.0	90.0	2.37	-1.60	0.0	0.0	0.0	0.0
3307	5	36.01	0.0	0.02	-3.20	0.0	2.37	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	1.25e-04	0.0	90.0	2.37	-1.60	0.0	0.0	0.0	0.0
3308	1	46.81	0.0	2.58e-03	-4.16	0.0	3.36	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.54e-03	0.0	90.0	3.36	-2.08	0.0	0.0	0.0	0.0
3308	2	36.01	0.0	2.12e-03	-3.20	0.0	2.70	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.05e-03	0.0	90.0	2.70	-1.60	0.0	0.0	0.0	0.0
3308	3	36.01	0.0	1.93e-03	-3.20	0.0	2.54	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.91e-03	0.0	90.0	2.54	-1.60	0.0	0.0	0.0	0.0
3308	4	36.01	0.0	1.55e-03	-3.20	0.0	2.21	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.61e-03	0.0	90.0	2.21	-1.60	0.0	0.0	0.0	0.0
3308	5	36.01	0.0	1.55e-03	-3.20	0.0	2.21	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.61e-03	0.0	90.0	2.21	-1.60	0.0	0.0	0.0	0.0
3309	1	46.81	0.0	-8.87e-03	-4.16	0.0	2.64	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.16e-03	0.0	90.0	2.64	-2.08	0.0	0.0	0.0	0.0
3309	2	36.01	0.0	-7.10e-03	-3.20	0.0	2.12	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.35e-04	0.0	90.0	2.12	-1.60	0.0	0.0	0.0	0.0
3309	3	36.01	0.0	-6.70e-03	-3.20	0.0	1.99	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.72e-04	0.0	90.0	1.99	-1.60	0.0	0.0	0.0	0.0
3309	4	36.01	0.0	-5.91e-03	-3.20	0.0	1.73	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.47e-04	0.0	90.0	1.73	-1.60	0.0	0.0	0.0	0.0
3309	5	36.01	0.0	-5.91e-03	-3.20	0.0	1.73	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.47e-04	0.0	90.0	1.73	-1.60	0.0	0.0	0.0	0.0
3310	1	46.81	0.0	-0.01	-4.16	0.0	1.37	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.07e-03	0.0	90.0	1.37	-2.08	0.0	0.0	0.0	0.0
3310	2	36.01	0.0	-9.82e-03	-3.20	0.0	1.10	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.53e-04	0.0	90.0	1.10	-1.60	0.0	0.0	0.0	0.0
3310	3	36.01	0.0	-9.25e-03	-3.20	0.0	1.03	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.05e-04	0.0	90.0	1.03	-1.60	0.0	0.0	0.0	0.0
3310	4	36.01	0.0	-8.12e-03	-3.20	0.0	0.89	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.08e-04	0.0	90.0	0.89	-1.60	0.0	0.0	0.0	0.0
3310	5	36.01	0.0	-8.12e-03	-3.20	0.0	0.89	1.60	0.0	0.0	0.0	0.0



		0.0	0.0	-7.08e-04	0.0	90.0	0.89	-1.60	0.0	0.0	0.0	0.0
3311	1	46.81	0.0	-0.02	-4.16	0.0	-0.29	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.89e-03	0.0	90.0	-0.29	-2.08	0.0	0.0	0.0	0.0
3311	2	36.01	0.0	-0.01	-3.20	0.0	-0.24	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.33e-03	0.0	90.0	-0.24	-1.60	0.0	0.0	0.0	0.0
3311	3	36.01	0.0	-0.01	-3.20	0.0	-0.22	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.17e-03	0.0	90.0	-0.22	-1.60	0.0	0.0	0.0	0.0
3311	4	36.01	0.0	-0.01	-3.20	0.0	-0.18	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.84e-03	0.0	90.0	-0.18	-1.60	0.0	0.0	0.0	0.0
3311	5	36.01	0.0	-0.01	-3.20	0.0	-0.18	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.84e-03	0.0	90.0	-0.18	-1.60	0.0	0.0	0.0	0.0
3312	1	46.81	0.0	-0.01	-4.16	0.0	-0.54	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.47e-03	0.0	90.0	-0.54	-2.08	0.0	0.0	0.0	0.0
3312	2	36.01	0.0	-0.01	-3.20	0.0	-0.44	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.19e-03	0.0	90.0	-0.44	-1.60	0.0	0.0	0.0	0.0
3312	3	36.01	0.0	-9.42e-03	-3.20	0.0	-0.41	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.11e-03	0.0	90.0	-0.41	-1.60	0.0	0.0	0.0	0.0
3312	4	36.01	0.0	-8.00e-03	-3.20	0.0	-0.34	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.56e-04	0.0	90.0	-0.34	-1.60	0.0	0.0	0.0	0.0
3312	5	36.01	0.0	-8.00e-03	-3.20	0.0	-0.34	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.56e-04	0.0	90.0	-0.34	-1.60	0.0	0.0	0.0	0.0
3313	1	46.81	0.0	-2.91e-03	-4.16	0.0	-0.74	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-6.49e-04	0.0	90.0	-0.74	-2.08	0.0	0.0	0.0	0.0
3313	2	36.01	0.0	-2.36e-03	-3.20	0.0	-0.61	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.11e-04	0.0	90.0	-0.61	-1.60	0.0	0.0	0.0	0.0
3313	3	36.01	0.0	-2.19e-03	-3.20	0.0	-0.56	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.99e-04	0.0	90.0	-0.56	-1.60	0.0	0.0	0.0	0.0
3313	4	36.01	0.0	-1.86e-03	-3.20	0.0	-0.46	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.68e-04	0.0	90.0	-0.46	-1.60	0.0	0.0	0.0	0.0
3313	5	36.01	0.0	-1.86e-03	-3.20	0.0	-0.46	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.68e-04	0.0	90.0	-0.46	-1.60	0.0	0.0	0.0	0.0
3314	1	46.81	0.0	-2.77e-03	-4.16	0.0	-0.84	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.45e-03	0.0	90.0	-0.84	-2.08	0.0	0.0	0.0	0.0
3314	2	36.01	0.0	-2.18e-03	-3.20	0.0	-0.69	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.16e-03	0.0	90.0	-0.69	-1.60	0.0	0.0	0.0	0.0
3314	3	36.01	0.0	-2.11e-03	-3.20	0.0	-0.63	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.09e-03	0.0	90.0	-0.63	-1.60	0.0	0.0	0.0	0.0
3314	4	36.01	0.0	-1.95e-03	-3.20	0.0	-0.52	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.49e-04	0.0	90.0	-0.52	-1.60	0.0	0.0	0.0	0.0
3314	5	36.01	0.0	-1.95e-03	-3.20	0.0	-0.52	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.49e-04	0.0	90.0	-0.52	-1.60	0.0	0.0	0.0	0.0
3315	1	46.81	0.0	-2.52e-03	-4.16	0.0	-0.86	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.93e-03	0.0	90.0	-0.86	-2.08	0.0	0.0	0.0	0.0
3315	2	36.01	0.0	-1.94e-03	-3.20	0.0	-0.70	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.37e-03	0.0	90.0	-0.70	-1.60	0.0	0.0	0.0	0.0
3315	3	36.01	0.0	-1.93e-03	-3.20	0.0	-0.64	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.20e-03	0.0	90.0	-0.64	-1.60	0.0	0.0	0.0	0.0
3315	4	36.01	0.0	-1.91e-03	-3.20	0.0	-0.52	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.87e-03	0.0	90.0	-0.52	-1.60	0.0	0.0	0.0	0.0
3315	5	36.01	0.0	-1.91e-03	-3.20	0.0	-0.52	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.87e-03	0.0	90.0	-0.52	-1.60	0.0	0.0	0.0	0.0
3316	1	46.81	0.0	-4.56e-03	-4.16	0.0	-0.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.56e-03	0.0	90.0	-0.85	-2.08	0.0	0.0	0.0	0.0
3316	2	36.01	0.0	-3.66e-03	-3.20	0.0	-0.70	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.24e-03	0.0	90.0	-0.70	-1.60	0.0	0.0	0.0	0.0
3316	3	36.01	0.0	-3.45e-03	-3.20	0.0	-0.64	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.17e-03	0.0	90.0	-0.64	-1.60	0.0	0.0	0.0	0.0
3316	4	36.01	0.0	-3.06e-03	-3.20	0.0	-0.52	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.03e-03	0.0	90.0	-0.52	-1.60	0.0	0.0	0.0	0.0
3316	5	36.01	0.0	-3.06e-03	-3.20	0.0	-0.52	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.03e-03	0.0	90.0	-0.52	-1.60	0.0	0.0	0.0	0.0
3317	1	46.81	0.0	4.14e-03	-4.16	0.0	-0.77	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-9.77e-04	0.0	90.0	-0.77	-2.08	0.0	0.0	0.0	0.0
3317	2	36.01	0.0	3.29e-03	-3.20	0.0	-0.63	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.91e-04	0.0	90.0	-0.63	-1.60	0.0	0.0	0.0	0.0
3317	3	36.01	0.0	3.15e-03	-3.20	0.0	-0.58	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.33e-04	0.0	90.0	-0.58	-1.60	0.0	0.0	0.0	0.0
3317	4	36.01	0.0	2.85e-03	-3.20	0.0	-0.46	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.25e-04	0.0	90.0	-0.46	-1.60	0.0	0.0	0.0	0.0
3317	5	36.01	0.0	2.85e-03	-3.20	0.0	-0.46	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.25e-04	0.0	90.0	-0.46	-1.60	0.0	0.0	0.0	0.0
3318	1	46.81	0.0	-2.05e-03	-4.16	0.0	-0.65	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.89e-03	0.0	90.0	-0.65	-2.08	0.0	0.0	0.0	0.0
3318	2	36.01	0.0	-1.60e-03	-3.20	0.0	-0.54	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.52e-03	0.0	90.0	-0.54	-1.60	0.0	0.0	0.0	0.0
3318	3	36.01	0.0	-1.57e-03	-3.20	0.0	-0.48	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.42e-03	0.0	90.0	-0.48	-1.60	0.0	0.0	0.0	0.0

3318	4	36.01	0.0	-1.52e-03	-3.20	0.0	-0.38	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.24e-03	0.0	90.0	-0.38	-1.60	0.0	0.0	0.0	0.0
3318	5	36.01	0.0	-1.52e-03	-3.20	0.0	-0.38	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.24e-03	0.0	90.0	-0.38	-1.60	0.0	0.0	0.0	0.0
3319	1	46.81	0.0	-4.98e-03	-4.16	0.0	-0.59	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-3.46e-03	0.0	90.0	-0.59	-2.08	0.0	0.0	0.0	0.0
3319	2	36.01	0.0	-3.96e-03	-3.20	0.0	-0.49	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.80e-03	0.0	90.0	-0.49	-1.60	0.0	0.0	0.0	0.0
3319	3	36.01	0.0	-3.78e-03	-3.20	0.0	-0.44	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.60e-03	0.0	90.0	-0.44	-1.60	0.0	0.0	0.0	0.0
3319	4	36.01	0.0	-3.43e-03	-3.20	0.0	-0.34	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.22e-03	0.0	90.0	-0.34	-1.60	0.0	0.0	0.0	0.0
3319	5	36.01	0.0	-3.43e-03	-3.20	0.0	-0.34	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.22e-03	0.0	90.0	-0.34	-1.60	0.0	0.0	0.0	0.0
3320	1	46.81	0.0	-0.01	-4.16	0.0	-0.66	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.84e-03	0.0	90.0	-0.66	-2.08	0.0	0.0	0.0	0.0
3320	2	36.01	0.0	-0.01	-3.20	0.0	-0.54	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.29e-03	0.0	90.0	-0.54	-1.60	0.0	0.0	0.0	0.0
3320	3	36.01	0.0	-9.93e-03	-3.20	0.0	-0.49	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.14e-03	0.0	90.0	-0.49	-1.60	0.0	0.0	0.0	0.0
3320	4	36.01	0.0	-8.50e-03	-3.20	0.0	-0.38	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.84e-03	0.0	90.0	-0.38	-1.60	0.0	0.0	0.0	0.0
3320	5	36.01	0.0	-8.50e-03	-3.20	0.0	-0.38	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.84e-03	0.0	90.0	-0.38	-1.60	0.0	0.0	0.0	0.0
3321	1	46.81	0.0	-0.02	-4.16	0.0	-0.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.74e-03	0.0	90.0	-0.85	-2.08	0.0	0.0	0.0	0.0
3321	2	36.01	0.0	-0.02	-3.20	0.0	-0.70	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.19e-03	0.0	90.0	-0.70	-1.60	0.0	0.0	0.0	0.0
3321	3	36.01	0.0	-0.02	-3.20	0.0	-0.64	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.07e-03	0.0	90.0	-0.64	-1.60	0.0	0.0	0.0	0.0
3321	4	36.01	0.0	-0.01	-3.20	0.0	-0.50	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.82e-03	0.0	90.0	-0.50	-1.60	0.0	0.0	0.0	0.0
3321	5	36.01	0.0	-0.01	-3.20	0.0	-0.50	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.82e-03	0.0	90.0	-0.50	-1.60	0.0	0.0	0.0	0.0
3322	1	46.81	0.0	0.01	-4.16	0.0	-0.57	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-3.10e-03	0.0	90.0	-0.57	-2.08	0.0	0.0	0.0	0.0
3322	2	36.01	0.0	0.01	-3.20	0.0	-0.48	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.50e-03	0.0	90.0	-0.48	-1.60	0.0	0.0	0.0	0.0
3322	3	36.01	0.0	0.01	-3.20	0.0	-0.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.34e-03	0.0	90.0	-0.42	-1.60	0.0	0.0	0.0	0.0
3322	4	36.01	0.0	8.97e-03	-3.20	0.0	-0.32	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.01e-03	0.0	90.0	-0.32	-1.60	0.0	0.0	0.0	0.0
3322	5	36.01	0.0	8.97e-03	-3.20	0.0	-0.32	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.01e-03	0.0	90.0	-0.32	-1.60	0.0	0.0	0.0	0.0
3323	1	46.81	0.0	0.02	-4.16	0.0	-0.04	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	1.55e-04	0.0	90.0	-0.04	-2.08	0.0	0.0	0.0	0.0
3323	2	36.01	0.0	0.01	-3.20	0.0	-0.05	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	1.15e-04	0.0	90.0	-0.05	-1.60	0.0	0.0	0.0	0.0
3323	3	36.01	0.0	0.01	-3.20	0.0	-0.02	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	1.20e-04	0.0	90.0	-0.02	-1.60	0.0	0.0	0.0	0.0
3323	4	36.01	0.0	0.01	-3.20	0.0	0.02	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	1.32e-04	0.0	90.0	0.02	-1.60	0.0	0.0	0.0	0.0
3323	5	36.01	0.0	0.01	-3.20	0.0	0.02	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	1.32e-04	0.0	90.0	0.02	-1.60	0.0	0.0	0.0	0.0
3324	1	46.81	0.0	5.71e-03	-4.16	0.0	0.81	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.09e-03	0.0	90.0	0.81	-2.08	0.0	0.0	0.0	0.0
3324	2	36.01	0.0	4.70e-03	-3.20	0.0	0.64	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.69e-03	0.0	90.0	0.64	-1.60	0.0	0.0	0.0	0.0
3324	3	36.01	0.0	4.26e-03	-3.20	0.0	0.62	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.57e-03	0.0	90.0	0.62	-1.60	0.0	0.0	0.0	0.0
3324	4	36.01	0.0	3.37e-03	-3.20	0.0	0.56	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.33e-03	0.0	90.0	0.56	-1.60	0.0	0.0	0.0	0.0
3324	5	36.01	0.0	3.37e-03	-3.20	0.0	0.56	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.33e-03	0.0	90.0	0.56	-1.60	0.0	0.0	0.0	0.0
3325	1	46.81	0.0	-0.01	-4.16	0.0	1.25	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.90e-03	0.0	90.0	1.25	-2.08	0.0	0.0	0.0	0.0
3325	2	36.01	0.0	-9.41e-03	-3.20	0.0	1.00	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.53e-03	0.0	90.0	1.00	-1.60	0.0	0.0	0.0	0.0
3325	3	36.01	0.0	-8.87e-03	-3.20	0.0	0.94	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.43e-03	0.0	90.0	0.94	-1.60	0.0	0.0	0.0	0.0
3325	4	36.01	0.0	-7.76e-03	-3.20	0.0	0.83	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.21e-03	0.0	90.0	0.83	-1.60	0.0	0.0	0.0	0.0
3325	5	36.01	0.0	-7.76e-03	-3.20	0.0	0.83	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.21e-03	0.0	90.0	0.83	-1.60	0.0	0.0	0.0	0.0
3326	1	46.81	0.0	-0.02	-4.16	0.0	0.08	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.64e-03	0.0	90.0	0.08	-2.08	0.0	0.0	0.0	0.0
3326	2	36.01	0.0	-0.01	-3.20	0.0	0.06	1.60	0.0	0.0	0.0	0.0

		0.0	0.0	-1.32e-03	0.0	90.0	0.06	-1.60	0.0	0.0	0.0	0.0
3326	3	36.01	0.0	-0.01	-3.20	0.0	0.06	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.24e-03	0.0	90.0	0.06	-1.60	0.0	0.0	0.0	0.0
3326	4	36.01	0.0	-0.01	-3.20	0.0	0.06	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.09e-03	0.0	90.0	0.06	-1.60	0.0	0.0	0.0	0.0
3326	5	36.01	0.0	-0.01	-3.20	0.0	0.06	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.09e-03	0.0	90.0	0.06	-1.60	0.0	0.0	0.0	0.0
3327	1	46.81	0.0	-0.01	-4.16	0.0	0.17	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.82e-03	0.0	90.0	0.17	-2.08	0.0	0.0	0.0	0.0
3327	2	36.01	0.0	-0.01	-3.20	0.0	0.13	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.27e-03	0.0	90.0	0.13	-1.60	0.0	0.0	0.0	0.0
3327	3	36.01	0.0	-0.01	-3.20	0.0	0.13	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.12e-03	0.0	90.0	0.13	-1.60	0.0	0.0	0.0	0.0
3327	4	36.01	0.0	-9.48e-03	-3.20	0.0	0.13	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.81e-03	0.0	90.0	0.13	-1.60	0.0	0.0	0.0	0.0
3327	5	36.01	0.0	-9.48e-03	-3.20	0.0	0.13	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.81e-03	0.0	90.0	0.13	-1.60	0.0	0.0	0.0	0.0
3328	1	46.81	0.0	-2.40e-03	-4.16	0.0	0.31	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.84e-03	0.0	90.0	0.31	-2.08	0.0	0.0	0.0	0.0
3328	2	36.01	0.0	-1.93e-03	-3.20	0.0	0.24	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.30e-03	0.0	90.0	0.24	-1.60	0.0	0.0	0.0	0.0
3328	3	36.01	0.0	-1.80e-03	-3.20	0.0	0.24	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.14e-03	0.0	90.0	0.24	-1.60	0.0	0.0	0.0	0.0
3328	4	36.01	0.0	-1.56e-03	-3.20	0.0	0.23	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.82e-03	0.0	90.0	0.23	-1.60	0.0	0.0	0.0	0.0
3328	5	36.01	0.0	-1.56e-03	-3.20	0.0	0.23	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.82e-03	0.0	90.0	0.23	-1.60	0.0	0.0	0.0	0.0
3329	1	46.81	0.0	-2.48e-03	-4.16	0.0	0.56	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.62e-03	0.0	90.0	0.56	-2.08	0.0	0.0	0.0	0.0
3329	2	36.01	0.0	-1.95e-03	-3.20	0.0	0.44	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.30e-03	0.0	90.0	0.44	-1.60	0.0	0.0	0.0	0.0
3329	3	36.01	0.0	-1.89e-03	-3.20	0.0	0.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.22e-03	0.0	90.0	0.43	-1.60	0.0	0.0	0.0	0.0
3329	4	36.01	0.0	-1.76e-03	-3.20	0.0	0.40	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.06e-03	0.0	90.0	0.40	-1.60	0.0	0.0	0.0	0.0
3329	5	36.01	0.0	-1.76e-03	-3.20	0.0	0.40	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.06e-03	0.0	90.0	0.40	-1.60	0.0	0.0	0.0	0.0
3330	1	46.81	0.0	-2.25e-03	-4.16	0.0	0.87	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-5.76e-04	0.0	90.0	0.87	-2.08	0.0	0.0	0.0	0.0
3330	2	36.01	0.0	-1.73e-03	-3.20	0.0	0.69	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.55e-04	0.0	90.0	0.69	-1.60	0.0	0.0	0.0	0.0
3330	3	36.01	0.0	-1.73e-03	-3.20	0.0	0.67	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.35e-04	0.0	90.0	0.67	-1.60	0.0	0.0	0.0	0.0
3330	4	36.01	0.0	-1.73e-03	-3.20	0.0	0.61	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.97e-04	0.0	90.0	0.61	-1.60	0.0	0.0	0.0	0.0
3330	5	36.01	0.0	-1.73e-03	-3.20	0.0	0.61	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.97e-04	0.0	90.0	0.61	-1.60	0.0	0.0	0.0	0.0
3331	1	46.81	0.0	-8.46e-03	-4.16	0.0	1.22	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	5.35e-04	0.0	90.0	1.22	-2.08	0.0	0.0	0.0	0.0
3331	2	36.01	0.0	-6.81e-03	-3.20	0.0	0.97	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	4.45e-04	0.0	90.0	0.97	-1.60	0.0	0.0	0.0	0.0
3331	3	36.01	0.0	-6.38e-03	-3.20	0.0	0.93	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	3.99e-04	0.0	90.0	0.93	-1.60	0.0	0.0	0.0	0.0
3331	4	36.01	0.0	-5.53e-03	-3.20	0.0	0.84	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	3.10e-04	0.0	90.0	0.84	-1.60	0.0	0.0	0.0	0.0
3331	5	36.01	0.0	-5.53e-03	-3.20	0.0	0.84	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	3.10e-04	0.0	90.0	0.84	-1.60	0.0	0.0	0.0	0.0
3332	1	46.81	0.0	7.40e-03	-4.16	0.0	1.65	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-5.44e-03	0.0	90.0	1.65	-2.08	0.0	0.0	0.0	0.0
3332	2	36.01	0.0	5.92e-03	-3.20	0.0	1.32	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.41e-03	0.0	90.0	1.32	-1.60	0.0	0.0	0.0	0.0
3332	3	36.01	0.0	5.61e-03	-3.20	0.0	1.25	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.09e-03	0.0	90.0	1.25	-1.60	0.0	0.0	0.0	0.0
3332	4	36.01	0.0	4.97e-03	-3.20	0.0	1.12	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.46e-03	0.0	90.0	1.12	-1.60	0.0	0.0	0.0	0.0
3332	5	36.01	0.0	4.97e-03	-3.20	0.0	1.12	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.46e-03	0.0	90.0	1.12	-1.60	0.0	0.0	0.0	0.0
3333	1	46.81	0.0	1.65e-03	-4.16	0.0	2.24	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.01e-03	0.0	90.0	2.24	-2.08	0.0	0.0	0.0	0.0
3333	2	36.01	0.0	1.32e-03	-3.20	0.0	1.79	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.62e-03	0.0	90.0	1.79	-1.60	0.0	0.0	0.0	0.0
3333	3	36.01	0.0	1.24e-03	-3.20	0.0	1.70	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.51e-03	0.0	90.0	1.70	-1.60	0.0	0.0	0.0	0.0
3333	4	36.01	0.0	1.08e-03	-3.20	0.0	1.51	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.31e-03	0.0	90.0	1.51	-1.60	0.0	0.0	0.0	0.0
3333	5	36.01	0.0	1.08e-03	-3.20	0.0	1.51	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.31e-03	0.0	90.0	1.51	-1.60	0.0	0.0	0.0	0.0

3334	1	46.81	0.0	-1.78e-03	-4.16	0.0	2.80	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.59e-03	0.0	90.0	2.80	-2.08	0.0	0.0	0.0	0.0
3334	2	36.01	0.0	-1.36e-03	-3.20	0.0	2.24	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.27e-03	0.0	90.0	2.24	-1.60	0.0	0.0	0.0	0.0
3334	3	36.01	0.0	-1.38e-03	-3.20	0.0	2.12	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.20e-03	0.0	90.0	2.12	-1.60	0.0	0.0	0.0	0.0
3334	4	36.01	0.0	-1.43e-03	-3.20	0.0	1.87	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.05e-03	0.0	90.0	1.87	-1.60	0.0	0.0	0.0	0.0
3334	5	36.01	0.0	-1.43e-03	-3.20	0.0	1.87	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.05e-03	0.0	90.0	1.87	-1.60	0.0	0.0	0.0	0.0
3335	1	46.81	0.0	-9.15e-03	-4.16	0.0	3.27	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-3.51e-03	0.0	90.0	3.27	-2.08	0.0	0.0	0.0	0.0
3335	2	36.01	0.0	-7.37e-03	-3.20	0.0	2.62	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.83e-03	0.0	90.0	2.62	-1.60	0.0	0.0	0.0	0.0
3335	3	36.01	0.0	-6.87e-03	-3.20	0.0	2.47	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.64e-03	0.0	90.0	2.47	-1.60	0.0	0.0	0.0	0.0
3335	4	36.01	0.0	-5.91e-03	-3.20	0.0	2.17	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.27e-03	0.0	90.0	2.17	-1.60	0.0	0.0	0.0	0.0
3335	5	36.01	0.0	-5.91e-03	-3.20	0.0	2.17	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.27e-03	0.0	90.0	2.17	-1.60	0.0	0.0	0.0	0.0
3336	1	46.81	0.0	4.74e-03	-4.16	0.0	3.57	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-5.56e-03	0.0	90.0	3.57	-2.08	0.0	0.0	0.0	0.0
3336	2	36.01	0.0	3.77e-03	-3.20	0.0	2.86	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.49e-03	0.0	90.0	2.86	-1.60	0.0	0.0	0.0	0.0
3336	3	36.01	0.0	3.59e-03	-3.20	0.0	2.70	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.18e-03	0.0	90.0	2.70	-1.60	0.0	0.0	0.0	0.0
3336	4	36.01	0.0	3.24e-03	-3.20	0.0	2.37	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.58e-03	0.0	90.0	2.37	-1.60	0.0	0.0	0.0	0.0
3336	5	36.01	0.0	3.24e-03	-3.20	0.0	2.37	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.58e-03	0.0	90.0	2.37	-1.60	0.0	0.0	0.0	0.0
3337	1	46.81	0.0	1.72e-03	-4.16	0.0	3.87	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.77e-03	0.0	90.0	3.87	-2.08	0.0	0.0	0.0	0.0
3337	2	36.01	0.0	1.38e-03	-3.20	0.0	3.10	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.42e-03	0.0	90.0	3.10	-1.60	0.0	0.0	0.0	0.0
3337	3	36.01	0.0	1.30e-03	-3.20	0.0	2.92	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.34e-03	0.0	90.0	2.92	-1.60	0.0	0.0	0.0	0.0
3337	4	36.01	0.0	1.14e-03	-3.20	0.0	2.56	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.16e-03	0.0	90.0	2.56	-1.60	0.0	0.0	0.0	0.0
3337	5	36.01	0.0	1.14e-03	-3.20	0.0	2.56	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.16e-03	0.0	90.0	2.56	-1.60	0.0	0.0	0.0	0.0
3338	1	46.81	0.0	-1.18e-03	-4.16	0.0	3.97	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	1.40e-04	0.0	90.0	3.97	-2.08	0.0	0.0	0.0	0.0
3338	2	36.01	0.0	-8.81e-04	-3.20	0.0	3.18	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	1.10e-04	0.0	90.0	3.18	-1.60	0.0	0.0	0.0	0.0
3338	3	36.01	0.0	-9.17e-04	-3.20	0.0	3.00	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	1.08e-04	0.0	90.0	3.00	-1.60	0.0	0.0	0.0	0.0
3338	4	36.01	0.0	-9.88e-04	-3.20	0.0	2.63	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	1.04e-04	0.0	90.0	2.63	-1.60	0.0	0.0	0.0	0.0
3338	5	36.01	0.0	-9.88e-04	-3.20	0.0	2.63	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	1.04e-04	0.0	90.0	2.63	-1.60	0.0	0.0	0.0	0.0
3339	1	46.81	0.0	-2.51e-03	-4.16	0.0	3.81	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	5.22e-04	0.0	90.0	3.81	-2.08	0.0	0.0	0.0	0.0
3339	2	36.01	0.0	-1.91e-03	-3.20	0.0	3.06	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	4.31e-04	0.0	90.0	3.06	-1.60	0.0	0.0	0.0	0.0
3339	3	36.01	0.0	-1.94e-03	-3.20	0.0	2.88	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	3.89e-04	0.0	90.0	2.88	-1.60	0.0	0.0	0.0	0.0
3339	4	36.01	0.0	-2.02e-03	-3.20	0.0	2.51	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	3.04e-04	0.0	90.0	2.51	-1.60	0.0	0.0	0.0	0.0
3339	5	36.01	0.0	-2.02e-03	-3.20	0.0	2.51	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	3.04e-04	0.0	90.0	2.51	-1.60	0.0	0.0	0.0	0.0
3340	1	46.81	0.0	-0.01	-4.16	0.0	0.07	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.46e-03	0.0	90.0	0.07	-2.08	0.0	0.0	0.0	0.0
3340	2	36.01	0.0	-0.01	-3.20	0.0	0.06	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.17e-03	0.0	90.0	0.06	-1.60	0.0	0.0	0.0	0.0
3340	3	36.01	0.0	-0.01	-3.20	0.0	0.06	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.10e-03	0.0	90.0	0.06	-1.60	0.0	0.0	0.0	0.0
3340	4	36.01	0.0	-9.49e-03	-3.20	0.0	0.05	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.79e-04	0.0	90.0	0.05	-1.60	0.0	0.0	0.0	0.0
3340	5	36.01	0.0	-9.49e-03	-3.20	0.0	0.05	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.79e-04	0.0	90.0	0.05	-1.60	0.0	0.0	0.0	0.0
3341	1	46.81	0.0	-9.20e-03	-4.16	0.0	0.21	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-3.37e-03	0.0	90.0	0.21	-2.08	0.0	0.0	0.0	0.0
3341	2	36.01	0.0	-7.44e-03	-3.20	0.0	0.17	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.72e-03	0.0	90.0	0.17	-1.60	0.0	0.0	0.0	0.0
3341	3	36.01	0.0	-6.91e-03	-3.20	0.0	0.16	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.54e-03	0.0	90.0	0.16	-1.60	0.0	0.0	0.0	0.0
3341	4	36.01	0.0	-5.85e-03	-3.20	0.0	0.14	1.60	0.0	0.0	0.0	0.0



		0.0	0.0	-2.17e-03	0.0	90.0	0.14	-1.60	0.0	0.0	0.0	0.0
3341	5	36.01	0.0	-5.85e-03	-3.20	0.0	0.14	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.17e-03	0.0	90.0	0.14	-1.60	0.0	0.0	0.0	0.0
3342	1	46.81	0.0	-2.16e-03	-4.16	0.0	0.40	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.82e-03	0.0	90.0	0.40	-2.08	0.0	0.0	0.0	0.0
3342	2	36.01	0.0	-1.70e-03	-3.20	0.0	0.32	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.29e-03	0.0	90.0	0.32	-1.60	0.0	0.0	0.0	0.0
3342	3	36.01	0.0	-1.64e-03	-3.20	0.0	0.30	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.12e-03	0.0	90.0	0.30	-1.60	0.0	0.0	0.0	0.0
3342	4	36.01	0.0	-1.52e-03	-3.20	0.0	0.27	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.79e-03	0.0	90.0	0.27	-1.60	0.0	0.0	0.0	0.0
3342	5	36.01	0.0	-1.52e-03	-3.20	0.0	0.27	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.79e-03	0.0	90.0	0.27	-1.60	0.0	0.0	0.0	0.0
3343	1	46.81	0.0	-2.28e-03	-4.16	0.0	0.66	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.59e-03	0.0	90.0	0.66	-2.08	0.0	0.0	0.0	0.0
3343	2	36.01	0.0	-1.78e-03	-3.20	0.0	0.53	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.28e-03	0.0	90.0	0.53	-1.60	0.0	0.0	0.0	0.0
3343	3	36.01	0.0	-1.74e-03	-3.20	0.0	0.50	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.20e-03	0.0	90.0	0.50	-1.60	0.0	0.0	0.0	0.0
3343	4	36.01	0.0	-1.66e-03	-3.20	0.0	0.44	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.04e-03	0.0	90.0	0.44	-1.60	0.0	0.0	0.0	0.0
3343	5	36.01	0.0	-1.66e-03	-3.20	0.0	0.44	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.04e-03	0.0	90.0	0.44	-1.60	0.0	0.0	0.0	0.0
3344	1	46.81	0.0	-2.44e-03	-4.16	0.0	0.97	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-3.50e-04	0.0	90.0	0.97	-2.08	0.0	0.0	0.0	0.0
3344	2	36.01	0.0	-1.91e-03	-3.20	0.0	0.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.72e-04	0.0	90.0	0.77	-1.60	0.0	0.0	0.0	0.0
3344	3	36.01	0.0	-1.87e-03	-3.20	0.0	0.73	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.65e-04	0.0	90.0	0.73	-1.60	0.0	0.0	0.0	0.0
3344	4	36.01	0.0	-1.79e-03	-3.20	0.0	0.64	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.55e-04	0.0	90.0	0.64	-1.60	0.0	0.0	0.0	0.0
3344	5	36.01	0.0	-1.79e-03	-3.20	0.0	0.64	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.55e-04	0.0	90.0	0.64	-1.60	0.0	0.0	0.0	0.0
3345	1	46.81	0.0	1.36e-03	-4.16	0.0	1.30	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	1.28e-03	0.0	90.0	1.30	-2.08	0.0	0.0	0.0	0.0
3345	2	36.01	0.0	1.09e-03	-3.20	0.0	1.04	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	1.05e-03	0.0	90.0	1.04	-1.60	0.0	0.0	0.0	0.0
3345	3	36.01	0.0	1.02e-03	-3.20	0.0	0.99	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	9.61e-04	0.0	90.0	0.99	-1.60	0.0	0.0	0.0	0.0
3345	4	36.01	0.0	8.70e-04	-3.20	0.0	0.86	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	7.90e-04	0.0	90.0	0.86	-1.60	0.0	0.0	0.0	0.0
3345	5	36.01	0.0	8.70e-04	-3.20	0.0	0.86	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	7.90e-04	0.0	90.0	0.86	-1.60	0.0	0.0	0.0	0.0
3346	1	46.81	0.0	-1.53e-03	-4.16	0.0	1.67	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-6.54e-03	0.0	90.0	1.67	-2.08	0.0	0.0	0.0	0.0
3346	2	36.01	0.0	-1.18e-03	-3.20	0.0	1.34	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.29e-03	0.0	90.0	1.34	-1.60	0.0	0.0	0.0	0.0
3346	3	36.01	0.0	-1.18e-03	-3.20	0.0	1.26	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.91e-03	0.0	90.0	1.26	-1.60	0.0	0.0	0.0	0.0
3346	4	36.01	0.0	-1.17e-03	-3.20	0.0	1.10	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.16e-03	0.0	90.0	1.10	-1.60	0.0	0.0	0.0	0.0
3346	5	36.01	0.0	-1.17e-03	-3.20	0.0	1.10	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.16e-03	0.0	90.0	1.10	-1.60	0.0	0.0	0.0	0.0
3347	1	46.81	0.0	-1.31e-03	-4.16	0.0	1.99	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.00e-03	0.0	90.0	1.99	-2.08	0.0	0.0	0.0	0.0
3347	2	36.01	0.0	-9.98e-04	-3.20	0.0	1.60	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.61e-03	0.0	90.0	1.60	-1.60	0.0	0.0	0.0	0.0
3347	3	36.01	0.0	-1.01e-03	-3.20	0.0	1.50	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.50e-03	0.0	90.0	1.50	-1.60	0.0	0.0	0.0	0.0
3347	4	36.01	0.0	-1.04e-03	-3.20	0.0	1.31	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.30e-03	0.0	90.0	1.31	-1.60	0.0	0.0	0.0	0.0
3347	5	36.01	0.0	-1.04e-03	-3.20	0.0	1.31	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.30e-03	0.0	90.0	1.31	-1.60	0.0	0.0	0.0	0.0
3348	1	46.81	0.0	-1.95e-03	-4.16	0.0	2.26	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.29e-03	0.0	90.0	2.26	-2.08	0.0	0.0	0.0	0.0
3348	2	36.01	0.0	-1.50e-03	-3.20	0.0	1.81	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.03e-03	0.0	90.0	1.81	-1.60	0.0	0.0	0.0	0.0
3348	3	36.01	0.0	-1.49e-03	-3.20	0.0	1.71	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.73e-04	0.0	90.0	1.71	-1.60	0.0	0.0	0.0	0.0
3348	4	36.01	0.0	-1.47e-03	-3.20	0.0	1.48	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.62e-04	0.0	90.0	1.48	-1.60	0.0	0.0	0.0	0.0
3348	5	36.01	0.0	-1.47e-03	-3.20	0.0	1.48	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.62e-04	0.0	90.0	1.48	-1.60	0.0	0.0	0.0	0.0
3349	1	46.81	0.0	-2.49e-03	-4.16	0.0	2.43	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-3.98e-03	0.0	90.0	2.43	-2.08	0.0	0.0	0.0	0.0
3349	2	36.01	0.0	-1.95e-03	-3.20	0.0	1.95	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.21e-03	0.0	90.0	1.95	-1.60	0.0	0.0	0.0	0.0



3349	3	36.01	0.0	-1.90e-03	-3.20	0.0	1.84	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.99e-03	0.0	90.0	1.84	-1.60	0.0	0.0	0.0	0.0
3349	4	36.01	0.0	-1.80e-03	-3.20	0.0	1.60	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.57e-03	0.0	90.0	1.60	-1.60	0.0	0.0	0.0	0.0
3349	5	36.01	0.0	-1.80e-03	-3.20	0.0	1.60	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.57e-03	0.0	90.0	1.60	-1.60	0.0	0.0	0.0	0.0
3350	1	46.81	0.0	4.57e-03	-4.16	0.0	2.48	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-4.70e-03	0.0	90.0	2.48	-2.08	0.0	0.0	0.0	0.0
3350	2	36.01	0.0	3.66e-03	-3.20	0.0	1.99	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.80e-03	0.0	90.0	1.99	-1.60	0.0	0.0	0.0	0.0
3350	3	36.01	0.0	3.45e-03	-3.20	0.0	1.87	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.54e-03	0.0	90.0	1.87	-1.60	0.0	0.0	0.0	0.0
3350	4	36.01	0.0	3.02e-03	-3.20	0.0	1.63	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.01e-03	0.0	90.0	1.63	-1.60	0.0	0.0	0.0	0.0
3350	5	36.01	0.0	3.02e-03	-3.20	0.0	1.63	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.01e-03	0.0	90.0	1.63	-1.60	0.0	0.0	0.0	0.0
3351	1	46.81	0.0	-1.78e-03	-4.16	0.0	2.41	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.00e-03	0.0	90.0	2.41	-2.08	0.0	0.0	0.0	0.0
3351	2	36.01	0.0	-1.38e-03	-3.20	0.0	1.94	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.61e-03	0.0	90.0	1.94	-1.60	0.0	0.0	0.0	0.0
3351	3	36.01	0.0	-1.37e-03	-3.20	0.0	1.82	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.51e-03	0.0	90.0	1.82	-1.60	0.0	0.0	0.0	0.0
3351	4	36.01	0.0	-1.34e-03	-3.20	0.0	1.58	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.31e-03	0.0	90.0	1.58	-1.60	0.0	0.0	0.0	0.0
3351	5	36.01	0.0	-1.34e-03	-3.20	0.0	1.58	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.31e-03	0.0	90.0	1.58	-1.60	0.0	0.0	0.0	0.0
3352	1	46.81	0.0	-2.91e-03	-4.16	0.0	2.22	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.09e-04	0.0	90.0	2.22	-2.08	0.0	0.0	0.0	0.0
3352	2	36.01	0.0	-2.28e-03	-3.20	0.0	1.78	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.69e-04	0.0	90.0	1.78	-1.60	0.0	0.0	0.0	0.0
3352	3	36.01	0.0	-2.22e-03	-3.20	0.0	1.68	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.56e-04	0.0	90.0	1.68	-1.60	0.0	0.0	0.0	0.0
3352	4	36.01	0.0	-2.09e-03	-3.20	0.0	1.45	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.30e-04	0.0	90.0	1.45	-1.60	0.0	0.0	0.0	0.0
3352	5	36.01	0.0	-2.09e-03	-3.20	0.0	1.45	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.30e-04	0.0	90.0	1.45	-1.60	0.0	0.0	0.0	0.0
3353	1	46.81	0.0	-4.21e-03	-4.16	0.0	1.91	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-4.79e-05	0.0	90.0	1.91	-2.08	0.0	0.0	0.0	0.0
3353	2	36.01	0.0	-3.32e-03	-3.20	0.0	1.53	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.38e-05	0.0	90.0	1.53	-1.60	0.0	0.0	0.0	0.0
3353	3	36.01	0.0	-3.20e-03	-3.20	0.0	1.44	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.11e-05	0.0	90.0	1.44	-1.60	0.0	0.0	0.0	0.0
3353	4	36.01	0.0	-2.96e-03	-3.20	0.0	1.25	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.96e-05	0.0	90.0	1.25	-1.60	0.0	0.0	0.0	0.0
3353	5	36.01	0.0	-2.96e-03	-3.20	0.0	1.25	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.96e-05	0.0	90.0	1.25	-1.60	0.0	0.0	0.0	0.0
3354	1	46.81	0.0	-0.01	-4.16	0.0	1.48	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.25e-03	0.0	90.0	1.48	-2.08	0.0	0.0	0.0	0.0
3354	2	36.01	0.0	-9.90e-03	-3.20	0.0	1.19	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.82e-03	0.0	90.0	1.19	-1.60	0.0	0.0	0.0	0.0
3354	3	36.01	0.0	-9.32e-03	-3.20	0.0	1.12	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.69e-03	0.0	90.0	1.12	-1.60	0.0	0.0	0.0	0.0
3354	4	36.01	0.0	-8.17e-03	-3.20	0.0	0.97	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.44e-03	0.0	90.0	0.97	-1.60	0.0	0.0	0.0	0.0
3354	5	36.01	0.0	-8.17e-03	-3.20	0.0	0.97	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.44e-03	0.0	90.0	0.97	-1.60	0.0	0.0	0.0	0.0
3355	1	46.81	0.0	-0.06	-4.16	0.0	1.19	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	6.69e-03	0.0	90.0	1.19	-2.08	0.0	0.0	0.0	0.0
3355	2	36.01	0.0	-0.05	-3.20	0.0	0.96	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	5.38e-03	0.0	90.0	0.96	-1.60	0.0	0.0	0.0	0.0
3355	3	36.01	0.0	-0.05	-3.20	0.0	0.90	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	5.05e-03	0.0	90.0	0.90	-1.60	0.0	0.0	0.0	0.0
3355	4	36.01	0.0	-0.04	-3.20	0.0	0.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	4.37e-03	0.0	90.0	0.77	-1.60	0.0	0.0	0.0	0.0
3355	5	36.01	0.0	-0.04	-3.20	0.0	0.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	4.37e-03	0.0	90.0	0.77	-1.60	0.0	0.0	0.0	0.0
3356	1	390.63	1.05	-0.11	-12.02	0.0	-11.28	6.01	0.01	2.01	-2.14	0.0
		0.0	-2.14	-7.44e-03	0.0	260.0	-11.28	-6.01	0.01	2.01	1.05	0.0
3356	2	300.49	0.84	-0.09	-9.25	0.0	-9.11	4.62	9.87e-03	1.62	-1.72	0.0
		0.0	-1.72	-6.00e-03	0.0	260.0	-9.11	-4.62	9.87e-03	1.62	0.84	0.0
3356	3	300.49	0.79	-0.09	-9.25	0.0	-8.47	4.62	9.21e-03	1.53	-1.61	0.0
		0.0	-1.61	-5.60e-03	0.0	260.0	-8.47	-4.62	9.21e-03	1.53	0.79	0.0
3356	4	300.49	0.69	-0.09	-9.25	0.0	-7.20	4.62	8.01e-03	1.31	-1.39	0.0
		0.0	-1.39	-4.83e-03	0.0	260.0	-7.20	-4.62	8.01e-03	1.31	0.69	0.0
3356	5	300.49	0.69	-0.09	-9.25	0.0	-7.20	4.62	8.01e-03	1.31	-1.39	0.0
		0.0	-1.39	-4.83e-03	0.0	260.0	-7.20	-4.62	8.01e-03	1.31	0.69	0.0
3357	1	390.63	0.46	-0.12	-12.02	0.0	-14.22	6.01	-1.63e-05	1.01	0.46	0.0

		0.0	0.46	-7.03e-03	0.0	260.0	-14.22	-6.01	-1.63e-05	1.01	0.46	0.0
3357	2	300.49	0.38	-0.09	-9.25	0.0	-11.49	4.62	6.75e-05	0.81	0.36	0.0
		0.0	0.36	-5.67e-03	0.0	260.0	-11.49	-4.62	6.75e-05	0.81	0.38	0.0
3357	3	300.49	0.35	-0.09	-9.25	0.0	-10.69	4.62	-3.93e-05	0.77	0.35	0.0
		0.0	0.34	-5.30e-03	0.0	260.0	-10.69	-4.62	-3.93e-05	0.77	0.34	0.0
3357	4	300.49	0.31	-0.09	-9.25	0.0	-9.12	4.62	-1.46e-04	0.66	0.31	0.0
		0.0	0.27	-4.55e-03	0.0	260.0	-9.12	-4.62	-1.46e-04	0.66	0.27	0.0
3357	5	300.49	0.31	-0.09	-9.25	0.0	-9.12	4.62	-1.46e-04	0.66	0.31	0.0
		0.0	0.27	-4.55e-03	0.0	260.0	-9.12	-4.62	-1.46e-04	0.66	0.27	0.0
3358	1	69.92	0.0	-0.03	-5.09	0.0	-152.69	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-4.02e-03	0.0	110.0	-152.69	-2.54	0.0	0.0	0.0	0.0
3358	2	53.79	0.0	-0.02	-3.91	0.0	-123.16	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.25e-03	0.0	110.0	-123.16	-1.96	0.0	0.0	0.0	0.0
3358	3	53.79	0.0	-0.02	-3.91	0.0	-114.89	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.03e-03	0.0	110.0	-114.89	-1.96	0.0	0.0	0.0	0.0
3358	4	53.79	0.0	-0.02	-3.91	0.0	-98.22	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.58e-03	0.0	110.0	-98.22	-1.96	0.0	0.0	0.0	0.0
3358	5	53.79	0.0	-0.02	-3.91	0.0	-98.22	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.58e-03	0.0	110.0	-98.22	-1.96	0.0	0.0	0.0	0.0
3359	1	57.07	0.0	-0.02	-3.93	0.0	107.63	2.30	-0.01	-6.37	0.0	0.0
		0.0	-0.98	-2.81e-03	0.0	85.0	107.63	-1.63	-0.01	-6.37	-0.98	28.40
3359	2	44.80	0.0	-0.01	-3.02	0.0	86.71	1.79	-9.58e-03	-5.13	0.0	0.0
		0.0	-0.81	-2.26e-03	0.0	85.0	86.71	-1.24	-9.58e-03	-5.13	-0.81	23.44
3359	3	43.50	0.0	-0.01	-3.02	0.0	81.02	1.76	-8.57e-03	-4.80	0.0	0.0
		0.0	-0.73	-2.12e-03	0.0	85.0	81.02	-1.26	-8.57e-03	-4.80	-0.73	21.14
3359	4	40.85	0.0	-0.01	-3.02	0.0	69.64	1.70	-6.57e-03	-4.16	0.0	0.0
		0.0	-0.56	-1.84e-03	0.0	85.0	69.64	-1.32	-6.57e-03	-4.16	-0.56	16.43
3359	5	40.85	0.0	-0.01	-3.02	0.0	69.64	1.70	-6.57e-03	-4.16	0.0	0.0
		0.0	-0.56	-1.84e-03	0.0	85.0	69.64	-1.32	-6.57e-03	-4.16	-0.56	16.43
3360	1	80.37	2.88	-2.16e-03	-4.16	0.0	133.29	2.18	0.04	-6.37	-0.98	28.86
		28.86	-0.98	-3.03e-03	0.0	90.0	133.29	-1.98	0.04	-6.37	2.88	38.27
3360	2	63.79	2.32	-1.72e-03	-3.20	0.0	106.08	1.69	0.03	-5.13	-0.81	23.78
		23.78	-0.81	-2.44e-03	0.0	90.0	106.08	-1.51	0.03	-5.13	2.32	31.78
3360	3	60.96	2.17	-1.64e-03	-3.20	0.0	101.01	1.68	0.03	-4.80	-0.73	21.48
		21.48	-0.73	-2.28e-03	0.0	90.0	101.01	-1.52	0.03	-4.80	2.17	28.43
3360	4	55.22	1.86	-1.47e-03	-3.20	0.0	90.74	1.65	0.03	-4.16	-0.56	16.78
		16.78	-0.56	-1.97e-03	0.0	90.0	90.74	-1.55	0.03	-4.16	1.86	21.65
3360	5	55.22	1.86	-1.47e-03	-3.20	0.0	90.74	1.65	0.03	-4.16	-0.56	16.78
		16.78	-0.56	-1.97e-03	0.0	90.0	90.74	-1.55	0.03	-4.16	1.86	21.65
3361	1	62.54	2.88	0.02	-3.93	0.0	87.52	1.52	-0.03	-6.37	2.88	37.45
		0.0	0.0	-2.33e-03	0.0	85.0	87.52	-2.41	-0.03	-6.37	0.0	0.0
3361	2	49.52	2.32	0.02	-3.02	0.0	70.73	1.15	-0.03	-5.13	2.32	31.05
		0.0	0.0	-1.88e-03	0.0	85.0	70.73	-1.88	-0.03	-5.13	0.0	0.0
3361	3	47.50	2.17	0.02	-3.02	0.0	65.91	1.18	-0.03	-4.80	2.17	27.83
		0.0	0.0	-1.75e-03	0.0	85.0	65.91	-1.84	-0.03	-4.80	0.0	0.0
3361	4	43.59	1.86	0.01	-3.02	0.0	56.09	1.26	-0.02	-4.16	1.86	21.30
		0.0	0.0	-1.51e-03	0.0	85.0	56.09	-1.76	-0.02	-4.16	0.0	0.0
3361	5	43.59	1.86	0.01	-3.02	0.0	56.09	1.26	-0.02	-4.16	1.86	21.30
		0.0	0.0	-1.51e-03	0.0	85.0	56.09	-1.76	-0.02	-4.16	0.0	0.0
3362	1	69.92	0.0	0.04	-5.09	0.0	-169.77	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-3.83e-03	0.0	110.0	-169.77	-2.54	0.0	0.0	0.0	0.0
3362	2	53.79	0.0	0.03	-3.91	0.0	-136.90	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.09e-03	0.0	110.0	-136.90	-1.96	0.0	0.0	0.0	0.0
3362	3	53.79	0.0	0.03	-3.91	0.0	-127.70	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.88e-03	0.0	110.0	-127.70	-1.96	0.0	0.0	0.0	0.0
3362	4	53.79	0.0	0.02	-3.91	0.0	-109.52	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.47e-03	0.0	110.0	-109.52	-1.96	0.0	0.0	0.0	0.0
3362	5	53.79	0.0	0.02	-3.91	0.0	-109.52	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.47e-03	0.0	110.0	-109.52	-1.96	0.0	0.0	0.0	0.0
3363	1	69.92	0.0	-0.03	-5.09	0.0	-284.98	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-3.51e-03	0.0	110.0	-284.98	-2.54	0.0	0.0	0.0	0.0
3363	2	53.79	0.0	-0.02	-3.91	0.0	-229.94	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.84e-03	0.0	110.0	-229.94	-1.96	0.0	0.0	0.0	0.0
3363	3	53.79	0.0	-0.02	-3.91	0.0	-214.44	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.65e-03	0.0	110.0	-214.44	-1.96	0.0	0.0	0.0	0.0
3363	4	53.79	0.0	-0.02	-3.91	0.0	-183.54	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.25e-03	0.0	110.0	-183.54	-1.96	0.0	0.0	0.0	0.0
3363	5	53.79	0.0	-0.02	-3.91	0.0	-183.54	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.25e-03	0.0	110.0	-183.54	-1.96	0.0	0.0	0.0	0.0
3364	1	70.34	0.0	-0.02	-3.93	0.0	134.47	2.55	-0.02	-7.70	0.0	0.0
		0.0	-1.44	-2.69e-03	0.0	85.0	134.47	-1.38	-0.02	-7.70	-1.44	49.92
3364	2	55.73	0.0	-0.01	-3.02	0.0	108.54	1.99	-0.01	-6.19	0.0	0.0
		0.0	-1.18	-2.16e-03	0.0	85.0	108.54	-1.03	-0.01	-6.19	-1.18	40.92
3364	3	53.40	0.0	-0.01	-3.02	0.0	101.18	1.95	-0.01	-5.81	0.0	0.0
		0.0	-1.07	-2.03e-03	0.0	85.0	101.18	-1.07	-0.01	-5.81	-1.07	37.26
3364	4	48.78	0.0	-0.01	-3.02	0.0	86.45	1.86	-9.95e-03	-5.03	0.0	0.0
		0.0	-0.85	-1.76e-03	0.0	85.0	86.45	-1.16	-9.95e-03	-5.03	-0.85	29.87



3364	5	48.78	0.0	-0.01	-3.02	0.0	86.45	1.86	-9.95e-03	-5.03	0.0	0.0
		0.0	-0.85	-1.76e-03	0.0	85.0	86.45	-1.16	-9.95e-03	-5.03	-0.85	29.87
3365	1	82.90	1.49	3.21e-03	-4.16	0.0	177.53	2.26	0.03	-7.70	-1.44	27.84
		27.84	-1.44	-3.08e-03	0.0	90.0	177.53	-1.90	0.03	-7.70	1.49	43.82
3365	2	65.86	1.21	2.60e-03	-3.20	0.0	141.75	1.74	0.03	-6.19	-1.18	23.21
		23.21	-1.18	-2.48e-03	0.0	90.0	141.75	-1.46	0.03	-6.19	1.21	36.02
3365	3	62.84	1.12	2.42e-03	-3.20	0.0	134.23	1.73	0.02	-5.81	-1.07	20.61
		20.61	-1.07	-2.32e-03	0.0	90.0	134.23	-1.47	0.02	-5.81	1.12	32.67
3365	4	56.75	0.94	2.06e-03	-3.20	0.0	119.28	1.72	0.02	-5.03	-0.85	15.34
		15.34	-0.85	-2.00e-03	0.0	90.0	119.28	-1.48	0.02	-5.03	0.94	25.95
3365	5	56.75	0.94	2.06e-03	-3.20	0.0	119.28	1.72	0.02	-5.03	-0.85	15.34
		15.34	-0.85	-2.00e-03	0.0	90.0	119.28	-1.48	0.02	-5.03	0.94	25.95
3366	1	58.58	1.49	0.02	-3.93	0.0	146.13	1.60	-0.02	-7.70	1.49	31.08
		0.0	0.0	-2.68e-03	0.0	85.0	146.13	-2.33	-0.02	-7.70	0.0	0.0
3366	2	46.21	1.21	0.02	-3.02	0.0	117.82	1.21	-0.01	-6.19	1.21	25.77
		0.0	0.0	-2.16e-03	0.0	85.0	117.82	-1.81	-0.01	-6.19	0.0	0.0
3366	3	44.60	1.12	0.02	-3.02	0.0	109.92	1.24	-0.01	-5.81	1.12	23.08
		0.0	0.0	-2.02e-03	0.0	85.0	109.92	-1.78	-0.01	-5.81	0.0	0.0
3366	4	41.54	0.94	0.01	-3.02	0.0	94.38	1.30	-0.01	-5.03	0.94	17.64
		0.0	0.0	-1.74e-03	0.0	85.0	94.38	-1.72	-0.01	-5.03	0.0	0.0
3366	5	41.54	0.94	0.01	-3.02	0.0	94.38	1.30	-0.01	-5.03	0.94	17.64
		0.0	0.0	-1.74e-03	0.0	85.0	94.38	-1.72	-0.01	-5.03	0.0	0.0
3367	1	69.92	0.0	0.04	-5.09	0.0	-83.25	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-3.55e-03	0.0	110.0	-83.25	-2.54	0.0	0.0	0.0	0.0
3367	2	53.79	0.0	0.03	-3.91	0.0	-67.46	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.86e-03	0.0	110.0	-67.46	-1.96	0.0	0.0	0.0	0.0
3367	3	53.79	0.0	0.03	-3.91	0.0	-62.54	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.67e-03	0.0	110.0	-62.54	-1.96	0.0	0.0	0.0	0.0
3367	4	53.79	0.0	0.02	-3.91	0.0	-52.70	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.29e-03	0.0	110.0	-52.70	-1.96	0.0	0.0	0.0	0.0
3367	5	53.79	0.0	0.02	-3.91	0.0	-52.70	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.29e-03	0.0	110.0	-52.70	-1.96	0.0	0.0	0.0	0.0
3368	1	69.92	0.0	-0.02	-5.09	0.0	-171.71	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-3.01e-03	0.0	110.0	-171.71	-2.54	0.0	0.0	0.0	0.0
3368	2	53.79	0.0	-0.02	-3.91	0.0	-138.49	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.43e-03	0.0	110.0	-138.49	-1.96	0.0	0.0	0.0	0.0
3368	3	53.79	0.0	-0.01	-3.91	0.0	-129.26	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.26e-03	0.0	110.0	-129.26	-1.96	0.0	0.0	0.0	0.0
3368	4	53.79	0.0	-0.01	-3.91	0.0	-110.66	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.93e-03	0.0	110.0	-110.66	-1.96	0.0	0.0	0.0	0.0
3368	5	53.79	0.0	-0.01	-3.91	0.0	-110.66	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.93e-03	0.0	110.0	-110.66	-1.96	0.0	0.0	0.0	0.0
3369	1	31.26	8.97	1.18e-03	-3.93	0.0	249.56	1.70	0.11	-9.47	0.0	0.0
		-22.48	0.0	-4.22e-03	0.0	85.0	249.56	-2.23	0.11	-9.47	8.97	-22.48
3369	2	24.01	7.24	1.08e-03	-3.02	0.0	200.20	1.31	0.09	-7.62	0.0	0.0
		-17.39	0.0	-3.40e-03	0.0	85.0	200.20	-1.72	0.09	-7.62	7.24	-17.39
3369	3	24.07	6.75	8.37e-04	-3.02	0.0	188.31	1.31	0.08	-7.13	0.0	0.0
		-17.25	0.0	-3.18e-03	0.0	85.0	188.31	-1.71	0.08	-7.13	6.75	-17.25
3369	4	24.28	5.77	-5.27e-04	-3.02	0.0	164.55	1.31	0.07	-6.17	0.0	0.0
		-16.77	0.0	-2.73e-03	0.0	85.0	164.55	-1.71	0.07	-6.17	5.77	-16.77
3369	5	24.28	5.77	-5.27e-04	-3.02	0.0	164.55	1.31	0.07	-6.17	0.0	0.0
		-16.77	0.0	-2.73e-03	0.0	85.0	164.55	-1.71	0.07	-6.17	5.77	-16.77
3370	1	73.42	8.97	0.01	-4.16	0.0	175.37	2.33	-0.22	-9.47	8.97	14.70
		14.70	-10.69	-3.13e-03	0.0	90.0	175.37	-1.83	-0.22	-9.47	-10.69	37.18
3370	2	58.35	7.24	9.78e-03	-3.20	0.0	140.44	1.81	-0.18	-7.62	7.24	12.49
		12.49	-8.62	-2.52e-03	0.0	90.0	140.44	-1.39	-0.18	-7.62	-8.62	31.01
3370	3	55.65	6.75	9.16e-03	-3.20	0.0	132.44	1.79	-0.16	-7.13	6.75	10.78
		10.78	-8.04	-2.36e-03	0.0	90.0	132.44	-1.41	-0.16	-7.13	-8.04	27.54
3370	4	50.25	5.77	7.93e-03	-3.20	0.0	116.41	1.74	-0.14	-6.17	5.77	7.51
		7.51	-6.89	-2.03e-03	0.0	90.0	116.41	-1.46	-0.14	-6.17	-6.89	20.49
3370	5	50.25	5.77	7.93e-03	-3.20	0.0	116.41	1.74	-0.14	-6.17	5.77	7.51
		7.51	-6.89	-2.03e-03	0.0	90.0	116.41	-1.46	-0.14	-6.17	-6.89	20.49
3371	1	78.17	0.0	0.03	-3.93	0.0	73.23	1.24	0.13	-9.47	-10.69	61.51
		0.0	-10.69	-4.66e-03	0.0	85.0	73.23	-2.69	0.13	-9.47	0.0	0.0
3371	2	62.46	0.0	0.03	-3.02	0.0	59.40	0.91	0.10	-7.62	-8.62	50.71
		0.0	-8.62	-3.76e-03	0.0	85.0	59.40	-2.11	0.10	-7.62	0.0	0.0
3371	3	59.11	0.0	0.02	-3.02	0.0	54.98	0.97	0.09	-7.13	-8.04	45.83
		0.0	-8.04	-3.51e-03	0.0	85.0	54.98	-2.05	0.09	-7.13	0.0	0.0
3371	4	52.64	0.0	0.02	-3.02	0.0	46.04	1.09	0.08	-6.17	-6.89	36.04
		0.0	-6.89	-3.02e-03	0.0	85.0	46.04	-1.94	0.08	-6.17	0.0	0.0
3371	5	52.64	0.0	0.02	-3.02	0.0	46.04	1.09	0.08	-6.17	-6.89	36.04
		0.0	-6.89	-3.02e-03	0.0	85.0	46.04	-1.94	0.08	-6.17	0.0	0.0
3372	1	69.92	0.0	0.03	-5.09	0.0	-110.49	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-2.82e-03	0.0	110.0	-110.49	-2.54	0.0	0.0	0.0	0.0
3372	2	53.79	0.0	0.03	-3.91	0.0	-89.64	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.28e-03	0.0	110.0	-89.64	-1.96	0.0	0.0	0.0	0.0
3372	3	53.79	0.0	0.02	-3.91	0.0	-82.97	1.96	0.0	0.0	0.0	0.0

		0.0	0.0	-2.12e-03	0.0	110.0	-82.97	-1.96	0.0	0.0	0.0	0.0
3372	4	53.79	0.0	0.02	-3.91	0.0	-69.57	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.81e-03	0.0	110.0	-69.57	-1.96	0.0	0.0	0.0	0.0
3372	5	53.79	0.0	0.02	-3.91	0.0	-69.57	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.81e-03	0.0	110.0	-69.57	-1.96	0.0	0.0	0.0	0.0
3373	1	69.92	0.0	-0.03	-5.09	0.0	-174.48	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-1.20e-03	0.0	110.0	-174.48	-2.54	0.0	0.0	0.0	0.0
3373	2	53.79	0.0	-0.02	-3.91	0.0	-140.64	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-9.66e-04	0.0	110.0	-140.64	-1.96	0.0	0.0	0.0	0.0
3373	3	53.79	0.0	-0.02	-3.91	0.0	-131.34	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-9.00e-04	0.0	110.0	-131.34	-1.96	0.0	0.0	0.0	0.0
3373	4	53.79	0.0	-0.02	-3.91	0.0	-112.81	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-7.66e-04	0.0	110.0	-112.81	-1.96	0.0	0.0	0.0	0.0
3373	5	53.79	0.0	-0.02	-3.91	0.0	-112.81	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-7.66e-04	0.0	110.0	-112.81	-1.96	0.0	0.0	0.0	0.0
3374	1	59.75	21.09	-9.33e-03	-3.93	0.0	168.21	2.35	0.25	-14.60	0.0	0.0
		0.0	0.0	-6.15e-03	0.0	85.0	168.21	-1.58	0.25	-14.60	21.09	32.97
3374	2	46.90	16.99	-7.35e-03	-3.02	0.0	135.69	1.83	0.20	-11.75	0.0	0.0
		0.0	0.0	-4.95e-03	0.0	85.0	135.69	-1.20	0.20	-11.75	16.99	26.87
3374	3	45.52	15.89	-7.10e-03	-3.02	0.0	126.62	1.80	0.19	-11.00	0.0	0.0
		0.0	0.0	-4.63e-03	0.0	85.0	126.62	-1.22	0.19	-11.00	15.89	24.67
3374	4	42.89	13.67	-6.58e-03	-3.02	0.0	108.31	1.75	0.16	-9.51	0.0	0.0
		0.0	0.0	-3.99e-03	0.0	85.0	108.31	-1.28	0.16	-9.51	13.67	20.04
3374	5	42.89	13.67	-6.58e-03	-3.02	0.0	108.31	1.75	0.16	-9.51	0.0	0.0
		0.0	0.0	-3.99e-03	0.0	85.0	108.31	-1.28	0.16	-9.51	13.67	20.04
3375	1	79.58	21.09	8.77e-03	-4.16	0.0	155.46	2.01	-0.48	-14.60	21.09	36.01
		29.53	-21.82	-3.17e-03	0.0	90.0	155.46	-2.15	-0.48	-14.60	-21.82	29.53
3375	2	63.14	16.99	7.03e-03	-3.20	0.0	124.53	1.55	-0.38	-11.75	16.99	29.34
		24.92	-17.59	-2.55e-03	0.0	90.0	124.53	-1.65	-0.38	-11.75	-17.59	24.92
3375	3	60.36	15.89	6.62e-03	-3.20	0.0	117.44	1.54	-0.36	-11.00	15.89	26.96
		21.75	-16.42	-2.39e-03	0.0	90.0	117.44	-1.66	-0.36	-11.00	-16.42	21.75
3375	4	54.71	13.67	5.79e-03	-3.20	0.0	103.17	1.53	-0.31	-9.51	13.67	21.99
		15.42	-14.08	-2.05e-03	0.0	90.0	103.17	-1.67	-0.31	-9.51	-14.08	15.42
3375	5	54.71	13.67	5.79e-03	-3.20	0.0	103.17	1.53	-0.31	-9.51	13.67	21.99
		15.42	-14.08	-2.05e-03	0.0	90.0	103.17	-1.67	-0.31	-9.51	-14.08	15.42
3376	1	61.36	0.0	0.03	-3.93	0.0	100.09	1.55	0.26	-14.60	-21.82	35.56
		0.0	-21.82	-6.33e-03	0.0	85.0	100.09	-2.38	0.26	-14.60	0.0	0.0
3376	2	48.66	0.0	0.02	-3.02	0.0	81.31	1.16	0.21	-11.75	-17.59	29.68
		0.0	-17.59	-5.11e-03	0.0	85.0	81.31	-1.86	0.21	-11.75	0.0	0.0
3376	3	46.57	0.0	0.02	-3.02	0.0	75.14	1.20	0.19	-11.00	-16.42	26.34
		0.0	-16.42	-4.77e-03	0.0	85.0	75.14	-1.82	0.19	-11.00	0.0	0.0
3376	4	42.63	0.0	0.02	-3.02	0.0	62.74	1.28	0.17	-9.51	-14.08	19.58
		0.0	-14.08	-4.09e-03	0.0	85.0	62.74	-1.74	0.17	-9.51	0.0	0.0
3376	5	42.63	0.0	0.02	-3.02	0.0	62.74	1.28	0.17	-9.51	-14.08	19.58
		0.0	-14.08	-4.09e-03	0.0	85.0	62.74	-1.74	0.17	-9.51	0.0	0.0
3377	1	69.92	0.0	0.03	-5.09	0.0	-140.32	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-1.87e-03	0.0	110.0	-140.32	-2.54	0.0	0.0	0.0	0.0
3377	2	53.79	0.0	0.02	-3.91	0.0	-113.41	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.52e-03	0.0	110.0	-113.41	-1.96	0.0	0.0	0.0	0.0
3377	3	53.79	0.0	0.02	-3.91	0.0	-105.56	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.41e-03	0.0	110.0	-105.56	-1.96	0.0	0.0	0.0	0.0
3377	4	53.79	0.0	0.02	-3.91	0.0	-89.65	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.18e-03	0.0	110.0	-89.65	-1.96	0.0	0.0	0.0	0.0
3377	5	53.79	0.0	0.02	-3.91	0.0	-89.65	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.18e-03	0.0	110.0	-89.65	-1.96	0.0	0.0	0.0	0.0
3381	1	69.92	0.0	0.01	-5.09	0.0	-10.54	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.16	0.0	110.0	-10.54	-2.54	0.0	0.0	0.0	0.0
3381	2	53.79	0.0	8.90e-03	-3.91	0.0	-8.48	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.13	0.0	110.0	-8.48	-1.96	0.0	0.0	0.0	0.0
3381	3	53.79	0.0	8.33e-03	-3.91	0.0	-7.95	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.12	0.0	110.0	-7.95	-1.96	0.0	0.0	0.0	0.0
3381	4	53.79	0.0	7.19e-03	-3.91	0.0	-6.86	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.10	0.0	110.0	-6.86	-1.96	0.0	0.0	0.0	0.0
3381	5	53.79	0.0	7.19e-03	-3.91	0.0	-6.86	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.10	0.0	110.0	-6.86	-1.96	0.0	0.0	0.0	0.0
3383	1	69.92	0.0	-0.03	-5.09	0.0	-210.22	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-2.31e-03	0.0	110.0	-210.22	-2.54	0.0	0.0	0.0	0.0
3383	2	53.79	0.0	-0.02	-3.91	0.0	-169.56	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.86e-03	0.0	110.0	-169.56	-1.96	0.0	0.0	0.0	0.0
3383	3	53.79	0.0	-0.02	-3.91	0.0	-158.24	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.74e-03	0.0	110.0	-158.24	-1.96	0.0	0.0	0.0	0.0
3383	4	53.79	0.0	-0.02	-3.91	0.0	-135.57	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.49e-03	0.0	110.0	-135.57	-1.96	0.0	0.0	0.0	0.0
3383	5	53.79	0.0	-0.02	-3.91	0.0	-135.57	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.49e-03	0.0	110.0	-135.57	-1.96	0.0	0.0	0.0	0.0
3384	1	64.14	6.83	-0.02	-3.93	0.0	152.07	2.44	0.08	-13.48	0.0	0.0
		0.0	0.0	-3.10e-03	0.0	85.0	152.07	-1.49	0.08	-13.48	6.83	39.99



3384	2	50.67	5.48	-0.01	-3.02	0.0	122.77	1.90	0.06	-10.85	0.0	0.0
		0.0	0.0	-2.49e-03	0.0	85.0	122.77	-1.12	0.06	-10.85	5.48	32.89
3384	3	48.71	5.16	-0.01	-3.02	0.0	114.38	1.86	0.06	-10.15	0.0	0.0
		0.0	0.0	-2.34e-03	0.0	85.0	114.38	-1.16	0.06	-10.15	5.16	29.77
3384	4	44.87	4.50	-0.01	-3.02	0.0	97.67	1.79	0.05	-8.77	0.0	0.0
		0.0	0.0	-2.03e-03	0.0	85.0	97.67	-1.23	0.05	-8.77	4.50	23.57
3384	5	44.87	4.50	-0.01	-3.02	0.0	97.67	1.79	0.05	-8.77	0.0	0.0
		0.0	0.0	-2.03e-03	0.0	85.0	97.67	-1.23	0.05	-8.77	4.50	23.57
3385	1	82.72	6.83	-2.14e-03	-4.16	0.0	172.80	2.24	-0.35	-13.48	6.83	28.32
		28.32	-25.10	-3.20e-03	0.0	90.0	172.80	-1.92	-0.35	-13.48	-25.10	43.11
3385	2	65.74	5.48	-1.71e-03	-3.20	0.0	138.33	1.74	-0.29	-10.85	5.48	23.46
		23.46	-20.24	-2.58e-03	0.0	90.0	138.33	-1.47	-0.29	-10.85	-20.24	35.62
3385	3	62.69	5.16	-1.63e-03	-3.20	0.0	130.55	1.72	-0.27	-10.15	5.16	20.99
		20.99	-18.88	-2.41e-03	0.0	90.0	130.55	-1.48	-0.27	-10.15	-18.88	32.12
3385	4	56.53	4.50	-1.46e-03	-3.20	0.0	114.90	1.70	-0.23	-8.77	4.50	16.09
		16.09	-16.17	-2.07e-03	0.0	90.0	114.90	-1.50	-0.23	-8.77	-16.17	24.96
3385	5	56.53	4.50	-1.46e-03	-3.20	0.0	114.90	1.70	-0.23	-8.77	4.50	16.09
		16.09	-16.17	-2.07e-03	0.0	90.0	114.90	-1.50	-0.23	-8.77	-16.17	24.96
3386	1	61.75	0.0	0.02	-3.93	0.0	134.05	1.54	0.30	-13.48	-25.10	36.18
		0.0	-25.10	-7.78e-03	0.0	85.0	134.05	-2.39	0.30	-13.48	0.0	0.0
3386	2	48.89	0.0	0.02	-3.02	0.0	108.38	1.16	0.24	-10.85	-20.24	30.05
		0.0	-20.24	-6.27e-03	0.0	85.0	108.38	-1.86	0.24	-10.85	0.0	0.0
3386	3	46.91	0.0	0.02	-3.02	0.0	100.84	1.19	0.22	-10.15	-18.88	26.89
		0.0	-18.88	-5.85e-03	0.0	85.0	100.84	-1.83	0.22	-10.15	0.0	0.0
3386	4	43.09	0.0	0.01	-3.02	0.0	85.59	1.27	0.19	-8.77	-16.17	20.40
		0.0	-16.17	-5.02e-03	0.0	85.0	85.59	-1.75	0.19	-8.77	0.0	0.0
3386	5	43.09	0.0	0.01	-3.02	0.0	85.59	1.27	0.19	-8.77	-16.17	20.40
		0.0	-16.17	-5.02e-03	0.0	85.0	85.59	-1.75	0.19	-8.77	0.0	0.0
3387	1	69.92	0.0	0.04	-5.09	0.0	-235.76	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	1.39e-03	0.0	110.0	-235.76	-2.54	0.0	0.0	0.0	0.0
3387	2	53.79	0.0	0.03	-3.91	0.0	-189.82	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	1.10e-03	0.0	110.0	-189.82	-1.96	0.0	0.0	0.0	0.0
3387	3	53.79	0.0	0.03	-3.91	0.0	-177.62	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	1.05e-03	0.0	110.0	-177.62	-1.96	0.0	0.0	0.0	0.0
3387	4	53.79	0.0	0.02	-3.91	0.0	-153.15	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	9.49e-04	0.0	110.0	-153.15	-1.96	0.0	0.0	0.0	0.0
3387	5	53.79	0.0	0.02	-3.91	0.0	-153.15	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	9.49e-04	0.0	110.0	-153.15	-1.96	0.0	0.0	0.0	0.0
3388	1	69.92	0.0	-0.02	-5.09	0.0	-99.37	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-2.44e-03	0.0	110.0	-99.37	-2.54	0.0	0.0	0.0	0.0
3388	2	53.79	0.0	-0.01	-3.91	0.0	-80.04	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.97e-03	0.0	110.0	-80.04	-1.96	0.0	0.0	0.0	0.0
3388	3	53.79	0.0	-0.01	-3.91	0.0	-74.82	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.84e-03	0.0	110.0	-74.82	-1.96	0.0	0.0	0.0	0.0
3388	4	53.79	0.0	-0.01	-3.91	0.0	-64.41	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.58e-03	0.0	110.0	-64.41	-1.96	0.0	0.0	0.0	0.0
3388	5	53.79	0.0	-0.01	-3.91	0.0	-64.41	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.58e-03	0.0	110.0	-64.41	-1.96	0.0	0.0	0.0	0.0
3389	1	59.81	0.0	-0.02	-3.93	0.0	89.22	2.35	-0.05	-11.04	0.0	0.0
		0.0	-4.37	-7.16e-04	0.0	85.0	89.22	-1.58	-0.05	-11.04	-4.37	33.07
3389	2	47.23	0.0	-0.01	-3.02	0.0	71.92	1.83	-0.04	-8.88	0.0	0.0
		0.0	-3.53	-5.72e-04	0.0	85.0	71.92	-1.19	-0.04	-8.88	-3.53	27.39
3389	3	45.44	0.0	-0.01	-3.02	0.0	67.08	1.80	-0.04	-8.32	0.0	0.0
		0.0	-3.29	-5.41e-04	0.0	85.0	67.08	-1.22	-0.04	-8.32	-3.29	24.53
3389	4	42.23	0.0	-0.01	-3.02	0.0	57.61	1.73	-0.03	-7.18	0.0	0.0
		0.0	-2.78	-4.79e-04	0.0	85.0	57.61	-1.29	-0.03	-7.18	-2.78	18.88
3389	5	42.23	0.0	-0.01	-3.02	0.0	57.61	1.73	-0.03	-7.18	0.0	0.0
		0.0	-2.78	-4.79e-04	0.0	85.0	57.61	-1.29	-0.03	-7.18	-2.78	18.88
3390	1	79.31	-4.37	-2.87e-03	-4.16	0.0	125.93	2.13	-0.26	-11.04	-4.37	30.16
		30.16	-27.33	-3.22e-03	0.0	90.0	125.93	-2.03	-0.26	-11.04	-27.33	34.85
3390	2	62.92	-3.53	-2.28e-03	-3.20	0.0	100.01	1.64	-0.21	-8.88	-3.53	25.07
		25.07	-22.04	-2.59e-03	0.0	90.0	100.01	-1.56	-0.21	-8.88	-22.04	28.77
3390	3	60.15	-3.29	-2.18e-03	-3.20	0.0	95.44	1.64	-0.19	-8.32	-3.29	22.32
		22.32	-20.56	-2.42e-03	0.0	90.0	95.44	-1.56	-0.19	-8.32	-20.56	25.97
3390	4	54.56	-2.78	-1.96e-03	-3.20	0.0	86.38	1.64	-0.16	-7.18	-2.78	16.92
		16.92	-17.62	-2.08e-03	0.0	90.0	86.38	-1.56	-0.16	-7.18	-17.62	20.20
3390	5	54.56	-2.78	-1.96e-03	-3.20	0.0	86.38	1.64	-0.16	-7.18	-2.78	16.92
		16.92	-17.62	-2.08e-03	0.0	90.0	86.38	-1.56	-0.16	-7.18	-17.62	20.20
3391	1	60.55	0.0	0.02	-3.93	0.0	85.40	1.56	0.32	-11.04	-27.33	34.26
		0.0	-27.33	-8.83e-03	0.0	85.0	85.40	-2.37	0.32	-11.04	0.0	0.0
3391	2	47.78	0.0	0.01	-3.02	0.0	68.79	1.18	0.26	-8.88	-22.04	28.27
		0.0	-22.04	-7.12e-03	0.0	85.0	68.79	-1.84	0.26	-8.88	0.0	0.0
3391	3	46.06	0.0	0.01	-3.02	0.0	64.31	1.21	0.24	-8.32	-20.56	25.53
		0.0	-20.56	-6.65e-03	0.0	85.0	64.31	-1.81	0.24	-8.32	0.0	0.0
3391	4	42.79	0.0	0.01	-3.02	0.0	55.39	1.28	0.21	-7.18	-17.62	19.87
		0.0	-17.62	-5.70e-03	0.0	85.0	55.39	-1.75	0.21	-7.18	0.0	0.0
3391	5	42.79	0.0	0.01	-3.02	0.0	55.39	1.28	0.21	-7.18	-17.62	19.87



		0.0	-17.62	-5.70e-03	0.0	85.0	55.39	-1.75	0.21	-7.18	0.0	0.0
3392	1	69.92	0.0	-0.02	-5.09	0.0	-43.84	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	4.80e-03	0.0	110.0	-43.84	-2.54	0.0	0.0	0.0	0.0
3392	2	53.79	0.0	-0.02	-3.91	0.0	-35.25	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	3.85e-03	0.0	110.0	-35.25	-1.96	0.0	0.0	0.0	0.0
3392	3	53.79	0.0	-0.02	-3.91	0.0	-33.06	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	3.62e-03	0.0	110.0	-33.06	-1.96	0.0	0.0	0.0	0.0
3392	4	53.79	0.0	-0.01	-3.91	0.0	-28.68	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	3.17e-03	0.0	110.0	-28.68	-1.96	0.0	0.0	0.0	0.0
3392	5	53.79	0.0	-0.01	-3.91	0.0	-28.68	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	3.17e-03	0.0	110.0	-28.68	-1.96	0.0	0.0	0.0	0.0
3393	1	46.81	0.0	-0.01	-4.16	0.0	-1.07	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.47e-03	0.0	90.0	-1.07	-2.08	0.0	0.0	0.0	0.0
3393	2	36.01	0.0	-9.79e-03	-3.20	0.0	-0.85	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.00e-03	0.0	90.0	-0.85	-1.60	0.0	0.0	0.0	0.0
3393	3	36.01	0.0	-9.14e-03	-3.20	0.0	-0.81	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.85e-03	0.0	90.0	-0.81	-1.60	0.0	0.0	0.0	0.0
3393	4	36.01	0.0	-7.82e-03	-3.20	0.0	-0.74	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.57e-03	0.0	90.0	-0.74	-1.60	0.0	0.0	0.0	0.0
3393	5	36.01	0.0	-7.82e-03	-3.20	0.0	-0.74	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.57e-03	0.0	90.0	-0.74	-1.60	0.0	0.0	0.0	0.0
3394	1	46.81	0.0	-6.88e-03	-4.16	0.0	-2.81	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.56e-03	0.0	90.0	-2.81	-2.08	0.0	0.0	0.0	0.0
3394	2	36.01	0.0	-5.57e-03	-3.20	0.0	-2.27	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.26e-03	0.0	90.0	-2.27	-1.60	0.0	0.0	0.0	0.0
3394	3	36.01	0.0	-5.17e-03	-3.20	0.0	-2.11	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.17e-03	0.0	90.0	-2.11	-1.60	0.0	0.0	0.0	0.0
3394	4	36.01	0.0	-4.37e-03	-3.20	0.0	-1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.01e-03	0.0	90.0	-1.77	-1.60	0.0	0.0	0.0	0.0
3394	5	36.01	0.0	-4.37e-03	-3.20	0.0	-1.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.01e-03	0.0	90.0	-1.77	-1.60	0.0	0.0	0.0	0.0
3395	1	46.81	0.0	-2.26e-03	-4.16	0.0	-3.30	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.38e-03	0.0	90.0	-3.30	-2.08	0.0	0.0	0.0	0.0
3395	2	36.01	0.0	-1.78e-03	-3.20	0.0	-2.70	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.09e-03	0.0	90.0	-2.70	-1.60	0.0	0.0	0.0	0.0
3395	3	36.01	0.0	-1.72e-03	-3.20	0.0	-2.47	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.05e-03	0.0	90.0	-2.47	-1.60	0.0	0.0	0.0	0.0
3395	4	36.01	0.0	-1.59e-03	-3.20	0.0	-2.02	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.57e-04	0.0	90.0	-2.02	-1.60	0.0	0.0	0.0	0.0
3395	5	36.01	0.0	-1.59e-03	-3.20	0.0	-2.02	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.57e-04	0.0	90.0	-2.02	-1.60	0.0	0.0	0.0	0.0
3396	1	46.81	0.0	-2.21e-03	-4.16	0.0	-8.14	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.32e-03	0.0	90.0	-8.14	-2.08	0.0	0.0	0.0	0.0
3396	2	36.01	0.0	-1.73e-03	-3.20	0.0	-6.62	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.06e-03	0.0	90.0	-6.62	-1.60	0.0	0.0	0.0	0.0
3396	3	36.01	0.0	-1.69e-03	-3.20	0.0	-6.11	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.92e-04	0.0	90.0	-6.11	-1.60	0.0	0.0	0.0	0.0
3396	4	36.01	0.0	-1.62e-03	-3.20	0.0	-5.12	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.65e-04	0.0	90.0	-5.12	-1.60	0.0	0.0	0.0	0.0
3396	5	36.01	0.0	-1.62e-03	-3.20	0.0	-5.12	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.65e-04	0.0	90.0	-5.12	-1.60	0.0	0.0	0.0	0.0
3397	1	46.81	0.0	-2.52e-03	-4.16	0.0	-12.38	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.16e-03	0.0	90.0	-12.38	-2.08	0.0	0.0	0.0	0.0
3397	2	36.01	0.0	-1.96e-03	-3.20	0.0	-10.01	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.75e-03	0.0	90.0	-10.01	-1.60	0.0	0.0	0.0	0.0
3397	3	36.01	0.0	-1.92e-03	-3.20	0.0	-9.33	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.62e-03	0.0	90.0	-9.33	-1.60	0.0	0.0	0.0	0.0
3397	4	36.01	0.0	-1.84e-03	-3.20	0.0	-8.00	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.36e-03	0.0	90.0	-8.00	-1.60	0.0	0.0	0.0	0.0
3397	5	36.01	0.0	-1.84e-03	-3.20	0.0	-8.00	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.36e-03	0.0	90.0	-8.00	-1.60	0.0	0.0	0.0	0.0
3398	1	46.81	0.0	-1.74e-03	-4.16	0.0	-12.47	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-3.21e-03	0.0	90.0	-12.47	-2.08	0.0	0.0	0.0	0.0
3398	2	36.01	0.0	-1.33e-03	-3.20	0.0	-10.08	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.59e-03	0.0	90.0	-10.08	-1.60	0.0	0.0	0.0	0.0
3398	3	36.01	0.0	-1.34e-03	-3.20	0.0	-9.39	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.41e-03	0.0	90.0	-9.39	-1.60	0.0	0.0	0.0	0.0
3398	4	36.01	0.0	-1.34e-03	-3.20	0.0	-8.06	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.07e-03	0.0	90.0	-8.06	-1.60	0.0	0.0	0.0	0.0
3398	5	36.01	0.0	-1.34e-03	-3.20	0.0	-8.06	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.07e-03	0.0	90.0	-8.06	-1.60	0.0	0.0	0.0	0.0
3399	1	46.81	0.0	-1.10e-03	-4.16	0.0	-17.93	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	5.13e-05	0.0	90.0	-17.93	-2.08	0.0	0.0	0.0	0.0
3399	2	36.01	0.0	8.56e-04	-3.20	0.0	-14.57	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	4.97e-05	0.0	90.0	-14.57	-1.60	0.0	0.0	0.0	0.0
3399	3	36.01	0.0	-8.51e-04	-3.20	0.0	-13.47	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	3.49e-05	0.0	90.0	-13.47	-1.60	0.0	0.0	0.0	0.0

3399	4	36.01	0.0	-8.69e-04	-3.20	0.0	-11.31	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	4.35e-06	0.0	90.0	-11.31	-1.60	0.0	0.0	0.0	0.0
3399	5	36.01	0.0	-8.69e-04	-3.20	0.0	-11.31	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	4.35e-06	0.0	90.0	-11.31	-1.60	0.0	0.0	0.0	0.0
3400	1	46.81	0.0	-2.27e-03	-4.16	0.0	-18.77	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.61e-03	0.0	90.0	-18.77	-2.08	0.0	0.0	0.0	0.0
3400	2	36.01	0.0	-1.77e-03	-3.20	0.0	-15.26	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.29e-03	0.0	90.0	-15.26	-1.60	0.0	0.0	0.0	0.0
3400	3	36.01	0.0	-1.73e-03	-3.20	0.0	-14.09	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.21e-03	0.0	90.0	-14.09	-1.60	0.0	0.0	0.0	0.0
3400	4	36.01	0.0	-1.66e-03	-3.20	0.0	-11.80	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.06e-03	0.0	90.0	-11.80	-1.60	0.0	0.0	0.0	0.0
3400	5	36.01	0.0	-1.66e-03	-3.20	0.0	-11.80	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.06e-03	0.0	90.0	-11.80	-1.60	0.0	0.0	0.0	0.0
3401	1	46.81	0.0	-4.43e-03	-4.16	0.0	-20.65	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.16e-03	0.0	90.0	-20.65	-2.08	0.0	0.0	0.0	0.0
3401	2	36.01	0.0	-3.52e-03	-3.20	0.0	-16.75	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.76e-03	0.0	90.0	-16.75	-1.60	0.0	0.0	0.0	0.0
3401	3	36.01	0.0	-3.35e-03	-3.20	0.0	-15.51	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.62e-03	0.0	90.0	-15.51	-1.60	0.0	0.0	0.0	0.0
3401	4	36.01	0.0	-3.03e-03	-3.20	0.0	-13.09	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.36e-03	0.0	90.0	-13.09	-1.60	0.0	0.0	0.0	0.0
3401	5	36.01	0.0	-3.03e-03	-3.20	0.0	-13.09	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.36e-03	0.0	90.0	-13.09	-1.60	0.0	0.0	0.0	0.0
3402	1	46.81	0.0	-0.01	-4.16	0.0	-22.08	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.62e-03	0.0	90.0	-22.08	-2.08	0.0	0.0	0.0	0.0
3402	2	36.01	0.0	-0.01	-3.20	0.0	-17.92	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.30e-03	0.0	90.0	-17.92	-1.60	0.0	0.0	0.0	0.0
3402	3	36.01	0.0	-9.97e-03	-3.20	0.0	-16.55	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.22e-03	0.0	90.0	-16.55	-1.60	0.0	0.0	0.0	0.0
3402	4	36.01	0.0	-8.55e-03	-3.20	0.0	-13.87	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.06e-03	0.0	90.0	-13.87	-1.60	0.0	0.0	0.0	0.0
3402	5	36.01	0.0	-8.55e-03	-3.20	0.0	-13.87	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.06e-03	0.0	90.0	-13.87	-1.60	0.0	0.0	0.0	0.0
3403	1	46.81	0.0	-0.03	-4.16	0.0	-183.58	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-7.86e-04	0.0	90.0	-183.58	-2.08	0.0	0.0	0.0	0.0
3403	2	36.01	0.0	-0.02	-3.20	0.0	-148.19	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.16e-04	0.0	90.0	-148.19	-1.60	0.0	0.0	0.0	0.0
3403	3	36.01	0.0	-0.02	-3.20	0.0	-138.06	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.97e-04	0.0	90.0	-138.06	-1.60	0.0	0.0	0.0	0.0
3403	4	36.01	0.0	-0.02	-3.20	0.0	-117.83	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.50e-04	0.0	90.0	-117.83	-1.60	0.0	0.0	0.0	0.0
3403	5	36.01	0.0	-0.02	-3.20	0.0	-117.83	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.50e-04	0.0	90.0	-117.83	-1.60	0.0	0.0	0.0	0.0
3404	1	46.81	0.0	0.01	-4.16	0.0	-184.41	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-5.01e-03	0.0	90.0	-184.41	-2.08	0.0	0.0	0.0	0.0
3404	2	36.01	0.0	8.32e-03	-3.20	0.0	-148.87	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.05e-03	0.0	90.0	-148.87	-1.60	0.0	0.0	0.0	0.0
3404	3	36.01	0.0	7.75e-03	-3.20	0.0	-138.69	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.77e-03	0.0	90.0	-138.69	-1.60	0.0	0.0	0.0	0.0
3404	4	36.01	0.0	6.62e-03	-3.20	0.0	-118.38	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.23e-03	0.0	90.0	-118.38	-1.60	0.0	0.0	0.0	0.0
3404	5	36.01	0.0	6.62e-03	-3.20	0.0	-118.38	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.23e-03	0.0	90.0	-118.38	-1.60	0.0	0.0	0.0	0.0
3405	1	46.81	0.0	0.03	-4.16	0.0	276.60	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.15e-03	0.0	90.0	276.60	-2.08	0.0	0.0	0.0	0.0
3405	2	36.01	0.0	0.02	-3.20	0.0	222.50	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.40e-04	0.0	90.0	222.50	-1.60	0.0	0.0	0.0	0.0
3405	3	36.01	0.0	0.02	-3.20	0.0	208.46	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.66e-04	0.0	90.0	208.46	-1.60	0.0	0.0	0.0	0.0
3405	4	36.01	0.0	0.02	-3.20	0.0	180.38	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.11e-04	0.0	90.0	180.38	-1.60	0.0	0.0	0.0	0.0
3405	5	36.01	0.0	0.02	-3.20	0.0	180.38	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.11e-04	0.0	90.0	180.38	-1.60	0.0	0.0	0.0	0.0
3406	1	46.81	0.0	2.01e-03	-4.16	0.0	261.69	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.33e-03	0.0	90.0	261.69	-2.08	0.0	0.0	0.0	0.0
3406	2	36.01	0.0	1.66e-03	-3.20	0.0	210.63	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.07e-03	0.0	90.0	210.63	-1.60	0.0	0.0	0.0	0.0
3406	3	36.01	0.0	1.50e-03	-3.20	0.0	197.16	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.98e-04	0.0	90.0	197.16	-1.60	0.0	0.0	0.0	0.0
3406	4	36.01	0.0	1.19e-03	-3.20	0.0	170.23	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.49e-04	0.0	90.0	170.23	-1.60	0.0	0.0	0.0	0.0
3406	5	36.01	0.0	1.19e-03	-3.20	0.0	170.23	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.49e-04	0.0	90.0	170.23	-1.60	0.0	0.0	0.0	0.0
3407	1	46.81	0.0	-0.01	-4.16	0.0	271.38	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.39e-03	0.0	90.0	271.38	-2.08	0.0	0.0	0.0	0.0
3407	2	36.01	0.0	-9.18e-03	-3.20	0.0	218.44	1.60	0.0	0.0	0.0	0.0



		0.0	0.0	-1.12e-03	0.0	90.0	218.44	-1.60	0.0	0.0	0.0	0.0
3407	3	36.01	0.0	-8.64e-03	-3.20	0.0	204.44	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.05e-03	0.0	90.0	204.44	-1.60	0.0	0.0	0.0	0.0
3407	4	36.01	0.0	-7.55e-03	-3.20	0.0	176.46	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.06e-04	0.0	90.0	176.46	-1.60	0.0	0.0	0.0	0.0
3407	5	36.01	0.0	-7.55e-03	-3.20	0.0	176.46	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.06e-04	0.0	90.0	176.46	-1.60	0.0	0.0	0.0	0.0
3408	1	46.81	0.0	-0.02	-4.16	0.0	294.60	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-3.05e-03	0.0	90.0	294.60	-2.08	0.0	0.0	0.0	0.0
3408	2	36.01	0.0	-0.01	-3.20	0.0	237.19	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.46e-03	0.0	90.0	237.19	-1.60	0.0	0.0	0.0	0.0
3408	3	36.01	0.0	-0.01	-3.20	0.0	221.90	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.30e-03	0.0	90.0	221.90	-1.60	0.0	0.0	0.0	0.0
3408	4	36.01	0.0	-0.01	-3.20	0.0	191.37	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.97e-03	0.0	90.0	191.37	-1.60	0.0	0.0	0.0	0.0
3408	5	36.01	0.0	-0.01	-3.20	0.0	191.37	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.97e-03	0.0	90.0	191.37	-1.60	0.0	0.0	0.0	0.0
3409	1	114.06	0.0	-0.15	-4.16	0.0	-157.74	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	219.3	-148.50	-2.08	0.0	0.0	0.0	0.0
3409	2	87.74	0.0	-0.12	-3.20	0.0	-126.81	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	219.3	-119.70	-1.60	0.0	0.0	0.0	0.0
3409	3	87.74	0.0	-0.11	-3.20	0.0	-118.92	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	219.3	-111.81	-1.60	0.0	0.0	0.0	0.0
3409	4	87.74	0.0	-0.10	-3.20	0.0	-103.11	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	219.3	-96.00	-1.60	0.0	0.0	0.0	0.0
3409	5	87.74	0.0	-0.10	-3.20	0.0	-103.11	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	219.3	-96.00	-1.60	0.0	0.0	0.0	0.0
3410	1	104.66	0.0	-0.07	-4.16	0.0	-742.00	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	201.2	-733.68	-2.08	0.0	0.0	0.0	0.0
3410	2	80.51	0.0	-0.05	-3.20	0.0	-597.08	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	201.2	-590.68	-1.60	0.0	0.0	0.0	0.0
3410	3	80.51	0.0	-0.05	-3.20	0.0	-559.06	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	201.2	-552.66	-1.60	0.0	0.0	0.0	0.0
3410	4	80.51	0.0	-0.04	-3.20	0.0	-483.05	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	201.2	-476.65	-1.60	0.0	0.0	0.0	0.0
3410	5	80.51	0.0	-0.04	-3.20	0.0	-483.05	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	201.2	-476.65	-1.60	0.0	0.0	0.0	0.0
3411	1	46.81	0.0	-0.01	-4.16	0.0	-7.32	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.49e-03	0.0	90.0	-7.32	-2.08	0.0	0.0	0.0	0.0
3411	2	36.01	0.0	-0.01	-3.20	0.0	-5.73	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.01e-03	0.0	90.0	-5.73	-1.60	0.0	0.0	0.0	0.0
3411	3	36.01	0.0	-0.01	-3.20	0.0	-5.58	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.87e-03	0.0	90.0	-5.58	-1.60	0.0	0.0	0.0	0.0
3411	4	36.01	0.0	-9.42e-03	-3.20	0.0	-5.35	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.59e-03	0.0	90.0	-5.35	-1.60	0.0	0.0	0.0	0.0
3411	5	36.01	0.0	-9.42e-03	-3.20	0.0	-5.35	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.59e-03	0.0	90.0	-5.35	-1.60	0.0	0.0	0.0	0.0
3412	1	46.81	0.0	-0.01	-4.16	0.0	-24.62	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.82e-03	0.0	90.0	-24.62	-2.08	0.0	0.0	0.0	0.0
3412	2	36.01	0.0	-8.65e-03	-3.20	0.0	-19.94	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.47e-03	0.0	90.0	-19.94	-1.60	0.0	0.0	0.0	0.0
3412	3	36.01	0.0	-8.05e-03	-3.20	0.0	-18.47	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.37e-03	0.0	90.0	-18.47	-1.60	0.0	0.0	0.0	0.0
3412	4	36.01	0.0	-6.85e-03	-3.20	0.0	-15.58	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.18e-03	0.0	90.0	-15.58	-1.60	0.0	0.0	0.0	0.0
3412	5	36.01	0.0	-6.85e-03	-3.20	0.0	-15.58	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.18e-03	0.0	90.0	-15.58	-1.60	0.0	0.0	0.0	0.0
3413	1	46.81	0.0	-2.26e-03	-4.16	0.0	-20.27	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.47e-03	0.0	90.0	-20.27	-2.08	0.0	0.0	0.0	0.0
3413	2	36.01	0.0	-1.81e-03	-3.20	0.0	-16.37	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.17e-03	0.0	90.0	-16.37	-1.60	0.0	0.0	0.0	0.0
3413	3	36.01	0.0	-1.70e-03	-3.20	0.0	-15.23	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.11e-03	0.0	90.0	-15.23	-1.60	0.0	0.0	0.0	0.0
3413	4	36.01	0.0	-1.49e-03	-3.20	0.0	-13.02	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.97e-04	0.0	90.0	-13.02	-1.60	0.0	0.0	0.0	0.0
3413	5	36.01	0.0	-1.49e-03	-3.20	0.0	-13.02	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.97e-04	0.0	90.0	-13.02	-1.60	0.0	0.0	0.0	0.0
3414	1	46.81	0.0	-2.44e-03	-4.16	0.0	-15.12	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.36e-03	0.0	90.0	-15.12	-2.08	0.0	0.0	0.0	0.0
3414	2	36.01	0.0	-1.92e-03	-3.20	0.0	-12.40	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.09e-03	0.0	90.0	-12.40	-1.60	0.0	0.0	0.0	0.0
3414	3	36.01	0.0	-1.86e-03	-3.20	0.0	-11.34	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.02e-03	0.0	90.0	-11.34	-1.60	0.0	0.0	0.0	0.0
3414	4	36.01	0.0	-1.75e-03	-3.20	0.0	-9.23	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.96e-04	0.0	90.0	-9.23	-1.60	0.0	0.0	0.0	0.0
3414	5	36.01	0.0	-1.75e-03	-3.20	0.0	-9.23	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.96e-04	0.0	90.0	-9.23	-1.60	0.0	0.0	0.0	0.0

3415	1	46.81	0.0	-2.19e-03	-4.16	0.0	-8.64	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.93e-03	0.0	90.0	-8.64	-2.08	0.0	0.0	0.0	0.0
3415	2	36.01	0.0	-1.68e-03	-3.20	0.0	-7.15	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.56e-03	0.0	90.0	-7.15	-1.60	0.0	0.0	0.0	0.0
3415	3	36.01	0.0	-1.68e-03	-3.20	0.0	-6.47	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.45e-03	0.0	90.0	-6.47	-1.60	0.0	0.0	0.0	0.0
3415	4	36.01	0.0	-1.69e-03	-3.20	0.0	-5.08	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.22e-03	0.0	90.0	-5.08	-1.60	0.0	0.0	0.0	0.0
3415	5	36.01	0.0	-1.69e-03	-3.20	0.0	-5.08	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.22e-03	0.0	90.0	-5.08	-1.60	0.0	0.0	0.0	0.0
3416	1	46.81	0.0	-4.82e-03	-4.16	0.0	-10.86	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-3.12e-03	0.0	90.0	-10.86	-2.08	0.0	0.0	0.0	0.0
3416	2	36.01	0.0	-3.87e-03	-3.20	0.0	-8.66	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.51e-03	0.0	90.0	-8.66	-1.60	0.0	0.0	0.0	0.0
3416	3	36.01	0.0	-3.64e-03	-3.20	0.0	-8.22	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.35e-03	0.0	90.0	-8.22	-1.60	0.0	0.0	0.0	0.0
3416	4	36.01	0.0	-3.21e-03	-3.20	0.0	-7.37	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.02e-03	0.0	90.0	-7.37	-1.60	0.0	0.0	0.0	0.0
3416	5	36.01	0.0	-3.21e-03	-3.20	0.0	-7.37	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.02e-03	0.0	90.0	-7.37	-1.60	0.0	0.0	0.0	0.0
3417	1	46.81	0.0	4.07e-03	-4.16	0.0	7.09	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.47e-04	0.0	90.0	7.09	-2.08	0.0	0.0	0.0	0.0
3417	2	36.01	0.0	3.24e-03	-3.20	0.0	5.76	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.98e-04	0.0	90.0	5.76	-1.60	0.0	0.0	0.0	0.0
3417	3	36.01	0.0	3.09e-03	-3.20	0.0	5.33	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.87e-04	0.0	90.0	5.33	-1.60	0.0	0.0	0.0	0.0
3417	4	36.01	0.0	2.78e-03	-3.20	0.0	4.47	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.67e-04	0.0	90.0	4.47	-1.60	0.0	0.0	0.0	0.0
3417	5	36.01	0.0	2.78e-03	-3.20	0.0	4.47	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.67e-04	0.0	90.0	4.47	-1.60	0.0	0.0	0.0	0.0
3418	1	46.81	0.0	-1.89e-03	-4.16	0.0	33.72	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.61e-03	0.0	90.0	33.72	-2.08	0.0	0.0	0.0	0.0
3418	2	36.01	0.0	-1.47e-03	-3.20	0.0	27.21	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.29e-03	0.0	90.0	27.21	-1.60	0.0	0.0	0.0	0.0
3418	3	36.01	0.0	-1.45e-03	-3.20	0.0	25.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.21e-03	0.0	90.0	25.43	-1.60	0.0	0.0	0.0	0.0
3418	4	36.01	0.0	-1.42e-03	-3.20	0.0	21.83	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.06e-03	0.0	90.0	21.83	-1.60	0.0	0.0	0.0	0.0
3418	5	36.01	0.0	-1.42e-03	-3.20	0.0	21.83	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.06e-03	0.0	90.0	21.83	-1.60	0.0	0.0	0.0	0.0
3419	1	46.81	0.0	-4.29e-03	-4.16	0.0	41.74	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.03e-03	0.0	90.0	41.74	-2.08	0.0	0.0	0.0	0.0
3419	2	36.01	0.0	-3.39e-03	-3.20	0.0	33.66	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.64e-03	0.0	90.0	33.66	-1.60	0.0	0.0	0.0	0.0
3419	3	36.01	0.0	-3.26e-03	-3.20	0.0	31.47	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.52e-03	0.0	90.0	31.47	-1.60	0.0	0.0	0.0	0.0
3419	4	36.01	0.0	-3.01e-03	-3.20	0.0	27.04	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.29e-03	0.0	90.0	27.04	-1.60	0.0	0.0	0.0	0.0
3419	5	36.01	0.0	-3.01e-03	-3.20	0.0	27.04	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.29e-03	0.0	90.0	27.04	-1.60	0.0	0.0	0.0	0.0
3420	1	46.81	0.0	-0.01	-4.16	0.0	44.22	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.94e-03	0.0	90.0	44.22	-2.08	0.0	0.0	0.0	0.0
3420	2	36.01	0.0	-0.01	-3.20	0.0	35.97	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.56e-03	0.0	90.0	35.97	-1.60	0.0	0.0	0.0	0.0
3420	3	36.01	0.0	-0.01	-3.20	0.0	33.24	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.46e-03	0.0	90.0	33.24	-1.60	0.0	0.0	0.0	0.0
3420	4	36.01	0.0	-9.33e-03	-3.20	0.0	27.55	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.27e-03	0.0	90.0	27.55	-1.60	0.0	0.0	0.0	0.0
3420	5	36.01	0.0	-9.33e-03	-3.20	0.0	27.55	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.27e-03	0.0	90.0	27.55	-1.60	0.0	0.0	0.0	0.0
3421	1	46.81	0.0	-0.03	-4.16	0.0	-237.14	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.32e-03	0.0	90.0	-237.14	-2.08	0.0	0.0	0.0	0.0
3421	2	36.01	0.0	-0.02	-3.20	0.0	-191.52	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.85e-03	0.0	90.0	-191.52	-1.60	0.0	0.0	0.0	0.0
3421	3	36.01	0.0	-0.02	-3.20	0.0	-178.33	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.75e-03	0.0	90.0	-178.33	-1.60	0.0	0.0	0.0	0.0
3421	4	36.01	0.0	-0.02	-3.20	0.0	-152.02	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.54e-03	0.0	90.0	-152.02	-1.60	0.0	0.0	0.0	0.0
3421	5	36.01	0.0	-0.02	-3.20	0.0	-152.02	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.54e-03	0.0	90.0	-152.02	-1.60	0.0	0.0	0.0	0.0
3422	1	46.81	0.0	0.02	-4.16	0.0	-238.21	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-3.70e-03	0.0	90.0	-238.21	-2.08	0.0	0.0	0.0	0.0
3422	2	36.01	0.0	0.01	-3.20	0.0	-192.41	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.99e-03	0.0	90.0	-192.41	-1.60	0.0	0.0	0.0	0.0
3422	3	36.01	0.0	0.01	-3.20	0.0	-179.14	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.79e-03	0.0	90.0	-179.14	-1.60	0.0	0.0	0.0	0.0
3422	4	36.01	0.0	0.01	-3.20	0.0	-152.79	1.60	0.0	0.0	0.0	0.0

		0.0	0.0	-2.38e-03	0.0	90.0	-152.79	-1.60	0.0	0.0	0.0	0.0
3422	5	36.01	0.0	0.01	-3.20	0.0	-152.79	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.38e-03	0.0	90.0	-152.79	-1.60	0.0	0.0	0.0	0.0
3423	1	46.81	0.0	0.02	-4.16	0.0	85.20	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.19e-03	0.0	90.0	85.20	-2.08	0.0	0.0	0.0	0.0
3423	2	36.01	0.0	0.02	-3.20	0.0	67.95	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.65e-04	0.0	90.0	67.95	-1.60	0.0	0.0	0.0	0.0
3423	3	36.01	0.0	0.01	-3.20	0.0	64.50	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.90e-04	0.0	90.0	64.50	-1.60	0.0	0.0	0.0	0.0
3423	4	36.01	0.0	0.01	-3.20	0.0	57.41	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.36e-04	0.0	90.0	57.41	-1.60	0.0	0.0	0.0	0.0
3423	5	36.01	0.0	0.01	-3.20	0.0	57.41	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.36e-04	0.0	90.0	57.41	-1.60	0.0	0.0	0.0	0.0
3424	1	46.81	0.0	5.87e-03	-4.16	0.0	308.41	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-7.99e-04	0.0	90.0	308.41	-2.08	0.0	0.0	0.0	0.0
3424	2	36.01	0.0	4.82e-03	-3.20	0.0	247.73	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.44e-04	0.0	90.0	247.73	-1.60	0.0	0.0	0.0	0.0
3424	3	36.01	0.0	4.39e-03	-3.20	0.0	232.48	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.02e-04	0.0	90.0	232.48	-1.60	0.0	0.0	0.0	0.0
3424	4	36.01	0.0	3.52e-03	-3.20	0.0	202.17	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.16e-04	0.0	90.0	202.17	-1.60	0.0	0.0	0.0	0.0
3424	5	36.01	0.0	3.52e-03	-3.20	0.0	202.17	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.16e-04	0.0	90.0	202.17	-1.60	0.0	0.0	0.0	0.0
3425	1	46.81	0.0	-0.02	-4.16	0.0	342.50	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.33e-03	0.0	90.0	342.50	-2.08	0.0	0.0	0.0	0.0
3425	2	36.01	0.0	-0.01	-3.20	0.0	276.04	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.88e-03	0.0	90.0	276.04	-1.60	0.0	0.0	0.0	0.0
3425	3	36.01	0.0	-0.01	-3.20	0.0	257.82	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.76e-03	0.0	90.0	257.82	-1.60	0.0	0.0	0.0	0.0
3425	4	36.01	0.0	-0.01	-3.20	0.0	221.59	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.50e-03	0.0	90.0	221.59	-1.60	0.0	0.0	0.0	0.0
3425	5	36.01	0.0	-0.01	-3.20	0.0	221.59	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.50e-03	0.0	90.0	221.59	-1.60	0.0	0.0	0.0	0.0
3426	1	46.81	0.0	-5.00e-03	-4.16	0.0	308.40	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.77e-03	0.0	90.0	308.40	-2.08	0.0	0.0	0.0	0.0
3426	2	36.01	0.0	-4.00e-03	-3.20	0.0	248.45	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.42e-03	0.0	90.0	248.45	-1.60	0.0	0.0	0.0	0.0
3426	3	36.01	0.0	-3.78e-03	-3.20	0.0	232.27	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.33e-03	0.0	90.0	232.27	-1.60	0.0	0.0	0.0	0.0
3426	4	36.01	0.0	-3.37e-03	-3.20	0.0	199.85	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.15e-03	0.0	90.0	199.85	-1.60	0.0	0.0	0.0	0.0
3426	5	36.01	0.0	-3.37e-03	-3.20	0.0	199.85	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.15e-03	0.0	90.0	199.85	-1.60	0.0	0.0	0.0	0.0
3427	1	114.06	0.0	-0.12	-4.16	0.0	-714.76	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	219.3	-705.51	-2.08	0.0	0.0	0.0	0.0
3427	2	87.74	0.0	-0.09	-3.20	0.0	-575.10	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	219.3	-567.98	-1.60	0.0	0.0	0.0	0.0
3427	3	87.74	0.0	-0.09	-3.20	0.0	-538.58	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	219.3	-531.47	-1.60	0.0	0.0	0.0	0.0
3427	4	87.74	0.0	-0.08	-3.20	0.0	-465.56	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	219.3	-458.45	-1.60	0.0	0.0	0.0	0.0
3427	5	87.74	0.0	-0.08	-3.20	0.0	-465.56	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	219.3	-458.45	-1.60	0.0	0.0	0.0	0.0
3428	1	104.66	0.0	-0.06	-4.16	0.0	-701.45	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	201.2	-693.13	-2.08	0.0	0.0	0.0	0.0
3428	2	80.51	0.0	-0.05	-3.20	0.0	-564.89	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	201.2	-558.49	-1.60	0.0	0.0	0.0	0.0
3428	3	80.51	0.0	-0.05	-3.20	0.0	-528.37	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	201.2	-521.97	-1.60	0.0	0.0	0.0	0.0
3428	4	80.51	0.0	-0.04	-3.20	0.0	-455.24	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	201.2	-448.84	-1.60	0.0	0.0	0.0	0.0
3428	5	80.51	0.0	-0.04	-3.20	0.0	-455.24	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	201.2	-448.84	-1.60	0.0	0.0	0.0	0.0
3429	1	46.81	0.0	-0.01	-4.16	0.0	-0.40	2.08	0.0	4.89	0.0	0.0
		0.0	0.0	-2.59e-03	0.0	90.0	-0.40	-2.08	0.0	4.89	0.0	0.0
3429	2	36.01	0.0	-9.91e-03	-3.20	0.0	-0.32	1.60	0.0	3.93	0.0	0.0
		0.0	0.0	-2.08e-03	0.0	90.0	-0.32	-1.60	0.0	3.93	0.0	0.0
3429	3	36.01	0.0	-9.23e-03	-3.20	0.0	-0.30	1.60	0.0	3.69	0.0	0.0
		0.0	0.0	-1.95e-03	0.0	90.0	-0.30	-1.60	0.0	3.69	0.0	0.0
3429	4	36.01	0.0	-7.85e-03	-3.20	0.0	-0.26	1.60	0.0	3.21	0.0	0.0
		0.0	0.0	-1.68e-03	0.0	90.0	-0.26	-1.60	0.0	3.21	0.0	0.0
3429	5	36.01	0.0	-7.85e-03	-3.20	0.0	-0.26	1.60	0.0	3.21	0.0	0.0
		0.0	0.0	-1.68e-03	0.0	90.0	-0.26	-1.60	0.0	3.21	0.0	0.0
3430	1	37.02	0.0	2.58e-03	-3.93	0.0	-141.64	2.08	0.52	-3.65	-44.04	-9.46
		-9.46	-44.04	-0.01	0.0	85.0	-141.64	-1.85	0.52	-3.65	0.0	0.0
3430	2	28.93	0.0	2.03e-03	-3.02	0.0	-113.70	1.59	0.42	-2.94	-35.50	-6.38
		-6.38	-35.50	-0.01	0.0	85.0	-113.70	-1.44	0.42	-2.94	0.0	0.0

3430	3	28.28	0.0	1.97e-03	-3.02	0.0	-106.91	1.60	0.39	-2.76	-33.15	-7.68
		-7.68	-33.15	-0.01	0.0	85.0	-106.91	-1.42	0.39	-2.76	0.0	0.0
3430	4	27.13	0.0	1.83e-03	-3.02	0.0	-93.12	1.63	0.33	-2.39	-28.47	-10.25
		-10.25	-28.47	-8.64e-03	0.0	85.0	-93.12	-1.39	0.33	-2.39	0.0	0.0
3430	5	27.13	0.0	1.83e-03	-3.02	0.0	-93.12	1.63	0.33	-2.39	-28.47	-10.25
		-10.25	-28.47	-8.64e-03	0.0	85.0	-93.12	-1.39	0.33	-2.39	0.0	0.0
3431	1	46.81	0.0	-1.76e-03	-4.16	0.0	-0.61	2.08	0.0	-0.19	0.0	0.0
		0.0	0.0	-1.24e-03	0.0	90.0	-0.61	-2.08	0.0	-0.19	0.0	0.0
3431	2	36.01	0.0	-1.40e-03	-3.20	0.0	-0.49	1.60	0.0	-0.13	0.0	0.0
		0.0	0.0	-9.95e-04	0.0	90.0	-0.49	-1.60	0.0	-0.13	0.0	0.0
3431	3	36.01	0.0	-1.33e-03	-3.20	0.0	-0.46	1.60	0.0	-0.15	0.0	0.0
		0.0	0.0	-9.34e-04	0.0	90.0	-0.46	-1.60	0.0	-0.15	0.0	0.0
3431	4	36.01	0.0	-1.19e-03	-3.20	0.0	-0.40	1.60	0.0	-0.17	0.0	0.0
		0.0	0.0	-8.13e-04	0.0	90.0	-0.40	-1.60	0.0	-0.17	0.0	0.0
3431	5	36.01	0.0	-1.19e-03	-3.20	0.0	-0.40	1.60	0.0	-0.17	0.0	0.0
		0.0	0.0	-8.13e-04	0.0	90.0	-0.40	-1.60	0.0	-0.17	0.0	0.0
3432	1	46.81	0.0	-2.24e-03	-4.16	0.0	-0.80	2.08	0.0	-0.25	0.0	0.0
		0.0	0.0	-1.34e-03	0.0	90.0	-0.80	-2.08	0.0	-0.25	0.0	0.0
3432	2	36.01	0.0	-1.75e-03	-3.20	0.0	-0.64	1.60	0.0	-0.20	0.0	0.0
		0.0	0.0	-1.08e-03	0.0	90.0	-0.64	-1.60	0.0	-0.20	0.0	0.0
3432	3	36.01	0.0	-1.71e-03	-3.20	0.0	-0.60	1.60	0.0	-0.20	0.0	0.0
		0.0	0.0	-1.01e-03	0.0	90.0	-0.60	-1.60	0.0	-0.20	0.0	0.0
3432	4	36.01	0.0	-1.64e-03	-3.20	0.0	-0.52	1.60	0.0	-0.21	0.0	0.0
		0.0	0.0	-8.84e-04	0.0	90.0	-0.52	-1.60	0.0	-0.21	0.0	0.0
3432	5	36.01	0.0	-1.64e-03	-3.20	0.0	-0.52	1.60	0.0	-0.21	0.0	0.0
		0.0	0.0	-8.84e-04	0.0	90.0	-0.52	-1.60	0.0	-0.21	0.0	0.0
3433	1	46.81	0.0	-1.68e-03	-4.16	0.0	-0.97	2.08	0.0	-0.70	0.0	0.0
		0.0	0.0	-1.62e-03	0.0	90.0	-0.97	-2.08	0.0	-0.70	0.0	0.0
3433	2	36.01	0.0	-1.27e-03	-3.20	0.0	-0.78	1.60	0.0	-0.57	0.0	0.0
		0.0	0.0	-1.31e-03	0.0	90.0	-0.78	-1.60	0.0	-0.57	0.0	0.0
3433	3	36.01	0.0	-1.30e-03	-3.20	0.0	-0.73	1.60	0.0	-0.52	0.0	0.0
		0.0	0.0	-1.22e-03	0.0	90.0	-0.73	-1.60	0.0	-0.52	0.0	0.0
3433	4	36.01	0.0	-1.36e-03	-3.20	0.0	-0.63	1.60	0.0	-0.43	0.0	0.0
		0.0	0.0	-1.05e-03	0.0	90.0	-0.63	-1.60	0.0	-0.43	0.0	0.0
3433	5	36.01	0.0	-1.36e-03	-3.20	0.0	-0.63	1.60	0.0	-0.43	0.0	0.0
		0.0	0.0	-1.05e-03	0.0	90.0	-0.63	-1.60	0.0	-0.43	0.0	0.0
3434	1	46.81	0.0	-3.50e-03	-4.16	0.0	-1.14	2.08	0.0	3.01	0.0	0.0
		0.0	0.0	-7.13e-03	0.0	90.0	-1.14	-2.08	0.0	3.01	0.0	0.0
3434	2	36.01	0.0	-2.74e-03	-3.20	0.0	-0.92	1.60	0.0	2.44	0.0	0.0
		0.0	0.0	-5.78e-03	0.0	90.0	-0.92	-1.60	0.0	2.44	0.0	0.0
3434	3	36.01	0.0	-2.68e-03	-3.20	0.0	-0.86	1.60	0.0	2.27	0.0	0.0
		0.0	0.0	-5.36e-03	0.0	90.0	-0.86	-1.60	0.0	2.27	0.0	0.0
3434	4	36.01	0.0	-2.54e-03	-3.20	0.0	-0.75	1.60	0.0	1.95	0.0	0.0
		0.0	0.0	-4.52e-03	0.0	90.0	-0.75	-1.60	0.0	1.95	0.0	0.0
3434	5	36.01	0.0	-2.54e-03	-3.20	0.0	-0.75	1.60	0.0	1.95	0.0	0.0
		0.0	0.0	-4.52e-03	0.0	90.0	-0.75	-1.60	0.0	1.95	0.0	0.0
3435	1	65.64	0.0	-0.02	-3.93	0.0	148.71	2.46	-0.18	-9.55	0.0	0.0
		0.0	-15.51	1.68e-03	0.0	85.0	148.71	-1.47	-0.18	-9.55	-15.51	42.39
3435	2	51.97	0.0	-0.01	-3.02	0.0	120.03	1.92	-0.15	-7.69	0.0	0.0
		0.0	-12.50	1.36e-03	0.0	85.0	120.03	-1.10	-0.15	-7.69	-12.50	34.98
3435	3	49.82	0.0	-0.01	-3.02	0.0	111.93	1.88	-0.14	-7.20	0.0	0.0
		0.0	-11.69	1.27e-03	0.0	85.0	111.93	-1.14	-0.14	-7.20	-11.69	31.55
3435	4	45.52	0.0	-0.01	-3.02	0.0	95.65	1.80	-0.12	-6.22	0.0	0.0
		0.0	-10.03	1.08e-03	0.0	85.0	95.65	-1.22	-0.12	-6.22	-10.03	24.66
3435	5	45.52	0.0	-0.01	-3.02	0.0	95.65	1.80	-0.12	-6.22	0.0	0.0
		0.0	-10.03	1.08e-03	0.0	85.0	95.65	-1.22	-0.12	-6.22	-10.03	24.66
3436	1	47.66	3.35	-0.01	-3.93	0.0	100.60	2.10	0.04	-5.29	0.0	0.0
		0.0	0.0	-4.59e-03	0.0	85.0	100.60	-1.83	0.04	-5.29	3.35	11.66
3436	2	37.36	2.72	-9.99e-03	-3.02	0.0	81.17	1.63	0.03	-4.26	0.0	0.0
		0.0	0.0	-3.70e-03	0.0	85.0	81.17	-1.39	0.03	-4.26	2.72	10.22
3436	3	36.33	2.52	-9.50e-03	-3.02	0.0	75.68	1.61	0.03	-3.99	0.0	0.0
		0.0	0.0	-3.45e-03	0.0	85.0	75.68	-1.41	0.03	-3.99	2.52	8.38
3436	4	34.48	2.09	-8.50e-03	-3.02	0.0	64.74	1.57	0.02	-3.43	0.0	0.0
		0.0	0.0	-2.95e-03	0.0	85.0	64.74	-1.46	0.02	-3.43	2.09	4.74
3436	5	34.48	2.09	-8.50e-03	-3.02	0.0	64.74	1.57	0.02	-3.43	0.0	0.0
		0.0	0.0	-2.95e-03	0.0	85.0	64.74	-1.46	0.02	-3.43	2.09	4.74
3437	1	62.09	24.73	-2.27e-03	-4.16	0.0	129.65	2.12	0.24	-5.29	3.35	13.71
		13.71	3.35	-2.76e-03	0.0	90.0	129.65	-2.05	0.24	-5.29	24.73	16.85
3437	2	49.14	19.94	-1.81e-03	-3.20	0.0	103.52	1.63	0.19	-4.26	2.72	11.84
		11.84	2.72	-2.22e-03	0.0	90.0	103.52	-1.57	0.19	-4.26	19.94	14.42
3437	3	47.14	18.61	-1.72e-03	-3.20	0.0	98.03	1.63	0.18	-3.99	2.52	9.93
		9.93	2.52	-2.08e-03	0.0	90.0	98.03	-1.57	0.18	-3.99	18.61	12.35
3437	4	43.12	15.95	-1.55e-03	-3.20	0.0	87.08	1.62	0.15	-3.43	2.09	6.16
		6.16	2.09	-1.79e-03	0.0	90.0	87.08	-1.58	0.15	-3.43	15.95	8.06
3437	5	43.12	15.95	-1.55e-03	-3.20	0.0	87.08	1.62	0.15	-3.43	2.09	6.16
		6.16	2.09	-1.79e-03	0.0	90.0	87.08	-1.58	0.15	-3.43	15.95	8.06
3438	1	48.36	24.73	0.01	-3.93	0.0	101.03	1.81	-0.29	-5.29	24.73	12.91

		0.0	0.0	2.61e-03	0.0	85.0	101.03	-2.12	-0.29	-5.29	0.0	0.0
3438	2	37.96	19.94	0.01	-3.02	0.0	81.54	1.38	-0.23	-4.26	19.94	11.28
		0.0	0.0	2.11e-03	0.0	85.0	81.54	-1.64	-0.23	-4.26	0.0	0.0
3438	3	36.88	18.61	9.66e-03	-3.02	0.0	76.03	1.40	-0.22	-3.99	18.61	9.36
		0.0	0.0	1.96e-03	0.0	85.0	76.03	-1.62	-0.22	-3.99	0.0	0.0
3438	4	34.81	15.95	8.63e-03	-3.02	0.0	64.96	1.45	-0.19	-3.43	15.95	5.38
		0.0	0.0	1.67e-03	0.0	85.0	64.96	-1.57	-0.19	-3.43	0.0	0.0
3438	5	34.81	15.95	8.63e-03	-3.02	0.0	64.96	1.45	-0.19	-3.43	15.95	5.38
		0.0	0.0	1.67e-03	0.0	85.0	64.96	-1.57	-0.19	-3.43	0.0	0.0
3439	1	53.52	3.28	-0.01	-3.93	0.0	94.84	2.22	0.04	-5.38	0.0	0.0
		0.0	0.0	-4.58e-03	0.0	85.0	94.84	-1.71	0.04	-5.38	3.28	22.08
3439	2	41.96	2.66	-0.01	-3.02	0.0	76.36	1.73	0.03	-4.33	0.0	0.0
		0.0	0.0	-3.69e-03	0.0	85.0	76.36	-1.29	0.03	-4.33	2.66	18.39
3439	3	40.81	2.46	-0.01	-3.02	0.0	71.46	1.70	0.03	-4.05	0.0	0.0
		0.0	0.0	-3.45e-03	0.0	85.0	71.46	-1.32	0.03	-4.05	2.46	16.35
3439	4	38.46	2.05	-9.82e-03	-3.02	0.0	61.61	1.65	0.02	-3.49	0.0	0.0
		0.0	0.0	-2.95e-03	0.0	85.0	61.61	-1.37	0.02	-3.49	2.05	12.18
3439	5	38.46	2.05	-9.82e-03	-3.02	0.0	61.61	1.65	0.02	-3.49	0.0	0.0
		0.0	0.0	-2.95e-03	0.0	85.0	61.61	-1.37	0.02	-3.49	2.05	12.18
3440	1	69.88	24.77	-2.29e-03	-4.16	0.0	117.30	2.04	0.24	-5.38	3.28	24.91
		21.23	3.28	-2.77e-03	0.0	90.0	117.30	-2.12	0.24	-5.38	24.77	21.23
3440	2	55.32	19.98	-1.82e-03	-3.20	0.0	93.05	1.57	0.19	-4.33	2.66	20.70
		17.94	2.66	-2.23e-03	0.0	90.0	93.05	-1.63	0.19	-4.33	19.98	17.94
3440	3	53.05	18.64	-1.74e-03	-3.20	0.0	88.98	1.57	0.18	-4.05	2.46	18.48
		15.61	2.46	-2.09e-03	0.0	90.0	88.98	-1.63	0.18	-4.05	18.64	15.61
3440	4	48.45	15.97	-1.56e-03	-3.20	0.0	80.86	1.57	0.15	-3.49	2.05	13.96
		10.92	2.05	-1.80e-03	0.0	90.0	80.86	-1.63	0.15	-3.49	15.97	10.92
3440	5	48.45	15.97	-1.56e-03	-3.20	0.0	80.86	1.57	0.15	-3.49	2.05	13.96
		10.92	2.05	-1.80e-03	0.0	90.0	80.86	-1.63	0.15	-3.49	15.97	10.92
3441	1	55.30	24.77	0.02	-3.93	0.0	69.68	1.67	-0.29	-5.38	24.77	25.26
		0.0	0.0	2.60e-03	0.0	85.0	69.68	-2.26	-0.29	-5.38	0.0	0.0
3441	2	43.50	19.98	0.01	-3.02	0.0	56.15	1.26	-0.24	-4.33	19.98	21.12
		0.0	0.0	2.11e-03	0.0	85.0	56.15	-1.76	-0.24	-4.33	0.0	0.0
3441	3	42.12	18.64	0.01	-3.02	0.0	52.46	1.29	-0.22	-4.05	18.64	18.67
		0.0	0.0	1.96e-03	0.0	85.0	52.46	-1.73	-0.22	-4.05	0.0	0.0
3441	4	39.33	15.97	0.01	-3.02	0.0	45.12	1.35	-0.19	-3.49	15.97	13.71
		0.0	0.0	1.67e-03	0.0	85.0	45.12	-1.67	-0.19	-3.49	0.0	0.0
3441	5	39.33	15.97	0.01	-3.02	0.0	45.12	1.35	-0.19	-3.49	15.97	13.71
		0.0	0.0	1.67e-03	0.0	85.0	45.12	-1.67	-0.19	-3.49	0.0	0.0
3442	1	59.34	2.80	-0.02	-3.93	0.0	114.26	2.35	0.03	-5.82	0.0	0.0
		0.0	0.0	-4.50e-03	0.0	85.0	114.26	-1.58	0.03	-5.82	2.80	32.33
3442	2	46.88	2.29	-0.01	-3.02	0.0	92.02	1.83	0.03	-4.68	0.0	0.0
		0.0	0.0	-3.63e-03	0.0	85.0	92.02	-1.20	0.03	-4.68	2.29	26.83
3442	3	45.11	2.10	-0.01	-3.02	0.0	85.99	1.79	0.02	-4.38	0.0	0.0
		0.0	0.0	-3.39e-03	0.0	85.0	85.99	-1.23	0.02	-4.38	2.10	23.99
3442	4	41.89	1.71	-0.01	-3.02	0.0	74.14	1.73	0.02	-3.77	0.0	0.0
		0.0	0.0	-2.89e-03	0.0	85.0	74.14	-1.30	0.02	-3.77	1.71	18.27
3442	5	41.89	1.71	-0.01	-3.02	0.0	74.14	1.73	0.02	-3.77	0.0	0.0
		0.0	0.0	-2.89e-03	0.0	85.0	74.14	-1.30	0.02	-3.77	1.71	18.27
3443	1	76.13	24.89	-3.20e-03	-4.16	0.0	158.80	2.13	0.25	-5.82	2.80	27.25
		27.25	2.80	-2.78e-03	0.0	90.0	158.80	-2.03	0.25	-5.82	24.89	31.41
3443	2	60.37	20.08	-2.55e-03	-3.20	0.0	126.45	1.64	0.20	-4.68	2.29	22.77
		22.77	2.29	-2.24e-03	0.0	90.0	126.45	-1.56	0.20	-4.68	20.08	25.96
3443	3	57.76	18.73	-2.43e-03	-3.20	0.0	120.23	1.64	0.18	-4.38	2.10	20.15
		20.15	2.10	-2.10e-03	0.0	90.0	120.23	-1.56	0.18	-4.38	18.73	23.36
3443	4	52.48	16.04	-2.18e-03	-3.20	0.0	107.84	1.64	0.16	-3.77	1.71	14.89
		14.89	1.71	-1.80e-03	0.0	90.0	107.84	-1.57	0.16	-3.77	16.04	18.06
3443	5	52.48	16.04	-2.18e-03	-3.20	0.0	107.84	1.64	0.16	-3.77	1.71	14.89
		14.89	1.71	-1.80e-03	0.0	90.0	107.84	-1.57	0.16	-3.77	16.04	18.06
3444	1	57.70	24.89	0.02	-3.93	0.0	130.41	1.62	-0.29	-5.82	24.89	29.52
		0.0	0.0	2.59e-03	0.0	85.0	130.41	-2.31	-0.29	-5.82	0.0	0.0
3444	2	45.38	20.08	0.01	-3.02	0.0	105.02	1.22	-0.24	-4.68	20.08	24.44
		0.0	0.0	2.09e-03	0.0	85.0	105.02	-1.80	-0.24	-4.68	0.0	0.0
3444	3	43.95	18.73	0.01	-3.02	0.0	98.32	1.25	-0.22	-4.38	18.73	21.93
		0.0	0.0	1.95e-03	0.0	85.0	98.32	-1.77	-0.22	-4.38	0.0	0.0
3444	4	41.08	16.04	0.01	-3.02	0.0	84.69	1.31	-0.19	-3.77	16.04	16.83
		0.0	0.0	1.65e-03	0.0	85.0	84.69	-1.71	-0.19	-3.77	0.0	0.0
3444	5	41.08	16.04	0.01	-3.02	0.0	84.69	1.31	-0.19	-3.77	16.04	16.83
		0.0	0.0	1.65e-03	0.0	85.0	84.69	-1.71	-0.19	-3.77	0.0	0.0
3445	1	46.81	0.0	1.44e-03	-4.16	0.0	-1.30	2.08	0.0	-1.56	0.0	0.0
		0.0	0.0	3.50e-03	0.0	90.0	-1.30	-2.08	0.0	-1.56	0.0	0.0
3445	2	36.01	0.0	1.06e-03	-3.20	0.0	-1.05	1.60	0.0	-1.28	0.0	0.0
		0.0	0.0	2.85e-03	0.0	90.0	-1.05	-1.60	0.0	-1.28	0.0	0.0
3445	3	36.01	0.0	1.13e-03	-3.20	0.0	-0.98	1.60	0.0	-1.18	0.0	0.0
		0.0	0.0	2.63e-03	0.0	90.0	-0.98	-1.60	0.0	-1.18	0.0	0.0
3445	4	36.01	0.0	1.25e-03	-3.20	0.0	-0.85	1.60	0.0	-0.96	0.0	0.0
		0.0	0.0	2.18e-03	0.0	90.0	-0.85	-1.60	0.0	-0.96	0.0	0.0



3445	5	36.01	0.0	1.25e-03	-3.20	0.0	-0.85	1.60	0.0	-0.96	0.0	0.0
		0.0	0.0	2.18e-03	0.0	90.0	-0.85	-1.60	0.0	-0.96	0.0	0.0
3446	1	46.81	0.0	-0.01	-4.16	0.0	-0.20	2.08	0.0	2.05	0.0	0.0
		0.0	0.0	-2.63e-03	0.0	90.0	-0.20	-2.08	0.0	2.05	0.0	0.0
3446	2	36.01	0.0	-0.01	-3.20	0.0	-0.16	1.60	0.0	1.62	0.0	0.0
		0.0	0.0	-2.12e-03	0.0	90.0	-0.16	-1.60	0.0	1.62	0.0	0.0
3446	3	36.01	0.0	-0.01	-3.20	0.0	-0.15	1.60	0.0	1.55	0.0	0.0
		0.0	0.0	-1.98e-03	0.0	90.0	-0.15	-1.60	0.0	1.55	0.0	0.0
3446	4	36.01	0.0	-8.85e-03	-3.20	0.0	-0.13	1.60	0.0	1.42	0.0	0.0
		0.0	0.0	-1.71e-03	0.0	90.0	-0.13	-1.60	0.0	1.42	0.0	0.0
3446	5	36.01	0.0	-8.85e-03	-3.20	0.0	-0.13	1.60	0.0	1.42	0.0	0.0
		0.0	0.0	-1.71e-03	0.0	90.0	-0.13	-1.60	0.0	1.42	0.0	0.0
3447	1	46.81	0.0	-1.41e-03	-4.16	0.0	-1.41	2.08	0.0	-1.63	0.0	0.0
		0.0	0.0	-1.35e-03	0.0	90.0	-1.41	-2.08	0.0	-1.63	0.0	0.0
3447	2	36.01	0.0	-1.08e-03	-3.20	0.0	-1.13	1.60	0.0	-1.30	0.0	0.0
		0.0	0.0	-1.08e-03	0.0	90.0	-1.13	-1.60	0.0	-1.30	0.0	0.0
3447	3	36.01	0.0	-1.08e-03	-3.20	0.0	-1.06	1.60	0.0	-1.23	0.0	0.0
		0.0	0.0	-1.02e-03	0.0	90.0	-1.06	-1.60	0.0	-1.23	0.0	0.0
3447	4	36.01	0.0	-1.10e-03	-3.20	0.0	-0.91	1.60	0.0	-1.10	0.0	0.0
		0.0	0.0	-8.90e-04	0.0	90.0	-0.91	-1.60	0.0	-1.10	0.0	0.0
3447	5	36.01	0.0	-1.10e-03	-3.20	0.0	-0.91	1.60	0.0	-1.10	0.0	0.0
		0.0	0.0	-8.90e-04	0.0	90.0	-0.91	-1.60	0.0	-1.10	0.0	0.0
3448	1	46.81	0.0	-2.56e-03	-4.16	0.0	-1.47	2.08	0.0	-3.26	0.0	0.0
		0.0	0.0	-1.20e-03	0.0	90.0	-1.47	-2.08	0.0	-3.26	0.0	0.0
3448	2	36.01	0.0	-1.97e-03	-3.20	0.0	-1.19	1.60	0.0	-2.63	0.0	0.0
		0.0	0.0	-9.71e-04	0.0	90.0	-1.19	-1.60	0.0	-2.63	0.0	0.0
3448	3	36.01	0.0	-1.97e-03	-3.20	0.0	-1.11	1.60	0.0	-2.45	0.0	0.0
		0.0	0.0	-8.94e-04	0.0	90.0	-1.11	-1.60	0.0	-2.45	0.0	0.0
3448	4	36.01	0.0	-1.95e-03	-3.20	0.0	-0.96	1.60	0.0	-2.10	0.0	0.0
		0.0	0.0	-7.51e-04	0.0	90.0	-0.96	-1.60	0.0	-2.10	0.0	0.0
3448	5	36.01	0.0	-1.95e-03	-3.20	0.0	-0.96	1.60	0.0	-2.10	0.0	0.0
		0.0	0.0	-7.51e-04	0.0	90.0	-0.96	-1.60	0.0	-2.10	0.0	0.0
3449	1	46.81	0.0	-0.01	-4.16	0.0	-1.53	2.08	0.0	-2.81	0.0	0.0
		0.0	0.0	-3.25e-04	0.0	90.0	-1.53	-2.08	0.0	-2.81	0.0	0.0
3449	2	36.01	0.0	-0.01	-3.20	0.0	-1.23	1.60	0.0	-2.28	0.0	0.0
		0.0	0.0	-2.54e-04	0.0	90.0	-1.23	-1.60	0.0	-2.28	0.0	0.0
3449	3	36.01	0.0	-0.01	-3.20	0.0	-1.15	1.60	0.0	-2.11	0.0	0.0
		0.0	0.0	-2.47e-04	0.0	90.0	-1.15	-1.60	0.0	-2.11	0.0	0.0
3449	4	36.01	0.0	-9.30e-03	-3.20	0.0	-0.99	1.60	0.0	-1.75	0.0	0.0
		0.0	0.0	-2.35e-04	0.0	90.0	-0.99	-1.60	0.0	-1.75	0.0	0.0
3449	5	36.01	0.0	-9.30e-03	-3.20	0.0	-0.99	1.60	0.0	-1.75	0.0	0.0
		0.0	0.0	-2.35e-04	0.0	90.0	-0.99	-1.60	0.0	-1.75	0.0	0.0
3450	1	46.81	0.0	-0.01	-4.16	0.0	-1.58	2.08	0.0	-24.88	0.0	0.0
		0.0	0.0	1.66e-03	0.0	90.0	-1.58	-2.08	0.0	-24.88	0.0	0.0
3450	2	36.01	0.0	-0.01	-3.20	0.0	-1.27	1.60	0.0	-19.99	0.0	0.0
		0.0	0.0	1.33e-03	0.0	90.0	-1.27	-1.60	0.0	-19.99	0.0	0.0
3450	3	36.01	0.0	-9.93e-03	-3.20	0.0	-1.19	1.60	0.0	-18.76	0.0	0.0
		0.0	0.0	1.26e-03	0.0	90.0	-1.19	-1.60	0.0	-18.76	0.0	0.0
3450	4	36.01	0.0	-8.37e-03	-3.20	0.0	-1.02	1.60	0.0	-16.28	0.0	0.0
		0.0	0.0	1.13e-03	0.0	90.0	-1.02	-1.60	0.0	-16.28	0.0	0.0
3450	5	36.01	0.0	-8.37e-03	-3.20	0.0	-1.02	1.60	0.0	-16.28	0.0	0.0
		0.0	0.0	1.13e-03	0.0	90.0	-1.02	-1.60	0.0	-16.28	0.0	0.0
3451	1	73.35	-15.51	-3.01e-03	-4.16	0.0	208.39	1.90	-0.16	-9.55	-15.51	34.25
		18.31	-29.92	-3.23e-03	0.0	90.0	208.39	-2.26	-0.16	-9.55	-29.92	18.31
3451	2	58.19	-12.50	-2.39e-03	-3.20	0.0	166.55	1.45	-0.13	-7.69	-12.50	28.56
		15.27	-24.13	-2.60e-03	0.0	90.0	166.55	-1.75	-0.13	-7.69	-24.13	15.27
3451	3	55.63	-11.69	-2.28e-03	-3.20	0.0	157.56	1.47	-0.12	-7.20	-11.69	25.35
		13.56	-22.52	-2.43e-03	0.0	90.0	157.56	-1.73	-0.12	-7.20	-22.52	13.56
3451	4	50.48	-10.03	-2.07e-03	-3.20	0.0	139.48	1.50	-0.10	-6.22	-10.03	18.90
		10.04	-19.30	-2.09e-03	0.0	90.0	139.48	-1.70	-0.10	-6.22	-19.30	10.04
3451	5	50.48	-10.03	-2.07e-03	-3.20	0.0	139.48	1.50	-0.10	-6.22	-10.03	18.90
		10.04	-19.30	-2.09e-03	0.0	90.0	139.48	-1.70	-0.10	-6.22	-19.30	10.04
3452	1	58.77	1.85	-0.02	-3.93	0.0	128.11	2.33	0.02	-5.71	0.0	0.0
		0.0	0.0	-4.11e-03	0.0	85.0	128.11	-1.60	0.02	-5.71	1.85	31.41
3452	2	46.41	1.51	-0.01	-3.02	0.0	103.56	1.82	0.02	-4.60	0.0	0.0
		0.0	0.0	-3.31e-03	0.0	85.0	103.56	-1.20	0.02	-4.60	1.51	26.08
3452	3	44.72	1.39	-0.01	-3.02	0.0	96.32	1.79	0.02	-4.30	0.0	0.0
		0.0	0.0	-3.09e-03	0.0	85.0	96.32	-1.24	0.02	-4.30	1.39	23.30
3452	4	41.49	1.14	-0.01	-3.02	0.0	81.81	1.72	0.01	-3.70	0.0	0.0
		0.0	0.0	-2.65e-03	0.0	85.0	81.81	-1.30	0.01	-3.70	1.14	17.56
3452	5	41.49	1.14	-0.01	-3.02	0.0	81.81	1.72	0.01	-3.70	0.0	0.0
		0.0	0.0	-2.65e-03	0.0	85.0	81.81	-1.30	0.01	-3.70	1.14	17.56
3453	1	78.24	20.71	-3.02e-03	-4.16	0.0	161.58	2.08	0.21	-5.71	1.85	31.35
		31.35	1.85	-2.80e-03	0.0	90.0	161.58	-2.08	0.21	-5.71	20.71	31.53
3453	2	62.11	16.70	-2.40e-03	-3.20	0.0	129.29	1.60	0.17	-4.60	1.51	26.02
		26.02	1.51	-2.26e-03	0.0	90.0	129.29	-1.60	0.17	-4.60	16.70	26.18
3453	3	59.33	15.59	-2.28e-03	-3.20	0.0	122.07	1.60	0.16	-4.30	1.39	23.25

		23.25	1.39	-2.11e-03	0.0	90.0	122.07	-1.60	0.16	-4.30	15.59	23.40
3453	4	53.72	13.38	-2.05e-03	-3.20	0.0	107.63	1.60	0.14	-3.70	1.14	17.52
		17.52	1.14	-1.82e-03	0.0	90.0	107.63	-1.60	0.14	-3.70	13.38	17.91
3453	5	53.72	13.38	-2.05e-03	-3.20	0.0	107.63	1.60	0.14	-3.70	1.14	17.52
		17.52	1.14	-1.82e-03	0.0	90.0	107.63	-1.60	0.14	-3.70	13.38	17.91
3454	1	59.49	20.71	0.02	-3.93	0.0	129.28	1.58	-0.24	-5.71	20.71	32.55
		0.0	0.0	1.67e-03	0.0	85.0	129.28	-2.35	-0.24	-5.71	0.0	0.0
3454	2	47.00	16.70	0.01	-3.02	0.0	104.46	1.19	-0.20	-4.60	16.70	27.02
		0.0	0.0	1.35e-03	0.0	85.0	104.46	-1.83	-0.20	-4.60	0.0	0.0
3454	3	45.21	15.59	0.01	-3.02	0.0	97.21	1.23	-0.18	-4.30	15.59	24.16
		0.0	0.0	1.25e-03	0.0	85.0	97.21	-1.80	-0.18	-4.30	0.0	0.0
3454	4	42.01	13.38	0.01	-3.02	0.0	82.76	1.29	-0.16	-3.70	13.38	18.49
		0.0	0.0	1.07e-03	0.0	85.0	82.76	-1.73	-0.16	-3.70	0.0	0.0
3454	5	42.01	13.38	0.01	-3.02	0.0	82.76	1.29	-0.16	-3.70	13.38	18.49
		0.0	0.0	1.07e-03	0.0	85.0	82.76	-1.73	-0.16	-3.70	0.0	0.0
3455	1	59.74	0.79	-0.02	-3.93	0.0	132.50	2.35	9.26e-03	-5.76	0.0	0.0
		0.0	0.0	-3.73e-03	0.0	85.0	132.50	-1.58	9.26e-03	-5.76	0.79	32.96
3455	2	47.17	0.64	-0.01	-3.02	0.0	107.10	1.83	7.50e-03	-4.64	0.0	0.0
		0.0	0.0	-3.01e-03	0.0	85.0	107.10	-1.19	7.50e-03	-4.64	0.64	27.30
3455	3	45.42	0.59	-0.01	-3.02	0.0	99.66	1.80	6.96e-03	-4.34	0.0	0.0
		0.0	0.0	-2.81e-03	0.0	85.0	99.66	-1.22	6.96e-03	-4.34	0.59	24.50
3455	4	42.18	0.49	-0.01	-3.02	0.0	84.75	1.73	5.80e-03	-3.74	0.0	0.0
		0.0	0.0	-2.41e-03	0.0	85.0	84.75	-1.29	5.80e-03	-3.74	0.49	18.78
3455	5	42.18	0.49	-0.01	-3.02	0.0	84.75	1.73	5.80e-03	-3.74	0.0	0.0
		0.0	0.0	-2.41e-03	0.0	85.0	84.75	-1.29	5.80e-03	-3.74	0.49	18.78
3456	1	78.94	17.14	-2.92e-03	-4.16	0.0	164.52	2.07	0.18	-5.76	0.79	32.51
		31.75	0.79	-2.83e-03	0.0	90.0	164.52	-2.09	0.18	-5.76	17.14	31.75
3456	2	62.67	13.80	-2.33e-03	-3.20	0.0	131.65	1.59	0.15	-4.64	0.64	26.93
		26.40	0.64	-2.28e-03	0.0	90.0	131.65	-1.61	0.15	-4.64	13.80	26.40
3456	3	59.86	12.90	-2.21e-03	-3.20	0.0	124.30	1.59	0.14	-4.34	0.59	24.18
		23.53	0.59	-2.13e-03	0.0	90.0	124.30	-1.61	0.14	-4.34	12.90	23.53
3456	4	54.15	11.10	-1.97e-03	-3.20	0.0	109.59	1.59	0.12	-3.74	0.49	18.55
		17.74	0.49	-1.83e-03	0.0	90.0	109.59	-1.61	0.12	-3.74	11.10	17.74
3456	5	54.15	11.10	-1.97e-03	-3.20	0.0	109.59	1.59	0.12	-3.74	0.49	18.55
		17.74	0.49	-1.83e-03	0.0	90.0	109.59	-1.61	0.12	-3.74	11.10	17.74
3457	1	59.50	17.14	0.02	-3.93	0.0	130.90	1.58	-0.20	-5.76	17.14	32.58
		0.0	0.0	8.60e-04	0.0	85.0	130.90	-2.35	-0.20	-5.76	0.0	0.0
3457	2	47.04	13.80	0.01	-3.02	0.0	105.77	1.19	-0.16	-4.64	13.80	27.10
		0.0	0.0	6.93e-04	0.0	85.0	105.77	-1.83	-0.16	-4.64	0.0	0.0
3457	3	45.20	12.90	0.01	-3.02	0.0	98.43	1.23	-0.15	-4.34	12.90	24.14
		0.0	0.0	6.45e-04	0.0	85.0	98.43	-1.80	-0.15	-4.34	0.0	0.0
3457	4	41.86	11.10	0.01	-3.02	0.0	83.75	1.30	-0.13	-3.74	11.10	18.22
		0.0	0.0	5.54e-04	0.0	85.0	83.75	-1.73	-0.13	-3.74	0.0	0.0
3457	5	41.86	11.10	0.01	-3.02	0.0	83.75	1.30	-0.13	-3.74	11.10	18.22
		0.0	0.0	5.54e-04	0.0	85.0	83.75	-1.73	-0.13	-3.74	0.0	0.0
3458	1	58.78	0.0	-0.02	-3.93	0.0	106.02	2.33	-9.67e-04	-5.84	0.0	0.0
		0.0	-0.08	-3.49e-03	0.0	85.0	106.02	-1.60	-9.67e-04	-5.84	-0.08	31.42
3458	2	46.31	0.0	-0.01	-3.02	0.0	85.48	1.82	-7.70e-04	-4.70	0.0	0.0
		0.0	-0.07	-2.81e-03	0.0	85.0	85.48	-1.21	-7.70e-04	-4.70	-0.07	25.93
3458	3	44.76	0.0	-0.01	-3.02	0.0	79.78	1.79	-7.28e-04	-4.40	0.0	0.0
		0.0	-0.06	-2.63e-03	0.0	85.0	79.78	-1.24	-7.28e-04	-4.40	-0.06	23.38
3458	4	41.79	0.0	-0.01	-3.02	0.0	68.42	1.72	-7.61e-04	-3.80	0.0	0.0
		0.0	-0.06	-2.26e-03	0.0	85.0	68.42	-1.30	-7.61e-04	-3.80	-0.06	18.09
3458	5	41.79	0.0	-0.01	-3.02	0.0	68.42	1.72	-7.61e-04	-3.80	0.0	0.0
		0.0	-0.06	-2.26e-03	0.0	85.0	68.42	-1.30	-7.61e-04	-3.80	-0.06	18.09
3459	1	77.98	15.33	-2.71e-03	-4.16	0.0	133.96	1.99	0.17	-5.84	-0.08	35.13
		27.22	-0.08	-2.86e-03	0.0	90.0	133.96	-2.17	0.17	-5.84	15.33	27.22
3459	2	61.84	12.36	-2.16e-03	-3.20	0.0	106.59	1.53	0.14	-4.70	-0.07	28.94
		22.74	-0.07	-2.31e-03	0.0	90.0	106.59	-1.67	0.14	-4.70	12.36	22.74
3459	3	59.15	11.53	-2.05e-03	-3.20	0.0	101.46	1.53	0.13	-4.40	-0.06	26.17
		20.13	-0.06	-2.16e-03	0.0	90.0	101.46	-1.67	0.13	-4.40	11.53	20.13
3459	4	53.67	9.90	-1.83e-03	-3.20	0.0	91.20	1.54	0.11	-3.80	-0.06	20.47
		14.86	-0.06	-1.86e-03	0.0	90.0	91.20	-1.66	0.11	-3.80	9.90	14.86
3459	5	53.67	9.90	-1.83e-03	-3.20	0.0	91.20	1.54	0.11	-3.80	-0.06	20.47
		14.86	-0.06	-1.86e-03	0.0	90.0	91.20	-1.66	0.11	-3.80	9.90	14.86
3460	1	61.71	15.33	0.02	-3.93	0.0	89.10	1.54	-0.18	-5.84	15.33	36.12
		0.0	0.0	4.17e-04	0.0	85.0	89.10	-2.39	-0.18	-5.84	0.0	0.0
3460	2	48.82	12.36	0.01	-3.02	0.0	71.92	1.16	-0.15	-4.70	12.36	29.94
		0.0	0.0	3.38e-04	0.0	85.0	71.92	-1.86	-0.15	-4.70	0.0	0.0
3460	3	46.86	11.53	0.01	-3.02	0.0	67.02	1.20	-0.14	-4.40	11.53	26.81
		0.0	0.0	3.10e-04	0.0	85.0	67.02	-1.83	-0.14	-4.40	0.0	0.0
3460	4	43.15	9.90	0.01	-3.02	0.0	57.23	1.27	-0.12	-3.80	9.90	20.52
		0.0	0.0	2.61e-04	0.0	85.0	57.23	-1.75	-0.12	-3.80	0.0	0.0
3460	5	43.15	9.90	0.01	-3.02	0.0	57.23	1.27	-0.12	-3.80	9.90	20.52
		0.0	0.0	2.61e-04	0.0	85.0	57.23	-1.75	-0.12	-3.80	0.0	0.0
3461	1	46.81	0.0	-0.01	-4.16	0.0	-1.55	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.80e-03	0.0	90.0	-1.55	-2.08	0.0	0.0	0.0	0.0

3461	2	36.01	0.0	-0.01	-3.20	0.0	-1.24	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.25e-03	0.0	90.0	-1.24	-1.60	0.0	0.0	0.0	0.0
3461	3	36.01	0.0	-0.01	-3.20	0.0	-1.17	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.11e-03	0.0	90.0	-1.17	-1.60	0.0	0.0	0.0	0.0
3461	4	36.01	0.0	-8.74e-03	-3.20	0.0	-1.02	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.84e-03	0.0	90.0	-1.02	-1.60	0.0	0.0	0.0	0.0
3461	5	36.01	0.0	-8.74e-03	-3.20	0.0	-1.02	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.84e-03	0.0	90.0	-1.02	-1.60	0.0	0.0	0.0	0.0
3462	1	46.81	0.0	-0.01	-4.16	0.0	-12.68	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.55e-03	0.0	90.0	-12.68	-2.08	0.0	0.0	0.0	0.0
3462	2	36.01	0.0	-0.01	-3.20	0.0	-10.27	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.05e-03	0.0	90.0	-10.27	-1.60	0.0	0.0	0.0	0.0
3462	3	36.01	0.0	-0.01	-3.20	0.0	-9.52	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.92e-03	0.0	90.0	-9.52	-1.60	0.0	0.0	0.0	0.0
3462	4	36.01	0.0	-8.78e-03	-3.20	0.0	-8.19	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.65e-03	0.0	90.0	-8.19	-1.60	0.0	0.0	0.0	0.0
3462	5	36.01	0.0	-8.78e-03	-3.20	0.0	-8.19	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.65e-03	0.0	90.0	-8.19	-1.60	0.0	0.0	0.0	0.0
3463	1	46.81	0.0	-1.67e-03	-4.16	0.0	-13.08	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.42e-03	0.0	90.0	-13.08	-2.08	0.0	0.0	0.0	0.0
3463	2	36.01	0.0	-1.33e-03	-3.20	0.0	-10.47	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.14e-03	0.0	90.0	-10.47	-1.60	0.0	0.0	0.0	0.0
3463	3	36.01	0.0	-1.27e-03	-3.20	0.0	-9.84	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.07e-03	0.0	90.0	-9.84	-1.60	0.0	0.0	0.0	0.0
3463	4	36.01	0.0	-1.14e-03	-3.20	0.0	-8.71	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.10e-04	0.0	90.0	-8.71	-1.60	0.0	0.0	0.0	0.0
3463	5	36.01	0.0	-1.14e-03	-3.20	0.0	-8.71	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.10e-04	0.0	90.0	-8.71	-1.60	0.0	0.0	0.0	0.0
3464	1	46.81	0.0	-2.12e-03	-4.16	0.0	10.57	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.28e-03	0.0	90.0	10.57	-2.08	0.0	0.0	0.0	0.0
3464	2	36.01	0.0	-1.66e-03	-3.20	0.0	8.15	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.02e-03	0.0	90.0	8.15	-1.60	0.0	0.0	0.0	0.0
3464	3	36.01	0.0	-1.62e-03	-3.20	0.0	8.16	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.63e-04	0.0	90.0	8.16	-1.60	0.0	0.0	0.0	0.0
3464	4	36.01	0.0	-1.54e-03	-3.20	0.0	8.20	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.48e-04	0.0	90.0	8.20	-1.60	0.0	0.0	0.0	0.0
3464	5	36.01	0.0	-1.54e-03	-3.20	0.0	8.20	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.48e-04	0.0	90.0	8.20	-1.60	0.0	0.0	0.0	0.0
3465	1	46.81	0.0	-1.83e-03	-4.16	0.0	13.11	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.59e-03	0.0	90.0	13.11	-2.08	0.0	0.0	0.0	0.0
3465	2	36.01	0.0	-1.40e-03	-3.20	0.0	10.19	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.27e-03	0.0	90.0	10.19	-1.60	0.0	0.0	0.0	0.0
3465	3	36.01	0.0	-1.42e-03	-3.20	0.0	10.04	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.19e-03	0.0	90.0	10.04	-1.60	0.0	0.0	0.0	0.0
3465	4	36.01	0.0	-1.45e-03	-3.20	0.0	9.82	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.04e-03	0.0	90.0	9.82	-1.60	0.0	0.0	0.0	0.0
3465	5	36.01	0.0	-1.45e-03	-3.20	0.0	9.82	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.04e-03	0.0	90.0	9.82	-1.60	0.0	0.0	0.0	0.0
3466	1	46.81	0.0	-0.01	-4.16	0.0	-0.38	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.98e-03	0.0	90.0	-0.38	-2.08	0.0	0.0	0.0	0.0
3466	2	36.01	0.0	-8.09e-03	-3.20	0.0	-0.22	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.59e-03	0.0	90.0	-0.22	-1.60	0.0	0.0	0.0	0.0
3466	3	36.01	0.0	-7.57e-03	-3.20	0.0	-0.34	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.49e-03	0.0	90.0	-0.34	-1.60	0.0	0.0	0.0	0.0
3466	4	36.01	0.0	-6.54e-03	-3.20	0.0	-0.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.29e-03	0.0	90.0	-0.43	-1.60	0.0	0.0	0.0	0.0
3466	5	36.01	0.0	-6.54e-03	-3.20	0.0	-0.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.29e-03	0.0	90.0	-0.43	-1.60	0.0	0.0	0.0	0.0
3467	1	46.81	0.0	8.15e-03	-4.16	0.0	0.89	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.70e-03	0.0	90.0	0.89	-2.08	0.0	0.0	0.0	0.0
3467	2	36.01	0.0	6.53e-03	-3.20	0.0	0.98	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.38e-03	0.0	90.0	0.98	-1.60	0.0	0.0	0.0	0.0
3467	3	36.01	0.0	6.17e-03	-3.20	0.0	0.56	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.28e-03	0.0	90.0	0.56	-1.60	0.0	0.0	0.0	0.0
3467	4	36.01	0.0	5.43e-03	-3.20	0.0	-0.27	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.07e-03	0.0	90.0	-0.27	-1.60	0.0	0.0	0.0	0.0
3467	5	36.01	0.0	5.43e-03	-3.20	0.0	-0.27	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.07e-03	0.0	90.0	-0.27	-1.60	0.0	0.0	0.0	0.0
3468	1	46.81	0.0	1.86e-03	-4.16	0.0	64.51	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.74e-03	0.0	90.0	64.51	-2.08	0.0	0.0	0.0	0.0
3468	2	36.01	0.0	1.50e-03	-3.20	0.0	51.61	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.40e-03	0.0	90.0	51.61	-1.60	0.0	0.0	0.0	0.0
3468	3	36.01	0.0	1.40e-03	-3.20	0.0	48.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.31e-03	0.0	90.0	48.77	-1.60	0.0	0.0	0.0	0.0
3468	4	36.01	0.0	1.23e-03	-3.20	0.0	43.13	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.14e-03	0.0	90.0	43.13	-1.60	0.0	0.0	0.0	0.0
3468	5	36.01	0.0	1.23e-03	-3.20	0.0	43.13	1.60	0.0	0.0	0.0	0.0





		0.0	0.0	-1.14e-03	0.0	90.0	43.13	-1.60	0.0	0.0	0.0	0.0
3469	1	46.81	0.0	-1.37e-03	-4.16	0.0	74.35	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.19e-03	0.0	90.0	74.35	-2.08	0.0	0.0	0.0	0.0
3469	2	36.01	0.0	-1.03e-03	-3.20	0.0	59.49	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.76e-03	0.0	90.0	59.49	-1.60	0.0	0.0	0.0	0.0
3469	3	36.01	0.0	-1.07e-03	-3.20	0.0	56.09	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.65e-03	0.0	90.0	56.09	-1.60	0.0	0.0	0.0	0.0
3469	4	36.01	0.0	-1.16e-03	-3.20	0.0	49.46	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.43e-03	0.0	90.0	49.46	-1.60	0.0	0.0	0.0	0.0
3469	5	36.01	0.0	-1.16e-03	-3.20	0.0	49.46	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.43e-03	0.0	90.0	49.46	-1.60	0.0	0.0	0.0	0.0
3470	1	46.81	0.0	-0.01	-4.16	0.0	108.07	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.61e-03	0.0	90.0	108.07	-2.08	0.0	0.0	0.0	0.0
3470	2	36.01	0.0	-8.40e-03	-3.20	0.0	87.10	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.10e-03	0.0	90.0	87.10	-1.60	0.0	0.0	0.0	0.0
3470	3	36.01	0.0	-7.84e-03	-3.20	0.0	81.37	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.96e-03	0.0	90.0	81.37	-1.60	0.0	0.0	0.0	0.0
3470	4	36.01	0.0	-6.75e-03	-3.20	0.0	69.99	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.69e-03	0.0	90.0	69.99	-1.60	0.0	0.0	0.0	0.0
3470	5	36.01	0.0	-6.75e-03	-3.20	0.0	69.99	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.69e-03	0.0	90.0	69.99	-1.60	0.0	0.0	0.0	0.0
3471	1	46.81	0.0	4.87e-03	-4.16	0.0	106.76	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-3.35e-03	0.0	90.0	106.76	-2.08	0.0	0.0	0.0	0.0
3471	2	36.01	0.0	3.88e-03	-3.20	0.0	86.09	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.71e-03	0.0	90.0	86.09	-1.60	0.0	0.0	0.0	0.0
3471	3	36.01	0.0	3.69e-03	-3.20	0.0	80.37	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.52e-03	0.0	90.0	80.37	-1.60	0.0	0.0	0.0	0.0
3471	4	36.01	0.0	3.31e-03	-3.20	0.0	69.01	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.14e-03	0.0	90.0	69.01	-1.60	0.0	0.0	0.0	0.0
3471	5	36.01	0.0	3.31e-03	-3.20	0.0	69.01	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.14e-03	0.0	90.0	69.01	-1.60	0.0	0.0	0.0	0.0
3472	1	46.81	0.0	2.05e-03	-4.16	0.0	159.58	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.03e-03	0.0	90.0	159.58	-2.08	0.0	0.0	0.0	0.0
3472	2	36.01	0.0	1.65e-03	-3.20	0.0	128.09	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.63e-03	0.0	90.0	128.09	-1.60	0.0	0.0	0.0	0.0
3472	3	36.01	0.0	1.54e-03	-3.20	0.0	120.31	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.53e-03	0.0	90.0	120.31	-1.60	0.0	0.0	0.0	0.0
3472	4	36.01	0.0	1.35e-03	-3.20	0.0	105.00	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.33e-03	0.0	90.0	105.00	-1.60	0.0	0.0	0.0	0.0
3472	5	36.01	0.0	1.35e-03	-3.20	0.0	105.00	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.33e-03	0.0	90.0	105.00	-1.60	0.0	0.0	0.0	0.0
3473	1	46.81	0.0	1.20e-03	-4.16	0.0	189.90	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.36e-03	0.0	90.0	189.90	-2.08	0.0	0.0	0.0	0.0
3473	2	36.01	0.0	9.87e-04	-3.20	0.0	152.49	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.10e-03	0.0	90.0	152.49	-1.60	0.0	0.0	0.0	0.0
3473	3	36.01	0.0	8.94e-04	-3.20	0.0	143.23	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.02e-03	0.0	90.0	143.23	-1.60	0.0	0.0	0.0	0.0
3473	4	36.01	0.0	-9.06e-04	-3.20	0.0	124.70	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.63e-04	0.0	90.0	124.70	-1.60	0.0	0.0	0.0	0.0
3473	5	36.01	0.0	-9.06e-04	-3.20	0.0	124.70	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.63e-04	0.0	90.0	124.70	-1.60	0.0	0.0	0.0	0.0
3474	1	46.81	0.0	-2.29e-03	-4.16	0.0	216.35	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-6.33e-04	0.0	90.0	216.35	-2.08	0.0	0.0	0.0	0.0
3474	2	36.01	0.0	-1.74e-03	-3.20	0.0	173.59	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.99e-04	0.0	90.0	173.59	-1.60	0.0	0.0	0.0	0.0
3474	3	36.01	0.0	-1.77e-03	-3.20	0.0	163.24	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.81e-04	0.0	90.0	163.24	-1.60	0.0	0.0	0.0	0.0
3474	4	36.01	0.0	-1.83e-03	-3.20	0.0	142.51	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.48e-04	0.0	90.0	142.51	-1.60	0.0	0.0	0.0	0.0
3474	5	36.01	0.0	-1.83e-03	-3.20	0.0	142.51	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.48e-04	0.0	90.0	142.51	-1.60	0.0	0.0	0.0	0.0
3475	1	46.81	0.0	-0.02	-4.16	0.0	232.61	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-3.58e-03	0.0	90.0	232.61	-2.08	0.0	0.0	0.0	0.0
3475	2	36.01	0.0	-0.02	-3.20	0.0	187.38	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.89e-03	0.0	90.0	187.38	-1.60	0.0	0.0	0.0	0.0
3475	3	36.01	0.0	-0.02	-3.20	0.0	175.19	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.69e-03	0.0	90.0	175.19	-1.60	0.0	0.0	0.0	0.0
3475	4	36.01	0.0	-0.01	-3.20	0.0	150.78	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.29e-03	0.0	90.0	150.78	-1.60	0.0	0.0	0.0	0.0
3475	5	36.01	0.0	-0.01	-3.20	0.0	150.78	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.29e-03	0.0	90.0	150.78	-1.60	0.0	0.0	0.0	0.0
3476	1	46.81	0.0	-0.01	-4.16	0.0	313.49	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	2.93e-03	0.0	90.0	313.49	-2.08	0.0	0.0	0.0	0.0
3476	2	36.01	0.0	-0.01	-3.20	0.0	252.51	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	2.34e-03	0.0	90.0	252.51	-1.60	0.0	0.0	0.0	0.0
3476	3	36.01	0.0	-0.01	-3.20	0.0	236.09	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	2.21e-03	0.0	90.0	236.09	-1.60	0.0	0.0	0.0	0.0

3476	4	36.01	0.0	-8.98e-03	-3.20	0.0	203.25	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	1.95e-03	0.0	90.0	203.25	-1.60	0.0	0.0	0.0	0.0
3476	5	36.01	0.0	-8.98e-03	-3.20	0.0	203.25	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	1.95e-03	0.0	90.0	203.25	-1.60	0.0	0.0	0.0	0.0
3477	1	114.06	0.0	-0.12	-4.16	0.0	-1024.16	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-0.05	0.0	219.3	-1014.91	-2.08	0.0	0.0	0.0	0.0
3477	2	87.74	0.0	-0.10	-3.20	0.0	-824.22	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.04	0.0	219.3	-817.11	-1.60	0.0	0.0	0.0	0.0
3477	3	87.74	0.0	-0.09	-3.20	0.0	-771.63	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.04	0.0	219.3	-764.52	-1.60	0.0	0.0	0.0	0.0
3477	4	87.74	0.0	-0.08	-3.20	0.0	-666.46	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.03	0.0	219.3	-659.35	-1.60	0.0	0.0	0.0	0.0
3477	5	87.74	0.0	-0.08	-3.20	0.0	-666.46	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.03	0.0	219.3	-659.35	-1.60	0.0	0.0	0.0	0.0
3478	1	104.66	0.0	-0.08	-4.16	0.0	-709.94	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-0.03	0.0	201.2	-701.62	-2.08	0.0	0.0	0.0	0.0
3478	2	80.51	0.0	-0.07	-3.20	0.0	-571.68	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	201.2	-565.27	-1.60	0.0	0.0	0.0	0.0
3478	3	80.51	0.0	-0.06	-3.20	0.0	-534.72	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	201.2	-528.32	-1.60	0.0	0.0	0.0	0.0
3478	4	80.51	0.0	-0.05	-3.20	0.0	-460.83	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	201.2	-454.43	-1.60	0.0	0.0	0.0	0.0
3478	5	80.51	0.0	-0.05	-3.20	0.0	-460.83	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	201.2	-454.43	-1.60	0.0	0.0	0.0	0.0
3479	1	46.81	0.0	0.02	-4.16	0.0	2.00	2.08	0.0	-1.50	0.0	0.0
		0.0	0.0	-1.98e-03	0.0	90.0	2.00	-2.08	0.0	-1.50	0.0	0.0
3479	2	36.01	0.0	0.01	-3.20	0.0	1.63	1.60	0.0	-1.23	0.0	0.0
		0.0	0.0	-1.59e-03	0.0	90.0	1.63	-1.60	0.0	-1.23	0.0	0.0
3479	3	36.01	0.0	0.01	-3.20	0.0	1.49	1.60	0.0	-1.09	0.0	0.0
		0.0	0.0	-1.50e-03	0.0	90.0	1.49	-1.60	0.0	-1.09	0.0	0.0
3479	4	36.01	0.0	9.76e-03	-3.20	0.0	1.25	1.60	0.0	-0.89	0.0	0.0
		0.0	0.0	-1.31e-03	0.0	90.0	1.25	-1.60	0.0	-0.89	0.0	0.0
3479	5	36.01	0.0	9.76e-03	-3.20	0.0	1.25	1.60	0.0	-0.89	0.0	0.0
		0.0	0.0	-1.31e-03	0.0	90.0	1.25	-1.60	0.0	-0.89	0.0	0.0
3480	1	46.81	0.0	0.01	-4.16	0.0	1.54	2.08	0.0	7.29	0.0	0.0
		0.0	0.0	-4.58e-03	0.0	90.0	1.54	-2.08	0.0	7.29	0.0	0.0
3480	2	36.01	0.0	0.01	-3.20	0.0	1.26	1.60	0.0	5.88	0.0	0.0
		0.0	0.0	-3.69e-03	0.0	90.0	1.26	-1.60	0.0	5.88	0.0	0.0
3480	3	36.01	0.0	0.01	-3.20	0.0	1.18	1.60	0.0	5.50	0.0	0.0
		0.0	0.0	-3.46e-03	0.0	90.0	1.18	-1.60	0.0	5.50	0.0	0.0
3480	4	36.01	0.0	8.62e-03	-3.20	0.0	0.99	1.60	0.0	4.70	0.0	0.0
		0.0	0.0	-2.97e-03	0.0	90.0	0.99	-1.60	0.0	4.70	0.0	0.0
3480	5	36.01	0.0	8.62e-03	-3.20	0.0	0.99	1.60	0.0	4.70	0.0	0.0
		0.0	0.0	-2.97e-03	0.0	90.0	0.99	-1.60	0.0	4.70	0.0	0.0
3481	1	46.81	0.0	-0.01	-4.16	0.0	-2.48	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.61e-03	0.0	90.0	-2.48	-2.08	0.0	0.0	0.0	0.0
3481	2	36.01	0.0	-9.86e-03	-3.20	0.0	-1.98	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.09e-03	0.0	90.0	-1.98	-1.60	0.0	0.0	0.0	0.0
3481	3	36.01	0.0	-9.19e-03	-3.20	0.0	-1.87	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.97e-03	0.0	90.0	-1.87	-1.60	0.0	0.0	0.0	0.0
3481	4	36.01	0.0	-7.87e-03	-3.20	0.0	-1.64	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.72e-03	0.0	90.0	-1.64	-1.60	0.0	0.0	0.0	0.0
3481	5	36.01	0.0	-7.87e-03	-3.20	0.0	-1.64	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.72e-03	0.0	90.0	-1.64	-1.60	0.0	0.0	0.0	0.0
3482	1	46.81	0.0	-7.94e-03	-4.16	0.0	-5.00	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-3.31e-03	0.0	90.0	-5.00	-2.08	0.0	0.0	0.0	0.0
3482	2	36.01	0.0	-6.42e-03	-3.20	0.0	-4.03	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.66e-03	0.0	90.0	-4.03	-1.60	0.0	0.0	0.0	0.0
3482	3	36.01	0.0	-5.97e-03	-3.20	0.0	-3.78	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.49e-03	0.0	90.0	-3.78	-1.60	0.0	0.0	0.0	0.0
3482	4	36.01	0.0	-5.06e-03	-3.20	0.0	-3.25	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.14e-03	0.0	90.0	-3.25	-1.60	0.0	0.0	0.0	0.0
3482	5	36.01	0.0	-5.06e-03	-3.20	0.0	-3.25	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.14e-03	0.0	90.0	-3.25	-1.60	0.0	0.0	0.0	0.0
3483	1	46.81	0.0	-1.76e-03	-4.16	0.0	-6.46	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.34e-03	0.0	90.0	-6.46	-2.08	0.0	0.0	0.0	0.0
3483	2	36.01	0.0	-1.38e-03	-3.20	0.0	-5.21	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.09e-03	0.0	90.0	-5.21	-1.60	0.0	0.0	0.0	0.0
3483	3	36.01	0.0	-1.34e-03	-3.20	0.0	-4.88	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.01e-03	0.0	90.0	-4.88	-1.60	0.0	0.0	0.0	0.0
3483	4	36.01	0.0	-1.28e-03	-3.20	0.0	-4.21	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.47e-04	0.0	90.0	-4.21	-1.60	0.0	0.0	0.0	0.0
3483	5	36.01	0.0	-1.28e-03	-3.20	0.0	-4.21	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.47e-04	0.0	90.0	-4.21	-1.60	0.0	0.0	0.0	0.0
3484	1	46.81	0.0	-2.15e-03	-4.16	0.0	4.74	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.23e-03	0.0	90.0	4.74	-2.08	0.0	0.0	0.0	0.0
3484	2	36.01	0.0	-1.68e-03	-3.20	0.0	3.79	1.60	0.0	0.0	0.0	0.0

		0.0	0.0	-9.88e-04	0.0	90.0	3.79	-1.60	0.0	0.0	0.0	0.0
3484	3	36.01	0.0	-1.64e-03	-3.20	0.0	3.58	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.31e-04	0.0	90.0	3.58	-1.60	0.0	0.0	0.0	0.0
3484	4	36.01	0.0	-1.57e-03	-3.20	0.0	3.17	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.19e-04	0.0	90.0	3.17	-1.60	0.0	0.0	0.0	0.0
3484	5	36.01	0.0	-1.57e-03	-3.20	0.0	3.17	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.19e-04	0.0	90.0	3.17	-1.60	0.0	0.0	0.0	0.0
3485	1	46.81	0.0	-2.33e-03	-4.16	0.0	11.54	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.26e-03	0.0	90.0	11.54	-2.08	0.0	0.0	0.0	0.0
3485	2	36.01	0.0	-1.81e-03	-3.20	0.0	9.25	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.01e-03	0.0	90.0	9.25	-1.60	0.0	0.0	0.0	0.0
3485	3	36.01	0.0	-1.79e-03	-3.20	0.0	8.71	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.53e-04	0.0	90.0	8.71	-1.60	0.0	0.0	0.0	0.0
3485	4	36.01	0.0	-1.73e-03	-3.20	0.0	7.65	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.36e-04	0.0	90.0	7.65	-1.60	0.0	0.0	0.0	0.0
3485	5	36.01	0.0	-1.73e-03	-3.20	0.0	7.65	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.36e-04	0.0	90.0	7.65	-1.60	0.0	0.0	0.0	0.0
3486	1	46.81	0.0	1.65e-03	-4.16	0.0	18.90	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.08e-03	0.0	90.0	18.90	-2.08	0.0	0.0	0.0	0.0
3486	2	36.01	0.0	1.33e-03	-3.20	0.0	15.21	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.67e-04	0.0	90.0	15.21	-1.60	0.0	0.0	0.0	0.0
3486	3	36.01	0.0	1.24e-03	-3.20	0.0	14.25	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.13e-04	0.0	90.0	14.25	-1.60	0.0	0.0	0.0	0.0
3486	4	36.01	0.0	1.06e-03	-3.20	0.0	12.33	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.06e-04	0.0	90.0	12.33	-1.60	0.0	0.0	0.0	0.0
3486	5	36.01	0.0	1.06e-03	-3.20	0.0	12.33	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.06e-04	0.0	90.0	12.33	-1.60	0.0	0.0	0.0	0.0
3487	1	46.81	0.0	-1.80e-03	-4.16	0.0	44.30	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-3.04e-03	0.0	90.0	44.30	-2.08	0.0	0.0	0.0	0.0
3487	2	36.01	0.0	-1.40e-03	-3.20	0.0	35.75	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.46e-03	0.0	90.0	35.75	-1.60	0.0	0.0	0.0	0.0
3487	3	36.01	0.0	-1.38e-03	-3.20	0.0	33.33	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.28e-03	0.0	90.0	33.33	-1.60	0.0	0.0	0.0	0.0
3487	4	36.01	0.0	-1.34e-03	-3.20	0.0	28.57	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.94e-03	0.0	90.0	28.57	-1.60	0.0	0.0	0.0	0.0
3487	5	36.01	0.0	-1.34e-03	-3.20	0.0	28.57	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.94e-03	0.0	90.0	28.57	-1.60	0.0	0.0	0.0	0.0
3488	1	46.81	0.0	-1.34e-03	-4.16	0.0	50.84	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.75e-03	0.0	90.0	50.84	-2.08	0.0	0.0	0.0	0.0
3488	2	36.01	0.0	-1.02e-03	-3.20	0.0	40.84	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.40e-03	0.0	90.0	40.84	-1.60	0.0	0.0	0.0	0.0
3488	3	36.01	0.0	-1.04e-03	-3.20	0.0	38.33	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.31e-03	0.0	90.0	38.33	-1.60	0.0	0.0	0.0	0.0
3488	4	36.01	0.0	-1.06e-03	-3.20	0.0	33.34	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.14e-03	0.0	90.0	33.34	-1.60	0.0	0.0	0.0	0.0
3488	5	36.01	0.0	-1.06e-03	-3.20	0.0	33.34	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.14e-03	0.0	90.0	33.34	-1.60	0.0	0.0	0.0	0.0
3489	1	46.81	0.0	-1.88e-03	-4.16	0.0	64.22	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.76e-03	0.0	90.0	64.22	-2.08	0.0	0.0	0.0	0.0
3489	2	36.01	0.0	-1.45e-03	-3.20	0.0	51.60	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.42e-03	0.0	90.0	51.60	-1.60	0.0	0.0	0.0	0.0
3489	3	36.01	0.0	-1.45e-03	-3.20	0.0	48.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.33e-03	0.0	90.0	48.43	-1.60	0.0	0.0	0.0	0.0
3489	4	36.01	0.0	-1.44e-03	-3.20	0.0	42.08	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.15e-03	0.0	90.0	42.08	-1.60	0.0	0.0	0.0	0.0
3489	5	36.01	0.0	-1.44e-03	-3.20	0.0	42.08	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.15e-03	0.0	90.0	42.08	-1.60	0.0	0.0	0.0	0.0
3490	1	46.81	0.0	-2.67e-03	-4.16	0.0	76.75	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-3.24e-03	0.0	90.0	76.75	-2.08	0.0	0.0	0.0	0.0
3490	2	36.01	0.0	-2.10e-03	-3.20	0.0	61.72	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.61e-03	0.0	90.0	61.72	-1.60	0.0	0.0	0.0	0.0
3490	3	36.01	0.0	-2.03e-03	-3.20	0.0	57.87	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.44e-03	0.0	90.0	57.87	-1.60	0.0	0.0	0.0	0.0
3490	4	36.01	0.0	-1.91e-03	-3.20	0.0	50.15	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.10e-03	0.0	90.0	50.15	-1.60	0.0	0.0	0.0	0.0
3490	5	36.01	0.0	-1.91e-03	-3.20	0.0	50.15	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.10e-03	0.0	90.0	50.15	-1.60	0.0	0.0	0.0	0.0
3491	1	46.81	0.0	4.66e-03	-4.16	0.0	76.76	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.35e-03	0.0	90.0	76.76	-2.08	0.0	0.0	0.0	0.0
3491	2	36.01	0.0	3.73e-03	-3.20	0.0	61.78	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.91e-03	0.0	90.0	61.78	-1.60	0.0	0.0	0.0	0.0
3491	3	36.01	0.0	3.52e-03	-3.20	0.0	57.86	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.77e-03	0.0	90.0	57.86	-1.60	0.0	0.0	0.0	0.0
3491	4	36.01	0.0	3.08e-03	-3.20	0.0	50.00	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.48e-03	0.0	90.0	50.00	-1.60	0.0	0.0	0.0	0.0
3491	5	36.01	0.0	3.08e-03	-3.20	0.0	50.00	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.48e-03	0.0	90.0	50.00	-1.60	0.0	0.0	0.0	0.0



3492	1	46.81	0.0	-1.83e-03	-4.16	0.0	82.85	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.34e-03	0.0	90.0	82.85	-2.08	0.0	0.0	0.0	0.0
3492	2	36.01	0.0	-1.42e-03	-3.20	0.0	66.68	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.89e-03	0.0	90.0	66.68	-1.60	0.0	0.0	0.0	0.0
3492	3	36.01	0.0	-1.40e-03	-3.20	0.0	62.46	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.77e-03	0.0	90.0	62.46	-1.60	0.0	0.0	0.0	0.0
3492	4	36.01	0.0	-1.38e-03	-3.20	0.0	54.09	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.53e-03	0.0	90.0	54.09	-1.60	0.0	0.0	0.0	0.0
3492	5	36.01	0.0	-1.38e-03	-3.20	0.0	54.09	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.53e-03	0.0	90.0	54.09	-1.60	0.0	0.0	0.0	0.0
3493	1	46.81	0.0	-2.76e-03	-4.16	0.0	89.53	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.71e-03	0.0	90.0	89.53	-2.08	0.0	0.0	0.0	0.0
3493	2	36.01	0.0	-2.16e-03	-3.20	0.0	72.02	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.38e-03	0.0	90.0	72.02	-1.60	0.0	0.0	0.0	0.0
3493	3	36.01	0.0	-2.11e-03	-3.20	0.0	67.50	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.28e-03	0.0	90.0	67.50	-1.60	0.0	0.0	0.0	0.0
3493	4	36.01	0.0	-2.00e-03	-3.20	0.0	58.49	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.10e-03	0.0	90.0	58.49	-1.60	0.0	0.0	0.0	0.0
3493	5	36.01	0.0	-2.00e-03	-3.20	0.0	58.49	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.10e-03	0.0	90.0	58.49	-1.60	0.0	0.0	0.0	0.0
3494	1	46.81	0.0	-3.56e-03	-4.16	0.0	93.35	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.28e-03	0.0	90.0	93.35	-2.08	0.0	0.0	0.0	0.0
3494	2	36.01	0.0	-2.79e-03	-3.20	0.0	75.08	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.01e-03	0.0	90.0	75.08	-1.60	0.0	0.0	0.0	0.0
3494	3	36.01	0.0	-2.71e-03	-3.20	0.0	70.37	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.68e-04	0.0	90.0	70.37	-1.60	0.0	0.0	0.0	0.0
3494	4	36.01	0.0	-2.56e-03	-3.20	0.0	60.97	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.83e-04	0.0	90.0	60.97	-1.60	0.0	0.0	0.0	0.0
3494	5	36.01	0.0	-2.56e-03	-3.20	0.0	60.97	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.83e-04	0.0	90.0	60.97	-1.60	0.0	0.0	0.0	0.0
3495	1	46.81	0.0	-0.01	-4.16	0.0	10.84	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-4.04e-03	0.0	90.0	10.84	-2.08	0.0	0.0	0.0	0.0
3495	2	36.01	0.0	-9.97e-03	-3.20	0.0	8.76	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.26e-03	0.0	90.0	8.76	-1.60	0.0	0.0	0.0	0.0
3495	3	36.01	0.0	-9.38e-03	-3.20	0.0	8.14	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.04e-03	0.0	90.0	8.14	-1.60	0.0	0.0	0.0	0.0
3495	4	36.01	0.0	-8.20e-03	-3.20	0.0	6.93	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.59e-03	0.0	90.0	6.93	-1.60	0.0	0.0	0.0	0.0
3495	5	36.01	0.0	-8.20e-03	-3.20	0.0	6.93	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.59e-03	0.0	90.0	6.93	-1.60	0.0	0.0	0.0	0.0
3496	1	46.81	0.0	-0.07	-4.16	0.0	-47.49	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	5.15e-03	0.0	90.0	-47.49	-2.08	0.0	0.0	0.0	0.0
3496	2	36.01	0.0	-0.06	-3.20	0.0	-38.13	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	4.13e-03	0.0	90.0	-38.13	-1.60	0.0	0.0	0.0	0.0
3496	3	36.01	0.0	-0.05	-3.20	0.0	-35.83	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	3.88e-03	0.0	90.0	-35.83	-1.60	0.0	0.0	0.0	0.0
3496	4	36.01	0.0	-0.05	-3.20	0.0	-31.20	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	3.39e-03	0.0	90.0	-31.20	-1.60	0.0	0.0	0.0	0.0
3496	5	36.01	0.0	-0.05	-3.20	0.0	-31.20	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	3.39e-03	0.0	90.0	-31.20	-1.60	0.0	0.0	0.0	0.0
3497	1	114.06	0.0	-0.27	-4.16	0.0	-387.52	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-0.05	0.0	219.3	-378.27	-2.08	0.0	0.0	0.0	0.0
3497	2	87.74	0.0	-0.22	-3.20	0.0	-311.80	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.04	0.0	219.3	-304.69	-1.60	0.0	0.0	0.0	0.0
3497	3	87.74	0.0	-0.20	-3.20	0.0	-292.01	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.04	0.0	219.3	-284.90	-1.60	0.0	0.0	0.0	0.0
3497	4	87.74	0.0	-0.17	-3.20	0.0	-252.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.04	0.0	219.3	-245.31	-1.60	0.0	0.0	0.0	0.0
3497	5	87.74	0.0	-0.17	-3.20	0.0	-252.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.04	0.0	219.3	-245.31	-1.60	0.0	0.0	0.0	0.0
3498	1	104.66	0.0	-0.23	-4.16	0.0	25.26	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-0.03	0.0	201.2	33.58	-2.08	0.0	0.0	0.0	0.0
3498	2	80.51	0.0	-0.19	-3.20	0.0	20.37	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	201.2	26.77	-1.60	0.0	0.0	0.0	0.0
3498	3	80.51	0.0	-0.18	-3.20	0.0	19.01	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	201.2	25.41	-1.60	0.0	0.0	0.0	0.0
3498	4	80.51	0.0	-0.15	-3.20	0.0	16.30	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	201.2	22.70	-1.60	0.0	0.0	0.0	0.0
3498	5	80.51	0.0	-0.15	-3.20	0.0	16.30	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	201.2	22.70	-1.60	0.0	0.0	0.0	0.0
3502	1	46.81	0.0	-4.44e-03	-4.16	0.0	-6.05	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	-6.05	-2.08	0.0	0.0	0.0	0.0
3502	2	36.01	0.0	-3.53e-03	-3.20	0.0	-4.87	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	-4.87	-1.60	0.0	0.0	0.0	0.0
3502	3	36.01	0.0	-3.36e-03	-3.20	0.0	-4.56	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.77e-03	0.0	90.0	-4.56	-1.60	0.0	0.0	0.0	0.0
3502	4	36.01	0.0	-3.03e-03	-3.20	0.0	-3.93	1.60	0.0	0.0	0.0	0.0

		0.0	0.0	-8.48e-03	0.0	90.0	-3.93	-1.60	0.0	0.0	0.0	0.0
3502	5	36.01	0.0	-3.03e-03	-3.20	0.0	-3.93	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.48e-03	0.0	90.0	-3.93	-1.60	0.0	0.0	0.0	0.0
3503	1	46.81	0.0	-2.54e-03	-4.16	0.0	-1.16	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.98e-03	0.0	90.0	-1.16	-2.08	0.0	0.0	0.0	0.0
3503	2	36.01	0.0	-2.00e-03	-3.20	0.0	-0.93	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.60e-03	0.0	90.0	-0.93	-1.60	0.0	0.0	0.0	0.0
3503	3	36.01	0.0	-1.93e-03	-3.20	0.0	-0.87	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.50e-03	0.0	90.0	-0.87	-1.60	0.0	0.0	0.0	0.0
3503	4	36.01	0.0	-1.81e-03	-3.20	0.0	-0.78	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.29e-03	0.0	90.0	-0.78	-1.60	0.0	0.0	0.0	0.0
3503	5	36.01	0.0	-1.81e-03	-3.20	0.0	-0.78	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.29e-03	0.0	90.0	-0.78	-1.60	0.0	0.0	0.0	0.0
3504	1	46.81	0.0	-4.96e-03	-4.16	0.0	-36.28	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-6.57e-03	0.0	90.0	-36.28	-2.08	0.0	0.0	0.0	0.0
3504	2	36.01	0.0	-3.99e-03	-3.20	0.0	-29.22	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.29e-03	0.0	90.0	-29.22	-1.60	0.0	0.0	0.0	0.0
3504	3	36.01	0.0	-3.74e-03	-3.20	0.0	-27.31	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.95e-03	0.0	90.0	-27.31	-1.60	0.0	0.0	0.0	0.0
3504	4	36.01	0.0	-3.28e-03	-3.20	0.0	-23.41	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.28e-03	0.0	90.0	-23.41	-1.60	0.0	0.0	0.0	0.0
3504	5	36.01	0.0	-3.28e-03	-3.20	0.0	-23.41	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.28e-03	0.0	90.0	-23.41	-1.60	0.0	0.0	0.0	0.0
3505	1	46.81	0.0	-1.36e-03	-4.16	0.0	16.27	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	90.0	16.27	-2.08	0.0	0.0	0.0	0.0
3505	2	36.01	0.0	-1.06e-03	-3.20	0.0	13.09	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	13.09	-1.60	0.0	0.0	0.0	0.0
3505	3	36.01	0.0	-1.05e-03	-3.20	0.0	12.26	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	12.26	-1.60	0.0	0.0	0.0	0.0
3505	4	36.01	0.0	-1.02e-03	-3.20	0.0	10.67	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	9.90e-03	0.0	90.0	10.67	-1.60	0.0	0.0	0.0	0.0
3505	5	36.01	0.0	-1.02e-03	-3.20	0.0	10.67	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	9.90e-03	0.0	90.0	10.67	-1.60	0.0	0.0	0.0	0.0
3506	1	46.81	0.0	-1.84e-03	-4.16	0.0	10.04	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-7.97e-04	0.0	90.0	10.04	-2.08	0.0	0.0	0.0	0.0
3506	2	36.01	0.0	-1.43e-03	-3.20	0.0	8.08	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.40e-04	0.0	90.0	8.08	-1.60	0.0	0.0	0.0	0.0
3506	3	36.01	0.0	-1.41e-03	-3.20	0.0	7.57	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.02e-04	0.0	90.0	7.57	-1.60	0.0	0.0	0.0	0.0
3506	4	36.01	0.0	-1.39e-03	-3.20	0.0	6.62	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.26e-04	0.0	90.0	6.62	-1.60	0.0	0.0	0.0	0.0
3506	5	36.01	0.0	-1.39e-03	-3.20	0.0	6.62	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.26e-04	0.0	90.0	6.62	-1.60	0.0	0.0	0.0	0.0
3507	1	46.81	0.0	-1.36e-03	-4.16	0.0	3.89	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	3.89	-2.08	0.0	0.0	0.0	0.0
3507	2	36.01	0.0	-1.03e-03	-3.20	0.0	3.13	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	3.13	-1.60	0.0	0.0	0.0	0.0
3507	3	36.01	0.0	-1.05e-03	-3.20	0.0	2.94	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	2.94	-1.60	0.0	0.0	0.0	0.0
3507	4	36.01	0.0	-1.11e-03	-3.20	0.0	2.62	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	2.62	-1.60	0.0	0.0	0.0	0.0
3507	5	36.01	0.0	-1.11e-03	-3.20	0.0	2.62	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	2.62	-1.60	0.0	0.0	0.0	0.0
3508	1	46.81	0.0	-2.67e-03	-4.16	0.0	-1.51	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-3.79e-03	0.0	90.0	-1.51	-2.08	0.0	0.0	0.0	0.0
3508	2	36.01	0.0	-2.09e-03	-3.20	0.0	-1.21	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.07e-03	0.0	90.0	-1.21	-1.60	0.0	0.0	0.0	0.0
3508	3	36.01	0.0	-2.04e-03	-3.20	0.0	-1.13	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.86e-03	0.0	90.0	-1.13	-1.60	0.0	0.0	0.0	0.0
3508	4	36.01	0.0	-1.92e-03	-3.20	0.0	-1.00	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.43e-03	0.0	90.0	-1.00	-1.60	0.0	0.0	0.0	0.0
3508	5	36.01	0.0	-1.92e-03	-3.20	0.0	-1.00	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.43e-03	0.0	90.0	-1.00	-1.60	0.0	0.0	0.0	0.0
3509	1	46.81	0.0	-3.76e-03	-4.16	0.0	-42.61	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	-42.61	-2.08	0.0	0.0	0.0	0.0
3509	2	36.01	0.0	-2.99e-03	-3.20	0.0	-34.31	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.72e-03	0.0	90.0	-34.31	-1.60	0.0	0.0	0.0	0.0
3509	3	36.01	0.0	-2.85e-03	-3.20	0.0	-32.08	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.03e-03	0.0	90.0	-32.08	-1.60	0.0	0.0	0.0	0.0
3509	4	36.01	0.0	-2.58e-03	-3.20	0.0	-27.54	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.66e-03	0.0	90.0	-27.54	-1.60	0.0	0.0	0.0	0.0
3509	5	36.01	0.0	-2.58e-03	-3.20	0.0	-27.54	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.66e-03	0.0	90.0	-27.54	-1.60	0.0	0.0	0.0	0.0
3510	1	46.81	0.0	2.36e-03	-4.16	0.0	12.79	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	90.0	12.79	-2.08	0.0	0.0	0.0	0.0
3510	2	36.01	0.0	1.88e-03	-3.20	0.0	10.27	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	90.0	10.27	-1.60	0.0	0.0	0.0	0.0

3510	3	36.01	0.0	1.78e-03	-3.20	0.0	9.65	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	90.0	9.65	-1.60	0.0	0.0	0.0	0.0
3510	4	36.01	0.0	1.60e-03	-3.20	0.0	8.49	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	90.0	8.49	-1.60	0.0	0.0	0.0	0.0
3510	5	36.01	0.0	1.60e-03	-3.20	0.0	8.49	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	90.0	8.49	-1.60	0.0	0.0	0.0	0.0
3511	1	46.81	0.0	-1.70e-03	-4.16	0.0	6.82	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-5.84e-04	0.0	90.0	6.82	-2.08	0.0	0.0	0.0	0.0
3511	2	36.01	0.0	-1.31e-03	-3.20	0.0	5.47	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.68e-04	0.0	90.0	5.47	-1.60	0.0	0.0	0.0	0.0
3511	3	36.01	0.0	-1.31e-03	-3.20	0.0	5.15	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.41e-04	0.0	90.0	5.15	-1.60	0.0	0.0	0.0	0.0
3511	4	36.01	0.0	-1.30e-03	-3.20	0.0	4.60	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.84e-04	0.0	90.0	4.60	-1.60	0.0	0.0	0.0	0.0
3511	5	36.01	0.0	-1.30e-03	-3.20	0.0	4.60	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.84e-04	0.0	90.0	4.60	-1.60	0.0	0.0	0.0	0.0
3512	1	46.81	0.0	-2.06e-03	-4.16	0.0	0.87	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	0.87	-2.08	0.0	0.0	0.0	0.0
3512	2	36.01	0.0	-1.59e-03	-3.20	0.0	0.68	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	0.68	-1.60	0.0	0.0	0.0	0.0
3512	3	36.01	0.0	-1.58e-03	-3.20	0.0	0.67	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	0.67	-1.60	0.0	0.0	0.0	0.0
3512	4	36.01	0.0	-1.56e-03	-3.20	0.0	0.73	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	0.73	-1.60	0.0	0.0	0.0	0.0
3512	5	36.01	0.0	-1.56e-03	-3.20	0.0	0.73	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	0.73	-1.60	0.0	0.0	0.0	0.0
3513	1	46.81	0.0	-1.23e-03	-4.16	0.0	-1.83	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.31e-03	0.0	90.0	-1.83	-2.08	0.0	0.0	0.0	0.0
3513	2	36.01	0.0	-9.33e-04	-3.20	0.0	-1.46	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.86e-03	0.0	90.0	-1.46	-1.60	0.0	0.0	0.0	0.0
3513	3	36.01	0.0	-9.52e-04	-3.20	0.0	-1.37	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.73e-03	0.0	90.0	-1.37	-1.60	0.0	0.0	0.0	0.0
3513	4	36.01	0.0	-9.95e-04	-3.20	0.0	-1.21	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.48e-03	0.0	90.0	-1.21	-1.60	0.0	0.0	0.0	0.0
3513	5	36.01	0.0	-9.95e-04	-3.20	0.0	-1.21	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.48e-03	0.0	90.0	-1.21	-1.60	0.0	0.0	0.0	0.0
3514	1	46.81	0.0	-6.60e-03	-4.16	0.0	-39.88	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.02e-03	0.0	90.0	-39.88	-2.08	0.0	0.0	0.0	0.0
3514	2	36.01	0.0	-5.32e-03	-3.20	0.0	-32.07	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.63e-03	0.0	90.0	-32.07	-1.60	0.0	0.0	0.0	0.0
3514	3	36.01	0.0	-4.97e-03	-3.20	0.0	-30.05	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.53e-03	0.0	90.0	-30.05	-1.60	0.0	0.0	0.0	0.0
3514	4	36.01	0.0	-4.26e-03	-3.20	0.0	-26.07	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.34e-03	0.0	90.0	-26.07	-1.60	0.0	0.0	0.0	0.0
3514	5	36.01	0.0	-4.26e-03	-3.20	0.0	-26.07	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.34e-03	0.0	90.0	-26.07	-1.60	0.0	0.0	0.0	0.0
3515	1	46.81	0.0	5.64e-03	-4.16	0.0	5.46	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	5.44e-04	0.0	90.0	5.46	-2.08	0.0	0.0	0.0	0.0
3515	2	36.01	0.0	4.50e-03	-3.20	0.0	4.43	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	4.55e-04	0.0	90.0	4.43	-1.60	0.0	0.0	0.0	0.0
3515	3	36.01	0.0	4.29e-03	-3.20	0.0	4.11	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	4.09e-04	0.0	90.0	4.11	-1.60	0.0	0.0	0.0	0.0
3515	4	36.01	0.0	3.84e-03	-3.20	0.0	3.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	3.05e-04	0.0	90.0	3.42	-1.60	0.0	0.0	0.0	0.0
3515	5	36.01	0.0	3.84e-03	-3.20	0.0	3.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	3.05e-04	0.0	90.0	3.42	-1.60	0.0	0.0	0.0	0.0
3516	1	46.81	0.0	1.24e-03	-4.16	0.0	5.11	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.37e-03	0.0	90.0	5.11	-2.08	0.0	0.0	0.0	0.0
3516	2	36.01	0.0	9.95e-04	-3.20	0.0	4.16	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.10e-03	0.0	90.0	4.16	-1.60	0.0	0.0	0.0	0.0
3516	3	36.01	0.0	9.23e-04	-3.20	0.0	3.85	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.03e-03	0.0	90.0	3.85	-1.60	0.0	0.0	0.0	0.0
3516	4	36.01	0.0	-8.63e-04	-3.20	0.0	3.20	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.82e-04	0.0	90.0	3.20	-1.60	0.0	0.0	0.0	0.0
3516	5	36.01	0.0	-8.63e-04	-3.20	0.0	3.20	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-8.82e-04	0.0	90.0	3.20	-1.60	0.0	0.0	0.0	0.0
3517	1	46.81	0.0	8.32e-03	-4.16	0.0	-3.58	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-7.36e-03	0.0	90.0	-3.58	-2.08	0.0	0.0	0.0	0.0
3517	2	36.01	0.0	6.72e-03	-3.20	0.0	-2.88	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.91e-03	0.0	90.0	-2.88	-1.60	0.0	0.0	0.0	0.0
3517	3	36.01	0.0	6.26e-03	-3.20	0.0	-2.70	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.55e-03	0.0	90.0	-2.70	-1.60	0.0	0.0	0.0	0.0
3517	4	36.01	0.0	5.35e-03	-3.20	0.0	-2.33	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.82e-03	0.0	90.0	-2.33	-1.60	0.0	0.0	0.0	0.0
3517	5	36.01	0.0	5.35e-03	-3.20	0.0	-2.33	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.82e-03	0.0	90.0	-2.33	-1.60	0.0	0.0	0.0	0.0
3518	1	46.81	0.0	-0.02	-4.16	0.0	-0.23	2.08	0.0	0.0	0.0	0.0

		0.0	0.0	-2.18e-03	0.0	90.0	-0.23	-2.08	0.0	0.0	0.0	0.0
3518	2	36.01	0.0	-0.02	-3.20	0.0	-0.18	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.76e-03	0.0	90.0	-0.18	-1.60	0.0	0.0	0.0	0.0
3518	3	36.01	0.0	-0.01	-3.20	0.0	-0.17	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.65e-03	0.0	90.0	-0.17	-1.60	0.0	0.0	0.0	0.0
3518	4	36.01	0.0	-0.01	-3.20	0.0	-0.16	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.42e-03	0.0	90.0	-0.16	-1.60	0.0	0.0	0.0	0.0
3518	5	36.01	0.0	-0.01	-3.20	0.0	-0.16	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.42e-03	0.0	90.0	-0.16	-1.60	0.0	0.0	0.0	0.0
3519	1	46.81	0.0	4.21e-03	-4.16	0.0	-5.39	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-5.39	-2.08	0.0	0.0	0.0	0.0
3519	2	36.01	0.0	3.43e-03	-3.20	0.0	-4.33	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-4.33	-1.60	0.0	0.0	0.0	0.0
3519	3	36.01	0.0	3.16e-03	-3.20	0.0	-4.06	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	-4.06	-1.60	0.0	0.0	0.0	0.0
3519	4	36.01	0.0	2.61e-03	-3.20	0.0	-3.51	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	-3.51	-1.60	0.0	0.0	0.0	0.0
3519	5	36.01	0.0	2.61e-03	-3.20	0.0	-3.51	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	-3.51	-1.60	0.0	0.0	0.0	0.0
3520	1	69.92	0.0	-0.03	-5.09	0.0	-137.99	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-2.02e-03	0.0	110.0	-137.99	-2.54	0.0	0.0	0.0	0.0
3520	2	53.79	0.0	-0.02	-3.91	0.0	-111.48	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.63e-03	0.0	110.0	-111.48	-1.96	0.0	0.0	0.0	0.0
3520	3	53.79	0.0	-0.02	-3.91	0.0	-103.81	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.52e-03	0.0	110.0	-103.81	-1.96	0.0	0.0	0.0	0.0
3520	4	53.79	0.0	-0.02	-3.91	0.0	-88.47	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.31e-03	0.0	110.0	-88.47	-1.96	0.0	0.0	0.0	0.0
3520	5	53.79	0.0	-0.02	-3.91	0.0	-88.47	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.31e-03	0.0	110.0	-88.47	-1.96	0.0	0.0	0.0	0.0
3521	1	46.81	0.0	2.22e-03	-4.16	0.0	1.82	2.08	0.0	6.14	0.0	0.0
		0.0	0.0	-1.90e-03	0.0	90.0	1.82	-2.08	0.0	6.14	0.0	0.0
3521	2	36.01	0.0	1.88e-03	-3.20	0.0	1.46	1.60	0.0	4.95	0.0	0.0
		0.0	0.0	-1.53e-03	0.0	90.0	1.46	-1.60	0.0	4.95	0.0	0.0
3521	3	36.01	0.0	1.63e-03	-3.20	0.0	1.37	1.60	0.0	4.63	0.0	0.0
		0.0	0.0	-1.43e-03	0.0	90.0	1.37	-1.60	0.0	4.63	0.0	0.0
3521	4	36.01	0.0	1.13e-03	-3.20	0.0	1.17	1.60	0.0	3.99	0.0	0.0
		0.0	0.0	-1.26e-03	0.0	90.0	1.17	-1.60	0.0	3.99	0.0	0.0
3521	5	36.01	0.0	1.13e-03	-3.20	0.0	1.17	1.60	0.0	3.99	0.0	0.0
		0.0	0.0	-1.26e-03	0.0	90.0	1.17	-1.60	0.0	3.99	0.0	0.0
3522	1	46.81	0.0	-0.02	-4.16	0.0	1.24	2.08	0.0	5.55	0.0	0.0
		0.0	0.0	-2.70e-03	0.0	90.0	1.24	-2.08	0.0	5.55	0.0	0.0
3522	2	36.01	0.0	-0.02	-3.20	0.0	1.00	1.60	0.0	4.45	0.0	0.0
		0.0	0.0	-2.17e-03	0.0	90.0	1.00	-1.60	0.0	4.45	0.0	0.0
3522	3	36.01	0.0	-0.02	-3.20	0.0	0.93	1.60	0.0	4.18	0.0	0.0
		0.0	0.0	-2.03e-03	0.0	90.0	0.93	-1.60	0.0	4.18	0.0	0.0
3522	4	36.01	0.0	-0.01	-3.20	0.0	0.80	1.60	0.0	3.66	0.0	0.0
		0.0	0.0	-1.75e-03	0.0	90.0	0.80	-1.60	0.0	3.66	0.0	0.0
3522	5	36.01	0.0	-0.01	-3.20	0.0	0.80	1.60	0.0	3.66	0.0	0.0
		0.0	0.0	-1.75e-03	0.0	90.0	0.80	-1.60	0.0	3.66	0.0	0.0
3523	1	46.81	0.0	-8.63e-03	-4.16	0.0	0.73	2.08	0.0	21.17	0.0	0.0
		0.0	0.0	-8.80e-03	0.0	90.0	0.73	-2.08	0.0	21.17	0.0	0.0
3523	2	36.01	0.0	-7.04e-03	-3.20	0.0	0.59	1.60	0.0	16.97	0.0	0.0
		0.0	0.0	-7.11e-03	0.0	90.0	0.59	-1.60	0.0	16.97	0.0	0.0
3523	3	36.01	0.0	-6.46e-03	-3.20	0.0	0.55	1.60	0.0	15.97	0.0	0.0
		0.0	0.0	-6.61e-03	0.0	90.0	0.55	-1.60	0.0	15.97	0.0	0.0
3523	4	36.01	0.0	-5.31e-03	-3.20	0.0	0.47	1.60	0.0	13.97	0.0	0.0
		0.0	0.0	-5.63e-03	0.0	90.0	0.47	-1.60	0.0	13.97	0.0	0.0
3523	5	36.01	0.0	-5.31e-03	-3.20	0.0	0.47	1.60	0.0	13.97	0.0	0.0
		0.0	0.0	-5.63e-03	0.0	90.0	0.47	-1.60	0.0	13.97	0.0	0.0
3524	1	69.92	0.0	0.03	-5.09	0.0	-141.60	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-3.78e-03	0.0	110.0	-141.60	-2.54	0.0	0.0	0.0	0.0
3524	2	53.79	0.0	0.02	-3.91	0.0	-114.36	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.04e-03	0.0	110.0	-114.36	-1.96	0.0	0.0	0.0	0.0
3524	3	53.79	0.0	0.02	-3.91	0.0	-106.51	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.84e-03	0.0	110.0	-106.51	-1.96	0.0	0.0	0.0	0.0
3524	4	53.79	0.0	0.02	-3.91	0.0	-90.79	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.45e-03	0.0	110.0	-90.79	-1.96	0.0	0.0	0.0	0.0
3524	5	53.79	0.0	0.02	-3.91	0.0	-90.79	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.45e-03	0.0	110.0	-90.79	-1.96	0.0	0.0	0.0	0.0
3526	1	46.81	0.0	-5.33e-03	-4.16	0.0	-28.69	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-28.69	-2.08	0.0	0.0	0.0	0.0
3526	2	36.01	0.0	-4.29e-03	-3.20	0.0	-23.09	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	-23.09	-1.60	0.0	0.0	0.0	0.0
3526	3	36.01	0.0	-4.02e-03	-3.20	0.0	-21.62	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	-21.62	-1.60	0.0	0.0	0.0	0.0
3526	4	36.01	0.0	-3.52e-03	-3.20	0.0	-18.69	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	-18.69	-1.60	0.0	0.0	0.0	0.0

3526	5	36.01	0.0	-3.52e-03	-3.20	0.0	-18.69	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	-18.69	-1.60	0.0	0.0	0.0	0.0
3527	1	46.81	0.0	-2.92e-03	-4.16	0.0	-1.12	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-1.12	-2.08	0.0	0.0	0.0	0.0
3527	2	36.01	0.0	-2.30e-03	-3.20	0.0	-0.91	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-0.91	-1.60	0.0	0.0	0.0	0.0
3527	3	36.01	0.0	-2.23e-03	-3.20	0.0	-0.85	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	9.67e-03	0.0	90.0	-0.85	-1.60	0.0	0.0	0.0	0.0
3527	4	36.01	0.0	-2.10e-03	-3.20	0.0	-0.73	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	8.39e-03	0.0	90.0	-0.73	-1.60	0.0	0.0	0.0	0.0
3527	5	36.01	0.0	-2.10e-03	-3.20	0.0	-0.73	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	8.39e-03	0.0	90.0	-0.73	-1.60	0.0	0.0	0.0	0.0
3528	1	46.81	0.0	-8.19e-03	-4.16	0.0	-116.10	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	7.56e-03	0.0	90.0	-116.10	-2.08	0.0	0.0	0.0	0.0
3528	2	36.01	0.0	-6.60e-03	-3.20	0.0	-93.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	6.09e-03	0.0	90.0	-93.42	-1.60	0.0	0.0	0.0	0.0
3528	3	36.01	0.0	-6.16e-03	-3.20	0.0	-87.47	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	5.70e-03	0.0	90.0	-87.47	-1.60	0.0	0.0	0.0	0.0
3528	4	36.01	0.0	-5.29e-03	-3.20	0.0	-75.63	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	4.93e-03	0.0	90.0	-75.63	-1.60	0.0	0.0	0.0	0.0
3528	5	36.01	0.0	-5.29e-03	-3.20	0.0	-75.63	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	4.93e-03	0.0	90.0	-75.63	-1.60	0.0	0.0	0.0	0.0
3529	1	46.81	0.0	1.44e-03	-4.16	0.0	-66.35	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-66.35	-2.08	0.0	0.0	0.0	0.0
3529	2	36.01	0.0	1.12e-03	-3.20	0.0	-53.38	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-53.38	-1.60	0.0	0.0	0.0	0.0
3529	3	36.01	0.0	1.10e-03	-3.20	0.0	-50.03	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-50.03	-1.60	0.0	0.0	0.0	0.0
3529	4	36.01	0.0	1.05e-03	-3.20	0.0	-43.32	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	-43.32	-1.60	0.0	0.0	0.0	0.0
3529	5	36.01	0.0	1.05e-03	-3.20	0.0	-43.32	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	-43.32	-1.60	0.0	0.0	0.0	0.0
3530	1	69.92	0.0	-0.07	-5.09	0.0	-477.15	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-2.82e-03	0.0	110.0	-477.15	-2.54	0.0	0.0	0.0	0.0
3530	2	53.79	0.0	-0.06	-3.91	0.0	-384.94	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.27e-03	0.0	110.0	-384.94	-1.96	0.0	0.0	0.0	0.0
3530	3	53.79	0.0	-0.05	-3.91	0.0	-359.02	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.12e-03	0.0	110.0	-359.02	-1.96	0.0	0.0	0.0	0.0
3530	4	53.79	0.0	-0.04	-3.91	0.0	-307.26	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.83e-03	0.0	110.0	-307.26	-1.96	0.0	0.0	0.0	0.0
3530	5	53.79	0.0	-0.04	-3.91	0.0	-307.26	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.83e-03	0.0	110.0	-307.26	-1.96	0.0	0.0	0.0	0.0
3531	1	69.92	0.0	0.07	-5.09	0.0	-478.56	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-2.67e-03	0.0	110.0	-478.56	-2.54	0.0	0.0	0.0	0.0
3531	2	53.79	0.0	0.06	-3.91	0.0	-386.13	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.16e-03	0.0	110.0	-386.13	-1.96	0.0	0.0	0.0	0.0
3531	3	53.79	0.0	0.05	-3.91	0.0	-360.21	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.02e-03	0.0	110.0	-360.21	-1.96	0.0	0.0	0.0	0.0
3531	4	53.79	0.0	0.04	-3.91	0.0	-308.52	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.74e-03	0.0	110.0	-308.52	-1.96	0.0	0.0	0.0	0.0
3531	5	53.79	0.0	0.04	-3.91	0.0	-308.52	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.74e-03	0.0	110.0	-308.52	-1.96	0.0	0.0	0.0	0.0
3532	1	46.81	0.0	-0.02	-4.16	0.0	-291.92	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-291.92	-2.08	0.0	0.0	0.0	0.0
3532	2	36.01	0.0	-0.02	-3.20	0.0	-234.94	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	-234.94	-1.60	0.0	0.0	0.0	0.0
3532	3	36.01	0.0	-0.01	-3.20	0.0	-219.93	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	-219.93	-1.60	0.0	0.0	0.0	0.0
3532	4	36.01	0.0	-0.01	-3.20	0.0	-189.91	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.86e-03	0.0	90.0	-189.91	-1.60	0.0	0.0	0.0	0.0
3532	5	36.01	0.0	-0.01	-3.20	0.0	-189.91	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.86e-03	0.0	90.0	-189.91	-1.60	0.0	0.0	0.0	0.0
3533	1	46.81	0.0	-1.74e-03	-4.16	0.0	-67.30	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-7.88e-04	0.0	90.0	-67.30	-2.08	0.0	0.0	0.0	0.0
3533	2	36.01	0.0	-1.34e-03	-3.20	0.0	-54.14	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.34e-04	0.0	90.0	-54.14	-1.60	0.0	0.0	0.0	0.0
3533	3	36.01	0.0	-1.33e-03	-3.20	0.0	-50.74	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.94e-04	0.0	90.0	-50.74	-1.60	0.0	0.0	0.0	0.0
3533	4	36.01	0.0	-1.32e-03	-3.20	0.0	-43.93	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.14e-04	0.0	90.0	-43.93	-1.60	0.0	0.0	0.0	0.0
3533	5	36.01	0.0	-1.32e-03	-3.20	0.0	-43.93	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.14e-04	0.0	90.0	-43.93	-1.60	0.0	0.0	0.0	0.0
3534	1	46.81	0.0	2.27e-03	-4.16	0.0	-68.18	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-68.18	-2.08	0.0	0.0	0.0	0.0
3534	2	36.01	0.0	1.85e-03	-3.20	0.0	-54.85	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-54.85	-1.60	0.0	0.0	0.0	0.0
3534	3	36.01	0.0	1.70e-03	-3.20	0.0	-51.41	1.60	0.0	0.0	0.0	0.0

		0.0	0.0	0.01	0.0	90.0	-51.41	-1.60	0.0	0.0	0.0	0.0
3534	4	36.01	0.0	1.41e-03	-3.20	0.0	-44.50	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	8.66e-03	0.0	90.0	-44.50	-1.60	0.0	0.0	0.0	0.0
3534	5	36.01	0.0	1.41e-03	-3.20	0.0	-44.50	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	8.66e-03	0.0	90.0	-44.50	-1.60	0.0	0.0	0.0	0.0
3535	1	69.92	0.0	-9.10e-03	-5.09	0.0	-0.02	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	-0.02	-2.54	0.0	0.0	0.0	0.0
3535	2	53.79	0.0	-7.26e-03	-3.91	0.0	-0.02	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	110.0	-0.02	-1.96	0.0	0.0	0.0	0.0
3535	3	53.79	0.0	-6.89e-03	-3.91	0.0	-0.02	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-0.02	-1.96	0.0	0.0	0.0	0.0
3535	4	53.79	0.0	-6.19e-03	-3.91	0.0	-0.01	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-0.01	-1.96	0.0	0.0	0.0	0.0
3535	5	53.79	0.0	-6.19e-03	-3.91	0.0	-0.01	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-0.01	-1.96	0.0	0.0	0.0	0.0
3537	1	46.81	0.0	-7.42e-03	-4.16	0.0	-194.29	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	7.99e-03	0.0	90.0	-194.29	-2.08	0.0	0.0	0.0	0.0
3537	2	36.01	0.0	-5.98e-03	-3.20	0.0	-156.36	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	6.40e-03	0.0	90.0	-156.36	-1.60	0.0	0.0	0.0	0.0
3537	3	36.01	0.0	-5.59e-03	-3.20	0.0	-146.35	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	6.03e-03	0.0	90.0	-146.35	-1.60	0.0	0.0	0.0	0.0
3537	4	36.01	0.0	-4.82e-03	-3.20	0.0	-126.34	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	5.27e-03	0.0	90.0	-126.34	-1.60	0.0	0.0	0.0	0.0
3537	5	36.01	0.0	-4.82e-03	-3.20	0.0	-126.34	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	5.27e-03	0.0	90.0	-126.34	-1.60	0.0	0.0	0.0	0.0
3538	1	46.81	0.0	4.35e-03	-4.16	0.0	-169.89	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-169.89	-2.08	0.0	0.0	0.0	0.0
3538	2	36.01	0.0	3.49e-03	-3.20	0.0	-136.72	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-136.72	-1.60	0.0	0.0	0.0	0.0
3538	3	36.01	0.0	3.29e-03	-3.20	0.0	-127.94	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-127.94	-1.60	0.0	0.0	0.0	0.0
3538	4	36.01	0.0	2.89e-03	-3.20	0.0	-110.49	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-110.49	-1.60	0.0	0.0	0.0	0.0
3538	5	36.01	0.0	2.89e-03	-3.20	0.0	-110.49	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-110.49	-1.60	0.0	0.0	0.0	0.0
3539	1	46.81	0.0	-1.29e-03	-4.16	0.0	-170.79	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-6.26e-04	0.0	90.0	-170.79	-2.08	0.0	0.0	0.0	0.0
3539	2	36.01	0.0	-9.78e-04	-3.20	0.0	-137.44	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.01e-04	0.0	90.0	-137.44	-1.60	0.0	0.0	0.0	0.0
3539	3	36.01	0.0	-9.94e-04	-3.20	0.0	-128.62	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.73e-04	0.0	90.0	-128.62	-1.60	0.0	0.0	0.0	0.0
3539	4	36.01	0.0	-1.02e-03	-3.20	0.0	-111.08	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.14e-04	0.0	90.0	-111.08	-1.60	0.0	0.0	0.0	0.0
3539	5	36.01	0.0	-1.02e-03	-3.20	0.0	-111.08	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.14e-04	0.0	90.0	-111.08	-1.60	0.0	0.0	0.0	0.0
3542	1	46.81	0.0	3.03e-03	-4.16	0.0	-171.83	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-171.83	-2.08	0.0	0.0	0.0	0.0
3542	2	36.01	0.0	2.46e-03	-3.20	0.0	-138.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	9.04e-03	0.0	90.0	-138.28	-1.60	0.0	0.0	0.0	0.0
3542	3	36.01	0.0	2.27e-03	-3.20	0.0	-129.40	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	8.47e-03	0.0	90.0	-129.40	-1.60	0.0	0.0	0.0	0.0
3542	4	36.01	0.0	1.90e-03	-3.20	0.0	-111.75	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	7.30e-03	0.0	90.0	-111.75	-1.60	0.0	0.0	0.0	0.0
3542	5	36.01	0.0	1.90e-03	-3.20	0.0	-111.75	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	7.30e-03	0.0	90.0	-111.75	-1.60	0.0	0.0	0.0	0.0
3543	1	46.81	0.0	-7.81e-03	-4.16	0.0	-309.77	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-309.77	-2.08	0.0	0.0	0.0	0.0
3543	2	36.01	0.0	-6.29e-03	-3.20	0.0	-249.31	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-249.31	-1.60	0.0	0.0	0.0	0.0
3543	3	36.01	0.0	-5.88e-03	-3.20	0.0	-233.37	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-233.37	-1.60	0.0	0.0	0.0	0.0
3543	4	36.01	0.0	-5.07e-03	-3.20	0.0	-201.53	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	9.05e-03	0.0	90.0	-201.53	-1.60	0.0	0.0	0.0	0.0
3543	5	36.01	0.0	-5.07e-03	-3.20	0.0	-201.53	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	9.05e-03	0.0	90.0	-201.53	-1.60	0.0	0.0	0.0	0.0
3544	1	46.81	0.0	2.92e-03	-4.16	0.0	-309.62	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-309.62	-2.08	0.0	0.0	0.0	0.0
3544	2	36.01	0.0	2.33e-03	-3.20	0.0	-249.18	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-249.18	-1.60	0.0	0.0	0.0	0.0
3544	3	36.01	0.0	2.21e-03	-3.20	0.0	-233.25	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-233.25	-1.60	0.0	0.0	0.0	0.0
3544	4	36.01	0.0	1.97e-03	-3.20	0.0	-201.44	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	-201.44	-1.60	0.0	0.0	0.0	0.0
3544	5	36.01	0.0	1.97e-03	-3.20	0.0	-201.44	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	-201.44	-1.60	0.0	0.0	0.0	0.0
3545	1	46.81	0.0	-1.27e-03	-4.16	0.0	-311.28	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-3.04e-03	0.0	90.0	-311.28	-2.08	0.0	0.0	0.0	0.0

3545	2	36.01	0.0	-9.64e-04	-3.20	0.0	-250.51	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.46e-03	0.0	90.0	-250.51	-1.60	0.0	0.0	0.0	0.0
3545	3	36.01	0.0	-9.80e-04	-3.20	0.0	-234.50	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.28e-03	0.0	90.0	-234.50	-1.60	0.0	0.0	0.0	0.0
3545	4	36.01	0.0	-1.01e-03	-3.20	0.0	-202.52	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.95e-03	0.0	90.0	-202.52	-1.60	0.0	0.0	0.0	0.0
3545	5	36.01	0.0	-1.01e-03	-3.20	0.0	-202.52	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.95e-03	0.0	90.0	-202.52	-1.60	0.0	0.0	0.0	0.0
3546	1	46.81	0.0	-1.36e-03	-4.16	0.0	-313.28	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-6.66e-03	0.0	90.0	-313.28	-2.08	0.0	0.0	0.0	0.0
3546	2	36.01	0.0	-1.04e-03	-3.20	0.0	-252.12	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.35e-03	0.0	90.0	-252.12	-1.60	0.0	0.0	0.0	0.0
3546	3	36.01	0.0	-1.05e-03	-3.20	0.0	-236.01	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.02e-03	0.0	90.0	-236.01	-1.60	0.0	0.0	0.0	0.0
3546	4	36.01	0.0	-1.09e-03	-3.20	0.0	-203.82	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.34e-03	0.0	90.0	-203.82	-1.60	0.0	0.0	0.0	0.0
3546	5	36.01	0.0	-1.09e-03	-3.20	0.0	-203.82	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.34e-03	0.0	90.0	-203.82	-1.60	0.0	0.0	0.0	0.0
3547	1	46.81	0.0	-1.24e-03	-4.16	0.0	-315.69	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	9.42e-03	0.0	90.0	-315.69	-2.08	0.0	0.0	0.0	0.0
3547	2	36.01	0.0	-9.28e-04	-3.20	0.0	-254.06	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	7.57e-03	0.0	90.0	-254.06	-1.60	0.0	0.0	0.0	0.0
3547	3	36.01	0.0	-9.69e-04	-3.20	0.0	-237.83	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	7.10e-03	0.0	90.0	-237.83	-1.60	0.0	0.0	0.0	0.0
3547	4	36.01	0.0	-1.05e-03	-3.20	0.0	-205.39	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	6.16e-03	0.0	90.0	-205.39	-1.60	0.0	0.0	0.0	0.0
3547	5	36.01	0.0	-1.05e-03	-3.20	0.0	-205.39	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	6.16e-03	0.0	90.0	-205.39	-1.60	0.0	0.0	0.0	0.0
3550	1	69.92	0.0	-0.07	-5.09	0.0	-486.92	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-3.45e-03	0.0	110.0	-486.92	-2.54	0.0	0.0	0.0	0.0
3550	2	53.79	0.0	-0.05	-3.91	0.0	-392.87	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.78e-03	0.0	110.0	-392.87	-1.96	0.0	0.0	0.0	0.0
3550	3	53.79	0.0	-0.05	-3.91	0.0	-366.52	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.60e-03	0.0	110.0	-366.52	-1.96	0.0	0.0	0.0	0.0
3550	4	53.79	0.0	-0.04	-3.91	0.0	-313.69	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.23e-03	0.0	110.0	-313.69	-1.96	0.0	0.0	0.0	0.0
3550	5	53.79	0.0	-0.04	-3.91	0.0	-313.69	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.23e-03	0.0	110.0	-313.69	-1.96	0.0	0.0	0.0	0.0
3551	1	69.92	0.0	0.07	-5.09	0.0	-463.32	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-2.05e-03	0.0	110.0	-463.32	-2.54	0.0	0.0	0.0	0.0
3551	2	53.79	0.0	0.06	-3.91	0.0	-373.79	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.65e-03	0.0	110.0	-373.79	-1.96	0.0	0.0	0.0	0.0
3551	3	53.79	0.0	0.05	-3.91	0.0	-348.64	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.56e-03	0.0	110.0	-348.64	-1.96	0.0	0.0	0.0	0.0
3551	4	53.79	0.0	0.05	-3.91	0.0	-298.38	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.33e-03	0.0	110.0	-298.38	-1.96	0.0	0.0	0.0	0.0
3551	5	53.79	0.0	0.05	-3.91	0.0	-298.38	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.33e-03	0.0	110.0	-298.38	-1.96	0.0	0.0	0.0	0.0
3552	1	46.81	0.0	-4.63e-03	-4.16	0.0	-8.76	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-8.76	-2.08	0.0	0.0	0.0	0.0
3552	2	36.01	0.0	-3.70e-03	-3.20	0.0	-7.05	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-7.05	-1.60	0.0	0.0	0.0	0.0
3552	3	36.01	0.0	-3.49e-03	-3.20	0.0	-6.60	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	9.51e-03	0.0	90.0	-6.60	-1.60	0.0	0.0	0.0	0.0
3552	4	36.01	0.0	-3.11e-03	-3.20	0.0	-5.69	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	8.25e-03	0.0	90.0	-5.69	-1.60	0.0	0.0	0.0	0.0
3552	5	36.01	0.0	-3.11e-03	-3.20	0.0	-5.69	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	8.25e-03	0.0	90.0	-5.69	-1.60	0.0	0.0	0.0	0.0
3553	1	46.81	0.0	-3.26e-03	-4.16	0.0	-17.54	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	7.47e-03	0.0	90.0	-17.54	-2.08	0.0	0.0	0.0	0.0
3553	2	36.01	0.0	-2.58e-03	-3.20	0.0	-14.12	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	6.01e-03	0.0	90.0	-14.12	-1.60	0.0	0.0	0.0	0.0
3553	3	36.01	0.0	-2.48e-03	-3.20	0.0	-13.21	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	5.64e-03	0.0	90.0	-13.21	-1.60	0.0	0.0	0.0	0.0
3553	4	36.01	0.0	-2.26e-03	-3.20	0.0	-11.40	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	4.87e-03	0.0	90.0	-11.40	-1.60	0.0	0.0	0.0	0.0
3553	5	36.01	0.0	-2.26e-03	-3.20	0.0	-11.40	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	4.87e-03	0.0	90.0	-11.40	-1.60	0.0	0.0	0.0	0.0
3554	1	46.81	0.0	-1.37e-03	-4.16	0.0	-26.36	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-26.36	-2.08	0.0	0.0	0.0	0.0
3554	2	36.01	0.0	-1.05e-03	-3.20	0.0	-21.22	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-21.22	-1.60	0.0	0.0	0.0	0.0
3554	3	36.01	0.0	-1.05e-03	-3.20	0.0	-19.86	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-19.86	-1.60	0.0	0.0	0.0	0.0
3554	4	36.01	0.0	-1.05e-03	-3.20	0.0	-17.13	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	-17.13	-1.60	0.0	0.0	0.0	0.0
3554	5	36.01	0.0	-1.05e-03	-3.20	0.0	-17.13	1.60	0.0	0.0	0.0	0.0





		0.0	0.0	-0.01	0.0	90.0	-17.13	-1.60	0.0	0.0	0.0	0.0
3557	1	46.81	0.0	-1.78e-03	-4.16	0.0	-35.24	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-7.88e-04	0.0	90.0	-35.24	-2.08	0.0	0.0	0.0	0.0
3557	2	36.01	0.0	-1.38e-03	-3.20	0.0	-28.37	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.34e-04	0.0	90.0	-28.37	-1.60	0.0	0.0	0.0	0.0
3557	3	36.01	0.0	-1.37e-03	-3.20	0.0	-26.55	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.94e-04	0.0	90.0	-26.55	-1.60	0.0	0.0	0.0	0.0
3557	4	36.01	0.0	-1.35e-03	-3.20	0.0	-22.90	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.14e-04	0.0	90.0	-22.90	-1.60	0.0	0.0	0.0	0.0
3557	5	36.01	0.0	-1.35e-03	-3.20	0.0	-22.90	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.14e-04	0.0	90.0	-22.90	-1.60	0.0	0.0	0.0	0.0
3558	1	46.81	0.0	-2.07e-03	-4.16	0.0	-44.20	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-44.20	-2.08	0.0	0.0	0.0	0.0
3558	2	36.01	0.0	-1.61e-03	-3.20	0.0	-35.59	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-35.59	-1.60	0.0	0.0	0.0	0.0
3558	3	36.01	0.0	-1.59e-03	-3.20	0.0	-33.30	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	9.91e-03	0.0	90.0	-33.30	-1.60	0.0	0.0	0.0	0.0
3558	4	36.01	0.0	-1.55e-03	-3.20	0.0	-28.72	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	8.54e-03	0.0	90.0	-28.72	-1.60	0.0	0.0	0.0	0.0
3558	5	36.01	0.0	-1.55e-03	-3.20	0.0	-28.72	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	8.54e-03	0.0	90.0	-28.72	-1.60	0.0	0.0	0.0	0.0
3559	1	46.81	0.0	-1.42e-03	-4.16	0.0	-53.28	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	7.88e-03	0.0	90.0	-53.28	-2.08	0.0	0.0	0.0	0.0
3559	2	36.01	0.0	-1.08e-03	-3.20	0.0	-42.89	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	6.32e-03	0.0	90.0	-42.89	-1.60	0.0	0.0	0.0	0.0
3559	3	36.01	0.0	-1.09e-03	-3.20	0.0	-40.14	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	5.95e-03	0.0	90.0	-40.14	-1.60	0.0	0.0	0.0	0.0
3559	4	36.01	0.0	-1.12e-03	-3.20	0.0	-34.62	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	5.20e-03	0.0	90.0	-34.62	-1.60	0.0	0.0	0.0	0.0
3559	5	36.01	0.0	-1.12e-03	-3.20	0.0	-34.62	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	5.20e-03	0.0	90.0	-34.62	-1.60	0.0	0.0	0.0	0.0
3560	1	69.92	0.0	-0.02	-5.09	0.0	0.10	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	0.10	-2.54	0.0	0.0	0.0	0.0
3560	2	53.79	0.0	-0.02	-3.91	0.0	0.08	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	0.08	-1.96	0.0	0.0	0.0	0.0
3560	3	53.79	0.0	-0.02	-3.91	0.0	0.08	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	0.08	-1.96	0.0	0.0	0.0	0.0
3560	4	53.79	0.0	-0.01	-3.91	0.0	0.07	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-9.19e-03	0.0	110.0	0.07	-1.96	0.0	0.0	0.0	0.0
3560	5	53.79	0.0	-0.01	-3.91	0.0	0.07	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-9.19e-03	0.0	110.0	0.07	-1.96	0.0	0.0	0.0	0.0
3561	1	69.92	0.0	0.08	-5.09	0.0	-368.39	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-1.75e-03	0.0	110.0	-368.39	-2.54	0.0	0.0	0.0	0.0
3561	2	53.79	0.0	0.06	-3.91	0.0	-297.40	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.41e-03	0.0	110.0	-297.40	-1.96	0.0	0.0	0.0	0.0
3561	3	53.79	0.0	0.06	-3.91	0.0	-277.26	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.34e-03	0.0	110.0	-277.26	-1.96	0.0	0.0	0.0	0.0
3561	4	53.79	0.0	0.05	-3.91	0.0	-236.93	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.15e-03	0.0	110.0	-236.93	-1.96	0.0	0.0	0.0	0.0
3561	5	53.79	0.0	0.05	-3.91	0.0	-236.93	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.15e-03	0.0	110.0	-236.93	-1.96	0.0	0.0	0.0	0.0
3562	1	46.81	0.0	-1.38e-03	-4.16	0.0	-62.50	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-62.50	-2.08	0.0	0.0	0.0	0.0
3562	2	36.01	0.0	-1.06e-03	-3.20	0.0	-50.31	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-50.31	-1.60	0.0	0.0	0.0	0.0
3562	3	36.01	0.0	-1.07e-03	-3.20	0.0	-47.08	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-47.08	-1.60	0.0	0.0	0.0	0.0
3562	4	36.01	0.0	-1.08e-03	-3.20	0.0	-40.61	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-40.61	-1.60	0.0	0.0	0.0	0.0
3562	5	36.01	0.0	-1.08e-03	-3.20	0.0	-40.61	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-40.61	-1.60	0.0	0.0	0.0	0.0
3563	1	46.81	0.0	-1.52e-03	-4.16	0.0	-71.88	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-6.26e-04	0.0	90.0	-71.88	-2.08	0.0	0.0	0.0	0.0
3563	2	36.01	0.0	-1.17e-03	-3.20	0.0	-57.87	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.01e-04	0.0	90.0	-57.87	-1.60	0.0	0.0	0.0	0.0
3563	3	36.01	0.0	-1.17e-03	-3.20	0.0	-54.15	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.73e-04	0.0	90.0	-54.15	-1.60	0.0	0.0	0.0	0.0
3563	4	36.01	0.0	-1.18e-03	-3.20	0.0	-46.71	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.14e-04	0.0	90.0	-46.71	-1.60	0.0	0.0	0.0	0.0
3563	5	36.01	0.0	-1.18e-03	-3.20	0.0	-46.71	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.14e-04	0.0	90.0	-46.71	-1.60	0.0	0.0	0.0	0.0
3564	1	46.81	0.0	-1.89e-03	-4.16	0.0	-81.47	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-81.47	-2.08	0.0	0.0	0.0	0.0
3564	2	36.01	0.0	-1.46e-03	-3.20	0.0	-65.59	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	8.92e-03	0.0	90.0	-65.59	-1.60	0.0	0.0	0.0	0.0
3564	3	36.01	0.0	-1.45e-03	-3.20	0.0	-61.37	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	8.35e-03	0.0	90.0	-61.37	-1.60	0.0	0.0	0.0	0.0

3564	4	36.01	0.0	-1.43e-03	-3.20	0.0	-52.94	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	7.20e-03	0.0	90.0	-52.94	-1.60	0.0	0.0	0.0	0.0
3564	5	36.01	0.0	-1.43e-03	-3.20	0.0	-52.94	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	7.20e-03	0.0	90.0	-52.94	-1.60	0.0	0.0	0.0	0.0
3565	1	69.92	0.0	5.54e-03	-5.09	0.0	-16.46	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.22	0.0	110.0	-16.46	-2.54	0.0	0.0	0.0	0.0
3565	2	53.79	0.0	4.46e-03	-3.91	0.0	-13.25	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.17	0.0	110.0	-13.25	-1.96	0.0	0.0	0.0	0.0
3565	3	53.79	0.0	4.18e-03	-3.91	0.0	-12.40	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.16	0.0	110.0	-12.40	-1.96	0.0	0.0	0.0	0.0
3565	4	53.79	0.0	3.61e-03	-3.91	0.0	-10.70	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.14	0.0	110.0	-10.70	-1.96	0.0	0.0	0.0	0.0
3565	5	53.79	0.0	3.61e-03	-3.91	0.0	-10.70	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.14	0.0	110.0	-10.70	-1.96	0.0	0.0	0.0	0.0
3566	1	69.92	0.0	-0.01	-5.09	0.0	-12.19	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-12.19	-2.54	0.0	0.0	0.0	0.0
3566	2	53.79	0.0	-0.01	-3.91	0.0	-9.80	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-9.80	-1.96	0.0	0.0	0.0	0.0
3566	3	53.79	0.0	-0.01	-3.91	0.0	-9.18	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	110.0	-9.18	-1.96	0.0	0.0	0.0	0.0
3566	4	53.79	0.0	-8.80e-03	-3.91	0.0	-7.95	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-9.13e-03	0.0	110.0	-7.95	-1.96	0.0	0.0	0.0	0.0
3566	5	53.79	0.0	-8.80e-03	-3.91	0.0	-7.95	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-9.13e-03	0.0	110.0	-7.95	-1.96	0.0	0.0	0.0	0.0
3567	1	46.81	0.0	-2.07e-03	-4.16	0.0	-91.29	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-91.29	-2.08	0.0	0.0	0.0	0.0
3567	2	36.01	0.0	-1.61e-03	-3.20	0.0	-73.49	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-73.49	-1.60	0.0	0.0	0.0	0.0
3567	3	36.01	0.0	-1.58e-03	-3.20	0.0	-68.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-68.77	-1.60	0.0	0.0	0.0	0.0
3567	4	36.01	0.0	-1.53e-03	-3.20	0.0	-59.32	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	8.95e-03	0.0	90.0	-59.32	-1.60	0.0	0.0	0.0	0.0
3567	5	36.01	0.0	-1.53e-03	-3.20	0.0	-59.32	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	8.95e-03	0.0	90.0	-59.32	-1.60	0.0	0.0	0.0	0.0
3568	1	46.81	0.0	2.15e-03	-4.16	0.0	-101.37	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-101.37	-2.08	0.0	0.0	0.0	0.0
3568	2	36.01	0.0	1.72e-03	-3.20	0.0	-81.61	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-81.61	-1.60	0.0	0.0	0.0	0.0
3568	3	36.01	0.0	1.62e-03	-3.20	0.0	-76.37	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-76.37	-1.60	0.0	0.0	0.0	0.0
3568	4	36.01	0.0	1.43e-03	-3.20	0.0	-65.88	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	-65.88	-1.60	0.0	0.0	0.0	0.0
3568	5	36.01	0.0	1.43e-03	-3.20	0.0	-65.88	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	-65.88	-1.60	0.0	0.0	0.0	0.0
3569	1	46.81	0.0	-1.69e-03	-4.16	0.0	-111.76	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-3.04e-03	0.0	90.0	-111.76	-2.08	0.0	0.0	0.0	0.0
3569	2	36.01	0.0	-1.30e-03	-3.20	0.0	-89.97	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.46e-03	0.0	90.0	-89.97	-1.60	0.0	0.0	0.0	0.0
3569	3	36.01	0.0	-1.29e-03	-3.20	0.0	-84.19	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.28e-03	0.0	90.0	-84.19	-1.60	0.0	0.0	0.0	0.0
3569	4	36.01	0.0	-1.29e-03	-3.20	0.0	-72.63	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.95e-03	0.0	90.0	-72.63	-1.60	0.0	0.0	0.0	0.0
3569	5	36.01	0.0	-1.29e-03	-3.20	0.0	-72.63	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.95e-03	0.0	90.0	-72.63	-1.60	0.0	0.0	0.0	0.0
3570	1	46.81	0.0	-1.96e-03	-4.16	0.0	-122.49	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-6.66e-03	0.0	90.0	-122.49	-2.08	0.0	0.0	0.0	0.0
3570	2	36.01	0.0	-1.52e-03	-3.20	0.0	-98.61	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.35e-03	0.0	90.0	-98.61	-1.60	0.0	0.0	0.0	0.0
3570	3	36.01	0.0	-1.51e-03	-3.20	0.0	-92.28	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.02e-03	0.0	90.0	-92.28	-1.60	0.0	0.0	0.0	0.0
3570	4	36.01	0.0	-1.47e-03	-3.20	0.0	-79.60	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.34e-03	0.0	90.0	-79.60	-1.60	0.0	0.0	0.0	0.0
3570	5	36.01	0.0	-1.47e-03	-3.20	0.0	-79.60	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.34e-03	0.0	90.0	-79.60	-1.60	0.0	0.0	0.0	0.0
3571	1	46.81	0.0	-2.35e-03	-4.16	0.0	-133.60	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	9.31e-03	0.0	90.0	-133.60	-2.08	0.0	0.0	0.0	0.0
3571	2	36.01	0.0	-1.82e-03	-3.20	0.0	-107.55	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	7.49e-03	0.0	90.0	-107.55	-1.60	0.0	0.0	0.0	0.0
3571	3	36.01	0.0	-1.80e-03	-3.20	0.0	-100.65	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	7.02e-03	0.0	90.0	-100.65	-1.60	0.0	0.0	0.0	0.0
3571	4	36.01	0.0	-1.75e-03	-3.20	0.0	-86.83	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	6.09e-03	0.0	90.0	-86.83	-1.60	0.0	0.0	0.0	0.0
3571	5	36.01	0.0	-1.75e-03	-3.20	0.0	-86.83	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	6.09e-03	0.0	90.0	-86.83	-1.60	0.0	0.0	0.0	0.0
3579	1	46.81	0.0	-1.46e-03	-4.16	0.0	9.39	2.08	0.0	0.05	0.0	0.0
		0.0	0.0	-1.43e-03	0.0	90.0	9.39	-2.08	0.0	0.05	0.0	0.0
3579	2	36.01	0.0	-1.16e-03	-3.20	0.0	7.51	1.60	0.0	0.04	0.0	0.0

		0.0	0.0	-1.15e-03	0.0	90.0	7.51	-1.60	0.0	0.04	0.0	0.0
3579	3	36.01	0.0	-1.11e-03	-3.20	0.0	7.11	1.60	0.0	0.04	0.0	0.0
		0.0	0.0	-1.08e-03	0.0	90.0	7.11	-1.60	0.0	0.04	0.0	0.0
3579	4	36.01	0.0	-1.00e-03	-3.20	0.0	6.31	1.60	0.0	0.04	0.0	0.0
		0.0	0.0	-9.40e-04	0.0	90.0	6.31	-1.60	0.0	0.04	0.0	0.0
3579	5	36.01	0.0	-1.00e-03	-3.20	0.0	6.31	1.60	0.0	0.04	0.0	0.0
		0.0	0.0	-9.40e-04	0.0	90.0	6.31	-1.60	0.0	0.04	0.0	0.0
3580	1	69.92	0.0	3.06e-03	-5.09	0.0	6.57e-03	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	0.08	0.0	110.0	6.57e-03	-2.54	0.0	0.0	0.0	0.0
3580	2	53.79	0.0	2.46e-03	-3.91	0.0	5.33e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.07	0.0	110.0	5.33e-03	-1.96	0.0	0.0	0.0	0.0
3580	3	53.79	0.0	2.30e-03	-3.91	0.0	4.93e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.06	0.0	110.0	4.93e-03	-1.96	0.0	0.0	0.0	0.0
3580	4	53.79	0.0	1.98e-03	-3.91	0.0	4.12e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.05	0.0	110.0	4.12e-03	-1.96	0.0	0.0	0.0	0.0
3580	5	53.79	0.0	1.98e-03	-3.91	0.0	4.12e-03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	0.05	0.0	110.0	4.12e-03	-1.96	0.0	0.0	0.0	0.0
3581	1	69.92	0.0	-7.29e-03	-5.09	0.0	-0.03	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-0.06	0.0	110.0	-0.03	-2.54	0.0	0.0	0.0	0.0
3581	2	53.79	0.0	-5.77e-03	-3.91	0.0	-0.02	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.05	0.0	110.0	-0.02	-1.96	0.0	0.0	0.0	0.0
3581	3	53.79	0.0	-5.53e-03	-3.91	0.0	-0.02	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.04	0.0	110.0	-0.02	-1.96	0.0	0.0	0.0	0.0
3581	4	53.79	0.0	-5.05e-03	-3.91	0.0	-0.02	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.04	0.0	110.0	-0.02	-1.96	0.0	0.0	0.0	0.0
3581	5	53.79	0.0	-5.05e-03	-3.91	0.0	-0.02	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-0.04	0.0	110.0	-0.02	-1.96	0.0	0.0	0.0	0.0
3641	1	46.81	0.0	-2.10e-03	-4.16	0.0	9.56	2.08	0.0	-0.06	0.0	0.0
		0.0	0.0	-1.31e-03	0.0	90.0	9.56	-2.08	0.0	-0.06	0.0	0.0
3641	2	36.01	0.0	-1.64e-03	-3.20	0.0	7.64	1.60	0.0	-0.04	0.0	0.0
		0.0	0.0	-1.05e-03	0.0	90.0	7.64	-1.60	0.0	-0.04	0.0	0.0
3641	3	36.01	0.0	-1.61e-03	-3.20	0.0	7.24	1.60	0.0	-0.05	0.0	0.0
		0.0	0.0	-9.86e-04	0.0	90.0	7.24	-1.60	0.0	-0.05	0.0	0.0
3641	4	36.01	0.0	-1.53e-03	-3.20	0.0	6.41	1.60	0.0	-0.09	0.0	0.0
		0.0	0.0	-8.66e-04	0.0	90.0	6.41	-1.60	0.0	-0.09	0.0	0.0
3641	5	36.01	0.0	-1.53e-03	-3.20	0.0	6.41	1.60	0.0	-0.09	0.0	0.0
		0.0	0.0	-8.66e-04	0.0	90.0	6.41	-1.60	0.0	-0.09	0.0	0.0
3654	1	46.81	0.0	-0.02	-4.16	0.0	-559.80	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-8.72e-03	0.0	90.0	-559.80	-2.08	0.0	0.0	0.0	0.0
3654	2	36.01	0.0	-0.02	-3.20	0.0	-450.78	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-7.03e-03	0.0	90.0	-450.78	-1.60	0.0	0.0	0.0	0.0
3654	3	36.01	0.0	-0.02	-3.20	0.0	-421.67	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.57e-03	0.0	90.0	-421.67	-1.60	0.0	0.0	0.0	0.0
3654	4	36.01	0.0	-0.02	-3.20	0.0	-363.46	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.63e-03	0.0	90.0	-363.46	-1.60	0.0	0.0	0.0	0.0
3654	5	36.01	0.0	-0.02	-3.20	0.0	-363.46	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.63e-03	0.0	90.0	-363.46	-1.60	0.0	0.0	0.0	0.0
3655	1	46.81	0.0	-3.24e-03	-4.16	0.0	0.55	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	0.55	-2.08	0.0	0.0	0.0	0.0
3655	2	36.01	0.0	-2.56e-03	-3.20	0.0	0.45	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	0.45	-1.60	0.0	0.0	0.0	0.0
3655	3	36.01	0.0	-2.46e-03	-3.20	0.0	0.42	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	0.42	-1.60	0.0	0.0	0.0	0.0
3655	4	36.01	0.0	-2.28e-03	-3.20	0.0	0.36	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	0.36	-1.60	0.0	0.0	0.0	0.0
3655	5	36.01	0.0	-2.28e-03	-3.20	0.0	0.36	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	0.36	-1.60	0.0	0.0	0.0	0.0
3656	1	46.81	0.0	-0.01	-4.16	0.0	-346.49	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-8.57e-03	0.0	90.0	-346.49	-2.08	0.0	0.0	0.0	0.0
3656	2	36.01	0.0	-0.01	-3.20	0.0	-278.89	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.91e-03	0.0	90.0	-278.89	-1.60	0.0	0.0	0.0	0.0
3656	3	36.01	0.0	-0.01	-3.20	0.0	-261.03	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-6.46e-03	0.0	90.0	-261.03	-1.60	0.0	0.0	0.0	0.0
3656	4	36.01	0.0	-9.75e-03	-3.20	0.0	-225.34	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.53e-03	0.0	90.0	-225.34	-1.60	0.0	0.0	0.0	0.0
3656	5	36.01	0.0	-9.75e-03	-3.20	0.0	-225.34	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.53e-03	0.0	90.0	-225.34	-1.60	0.0	0.0	0.0	0.0
3659	1	180.68	0.0	0.03	-3.93	0.0	-799.69	-0.16	0.06	8.42	-4.86	180.68
		0.0	-4.86	-3.68e-03	0.0	85.0	-799.69	-4.09	0.06	8.42	0.0	0.0
3659	2	147.78	0.0	0.02	-3.02	0.0	-646.05	-0.23	0.05	6.84	-3.91	147.78
		0.0	-3.91	-2.96e-03	0.0	85.0	-646.05	-3.25	0.05	6.84	0.0	0.0
3659	3	135.06	0.0	0.02	-3.02	0.0	-601.25	-0.08	0.04	6.21	-3.59	135.06
		0.0	-3.59	-2.74e-03	0.0	85.0	-601.25	-3.10	0.04	6.21	0.0	0.0
3659	4	110.28	0.0	0.02	-3.02	0.0	-511.97	0.22	0.04	5.38	-3.49	109.61
		0.0	-3.49	-2.43e-03	0.0	85.0	-511.97	-2.80	0.04	5.38	0.0	0.0
3659	5	110.28	0.0	0.02	-3.02	0.0	-511.97	0.22	0.04	5.38	-3.49	109.61
		0.0	-3.49	-2.43e-03	0.0	85.0	-511.97	-2.80	0.04	5.38	0.0	0.0

3672	1	46.81	0.0	-2.69e-03	-4.16	0.0	-0.14	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-0.14	-2.08	0.0	0.0	0.0	0.0
3672	2	36.01	0.0	-2.11e-03	-3.20	0.0	-0.11	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	-0.11	-1.60	0.0	0.0	0.0	0.0
3672	3	36.01	0.0	-2.05e-03	-3.20	0.0	-0.11	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	-0.11	-1.60	0.0	0.0	0.0	0.0
3672	4	36.01	0.0	-1.94e-03	-3.20	0.0	-0.09	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	-0.09	-1.60	0.0	0.0	0.0	0.0
3672	5	36.01	0.0	-1.94e-03	-3.20	0.0	-0.09	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	-0.09	-1.60	0.0	0.0	0.0	0.0
3673	1	46.81	0.0	-5.04e-03	-4.16	0.0	-0.08	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.00e-03	0.0	90.0	-0.08	-2.08	0.0	0.0	0.0	0.0
3673	2	36.01	0.0	-4.06e-03	-3.20	0.0	-0.06	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.60e-03	0.0	90.0	-0.06	-1.60	0.0	0.0	0.0	0.0
3673	3	36.01	0.0	-3.80e-03	-3.20	0.0	-0.06	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.50e-03	0.0	90.0	-0.06	-1.60	0.0	0.0	0.0	0.0
3673	4	36.01	0.0	-3.34e-03	-3.20	0.0	-0.05	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.32e-03	0.0	90.0	-0.05	-1.60	0.0	0.0	0.0	0.0
3673	5	36.01	0.0	-3.34e-03	-3.20	0.0	-0.05	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.32e-03	0.0	90.0	-0.05	-1.60	0.0	0.0	0.0	0.0
3678	1	46.81	0.0	-9.66e-03	-4.16	0.0	-48.30	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-48.30	-2.08	0.0	0.0	0.0	0.0
3678	2	36.01	0.0	-7.77e-03	-3.20	0.0	-38.88	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	-38.88	-1.60	0.0	0.0	0.0	0.0
3678	3	36.01	0.0	-7.29e-03	-3.20	0.0	-36.39	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	-36.39	-1.60	0.0	0.0	0.0	0.0
3678	4	36.01	0.0	-6.33e-03	-3.20	0.0	-31.40	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.74e-03	0.0	90.0	-31.40	-1.60	0.0	0.0	0.0	0.0
3678	5	36.01	0.0	-6.33e-03	-3.20	0.0	-31.40	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-9.74e-03	0.0	90.0	-31.40	-1.60	0.0	0.0	0.0	0.0
3679	1	46.81	0.0	0.01	-4.16	0.0	-17.00	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-7.36e-03	0.0	90.0	-17.00	-2.08	0.0	0.0	0.0	0.0
3679	2	36.01	0.0	9.34e-03	-3.20	0.0	-13.68	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.91e-03	0.0	90.0	-13.68	-1.60	0.0	0.0	0.0	0.0
3679	3	36.01	0.0	8.73e-03	-3.20	0.0	-12.81	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-5.55e-03	0.0	90.0	-12.81	-1.60	0.0	0.0	0.0	0.0
3679	4	36.01	0.0	7.51e-03	-3.20	0.0	-11.05	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.82e-03	0.0	90.0	-11.05	-1.60	0.0	0.0	0.0	0.0
3679	5	36.01	0.0	7.51e-03	-3.20	0.0	-11.05	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-4.82e-03	0.0	90.0	-11.05	-1.60	0.0	0.0	0.0	0.0
3682	1	46.81	0.0	4.21e-03	-4.16	0.0	-18.32	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-3.09e-03	0.0	90.0	-18.32	-2.08	0.0	0.0	0.0	0.0
3682	2	36.01	0.0	3.38e-03	-3.20	0.0	-15.06	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.51e-03	0.0	90.0	-15.06	-1.60	0.0	0.0	0.0	0.0
3682	3	36.01	0.0	3.18e-03	-3.20	0.0	-13.92	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.32e-03	0.0	90.0	-13.92	-1.60	0.0	0.0	0.0	0.0
3682	4	36.01	0.0	2.76e-03	-3.20	0.0	-11.13	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.95e-03	0.0	90.0	-11.13	-1.60	0.0	0.0	0.0	0.0
3682	5	36.01	0.0	2.76e-03	-3.20	0.0	-11.13	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.95e-03	0.0	90.0	-11.13	-1.60	0.0	0.0	0.0	0.0
3683	1	46.81	0.0	-1.59e-03	-4.16	0.0	-2.44	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.73e-03	0.0	90.0	-2.44	-2.08	0.0	0.0	0.0	0.0
3683	2	36.01	0.0	-1.23e-03	-3.20	0.0	-2.21	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.40e-03	0.0	90.0	-2.21	-1.60	0.0	0.0	0.0	0.0
3683	3	36.01	0.0	-1.23e-03	-3.20	0.0	-1.91	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.31e-03	0.0	90.0	-1.91	-1.60	0.0	0.0	0.0	0.0
3683	4	36.01	0.0	-1.23e-03	-3.20	0.0	-0.80	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.12e-03	0.0	90.0	-0.80	-1.60	0.0	0.0	0.0	0.0
3683	5	36.01	0.0	-1.23e-03	-3.20	0.0	-0.80	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.12e-03	0.0	90.0	-0.80	-1.60	0.0	0.0	0.0	0.0
3684	1	46.81	0.0	-3.50e-03	-4.16	0.0	1.81	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-3.58e-03	0.0	90.0	1.81	-2.08	0.0	0.0	0.0	0.0
3684	2	36.01	0.0	-2.77e-03	-3.20	0.0	1.22	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.88e-03	0.0	90.0	1.22	-1.60	0.0	0.0	0.0	0.0
3684	3	36.01	0.0	-2.67e-03	-3.20	0.0	1.35	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.70e-03	0.0	90.0	1.35	-1.60	0.0	0.0	0.0	0.0
3684	4	36.01	0.0	-2.48e-03	-3.20	0.0	1.82	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.35e-03	0.0	90.0	1.82	-1.60	0.0	0.0	0.0	0.0
3684	5	36.01	0.0	-2.48e-03	-3.20	0.0	1.82	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.35e-03	0.0	90.0	1.82	-1.60	0.0	0.0	0.0	0.0
3685	1	46.81	0.0	-7.30e-03	-4.16	0.0	-0.45	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-4.46e-04	0.0	90.0	-0.45	-2.08	0.0	0.0	0.0	0.0
3685	2	36.01	0.0	-5.83e-03	-3.20	0.0	-0.59	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.40e-04	0.0	90.0	-0.59	-1.60	0.0	0.0	0.0	0.0
3685	3	36.01	0.0	-5.51e-03	-3.20	0.0	-0.31	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.62e-04	0.0	90.0	-0.31	-1.60	0.0	0.0	0.0	0.0
3685	4	36.01	0.0	-4.89e-03	-3.20	0.0	0.30	1.60	0.0	0.0	0.0	0.0

		0.0	0.0	-3.62e-04	0.0	90.0	0.30	-1.60	0.0	0.0	0.0	0.0
3685	5	36.01	0.0	-4.89e-03	-3.20	0.0	0.30	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.62e-04	0.0	90.0	0.30	-1.60	0.0	0.0	0.0	0.0
3686	1	46.81	0.0	-0.01	-4.16	0.0	9.46	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.35e-03	0.0	90.0	9.46	-2.08	0.0	0.0	0.0	0.0
3686	2	36.01	0.0	-9.62e-03	-3.20	0.0	7.36	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.88e-03	0.0	90.0	7.36	-1.60	0.0	0.0	0.0	0.0
3686	3	36.01	0.0	-9.09e-03	-3.20	0.0	7.12	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.76e-03	0.0	90.0	7.12	-1.60	0.0	0.0	0.0	0.0
3686	4	36.01	0.0	-8.06e-03	-3.20	0.0	6.79	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.53e-03	0.0	90.0	6.79	-1.60	0.0	0.0	0.0	0.0
3686	5	36.01	0.0	-8.06e-03	-3.20	0.0	6.79	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.53e-03	0.0	90.0	6.79	-1.60	0.0	0.0	0.0	0.0
3687	1	46.81	0.0	-0.02	-4.16	0.0	-24.22	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	4.61e-04	0.0	90.0	-24.22	-2.08	0.0	0.0	0.0	0.0
3687	2	36.01	0.0	-0.02	-3.20	0.0	-19.58	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	3.73e-04	0.0	90.0	-19.58	-1.60	0.0	0.0	0.0	0.0
3687	3	36.01	0.0	-0.02	-3.20	0.0	-18.22	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	3.36e-04	0.0	90.0	-18.22	-1.60	0.0	0.0	0.0	0.0
3687	4	36.01	0.0	-0.02	-3.20	0.0	-15.65	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	2.81e-04	0.0	90.0	-15.65	-1.60	0.0	0.0	0.0	0.0
3687	5	36.01	0.0	-0.02	-3.20	0.0	-15.65	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	2.81e-04	0.0	90.0	-15.65	-1.60	0.0	0.0	0.0	0.0
3688	1	46.81	0.0	-5.92e-03	-4.16	0.0	-49.69	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	90.0	-49.69	-2.08	0.0	0.0	0.0	0.0
3688	2	36.01	0.0	-4.77e-03	-3.20	0.0	-39.99	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	90.0	-39.99	-1.60	0.0	0.0	0.0	0.0
3688	3	36.01	0.0	-4.46e-03	-3.20	0.0	-37.44	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	90.0	-37.44	-1.60	0.0	0.0	0.0	0.0
3688	4	36.01	0.0	-3.86e-03	-3.20	0.0	-32.35	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-32.35	-1.60	0.0	0.0	0.0	0.0
3688	5	36.01	0.0	-3.86e-03	-3.20	0.0	-32.35	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-32.35	-1.60	0.0	0.0	0.0	0.0
3689	1	46.81	0.0	-0.02	-4.16	0.0	-415.16	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	90.0	-415.16	-2.08	0.0	0.0	0.0	0.0
3689	2	36.01	0.0	-0.02	-3.20	0.0	-334.17	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	90.0	-334.17	-1.60	0.0	0.0	0.0	0.0
3689	3	36.01	0.0	-0.02	-3.20	0.0	-312.76	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-312.76	-1.60	0.0	0.0	0.0	0.0
3689	4	36.01	0.0	-0.01	-3.20	0.0	-269.93	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-269.93	-1.60	0.0	0.0	0.0	0.0
3689	5	36.01	0.0	-0.01	-3.20	0.0	-269.93	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-269.93	-1.60	0.0	0.0	0.0	0.0
3690	1	46.81	0.0	-0.03	-4.16	0.0	-364.77	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	8.24e-03	0.0	90.0	-364.77	-2.08	0.0	0.0	0.0	0.0
3690	2	36.01	0.0	-0.02	-3.20	0.0	-293.83	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	6.65e-03	0.0	90.0	-293.83	-1.60	0.0	0.0	0.0	0.0
3690	3	36.01	0.0	-0.02	-3.20	0.0	-274.72	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	6.20e-03	0.0	90.0	-274.72	-1.60	0.0	0.0	0.0	0.0
3690	4	36.01	0.0	-0.02	-3.20	0.0	-236.44	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	5.32e-03	0.0	90.0	-236.44	-1.60	0.0	0.0	0.0	0.0
3690	5	36.01	0.0	-0.02	-3.20	0.0	-236.44	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	5.32e-03	0.0	90.0	-236.44	-1.60	0.0	0.0	0.0	0.0
3694	1	46.81	0.0	-1.54e-03	-4.16	0.0	-33.06	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-33.06	-2.08	0.0	0.0	0.0	0.0
3694	2	36.01	0.0	-1.17e-03	-3.20	0.0	-26.61	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.02	0.0	90.0	-26.61	-1.60	0.0	0.0	0.0	0.0
3694	3	36.01	0.0	-1.19e-03	-3.20	0.0	-24.91	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	-24.91	-1.60	0.0	0.0	0.0	0.0
3694	4	36.01	0.0	-1.22e-03	-3.20	0.0	-21.49	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	-21.49	-1.60	0.0	0.0	0.0	0.0
3694	5	36.01	0.0	-1.22e-03	-3.20	0.0	-21.49	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-0.01	0.0	90.0	-21.49	-1.60	0.0	0.0	0.0	0.0
3699	1	46.81	0.0	-1.44e-03	-4.16	0.0	1.17	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	4.74e-05	0.0	90.0	1.17	-2.08	0.0	0.0	0.0	0.0
3699	2	36.01	0.0	-1.09e-03	-3.20	0.0	0.94	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	4.54e-05	0.0	90.0	0.94	-1.60	0.0	0.0	0.0	0.0
3699	3	36.01	0.0	-1.12e-03	-3.20	0.0	0.88	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	3.20e-05	0.0	90.0	0.88	-1.60	0.0	0.0	0.0	0.0
3699	4	36.01	0.0	-1.18e-03	-3.20	0.0	0.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	6.85e-06	0.0	90.0	0.77	-1.60	0.0	0.0	0.0	0.0
3699	5	36.01	0.0	-1.18e-03	-3.20	0.0	0.77	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	6.85e-06	0.0	90.0	0.77	-1.60	0.0	0.0	0.0	0.0
3712	1	522.39	0.01	-3.70e-03	-2.08	0.0	-452.66	-10.57	-2.75e-04	-18.59	0.01	522.39
		0.0	0.0	-1.60e-03	0.0	45.0	-452.66	-12.65	-2.75e-04	-18.59	0.0	0.0
3712	2	424.99	5.00e-03	-2.98e-03	-1.60	0.0	-367.03	-8.64	-1.11e-04	-15.02	5.00e-03	424.99
		0.0	0.0	-1.29e-03	0.0	45.0	-367.03	-10.24	-1.11e-04	-15.02	0.0	0.0



3712	3	391.54	0.02	-2.79e-03	-1.60	0.0	-339.86	-7.90	-3.54e-04	-13.98	0.02	391.54
		0.0	0.0	-1.20e-03	0.0	45.0	-339.86	-9.50	-3.54e-04	-13.98	0.0	0.0
3712	4	324.65	0.03	-2.39e-03	-1.60	0.0	-285.45	-6.41	-7.23e-04	-11.89	0.03	324.65
		0.0	0.0	-1.03e-03	0.0	45.0	-285.45	-8.01	-7.23e-04	-11.89	0.0	0.0
3712	5	324.65	0.03	-2.39e-03	-1.60	0.0	-285.45	-6.41	-7.23e-04	-11.89	0.03	324.65
		0.0	0.0	-1.03e-03	0.0	45.0	-285.45	-8.01	-7.23e-04	-11.89	0.0	0.0
3713	1	540.38	0.0	-3.38e-03	-2.08	0.0	251.57	-10.97	2.75e-04	-17.57	-0.01	540.38
		0.0	-0.01	1.50e-03	0.0	45.0	251.57	-13.05	2.75e-04	-17.57	0.0	0.0
3713	2	438.93	0.0	-2.73e-03	-1.60	0.0	203.12	-8.95	1.11e-04	-14.18	-5.00e-03	438.93
		0.0	-5.00e-03	1.22e-03	0.0	45.0	203.12	-10.55	1.11e-04	-14.18	0.0	0.0
3713	3	405.30	0.0	-2.55e-03	-1.60	0.0	189.31	-8.21	3.54e-04	-13.21	-0.02	405.30
		0.0	-0.02	1.13e-03	0.0	45.0	189.31	-9.81	3.54e-04	-13.21	0.0	0.0
3713	4	338.14	0.0	-2.17e-03	-1.60	0.0	161.55	-6.71	7.23e-04	-11.27	-0.03	338.14
		0.0	-0.03	9.48e-04	0.0	45.0	161.55	-8.31	7.23e-04	-11.27	0.0	0.0
3713	5	338.14	0.0	-2.17e-03	-1.60	0.0	161.55	-6.71	7.23e-04	-11.27	-0.03	338.14
		0.0	-0.03	9.48e-04	0.0	45.0	161.55	-8.31	7.23e-04	-11.27	0.0	0.0
3714	1	614.84	0.0	7.11e-03	-2.08	0.0	245.06	-12.62	0.05	-12.18	-2.35	614.84
		0.0	-2.35	-1.10e-03	0.0	45.0	245.06	-14.70	0.05	-12.18	0.0	0.0
3714	2	499.31	0.0	5.78e-03	-1.60	0.0	197.86	-10.30	0.04	-9.83	-1.90	499.31
		0.0	-1.90	-8.83e-04	0.0	45.0	197.86	-11.90	0.04	-9.83	0.0	0.0
3714	3	461.23	0.0	5.33e-03	-1.60	0.0	184.36	-9.45	0.04	-9.16	-1.76	461.23
		0.0	-1.76	-8.28e-04	0.0	45.0	184.36	-11.05	0.04	-9.16	0.0	0.0
3714	4	384.94	0.0	4.43e-03	-1.60	0.0	157.62	-7.75	0.03	-7.79	-1.53	384.94
		0.0	-1.53	-7.17e-04	0.0	45.0	157.62	-9.35	0.03	-7.79	0.0	0.0
3714	5	384.94	0.0	4.43e-03	-1.60	0.0	157.62	-7.75	0.03	-7.79	-1.53	384.94
		0.0	-1.53	-7.17e-04	0.0	45.0	157.62	-9.35	0.03	-7.79	0.0	0.0
3715	1	689.78	0.0	0.02	-2.08	0.0	53.05	-14.29	0.52	-33.06	-23.20	689.78
		0.0	-23.20	-5.43e-03	0.0	45.0	53.05	-16.37	0.52	-33.06	0.0	0.0
3715	2	559.77	0.0	0.01	-1.60	0.0	43.37	-11.64	0.42	-26.74	-18.76	559.77
		0.0	-18.76	-4.39e-03	0.0	45.0	43.37	-13.24	0.42	-26.74	0.0	0.0
3715	3	517.62	0.0	0.01	-1.60	0.0	39.76	-10.70	0.39	-24.85	-17.45	517.62
		0.0	-17.45	-4.09e-03	0.0	45.0	39.76	-12.30	0.39	-24.85	0.0	0.0
3715	4	433.33	0.0	9.76e-03	-1.60	0.0	32.59	-8.83	0.33	-21.07	-14.79	433.33
		0.0	-14.79	-3.48e-03	0.0	45.0	32.59	-10.43	0.33	-21.07	0.0	0.0
3715	5	433.33	0.0	9.76e-03	-1.60	0.0	32.59	-8.83	0.33	-21.07	-14.79	433.33
		0.0	-14.79	-3.48e-03	0.0	45.0	32.59	-10.43	0.33	-21.07	0.0	0.0
3716	1	700.42	0.0	0.02	-2.08	0.0	-58.81	-14.52	0.48	-44.41	-21.38	700.42
		0.0	-21.38	-1.97e-03	0.0	45.0	-58.81	-16.60	0.48	-44.41	0.0	0.0
3716	2	568.43	0.0	0.01	-1.60	0.0	-47.19	-11.83	0.38	-35.91	-17.29	568.43
		0.0	-17.29	-1.59e-03	0.0	45.0	-47.19	-13.43	0.38	-35.91	0.0	0.0
3716	3	525.58	0.0	0.01	-1.60	0.0	-44.26	-10.88	0.36	-33.38	-16.07	525.58
		0.0	-16.07	-1.48e-03	0.0	45.0	-44.26	-12.48	0.36	-33.38	0.0	0.0
3716	4	439.89	0.0	0.01	-1.60	0.0	-38.36	-8.98	0.30	-28.30	-13.62	439.89
		0.0	-13.62	-1.27e-03	0.0	45.0	-38.36	-10.58	0.30	-28.30	0.0	0.0
3716	5	439.89	0.0	0.01	-1.60	0.0	-38.36	-8.98	0.30	-28.30	-13.62	439.89
		0.0	-13.62	-1.27e-03	0.0	45.0	-38.36	-10.58	0.30	-28.30	0.0	0.0
3717	1	647.78	0.0	0.02	-2.08	0.0	-54.45	-13.36	8.32e-03	-23.20	-0.37	647.78
		0.0	-0.37	2.40e-03	0.0	45.0	-54.45	-15.44	8.32e-03	-23.20	0.0	0.0
3717	2	526.14	0.0	0.01	-1.60	0.0	-44.71	-10.89	6.76e-03	-18.71	-0.30	526.14
		0.0	-0.30	1.94e-03	0.0	45.0	-44.71	-12.49	6.76e-03	-18.71	0.0	0.0
3717	3	485.98	0.0	0.01	-1.60	0.0	-40.74	-10.00	6.64e-03	-17.39	-0.30	485.98
		0.0	-0.30	1.80e-03	0.0	45.0	-40.74	-11.60	6.64e-03	-17.39	0.0	0.0
3717	4	405.60	0.0	9.75e-03	-1.60	0.0	-32.60	-8.21	5.90e-03	-14.80	-0.27	405.60
		0.0	-0.27	1.51e-03	0.0	45.0	-32.60	-9.81	5.90e-03	-14.80	0.0	0.0
3717	5	405.60	0.0	9.75e-03	-1.60	0.0	-32.60	-8.21	5.90e-03	-14.80	-0.27	405.60
		0.0	-0.27	1.51e-03	0.0	45.0	-32.60	-9.81	5.90e-03	-14.80	0.0	0.0
3718	1	570.13	2.35	5.59e-03	-2.08	0.0	-562.41	-11.63	-0.05	8.13	2.35	570.13
		0.0	0.0	-9.57e-04	0.0	45.0	-562.41	-13.71	-0.05	8.13	0.0	0.0
3718	2	463.44	1.90	4.56e-03	-1.60	0.0	-455.39	-9.50	-0.04	6.57	1.90	463.44
		0.0	0.0	-7.69e-04	0.0	45.0	-455.39	-11.10	-0.04	6.57	0.0	0.0
3718	3	427.49	1.76	4.19e-03	-1.60	0.0	-422.42	-8.70	-0.04	6.10	1.76	427.49
		0.0	0.0	-7.24e-04	0.0	45.0	-422.42	-10.30	-0.04	6.10	0.0	0.0
3718	4	355.51	1.53	3.45e-03	-1.60	0.0	-356.40	-7.10	-0.03	5.19	1.53	355.51
		0.0	0.0	-6.23e-04	0.0	45.0	-356.40	-8.70	-0.03	5.19	0.0	0.0
3718	5	355.51	1.53	3.45e-03	-1.60	0.0	-356.40	-7.10	-0.03	5.19	1.53	355.51
		0.0	0.0	-6.23e-04	0.0	45.0	-356.40	-8.70	-0.03	5.19	0.0	0.0
3719	1	586.63	23.20	0.01	-2.08	0.0	-459.06	-12.00	-0.52	41.46	23.20	586.63
		0.0	0.0	-1.96e-04	0.0	45.0	-459.06	-14.08	-0.52	41.46	0.0	0.0
3719	2	476.74	18.76	9.40e-03	-1.60	0.0	-372.24	-9.79	-0.42	33.52	18.76	476.74
		0.0	0.0	-1.58e-04	0.0	45.0	-372.24	-11.39	-0.42	33.52	0.0	0.0
3719	3	439.90	17.45	8.69e-03	-1.60	0.0	-344.57	-8.98	-0.39	31.17	17.45	439.90
		0.0	0.0	-1.49e-04	0.0	45.0	-344.57	-10.58	-0.39	31.17	0.0	0.0
3719	4	366.26	14.79	7.28e-03	-1.60	0.0	-289.23	-7.34	-0.33	26.40	14.79	366.26
		0.0	0.0	-1.36e-04	0.0	45.0	-289.23	-8.94	-0.33	26.40	0.0	0.0
3719	5	366.26	14.79	7.28e-03	-1.60	0.0	-289.23	-7.34	-0.33	26.40	14.79	366.26
		0.0	0.0	-1.36e-04	0.0	45.0	-289.23	-8.94	-0.33	26.40	0.0	0.0
3720	1	556.41	21.38	0.01	-2.08	0.0	-310.24	-11.32	-0.48	10.83	21.38	556.41

		0.0	0.0	-6.96e-04	0.0	45.0	-310.24	-13.40	-0.48	10.83	0.0	0.0
3720	2	452.48	17.29	0.01	-1.60	0.0	-252.25	-9.26	-0.38	8.76	17.29	452.48
		0.0	0.0	-5.60e-04	0.0	45.0	-252.25	-10.86	-0.38	8.76	0.0	0.0
3720	3	417.13	16.07	9.73e-03	-1.60	0.0	-232.61	-8.47	-0.36	8.14	16.07	417.13
		0.0	0.0	-5.24e-04	0.0	45.0	-232.61	-10.07	-0.36	8.14	0.0	0.0
3720	4	346.40	13.62	8.10e-03	-1.60	0.0	-193.21	-6.90	-0.30	6.89	13.62	346.40
		0.0	0.0	-4.59e-04	0.0	45.0	-193.21	-8.50	-0.30	6.89	0.0	0.0
3720	5	346.40	13.62	8.10e-03	-1.60	0.0	-193.21	-6.90	-0.30	6.89	13.62	346.40
		0.0	0.0	-4.59e-04	0.0	45.0	-193.21	-8.50	-0.30	6.89	0.0	0.0
3721	1	531.60	0.37	0.01	-2.08	0.0	-254.71	-10.77	-8.32e-03	-24.12	0.37	531.60
		0.0	0.0	-1.67e-03	0.0	45.0	-254.71	-12.85	-8.32e-03	-24.12	0.0	0.0
3721	2	432.51	0.30	0.01	-1.60	0.0	-206.81	-8.81	-6.76e-03	-19.50	0.30	432.51
		0.0	0.0	-1.34e-03	0.0	45.0	-206.81	-10.41	-6.76e-03	-19.50	0.0	0.0
3721	3	398.47	0.30	9.75e-03	-1.60	0.0	-191.06	-8.05	-6.64e-03	-18.11	0.30	398.47
		0.0	0.0	-1.25e-03	0.0	45.0	-191.06	-9.66	-6.64e-03	-18.11	0.0	0.0
3721	4	330.37	0.27	8.08e-03	-1.60	0.0	-159.52	-6.54	-5.90e-03	-15.34	0.27	330.37
		0.0	0.0	-1.07e-03	0.0	45.0	-159.52	-8.14	-5.90e-03	-15.34	0.0	0.0
3721	5	330.37	0.27	8.08e-03	-1.60	0.0	-159.52	-6.54	-5.90e-03	-15.34	0.27	330.37
		0.0	0.0	-1.07e-03	0.0	45.0	-159.52	-8.14	-5.90e-03	-15.34	0.0	0.0
3722	1	518.16	21.75	0.01	-2.08	0.0	-46.63	-10.47	-0.48	9.01	21.75	518.16
		0.0	0.0	-1.05e-03	0.0	45.0	-46.63	-12.55	-0.48	9.01	0.0	0.0
3722	2	421.47	17.59	0.01	-1.60	0.0	-38.67	-8.57	-0.39	7.29	17.59	421.47
		0.0	0.0	-8.43e-04	0.0	45.0	-38.67	-10.17	-0.39	7.29	0.0	0.0
3722	3	388.42	16.35	0.01	-1.60	0.0	-34.74	-7.83	-0.36	6.78	16.35	388.42
		0.0	0.0	-7.84e-04	0.0	45.0	-34.74	-9.43	-0.36	6.78	0.0	0.0
3722	4	322.26	13.87	8.38e-03	-1.60	0.0	-26.61	-6.36	-0.31	5.76	13.87	322.26
		0.0	0.0	-6.74e-04	0.0	45.0	-26.61	-7.96	-0.31	5.76	0.0	0.0
3722	5	322.26	13.87	8.38e-03	-1.60	0.0	-26.61	-6.36	-0.31	5.76	13.87	322.26
		0.0	0.0	-6.74e-04	0.0	45.0	-26.61	-7.96	-0.31	5.76	0.0	0.0
3723	1	623.69	0.0	0.02	-2.08	0.0	-95.32	-12.82	0.06	-13.55	-2.86	623.69
		0.0	-2.86	-1.50e-03	0.0	45.0	-95.32	-14.90	0.06	-13.55	0.0	0.0
3723	2	506.44	0.0	0.01	-1.60	0.0	-77.99	-10.45	0.05	-10.95	-2.30	506.44
		0.0	-2.30	-1.21e-03	0.0	45.0	-77.99	-12.05	0.05	-10.95	0.0	0.0
3723	3	467.80	0.0	0.01	-1.60	0.0	-71.21	-9.60	0.05	-10.22	-2.14	467.80
		0.0	-2.14	-1.13e-03	0.0	45.0	-71.21	-11.20	0.05	-10.22	0.0	0.0
3723	4	390.50	0.0	0.01	-1.60	0.0	-57.71	-7.88	0.04	-8.73	-1.79	390.50
		0.0	-1.79	-9.67e-04	0.0	45.0	-57.71	-9.48	0.04	-8.73	0.0	0.0
3723	5	390.50	0.0	0.01	-1.60	0.0	-57.71	-7.88	0.04	-8.73	-1.79	390.50
		0.0	-1.79	-9.67e-04	0.0	45.0	-57.71	-9.48	0.04	-8.73	0.0	0.0
3724	1	671.64	0.0	0.02	-2.08	0.0	-259.44	-13.89	0.54	-37.48	-24.32	671.64
		0.0	-24.32	-5.98e-03	0.0	45.0	-259.44	-15.97	0.54	-37.48	0.0	0.0
3724	2	545.09	0.0	0.02	-1.60	0.0	-209.98	-11.31	0.44	-30.30	-19.66	545.09
		0.0	-19.66	-4.83e-03	0.0	45.0	-209.98	-12.91	0.44	-30.30	0.0	0.0
3724	3	504.02	0.0	0.02	-1.60	0.0	-195.02	-10.40	0.41	-28.17	-18.27	504.02
		0.0	-18.27	-4.49e-03	0.0	45.0	-195.02	-12.00	0.41	-28.17	0.0	0.0
3724	4	421.84	0.0	0.01	-1.60	0.0	-165.02	-8.57	0.34	-23.87	-15.52	421.84
		0.0	-15.52	-3.83e-03	0.0	45.0	-165.02	-10.17	0.34	-23.87	0.0	0.0
3724	5	421.84	0.0	0.01	-1.60	0.0	-165.02	-8.57	0.34	-23.87	-15.52	421.84
		0.0	-15.52	-3.83e-03	0.0	45.0	-165.02	-10.17	0.34	-23.87	0.0	0.0
3725	1	675.71	0.0	0.02	-2.08	0.0	-291.98	-13.98	0.48	-49.40	-21.75	675.71
		0.0	-21.75	-1.96e-03	0.0	45.0	-291.98	-16.06	0.48	-49.40	0.0	0.0
3725	2	548.41	0.0	0.01	-1.60	0.0	-236.17	-11.39	0.39	-39.95	-17.59	548.41
		0.0	-17.59	-1.58e-03	0.0	45.0	-236.17	-12.99	0.39	-39.95	0.0	0.0
3725	3	507.06	0.0	0.01	-1.60	0.0	-219.57	-10.47	0.36	-37.12	-16.35	507.06
		0.0	-16.35	-1.47e-03	0.0	45.0	-219.57	-12.07	0.36	-37.12	0.0	0.0
3725	4	424.30	0.0	0.01	-1.60	0.0	-186.05	-8.63	0.31	-31.51	-13.87	424.30
		0.0	-13.87	-1.26e-03	0.0	45.0	-186.05	-10.23	0.31	-31.51	0.0	0.0
3725	5	424.30	0.0	0.01	-1.60	0.0	-186.05	-8.63	0.31	-31.51	-13.87	424.30
		0.0	-13.87	-1.26e-03	0.0	45.0	-186.05	-10.23	0.31	-31.51	0.0	0.0
3726	1	627.21	0.16	0.01	-2.08	0.0	-167.64	-12.90	-3.56e-03	-25.69	0.16	627.21
		0.0	0.0	2.95e-03	0.0	45.0	-167.64	-14.98	-3.56e-03	-25.69	0.0	0.0
3726	2	509.41	0.13	0.01	-1.60	0.0	-136.27	-10.52	-2.88e-03	-20.76	0.13	509.41
		0.0	0.0	2.39e-03	0.0	45.0	-136.27	-12.12	-2.88e-03	-20.76	0.0	0.0
3726	3	470.49	0.12	0.01	-1.60	0.0	-125.99	-9.66	-2.56e-03	-19.32	0.12	470.49
		0.0	0.0	2.22e-03	0.0	45.0	-125.99	-11.26	-2.56e-03	-19.32	0.0	0.0
3726	4	392.65	0.08	8.52e-03	-1.60	0.0	-104.83	-7.93	-1.73e-03	-16.36	0.08	392.65
		0.0	0.0	1.87e-03	0.0	45.0	-104.83	-9.53	-1.73e-03	-16.36	0.0	0.0
3726	5	392.65	0.08	8.52e-03	-1.60	0.0	-104.83	-7.93	-1.73e-03	-16.36	0.08	392.65
		0.0	0.0	1.87e-03	0.0	45.0	-104.83	-9.53	-1.73e-03	-16.36	0.0	0.0
3727	1	613.34	0.0	0.01	-2.08	0.0	-46.17	-12.59	0.05	-15.38	-2.28	613.34
		0.0	-2.28	-1.33e-03	0.0	45.0	-46.17	-14.67	0.05	-15.38	0.0	0.0
3727	2	498.20	0.0	0.01	-1.60	0.0	-38.15	-10.27	0.04	-12.43	-1.85	498.20
		0.0	-1.85	-1.08e-03	0.0	45.0	-38.15	-11.87	0.04	-12.43	0.0	0.0
3727	3	459.98	0.0	0.01	-1.60	0.0	-34.49	-9.42	0.04	-11.58	-1.71	459.98
		0.0	-1.71	-1.01e-03	0.0	45.0	-34.49	-11.02	0.04	-11.58	0.0	0.0
3727	4	383.72	0.0	8.55e-03	-1.60	0.0	-26.89	-7.73	0.03	-9.87	-1.44	383.72
		0.0	-1.44	-8.65e-04	0.0	45.0	-26.89	-9.33	0.03	-9.87	0.0	0.0



3727	5	383.72	0.0	8.55e-03	-1.60	0.0	-26.89	-7.73	0.03	-9.87	-1.44	383.72
		0.0	-1.44	-8.65e-04	0.0	45.0	-26.89	-9.33	0.03	-9.87	0.0	0.0
3728	1	625.87	0.0	0.02	-2.08	0.0	38.15	-12.87	0.41	-28.84	-18.59	625.87
		0.0	-18.59	-3.73e-03	0.0	45.0	38.15	-14.95	0.41	-28.84	0.0	0.0
3728	2	508.23	0.0	0.01	-1.60	0.0	30.62	-10.49	0.33	-23.35	-15.05	508.23
		0.0	-15.05	-3.02e-03	0.0	45.0	30.62	-12.09	0.33	-23.35	0.0	0.0
3728	3	469.53	0.0	0.01	-1.60	0.0	28.64	-9.63	0.31	-21.66	-13.97	469.53
		0.0	-13.97	-2.80e-03	0.0	45.0	28.64	-11.23	0.31	-21.66	0.0	0.0
3728	4	392.13	0.0	9.92e-03	-1.60	0.0	24.97	-7.91	0.26	-18.31	-11.78	392.13
		0.0	-11.78	-2.37e-03	0.0	45.0	24.97	-9.51	0.26	-18.31	0.0	0.0
3728	5	392.13	0.0	9.92e-03	-1.60	0.0	24.97	-7.91	0.26	-18.31	-11.78	392.13
		0.0	-11.78	-2.37e-03	0.0	45.0	24.97	-9.51	0.26	-18.31	0.0	0.0
3729	1	665.97	0.0	0.02	-2.08	0.0	-9.05	-13.76	0.41	-36.02	-18.45	665.97
		0.0	-18.45	-1.20e-03	0.0	45.0	-9.05	-15.84	0.41	-36.02	0.0	0.0
3729	2	540.65	0.0	0.02	-1.60	0.0	-6.91	-11.21	0.33	-29.16	-14.93	540.65
		0.0	-14.93	-9.70e-04	0.0	45.0	-6.91	-12.81	0.33	-29.16	0.0	0.0
3729	3	499.71	0.0	0.02	-1.60	0.0	-7.14	-10.30	0.31	-27.05	-13.86	499.71
		0.0	-13.86	-9.05e-04	0.0	45.0	-7.14	-11.90	0.31	-27.05	0.0	0.0
3729	4	417.81	0.0	0.01	-1.60	0.0	-7.27	-8.48	0.26	-22.84	-11.72	417.81
		0.0	-11.72	-7.77e-04	0.0	45.0	-7.27	-10.08	0.26	-22.84	0.0	0.0
3729	5	417.81	0.0	0.01	-1.60	0.0	-7.27	-8.48	0.26	-22.84	-11.72	417.81
		0.0	-11.72	-7.77e-04	0.0	45.0	-7.27	-10.08	0.26	-22.84	0.0	0.0
3730	1	703.09	0.0	0.02	-2.08	0.0	-85.38	-14.58	0.45	-38.38	-20.33	703.09
		0.0	-20.33	-2.00e-03	0.0	45.0	-85.38	-16.66	0.45	-38.38	0.0	0.0
3730	2	570.59	0.0	0.02	-1.60	0.0	-68.25	-11.88	0.37	-31.04	-16.44	570.59
		0.0	-16.44	-1.61e-03	0.0	45.0	-68.25	-13.48	0.37	-31.04	0.0	0.0
3730	3	527.61	0.0	0.02	-1.60	0.0	-64.66	-10.92	0.34	-28.83	-15.27	527.61
		0.0	-15.27	-1.51e-03	0.0	45.0	-64.66	-12.52	0.34	-28.83	0.0	0.0
3730	4	441.65	0.0	0.01	-1.60	0.0	-57.14	-9.01	0.29	-24.40	-12.93	441.65
		0.0	-12.93	-1.29e-03	0.0	45.0	-57.14	-10.61	0.29	-24.40	0.0	0.0
3730	5	441.65	0.0	0.01	-1.60	0.0	-57.14	-9.01	0.29	-24.40	-12.93	441.65
		0.0	-12.93	-1.29e-03	0.0	45.0	-57.14	-10.61	0.29	-24.40	0.0	0.0
3731	1	657.48	0.0	0.02	-2.08	0.0	29.07	-13.57	0.04	-17.87	-1.85	657.48
		0.0	-1.85	1.73e-03	0.0	45.0	29.07	-15.65	0.04	-17.87	0.0	0.0
3731	2	533.95	0.0	0.02	-1.60	0.0	23.58	-11.07	0.03	-14.45	-1.49	533.95
		0.0	-1.49	1.41e-03	0.0	45.0	23.58	-12.67	0.03	-14.45	0.0	0.0
3731	3	493.37	0.0	0.02	-1.60	0.0	21.49	-10.16	0.03	-13.43	-1.44	493.37
		0.0	-1.44	1.29e-03	0.0	45.0	21.49	-11.76	0.03	-13.43	0.0	0.0
3731	4	411.91	0.0	0.01	-1.60	0.0	17.89	-8.35	0.03	-11.40	-1.25	411.91
		0.0	-1.25	1.07e-03	0.0	45.0	17.89	-9.95	0.03	-11.40	0.0	0.0
3731	5	411.91	0.0	0.01	-1.60	0.0	17.89	-8.35	0.03	-11.40	-1.25	411.91
		0.0	-1.25	1.07e-03	0.0	45.0	17.89	-9.95	0.03	-11.40	0.0	0.0
3732	1	609.57	0.0	0.02	-2.08	0.0	208.81	-12.51	0.08	-6.57	-3.68	609.57
		0.0	-3.68	-2.30e-03	0.0	45.0	208.81	-14.59	0.08	-6.57	0.0	0.0
3732	2	495.17	0.0	0.02	-1.60	0.0	168.87	-10.20	0.07	-5.30	-2.97	495.17
		0.0	-2.97	-1.85e-03	0.0	45.0	168.87	-11.80	0.07	-5.30	0.0	0.0
3732	3	457.36	0.0	0.02	-1.60	0.0	157.09	-9.36	0.06	-4.99	-2.76	457.36
		0.0	-2.76	-1.73e-03	0.0	45.0	157.09	-10.96	0.06	-4.99	0.0	0.0
3732	4	381.44	0.0	0.01	-1.60	0.0	133.21	-7.68	0.05	-4.27	-2.38	381.44
		0.0	-2.38	-1.48e-03	0.0	45.0	133.21	-9.28	0.05	-4.27	0.0	0.0
3732	5	381.44	0.0	0.01	-1.60	0.0	133.21	-7.68	0.05	-4.27	-2.38	381.44
		0.0	-2.38	-1.48e-03	0.0	45.0	133.21	-9.28	0.05	-4.27	0.0	0.0
3733	1	580.44	0.0	0.03	-2.08	0.0	-4.08	-11.86	0.52	-28.23	-23.47	580.44
		0.0	-23.47	-6.39e-03	0.0	45.0	-4.08	-13.94	0.52	-28.23	0.0	0.0
3733	2	471.22	0.0	0.02	-1.60	0.0	-3.31	-9.67	0.42	-22.80	-18.95	471.22
		0.0	-18.95	-5.16e-03	0.0	45.0	-3.31	-11.27	0.42	-22.80	0.0	0.0
3733	3	435.53	0.0	0.02	-1.60	0.0	-3.03	-8.88	0.39	-21.21	-17.64	435.53
		0.0	-17.64	-4.80e-03	0.0	45.0	-3.03	-10.48	0.39	-21.21	0.0	0.0
3733	4	364.07	0.0	0.02	-1.60	0.0	-2.54	-7.29	0.33	-18.11	-15.05	364.07
		0.0	-15.05	-4.11e-03	0.0	45.0	-2.54	-8.89	0.33	-18.11	0.0	0.0
3733	5	364.07	0.0	0.02	-1.60	0.0	-2.54	-7.29	0.33	-18.11	-15.05	364.07
		0.0	-15.05	-4.11e-03	0.0	45.0	-2.54	-8.89	0.33	-18.11	0.0	0.0
3734	1	499.24	0.0	0.01	-2.08	0.0	-102.65	-10.05	3.56e-03	-27.25	-0.16	499.24
		0.0	-0.16	-1.58e-03	0.0	45.0	-102.65	-12.13	3.56e-03	-27.25	0.0	0.0
3734	2	406.26	0.0	8.76e-03	-1.60	0.0	-83.63	-8.23	2.88e-03	-22.04	-0.13	406.26
		0.0	-0.13	-1.28e-03	0.0	45.0	-83.63	-9.83	2.88e-03	-22.04	0.0	0.0
3734	3	374.18	0.0	8.05e-03	-1.60	0.0	-76.92	-7.51	2.56e-03	-20.48	-0.12	374.18
		0.0	-0.12	-1.19e-03	0.0	45.0	-76.92	-9.12	2.56e-03	-20.48	0.0	0.0
3734	4	309.96	0.0	6.63e-03	-1.60	0.0	-63.34	-6.09	1.73e-03	-17.35	-0.08	309.96
		0.0	-0.08	-1.02e-03	0.0	45.0	-63.34	-7.69	1.73e-03	-17.35	0.0	0.0
3734	5	309.96	0.0	6.63e-03	-1.60	0.0	-63.34	-6.09	1.73e-03	-17.35	-0.08	309.96
		0.0	-0.08	-1.02e-03	0.0	45.0	-63.34	-7.69	1.73e-03	-17.35	0.0	0.0
3735	1	515.02	2.28	0.01	-2.08	0.0	-228.00	-10.40	-0.05	4.35	2.28	515.02
		0.0	0.0	-1.58e-03	0.0	45.0	-228.00	-12.49	-0.05	4.35	0.0	0.0
3735	2	418.89	1.85	9.04e-03	-1.60	0.0	-184.57	-8.51	-0.04	3.53	1.85	418.89
		0.0	0.0	-1.27e-03	0.0	45.0	-184.57	-10.11	-0.04	3.53	0.0	0.0
3735	3	386.06	1.71	8.32e-03	-1.60	0.0	-171.43	-7.78	-0.04	3.26	1.71	386.06

		0.0	0.0	-1.20e-03	0.0	45.0	-171.43	-9.38	-0.04	3.26	0.0	0.0
3735	4	320.41	1.44	6.89e-03	-1.60	0.0	-144.80	-6.32	-0.03	2.71	1.44	320.41
		0.0	0.0	-1.03e-03	0.0	45.0	-144.80	-7.92	-0.03	2.71	0.0	0.0
3735	5	320.41	1.44	6.89e-03	-1.60	0.0	-144.80	-6.32	-0.03	2.71	1.44	320.41
		0.0	0.0	-1.03e-03	0.0	45.0	-144.80	-7.92	-0.03	2.71	0.0	0.0
3736	1	532.11	18.59	0.01	-2.08	0.0	-336.77	-10.78	-0.41	32.33	18.59	532.11
		0.0	0.0	2.08e-04	0.0	45.0	-336.77	-12.86	-0.41	32.33	0.0	0.0
3736	2	432.64	15.05	0.01	-1.60	0.0	-272.82	-8.81	-0.33	26.17	15.05	432.64
		0.0	0.0	1.69e-04	0.0	45.0	-272.82	-10.41	-0.33	26.17	0.0	0.0
3736	3	398.97	13.97	9.88e-03	-1.60	0.0	-253.16	-8.07	-0.31	24.27	13.97	398.97
		0.0	0.0	1.57e-04	0.0	45.0	-253.16	-9.67	-0.31	24.27	0.0	0.0
3736	4	331.58	11.78	8.24e-03	-1.60	0.0	-213.33	-6.57	-0.26	20.47	11.78	331.58
		0.0	0.0	1.24e-04	0.0	45.0	-213.33	-8.17	-0.26	20.47	0.0	0.0
3736	5	331.58	11.78	8.24e-03	-1.60	0.0	-213.33	-6.57	-0.26	20.47	11.78	331.58
		0.0	0.0	1.24e-04	0.0	45.0	-213.33	-8.17	-0.26	20.47	0.0	0.0
3737	1	553.74	18.45	0.02	-2.08	0.0	-356.19	-11.27	-0.41	17.57	18.45	553.74
		0.0	0.0	4.21e-04	0.0	45.0	-356.19	-13.35	-0.41	17.57	0.0	0.0
3737	2	450.20	14.93	0.01	-1.60	0.0	-289.18	-9.20	-0.33	14.20	14.93	450.20
		0.0	0.0	3.41e-04	0.0	45.0	-289.18	-10.80	-0.33	14.20	0.0	0.0
3737	3	415.21	13.86	0.01	-1.60	0.0	-267.46	-8.43	-0.31	13.19	13.86	415.21
		0.0	0.0	3.14e-04	0.0	45.0	-267.46	-10.03	-0.31	13.19	0.0	0.0
3737	4	345.19	11.72	0.01	-1.60	0.0	-223.63	-6.87	-0.26	11.18	11.72	345.19
		0.0	0.0	2.58e-04	0.0	45.0	-223.63	-8.47	-0.26	11.18	0.0	0.0
3737	5	345.19	11.72	0.01	-1.60	0.0	-223.63	-6.87	-0.26	11.18	11.72	345.19
		0.0	0.0	2.58e-04	0.0	45.0	-223.63	-8.47	-0.26	11.18	0.0	0.0
3738	1	551.92	20.33	0.02	-2.08	0.0	-295.10	-11.22	-0.45	13.16	20.33	551.92
		0.0	0.0	-2.10e-04	0.0	45.0	-295.10	-13.30	-0.45	13.16	0.0	0.0
3738	2	448.80	16.44	0.02	-1.60	0.0	-240.30	-9.17	-0.37	10.63	16.44	448.80
		0.0	0.0	-1.68e-04	0.0	45.0	-240.30	-10.77	-0.37	10.63	0.0	0.0
3738	3	413.79	15.27	0.01	-1.60	0.0	-221.33	-8.40	-0.34	9.91	15.27	413.79
		0.0	0.0	-1.62e-04	0.0	45.0	-221.33	-10.00	-0.34	9.91	0.0	0.0
3738	4	343.73	12.93	0.01	-1.60	0.0	-182.97	-6.84	-0.29	8.44	12.93	343.73
		0.0	0.0	-1.44e-04	0.0	45.0	-182.97	-8.44	-0.29	8.44	0.0	0.0
3738	5	343.73	12.93	0.01	-1.60	0.0	-182.97	-6.84	-0.29	8.44	12.93	343.73
		0.0	0.0	-1.44e-04	0.0	45.0	-182.97	-8.44	-0.29	8.44	0.0	0.0
3739	1	521.65	1.85	0.02	-2.08	0.0	-306.01	-10.55	-0.04	-19.26	1.85	521.65
		0.0	0.0	-1.46e-03	0.0	45.0	-306.01	-12.63	-0.04	-19.26	0.0	0.0
3739	2	424.49	1.49	0.01	-1.60	0.0	-249.03	-8.63	-0.03	-15.59	1.49	424.49
		0.0	0.0	-1.18e-03	0.0	45.0	-249.03	-10.23	-0.03	-15.59	0.0	0.0
3739	3	390.99	1.44	0.01	-1.60	0.0	-229.44	-7.89	-0.03	-14.38	1.44	390.99
		0.0	0.0	-1.09e-03	0.0	45.0	-229.44	-9.49	-0.03	-14.38	0.0	0.0
3739	4	323.92	1.25	0.01	-1.60	0.0	-189.98	-6.40	-0.03	-12.09	1.25	323.92
		0.0	0.0	-9.35e-04	0.0	45.0	-189.98	-8.00	-0.03	-12.09	0.0	0.0
3739	5	323.92	1.25	0.01	-1.60	0.0	-189.98	-6.40	-0.03	-12.09	1.25	323.92
		0.0	0.0	-9.35e-04	0.0	45.0	-189.98	-8.00	-0.03	-12.09	0.0	0.0
3740	1	549.94	3.68	0.02	-2.08	0.0	-459.98	-11.18	-0.08	10.01	3.68	549.94
		0.0	0.0	-1.63e-03	0.0	45.0	-459.98	-13.26	-0.08	10.01	0.0	0.0
3740	2	447.27	2.97	0.02	-1.60	0.0	-373.22	-9.14	-0.07	8.07	2.97	447.27
		0.0	0.0	-1.31e-03	0.0	45.0	-373.22	-10.74	-0.07	8.07	0.0	0.0
3740	3	412.30	2.76	0.02	-1.60	0.0	-345.34	-8.36	-0.06	7.48	2.76	412.30
		0.0	0.0	-1.23e-03	0.0	45.0	-345.34	-9.96	-0.06	7.48	0.0	0.0
3740	4	342.27	2.38	0.01	-1.60	0.0	-289.25	-6.81	-0.05	6.42	2.38	342.27
		0.0	0.0	-1.06e-03	0.0	45.0	-289.25	-8.41	-0.05	6.42	0.0	0.0
3740	5	342.27	2.38	0.01	-1.60	0.0	-289.25	-6.81	-0.05	6.42	2.38	342.27
		0.0	0.0	-1.06e-03	0.0	45.0	-289.25	-8.41	-0.05	6.42	0.0	0.0
3741	1	581.78	23.47	0.03	-2.08	0.0	-429.44	-11.89	-0.52	44.47	23.47	581.78
		0.0	0.0	-6.98e-04	0.0	45.0	-429.44	-13.97	-0.52	44.47	0.0	0.0
3741	2	472.95	18.95	0.02	-1.60	0.0	-348.43	-9.71	-0.42	35.91	18.95	472.95
		0.0	0.0	-5.61e-04	0.0	45.0	-348.43	-11.31	-0.42	35.91	0.0	0.0
3741	3	436.24	17.64	0.02	-1.60	0.0	-322.35	-8.89	-0.39	33.41	17.64	436.24
		0.0	0.0	-5.25e-04	0.0	45.0	-322.35	-10.49	-0.39	33.41	0.0	0.0
3741	4	362.80	15.05	0.02	-1.60	0.0	-270.07	-7.26	-0.33	28.50	15.05	362.80
		0.0	0.0	-4.58e-04	0.0	45.0	-270.07	-8.86	-0.33	28.50	0.0	0.0
3741	5	362.80	15.05	0.02	-1.60	0.0	-270.07	-7.26	-0.33	28.50	15.05	362.80
		0.0	0.0	-4.58e-04	0.0	45.0	-270.07	-8.86	-0.33	28.50	0.0	0.0
3742	1	539.79	2.86	0.01	-2.08	0.0	-235.93	-10.96	-0.06	7.79	2.86	539.79
		0.0	0.0	-1.39e-03	0.0	45.0	-235.93	-13.04	-0.06	7.79	0.0	0.0
3742	2	438.83	2.30	0.01	-1.60	0.0	-190.96	-8.95	-0.05	6.29	2.30	438.83
		0.0	0.0	-1.12e-03	0.0	45.0	-190.96	-10.55	-0.05	6.29	0.0	0.0
3742	3	404.65	2.14	0.01	-1.60	0.0	-177.26	-8.19	-0.05	5.83	2.14	404.65
		0.0	0.0	-1.05e-03	0.0	45.0	-177.26	-9.79	-0.05	5.83	0.0	0.0
3742	4	336.27	1.79	9.12e-03	-1.60	0.0	-149.67	-6.67	-0.04	4.89	1.79	336.27
		0.0	0.0	-9.14e-04	0.0	45.0	-149.67	-8.27	-0.04	4.89	0.0	0.0
3742	5	336.27	1.79	9.12e-03	-1.60	0.0	-149.67	-6.67	-0.04	4.89	1.79	336.27
		0.0	0.0	-9.14e-04	0.0	45.0	-149.67	-8.27	-0.04	4.89	0.0	0.0
3743	1	549.46	24.32	0.02	-2.08	0.0	-134.80	-11.17	-0.54	42.36	24.32	549.46
		0.0	0.0	-6.42e-04	0.0	45.0	-134.80	-13.25	-0.54	42.36	0.0	0.0

3743	2	446.66	19.66	0.01	-1.60	0.0	-109.62	-9.13	-0.44	34.25	19.66	446.66
		0.0	0.0	-5.13e-04	0.0	45.0	-109.62	-10.73	-0.44	34.25	0.0	0.0
3743	3	412.03	18.27	0.01	-1.60	0.0	-101.22	-8.36	-0.41	31.83	18.27	412.03
		0.0	0.0	-4.83e-04	0.0	45.0	-101.22	-9.96	-0.41	31.83	0.0	0.0
3743	4	342.72	15.52	0.01	-1.60	0.0	-84.07	-6.82	-0.34	27.03	15.52	342.72
		0.0	0.0	-4.25e-04	0.0	45.0	-84.07	-8.42	-0.34	27.03	0.0	0.0
3743	5	342.72	15.52	0.01	-1.60	0.0	-84.07	-6.82	-0.34	27.03	15.52	342.72
		0.0	0.0	-4.25e-04	0.0	45.0	-84.07	-8.42	-0.34	27.03	0.0	0.0
3793	1	438.50	0.0	-0.02	-2.08	0.0	-5.35	10.78	-0.49	32.94	0.0	0.0
		0.0	-21.98	2.07e-03	0.0	45.0	-5.35	8.70	-0.49	32.94	-21.98	438.50
3793	2	356.12	0.0	-0.02	-1.60	0.0	-4.34	8.71	-0.39	26.60	0.0	0.0
		0.0	-17.74	1.68e-03	0.0	45.0	-4.34	7.11	-0.39	26.60	-17.74	356.12
3793	3	328.96	0.0	-0.02	-1.60	0.0	-4.03	8.11	-0.37	24.80	0.0	0.0
		0.0	-16.53	1.56e-03	0.0	45.0	-4.03	6.51	-0.37	24.80	-16.53	328.96
3793	4	274.61	0.0	-0.02	-1.60	0.0	-3.39	6.90	-0.31	21.19	0.0	0.0
		0.0	-14.10	1.32e-03	0.0	45.0	-3.39	5.30	-0.31	21.19	-14.10	274.61
3793	5	274.61	0.0	-0.02	-1.60	0.0	-3.39	6.90	-0.31	21.19	0.0	0.0
		0.0	-14.10	1.32e-03	0.0	45.0	-3.39	5.30	-0.31	21.19	-14.10	274.61
3794	1	496.20	0.0	-0.02	-2.08	0.0	175.05	12.07	-0.19	11.62	0.0	0.0
		0.0	-8.42	-9.09e-04	0.0	45.0	175.05	9.99	-0.19	11.62	-8.42	496.20
3794	2	403.22	0.0	-0.02	-1.60	0.0	141.41	9.76	-0.15	9.36	0.0	0.0
		0.0	-6.79	-7.31e-04	0.0	45.0	141.41	8.16	-0.15	9.36	-6.79	403.22
3794	3	372.14	0.0	-0.02	-1.60	0.0	131.69	9.07	-0.14	8.74	0.0	0.0
		0.0	-6.34	-6.85e-04	0.0	45.0	131.69	7.47	-0.14	8.74	-6.34	372.14
3794	4	309.98	0.0	-0.01	-1.60	0.0	112.15	7.69	-0.12	7.53	0.0	0.0
		0.0	-5.43	-5.95e-04	0.0	45.0	112.15	6.09	-0.12	7.53	-5.43	309.98
3794	5	309.98	0.0	-0.01	-1.60	0.0	112.15	7.69	-0.12	7.53	0.0	0.0
		0.0	-5.43	-5.95e-04	0.0	45.0	112.15	6.09	-0.12	7.53	-5.43	309.98
3795	1	499.97	0.0	-0.02	-2.08	0.0	142.65	12.15	-0.26	12.09	0.0	0.0
		0.0	-11.54	-4.90e-03	0.0	45.0	142.65	10.07	-0.26	12.09	-11.54	499.97
3795	2	406.30	0.0	-0.01	-1.60	0.0	115.11	9.83	-0.21	9.73	0.0	0.0
		0.0	-9.33	-3.96e-03	0.0	45.0	115.11	8.23	-0.21	9.73	-9.33	406.30
3795	3	374.94	0.0	-0.01	-1.60	0.0	107.44	9.13	-0.19	9.11	0.0	0.0
		0.0	-8.68	-3.69e-03	0.0	45.0	107.44	7.53	-0.19	9.11	-8.68	374.94
3795	4	312.26	0.0	-0.01	-1.60	0.0	91.89	7.74	-0.16	7.86	0.0	0.0
		0.0	-7.40	-3.14e-03	0.0	45.0	91.89	6.14	-0.16	7.86	-7.40	312.26
3795	5	312.26	0.0	-0.01	-1.60	0.0	91.89	7.74	-0.16	7.86	0.0	0.0
		0.0	-7.40	-3.14e-03	0.0	45.0	91.89	6.14	-0.16	7.86	-7.40	312.26
3796	1	513.99	0.0	-0.02	-2.08	0.0	6.47	12.46	-0.52	39.70	0.0	0.0
		0.0	-23.45	-1.05e-03	0.0	45.0	6.47	10.38	-0.52	39.70	-23.45	513.99
3796	2	417.52	0.0	-0.01	-1.60	0.0	5.18	10.08	-0.42	32.09	0.0	0.0
		0.0	-18.96	-8.48e-04	0.0	45.0	5.18	8.48	-0.42	32.09	-18.96	417.52
3796	3	385.54	0.0	-0.01	-1.60	0.0	4.90	9.37	-0.39	29.86	0.0	0.0
		0.0	-17.63	-7.92e-04	0.0	45.0	4.90	7.77	-0.39	29.86	-17.63	385.54
3796	4	321.54	0.0	-9.45e-03	-1.60	0.0	4.36	7.95	-0.33	25.35	0.0	0.0
		0.0	-14.97	-6.84e-04	0.0	45.0	4.36	6.35	-0.33	25.35	-14.97	321.54
3796	5	321.54	0.0	-9.45e-03	-1.60	0.0	4.36	7.95	-0.33	25.35	0.0	0.0
		0.0	-14.97	-6.84e-04	0.0	45.0	4.36	6.35	-0.33	25.35	-14.97	321.54
3797	1	511.29	0.0	-0.01	-2.08	0.0	-87.02	12.40	-0.49	42.97	0.0	0.0
		0.0	-22.20	3.00e-03	0.0	45.0	-87.02	10.32	-0.49	42.97	-22.20	511.29
3797	2	415.33	0.0	-0.01	-1.60	0.0	-70.53	10.03	-0.40	34.78	0.0	0.0
		0.0	-17.94	2.42e-03	0.0	45.0	-70.53	8.43	-0.40	34.78	-17.94	415.33
3797	3	383.52	0.0	-0.01	-1.60	0.0	-65.39	9.32	-0.37	32.34	0.0	0.0
		0.0	-16.68	2.25e-03	0.0	45.0	-65.39	7.72	-0.37	32.34	-16.68	383.52
3797	4	319.85	0.0	-9.17e-03	-1.60	0.0	-54.97	7.91	-0.32	27.40	0.0	0.0
		0.0	-14.18	1.89e-03	0.0	45.0	-54.97	6.31	-0.32	27.40	-14.18	319.85
3797	5	319.85	0.0	-9.17e-03	-1.60	0.0	-54.97	7.91	-0.32	27.40	0.0	0.0
		0.0	-14.18	1.89e-03	0.0	45.0	-54.97	6.31	-0.32	27.40	-14.18	319.85
3798	1	492.08	0.0	-0.01	-2.08	0.0	-120.56	11.98	-0.24	14.79	0.0	0.0
		0.0	-10.89	-1.26e-03	0.0	45.0	-120.56	9.90	-0.24	14.79	-10.89	492.08
3798	2	399.89	0.0	-0.01	-1.60	0.0	-97.98	9.69	-0.20	11.92	0.0	0.0
		0.0	-8.79	-1.02e-03	0.0	45.0	-97.98	8.09	-0.20	11.92	-8.79	399.89
3798	3	369.04	0.0	-9.96e-03	-1.60	0.0	-90.43	9.00	-0.18	11.10	0.0	0.0
		0.0	-8.20	-9.51e-04	0.0	45.0	-90.43	7.40	-0.18	11.10	-8.20	369.04
3798	4	307.30	0.0	-8.35e-03	-1.60	0.0	-75.27	7.63	-0.16	9.46	0.0	0.0
		0.0	-7.01	-8.15e-04	0.0	45.0	-75.27	6.03	-0.16	9.46	-7.01	307.30
3798	5	307.30	0.0	-8.35e-03	-1.60	0.0	-75.27	7.63	-0.16	9.46	0.0	0.0
		0.0	-7.01	-8.15e-04	0.0	45.0	-75.27	6.03	-0.16	9.46	-7.01	307.30
3799	1	484.54	0.0	-0.01	-2.08	0.0	-172.53	11.81	-0.29	13.82	0.0	0.0
		0.0	-13.26	-5.39e-03	0.0	45.0	-172.53	9.73	-0.29	13.82	-13.26	484.54
3799	2	393.82	0.0	-0.01	-1.60	0.0	-140.05	9.55	-0.24	11.14	0.0	0.0
		0.0	-10.71	-4.35e-03	0.0	45.0	-140.05	7.95	-0.24	11.14	-10.71	393.82
3799	3	363.34	0.0	-9.53e-03	-1.60	0.0	-129.38	8.87	-0.22	10.39	0.0	0.0
		0.0	-9.97	-4.05e-03	0.0	45.0	-129.38	7.27	-0.22	10.39	-9.97	363.34
3799	4	302.38	0.0	-7.96e-03	-1.60	0.0	-108.16	7.52	-0.19	8.89	0.0	0.0
		0.0	-8.47	-3.46e-03	0.0	45.0	-108.16	5.92	-0.19	8.89	-8.47	302.38
3799	5	302.38	0.0	-7.96e-03	-1.60	0.0	-108.16	7.52	-0.19	8.89	0.0	0.0





		0.0	-8.47	-3.46e-03	0.0	45.0	-108.16	5.92	-0.19	8.89	-8.47	302.38
3800	1	502.79	0.0	-0.01	-2.08	0.0	-263.63	12.21	-0.57	42.01	0.0	0.0
		0.0	-25.69	-9.75e-04	0.0	45.0	-263.63	10.13	-0.57	42.01	-25.69	502.79
3800	2	408.47	0.0	-0.01	-1.60	0.0	-213.38	9.88	-0.46	33.94	0.0	0.0
		0.0	-20.76	-7.86e-04	0.0	45.0	-213.38	8.28	-0.46	33.94	-20.76	408.47
3800	3	377.11	0.0	-0.01	-1.60	0.0	-197.99	9.18	-0.43	31.57	0.0	0.0
		0.0	-19.31	-7.32e-04	0.0	45.0	-197.99	7.58	-0.43	31.57	-19.31	377.11
3800	4	314.40	0.0	-9.34e-03	-1.60	0.0	-167.38	7.79	-0.36	26.83	0.0	0.0
		0.0	-16.41	-6.28e-04	0.0	45.0	-167.38	6.19	-0.36	26.83	-16.41	314.40
3800	5	314.40	0.0	-9.34e-03	-1.60	0.0	-167.38	7.79	-0.36	26.83	0.0	0.0
		0.0	-16.41	-6.28e-04	0.0	45.0	-167.38	6.19	-0.36	26.83	-16.41	314.40
3801	1	522.49	0.0	-0.02	-2.08	0.0	-292.82	12.65	-0.53	45.02	0.0	0.0
		0.0	-23.83	3.59e-03	0.0	45.0	-292.82	10.57	-0.53	45.02	-23.83	522.49
3801	2	424.37	0.0	-0.01	-1.60	0.0	-236.93	10.23	-0.43	36.40	0.0	0.0
		0.0	-19.26	2.91e-03	0.0	45.0	-236.93	8.63	-0.43	36.40	-19.26	424.37
3801	3	391.91	0.0	-0.01	-1.60	0.0	-219.94	9.51	-0.40	33.83	0.0	0.0
		0.0	-17.92	2.70e-03	0.0	45.0	-219.94	7.91	-0.40	33.83	-17.92	391.91
3801	4	327.07	0.0	-0.01	-1.60	0.0	-186.22	8.07	-0.34	28.77	0.0	0.0
		0.0	-15.22	2.27e-03	0.0	45.0	-186.22	6.47	-0.34	28.77	-15.22	327.07
3801	5	327.07	0.0	-0.01	-1.60	0.0	-186.22	8.07	-0.34	28.77	0.0	0.0
		0.0	-15.22	2.27e-03	0.0	45.0	-186.22	6.47	-0.34	28.77	-15.22	327.07
3802	1	539.91	0.0	-0.02	-2.08	0.0	-221.11	13.04	-0.26	14.72	0.0	0.0
		0.0	-11.73	-1.08e-03	0.0	45.0	-221.11	10.96	-0.26	14.72	-11.73	539.91
3802	2	438.48	0.0	-0.02	-1.60	0.0	-179.24	10.54	-0.21	11.89	0.0	0.0
		0.0	-9.47	-8.69e-04	0.0	45.0	-179.24	8.94	-0.21	11.89	-9.47	438.48
3802	3	404.99	0.0	-0.01	-1.60	0.0	-165.86	9.80	-0.20	11.07	0.0	0.0
		0.0	-8.83	-8.17e-04	0.0	45.0	-165.86	8.20	-0.20	11.07	-8.83	404.99
3802	4	338.08	0.0	-0.01	-1.60	0.0	-139.48	8.31	-0.17	9.42	0.0	0.0
		0.0	-7.53	-7.01e-04	0.0	45.0	-139.48	6.71	-0.17	9.42	-7.53	338.08
3802	5	338.08	0.0	-0.01	-1.60	0.0	-139.48	8.31	-0.17	9.42	0.0	0.0
		0.0	-7.53	-7.01e-04	0.0	45.0	-139.48	6.71	-0.17	9.42	-7.53	338.08
3803	1	530.22	0.0	-0.02	-2.08	0.0	-56.66	12.82	-0.28	15.35	0.0	0.0
		0.0	-12.47	-3.24e-03	0.0	45.0	-56.66	10.74	-0.28	15.35	-12.47	530.22
3803	2	430.69	0.0	-0.01	-1.60	0.0	-46.57	10.37	-0.22	12.38	0.0	0.0
		0.0	-10.08	-2.62e-03	0.0	45.0	-46.57	8.77	-0.22	12.38	-10.08	430.69
3803	3	397.71	0.0	-0.01	-1.60	0.0	-42.16	9.64	-0.21	11.56	0.0	0.0
		0.0	-9.38	-2.43e-03	0.0	45.0	-42.16	8.04	-0.21	11.56	-9.38	397.71
3803	4	331.75	0.0	-0.01	-1.60	0.0	-33.63	8.17	-0.18	9.88	0.0	0.0
		0.0	-7.97	-2.06e-03	0.0	45.0	-33.63	6.57	-0.18	9.88	-7.97	331.75
3803	5	331.75	0.0	-0.01	-1.60	0.0	-33.63	8.17	-0.18	9.88	0.0	0.0
		0.0	-7.97	-2.06e-03	0.0	45.0	-33.63	6.57	-0.18	9.88	-7.97	331.75
3804	1	468.58	0.0	-0.01	-2.08	0.0	141.95	11.45	-0.45	37.31	0.0	0.0
		0.0	-20.22	-4.57e-04	0.0	45.0	141.95	9.37	-0.45	37.31	-20.22	468.58
3804	2	381.03	0.0	-8.63e-03	-1.60	0.0	113.80	9.27	-0.36	30.18	0.0	0.0
		0.0	-16.36	-3.66e-04	0.0	45.0	113.80	7.67	-0.36	30.18	-16.36	381.03
3804	3	351.28	0.0	-7.96e-03	-1.60	0.0	107.25	8.61	-0.34	28.04	0.0	0.0
		0.0	-15.19	-3.44e-04	0.0	45.0	107.25	7.01	-0.34	28.04	-15.19	351.28
3804	4	291.85	0.0	-6.63e-03	-1.60	0.0	93.83	7.29	-0.29	23.75	0.0	0.0
		0.0	-12.85	-3.03e-04	0.0	45.0	93.83	5.69	-0.29	23.75	-12.85	291.85
3804	5	291.85	0.0	-6.63e-03	-1.60	0.0	93.83	7.29	-0.29	23.75	0.0	0.0
		0.0	-12.85	-3.03e-04	0.0	45.0	93.83	5.69	-0.29	23.75	-12.85	291.85
3805	1	487.95	0.0	-8.05e-03	-2.08	0.0	50.84	11.88	-0.47	37.53	0.0	0.0
		0.0	-21.04	-1.20e-03	0.0	45.0	50.84	9.80	-0.47	37.53	-21.04	487.95
3805	2	396.69	0.0	-6.56e-03	-1.60	0.0	40.64	9.62	-0.38	30.37	0.0	0.0
		0.0	-17.01	-9.63e-04	0.0	45.0	40.64	8.02	-0.38	30.37	-17.01	396.69
3805	3	365.85	0.0	-6.04e-03	-1.60	0.0	38.53	8.93	-0.35	28.19	0.0	0.0
		0.0	-15.81	-9.05e-04	0.0	45.0	38.53	7.33	-0.35	28.19	-15.81	365.85
3805	4	304.21	0.0	-5.00e-03	-1.60	0.0	33.99	7.56	-0.30	23.85	0.0	0.0
		0.0	-13.40	-7.82e-04	0.0	45.0	33.99	5.96	-0.30	23.85	-13.40	304.21
3805	5	304.21	0.0	-5.00e-03	-1.60	0.0	33.99	7.56	-0.30	23.85	0.0	0.0
		0.0	-13.40	-7.82e-04	0.0	45.0	33.99	5.96	-0.30	23.85	-13.40	304.21
3806	1	549.31	0.0	-0.01	-2.08	0.0	-165.98	13.25	-0.44	44.21	0.0	0.0
		0.0	-19.76	2.28e-03	0.0	45.0	-165.98	11.17	-0.44	44.21	-19.76	549.31
3806	2	446.11	0.0	-9.54e-03	-1.60	0.0	-133.66	10.71	-0.35	35.75	0.0	0.0
		0.0	-15.97	1.85e-03	0.0	45.0	-133.66	9.11	-0.35	35.75	-15.97	446.11
3806	3	412.05	0.0	-8.84e-03	-1.60	0.0	-124.90	9.96	-0.33	33.24	0.0	0.0
		0.0	-14.85	1.70e-03	0.0	45.0	-124.90	8.36	-0.33	33.24	-14.85	412.05
3806	4	343.98	0.0	-7.44e-03	-1.60	0.0	-107.68	8.44	-0.28	28.16	0.0	0.0
		0.0	-12.61	1.42e-03	0.0	45.0	-107.68	6.84	-0.28	28.16	-12.61	343.98
3806	5	343.98	0.0	-7.44e-03	-1.60	0.0	-107.68	8.44	-0.28	28.16	0.0	0.0
		0.0	-12.61	1.42e-03	0.0	45.0	-107.68	6.84	-0.28	28.16	-12.61	343.98
3807	1	536.02	0.0	-0.01	-2.08	0.0	-137.03	12.95	-0.19	17.78	0.0	0.0
		0.0	-8.41	-2.12e-03	0.0	45.0	-137.03	10.87	-0.19	17.78	-8.41	536.02
3807	2	435.38	0.0	-9.79e-03	-1.60	0.0	-110.08	10.48	-0.15	14.35	0.0	0.0
		0.0	-6.78	-1.71e-03	0.0	45.0	-110.08	8.88	-0.15	14.35	-6.78	435.38
3807	3	402.06	0.0	-9.09e-03	-1.60	0.0	-103.28	9.73	-0.14	13.41	0.0	0.0
		0.0	-6.35	-1.59e-03	0.0	45.0	-103.28	8.13	-0.14	13.41	-6.35	402.06

3807	4	335.49	0.0	-7.70e-03	-1.60	0.0	-89.87	8.26	-0.12	11.47	0.0	0.0
		0.0	-5.44	-1.37e-03	0.0	45.0	-89.87	6.66	-0.12	11.47	-5.44	335.49
3807	5	335.49	0.0	-7.70e-03	-1.60	0.0	-89.87	8.26	-0.12	11.47	0.0	0.0
		0.0	-5.44	-1.37e-03	0.0	45.0	-89.87	6.66	-0.12	11.47	-5.44	335.49
3808	1	449.31	0.0	-7.20e-03	-2.08	0.0	21.42	11.02	-0.21	15.61	0.0	0.0
		0.0	-9.52	-5.94e-03	0.0	45.0	21.42	8.94	-0.21	15.61	-9.52	449.31
3808	2	365.15	0.0	-5.82e-03	-1.60	0.0	17.79	8.91	-0.17	12.57	0.0	0.0
		0.0	-7.69	-4.79e-03	0.0	45.0	17.79	7.31	-0.17	12.57	-7.69	365.15
3808	3	336.94	0.0	-5.42e-03	-1.60	0.0	15.91	8.29	-0.16	11.76	0.0	0.0
		0.0	-7.16	-4.46e-03	0.0	45.0	15.91	6.69	-0.16	11.76	-7.16	336.94
3808	4	280.50	0.0	-4.61e-03	-1.60	0.0	12.12	7.03	-0.14	10.09	0.0	0.0
		0.0	-6.13	-3.81e-03	0.0	45.0	12.12	5.43	-0.14	10.09	-6.13	280.50
3808	5	280.50	0.0	-4.61e-03	-1.60	0.0	12.12	7.03	-0.14	10.09	0.0	0.0
		0.0	-6.13	-3.81e-03	0.0	45.0	12.12	5.43	-0.14	10.09	-6.13	280.50
3809	1	454.51	3.65	-2.34e-03	-2.08	0.0	-395.57	-9.06	-0.08	-17.83	3.65	454.51
		0.0	0.0	-1.61e-03	0.0	45.0	-395.57	-11.14	-0.08	-17.83	0.0	0.0
3809	2	369.63	2.94	-1.89e-03	-1.60	0.0	-320.76	-7.41	-0.07	-14.41	2.94	369.63
		0.0	0.0	-1.30e-03	0.0	45.0	-320.76	-9.01	-0.07	-14.41	0.0	0.0
3809	3	340.72	2.75	-1.76e-03	-1.60	0.0	-296.99	-6.77	-0.06	-13.40	2.75	340.72
		0.0	0.0	-1.21e-03	0.0	45.0	-296.99	-8.37	-0.06	-13.40	0.0	0.0
3809	4	282.92	2.39	-1.51e-03	-1.60	0.0	-249.39	-5.49	-0.05	-11.37	2.39	282.92
		0.0	0.0	-1.04e-03	0.0	45.0	-249.39	-7.09	-0.05	-11.37	0.0	0.0
3809	5	282.92	2.39	-1.51e-03	-1.60	0.0	-249.39	-5.49	-0.05	-11.37	2.39	282.92
		0.0	0.0	-1.04e-03	0.0	45.0	-249.39	-7.09	-0.05	-11.37	0.0	0.0
3810	1	11.70	0.0	6.69e-03	-2.08	0.0	-483.42	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	6.87e-04	0.0	45.0	-483.42	-1.04	0.0	0.0	0.0	0.0
3810	2	9.00	0.0	5.44e-03	-1.60	0.0	-391.76	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	5.57e-04	0.0	45.0	-391.76	-0.80	0.0	0.0	0.0	0.0
3810	3	9.00	0.0	5.01e-03	-1.60	0.0	-363.15	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	5.11e-04	0.0	45.0	-363.15	-0.80	0.0	0.0	0.0	0.0
3810	4	9.00	0.0	4.15e-03	-1.60	0.0	-305.69	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	4.40e-04	0.0	45.0	-305.69	-0.80	0.0	0.0	0.0	0.0
3810	5	9.00	0.0	4.15e-03	-1.60	0.0	-305.69	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	4.40e-04	0.0	45.0	-305.69	-0.80	0.0	0.0	0.0	0.0
3811	1	11.70	0.0	0.01	-2.08	0.0	-398.70	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	6.63e-03	0.0	45.0	-398.70	-1.04	0.0	0.0	0.0	0.0
3811	2	9.00	0.0	8.87e-03	-1.60	0.0	-323.30	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	5.36e-03	0.0	45.0	-323.30	-0.80	0.0	0.0	0.0	0.0
3811	3	9.00	0.0	8.20e-03	-1.60	0.0	-299.43	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	4.98e-03	0.0	45.0	-299.43	-0.80	0.0	0.0	0.0	0.0
3811	4	9.00	0.0	6.86e-03	-1.60	0.0	-251.52	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	4.21e-03	0.0	45.0	-251.52	-0.80	0.0	0.0	0.0	0.0
3811	5	9.00	0.0	6.86e-03	-1.60	0.0	-251.52	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	4.21e-03	0.0	45.0	-251.52	-0.80	0.0	0.0	0.0	0.0
3812	1	11.70	0.0	0.01	-2.08	0.0	-287.60	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	3.88e-03	0.0	45.0	-287.60	-1.04	0.0	0.0	0.0	0.0
3812	2	9.00	0.0	9.94e-03	-1.60	0.0	-233.45	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	3.14e-03	0.0	45.0	-233.45	-0.80	0.0	0.0	0.0	0.0
3812	3	9.00	0.0	9.18e-03	-1.60	0.0	-215.76	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	2.92e-03	0.0	45.0	-215.76	-0.80	0.0	0.0	0.0	0.0
3812	4	9.00	0.0	7.66e-03	-1.60	0.0	-180.36	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	2.46e-03	0.0	45.0	-180.36	-0.80	0.0	0.0	0.0	0.0
3812	5	9.00	0.0	7.66e-03	-1.60	0.0	-180.36	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	2.46e-03	0.0	45.0	-180.36	-0.80	0.0	0.0	0.0	0.0
3813	1	11.70	0.0	0.01	-2.08	0.0	-230.55	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	-1.99e-03	0.0	45.0	-230.55	-1.04	0.0	0.0	0.0	0.0
3813	2	9.00	0.0	0.01	-1.60	0.0	-187.07	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	-1.61e-03	0.0	45.0	-187.07	-0.80	0.0	0.0	0.0	0.0
3813	3	9.00	0.0	9.36e-03	-1.60	0.0	-172.92	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	-1.49e-03	0.0	45.0	-172.92	-0.80	0.0	0.0	0.0	0.0
3813	4	9.00	0.0	7.80e-03	-1.60	0.0	-144.62	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	-1.26e-03	0.0	45.0	-144.62	-0.80	0.0	0.0	0.0	0.0
3813	5	9.00	0.0	7.80e-03	-1.60	0.0	-144.62	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	-1.26e-03	0.0	45.0	-144.62	-0.80	0.0	0.0	0.0	0.0
3814	1	11.70	0.0	0.01	-2.08	0.0	-187.64	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	8.45e-04	0.0	45.0	-187.64	-1.04	0.0	0.0	0.0	0.0
3814	2	9.00	0.0	0.01	-1.60	0.0	-152.19	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	6.83e-04	0.0	45.0	-152.19	-0.80	0.0	0.0	0.0	0.0
3814	3	9.00	0.0	9.79e-03	-1.60	0.0	-140.82	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	6.22e-04	0.0	45.0	-140.82	-0.80	0.0	0.0	0.0	0.0
3814	4	9.00	0.0	8.17e-03	-1.60	0.0	-117.93	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	5.03e-04	0.0	45.0	-117.93	-0.80	0.0	0.0	0.0	0.0
3814	5	9.00	0.0	8.17e-03	-1.60	0.0	-117.93	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	5.03e-04	0.0	45.0	-117.93	-0.80	0.0	0.0	0.0	0.0
3815	1	11.70	0.0	0.01	-2.08	0.0	-116.67	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	6.52e-03	0.0	45.0	-116.67	-1.04	0.0	0.0	0.0	0.0
3815	2	9.00	0.0	0.01	-1.60	0.0	-94.95	0.80	0.0	0.0	0.0	0.0





		0.0	0.0	5.27e-03	0.0	45.0	-94.95	-0.80	0.0	0.0	0.0	0.0
3815	3	9.00	0.0	9.82e-03	-1.60	0.0	-87.46	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	4.89e-03	0.0	45.0	-87.46	-0.80	0.0	0.0	0.0	0.0
3815	4	9.00	0.0	8.21e-03	-1.60	0.0	-72.30	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	4.15e-03	0.0	45.0	-72.30	-0.80	0.0	0.0	0.0	0.0
3815	5	9.00	0.0	8.21e-03	-1.60	0.0	-72.30	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	4.15e-03	0.0	45.0	-72.30	-0.80	0.0	0.0	0.0	0.0
3816	1	11.70	0.0	0.01	-2.08	0.0	-60.33	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	3.65e-03	0.0	45.0	-60.33	-1.04	0.0	0.0	0.0	0.0
3816	2	9.00	0.0	9.14e-03	-1.60	0.0	-49.61	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	2.95e-03	0.0	45.0	-49.61	-0.80	0.0	0.0	0.0	0.0
3816	3	9.00	0.0	8.43e-03	-1.60	0.0	-44.87	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	2.75e-03	0.0	45.0	-44.87	-0.80	0.0	0.0	0.0	0.0
3816	4	9.00	0.0	7.01e-03	-1.60	0.0	-35.69	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	2.33e-03	0.0	45.0	-35.69	-0.80	0.0	0.0	0.0	0.0
3816	5	9.00	0.0	7.01e-03	-1.60	0.0	-35.69	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	2.33e-03	0.0	45.0	-35.69	-0.80	0.0	0.0	0.0	0.0
3817	1	11.70	0.0	8.98e-03	-2.08	0.0	-82.87	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	-2.07e-03	0.0	45.0	-82.87	-1.04	0.0	0.0	0.0	0.0
3817	2	9.00	0.0	7.32e-03	-1.60	0.0	-67.79	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	-1.68e-03	0.0	45.0	-67.79	-0.80	0.0	0.0	0.0	0.0
3817	3	9.00	0.0	6.73e-03	-1.60	0.0	-61.68	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	-1.56e-03	0.0	45.0	-61.68	-0.80	0.0	0.0	0.0	0.0
3817	4	9.00	0.0	5.54e-03	-1.60	0.0	-50.18	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	-1.32e-03	0.0	45.0	-50.18	-0.80	0.0	0.0	0.0	0.0
3817	5	9.00	0.0	5.54e-03	-1.60	0.0	-50.18	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	-1.32e-03	0.0	45.0	-50.18	-0.80	0.0	0.0	0.0	0.0
3818	1	11.70	0.0	7.85e-03	-2.08	0.0	-187.39	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	3.28e-04	0.0	45.0	-187.39	-1.04	0.0	0.0	0.0	0.0
3818	2	9.00	0.0	6.41e-03	-1.60	0.0	-152.10	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	2.69e-04	0.0	45.0	-152.10	-0.80	0.0	0.0	0.0	0.0
3818	3	9.00	0.0	5.88e-03	-1.60	0.0	-140.44	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	2.37e-04	0.0	45.0	-140.44	-0.80	0.0	0.0	0.0	0.0
3818	4	9.00	0.0	4.82e-03	-1.60	0.0	-117.65	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	1.86e-04	0.0	45.0	-117.65	-0.80	0.0	0.0	0.0	0.0
3818	5	9.00	0.0	4.82e-03	-1.60	0.0	-117.65	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	1.86e-04	0.0	45.0	-117.65	-0.80	0.0	0.0	0.0	0.0
3819	1	11.70	0.0	9.33e-03	-2.08	0.0	-361.17	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	5.84e-03	0.0	45.0	-361.17	-1.04	0.0	0.0	0.0	0.0
3819	2	9.00	0.0	7.60e-03	-1.60	0.0	-292.39	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	4.73e-03	0.0	45.0	-292.39	-0.80	0.0	0.0	0.0	0.0
3819	3	9.00	0.0	6.99e-03	-1.60	0.0	-271.20	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	4.39e-03	0.0	45.0	-271.20	-0.80	0.0	0.0	0.0	0.0
3819	4	9.00	0.0	5.77e-03	-1.60	0.0	-229.19	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	3.70e-03	0.0	45.0	-229.19	-0.80	0.0	0.0	0.0	0.0
3819	5	9.00	0.0	5.77e-03	-1.60	0.0	-229.19	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	3.70e-03	0.0	45.0	-229.19	-0.80	0.0	0.0	0.0	0.0
3820	1	11.70	0.0	0.02	-2.08	0.0	-410.50	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	5.06e-03	0.0	45.0	-410.50	-1.04	0.0	0.0	0.0	0.0
3820	2	9.00	0.0	0.01	-1.60	0.0	-332.39	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	4.09e-03	0.0	45.0	-332.39	-0.80	0.0	0.0	0.0	0.0
3820	3	9.00	0.0	0.01	-1.60	0.0	-308.23	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	3.80e-03	0.0	45.0	-308.23	-0.80	0.0	0.0	0.0	0.0
3820	4	9.00	0.0	9.74e-03	-1.60	0.0	-260.35	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	3.22e-03	0.0	45.0	-260.35	-0.80	0.0	0.0	0.0	0.0
3820	5	9.00	0.0	9.74e-03	-1.60	0.0	-260.35	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	3.22e-03	0.0	45.0	-260.35	-0.80	0.0	0.0	0.0	0.0
3821	1	11.70	0.0	0.02	-2.08	0.0	-265.04	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	4.49e-03	0.0	45.0	-265.04	-1.04	0.0	0.0	0.0	0.0
3821	2	9.00	0.0	0.02	-1.60	0.0	-215.43	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	3.63e-03	0.0	45.0	-215.43	-0.80	0.0	0.0	0.0	0.0
3821	3	9.00	0.0	0.01	-1.60	0.0	-198.65	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	3.37e-03	0.0	45.0	-198.65	-0.80	0.0	0.0	0.0	0.0
3821	4	9.00	0.0	0.01	-1.60	0.0	-165.40	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	2.85e-03	0.0	45.0	-165.40	-0.80	0.0	0.0	0.0	0.0
3821	5	9.00	0.0	0.01	-1.60	0.0	-165.40	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	2.85e-03	0.0	45.0	-165.40	-0.80	0.0	0.0	0.0	0.0
3822	1	11.70	0.0	0.02	-2.08	0.0	-172.65	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	-1.30e-03	0.0	45.0	-172.65	-1.04	0.0	0.0	0.0	0.0
3822	2	9.00	0.0	0.01	-1.60	0.0	-141.27	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	-1.05e-03	0.0	45.0	-141.27	-0.80	0.0	0.0	0.0	0.0
3822	3	9.00	0.0	0.01	-1.60	0.0	-128.95	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	-9.60e-04	0.0	45.0	-128.95	-0.80	0.0	0.0	0.0	0.0
3822	4	9.00	0.0	0.01	-1.60	0.0	-104.54	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	-8.08e-04	0.0	45.0	-104.54	-0.80	0.0	0.0	0.0	0.0
3822	5	9.00	0.0	0.01	-1.60	0.0	-104.54	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	-8.08e-04	0.0	45.0	-104.54	-0.80	0.0	0.0	0.0	0.0



3823	1	11.70	0.0	0.02	-2.08	0.0	-267.20	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	7.39e-04	0.0	45.0	-267.20	-1.04	0.0	0.0	0.0	0.0
3823	2	9.00	0.0	0.01	-1.60	0.0	-217.68	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	5.94e-04	0.0	45.0	-217.68	-0.80	0.0	0.0	0.0	0.0
3823	3	9.00	0.0	0.01	-1.60	0.0	-200.01	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	5.41e-04	0.0	45.0	-200.01	-0.80	0.0	0.0	0.0	0.0
3823	4	9.00	0.0	9.71e-03	-1.60	0.0	-165.01	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	4.64e-04	0.0	45.0	-165.01	-0.80	0.0	0.0	0.0	0.0
3823	5	9.00	0.0	9.71e-03	-1.60	0.0	-165.01	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	4.64e-04	0.0	45.0	-165.01	-0.80	0.0	0.0	0.0	0.0
3824	1	11.70	0.0	0.02	-2.08	0.0	-329.98	1.04	0.0	0.0	0.0	0.0
		0.0	0.0	6.47e-03	0.0	45.0	-329.98	-1.04	0.0	0.0	0.0	0.0
3824	2	9.00	0.0	0.02	-1.60	0.0	-268.04	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	5.23e-03	0.0	45.0	-268.04	-0.80	0.0	0.0	0.0	0.0
3824	3	9.00	0.0	0.01	-1.60	0.0	-247.46	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	4.87e-03	0.0	45.0	-247.46	-0.80	0.0	0.0	0.0	0.0
3824	4	9.00	0.0	0.01	-1.60	0.0	-206.47	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	4.14e-03	0.0	45.0	-206.47	-0.80	0.0	0.0	0.0	0.0
3824	5	9.00	0.0	0.01	-1.60	0.0	-206.47	0.80	0.0	0.0	0.0	0.0
		0.0	0.0	4.14e-03	0.0	45.0	-206.47	-0.80	0.0	0.0	0.0	0.0
3825	1	399.09	0.0	-2.52e-03	-2.08	0.0	178.79	-7.83	0.08	-27.38	-3.65	399.09
		0.0	-3.65	1.36e-03	0.0	45.0	178.79	-9.91	0.08	-27.38	0.0	0.0
3825	2	324.39	0.0	-2.03e-03	-1.60	0.0	144.44	-6.41	0.07	-22.08	-2.94	324.39
		0.0	-2.94	1.10e-03	0.0	45.0	144.44	-8.01	0.07	-22.08	0.0	0.0
3825	3	299.27	0.0	-1.90e-03	-1.60	0.0	134.50	-5.85	0.06	-20.60	-2.75	299.27
		0.0	-2.75	1.02e-03	0.0	45.0	134.50	-7.45	0.06	-20.60	0.0	0.0
3825	4	249.02	0.0	-1.62e-03	-1.60	0.0	114.51	-4.73	0.05	-17.61	-2.39	249.02
		0.0	-2.39	8.58e-04	0.0	45.0	114.51	-6.33	0.05	-17.61	0.0	0.0
3825	5	249.02	0.0	-1.62e-03	-1.60	0.0	114.51	-4.73	0.05	-17.61	-2.39	249.02
		0.0	-2.39	8.58e-04	0.0	45.0	114.51	-6.33	0.05	-17.61	0.0	0.0
3826	1	429.43	0.0	6.14e-03	-2.08	0.0	144.09	-8.50	0.0	-19.17	0.0	429.43
		0.0	0.0	-1.14e-03	0.0	45.0	144.09	-10.58	0.0	-19.17	0.0	0.0
3826	2	348.92	0.0	4.99e-03	-1.60	0.0	116.27	-6.95	0.0	-15.47	0.0	348.92
		0.0	0.0	-9.19e-04	0.0	45.0	116.27	-8.55	0.0	-15.47	0.0	0.0
3826	3	322.05	0.0	4.60e-03	-1.60	0.0	108.53	-6.36	0.0	-14.45	0.0	322.05
		0.0	0.0	-8.61e-04	0.0	45.0	108.53	-7.96	0.0	-14.45	0.0	0.0
3826	4	268.36	0.0	3.82e-03	-1.60	0.0	92.80	-5.16	0.0	-12.30	0.0	268.36
		0.0	0.0	-7.45e-04	0.0	45.0	92.80	-6.76	0.0	-12.30	0.0	0.0
3826	5	268.36	0.0	3.82e-03	-1.60	0.0	92.80	-5.16	0.0	-12.30	0.0	268.36
		0.0	0.0	-7.45e-04	0.0	45.0	92.80	-6.76	0.0	-12.30	0.0	0.0
3827	1	463.24	0.0	0.01	-2.08	0.0	6.37	-9.25	0.0	-24.27	0.0	463.24
		0.0	0.0	-5.22e-03	0.0	45.0	6.37	-11.33	0.0	-24.27	0.0	0.0
3827	2	376.17	0.0	9.13e-03	-1.60	0.0	5.10	-7.56	0.0	-19.64	0.0	376.17
		0.0	0.0	-4.22e-03	0.0	45.0	5.10	-9.16	0.0	-19.64	0.0	0.0
3827	3	347.54	0.0	8.45e-03	-1.60	0.0	4.83	-6.92	0.0	-18.25	0.0	347.54
		0.0	0.0	-3.93e-03	0.0	45.0	4.83	-8.52	0.0	-18.25	0.0	0.0
3827	4	290.25	0.0	7.10e-03	-1.60	0.0	4.29	-5.65	0.0	-15.48	0.0	290.25
		0.0	0.0	-3.34e-03	0.0	45.0	4.29	-7.25	0.0	-15.48	0.0	0.0
3827	5	290.25	0.0	7.10e-03	-1.60	0.0	4.29	-5.65	0.0	-15.48	0.0	290.25
		0.0	0.0	-3.34e-03	0.0	45.0	4.29	-7.25	0.0	-15.48	0.0	0.0
3828	1	461.14	0.0	0.01	-2.08	0.0	-87.68	-9.21	0.0	-38.87	0.0	461.14
		0.0	0.0	-1.70e-03	0.0	45.0	-87.68	-11.29	0.0	-38.87	0.0	0.0
3828	2	374.47	0.0	0.01	-1.60	0.0	-71.06	-7.52	0.0	-31.43	0.0	374.47
		0.0	0.0	-1.37e-03	0.0	45.0	-71.06	-9.12	0.0	-31.43	0.0	0.0
3828	3	345.96	0.0	9.51e-03	-1.60	0.0	-65.87	-6.89	0.0	-29.23	0.0	345.96
		0.0	0.0	-1.28e-03	0.0	45.0	-65.87	-8.49	0.0	-29.23	0.0	0.0
3828	4	288.89	0.0	7.98e-03	-1.60	0.0	-55.39	-5.62	0.0	-24.81	0.0	288.89
		0.0	0.0	-1.10e-03	0.0	45.0	-55.39	-7.22	0.0	-24.81	0.0	0.0
3828	5	288.89	0.0	7.98e-03	-1.60	0.0	-55.39	-5.62	0.0	-24.81	0.0	288.89
		0.0	0.0	-1.10e-03	0.0	45.0	-55.39	-7.22	0.0	-24.81	0.0	0.0
3829	1	438.88	0.0	0.01	-2.08	0.0	-121.27	-8.71	0.0	-33.09	0.0	438.88
		0.0	0.0	2.38e-03	0.0	45.0	-121.27	-10.79	0.0	-33.09	0.0	0.0
3829	2	356.55	0.0	0.01	-1.60	0.0	-98.55	-7.12	0.0	-26.68	0.0	356.55
		0.0	0.0	1.93e-03	0.0	45.0	-98.55	-8.72	0.0	-26.68	0.0	0.0
3829	3	329.18	0.0	9.34e-03	-1.60	0.0	-90.95	-6.52	0.0	-24.82	0.0	329.18
		0.0	0.0	1.79e-03	0.0	45.0	-90.95	-8.12	0.0	-24.82	0.0	0.0
3829	4	274.42	0.0	7.81e-03	-1.60	0.0	-75.73	-5.30	0.0	-21.15	0.0	274.42
		0.0	0.0	1.50e-03	0.0	45.0	-75.73	-6.90	0.0	-21.15	0.0	0.0
3829	5	274.42	0.0	7.81e-03	-1.60	0.0	-75.73	-5.30	0.0	-21.15	0.0	274.42
		0.0	0.0	1.50e-03	0.0	45.0	-75.73	-6.90	0.0	-21.15	0.0	0.0
3830	1	428.28	0.0	0.01	-2.08	0.0	-172.92	-8.48	0.0	-20.57	0.0	428.28
		0.0	0.0	-1.56e-03	0.0	45.0	-172.92	-10.56	0.0	-20.57	0.0	0.0
3830	2	347.97	0.0	0.01	-1.60	0.0	-140.36	-6.93	0.0	-16.61	0.0	347.97
		0.0	0.0	-1.26e-03	0.0	45.0	-140.36	-8.53	0.0	-16.61	0.0	0.0
3830	3	321.18	0.0	9.68e-03	-1.60	0.0	-129.66	-6.34	0.0	-15.51	0.0	321.18
		0.0	0.0	-1.18e-03	0.0	45.0	-129.66	-7.94	0.0	-15.51	0.0	0.0
3830	4	267.63	0.0	8.10e-03	-1.60	0.0	-108.42	-5.15	0.0	-13.28	0.0	267.63



		0.0	0.0	-1.01e-03	0.0	45.0	-108.42	-6.75	0.0	-13.28	0.0	0.0
3830	5	267.63	0.0	8.10e-03	-1.60	0.0	-108.42	-5.15	0.0	-13.28	0.0	267.63
		0.0	0.0	-1.01e-03	0.0	45.0	-108.42	-6.75	0.0	-13.28	0.0	0.0
3831	1	438.57	0.0	0.01	-2.08	0.0	-263.09	-8.71	0.0	-27.93	0.0	438.57
		0.0	0.0	-5.76e-03	0.0	45.0	-263.09	-10.79	0.0	-27.93	0.0	0.0
3831	2	356.18	0.0	0.01	-1.60	0.0	-212.94	-7.11	0.0	-22.57	0.0	356.18
		0.0	0.0	-4.65e-03	0.0	45.0	-212.94	-8.72	0.0	-22.57	0.0	0.0
3831	3	328.99	0.0	0.01	-1.60	0.0	-197.58	-6.51	0.0	-20.99	0.0	328.99
		0.0	0.0	-4.33e-03	0.0	45.0	-197.58	-8.11	0.0	-20.99	0.0	0.0
3831	4	274.60	0.0	8.54e-03	-1.60	0.0	-167.05	-5.30	0.0	-17.80	0.0	274.60
		0.0	0.0	-3.69e-03	0.0	45.0	-167.05	-6.90	0.0	-17.80	0.0	0.0
3831	5	274.60	0.0	8.54e-03	-1.60	0.0	-167.05	-5.30	0.0	-17.80	0.0	274.60
		0.0	0.0	-3.69e-03	0.0	45.0	-167.05	-6.90	0.0	-17.80	0.0	0.0
3832	1	438.30	0.0	0.01	-2.08	0.0	-290.84	-8.70	0.0	-43.60	0.0	438.30
		0.0	0.0	-1.69e-03	0.0	45.0	-290.84	-10.78	0.0	-43.60	0.0	0.0
3832	2	355.96	0.0	9.69e-03	-1.60	0.0	-235.32	-7.11	0.0	-35.25	0.0	355.96
		0.0	0.0	-1.36e-03	0.0	45.0	-235.32	-8.71	0.0	-35.25	0.0	0.0
3832	3	328.78	0.0	8.96e-03	-1.60	0.0	-218.44	-6.51	0.0	-32.76	0.0	328.78
		0.0	0.0	-1.27e-03	0.0	45.0	-218.44	-8.11	0.0	-32.76	0.0	0.0
3832	4	274.47	0.0	7.49e-03	-1.60	0.0	-184.96	-5.30	0.0	-27.85	0.0	274.47
		0.0	0.0	-1.08e-03	0.0	45.0	-184.96	-6.90	0.0	-27.85	0.0	0.0
3832	5	274.47	0.0	7.49e-03	-1.60	0.0	-184.96	-5.30	0.0	-27.85	0.0	274.47
		0.0	0.0	-1.08e-03	0.0	45.0	-184.96	-6.90	0.0	-27.85	0.0	0.0
3833	1	429.28	0.0	9.62e-03	-2.08	0.0	-217.91	-8.50	0.0	-36.27	0.0	429.28
		0.0	0.0	2.93e-03	0.0	45.0	-217.91	-10.58	0.0	-36.27	0.0	0.0
3833	2	348.75	0.0	7.83e-03	-1.60	0.0	-176.65	-6.95	0.0	-29.30	0.0	348.75
		0.0	0.0	2.37e-03	0.0	45.0	-176.65	-8.55	0.0	-29.30	0.0	0.0
3833	3	321.94	0.0	7.21e-03	-1.60	0.0	-163.45	-6.35	0.0	-27.28	0.0	321.94
		0.0	0.0	2.20e-03	0.0	45.0	-163.45	-7.95	0.0	-27.28	0.0	0.0
3833	4	268.43	0.0	5.98e-03	-1.60	0.0	-137.45	-5.16	0.0	-23.16	0.0	268.43
		0.0	0.0	1.85e-03	0.0	45.0	-137.45	-6.77	0.0	-23.16	0.0	0.0
3833	5	268.43	0.0	5.98e-03	-1.60	0.0	-137.45	-5.16	0.0	-23.16	0.0	268.43
		0.0	0.0	1.85e-03	0.0	45.0	-137.45	-6.77	0.0	-23.16	0.0	0.0
3834	1	418.69	0.0	8.14e-03	-2.08	0.0	-53.24	-8.26	0.0	-22.98	0.0	418.69
		0.0	0.0	-1.40e-03	0.0	45.0	-53.24	-10.34	0.0	-22.98	0.0	0.0
3834	2	340.20	0.0	6.63e-03	-1.60	0.0	-43.80	-6.76	0.0	-18.56	0.0	340.20
		0.0	0.0	-1.13e-03	0.0	45.0	-43.80	-8.36	0.0	-18.56	0.0	0.0
3834	3	314.00	0.0	6.10e-03	-1.60	0.0	-39.58	-6.18	0.0	-17.30	0.0	314.00
		0.0	0.0	-1.06e-03	0.0	45.0	-39.58	-7.78	0.0	-17.30	0.0	0.0
3834	4	261.64	0.0	5.03e-03	-1.60	0.0	-31.46	-5.01	0.0	-14.78	0.0	261.64
		0.0	0.0	-9.10e-04	0.0	45.0	-31.46	-6.61	0.0	-14.78	0.0	0.0
3834	5	261.64	0.0	5.03e-03	-1.60	0.0	-31.46	-5.01	0.0	-14.78	0.0	261.64
		0.0	0.0	-9.10e-04	0.0	45.0	-31.46	-6.61	0.0	-14.78	0.0	0.0
3835	1	382.40	0.0	7.67e-03	-2.08	0.0	144.02	-7.46	0.0	-24.65	0.0	382.40
		0.0	0.0	-3.59e-03	0.0	45.0	144.02	-9.54	0.0	-24.65	0.0	0.0
3835	2	310.92	0.0	6.25e-03	-1.60	0.0	115.49	-6.11	0.0	-19.95	0.0	310.92
		0.0	0.0	-2.90e-03	0.0	45.0	115.49	-7.71	0.0	-19.95	0.0	0.0
3835	3	286.68	0.0	5.74e-03	-1.60	0.0	108.81	-5.57	0.0	-18.53	0.0	286.68
		0.0	0.0	-2.69e-03	0.0	45.0	108.81	-7.17	0.0	-18.53	0.0	0.0
3835	4	238.25	0.0	4.73e-03	-1.60	0.0	95.12	-4.49	0.0	-15.71	0.0	238.25
		0.0	0.0	-2.28e-03	0.0	45.0	95.12	-6.09	0.0	-15.71	0.0	0.0
3835	5	238.25	0.0	4.73e-03	-1.60	0.0	95.12	-4.49	0.0	-15.71	0.0	238.25
		0.0	0.0	-2.28e-03	0.0	45.0	95.12	-6.09	0.0	-15.71	0.0	0.0
3836	1	421.25	0.0	0.01	-2.08	0.0	51.10	-8.32	0.0	-31.38	0.0	421.25
		0.0	0.0	-1.02e-03	0.0	45.0	51.10	-10.40	0.0	-31.38	0.0	0.0
3836	2	342.27	0.0	0.01	-1.60	0.0	40.87	-6.81	0.0	-25.40	0.0	342.27
		0.0	0.0	-8.20e-04	0.0	45.0	40.87	-8.41	0.0	-25.40	0.0	0.0
3836	3	315.92	0.0	0.01	-1.60	0.0	38.73	-6.22	0.0	-23.57	0.0	315.92
		0.0	0.0	-7.65e-04	0.0	45.0	38.73	-7.82	0.0	-23.57	0.0	0.0
3836	4	263.26	0.0	9.32e-03	-1.60	0.0	34.12	-5.05	0.0	-19.92	0.0	263.26
		0.0	0.0	-6.59e-04	0.0	45.0	34.12	-6.65	0.0	-19.92	0.0	0.0
3836	5	263.26	0.0	9.32e-03	-1.60	0.0	34.12	-5.05	0.0	-19.92	0.0	263.26
		0.0	0.0	-6.59e-04	0.0	45.0	34.12	-6.65	0.0	-19.92	0.0	0.0
3837	1	486.78	0.0	0.02	-2.08	0.0	-166.17	-9.78	0.0	-33.55	0.0	486.78
		0.0	0.0	-1.78e-03	0.0	45.0	-166.17	-11.86	0.0	-33.55	0.0	0.0
3837	2	395.05	0.0	0.02	-1.60	0.0	-133.80	-7.98	0.0	-27.11	0.0	395.05
		0.0	0.0	-1.43e-03	0.0	45.0	-133.80	-9.58	0.0	-27.11	0.0	0.0
3837	3	365.27	0.0	0.02	-1.60	0.0	-125.04	-7.32	0.0	-25.22	0.0	365.27
		0.0	0.0	-1.34e-03	0.0	45.0	-125.04	-8.92	0.0	-25.22	0.0	0.0
3837	4	305.72	0.0	0.01	-1.60	0.0	-107.83	-5.99	0.0	-21.40	0.0	305.72
		0.0	0.0	-1.15e-03	0.0	45.0	-107.83	-7.59	0.0	-21.40	0.0	0.0
3837	5	305.72	0.0	0.01	-1.60	0.0	-107.83	-5.99	0.0	-21.40	0.0	305.72
		0.0	0.0	-1.15e-03	0.0	45.0	-107.83	-7.59	0.0	-21.40	0.0	0.0
3838	1	459.80	0.0	0.02	-2.08	0.0	-136.83	-9.18	0.0	-25.33	0.0	459.80
		0.0	0.0	1.73e-03	0.0	45.0	-136.83	-11.26	0.0	-25.33	0.0	0.0
3838	2	373.35	0.0	0.01	-1.60	0.0	-109.90	-7.50	0.0	-20.46	0.0	373.35
		0.0	0.0	1.40e-03	0.0	45.0	-109.90	-9.10	0.0	-20.46	0.0	0.0



3838	3	344.95	0.0	0.01	-1.60	0.0	-103.12	-6.87	0.0	-19.02	0.0	344.95
		0.0	0.0	1.29e-03	0.0	45.0	-103.12	-8.47	0.0	-19.02	0.0	0.0
3838	4	288.17	0.0	0.01	-1.60	0.0	-89.75	-5.60	0.0	-16.21	0.0	288.17
		0.0	0.0	1.07e-03	0.0	45.0	-89.75	-7.20	0.0	-16.21	0.0	0.0
3838	5	288.17	0.0	0.01	-1.60	0.0	-89.75	-5.60	0.0	-16.21	0.0	288.17
		0.0	0.0	1.07e-03	0.0	45.0	-89.75	-7.20	0.0	-16.21	0.0	0.0
3839	1	401.39	0.0	0.01	-2.08	0.0	21.21	-7.88	0.0	-11.49	0.0	401.39
		0.0	0.0	-2.35e-03	0.0	45.0	21.21	-9.96	0.0	-11.49	0.0	0.0
3839	2	326.23	0.0	0.01	-1.60	0.0	17.62	-6.45	0.0	-9.26	0.0	326.23
		0.0	0.0	-1.90e-03	0.0	45.0	17.62	-8.05	0.0	-9.26	0.0	0.0
3839	3	300.99	0.0	0.01	-1.60	0.0	15.76	-5.89	0.0	-8.69	0.0	300.99
		0.0	0.0	-1.77e-03	0.0	45.0	15.76	-7.49	0.0	-8.69	0.0	0.0
3839	4	250.50	0.0	9.11e-03	-1.60	0.0	12.01	-4.77	0.0	-7.44	0.0	250.50
		0.0	0.0	-1.52e-03	0.0	45.0	12.01	-6.37	0.0	-7.44	0.0	0.0
3839	5	250.50	0.0	9.11e-03	-1.60	0.0	12.01	-4.77	0.0	-7.44	0.0	250.50
		0.0	0.0	-1.52e-03	0.0	45.0	12.01	-6.37	0.0	-7.44	0.0	0.0
3840	1	354.72	0.0	0.02	-2.08	0.0	-1.19	-6.84	0.0	-16.14	0.0	354.72
		0.0	0.0	-6.20e-03	0.0	45.0	-1.19	-8.92	0.0	-16.14	0.0	0.0
3840	2	288.39	0.0	0.01	-1.60	0.0	-0.97	-5.61	0.0	-13.04	0.0	288.39
		0.0	0.0	-5.00e-03	0.0	45.0	-0.97	-7.21	0.0	-13.04	0.0	0.0
3840	3	265.96	0.0	0.01	-1.60	0.0	-0.88	-5.11	0.0	-12.12	0.0	265.96
		0.0	0.0	-4.66e-03	0.0	45.0	-0.88	-6.71	0.0	-12.12	0.0	0.0
3840	4	221.10	0.0	0.01	-1.60	0.0	-0.72	-4.11	0.0	-10.36	0.0	221.10
		0.0	0.0	-3.98e-03	0.0	45.0	-0.72	-5.71	0.0	-10.36	0.0	0.0
3840	5	221.10	0.0	0.01	-1.60	0.0	-0.72	-4.11	0.0	-10.36	0.0	221.10
		0.0	0.0	-3.98e-03	0.0	45.0	-0.72	-5.71	0.0	-10.36	0.0	0.0
3873	1	543.72	0.0	0.02	-2.08	0.0	-152.59	-11.04	0.63	-51.51	-28.34	543.72
		0.0	-28.34	-1.68e-03	0.0	45.0	-152.59	-13.12	0.63	-51.51	0.0	0.0
3873	2	441.97	0.0	0.01	-1.60	0.0	-124.26	-9.02	0.51	-41.65	-22.91	441.97
		0.0	-22.91	-1.36e-03	0.0	45.0	-124.26	-10.62	0.51	-41.65	0.0	0.0
3873	3	407.62	0.0	0.01	-1.60	0.0	-114.07	-8.26	0.47	-38.78	-21.33	407.62
		0.0	-21.33	-1.27e-03	0.0	45.0	-114.07	-9.86	0.47	-38.78	0.0	0.0
3873	4	339.08	0.0	0.01	-1.60	0.0	-94.20	-6.74	0.40	-32.95	-18.14	339.08
		0.0	-18.14	-1.08e-03	0.0	45.0	-94.20	-8.34	0.40	-32.95	0.0	0.0
3873	5	339.08	0.0	0.01	-1.60	0.0	-94.20	-6.74	0.40	-32.95	-18.14	339.08
		0.0	-18.14	-1.08e-03	0.0	45.0	-94.20	-8.34	0.40	-32.95	0.0	0.0
3874	1	569.04	0.0	5.45e-03	-2.08	0.0	-562.54	-11.61	0.05	-8.07	-2.41	569.04
		0.0	-2.41	-1.74e-03	0.0	45.0	-562.54	-13.69	0.05	-8.07	0.0	0.0
3874	2	462.65	0.0	4.44e-03	-1.60	0.0	-455.70	-9.48	0.04	-6.52	-1.94	462.65
		0.0	-1.94	-1.41e-03	0.0	45.0	-455.70	-11.08	0.04	-6.52	0.0	0.0
3874	3	426.64	0.0	4.07e-03	-1.60	0.0	-422.62	-8.68	0.04	-6.08	-1.83	426.64
		0.0	-1.83	-1.31e-03	0.0	45.0	-422.62	-10.28	0.04	-6.08	0.0	0.0
3874	4	354.71	0.0	3.34e-03	-1.60	0.0	-356.60	-7.08	0.03	-5.15	-1.56	354.71
		0.0	-1.56	-1.12e-03	0.0	45.0	-356.60	-8.68	0.03	-5.15	0.0	0.0
3874	5	354.71	0.0	3.34e-03	-1.60	0.0	-356.60	-7.08	0.03	-5.15	-1.56	354.71
		0.0	-1.56	-1.12e-03	0.0	45.0	-356.60	-8.68	0.03	-5.15	0.0	0.0
3875	1	586.61	0.0	0.01	-2.08	0.0	-459.01	-12.00	0.51	-40.96	-22.95	586.61
		0.0	-22.95	-2.50e-03	0.0	45.0	-459.01	-14.08	0.51	-40.96	0.0	0.0
3875	2	476.74	0.0	9.36e-03	-1.60	0.0	-372.22	-9.79	0.41	-33.15	-18.56	476.74
		0.0	-18.56	-2.02e-03	0.0	45.0	-372.22	-11.39	0.41	-33.15	0.0	0.0
3875	3	439.94	0.0	8.65e-03	-1.60	0.0	-344.58	-8.98	0.38	-30.78	-17.25	439.94
		0.0	-17.25	-1.88e-03	0.0	45.0	-344.58	-10.58	0.38	-30.78	0.0	0.0
3875	4	366.36	0.0	7.25e-03	-1.60	0.0	-289.52	-7.34	0.33	-26.11	-14.65	366.36
		0.0	-14.65	-1.61e-03	0.0	45.0	-289.52	-8.94	0.33	-26.11	0.0	0.0
3875	5	366.36	0.0	7.25e-03	-1.60	0.0	-289.52	-7.34	0.33	-26.11	-14.65	366.36
		0.0	-14.65	-1.61e-03	0.0	45.0	-289.52	-8.94	0.33	-26.11	0.0	0.0
3876	1	556.49	0.0	0.01	-2.08	0.0	-311.17	-11.33	0.47	-10.88	-21.30	556.49
		0.0	-21.30	-2.02e-03	0.0	45.0	-311.17	-13.41	0.47	-10.88	0.0	0.0
3876	2	452.55	0.0	0.01	-1.60	0.0	-252.99	-9.26	0.38	-8.80	-17.23	452.55
		0.0	-17.23	-1.63e-03	0.0	45.0	-252.99	-10.86	0.38	-8.80	0.0	0.0
3876	3	417.19	0.0	9.72e-03	-1.60	0.0	-233.21	-8.47	0.36	-8.18	-16.01	417.19
		0.0	-16.01	-1.52e-03	0.0	45.0	-233.21	-10.07	0.36	-8.18	0.0	0.0
3876	4	346.48	0.0	8.10e-03	-1.60	0.0	-193.84	-6.90	0.30	-6.96	-13.60	346.48
		0.0	-13.60	-1.31e-03	0.0	45.0	-193.84	-8.50	0.30	-6.96	0.0	0.0
3876	5	346.48	0.0	8.10e-03	-1.60	0.0	-193.84	-6.90	0.30	-6.96	-13.60	346.48
		0.0	-13.60	-1.31e-03	0.0	45.0	-193.84	-8.50	0.30	-6.96	0.0	0.0
3877	1	531.11	0.0	0.01	-2.08	0.0	-261.03	-10.76	8.86e-03	23.79	-0.40	531.11
		0.0	-0.40	-1.06e-03	0.0	45.0	-261.03	-12.84	8.86e-03	23.79	0.0	0.0
3877	2	432.08	0.0	0.01	-1.60	0.0	-211.92	-8.80	6.95e-03	19.27	-0.31	432.08
		0.0	-0.31	-8.51e-04	0.0	45.0	-211.92	-10.40	6.95e-03	19.27	0.0	0.0
3877	3	398.05	0.0	9.75e-03	-1.60	0.0	-195.74	-8.05	6.44e-03	17.90	-0.29	398.05
		0.0	-0.29	-7.91e-04	0.0	45.0	-195.74	-9.65	6.44e-03	17.90	0.0	0.0
3877	4	330.05	0.0	8.08e-03	-1.60	0.0	-163.48	-6.53	5.96e-03	15.15	-0.27	330.05
		0.0	-0.27	-6.86e-04	0.0	45.0	-163.48	-8.13	5.96e-03	15.15	0.0	0.0
3877	5	330.05	0.0	8.08e-03	-1.60	0.0	-163.48	-6.53	5.96e-03	15.15	-0.27	330.05
		0.0	-0.27	-6.86e-04	0.0	45.0	-163.48	-8.13	5.96e-03	15.15	0.0	0.0
3878	1	520.57	0.0	0.02	-2.08	0.0	-102.77	-10.53	0.55	-17.99	-24.76	520.57

		0.0	-24.76	-1.36e-03	0.0	45.0	-102.77	-12.61	0.55	-17.99	0.0	0.0
3878	2	423.44	0.0	0.01	-1.60	0.0	-84.91	-8.61	0.44	-14.55	-20.02	423.44
		0.0	-20.02	-1.09e-03	0.0	45.0	-84.91	-10.21	0.44	-14.55	0.0	0.0
3878	3	390.22	0.0	0.01	-1.60	0.0	-76.39	-7.87	0.41	-13.53	-18.62	390.22
		0.0	-18.62	-1.02e-03	0.0	45.0	-76.39	-9.47	0.41	-13.53	0.0	0.0
3878	4	323.78	0.0	9.40e-03	-1.60	0.0	-59.52	-6.40	0.35	-11.49	-15.82	323.78
		0.0	-15.82	-8.75e-04	0.0	45.0	-59.52	-8.00	0.35	-11.49	0.0	0.0
3878	5	323.78	0.0	9.40e-03	-1.60	0.0	-59.52	-6.40	0.35	-11.49	-15.82	323.78
		0.0	-15.82	-8.75e-04	0.0	45.0	-59.52	-8.00	0.35	-11.49	0.0	0.0
3879	1	517.50	0.0	0.01	-2.08	0.0	-128.42	-10.46	0.45	-1.94	-20.21	517.50
		0.0	-20.21	-8.65e-04	0.0	45.0	-128.42	-12.54	0.45	-1.94	0.0	0.0
3879	2	421.04	0.0	0.01	-1.60	0.0	-106.00	-8.56	0.36	-1.56	-16.34	421.04
		0.0	-16.34	-6.96e-04	0.0	45.0	-106.00	-10.16	0.36	-1.56	0.0	0.0
3879	3	387.85	0.0	0.01	-1.60	0.0	-95.60	-7.82	0.34	-1.44	-15.20	387.85
		0.0	-15.20	-6.55e-04	0.0	45.0	-95.60	-9.42	0.34	-1.44	0.0	0.0
3879	4	321.50	0.0	8.95e-03	-1.60	0.0	-74.91	-6.34	0.29	-1.23	-12.92	321.50
		0.0	-12.92	-5.68e-04	0.0	45.0	-74.91	-7.94	0.29	-1.23	0.0	0.0
3879	5	321.50	0.0	8.95e-03	-1.60	0.0	-74.91	-6.34	0.29	-1.23	-12.92	321.50
		0.0	-12.92	-5.68e-04	0.0	45.0	-74.91	-7.94	0.29	-1.23	0.0	0.0
3880	1	510.77	1.89	0.01	-2.08	0.0	-248.07	-10.31	-0.04	32.17	1.89	510.77
		0.0	0.0	-4.63e-04	0.0	45.0	-248.07	-12.39	-0.04	32.17	0.0	0.0
3880	2	415.73	1.53	0.01	-1.60	0.0	-202.44	-8.44	-0.03	26.02	1.53	415.73
		0.0	0.0	-3.70e-04	0.0	45.0	-202.44	-10.04	-0.03	26.02	0.0	0.0
3880	3	382.74	1.44	0.01	-1.60	0.0	-185.73	-7.71	-0.03	24.21	1.44	382.74
		0.0	0.0	-3.51e-04	0.0	45.0	-185.73	-9.31	-0.03	24.21	0.0	0.0
3880	4	316.80	1.22	8.64e-03	-1.60	0.0	-152.39	-6.24	-0.03	20.58	1.22	316.80
		0.0	0.0	-3.10e-04	0.0	45.0	-152.39	-7.84	-0.03	20.58	0.0	0.0
3880	5	316.80	1.22	8.64e-03	-1.60	0.0	-152.39	-6.24	-0.03	20.58	1.22	316.80
		0.0	0.0	-3.10e-04	0.0	45.0	-152.39	-7.84	-0.03	20.58	0.0	0.0
3881	1	546.68	0.0	0.02	-2.08	0.0	-410.80	-11.11	0.03	-0.33	-1.50	546.68
		0.0	-1.50	-7.17e-04	0.0	45.0	-410.80	-13.19	0.03	-0.33	0.0	0.0
3881	2	444.65	0.0	0.01	-1.60	0.0	-333.62	-9.08	0.03	-0.27	-1.21	444.65
		0.0	-1.21	-5.74e-04	0.0	45.0	-333.62	-10.68	0.03	-0.27	0.0	0.0
3881	3	409.54	0.0	0.01	-1.60	0.0	-307.76	-8.30	0.03	-0.28	-1.14	409.54
		0.0	-1.14	-5.47e-04	0.0	45.0	-307.76	-9.90	0.03	-0.28	0.0	0.0
3881	4	339.92	0.0	0.01	-1.60	0.0	-257.28	-6.75	0.02	-0.23	-0.99	339.92
		0.0	-0.99	-4.84e-04	0.0	45.0	-257.28	-8.35	0.02	-0.23	0.0	0.0
3881	5	339.92	0.0	0.01	-1.60	0.0	-257.28	-6.75	0.02	-0.23	-0.99	339.92
		0.0	-0.99	-4.84e-04	0.0	45.0	-257.28	-8.35	0.02	-0.23	0.0	0.0
3882	1	539.73	0.0	0.01	-2.08	0.0	-259.69	-10.95	0.07	-8.62	-3.22	539.73
		0.0	-3.22	-1.55e-03	0.0	45.0	-259.69	-13.03	0.07	-8.62	0.0	0.0
3882	2	438.89	0.0	0.01	-1.60	0.0	-210.27	-8.95	0.06	-6.97	-2.60	438.89
		0.0	-2.60	-1.25e-03	0.0	45.0	-210.27	-10.55	0.06	-6.97	0.0	0.0
3882	3	404.63	0.0	0.01	-1.60	0.0	-195.08	-8.19	0.05	-6.51	-2.44	404.63
		0.0	-2.44	-1.18e-03	0.0	45.0	-195.08	-9.79	0.05	-6.51	0.0	0.0
3882	4	336.26	0.0	9.19e-03	-1.60	0.0	-165.11	-6.67	0.05	-5.59	-2.12	336.26
		0.0	-2.12	-1.02e-03	0.0	45.0	-165.11	-8.27	0.05	-5.59	0.0	0.0
3882	5	336.26	0.0	9.19e-03	-1.60	0.0	-165.11	-6.67	0.05	-5.59	-2.12	336.26
		0.0	-2.12	-1.02e-03	0.0	45.0	-165.11	-8.27	0.05	-5.59	0.0	0.0
3883	1	550.89	0.0	0.02	-2.08	0.0	-176.09	-11.20	0.53	-41.83	-23.77	550.89
		0.0	-23.77	-2.62e-03	0.0	45.0	-176.09	-13.28	0.53	-41.83	0.0	0.0
3883	2	447.81	0.0	0.01	-1.60	0.0	-142.94	-9.15	0.43	-33.85	-19.23	447.81
		0.0	-19.23	-2.11e-03	0.0	45.0	-142.94	-10.75	0.43	-33.85	0.0	0.0
3883	3	413.12	0.0	0.01	-1.60	0.0	-131.86	-8.38	0.40	-31.45	-17.88	413.12
		0.0	-17.88	-1.97e-03	0.0	45.0	-131.86	-9.98	0.40	-31.45	0.0	0.0
3883	4	343.77	0.0	0.01	-1.60	0.0	-110.79	-6.84	0.34	-26.61	-15.15	343.77
		0.0	-15.15	-1.68e-03	0.0	45.0	-110.79	-8.44	0.34	-26.61	0.0	0.0
3883	5	343.77	0.0	0.01	-1.60	0.0	-110.79	-6.84	0.34	-26.61	-15.15	343.77
		0.0	-15.15	-1.68e-03	0.0	45.0	-110.79	-8.44	0.34	-26.61	0.0	0.0
3884	1	522.37	0.0	-3.75e-03	-2.08	0.0	-452.98	-10.57	0.01	19.01	-0.46	522.37
		0.0	-0.46	-1.25e-03	0.0	45.0	-452.98	-12.65	0.01	19.01	0.0	0.0
3884	2	424.97	0.0	-3.02e-03	-1.60	0.0	-367.32	-8.64	8.00e-03	15.36	-0.36	424.97
		0.0	-0.36	-1.01e-03	0.0	45.0	-367.32	-10.24	8.00e-03	15.36	0.0	0.0
3884	3	391.55	0.0	-2.82e-03	-1.60	0.0	-340.04	-7.90	7.60e-03	14.29	-0.34	391.55
		0.0	-0.34	-9.40e-04	0.0	45.0	-340.04	-9.50	7.60e-03	14.29	0.0	0.0
3884	4	324.70	0.0	-2.42e-03	-1.60	0.0	-285.46	-6.42	6.80e-03	12.17	-0.31	324.70
		0.0	-0.31	-8.07e-04	0.0	45.0	-285.46	-8.02	6.80e-03	12.17	0.0	0.0
3884	5	324.70	0.0	-2.42e-03	-1.60	0.0	-285.46	-6.42	6.80e-03	12.17	-0.31	324.70
		0.0	-0.31	-8.07e-04	0.0	45.0	-285.46	-8.02	6.80e-03	12.17	0.0	0.0
3885	1	521.90	0.0	0.02	-2.08	0.0	-80.85	-10.56	0.48	-12.00	-21.59	521.90
		0.0	-21.59	-2.29e-03	0.0	45.0	-80.85	-12.64	0.48	-12.00	0.0	0.0
3885	2	424.51	0.0	0.01	-1.60	0.0	-66.33	-8.63	0.39	-9.70	-17.46	424.51
		0.0	-17.46	-1.85e-03	0.0	45.0	-66.33	-10.23	0.39	-9.70	0.0	0.0
3885	3	391.15	0.0	0.01	-1.60	0.0	-60.10	-7.89	0.36	-9.02	-16.24	391.15
		0.0	-16.24	-1.72e-03	0.0	45.0	-60.10	-9.49	0.36	-9.02	0.0	0.0
3885	4	324.61	0.0	9.39e-03	-1.60	0.0	-48.27	-6.41	0.31	-7.66	-13.78	324.61
		0.0	-13.78	-1.47e-03	0.0	45.0	-48.27	-8.01	0.31	-7.66	0.0	0.0

3885	5	324.61	0.0	9.39e-03	-1.60	0.0	-48.27	-6.41	0.31	-7.66	-13.78	324.61
		0.0	-13.78	-1.47e-03	0.0	45.0	-48.27	-8.01	0.31	-7.66	0.0	0.0
3886	1	503.88	0.0	0.01	-2.08	0.0	-106.24	-10.16	0.03	20.32	-1.53	503.88
		0.0	-1.53	-1.10e-03	0.0	45.0	-106.24	-12.24	0.03	20.32	0.0	0.0
3886	2	410.02	0.0	0.01	-1.60	0.0	-86.55	-8.31	0.03	16.45	-1.23	410.02
		0.0	-1.23	-8.83e-04	0.0	45.0	-86.55	-9.91	0.03	16.45	0.0	0.0
3886	3	377.63	0.0	9.78e-03	-1.60	0.0	-79.59	-7.59	0.02	15.34	-1.12	377.63
		0.0	-1.12	-8.19e-04	0.0	45.0	-79.59	-9.19	0.02	15.34	0.0	0.0
3886	4	312.85	0.0	8.11e-03	-1.60	0.0	-65.66	-6.15	0.02	12.99	-0.96	312.85
		0.0	-0.96	-7.04e-04	0.0	45.0	-65.66	-7.75	0.02	12.99	0.0	0.0
3886	5	312.85	0.0	8.11e-03	-1.60	0.0	-65.66	-6.15	0.02	12.99	-0.96	312.85
		0.0	-0.96	-7.04e-04	0.0	45.0	-65.66	-7.75	0.02	12.99	0.0	0.0
3887	1	527.66	0.0	0.01	-2.08	0.0	-194.58	-10.69	0.09	-11.46	-3.88	527.66
		0.0	-3.88	-1.60e-03	0.0	45.0	-194.58	-12.77	0.09	-11.46	0.0	0.0
3887	2	429.06	0.0	0.01	-1.60	0.0	-157.59	-8.73	0.07	-9.26	-3.13	429.06
		0.0	-3.13	-1.29e-03	0.0	45.0	-157.59	-10.33	0.07	-9.26	0.0	0.0
3887	3	395.52	0.0	0.01	-1.60	0.0	-145.99	-7.99	0.06	-8.63	-2.91	395.52
		0.0	-2.91	-1.21e-03	0.0	45.0	-145.99	-9.59	0.06	-8.63	0.0	0.0
3887	4	328.77	0.0	8.78e-03	-1.60	0.0	-123.51	-6.51	0.06	-7.37	-2.50	328.77
		0.0	-2.50	-1.04e-03	0.0	45.0	-123.51	-8.11	0.06	-7.37	0.0	0.0
3887	5	328.77	0.0	8.78e-03	-1.60	0.0	-123.51	-6.51	0.06	-7.37	-2.50	328.77
		0.0	-2.50	-1.04e-03	0.0	45.0	-123.51	-8.11	0.06	-7.37	0.0	0.0
3888	1	570.54	0.0	0.02	-2.08	0.0	-404.97	-11.64	0.21	-14.96	-9.52	570.54
		0.0	-9.52	-1.71e-03	0.0	45.0	-404.97	-13.72	0.21	-14.96	0.0	0.0
3888	2	463.90	0.0	0.02	-1.60	0.0	-328.75	-9.51	0.17	-12.12	-7.70	463.90
		0.0	-7.70	-1.38e-03	0.0	45.0	-328.75	-11.11	0.17	-12.12	0.0	0.0
3888	3	427.71	0.0	0.02	-1.60	0.0	-303.74	-8.70	0.16	-11.24	-7.15	427.71
		0.0	-7.15	-1.28e-03	0.0	45.0	-303.74	-10.30	0.16	-11.24	0.0	0.0
3888	4	355.42	0.0	0.01	-1.60	0.0	-253.97	-7.10	0.13	-9.47	-6.05	355.42
		0.0	-6.05	-1.10e-03	0.0	45.0	-253.97	-8.70	0.13	-9.47	0.0	0.0
3888	5	355.42	0.0	0.01	-1.60	0.0	-253.97	-7.10	0.13	-9.47	-6.05	355.42
		0.0	-6.05	-1.10e-03	0.0	45.0	-253.97	-8.70	0.13	-9.47	0.0	0.0
3889	1	540.99	0.46	-3.42e-03	-2.08	0.0	252.23	-10.98	-0.01	16.63	0.46	540.99
		0.0	0.0	-4.33e-03	0.0	45.0	252.23	-13.06	-0.01	16.63	0.0	0.0
3889	2	439.43	0.36	-2.76e-03	-1.60	0.0	203.71	-8.96	-8.00e-03	13.44	0.36	439.43
		0.0	0.0	-3.49e-03	0.0	45.0	203.71	-10.57	-8.00e-03	13.44	0.0	0.0
3889	3	405.85	0.34	-2.57e-03	-1.60	0.0	189.69	-8.22	-7.60e-03	12.52	0.34	405.85
		0.0	0.0	-3.25e-03	0.0	45.0	189.69	-9.82	-7.60e-03	12.52	0.0	0.0
3889	4	338.71	0.31	-2.20e-03	-1.60	0.0	161.60	-6.73	-6.80e-03	10.69	0.31	338.71
		0.0	0.0	-2.78e-03	0.0	45.0	161.60	-8.33	-6.80e-03	10.69	0.0	0.0
3889	5	338.71	0.31	-2.20e-03	-1.60	0.0	161.60	-6.73	-6.80e-03	10.69	0.31	338.71
		0.0	0.0	-2.78e-03	0.0	45.0	161.60	-8.33	-6.80e-03	10.69	0.0	0.0
3890	1	613.09	2.41	6.92e-03	-2.08	0.0	251.78	-12.58	-0.05	12.06	2.41	613.09
		0.0	0.0	-1.59e-03	0.0	45.0	251.78	-14.66	-0.05	12.06	0.0	0.0
3890	2	498.02	1.94	5.63e-03	-1.60	0.0	203.11	-10.27	-0.04	9.74	1.94	498.02
		0.0	0.0	-1.28e-03	0.0	45.0	203.11	-11.87	-0.04	9.74	0.0	0.0
3890	3	459.86	1.83	5.18e-03	-1.60	0.0	189.64	-9.42	-0.04	9.07	1.83	459.86
		0.0	0.0	-1.19e-03	0.0	45.0	189.64	-11.02	-0.04	9.07	0.0	0.0
3890	4	383.68	1.56	4.29e-03	-1.60	0.0	162.31	-7.73	-0.03	7.76	1.56	383.68
		0.0	0.0	-1.02e-03	0.0	45.0	162.31	-9.33	-0.03	7.76	0.0	0.0
3890	5	383.68	1.56	4.29e-03	-1.60	0.0	162.31	-7.73	-0.03	7.76	1.56	383.68
		0.0	0.0	-1.02e-03	0.0	45.0	162.31	-9.33	-0.03	7.76	0.0	0.0
3891	1	689.25	22.95	0.02	-2.08	0.0	60.99	-14.28	-0.51	33.20	22.95	689.25
		0.0	0.0	2.70e-03	0.0	45.0	60.99	-16.36	-0.51	33.20	0.0	0.0
3891	2	559.37	18.56	0.01	-1.60	0.0	49.57	-11.63	-0.41	26.83	18.56	559.37
		0.0	0.0	2.19e-03	0.0	45.0	49.57	-13.23	-0.41	26.83	0.0	0.0
3891	3	517.24	17.25	0.01	-1.60	0.0	45.77	-10.69	-0.38	24.96	17.25	517.24
		0.0	0.0	2.02e-03	0.0	45.0	45.77	-12.29	-0.38	24.96	0.0	0.0
3891	4	433.04	14.65	9.74e-03	-1.60	0.0	37.66	-8.82	-0.33	21.22	14.65	433.04
		0.0	0.0	1.71e-03	0.0	45.0	37.66	-10.42	-0.33	21.22	0.0	0.0
3891	5	433.04	14.65	9.74e-03	-1.60	0.0	37.66	-8.82	-0.33	21.22	14.65	433.04
		0.0	0.0	1.71e-03	0.0	45.0	37.66	-10.42	-0.33	21.22	0.0	0.0
3892	1	701.92	21.30	0.02	-2.08	0.0	-49.64	-14.56	-0.47	44.20	21.30	701.92
		0.0	0.0	-7.47e-04	0.0	45.0	-49.64	-16.64	-0.47	44.20	0.0	0.0
3892	2	569.66	17.23	0.01	-1.60	0.0	-40.01	-11.86	-0.38	35.76	17.23	569.66
		0.0	0.0	-6.00e-04	0.0	45.0	-40.01	-13.46	-0.38	35.76	0.0	0.0
3892	3	526.76	16.01	0.01	-1.60	0.0	-37.34	-10.91	-0.36	33.25	16.01	526.76
		0.0	0.0	-5.62e-04	0.0	45.0	-37.34	-12.51	-0.36	33.25	0.0	0.0
3892	4	440.93	13.60	0.01	-1.60	0.0	-32.61	-9.00	-0.30	28.22	13.60	440.93
		0.0	0.0	-4.88e-04	0.0	45.0	-32.61	-10.60	-0.30	28.22	0.0	0.0
3892	5	440.93	13.60	0.01	-1.60	0.0	-32.61	-9.00	-0.30	28.22	13.60	440.93
		0.0	0.0	-4.88e-04	0.0	45.0	-32.61	-10.60	-0.30	28.22	0.0	0.0
3893	1	651.28	0.40	0.02	-2.08	0.0	-35.45	-13.43	-8.86e-03	22.52	0.40	651.28
		0.0	0.0	-5.07e-03	0.0	45.0	-35.45	-15.51	-8.86e-03	22.52	0.0	0.0
3893	2	528.92	0.31	0.01	-1.60	0.0	-29.42	-10.95	-6.95e-03	18.22	0.31	528.92
		0.0	0.0	-4.10e-03	0.0	45.0	-29.42	-12.55	-6.95e-03	18.22	0.0	0.0
3893	3	488.54	0.29	0.01	-1.60	0.0	-26.12	-10.06	-6.44e-03	16.96	0.29	488.54

		0.0	0.0	-3.81e-03	0.0	45.0	-26.12	-11.66	-6.44e-03	16.96	0.0	0.0
3893	4	407.94	0.27	9.85e-03	-1.60	0.0	-20.52	-8.27	-5.96e-03	14.41	0.27	407.94
		0.0	0.0	-3.24e-03	0.0	45.0	-20.52	-9.87	-5.96e-03	14.41	0.0	0.0
3893	5	407.94	0.27	9.85e-03	-1.60	0.0	-20.52	-8.27	-5.96e-03	14.41	0.27	407.94
		0.0	0.0	-3.24e-03	0.0	45.0	-20.52	-9.87	-5.96e-03	14.41	0.0	0.0
3894	1	624.61	3.22	0.02	-2.08	0.0	-42.67	-12.84	-0.07	12.65	3.22	624.61
		0.0	0.0	-1.28e-03	0.0	45.0	-42.67	-14.92	-0.07	12.65	0.0	0.0
3894	2	507.32	2.60	0.01	-1.60	0.0	-35.40	-10.47	-0.06	10.22	2.60	507.32
		0.0	0.0	-1.03e-03	0.0	45.0	-35.40	-12.07	-0.06	10.22	0.0	0.0
3894	3	468.42	2.44	0.01	-1.60	0.0	-31.33	-9.61	-0.05	9.49	2.44	468.42
		0.0	0.0	-9.66e-04	0.0	45.0	-31.33	-11.21	-0.05	9.49	0.0	0.0
3894	4	390.89	2.12	0.01	-1.60	0.0	-23.43	-7.89	-0.05	8.06	2.12	390.89
		0.0	0.0	-8.24e-04	0.0	45.0	-23.43	-9.49	-0.05	8.06	0.0	0.0
3894	5	390.89	2.12	0.01	-1.60	0.0	-23.43	-7.89	-0.05	8.06	2.12	390.89
		0.0	0.0	-8.24e-04	0.0	45.0	-23.43	-9.49	-0.05	8.06	0.0	0.0
3895	1	669.18	23.77	0.02	-2.08	0.0	-185.92	-13.83	-0.53	31.24	23.77	669.18
		0.0	0.0	2.81e-03	0.0	45.0	-185.92	-15.91	-0.53	31.24	0.0	0.0
3895	2	543.14	19.23	0.02	-1.60	0.0	-150.59	-11.27	-0.43	25.27	19.23	543.14
		0.0	0.0	2.28e-03	0.0	45.0	-150.59	-12.87	-0.43	25.27	0.0	0.0
3895	3	502.23	17.88	0.02	-1.60	0.0	-139.71	-10.36	-0.40	23.50	17.88	502.23
		0.0	0.0	2.11e-03	0.0	45.0	-139.71	-11.96	-0.40	23.50	0.0	0.0
3895	4	420.28	15.15	0.01	-1.60	0.0	-117.83	-8.54	-0.34	19.99	15.15	420.28
		0.0	0.0	1.76e-03	0.0	45.0	-117.83	-10.14	-0.34	19.99	0.0	0.0
3895	5	420.28	15.15	0.01	-1.60	0.0	-117.83	-8.54	-0.34	19.99	15.15	420.28
		0.0	0.0	1.76e-03	0.0	45.0	-117.83	-10.14	-0.34	19.99	0.0	0.0
3896	1	673.28	21.59	0.02	-2.08	0.0	-218.49	-13.92	-0.48	40.29	21.59	673.28
		0.0	0.0	-7.51e-04	0.0	45.0	-218.49	-16.00	-0.48	40.29	0.0	0.0
3896	2	546.47	17.46	0.02	-1.60	0.0	-176.92	-11.34	-0.39	32.58	17.46	546.47
		0.0	0.0	-6.04e-04	0.0	45.0	-176.92	-12.94	-0.39	32.58	0.0	0.0
3896	3	505.20	16.24	0.01	-1.60	0.0	-163.93	-10.43	-0.36	30.30	16.24	505.20
		0.0	0.0	-5.64e-04	0.0	45.0	-163.93	-12.03	-0.36	30.30	0.0	0.0
3896	4	422.80	13.78	0.01	-1.60	0.0	-138.72	-8.60	-0.31	25.69	13.78	422.80
		0.0	0.0	-4.86e-04	0.0	45.0	-138.72	-10.20	-0.31	25.69	0.0	0.0
3896	5	422.80	13.78	0.01	-1.60	0.0	-138.72	-8.60	-0.31	25.69	13.78	422.80
		0.0	0.0	-4.86e-04	0.0	45.0	-138.72	-10.20	-0.31	25.69	0.0	0.0
3897	1	627.34	1.53	0.02	-2.08	0.0	-121.22	-12.90	-0.03	20.21	1.53	627.34
		0.0	0.0	-4.54e-03	0.0	45.0	-121.22	-14.98	-0.03	20.21	0.0	0.0
3897	2	509.53	1.23	0.01	-1.60	0.0	-98.97	-10.52	-0.03	16.34	1.23	509.53
		0.0	0.0	-3.67e-03	0.0	45.0	-98.97	-12.12	-0.03	16.34	0.0	0.0
3897	3	470.41	1.12	0.01	-1.60	0.0	-90.43	-9.65	-0.02	15.20	1.12	470.41
		0.0	0.0	-3.42e-03	0.0	45.0	-90.43	-11.25	-0.02	15.20	0.0	0.0
3897	4	392.57	0.96	9.94e-03	-1.60	0.0	-74.29	-7.92	-0.02	12.96	0.96	392.57
		0.0	0.0	-2.91e-03	0.0	45.0	-74.29	-9.52	-0.02	12.96	0.0	0.0
3897	5	392.57	0.96	9.94e-03	-1.60	0.0	-74.29	-7.92	-0.02	12.96	0.96	392.57
		0.0	0.0	-2.91e-03	0.0	45.0	-74.29	-9.52	-0.02	12.96	0.0	0.0
3898	1	612.48	3.88	0.02	-2.08	0.0	-30.02	-12.57	-0.09	10.50	3.88	612.48
		0.0	0.0	-1.00e-03	0.0	45.0	-30.02	-14.65	-0.09	10.50	0.0	0.0
3898	2	497.49	3.13	0.01	-1.60	0.0	-25.30	-10.26	-0.07	8.48	3.13	497.49
		0.0	0.0	-8.08e-04	0.0	45.0	-25.30	-11.86	-0.07	8.48	0.0	0.0
3898	3	459.25	2.91	0.01	-1.60	0.0	-22.48	-9.41	-0.06	7.85	2.91	459.25
		0.0	0.0	-7.59e-04	0.0	45.0	-22.48	-11.01	-0.06	7.85	0.0	0.0
3898	4	383.34	2.50	0.01	-1.60	0.0	-15.98	-7.72	-0.06	6.67	2.50	383.34
		0.0	0.0	-6.51e-04	0.0	45.0	-15.98	-9.32	-0.06	6.67	0.0	0.0
3898	5	383.34	2.50	0.01	-1.60	0.0	-15.98	-7.72	-0.06	6.67	2.50	383.34
		0.0	0.0	-6.51e-04	0.0	45.0	-15.98	-9.32	-0.06	6.67	0.0	0.0
3899	1	659.50	28.34	0.02	-2.08	0.0	-139.76	-13.62	-0.63	38.92	28.34	659.50
		0.0	0.0	4.91e-03	0.0	45.0	-139.76	-15.70	-0.63	38.92	0.0	0.0
3899	2	535.31	22.91	0.02	-1.60	0.0	-112.85	-11.10	-0.51	31.47	22.91	535.31
		0.0	0.0	3.97e-03	0.0	45.0	-112.85	-12.70	-0.51	31.47	0.0	0.0
3899	3	494.74	21.33	0.02	-1.60	0.0	-105.05	-10.19	-0.47	29.24	21.33	494.74
		0.0	0.0	3.70e-03	0.0	45.0	-105.05	-11.79	-0.47	29.24	0.0	0.0
3899	4	413.86	18.14	0.01	-1.60	0.0	-89.58	-8.40	-0.40	24.83	18.14	413.86
		0.0	0.0	3.14e-03	0.0	45.0	-89.58	-10.00	-0.40	24.83	0.0	0.0
3899	5	413.86	18.14	0.01	-1.60	0.0	-89.58	-8.40	-0.40	24.83	18.14	413.86
		0.0	0.0	3.14e-03	0.0	45.0	-89.58	-10.00	-0.40	24.83	0.0	0.0
3900	1	665.87	24.76	0.02	-2.08	0.0	-149.96	-13.76	-0.55	53.73	24.76	665.87
		0.0	0.0	1.32e-04	0.0	45.0	-149.96	-15.84	-0.55	53.73	0.0	0.0
3900	2	540.53	20.02	0.02	-1.60	0.0	-120.49	-11.21	-0.44	43.44	20.02	540.53
		0.0	0.0	1.09e-04	0.0	45.0	-120.49	-12.81	-0.44	43.44	0.0	0.0
3900	3	499.60	18.62	0.01	-1.60	0.0	-112.97	-10.30	-0.41	40.41	18.62	499.60
		0.0	0.0	9.83e-05	0.0	45.0	-112.97	-11.90	-0.41	40.41	0.0	0.0
3900	4	417.79	15.82	0.01	-1.60	0.0	-98.32	-8.48	-0.35	34.33	15.82	417.79
		0.0	0.0	7.45e-05	0.0	45.0	-98.32	-10.08	-0.35	34.33	0.0	0.0
3900	5	417.79	15.82	0.01	-1.60	0.0	-98.32	-8.48	-0.35	34.33	15.82	417.79
		0.0	0.0	7.45e-05	0.0	45.0	-98.32	-10.08	-0.35	34.33	0.0	0.0
3901	1	667.88	20.21	0.02	-2.08	0.0	-114.99	-13.80	-0.45	54.94	20.21	667.88
		0.0	0.0	-9.21e-04	0.0	45.0	-114.99	-15.88	-0.45	54.94	0.0	0.0

3901	2	542.17	16.34	0.02	-1.60	0.0	-92.00	-11.25	-0.36	44.41	16.34	542.17
		0.0	0.0	-7.40e-04	0.0	45.0	-92.00	-12.85	-0.36	44.41	0.0	0.0
3901	3	501.10	15.20	0.01	-1.60	0.0	-86.59	-10.34	-0.34	41.31	15.20	501.10
		0.0	0.0	-6.98e-04	0.0	45.0	-86.59	-11.94	-0.34	41.31	0.0	0.0
3901	4	419.01	12.92	0.01	-1.60	0.0	-76.58	-8.51	-0.29	35.15	12.92	419.01
		0.0	0.0	-6.05e-04	0.0	45.0	-76.58	-10.11	-0.29	35.15	0.0	0.0
3901	5	419.01	12.92	0.01	-1.60	0.0	-76.58	-8.51	-0.29	35.15	12.92	419.01
		0.0	0.0	-6.05e-04	0.0	45.0	-76.58	-10.11	-0.29	35.15	0.0	0.0
3902	1	630.82	0.0	0.02	-2.08	0.0	33.57	-12.98	0.04	26.30	-1.89	630.82
		0.0	-1.89	-5.68e-03	0.0	45.0	33.57	-15.06	0.04	26.30	0.0	0.0
3902	2	512.46	0.0	0.01	-1.60	0.0	27.37	-10.59	0.03	21.24	-1.53	512.46
		0.0	-1.53	-4.59e-03	0.0	45.0	27.37	-12.19	0.03	21.24	0.0	0.0
3902	3	473.07	0.0	0.01	-1.60	0.0	25.60	-9.71	0.03	19.79	-1.44	473.07
		0.0	-1.44	-4.28e-03	0.0	45.0	25.60	-11.31	0.03	19.79	0.0	0.0
3902	4	394.54	0.0	0.01	-1.60	0.0	20.89	-7.97	0.03	16.88	-1.22	394.54
		0.0	-1.22	-3.65e-03	0.0	45.0	20.89	-9.57	0.03	16.88	0.0	0.0
3902	5	394.54	0.0	0.01	-1.60	0.0	20.89	-7.97	0.03	16.88	-1.22	394.54
		0.0	-1.22	-3.65e-03	0.0	45.0	20.89	-9.57	0.03	16.88	0.0	0.0
3903	1	605.79	1.50	0.02	-2.08	0.0	161.99	-12.42	-0.03	11.64	1.50	605.79
		0.0	0.0	-1.06e-03	0.0	45.0	161.99	-14.50	-0.03	11.64	0.0	0.0
3903	2	492.14	1.21	0.02	-1.60	0.0	131.23	-10.14	-0.03	9.39	1.21	492.14
		0.0	0.0	-8.51e-04	0.0	45.0	131.23	-11.74	-0.03	9.39	0.0	0.0
3903	3	454.07	1.14	0.01	-1.60	0.0	121.34	-9.29	-0.03	8.73	1.14	454.07
		0.0	0.0	-7.98e-04	0.0	45.0	121.34	-10.89	-0.03	8.73	0.0	0.0
3903	4	378.66	0.99	0.01	-1.60	0.0	102.32	-7.61	-0.02	7.44	0.99	378.66
		0.0	0.0	-6.97e-04	0.0	45.0	102.32	-9.21	-0.02	7.44	0.0	0.0
3903	5	378.66	0.99	0.01	-1.60	0.0	102.32	-7.61	-0.02	7.44	0.99	378.66
		0.0	0.0	-6.97e-04	0.0	45.0	102.32	-9.21	-0.02	7.44	0.0	0.0
3904	1	562.99	9.52	0.02	-2.08	0.0	-0.93	-11.47	-0.21	11.95	9.52	562.99
		0.0	0.0	2.05e-04	0.0	45.0	-0.93	-13.55	-0.21	11.95	0.0	0.0
3904	2	457.19	7.70	0.02	-1.60	0.0	-0.77	-9.36	-0.17	9.66	7.70	457.19
		0.0	0.0	1.72e-04	0.0	45.0	-0.77	-10.96	-0.17	9.66	0.0	0.0
3904	3	422.28	7.15	0.02	-1.60	0.0	-0.75	-8.58	-0.16	9.03	7.15	422.28
		0.0	0.0	1.54e-04	0.0	45.0	-0.75	-10.18	-0.16	9.03	0.0	0.0
3904	4	352.60	6.05	0.01	-1.60	0.0	-0.54	-7.04	-0.13	7.65	6.05	352.60
		0.0	0.0	1.08e-04	0.0	45.0	-0.54	-8.64	-0.13	7.65	0.0	0.0
3904	5	352.60	6.05	0.01	-1.60	0.0	-0.54	-7.04	-0.13	7.65	6.05	352.60
		0.0	0.0	1.08e-04	0.0	45.0	-0.54	-8.64	-0.13	7.65	0.0	0.0
3955	1	439.86	21.93	-0.02	-2.08	0.0	-6.33	10.81	0.49	-36.17	0.0	0.0
		0.0	0.0	-4.91e-03	0.0	45.0	-6.33	8.73	0.49	-36.17	21.93	439.86
3955	2	357.22	17.71	-0.02	-1.60	0.0	-5.12	8.74	0.39	-29.18	0.0	0.0
		0.0	0.0	-3.96e-03	0.0	45.0	-5.12	7.14	0.39	-29.18	17.71	357.22
3955	3	329.95	16.50	-0.02	-1.60	0.0	-4.72	8.13	0.37	-27.19	0.0	0.0
		0.0	0.0	-3.69e-03	0.0	45.0	-4.72	6.53	0.37	-27.19	16.50	329.95
3955	4	275.47	14.08	-0.02	-1.60	0.0	-4.03	6.92	0.31	-23.22	0.0	0.0
		0.0	0.0	-3.15e-03	0.0	45.0	-4.03	5.32	0.31	-23.22	14.08	275.47
3955	5	275.47	14.08	-0.02	-1.60	0.0	-4.03	6.92	0.31	-23.22	0.0	0.0
		0.0	0.0	-3.15e-03	0.0	45.0	-4.03	5.32	0.31	-23.22	14.08	275.47
3956	1	453.41	6.46	-0.02	-2.08	0.0	175.96	11.12	0.14	-16.92	0.0	0.0
		0.0	0.0	-1.83e-03	0.0	45.0	175.96	9.04	0.14	-16.92	6.46	453.41
3956	2	368.41	5.21	-0.02	-1.60	0.0	142.16	8.99	0.12	-13.63	0.0	0.0
		0.0	0.0	-1.48e-03	0.0	45.0	142.16	7.39	0.12	-13.63	5.21	368.41
3956	3	340.05	4.86	-0.02	-1.60	0.0	132.32	8.36	0.11	-12.75	0.0	0.0
		0.0	0.0	-1.38e-03	0.0	45.0	132.32	6.76	0.11	-12.75	4.86	340.05
3956	4	283.36	4.18	-0.01	-1.60	0.0	112.59	7.10	0.09	-10.92	0.0	0.0
		0.0	0.0	-1.18e-03	0.0	45.0	112.59	5.50	0.09	-10.92	4.18	283.36
3956	5	283.36	4.18	-0.01	-1.60	0.0	112.59	7.10	0.09	-10.92	0.0	0.0
		0.0	0.0	-1.18e-03	0.0	45.0	112.59	5.50	0.09	-10.92	4.18	283.36
3957	1	454.37	4.05	-0.02	-2.08	0.0	151.68	11.14	0.09	-31.59	0.0	0.0
		0.0	0.0	1.90e-03	0.0	45.0	151.68	9.06	0.09	-31.59	4.05	454.37
3957	2	369.22	3.25	-0.01	-1.60	0.0	122.37	9.01	0.07	-25.51	0.0	0.0
		0.0	0.0	1.54e-03	0.0	45.0	122.37	7.40	0.07	-25.51	3.25	369.22
3957	3	340.76	3.05	-0.01	-1.60	0.0	114.08	8.37	0.07	-23.76	0.0	0.0
		0.0	0.0	1.42e-03	0.0	45.0	114.08	6.77	0.07	-23.76	3.05	340.76
3957	4	283.77	2.64	-0.01	-1.60	0.0	97.68	7.11	0.06	-20.30	0.0	0.0
		0.0	0.0	1.19e-03	0.0	45.0	97.68	5.51	0.06	-20.30	2.64	283.77
3957	5	283.77	2.64	-0.01	-1.60	0.0	97.68	7.11	0.06	-20.30	0.0	0.0
		0.0	0.0	1.19e-03	0.0	45.0	97.68	5.51	0.06	-20.30	2.64	283.77
3958	1	473.28	23.94	-0.01	-2.08	0.0	12.99	11.56	0.53	-50.50	0.0	0.0
		0.0	0.0	-2.01e-03	0.0	45.0	12.99	9.48	0.53	-50.50	23.94	473.28
3958	2	384.42	19.35	-0.01	-1.60	0.0	10.36	9.34	0.43	-40.81	0.0	0.0
		0.0	0.0	-1.62e-03	0.0	45.0	10.36	7.74	0.43	-40.81	19.35	384.42
3958	3	355.01	18.00	-0.01	-1.60	0.0	9.81	8.69	0.40	-37.95	0.0	0.0
		0.0	0.0	-1.51e-03	0.0	45.0	9.81	7.09	0.40	-37.95	18.00	355.01
3958	4	296.22	15.30	-9.39e-03	-1.60	0.0	8.59	7.38	0.34	-32.30	0.0	0.0
		0.0	0.0	-1.29e-03	0.0	45.0	8.59	5.78	0.34	-32.30	15.30	296.22
3958	5	296.22	15.30	-9.39e-03	-1.60	0.0	8.59	7.38	0.34	-32.30	0.0	0.0





		0.0	0.0	-1.29e-03	0.0	45.0	8.59	5.78	0.34	-32.30	15.30	296.22
3959	1	474.07	27.43	-0.01	-2.08	0.0	-77.41	11.58	0.61	-40.66	0.0	0.0
		0.0	0.0	-5.79e-03	0.0	45.0	-77.41	9.49	0.61	-40.66	27.43	474.07
3959	2	385.06	22.19	-0.01	-1.60	0.0	-62.86	9.36	0.49	-32.87	0.0	0.0
		0.0	0.0	-4.68e-03	0.0	45.0	-62.86	7.76	0.49	-32.87	22.19	385.06
3959	3	355.64	20.64	-0.01	-1.60	0.0	-58.13	8.70	0.46	-30.56	0.0	0.0
		0.0	0.0	-4.35e-03	0.0	45.0	-58.13	7.10	0.46	-30.56	20.64	355.64
3959	4	296.80	17.54	-9.09e-03	-1.60	0.0	-48.85	7.40	0.39	-26.00	0.0	0.0
		0.0	0.0	-3.71e-03	0.0	45.0	-48.85	5.80	0.39	-26.00	17.54	296.80
3959	5	296.80	17.54	-9.09e-03	-1.60	0.0	-48.85	7.40	0.39	-26.00	0.0	0.0
		0.0	0.0	-3.71e-03	0.0	45.0	-48.85	5.80	0.39	-26.00	17.54	296.80
3960	1	459.73	7.36	-0.01	-2.08	0.0	-100.92	11.26	0.16	-22.53	0.0	0.0
		0.0	0.0	-1.58e-03	0.0	45.0	-100.92	9.18	0.16	-22.53	7.36	459.73
3960	2	373.51	5.94	-0.01	-1.60	0.0	-82.11	9.10	0.13	-18.19	0.0	0.0
		0.0	0.0	-1.27e-03	0.0	45.0	-82.11	7.50	0.13	-18.19	5.94	373.51
3960	3	344.80	5.53	-9.78e-03	-1.60	0.0	-75.59	8.46	0.12	-16.97	0.0	0.0
		0.0	0.0	-1.19e-03	0.0	45.0	-75.59	6.86	0.12	-16.97	5.53	344.80
3960	4	287.41	4.72	-8.20e-03	-1.60	0.0	-62.77	7.19	0.10	-14.55	0.0	0.0
		0.0	0.0	-1.02e-03	0.0	45.0	-62.77	5.59	0.10	-14.55	4.72	287.41
3960	5	287.41	4.72	-8.20e-03	-1.60	0.0	-62.77	7.19	0.10	-14.55	0.0	0.0
		0.0	0.0	-1.02e-03	0.0	45.0	-62.77	5.59	0.10	-14.55	4.72	287.41
3961	1	457.05	4.45	-0.01	-2.08	0.0	-132.50	11.20	0.10	-37.64	0.0	0.0
		0.0	0.0	1.98e-03	0.0	45.0	-132.50	9.12	0.10	-37.64	4.45	457.05
3961	2	371.37	3.58	-9.96e-03	-1.60	0.0	-107.76	9.05	0.08	-30.40	0.0	0.0
		0.0	0.0	1.61e-03	0.0	45.0	-107.76	7.45	0.08	-30.40	3.58	371.37
3961	3	342.77	3.35	-9.21e-03	-1.60	0.0	-99.27	8.42	0.07	-28.32	0.0	0.0
		0.0	0.0	1.49e-03	0.0	45.0	-99.27	6.82	0.07	-28.32	3.35	342.77
3961	4	285.56	2.93	-7.69e-03	-1.60	0.0	-82.32	7.15	0.07	-24.14	0.0	0.0
		0.0	0.0	1.23e-03	0.0	45.0	-82.32	5.55	0.07	-24.14	2.93	285.56
3961	5	285.56	2.93	-7.69e-03	-1.60	0.0	-82.32	7.15	0.07	-24.14	0.0	0.0
		0.0	0.0	1.23e-03	0.0	45.0	-82.32	5.55	0.07	-24.14	2.93	285.56
3962	1	466.81	23.11	-0.01	-2.08	0.0	-182.11	11.41	0.51	-54.03	0.0	0.0
		0.0	0.0	-1.99e-03	0.0	45.0	-182.11	9.33	0.51	-54.03	23.11	466.81
3962	2	379.19	18.69	-0.01	-1.60	0.0	-147.72	9.23	0.42	-43.69	0.0	0.0
		0.0	0.0	-1.60e-03	0.0	45.0	-147.72	7.63	0.42	-43.69	18.69	379.19
3962	3	350.17	17.38	-9.68e-03	-1.60	0.0	-136.72	8.58	0.39	-40.63	0.0	0.0
		0.0	0.0	-1.49e-03	0.0	45.0	-136.72	6.98	0.39	-40.63	17.38	350.17
3962	4	292.12	14.76	-8.10e-03	-1.60	0.0	-114.75	7.29	0.33	-34.55	0.0	0.0
		0.0	0.0	-1.28e-03	0.0	45.0	-114.75	5.69	0.33	-34.55	14.76	292.12
3962	5	292.12	14.76	-8.10e-03	-1.60	0.0	-114.75	7.29	0.33	-34.55	0.0	0.0
		0.0	0.0	-1.28e-03	0.0	45.0	-114.75	5.69	0.33	-34.55	14.76	292.12
3963	1	469.63	25.62	-0.01	-2.08	0.0	-196.05	11.48	0.57	-42.00	0.0	0.0
		0.0	0.0	-5.25e-03	0.0	45.0	-196.05	9.40	0.57	-42.00	25.62	469.63
3963	2	381.46	20.71	-0.01	-1.60	0.0	-158.96	9.28	0.46	-33.95	0.0	0.0
		0.0	0.0	-4.24e-03	0.0	45.0	-158.96	7.68	0.46	-33.95	20.71	381.46
3963	3	352.25	19.28	-0.01	-1.60	0.0	-147.12	8.63	0.43	-31.56	0.0	0.0
		0.0	0.0	-3.95e-03	0.0	45.0	-147.12	7.03	0.43	-31.56	19.28	352.25
3963	4	293.89	16.38	-8.52e-03	-1.60	0.0	-123.68	7.33	0.36	-26.79	0.0	0.0
		0.0	0.0	-3.36e-03	0.0	45.0	-123.68	5.73	0.36	-26.79	16.38	293.89
3963	5	293.89	16.38	-8.52e-03	-1.60	0.0	-123.68	7.33	0.36	-26.79	0.0	0.0
		0.0	0.0	-3.36e-03	0.0	45.0	-123.68	5.73	0.36	-26.79	16.38	293.89
3964	1	454.82	6.48	-0.01	-2.08	0.0	-168.46	11.15	0.14	-24.08	0.0	0.0
		0.0	0.0	-1.29e-03	0.0	45.0	-168.46	9.07	0.14	-24.08	6.48	454.82
3964	2	369.60	5.23	-0.01	-1.60	0.0	-136.81	9.01	0.12	-19.44	0.0	0.0
		0.0	0.0	-1.04e-03	0.0	45.0	-136.81	7.41	0.12	-19.44	5.23	369.60
3964	3	341.08	4.86	-9.67e-03	-1.60	0.0	-126.24	8.38	0.11	-18.09	0.0	0.0
		0.0	0.0	-9.73e-04	0.0	45.0	-126.24	6.78	0.11	-18.09	4.86	341.08
3964	4	284.09	4.15	-8.09e-03	-1.60	0.0	-105.45	7.11	0.09	-15.47	0.0	0.0
		0.0	0.0	-8.34e-04	0.0	45.0	-105.45	5.51	0.09	-15.47	4.15	284.09
3964	5	284.09	4.15	-8.09e-03	-1.60	0.0	-105.45	7.11	0.09	-15.47	0.0	0.0
		0.0	0.0	-8.34e-04	0.0	45.0	-105.45	5.51	0.09	-15.47	4.15	284.09
3965	1	437.71	3.51	-0.01	-2.08	0.0	-163.86	10.77	0.08	-38.25	0.0	0.0
		0.0	0.0	3.96e-03	0.0	45.0	-163.86	8.69	0.08	-38.25	3.51	437.71
3965	2	355.86	2.83	-9.13e-03	-1.60	0.0	-133.00	8.71	0.06	-30.89	0.0	0.0
		0.0	0.0	3.20e-03	0.0	45.0	-133.00	7.11	0.06	-30.89	2.83	355.86
3965	3	328.14	2.62	-8.42e-03	-1.60	0.0	-122.77	8.09	0.06	-28.78	0.0	0.0
		0.0	0.0	2.98e-03	0.0	45.0	-122.77	6.49	0.06	-28.78	2.62	328.14
3965	4	272.78	2.25	-7.01e-03	-1.60	0.0	-102.75	6.86	0.05	-24.58	0.0	0.0
		0.0	0.0	2.53e-03	0.0	45.0	-102.75	5.26	0.05	-24.58	2.25	272.78
3965	5	272.78	2.25	-7.01e-03	-1.60	0.0	-102.75	6.86	0.05	-24.58	0.0	0.0
		0.0	0.0	2.53e-03	0.0	45.0	-102.75	5.26	0.05	-24.58	2.25	272.78
3966	1	454.89	27.11	-0.01	-2.08	0.0	-258.22	11.15	0.60	-59.99	0.0	0.0
		0.0	0.0	-1.31e-03	0.0	45.0	-258.22	9.07	0.60	-59.99	27.11	454.89
3966	2	369.71	21.91	-0.01	-1.60	0.0	-208.65	9.02	0.49	-48.49	0.0	0.0
		0.0	0.0	-1.06e-03	0.0	45.0	-208.65	7.42	0.49	-48.49	21.91	369.71
3966	3	341.09	20.39	-9.81e-03	-1.60	0.0	-194.04	8.38	0.45	-45.12	0.0	0.0
		0.0	0.0	-9.87e-04	0.0	45.0	-194.04	6.78	0.45	-45.12	20.39	341.09



3966	4	283.91	17.33	-8.21e-03	-1.60	0.0	-165.15	7.11	0.39	-38.38	0.0	0.0
		0.0	0.0	-8.48e-04	0.0	45.0	-165.15	5.51	0.39	-38.38	17.33	283.91
3966	5	283.91	17.33	-8.21e-03	-1.60	0.0	-165.15	7.11	0.39	-38.38	0.0	0.0
		0.0	0.0	-8.48e-04	0.0	45.0	-165.15	5.51	0.39	-38.38	17.33	283.91
3967	1	456.25	30.16	-0.01	-2.08	0.0	-310.55	11.18	0.67	-55.53	0.0	0.0
		0.0	0.0	-2.32e-03	0.0	45.0	-310.55	9.10	0.67	-55.53	30.16	456.25
3967	2	370.81	24.38	-0.01	-1.60	0.0	-250.40	9.04	0.54	-44.89	0.0	0.0
		0.0	0.0	-1.87e-03	0.0	45.0	-250.40	7.44	0.54	-44.89	24.38	370.81
3967	3	342.13	22.69	-0.01	-1.60	0.0	-233.68	8.40	0.50	-41.76	0.0	0.0
		0.0	0.0	-1.75e-03	0.0	45.0	-233.68	6.80	0.50	-41.76	22.69	342.13
3967	4	284.80	19.30	-9.28e-03	-1.60	0.0	-200.46	7.13	0.43	-35.49	0.0	0.0
		0.0	0.0	-1.50e-03	0.0	45.0	-200.46	5.53	0.43	-35.49	19.30	284.80
3967	5	284.80	19.30	-9.28e-03	-1.60	0.0	-200.46	7.13	0.43	-35.49	0.0	0.0
		0.0	0.0	-1.50e-03	0.0	45.0	-200.46	5.53	0.43	-35.49	19.30	284.80
3968	1	469.55	31.19	-0.02	-2.08	0.0	-329.58	11.47	0.69	-42.69	0.0	0.0
		0.0	0.0	-6.43e-03	0.0	45.0	-329.58	9.39	0.69	-42.69	31.19	469.55
3968	2	381.52	25.20	-0.01	-1.60	0.0	-265.37	9.28	0.56	-34.51	0.0	0.0
		0.0	0.0	-5.20e-03	0.0	45.0	-265.37	7.68	0.56	-34.51	25.20	381.52
3968	3	352.12	23.47	-0.01	-1.60	0.0	-248.16	8.62	0.52	-32.08	0.0	0.0
		0.0	0.0	-4.85e-03	0.0	45.0	-248.16	7.02	0.52	-32.08	23.47	352.12
3968	4	293.40	19.99	-0.01	-1.60	0.0	-213.98	7.32	0.44	-27.28	0.0	0.0
		0.0	0.0	-4.13e-03	0.0	45.0	-213.98	5.72	0.44	-27.28	19.99	293.40
3968	5	293.40	19.99	-0.01	-1.60	0.0	-213.98	7.32	0.44	-27.28	0.0	0.0
		0.0	0.0	-4.13e-03	0.0	45.0	-213.98	5.72	0.44	-27.28	19.99	293.40
3969	1	488.75	8.20	-0.02	-2.08	0.0	-295.52	11.90	0.18	-20.93	0.0	0.0
		0.0	0.0	-1.32e-03	0.0	45.0	-295.52	9.82	0.18	-20.93	8.20	488.75
3969	2	396.96	6.60	-0.02	-1.60	0.0	-237.72	9.62	0.15	-16.89	0.0	0.0
		0.0	0.0	-1.06e-03	0.0	45.0	-237.72	8.02	0.15	-16.89	6.60	396.96
3969	3	366.60	6.15	-0.01	-1.60	0.0	-222.68	8.95	0.14	-15.77	0.0	0.0
		0.0	0.0	-9.97e-04	0.0	45.0	-222.68	7.35	0.14	-15.77	6.15	366.60
3969	4	305.95	5.27	-0.01	-1.60	0.0	-192.67	7.60	0.12	-13.50	0.0	0.0
		0.0	0.0	-8.67e-04	0.0	45.0	-192.67	6.00	0.12	-13.50	5.27	305.95
3969	5	305.95	5.27	-0.01	-1.60	0.0	-192.67	7.60	0.12	-13.50	0.0	0.0
		0.0	0.0	-8.67e-04	0.0	45.0	-192.67	6.00	0.12	-13.50	5.27	305.95
3970	1	442.50	4.01	-0.02	-2.08	0.0	-177.86	10.87	0.09	-28.14	0.0	0.0
		0.0	0.0	-1.71e-04	0.0	45.0	-177.86	8.79	0.09	-28.14	4.01	442.50
3970	2	359.37	3.23	-0.02	-1.60	0.0	-142.82	8.79	0.07	-22.72	0.0	0.0
		0.0	0.0	-1.31e-04	0.0	45.0	-142.82	7.19	0.07	-22.72	3.23	359.37
3970	3	331.96	3.03	-0.02	-1.60	0.0	-134.20	8.18	0.07	-21.15	0.0	0.0
		0.0	0.0	-1.28e-04	0.0	45.0	-134.20	6.58	0.07	-21.15	3.03	331.96
3970	4	277.10	2.62	-0.01	-1.60	0.0	-116.77	6.96	0.06	-18.05	0.0	0.0
		0.0	0.0	-1.32e-04	0.0	45.0	-116.77	5.36	0.06	-18.05	2.62	277.10
3970	5	277.10	2.62	-0.01	-1.60	0.0	-116.77	6.96	0.06	-18.05	0.0	0.0
		0.0	0.0	-1.32e-04	0.0	45.0	-116.77	5.36	0.06	-18.05	2.62	277.10
3971	1	449.48	0.0	0.01	-2.08	0.0	-175.24	-8.95	0.13	16.25	-5.63	449.48
		0.0	-5.63	-1.23e-03	0.0	45.0	-175.24	-11.03	0.13	16.25	0.0	0.0
3971	2	365.51	0.0	0.01	-1.60	0.0	-142.13	-7.32	0.10	13.16	-4.54	365.51
		0.0	-4.54	-9.94e-04	0.0	45.0	-142.13	-8.92	0.10	13.16	0.0	0.0
3971	3	336.95	0.0	9.58e-03	-1.60	0.0	-131.32	-6.69	0.09	12.27	-4.21	336.95
		0.0	-4.21	-9.24e-04	0.0	45.0	-131.32	-8.29	0.09	12.27	0.0	0.0
3971	4	279.87	0.0	8.00e-03	-1.60	0.0	-110.09	-5.42	0.08	10.36	-3.60	279.87
		0.0	-3.60	-7.95e-04	0.0	45.0	-110.09	-7.02	0.08	10.36	0.0	0.0
3971	5	279.87	0.0	8.00e-03	-1.60	0.0	-110.09	-5.42	0.08	10.36	-3.60	279.87
		0.0	-3.60	-7.95e-04	0.0	45.0	-110.09	-7.02	0.08	10.36	0.0	0.0
3972	1	455.47	0.0	0.01	-2.08	0.0	-203.18	-9.08	0.19	-14.63	-8.34	455.47
		0.0	-8.34	-1.66e-03	0.0	45.0	-203.18	-11.16	0.19	-14.63	0.0	0.0
3972	2	370.31	0.0	0.01	-1.60	0.0	-164.68	-7.43	0.15	-11.81	-6.72	370.31
		0.0	-6.72	-1.34e-03	0.0	45.0	-164.68	-9.03	0.15	-11.81	0.0	0.0
3972	3	341.48	0.0	9.90e-03	-1.60	0.0	-152.48	-6.79	0.14	-11.01	-6.26	341.48
		0.0	-6.26	-1.26e-03	0.0	45.0	-152.48	-8.39	0.14	-11.01	0.0	0.0
3972	4	283.86	0.0	8.28e-03	-1.60	0.0	-128.34	-5.51	0.12	-9.41	-5.37	283.86
		0.0	-5.37	-1.08e-03	0.0	45.0	-128.34	-7.11	0.12	-9.41	0.0	0.0
3972	5	283.86	0.0	8.28e-03	-1.60	0.0	-128.34	-5.51	0.12	-9.41	-5.37	283.86
		0.0	-5.37	-1.08e-03	0.0	45.0	-128.34	-7.11	0.12	-9.41	0.0	0.0
3973	1	466.95	0.0	0.01	-2.08	0.0	-161.17	-9.34	0.71	-53.01	-32.15	466.95
		0.0	-32.15	-1.79e-03	0.0	45.0	-161.17	-11.42	0.71	-53.01	0.0	0.0
3973	2	379.54	0.0	0.01	-1.60	0.0	-131.03	-7.63	0.58	-42.86	-25.98	379.54
		0.0	-25.98	-1.45e-03	0.0	45.0	-131.03	-9.23	0.58	-42.86	0.0	0.0
3973	3	350.15	0.0	0.01	-1.60	0.0	-120.67	-6.98	0.54	-39.91	-24.19	350.15
		0.0	-24.19	-1.35e-03	0.0	45.0	-120.67	-8.58	0.54	-39.91	0.0	0.0
3973	4	291.35	0.0	8.91e-03	-1.60	0.0	-100.21	-5.67	0.46	-33.91	-20.59	291.35
		0.0	-20.59	-1.15e-03	0.0	45.0	-100.21	-7.27	0.46	-33.91	0.0	0.0
3973	5	291.35	0.0	8.91e-03	-1.60	0.0	-100.21	-5.67	0.46	-33.91	-20.59	291.35
		0.0	-20.59	-1.15e-03	0.0	45.0	-100.21	-7.27	0.46	-33.91	0.0	0.0
3974	1	451.66	0.0	0.01	-2.08	0.0	-88.88	-9.00	0.63	-20.71	-28.13	451.66
		0.0	-28.13	-1.52e-03	0.0	45.0	-88.88	-11.08	0.63	-20.71	0.0	0.0
3974	2	367.26	0.0	0.01	-1.60	0.0	-73.21	-7.36	0.51	-16.75	-22.74	367.26

		0.0	-22.74	-1.22e-03	0.0	45.0	-73.21	-8.96	0.51	-16.75	0.0	0.0
3974	3	338.61	0.0	9.56e-03	-1.60	0.0	-66.07	-6.72	0.47	-15.58	-21.16	338.61
		0.0	-21.16	-1.14e-03	0.0	45.0	-66.07	-8.32	0.47	-15.58	0.0	0.0
3974	4	281.32	0.0	7.97e-03	-1.60	0.0	-52.10	-5.45	0.40	-13.26	-18.00	281.32
		0.0	-18.00	-9.81e-04	0.0	45.0	-52.10	-7.05	0.40	-13.26	0.0	0.0
3974	5	281.32	0.0	7.97e-03	-1.60	0.0	-52.10	-5.45	0.40	-13.26	-18.00	281.32
		0.0	-18.00	-9.81e-04	0.0	45.0	-52.10	-7.05	0.40	-13.26	0.0	0.0
3975	1	443.36	0.0	0.01	-2.08	0.0	-52.38	-8.81	0.53	-5.12	-23.66	443.36
		0.0	-23.66	-1.01e-03	0.0	45.0	-52.38	-10.89	0.53	-5.12	0.0	0.0
3975	2	360.62	0.0	8.86e-03	-1.60	0.0	-44.13	-7.21	0.43	-4.13	-19.13	360.62
		0.0	-19.13	-8.14e-04	0.0	45.0	-44.13	-8.81	0.43	-4.13	0.0	0.0
3975	3	332.35	0.0	8.15e-03	-1.60	0.0	-38.55	-6.59	0.40	-3.84	-17.79	332.35
		0.0	-17.79	-7.65e-04	0.0	45.0	-38.55	-8.19	0.40	-3.84	0.0	0.0
3975	4	275.82	0.0	6.74e-03	-1.60	0.0	-27.61	-5.33	0.34	-3.30	-15.15	275.82
		0.0	-15.15	-6.64e-04	0.0	45.0	-27.61	-6.93	0.34	-3.30	0.0	0.0
3975	5	275.82	0.0	6.74e-03	-1.60	0.0	-27.61	-5.33	0.34	-3.30	-15.15	275.82
		0.0	-15.15	-6.64e-04	0.0	45.0	-27.61	-6.93	0.34	-3.30	0.0	0.0
3976	1	436.70	0.0	8.77e-03	-2.08	0.0	-60.18	-8.66	0.05	27.78	-2.45	436.70
		0.0	-2.45	-6.59e-04	0.0	45.0	-60.18	-10.74	0.05	27.78	0.0	0.0
3976	2	355.30	0.0	7.17e-03	-1.60	0.0	-50.67	-7.10	0.04	22.47	-1.96	355.30
		0.0	-1.96	-5.29e-04	0.0	45.0	-50.67	-8.70	0.04	22.47	0.0	0.0
3976	3	327.32	0.0	6.55e-03	-1.60	0.0	-44.24	-6.47	0.04	20.90	-1.82	327.32
		0.0	-1.82	-4.98e-04	0.0	45.0	-44.24	-8.07	0.04	20.90	0.0	0.0
3976	4	271.33	0.0	5.31e-03	-1.60	0.0	-31.61	-5.23	0.04	17.75	-1.58	271.33
		0.0	-1.58	-4.35e-04	0.0	45.0	-31.61	-6.83	0.04	17.75	0.0	0.0
3976	5	271.33	0.0	5.31e-03	-1.60	0.0	-31.61	-5.23	0.04	17.75	-1.58	271.33
		0.0	-1.58	-4.35e-04	0.0	45.0	-31.61	-6.83	0.04	17.75	0.0	0.0
3977	1	429.77	0.0	6.86e-03	-2.08	0.0	-111.67	-8.51	0.13	-3.03	-5.76	429.77
		0.0	-5.76	-8.35e-04	0.0	45.0	-111.67	-10.59	0.13	-3.03	0.0	0.0
3977	2	349.75	0.0	5.65e-03	-1.60	0.0	-92.32	-6.97	0.10	-2.46	-4.65	349.75
		0.0	-4.65	-6.70e-04	0.0	45.0	-92.32	-8.57	0.10	-2.46	0.0	0.0
3977	3	322.08	0.0	5.11e-03	-1.60	0.0	-82.86	-6.36	0.10	-2.31	-4.35	322.08
		0.0	-4.35	-6.35e-04	0.0	45.0	-82.86	-7.96	0.10	-2.31	0.0	0.0
3977	4	266.73	0.0	4.02e-03	-1.60	0.0	-64.33	-5.13	0.08	-1.96	-3.73	266.73
		0.0	-3.73	-5.58e-04	0.0	45.0	-64.33	-6.73	0.08	-1.96	0.0	0.0
3977	5	266.73	0.0	4.02e-03	-1.60	0.0	-64.33	-5.13	0.08	-1.96	-3.73	266.73
		0.0	-3.73	-5.58e-04	0.0	45.0	-64.33	-6.73	0.08	-1.96	0.0	0.0
3978	1	426.15	0.0	6.66e-03	-2.08	0.0	-236.52	-8.43	0.28	-15.94	-12.58	426.15
		0.0	-12.58	-1.89e-03	0.0	45.0	-236.52	-10.51	0.28	-15.94	0.0	0.0
3978	2	346.86	0.0	5.51e-03	-1.60	0.0	-192.66	-6.91	0.23	-12.92	-10.17	346.86
		0.0	-10.17	-1.53e-03	0.0	45.0	-192.66	-8.51	0.23	-12.92	0.0	0.0
3978	3	319.32	0.0	4.95e-03	-1.60	0.0	-177.06	-6.30	0.21	-11.97	-9.45	319.32
		0.0	-9.45	-1.42e-03	0.0	45.0	-177.06	-7.90	0.21	-11.97	0.0	0.0
3978	4	264.28	0.0	3.82e-03	-1.60	0.0	-146.15	-5.07	0.18	-10.09	-8.02	264.28
		0.0	-8.02	-1.22e-03	0.0	45.0	-146.15	-6.67	0.18	-10.09	0.0	0.0
3978	5	264.28	0.0	3.82e-03	-1.60	0.0	-146.15	-5.07	0.18	-10.09	-8.02	264.28
		0.0	-8.02	-1.22e-03	0.0	45.0	-146.15	-6.67	0.18	-10.09	0.0	0.0
3979	1	454.17	0.0	-2.38e-03	-2.08	0.0	-395.69	-9.05	0.08	16.35	-3.80	454.17
		0.0	-3.80	-1.26e-03	0.0	45.0	-395.69	-11.13	0.08	16.35	0.0	0.0
3979	2	369.36	0.0	-1.92e-03	-1.60	0.0	-320.86	-7.41	0.07	13.23	-3.05	369.36
		0.0	-3.05	-1.02e-03	0.0	45.0	-320.86	-9.01	0.07	13.23	0.0	0.0
3979	3	340.48	0.0	-1.79e-03	-1.60	0.0	-297.03	-6.77	0.06	12.29	-2.86	340.48
		0.0	-2.86	-9.51e-04	0.0	45.0	-297.03	-8.37	0.06	12.29	0.0	0.0
3979	4	282.71	0.0	-1.54e-03	-1.60	0.0	-249.42	-5.48	0.05	10.45	-2.46	282.71
		0.0	-2.46	-8.18e-04	0.0	45.0	-249.42	-7.08	0.05	10.45	0.0	0.0
3979	5	282.71	0.0	-1.54e-03	-1.60	0.0	-249.42	-5.48	0.05	10.45	-2.46	282.71
		0.0	-2.46	-8.18e-04	0.0	45.0	-249.42	-7.08	0.05	10.45	0.0	0.0
3980	1	490.70	0.0	6.29e-03	-2.08	0.0	-485.65	-9.86	0.14	-10.78	-6.19	490.70
		0.0	-6.19	-1.78e-03	0.0	45.0	-485.65	-11.94	0.14	-10.78	0.0	0.0
3980	2	398.88	0.0	5.12e-03	-1.60	0.0	-393.50	-8.06	0.11	-8.70	-4.98	398.88
		0.0	-4.98	-1.44e-03	0.0	45.0	-393.50	-9.66	0.11	-8.70	0.0	0.0
3980	3	367.95	0.0	4.71e-03	-1.60	0.0	-364.67	-7.38	0.10	-8.12	-4.67	367.95
		0.0	-4.67	-1.34e-03	0.0	45.0	-364.67	-8.98	0.10	-8.12	0.0	0.0
3980	4	306.06	0.0	3.90e-03	-1.60	0.0	-307.10	-6.00	0.09	-6.92	-4.01	306.06
		0.0	-4.01	-1.15e-03	0.0	45.0	-307.10	-7.60	0.09	-6.92	0.0	0.0
3980	5	306.06	0.0	3.90e-03	-1.60	0.0	-307.10	-6.00	0.09	-6.92	-4.01	306.06
		0.0	-4.01	-1.15e-03	0.0	45.0	-307.10	-7.60	0.09	-6.92	0.0	0.0
3981	1	498.75	0.0	0.01	-2.08	0.0	-404.51	-10.04	0.59	-42.69	-26.47	498.75
		0.0	-26.47	-2.61e-03	0.0	45.0	-404.51	-12.12	0.59	-42.69	0.0	0.0
3981	2	405.33	0.0	8.71e-03	-1.60	0.0	-327.87	-8.21	0.48	-34.54	-21.41	405.33
		0.0	-21.41	-2.11e-03	0.0	45.0	-327.87	-9.81	0.48	-34.54	0.0	0.0
3981	3	374.01	0.0	8.05e-03	-1.60	0.0	-303.65	-7.51	0.44	-32.08	-19.90	374.01
		0.0	-19.90	-1.96e-03	0.0	45.0	-303.65	-9.11	0.44	-32.08	0.0	0.0
3981	4	311.40	0.0	6.73e-03	-1.60	0.0	-255.33	-6.12	0.38	-27.22	-16.92	311.40
		0.0	-16.92	-1.68e-03	0.0	45.0	-255.33	-7.72	0.38	-27.22	0.0	0.0
3981	5	311.40	0.0	6.73e-03	-1.60	0.0	-255.33	-6.12	0.38	-27.22	-16.92	311.40
		0.0	-16.92	-1.68e-03	0.0	45.0	-255.33	-7.72	0.38	-27.22	0.0	0.0

3982	1	479.05	0.0	0.01	-2.08	0.0	-294.70	-9.61	0.55	-13.62	-24.55	479.05
		0.0	-24.55	-2.13e-03	0.0	45.0	-294.70	-11.69	0.55	-13.62	0.0	0.0
3982	2	389.46	0.0	9.82e-03	-1.60	0.0	-239.14	-7.85	0.44	-11.02	-19.85	389.46
		0.0	-19.85	-1.72e-03	0.0	45.0	-239.14	-9.45	0.44	-11.02	0.0	0.0
3982	3	359.20	0.0	9.07e-03	-1.60	0.0	-221.19	-7.18	0.41	-10.24	-18.46	359.20
		0.0	-18.46	-1.60e-03	0.0	45.0	-221.19	-8.78	0.41	-10.24	0.0	0.0
3982	4	298.68	0.0	7.58e-03	-1.60	0.0	-185.15	-5.84	0.35	-8.72	-15.70	298.68
		0.0	-15.70	-1.37e-03	0.0	45.0	-185.15	-7.44	0.35	-8.72	0.0	0.0
3982	5	298.68	0.0	7.58e-03	-1.60	0.0	-185.15	-5.84	0.35	-8.72	-15.70	298.68
		0.0	-15.70	-1.37e-03	0.0	45.0	-185.15	-7.44	0.35	-8.72	0.0	0.0
3983	1	463.78	0.0	0.01	-2.08	0.0	-245.04	-9.27	0.10	19.54	-4.48	463.78
		0.0	-4.48	-1.18e-03	0.0	45.0	-245.04	-11.35	0.10	19.54	0.0	0.0
3983	2	377.11	0.0	0.01	-1.60	0.0	-198.82	-7.58	0.08	15.83	-3.61	377.11
		0.0	-3.61	-9.49e-04	0.0	45.0	-198.82	-9.18	0.08	15.83	0.0	0.0
3983	3	347.71	0.0	9.33e-03	-1.60	0.0	-183.99	-6.93	0.07	14.70	-3.36	347.71
		0.0	-3.36	-8.82e-04	0.0	45.0	-183.99	-8.53	0.07	14.70	0.0	0.0
3983	4	288.88	0.0	7.78e-03	-1.60	0.0	-154.13	-5.62	0.06	12.40	-2.90	288.88
		0.0	-2.90	-7.64e-04	0.0	45.0	-154.13	-7.22	0.06	12.40	0.0	0.0
3983	5	288.88	0.0	7.78e-03	-1.60	0.0	-154.13	-5.62	0.06	12.40	-2.90	288.88
		0.0	-2.90	-7.64e-04	0.0	45.0	-154.13	-7.22	0.06	12.40	0.0	0.0
3984	1	463.39	0.0	0.01	-2.08	0.0	-222.66	-9.26	0.18	-12.48	-8.07	463.39
		0.0	-8.07	-1.72e-03	0.0	45.0	-222.66	-11.34	0.18	-12.48	0.0	0.0
3984	2	376.76	0.0	0.01	-1.60	0.0	-180.58	-7.57	0.14	-10.08	-6.51	376.76
		0.0	-6.51	-1.39e-03	0.0	45.0	-180.58	-9.17	0.14	-10.08	0.0	0.0
3984	3	347.45	0.0	9.93e-03	-1.60	0.0	-167.32	-6.92	0.14	-9.41	-6.09	347.45
		0.0	-6.09	-1.30e-03	0.0	45.0	-167.32	-8.52	0.14	-9.41	0.0	0.0
3984	4	288.79	0.0	8.30e-03	-1.60	0.0	-140.68	-5.62	0.12	-8.09	-5.26	288.79
		0.0	-5.26	-1.13e-03	0.0	45.0	-140.68	-7.22	0.12	-8.09	0.0	0.0
3984	5	288.79	0.0	8.30e-03	-1.60	0.0	-140.68	-5.62	0.12	-8.09	-5.26	288.79
		0.0	-5.26	-1.13e-03	0.0	45.0	-140.68	-7.22	0.12	-8.09	0.0	0.0
3985	1	463.35	0.0	0.01	-2.08	0.0	-192.36	-9.26	0.62	-43.58	-27.92	463.35
		0.0	-27.92	-2.74e-03	0.0	45.0	-192.36	-11.34	0.62	-43.58	0.0	0.0
3985	2	376.68	0.0	0.01	-1.60	0.0	-156.05	-7.57	0.50	-35.26	-22.57	376.68
		0.0	-22.57	-2.21e-03	0.0	45.0	-156.05	-9.17	0.50	-35.26	0.0	0.0
3985	3	347.45	0.0	0.01	-1.60	0.0	-144.43	-6.92	0.47	-32.76	-20.99	347.45
		0.0	-20.99	-2.06e-03	0.0	45.0	-144.43	-8.52	0.47	-32.76	0.0	0.0
3985	4	288.99	0.0	8.65e-03	-1.60	0.0	-121.42	-5.62	0.40	-27.73	-17.82	288.99
		0.0	-17.82	-1.76e-03	0.0	45.0	-121.42	-7.22	0.40	-27.73	0.0	0.0
3985	5	288.99	0.0	8.65e-03	-1.60	0.0	-121.42	-5.62	0.40	-27.73	-17.82	288.99
		0.0	-17.82	-1.76e-03	0.0	45.0	-121.42	-7.22	0.40	-27.73	0.0	0.0
3986	1	454.75	0.0	0.01	-2.08	0.0	-163.20	-9.07	0.55	-14.41	-24.94	454.75
		0.0	-24.94	-2.35e-03	0.0	45.0	-163.20	-11.15	0.55	-14.41	0.0	0.0
3986	2	369.75	0.0	0.01	-1.60	0.0	-132.51	-7.42	0.45	-11.65	-20.16	369.75
		0.0	-20.16	-1.90e-03	0.0	45.0	-132.51	-9.02	0.45	-11.65	0.0	0.0
3986	3	340.92	0.0	9.98e-03	-1.60	0.0	-122.33	-6.78	0.42	-10.84	-18.76	340.92
		0.0	-18.76	-1.77e-03	0.0	45.0	-122.33	-8.38	0.42	-10.84	0.0	0.0
3986	4	283.31	0.0	8.34e-03	-1.60	0.0	-102.24	-5.50	0.35	-9.21	-15.93	283.31
		0.0	-15.93	-1.51e-03	0.0	45.0	-102.24	-7.10	0.35	-9.21	0.0	0.0
3986	5	283.31	0.0	8.34e-03	-1.60	0.0	-102.24	-5.50	0.35	-9.21	-15.93	283.31
		0.0	-15.93	-1.51e-03	0.0	45.0	-102.24	-7.10	0.35	-9.21	0.0	0.0
3987	1	399.95	3.80	-2.55e-03	-2.08	0.0	180.68	-7.85	-0.08	26.32	3.80	399.95
		0.0	0.0	-4.19e-03	0.0	45.0	180.68	-9.93	-0.08	26.32	0.0	0.0
3987	2	325.07	3.05	-2.05e-03	-1.60	0.0	145.98	-6.42	-0.07	21.25	3.05	325.07
		0.0	0.0	-3.39e-03	0.0	45.0	145.98	-8.02	-0.07	21.25	0.0	0.0
3987	3	299.91	2.86	-1.92e-03	-1.60	0.0	135.83	-5.86	-0.06	19.81	2.86	299.91
		0.0	0.0	-3.15e-03	0.0	45.0	135.83	-7.46	-0.06	19.81	0.0	0.0
3987	4	249.61	2.46	-1.64e-03	-1.60	0.0	115.60	-4.75	-0.05	16.95	2.46	249.61
		0.0	0.0	-2.69e-03	0.0	45.0	115.60	-6.35	-0.05	16.95	0.0	0.0
3987	5	249.61	2.46	-1.64e-03	-1.60	0.0	115.60	-4.75	-0.05	16.95	2.46	249.61
		0.0	0.0	-2.69e-03	0.0	45.0	115.60	-6.35	-0.05	16.95	0.0	0.0
3988	1	464.90	6.19	5.80e-03	-2.08	0.0	154.05	-9.29	-0.14	22.57	6.19	464.90
		0.0	0.0	-1.48e-03	0.0	45.0	154.05	-11.37	-0.14	22.57	0.0	0.0
3988	2	377.76	4.98	4.72e-03	-1.60	0.0	124.28	-7.59	-0.11	18.22	4.98	377.76
		0.0	0.0	-1.20e-03	0.0	45.0	124.28	-9.19	-0.11	18.22	0.0	0.0
3988	3	348.68	4.67	4.35e-03	-1.60	0.0	115.83	-6.95	-0.10	16.97	4.67	348.68
		0.0	0.0	-1.12e-03	0.0	45.0	115.83	-8.55	-0.10	16.97	0.0	0.0
3988	4	290.44	4.01	3.61e-03	-1.60	0.0	99.19	-5.65	-0.09	14.55	4.01	290.44
		0.0	0.0	-9.52e-04	0.0	45.0	99.19	-7.25	-0.09	14.55	0.0	0.0
3988	5	290.44	4.01	3.61e-03	-1.60	0.0	99.19	-5.65	-0.09	14.55	4.01	290.44
		0.0	0.0	-9.52e-04	0.0	45.0	99.19	-7.25	-0.09	14.55	0.0	0.0
3989	1	501.82	26.47	0.01	-2.08	0.0	13.75	-10.11	-0.59	39.92	26.47	501.82
		0.0	0.0	2.75e-03	0.0	45.0	13.75	-12.19	-0.59	39.92	0.0	0.0
3989	2	407.52	21.41	9.10e-03	-1.60	0.0	10.98	-8.26	-0.48	32.25	21.41	407.52
		0.0	0.0	2.22e-03	0.0	45.0	10.98	-9.86	-0.48	32.25	0.0	0.0
3989	3	376.45	19.90	8.42e-03	-1.60	0.0	10.35	-7.57	-0.44	30.02	19.90	376.45
		0.0	0.0	2.06e-03	0.0	45.0	10.35	-9.17	-0.44	30.02	0.0	0.0
3989	4	314.33	16.92	7.08e-03	-1.60	0.0	9.08	-6.18	-0.38	25.53	16.92	314.33

		0.0	0.0	1.74e-03	0.0	45.0	9.08	-7.79	-0.38	25.53	0.0	0.0
3989	5	314.33	16.92	7.08e-03	-1.60	0.0	9.08	-6.18	-0.38	25.53	16.92	314.33
		0.0	0.0	1.74e-03	0.0	45.0	9.08	-7.79	-0.38	25.53	0.0	0.0
3990	1	499.08	24.55	0.01	-2.08	0.0	-77.27	-10.05	-0.55	52.16	24.55	499.08
		0.0	0.0	-6.61e-04	0.0	45.0	-77.27	-12.13	-0.55	52.16	0.0	0.0
3990	2	405.32	19.85	0.01	-1.60	0.0	-62.75	-8.21	-0.44	42.19	19.85	405.32
		0.0	0.0	-5.31e-04	0.0	45.0	-62.75	-9.81	-0.44	42.19	0.0	0.0
3990	3	374.41	18.46	9.53e-03	-1.60	0.0	-58.05	-7.52	-0.41	39.25	18.46	374.41
		0.0	0.0	-4.97e-04	0.0	45.0	-58.05	-9.12	-0.41	39.25	0.0	0.0
3990	4	312.60	15.70	7.99e-03	-1.60	0.0	-48.74	-6.15	-0.35	33.35	15.70	312.60
		0.0	0.0	-4.33e-04	0.0	45.0	-48.74	-7.75	-0.35	33.35	0.0	0.0
3990	5	312.60	15.70	7.99e-03	-1.60	0.0	-48.74	-6.15	-0.35	33.35	15.70	312.60
		0.0	0.0	-4.33e-04	0.0	45.0	-48.74	-7.75	-0.35	33.35	0.0	0.0
3991	1	476.04	4.48	0.01	-2.08	0.0	-100.94	-9.54	-0.10	34.06	4.48	476.04
		0.0	0.0	-4.90e-03	0.0	45.0	-100.94	-11.62	-0.10	34.06	0.0	0.0
3991	2	386.74	3.61	0.01	-1.60	0.0	-82.13	-7.79	-0.08	27.53	3.61	386.74
		0.0	0.0	-3.97e-03	0.0	45.0	-82.13	-9.39	-0.08	27.53	0.0	0.0
3991	3	357.05	3.36	9.44e-03	-1.60	0.0	-75.63	-7.13	-0.07	25.64	3.36	357.05
		0.0	0.0	-3.69e-03	0.0	45.0	-75.63	-8.73	-0.07	25.64	0.0	0.0
3991	4	297.68	2.90	7.90e-03	-1.60	0.0	-62.77	-5.81	-0.06	21.86	2.90	297.68
		0.0	0.0	-3.14e-03	0.0	45.0	-62.77	-7.42	-0.06	21.86	0.0	0.0
3991	5	297.68	2.90	7.90e-03	-1.60	0.0	-62.77	-5.81	-0.06	21.86	2.90	297.68
		0.0	0.0	-3.14e-03	0.0	45.0	-62.77	-7.42	-0.06	21.86	0.0	0.0
3992	1	467.78	8.07	0.01	-2.08	0.0	-132.47	-9.35	-0.18	24.49	8.07	467.78
		0.0	0.0	-1.15e-03	0.0	45.0	-132.47	-11.44	-0.18	24.49	0.0	0.0
3992	2	380.06	6.51	0.01	-1.60	0.0	-107.73	-7.65	-0.14	19.77	6.51	380.06
		0.0	0.0	-9.29e-04	0.0	45.0	-107.73	-9.25	-0.14	19.77	0.0	0.0
3992	3	350.84	6.09	0.01	-1.60	0.0	-99.27	-7.00	-0.14	18.41	6.09	350.84
		0.0	0.0	-8.70e-04	0.0	45.0	-99.27	-8.60	-0.14	18.41	0.0	0.0
3992	4	292.33	5.26	8.38e-03	-1.60	0.0	-82.29	-5.70	-0.12	15.72	5.26	292.33
		0.0	0.0	-7.41e-04	0.0	45.0	-82.29	-7.30	-0.12	15.72	0.0	0.0
3992	5	292.33	5.26	8.38e-03	-1.60	0.0	-82.29	-5.70	-0.12	15.72	5.26	292.33
		0.0	0.0	-7.41e-04	0.0	45.0	-82.29	-7.30	-0.12	15.72	0.0	0.0
3993	1	473.71	27.92	0.01	-2.08	0.0	-181.67	-9.49	-0.62	38.23	27.92	473.71
		0.0	0.0	2.88e-03	0.0	45.0	-181.67	-11.57	-0.62	38.23	0.0	0.0
3993	2	384.77	22.57	0.01	-1.60	0.0	-147.36	-7.75	-0.50	30.90	22.57	384.77
		0.0	0.0	2.33e-03	0.0	45.0	-147.36	-9.35	-0.50	30.90	0.0	0.0
3993	3	355.37	20.99	0.01	-1.60	0.0	-136.42	-7.10	-0.47	28.75	20.99	355.37
		0.0	0.0	2.16e-03	0.0	45.0	-136.42	-8.70	-0.47	28.75	0.0	0.0
3993	4	296.54	17.82	8.95e-03	-1.60	0.0	-114.47	-5.79	-0.40	24.49	17.82	296.54
		0.0	0.0	1.81e-03	0.0	45.0	-114.47	-7.39	-0.40	24.49	0.0	0.0
3993	5	296.54	17.82	8.95e-03	-1.60	0.0	-114.47	-5.79	-0.40	24.49	17.82	296.54
		0.0	0.0	1.81e-03	0.0	45.0	-114.47	-7.39	-0.40	24.49	0.0	0.0
3994	1	470.65	24.94	0.01	-2.08	0.0	-194.91	-9.42	-0.55	48.13	24.94	470.65
		0.0	0.0	-6.55e-04	0.0	45.0	-194.91	-11.50	-0.55	48.13	0.0	0.0
3994	2	382.29	20.16	0.01	-1.60	0.0	-158.04	-7.70	-0.45	38.91	20.16	382.29
		0.0	0.0	-5.27e-04	0.0	45.0	-158.04	-9.30	-0.45	38.91	0.0	0.0
3994	3	353.03	18.76	0.01	-1.60	0.0	-146.29	-7.05	-0.42	36.20	18.76	353.03
		0.0	0.0	-4.92e-04	0.0	45.0	-146.29	-8.65	-0.42	36.20	0.0	0.0
3994	4	294.57	15.93	8.67e-03	-1.60	0.0	-122.95	-5.75	-0.35	30.73	15.93	294.57
		0.0	0.0	-4.24e-04	0.0	45.0	-122.95	-7.35	-0.35	30.73	0.0	0.0
3994	5	294.57	15.93	8.67e-03	-1.60	0.0	-122.95	-5.75	-0.35	30.73	15.93	294.57
		0.0	0.0	-4.24e-04	0.0	45.0	-122.95	-7.35	-0.35	30.73	0.0	0.0
3995	1	457.75	5.63	0.01	-2.08	0.0	-166.67	-9.13	-0.13	31.28	5.63	457.75
		0.0	0.0	-4.38e-03	0.0	45.0	-166.67	-11.21	-0.13	31.28	0.0	0.0
3995	2	371.92	4.54	0.01	-1.60	0.0	-135.36	-7.46	-0.10	25.27	4.54	371.92
		0.0	0.0	-3.54e-03	0.0	45.0	-135.36	-9.06	-0.10	25.27	0.0	0.0
3995	3	343.28	4.21	9.63e-03	-1.60	0.0	-124.93	-6.83	-0.09	23.53	4.21	343.28
		0.0	0.0	-3.30e-03	0.0	45.0	-124.93	-8.43	-0.09	23.53	0.0	0.0
3995	4	286.06	3.60	8.06e-03	-1.60	0.0	-104.32	-5.56	-0.08	20.09	3.60	286.06
		0.0	0.0	-2.81e-03	0.0	45.0	-104.32	-7.16	-0.08	20.09	0.0	0.0
3995	5	286.06	3.60	8.06e-03	-1.60	0.0	-104.32	-5.56	-0.08	20.09	3.60	286.06
		0.0	0.0	-2.81e-03	0.0	45.0	-104.32	-7.16	-0.08	20.09	0.0	0.0
3996	1	448.42	8.34	0.01	-2.08	0.0	-161.58	-8.92	-0.19	22.23	8.34	448.42
		0.0	0.0	-8.76e-04	0.0	45.0	-161.58	-11.01	-0.19	22.23	0.0	0.0
3996	2	364.42	6.72	0.01	-1.60	0.0	-131.15	-7.30	-0.15	17.95	6.72	364.42
		0.0	0.0	-7.06e-04	0.0	45.0	-131.15	-8.90	-0.15	17.95	0.0	0.0
3996	3	336.26	6.26	9.62e-03	-1.60	0.0	-121.09	-6.67	-0.14	16.69	6.26	336.26
		0.0	0.0	-6.64e-04	0.0	45.0	-121.09	-8.27	-0.14	16.69	0.0	0.0
3996	4	280.00	5.37	8.06e-03	-1.60	0.0	-101.30	-5.42	-0.12	14.25	5.37	280.00
		0.0	0.0	-5.70e-04	0.0	45.0	-101.30	-7.02	-0.12	14.25	0.0	0.0
3996	5	280.00	5.37	8.06e-03	-1.60	0.0	-101.30	-5.42	-0.12	14.25	5.37	280.00
		0.0	0.0	-5.70e-04	0.0	45.0	-101.30	-7.02	-0.12	14.25	0.0	0.0
3997	1	471.09	32.15	0.01	-2.08	0.0	-255.02	-9.43	-0.71	45.22	32.15	471.09
		0.0	0.0	4.95e-03	0.0	45.0	-255.02	-11.51	-0.71	45.22	0.0	0.0
3997	2	382.64	25.98	0.01	-1.60	0.0	-206.06	-7.70	-0.58	36.55	25.98	382.64
		0.0	0.0	4.00e-03	0.0	45.0	-206.06	-9.30	-0.58	36.55	0.0	0.0



3997	3	353.36	24.19	0.01	-1.60	0.0	-191.68	-7.05	-0.54	33.97	24.19	353.36
		0.0	0.0	3.73e-03	0.0	45.0	-191.68	-8.65	-0.54	33.97	0.0	0.0
3997	4	294.82	20.59	9.24e-03	-1.60	0.0	-163.11	-5.75	-0.46	28.87	20.59	294.82
		0.0	0.0	3.16e-03	0.0	45.0	-163.11	-7.35	-0.46	28.87	0.0	0.0
3997	5	294.82	20.59	9.24e-03	-1.60	0.0	-163.11	-5.75	-0.46	28.87	20.59	294.82
		0.0	0.0	3.16e-03	0.0	45.0	-163.11	-7.35	-0.46	28.87	0.0	0.0
3998	1	467.34	28.13	0.01	-2.08	0.0	-305.69	-9.35	-0.63	60.77	28.13	467.34
		0.0	0.0	2.20e-04	0.0	45.0	-305.69	-11.43	-0.63	60.77	0.0	0.0
3998	2	379.63	22.74	0.01	-1.60	0.0	-246.48	-7.64	-0.51	49.12	22.74	379.63
		0.0	0.0	1.81e-04	0.0	45.0	-246.48	-9.24	-0.51	49.12	0.0	0.0
3998	3	350.55	21.16	9.87e-03	-1.60	0.0	-230.06	-6.99	-0.47	45.70	21.16	350.55
		0.0	0.0	1.65e-04	0.0	45.0	-230.06	-8.59	-0.47	45.70	0.0	0.0
3998	4	292.39	18.00	8.27e-03	-1.60	0.0	-197.34	-5.70	-0.40	38.84	18.00	292.39
		0.0	0.0	1.32e-04	0.0	45.0	-197.34	-7.30	-0.40	38.84	0.0	0.0
3998	5	292.39	18.00	8.27e-03	-1.60	0.0	-197.34	-5.70	-0.40	38.84	18.00	292.39
		0.0	0.0	1.32e-04	0.0	45.0	-197.34	-7.30	-0.40	38.84	0.0	0.0
3999	1	460.75	23.66	0.01	-2.08	0.0	-322.72	-9.20	-0.53	63.00	23.66	460.75
		0.0	0.0	-8.25e-04	0.0	45.0	-322.72	-11.28	-0.53	63.00	0.0	0.0
3999	2	374.33	19.13	9.28e-03	-1.60	0.0	-259.84	-7.52	-0.43	50.91	19.13	374.33
		0.0	0.0	-6.63e-04	0.0	45.0	-259.84	-9.12	-0.43	50.91	0.0	0.0
3999	3	345.57	17.79	8.56e-03	-1.60	0.0	-243.03	-6.88	-0.40	47.38	17.79	345.57
		0.0	0.0	-6.26e-04	0.0	45.0	-243.03	-8.48	-0.40	47.38	0.0	0.0
3999	4	288.06	15.15	7.11e-03	-1.60	0.0	-209.54	-5.60	-0.34	40.35	15.15	288.06
		0.0	0.0	-5.43e-04	0.0	45.0	-209.54	-7.20	-0.34	40.35	0.0	0.0
3999	5	288.06	15.15	7.11e-03	-1.60	0.0	-209.54	-5.60	-0.34	40.35	15.15	288.06
		0.0	0.0	-5.43e-04	0.0	45.0	-209.54	-7.20	-0.34	40.35	0.0	0.0
4000	1	459.63	2.45	9.48e-03	-2.08	0.0	-286.73	-9.17	-0.05	36.86	2.45	459.63
		0.0	0.0	-5.50e-03	0.0	45.0	-286.73	-11.25	-0.05	36.86	0.0	0.0
4000	2	373.48	1.96	7.74e-03	-1.60	0.0	-230.65	-7.50	-0.04	29.75	1.96	373.48
		0.0	0.0	-4.44e-03	0.0	45.0	-230.65	-9.10	-0.04	29.75	0.0	0.0
4000	3	344.71	1.82	7.09e-03	-1.60	0.0	-216.10	-6.86	-0.04	27.75	1.82	344.71
		0.0	0.0	-4.14e-03	0.0	45.0	-216.10	-8.46	-0.04	27.75	0.0	0.0
4000	4	287.18	1.58	5.80e-03	-1.60	0.0	-186.96	-5.58	-0.04	23.73	1.58	287.18
		0.0	0.0	-3.54e-03	0.0	45.0	-186.96	-7.18	-0.04	23.73	0.0	0.0
4000	5	287.18	1.58	5.80e-03	-1.60	0.0	-186.96	-5.58	-0.04	23.73	1.58	287.18
		0.0	0.0	-3.54e-03	0.0	45.0	-186.96	-7.18	-0.04	23.73	0.0	0.0
4001	1	452.44	5.76	7.43e-03	-2.08	0.0	-167.69	-9.01	-0.13	20.32	5.76	452.44
		0.0	0.0	-9.37e-04	0.0	45.0	-167.69	-11.09	-0.13	20.32	0.0	0.0
4001	2	367.66	4.65	6.10e-03	-1.60	0.0	-134.65	-7.37	-0.10	16.39	4.65	367.66
		0.0	0.0	-7.52e-04	0.0	45.0	-134.65	-8.97	-0.10	16.39	0.0	0.0
4001	3	339.32	4.35	5.54e-03	-1.60	0.0	-126.58	-6.74	-0.10	15.26	4.35	339.32
		0.0	0.0	-7.06e-04	0.0	45.0	-126.58	-8.34	-0.10	15.26	0.0	0.0
4001	4	282.59	3.73	4.42e-03	-1.60	0.0	-110.13	-5.48	-0.08	13.06	3.73	282.59
		0.0	0.0	-6.17e-04	0.0	45.0	-110.13	-7.08	-0.08	13.06	0.0	0.0
4001	5	282.59	3.73	4.42e-03	-1.60	0.0	-110.13	-5.48	-0.08	13.06	3.73	282.59
		0.0	0.0	-6.17e-04	0.0	45.0	-110.13	-7.08	-0.08	13.06	0.0	0.0
4002	1	341.36	12.58	2.24e-03	-2.08	0.0	10.10	-6.55	-0.28	12.69	12.58	341.36
		0.0	0.0	2.89e-04	0.0	45.0	10.10	-8.63	-0.28	12.69	0.0	0.0
4002	2	277.88	10.17	1.93e-03	-1.60	0.0	8.11	-5.38	-0.23	10.26	10.17	277.88
		0.0	0.0	2.41e-04	0.0	45.0	8.11	-6.98	-0.23	10.26	0.0	0.0
4002	3	255.78	9.45	1.63e-03	-1.60	0.0	7.57	-4.88	-0.21	9.57	9.45	255.78
		0.0	0.0	2.18e-04	0.0	45.0	7.57	-6.48	-0.21	9.57	0.0	0.0
4002	4	211.58	8.02	1.04e-03	-1.60	0.0	6.61	-3.90	-0.18	8.10	8.02	211.58
		0.0	0.0	1.63e-04	0.0	45.0	6.61	-5.50	-0.18	8.10	0.0	0.0
4002	5	211.58	8.02	1.04e-03	-1.60	0.0	6.61	-3.90	-0.18	8.10	8.02	211.58
		0.0	0.0	1.63e-04	0.0	45.0	6.61	-5.50	-0.18	8.10	0.0	0.0
4091	1	69.92	0.0	-0.03	-5.09	0.0	-24.90	2.54	-0.02	-5.09	0.0	0.0
		0.0	-2.14	-2.16e-03	0.0	110.0	-24.90	-2.54	-0.02	-5.09	-2.14	0.0
4091	2	53.79	0.0	-0.03	-3.91	0.0	-20.13	1.96	-0.02	-4.09	0.0	0.0
		0.0	-1.72	-1.74e-03	0.0	110.0	-20.13	-1.96	-0.02	-4.09	-1.72	0.0
4091	3	53.79	0.0	-0.02	-3.91	0.0	-18.72	1.96	-0.01	-3.83	0.0	0.0
		0.0	-1.61	-1.63e-03	0.0	110.0	-18.72	-1.96	-0.01	-3.83	-1.61	0.0
4091	4	53.79	0.0	-0.02	-3.91	0.0	-15.91	1.96	-0.01	-3.32	0.0	0.0
		0.0	-1.39	-1.40e-03	0.0	110.0	-15.91	-1.96	-0.01	-3.32	-1.39	0.0
4091	5	53.79	0.0	-0.02	-3.91	0.0	-15.91	1.96	-0.01	-3.32	0.0	0.0
		0.0	-1.39	-1.40e-03	0.0	110.0	-15.91	-1.96	-0.01	-3.32	-1.39	0.0
4092	1	69.92	1.05	0.03	-5.09	0.0	-24.71	2.54	-9.58e-03	24.13	1.05	0.0
		0.0	0.0	-2.98e-03	0.0	110.0	-24.71	-2.54	-9.58e-03	24.13	0.0	0.0
4092	2	53.79	0.84	0.03	-3.91	0.0	-19.97	1.96	-7.68e-03	19.38	0.84	0.0
		0.0	0.0	-2.40e-03	0.0	110.0	-19.97	-1.96	-7.68e-03	19.38	0.0	0.0
4092	3	53.79	0.79	0.02	-3.91	0.0	-18.57	1.96	-7.17e-03	18.21	0.79	0.0
		0.0	0.0	-2.24e-03	0.0	110.0	-18.57	-1.96	-7.17e-03	18.21	0.0	0.0
4092	4	53.79	0.69	0.02	-3.91	0.0	-15.77	1.96	-6.29e-03	15.85	0.69	0.0
		0.0	0.0	-1.93e-03	0.0	110.0	-15.77	-1.96	-6.29e-03	15.85	0.0	0.0
4092	5	53.79	0.69	0.02	-3.91	0.0	-15.77	1.96	-6.29e-03	15.85	0.69	0.0
		0.0	0.0	-1.93e-03	0.0	110.0	-15.77	-1.96	-6.29e-03	15.85	0.0	0.0
4093	1	69.92	0.0	-0.04	-5.09	0.0	-11.85	2.54	-0.02	-5.01	0.0	0.0

		0.0	-2.01	-2.26e-03	0.0	110.0	-11.85	-2.54	-0.02	-5.01	-2.01	0.0
4093	2	53.79	0.0	-0.03	-3.91	0.0	-9.58	1.96	-0.01	-4.03	0.0	0.0
		0.0	-1.62	-1.82e-03	0.0	110.0	-9.58	-1.96	-0.01	-4.03	-1.62	0.0
4093	3	53.79	0.0	-0.03	-3.91	0.0	-8.92	1.96	-0.01	-3.76	0.0	0.0
		0.0	-1.51	-1.70e-03	0.0	110.0	-8.92	-1.96	-0.01	-3.76	-1.51	0.0
4093	4	53.79	0.0	-0.02	-3.91	0.0	-7.59	1.96	-0.01	-3.26	0.0	0.0
		0.0	-1.31	-1.47e-03	0.0	110.0	-7.59	-1.96	-0.01	-3.26	-1.31	0.0
4093	5	53.79	0.0	-0.02	-3.91	0.0	-7.59	1.96	-0.01	-3.26	0.0	0.0
		0.0	-1.31	-1.47e-03	0.0	110.0	-7.59	-1.96	-0.01	-3.26	-1.31	0.0
4094	1	69.92	1.19	0.04	-5.09	0.0	-14.39	2.54	-0.01	24.06	1.19	0.0
		0.0	0.0	-2.88e-03	0.0	110.0	-14.39	-2.54	-0.01	24.06	0.0	0.0
4094	2	53.79	0.95	0.03	-3.91	0.0	-11.62	1.96	-8.66e-03	19.32	0.95	0.0
		0.0	0.0	-2.32e-03	0.0	110.0	-11.62	-1.96	-8.66e-03	19.32	0.0	0.0
4094	3	53.79	0.89	0.03	-3.91	0.0	-10.83	1.96	-8.09e-03	18.15	0.89	0.0
		0.0	0.0	-2.17e-03	0.0	110.0	-10.83	-1.96	-8.09e-03	18.15	0.0	0.0
4094	4	53.79	0.78	0.02	-3.91	0.0	-9.32	1.96	-7.07e-03	15.81	0.78	0.0
		0.0	0.0	-1.87e-03	0.0	110.0	-9.32	-1.96	-7.07e-03	15.81	0.0	0.0
4094	5	53.79	0.78	0.02	-3.91	0.0	-9.32	1.96	-7.07e-03	15.81	0.78	0.0
		0.0	0.0	-1.87e-03	0.0	110.0	-9.32	-1.96	-7.07e-03	15.81	0.0	0.0
4095	1	69.92	0.0	-0.04	-5.09	0.0	-5.90	2.54	-0.02	-4.60	0.0	0.0
		0.0	-1.89	-2.35e-03	0.0	110.0	-5.90	-2.54	-0.02	-4.60	-1.89	0.0
4095	2	53.79	0.0	-0.03	-3.91	0.0	-4.75	1.96	-0.01	-3.70	0.0	0.0
		0.0	-1.52	-1.89e-03	0.0	110.0	-4.75	-1.96	-0.01	-3.70	-1.52	0.0
4095	3	53.79	0.0	-0.03	-3.91	0.0	-4.45	1.96	-0.01	-3.46	0.0	0.0
		0.0	-1.42	-1.77e-03	0.0	110.0	-4.45	-1.96	-0.01	-3.46	-1.42	0.0
4095	4	53.79	0.0	-0.03	-3.91	0.0	-3.85	1.96	-0.01	-3.00	0.0	0.0
		0.0	-1.23	-1.52e-03	0.0	110.0	-3.85	-1.96	-0.01	-3.00	-1.23	0.0
4095	5	53.79	0.0	-0.03	-3.91	0.0	-3.85	1.96	-0.01	-3.00	0.0	0.0
		0.0	-1.23	-1.52e-03	0.0	110.0	-3.85	-1.96	-0.01	-3.00	-1.23	0.0
4096	1	69.92	1.31	0.04	-5.09	0.0	0.26	2.54	-0.01	23.68	1.31	0.0
		0.0	0.0	-2.78e-03	0.0	110.0	0.26	-2.54	-0.01	23.68	0.0	0.0
4096	2	53.79	1.05	0.03	-3.91	0.0	0.20	1.96	-9.58e-03	19.01	1.05	0.0
		0.0	0.0	-2.24e-03	0.0	110.0	0.20	-1.96	-9.58e-03	19.01	0.0	0.0
4096	3	53.79	0.98	0.03	-3.91	0.0	0.19	1.96	-8.94e-03	17.86	0.98	0.0
		0.0	0.0	-2.10e-03	0.0	110.0	0.19	-1.96	-8.94e-03	17.86	0.0	0.0
4096	4	53.79	0.86	0.03	-3.91	0.0	0.17	1.96	-7.80e-03	15.56	0.86	0.0
		0.0	0.0	-1.80e-03	0.0	110.0	0.17	-1.96	-7.80e-03	15.56	0.0	0.0
4096	5	53.79	0.86	0.03	-3.91	0.0	0.17	1.96	-7.80e-03	15.56	0.86	0.0
		0.0	0.0	-1.80e-03	0.0	110.0	0.17	-1.96	-7.80e-03	15.56	0.0	0.0
4097	1	69.92	0.0	-0.04	-5.09	0.0	-2.07	2.54	0.0	-4.36	0.0	0.0
		0.0	0.0	-2.37e-03	0.0	110.0	-2.07	-2.54	0.0	-4.36	0.0	0.0
4097	2	53.79	0.0	-0.03	-3.91	0.0	-1.67	1.96	0.0	-3.50	0.0	0.0
		0.0	0.0	-1.91e-03	0.0	110.0	-1.67	-1.96	0.0	-3.50	0.0	0.0
4097	3	53.79	0.0	-0.03	-3.91	0.0	-1.56	1.96	0.0	-3.28	0.0	0.0
		0.0	0.0	-1.79e-03	0.0	110.0	-1.56	-1.96	0.0	-3.28	0.0	0.0
4097	4	53.79	0.0	-0.03	-3.91	0.0	-1.34	1.96	0.0	-2.85	0.0	0.0
		0.0	0.0	-1.54e-03	0.0	110.0	-1.34	-1.96	0.0	-2.85	0.0	0.0
4097	5	53.79	0.0	-0.03	-3.91	0.0	-1.34	1.96	0.0	-2.85	0.0	0.0
		0.0	0.0	-1.54e-03	0.0	110.0	-1.34	-1.96	0.0	-2.85	0.0	0.0
4098	1	69.92	0.0	0.04	-5.09	0.0	-4.15	2.54	0.0	23.04	0.0	0.0
		0.0	0.0	-2.66e-03	0.0	110.0	-4.15	-2.54	0.0	23.04	0.0	0.0
4098	2	53.79	0.0	0.03	-3.91	0.0	-3.35	1.96	0.0	18.50	0.0	0.0
		0.0	0.0	-2.15e-03	0.0	110.0	-3.35	-1.96	0.0	18.50	0.0	0.0
4098	3	53.79	0.0	0.03	-3.91	0.0	-3.11	1.96	0.0	17.38	0.0	0.0
		0.0	0.0	-2.00e-03	0.0	110.0	-3.11	-1.96	0.0	17.38	0.0	0.0
4098	4	53.79	0.0	0.03	-3.91	0.0	-2.64	1.96	0.0	15.15	0.0	0.0
		0.0	0.0	-1.72e-03	0.0	110.0	-2.64	-1.96	0.0	15.15	0.0	0.0
4098	5	53.79	0.0	0.03	-3.91	0.0	-2.64	1.96	0.0	15.15	0.0	0.0
		0.0	0.0	-1.72e-03	0.0	110.0	-2.64	-1.96	0.0	15.15	0.0	0.0
4099	1	69.92	0.0	-0.04	-5.09	0.0	-2.80	2.54	0.0	-4.03	0.0	0.0
		0.0	0.0	-2.39e-03	0.0	110.0	-2.80	-2.54	0.0	-4.03	0.0	0.0
4099	2	53.79	0.0	-0.03	-3.91	0.0	-2.26	1.96	0.0	-3.24	0.0	0.0
		0.0	0.0	-1.93e-03	0.0	110.0	-2.26	-1.96	0.0	-3.24	0.0	0.0
4099	3	53.79	0.0	-0.03	-3.91	0.0	-2.12	1.96	0.0	-3.03	0.0	0.0
		0.0	0.0	-1.80e-03	0.0	110.0	-2.12	-1.96	0.0	-3.03	0.0	0.0
4099	4	53.79	0.0	-0.03	-3.91	0.0	-1.83	1.96	0.0	-2.65	0.0	0.0
		0.0	0.0	-1.55e-03	0.0	110.0	-1.83	-1.96	0.0	-2.65	0.0	0.0
4099	5	53.79	0.0	-0.03	-3.91	0.0	-1.83	1.96	0.0	-2.65	0.0	0.0
		0.0	0.0	-1.55e-03	0.0	110.0	-1.83	-1.96	0.0	-2.65	0.0	0.0
4100	1	69.92	0.0	0.04	-5.09	0.0	-3.44	2.54	0.0	22.67	0.0	0.0
		0.0	0.0	-2.59e-03	0.0	110.0	-3.44	-2.54	0.0	22.67	0.0	0.0
4100	2	53.79	0.0	0.03	-3.91	0.0	-2.79	1.96	0.0	18.19	0.0	0.0
		0.0	0.0	-2.09e-03	0.0	110.0	-2.79	-1.96	0.0	18.19	0.0	0.0
4100	3	53.79	0.0	0.03	-3.91	0.0	-2.57	1.96	0.0	17.10	0.0	0.0
		0.0	0.0	-1.95e-03	0.0	110.0	-2.57	-1.96	0.0	17.10	0.0	0.0
4100	4	53.79	0.0	0.03	-3.91	0.0	-2.19	1.96	0.0	14.91	0.0	0.0
		0.0	0.0	-1.68e-03	0.0	110.0	-2.19	-1.96	0.0	14.91	0.0	0.0



4100	5	53.79	0.0	0.03	-3.91	0.0	-2.19	1.96	0.0	14.91	0.0	0.0
		0.0	0.0	-1.68e-03	0.0	110.0	-2.19	-1.96	0.0	14.91	0.0	0.0
4101	1	69.92	0.0	-0.04	-5.09	0.0	0.56	2.54	-0.02	-3.62	0.0	0.0
		0.0	-1.88	-2.45e-03	0.0	110.0	0.56	-2.54	-0.02	-3.62	-1.88	0.0
4101	2	53.79	0.0	-0.03	-3.91	0.0	0.45	1.96	-0.01	-2.91	0.0	0.0
		0.0	-1.51	-1.97e-03	0.0	110.0	0.45	-1.96	-0.01	-2.91	-1.51	0.0
4101	3	53.79	0.0	-0.03	-3.91	0.0	0.38	1.96	-0.01	-2.73	0.0	0.0
		0.0	-1.41	-1.84e-03	0.0	110.0	0.38	-1.96	-0.01	-2.73	-1.41	0.0
4101	4	53.79	0.0	-0.03	-3.91	0.0	0.34	1.96	-0.01	-2.39	0.0	0.0
		0.0	-1.22	-1.59e-03	0.0	110.0	0.34	-1.96	-0.01	-2.39	-1.22	0.0
4101	5	53.79	0.0	-0.03	-3.91	0.0	0.34	1.96	-0.01	-2.39	0.0	0.0
		0.0	-1.22	-1.59e-03	0.0	110.0	0.34	-1.96	-0.01	-2.39	-1.22	0.0
4102	1	69.92	1.76	0.04	-5.09	0.0	-2.83	2.54	-0.02	22.52	1.76	0.0
		0.0	0.0	-2.53e-03	0.0	110.0	-2.83	-2.54	-0.02	22.52	0.0	0.0
4102	2	53.79	1.42	0.03	-3.91	0.0	-2.20	1.96	-0.01	18.08	1.42	0.0
		0.0	0.0	-2.04e-03	0.0	110.0	-2.20	-1.96	-0.01	18.08	0.0	0.0
4102	3	53.79	1.33	0.03	-3.91	0.0	-2.06	1.96	-0.01	17.00	1.33	0.0
		0.0	0.0	-1.91e-03	0.0	110.0	-2.06	-1.96	-0.01	17.00	0.0	0.0
4102	4	53.79	1.16	0.03	-3.91	0.0	-1.81	1.96	-0.01	14.83	1.16	0.0
		0.0	0.0	-1.64e-03	0.0	110.0	-1.81	-1.96	-0.01	14.83	0.0	0.0
4102	5	53.79	1.16	0.03	-3.91	0.0	-1.81	1.96	-0.01	14.83	1.16	0.0
		0.0	0.0	-1.64e-03	0.0	110.0	-1.81	-1.96	-0.01	14.83	0.0	0.0
4103	1	69.92	0.0	-0.05	-5.09	0.0	-3.33	2.54	-0.02	-3.46	0.0	0.0
		0.0	-2.12	-2.38e-03	0.0	110.0	-3.33	-2.54	-0.02	-3.46	-2.12	0.0
4103	2	53.79	0.0	-0.04	-3.91	0.0	-2.68	1.96	-0.02	-2.77	0.0	0.0
		0.0	-1.71	-1.92e-03	0.0	110.0	-2.68	-1.96	-0.02	-2.77	-1.71	0.0
4103	3	53.79	0.0	-0.04	-3.91	0.0	-2.53	1.96	-0.01	-2.60	0.0	0.0
		0.0	-1.60	-1.79e-03	0.0	110.0	-2.53	-1.96	-0.01	-2.60	-1.60	0.0
4103	4	53.79	0.0	-0.03	-3.91	0.0	-2.20	1.96	-0.01	-2.28	0.0	0.0
		0.0	-1.38	-1.54e-03	0.0	110.0	-2.20	-1.96	-0.01	-2.28	-1.38	0.0
4103	5	53.79	0.0	-0.03	-3.91	0.0	-2.20	1.96	-0.01	-2.28	0.0	0.0
		0.0	-1.38	-1.54e-03	0.0	110.0	-2.20	-1.96	-0.01	-2.28	-1.38	0.0
4104	1	69.92	1.96	0.05	-5.09	0.0	1.50	2.54	-0.02	22.18	1.96	0.0
		0.0	0.0	-2.50e-03	0.0	110.0	1.50	-2.54	-0.02	22.18	0.0	0.0
4104	2	53.79	1.58	0.04	-3.91	0.0	1.20	1.96	-0.01	17.80	1.58	0.0
		0.0	0.0	-2.02e-03	0.0	110.0	1.20	-1.96	-0.01	17.80	0.0	0.0
4104	3	53.79	1.48	0.04	-3.91	0.0	1.12	1.96	-0.01	16.75	1.48	0.0
		0.0	0.0	-1.88e-03	0.0	110.0	1.12	-1.96	-0.01	16.75	0.0	0.0
4104	4	53.79	1.28	0.03	-3.91	0.0	0.94	1.96	-0.01	14.61	1.28	0.0
		0.0	0.0	-1.62e-03	0.0	110.0	0.94	-1.96	-0.01	14.61	0.0	0.0
4104	5	53.79	1.28	0.03	-3.91	0.0	0.94	1.96	-0.01	14.61	1.28	0.0
		0.0	0.0	-1.62e-03	0.0	110.0	0.94	-1.96	-0.01	14.61	0.0	0.0
4105	1	69.92	0.0	-0.04	-5.09	0.0	-3.03	2.54	0.0	-3.54	0.0	0.0
		0.0	0.0	-2.39e-03	0.0	110.0	-3.03	-2.54	0.0	-3.54	0.0	0.0
4105	2	53.79	0.0	-0.04	-3.91	0.0	-2.45	1.96	0.0	-2.84	0.0	0.0
		0.0	0.0	-1.92e-03	0.0	110.0	-2.45	-1.96	0.0	-2.84	0.0	0.0
4105	3	53.79	0.0	-0.03	-3.91	0.0	-2.31	1.96	0.0	-2.66	0.0	0.0
		0.0	0.0	-1.80e-03	0.0	110.0	-2.31	-1.96	0.0	-2.66	0.0	0.0
4105	4	53.79	0.0	-0.03	-3.91	0.0	-2.01	1.96	0.0	-2.33	0.0	0.0
		0.0	0.0	-1.55e-03	0.0	110.0	-2.01	-1.96	0.0	-2.33	0.0	0.0
4105	5	53.79	0.0	-0.03	-3.91	0.0	-2.01	1.96	0.0	-2.33	0.0	0.0
		0.0	0.0	-1.55e-03	0.0	110.0	-2.01	-1.96	0.0	-2.33	0.0	0.0
4106	1	69.92	0.0	0.05	-5.09	0.0	-6.15	2.54	0.0	21.65	0.0	0.0
		0.0	0.0	-2.46e-03	0.0	110.0	-6.15	-2.54	0.0	21.65	0.0	0.0
4106	2	53.79	0.0	0.04	-3.91	0.0	-4.98	1.96	0.0	17.37	0.0	0.0
		0.0	0.0	-1.98e-03	0.0	110.0	-4.98	-1.96	0.0	17.37	0.0	0.0
4106	3	53.79	0.0	0.03	-3.91	0.0	-4.67	1.96	0.0	16.34	0.0	0.0
		0.0	0.0	-1.85e-03	0.0	110.0	-4.67	-1.96	0.0	16.34	0.0	0.0
4106	4	53.79	0.0	0.03	-3.91	0.0	-3.94	1.96	0.0	14.27	0.0	0.0
		0.0	0.0	-1.59e-03	0.0	110.0	-3.94	-1.96	0.0	14.27	0.0	0.0
4106	5	53.79	0.0	0.03	-3.91	0.0	-3.94	1.96	0.0	14.27	0.0	0.0
		0.0	0.0	-1.59e-03	0.0	110.0	-3.94	-1.96	0.0	14.27	0.0	0.0
4107	1	69.92	0.0	-0.04	-5.09	0.0	-4.95	2.54	0.0	-3.56	0.0	0.0
		0.0	0.0	-2.42e-03	0.0	110.0	-4.95	-2.54	0.0	-3.56	0.0	0.0
4107	2	53.79	0.0	-0.04	-3.91	0.0	-3.98	1.96	0.0	-2.85	0.0	0.0
		0.0	0.0	-1.95e-03	0.0	110.0	-3.98	-1.96	0.0	-2.85	0.0	0.0
4107	3	53.79	0.0	-0.03	-3.91	0.0	-3.72	1.96	0.0	-2.68	0.0	0.0
		0.0	0.0	-1.82e-03	0.0	110.0	-3.72	-1.96	0.0	-2.68	0.0	0.0
4107	4	53.79	0.0	-0.03	-3.91	0.0	-3.20	1.96	0.0	-2.35	0.0	0.0
		0.0	0.0	-1.57e-03	0.0	110.0	-3.20	-1.96	0.0	-2.35	0.0	0.0
4107	5	53.79	0.0	-0.03	-3.91	0.0	-3.20	1.96	0.0	-2.35	0.0	0.0
		0.0	0.0	-1.57e-03	0.0	110.0	-3.20	-1.96	0.0	-2.35	0.0	0.0
4108	1	69.92	0.0	0.04	-5.09	0.0	-3.89	2.54	0.0	21.56	0.0	0.0
		0.0	0.0	-2.50e-03	0.0	110.0	-3.89	-2.54	0.0	21.56	0.0	0.0
4108	2	53.79	0.0	0.04	-3.91	0.0	-3.14	1.96	0.0	17.30	0.0	0.0
		0.0	0.0	-2.02e-03	0.0	110.0	-3.14	-1.96	0.0	17.30	0.0	0.0
4108	3	53.79	0.0	0.03	-3.91	0.0	-2.96	1.96	0.0	16.28	0.0	0.0

		0.0	0.0	-1.88e-03	0.0	110.0	-2.96	-1.96	0.0	16.28	0.0	0.0
4108	4	53.79	0.0	0.03	-3.91	0.0	-2.51	1.96	0.0	14.21	0.0	0.0
		0.0	0.0	-1.62e-03	0.0	110.0	-2.51	-1.96	0.0	14.21	0.0	0.0
4108	5	53.79	0.0	0.03	-3.91	0.0	-2.51	1.96	0.0	14.21	0.0	0.0
		0.0	0.0	-1.62e-03	0.0	110.0	-2.51	-1.96	0.0	14.21	0.0	0.0
4109	1	69.92	0.0	-0.04	-5.09	0.0	-1.48	2.54	-0.01	-3.44	0.0	0.0
		0.0	-1.59	-2.52e-03	0.0	110.0	-1.48	-2.54	-0.01	-3.44	-1.59	0.0
4109	2	53.79	0.0	-0.04	-3.91	0.0	-1.17	1.96	-0.01	-2.76	0.0	0.0
		0.0	-1.29	-2.03e-03	0.0	110.0	-1.17	-1.96	-0.01	-2.76	-1.29	0.0
4109	3	53.79	0.0	-0.03	-3.91	0.0	-1.12	1.96	-0.01	-2.60	0.0	0.0
		0.0	-1.20	-1.90e-03	0.0	110.0	-1.12	-1.96	-0.01	-2.60	-1.20	0.0
4109	4	53.79	0.0	-0.03	-3.91	0.0	-1.06	1.96	-9.36e-03	-2.28	0.0	0.0
		0.0	-1.03	-1.63e-03	0.0	110.0	-1.06	-1.96	-9.36e-03	-2.28	-1.03	0.0
4109	5	53.79	0.0	-0.03	-3.91	0.0	-1.06	1.96	-9.36e-03	-2.28	0.0	0.0
		0.0	-1.03	-1.63e-03	0.0	110.0	-1.06	-1.96	-9.36e-03	-2.28	-1.03	0.0
4110	1	69.92	1.49	0.04	-5.09	0.0	-2.27	2.54	-0.01	21.71	1.49	0.0
		0.0	0.0	-2.60e-03	0.0	110.0	-2.27	-2.54	-0.01	21.71	0.0	0.0
4110	2	53.79	1.20	0.04	-3.91	0.0	-1.85	1.96	-0.01	17.42	1.20	0.0
		0.0	0.0	-2.09e-03	0.0	110.0	-1.85	-1.96	-0.01	17.42	0.0	0.0
4110	3	53.79	1.12	0.03	-3.91	0.0	-1.73	1.96	-0.01	16.38	1.12	0.0
		0.0	0.0	-1.96e-03	0.0	110.0	-1.73	-1.96	-0.01	16.38	0.0	0.0
4110	4	53.79	0.96	0.03	-3.91	0.0	-1.44	1.96	-8.76e-03	14.31	0.96	0.0
		0.0	0.0	-1.68e-03	0.0	110.0	-1.44	-1.96	-8.76e-03	14.31	0.0	0.0
4110	5	53.79	0.96	0.03	-3.91	0.0	-1.44	1.96	-8.76e-03	14.31	0.96	0.0
		0.0	0.0	-1.68e-03	0.0	110.0	-1.44	-1.96	-8.76e-03	14.31	0.0	0.0
4111	1	69.92	0.0	-0.04	-5.09	0.0	0.89	2.54	-9.84e-03	-3.48	0.0	0.0
		0.0	-1.08	-2.66e-03	0.0	110.0	0.89	-2.54	-9.84e-03	-3.48	-1.08	0.0
4111	2	53.79	0.0	-0.03	-3.91	0.0	0.72	1.96	-7.99e-03	-2.79	0.0	0.0
		0.0	-0.88	-2.15e-03	0.0	110.0	0.72	-1.96	-7.99e-03	-2.79	-0.88	0.0
4111	3	53.79	0.0	-0.03	-3.91	0.0	0.68	1.96	-7.40e-03	-2.62	0.0	0.0
		0.0	-0.81	-2.01e-03	0.0	110.0	0.68	-1.96	-7.40e-03	-2.62	-0.81	0.0
4111	4	53.79	0.0	-0.03	-3.91	0.0	0.59	1.96	-6.32e-03	-2.30	0.0	0.0
		0.0	-0.70	-1.73e-03	0.0	110.0	0.59	-1.96	-6.32e-03	-2.30	-0.70	0.0
4111	5	53.79	0.0	-0.03	-3.91	0.0	0.59	1.96	-6.32e-03	-2.30	0.0	0.0
		0.0	-0.70	-1.73e-03	0.0	110.0	0.59	-1.96	-6.32e-03	-2.30	-0.70	0.0
4112	1	69.92	1.03	0.05	-5.09	0.0	1.13	2.54	-9.38e-03	21.68	1.03	0.0
		0.0	0.0	-2.70e-03	0.0	110.0	1.13	-2.54	-9.38e-03	21.68	0.0	0.0
4112	2	53.79	0.84	0.04	-3.91	0.0	0.92	1.96	-7.61e-03	17.40	0.84	0.0
		0.0	0.0	-2.18e-03	0.0	110.0	0.92	-1.96	-7.61e-03	17.40	0.0	0.0
4112	3	53.79	0.78	0.04	-3.91	0.0	0.84	1.96	-7.05e-03	16.37	0.78	0.0
		0.0	0.0	-2.03e-03	0.0	110.0	0.84	-1.96	-7.05e-03	16.37	0.0	0.0
4112	4	53.79	0.66	0.03	-3.91	0.0	0.71	1.96	-6.04e-03	14.29	0.66	0.0
		0.0	0.0	-1.75e-03	0.0	110.0	0.71	-1.96	-6.04e-03	14.29	0.0	0.0
4112	5	53.79	0.66	0.03	-3.91	0.0	0.71	1.96	-6.04e-03	14.29	0.66	0.0
		0.0	0.0	-1.75e-03	0.0	110.0	0.71	-1.96	-6.04e-03	14.29	0.0	0.0
4113	1	69.92	0.0	-0.04	-5.09	0.0	-3.77	2.54	0.0	-3.27	0.0	0.0
		0.0	0.0	-2.81e-03	0.0	110.0	-3.77	-2.54	0.0	-3.27	0.0	0.0
4113	2	53.79	0.0	-0.03	-3.91	0.0	-3.04	1.96	0.0	-2.62	0.0	0.0
		0.0	0.0	-2.26e-03	0.0	110.0	-3.04	-1.96	0.0	-2.62	0.0	0.0
4113	3	53.79	0.0	-0.03	-3.91	0.0	-2.84	1.96	0.0	-2.47	0.0	0.0
		0.0	0.0	-2.11e-03	0.0	110.0	-2.84	-1.96	0.0	-2.47	0.0	0.0
4113	4	53.79	0.0	-0.02	-3.91	0.0	-2.40	1.96	0.0	-2.17	0.0	0.0
		0.0	0.0	-1.82e-03	0.0	110.0	-2.40	-1.96	0.0	-2.17	0.0	0.0
4113	5	53.79	0.0	-0.02	-3.91	0.0	-2.40	1.96	0.0	-2.17	0.0	0.0
		0.0	0.0	-1.82e-03	0.0	110.0	-2.40	-1.96	0.0	-2.17	0.0	0.0
4114	1	69.92	0.0	0.05	-5.09	0.0	-1.30	2.54	0.0	21.37	0.0	0.0
		0.0	0.0	-2.76e-03	0.0	110.0	-1.30	-2.54	0.0	21.37	0.0	0.0
4114	2	53.79	0.0	0.04	-3.91	0.0	-1.06	1.96	0.0	17.14	0.0	0.0
		0.0	0.0	-2.23e-03	0.0	110.0	-1.06	-1.96	0.0	17.14	0.0	0.0
4114	3	53.79	0.0	0.04	-3.91	0.0	-0.98	1.96	0.0	16.13	0.0	0.0
		0.0	0.0	-2.08e-03	0.0	110.0	-0.98	-1.96	0.0	16.13	0.0	0.0
4114	4	53.79	0.0	0.03	-3.91	0.0	-0.82	1.96	0.0	14.09	0.0	0.0
		0.0	0.0	-1.79e-03	0.0	110.0	-0.82	-1.96	0.0	14.09	0.0	0.0
4114	5	53.79	0.0	0.03	-3.91	0.0	-0.82	1.96	0.0	14.09	0.0	0.0
		0.0	0.0	-1.79e-03	0.0	110.0	-0.82	-1.96	0.0	14.09	0.0	0.0
4115	1	69.92	0.0	-0.04	-5.09	0.0	-1.59	2.54	0.0	-2.48	0.0	0.0
		0.0	0.0	-2.90e-03	0.0	110.0	-1.59	-2.54	0.0	-2.48	0.0	0.0
4115	2	53.79	0.0	-0.03	-3.91	0.0	-1.27	1.96	0.0	-1.99	0.0	0.0
		0.0	0.0	-2.34e-03	0.0	110.0	-1.27	-1.96	0.0	-1.99	0.0	0.0
4115	3	53.79	0.0	-0.03	-3.91	0.0	-1.21	1.96	0.0	-1.87	0.0	0.0
		0.0	0.0	-2.19e-03	0.0	110.0	-1.21	-1.96	0.0	-1.87	0.0	0.0
4115	4	53.79	0.0	-0.02	-3.91	0.0	-1.03	1.96	0.0	-1.67	0.0	0.0
		0.0	0.0	-1.88e-03	0.0	110.0	-1.03	-1.96	0.0	-1.67	0.0	0.0
4115	5	53.79	0.0	-0.02	-3.91	0.0	-1.03	1.96	0.0	-1.67	0.0	0.0
		0.0	0.0	-1.88e-03	0.0	110.0	-1.03	-1.96	0.0	-1.67	0.0	0.0
4116	1	69.92	0.0	0.05	-5.09	0.0	-1.77	2.54	0.0	21.38	0.0	0.0
		0.0	0.0	-2.83e-03	0.0	110.0	-1.77	-2.54	0.0	21.38	0.0	0.0



4116	2	53.79	0.0	0.04	-3.91	0.0	-1.41	1.96	0.0	17.15	0.0	0.0
		0.0	0.0	-2.28e-03	0.0	110.0	-1.41	-1.96	0.0	17.15	0.0	0.0
4116	3	53.79	0.0	0.04	-3.91	0.0	-1.35	1.96	0.0	16.14	0.0	0.0
		0.0	0.0	-2.13e-03	0.0	110.0	-1.35	-1.96	0.0	16.14	0.0	0.0
4116	4	53.79	0.0	0.03	-3.91	0.0	-1.15	1.96	0.0	14.11	0.0	0.0
		0.0	0.0	-1.84e-03	0.0	110.0	-1.15	-1.96	0.0	14.11	0.0	0.0
4116	5	53.79	0.0	0.03	-3.91	0.0	-1.15	1.96	0.0	14.11	0.0	0.0
		0.0	0.0	-1.84e-03	0.0	110.0	-1.15	-1.96	0.0	14.11	0.0	0.0
4117	1	69.92	0.0	-0.04	-5.09	0.0	-1.20	2.54	0.0	-1.64	0.0	0.0
		0.0	0.0	-2.99e-03	0.0	110.0	-1.20	-2.54	0.0	-1.64	0.0	0.0
4117	2	53.79	0.0	-0.04	-3.91	0.0	-0.98	1.96	0.0	-1.30	0.0	0.0
		0.0	0.0	-2.40e-03	0.0	110.0	-0.98	-1.96	0.0	-1.30	0.0	0.0
4117	3	53.79	0.0	-0.03	-3.91	0.0	-0.90	1.96	0.0	-1.24	0.0	0.0
		0.0	0.0	-2.25e-03	0.0	110.0	-0.90	-1.96	0.0	-1.24	0.0	0.0
4117	4	53.79	0.0	-0.03	-3.91	0.0	-0.75	1.96	0.0	-1.13	0.0	0.0
		0.0	0.0	-1.94e-03	0.0	110.0	-0.75	-1.96	0.0	-1.13	0.0	0.0
4117	5	53.79	0.0	-0.03	-3.91	0.0	-0.75	1.96	0.0	-1.13	0.0	0.0
		0.0	0.0	-1.94e-03	0.0	110.0	-0.75	-1.96	0.0	-1.13	0.0	0.0
4118	1	69.92	0.0	0.05	-5.09	0.0	-4.53	2.54	0.0	21.45	0.0	0.0
		0.0	0.0	-2.87e-03	0.0	110.0	-4.53	-2.54	0.0	21.45	0.0	0.0
4118	2	53.79	0.0	0.04	-3.91	0.0	-3.65	1.96	0.0	17.20	0.0	0.0
		0.0	0.0	-2.31e-03	0.0	110.0	-3.65	-1.96	0.0	17.20	0.0	0.0
4118	3	53.79	0.0	0.03	-3.91	0.0	-3.43	1.96	0.0	16.19	0.0	0.0
		0.0	0.0	-2.16e-03	0.0	110.0	-3.43	-1.96	0.0	16.19	0.0	0.0
4118	4	53.79	0.0	0.03	-3.91	0.0	-2.91	1.96	0.0	14.16	0.0	0.0
		0.0	0.0	-1.86e-03	0.0	110.0	-2.91	-1.96	0.0	14.16	0.0	0.0
4118	5	53.79	0.0	0.03	-3.91	0.0	-2.91	1.96	0.0	14.16	0.0	0.0
		0.0	0.0	-1.86e-03	0.0	110.0	-2.91	-1.96	0.0	14.16	0.0	0.0
4119	1	22.27	3.13	-1.66e-03	-3.93	0.0	-238.51	2.49	-0.04	2.96	3.13	-44.99
		-44.99	0.0	-5.37e-03	0.0	85.0	-238.51	-1.44	-0.04	2.96	0.0	0.0
4119	2	16.74	2.54	-1.49e-03	-3.02	0.0	-190.67	1.93	-0.03	2.38	2.54	-35.64
		-35.64	0.0	-4.32e-03	0.0	85.0	-190.67	-1.09	-0.03	2.38	0.0	0.0
4119	3	17.31	2.36	-1.20e-03	-3.02	0.0	-180.23	1.91	-0.03	2.23	2.36	-34.13
		-34.13	0.0	-4.05e-03	0.0	85.0	-180.23	-1.11	-0.03	2.23	0.0	0.0
4119	4	18.39	1.95	-7.55e-04	-3.02	0.0	-159.43	1.88	-0.02	1.92	1.95	-31.25
		-31.25	0.0	-3.50e-03	0.0	85.0	-159.43	-1.14	-0.02	1.92	0.0	0.0
4119	5	18.39	1.95	-7.55e-04	-3.02	0.0	-159.43	1.88	-0.02	1.92	1.95	-31.25
		-31.25	0.0	-3.50e-03	0.0	85.0	-159.43	-1.14	-0.02	1.92	0.0	0.0
4120	1	31.35	0.0	-2.55e-03	-3.93	0.0	-223.40	1.70	-0.24	2.01	0.0	0.0
		-22.29	-20.40	-1.14e-03	0.0	85.0	-223.40	-2.23	-0.24	2.01	-20.40	-22.29
4120	2	24.10	0.0	-1.91e-03	-3.02	0.0	-178.82	1.31	-0.19	1.62	0.0	0.0
		-17.18	-16.43	-9.18e-04	0.0	85.0	-178.82	-1.71	-0.19	1.62	-16.43	-17.18
4120	3	24.11	0.0	-1.99e-03	-3.02	0.0	-168.74	1.31	-0.18	1.51	0.0	0.0
		-17.14	-15.39	-8.54e-04	0.0	85.0	-168.74	-1.71	-0.18	1.51	-15.39	-17.14
4120	4	24.14	0.0	-2.14e-03	-3.02	0.0	-148.58	1.31	-0.16	1.30	0.0	0.0
		-17.09	-13.21	-7.33e-04	0.0	85.0	-148.58	-1.71	-0.16	1.30	-13.21	-17.09
4120	5	24.14	0.0	-2.14e-03	-3.02	0.0	-148.58	1.31	-0.16	1.30	0.0	0.0
		-17.09	-13.21	-7.33e-04	0.0	85.0	-148.58	-1.71	-0.16	1.30	-13.21	-17.09
4121	1	69.92	0.29	-0.04	-5.09	0.0	-9.82	2.54	2.64e-03	-1.51	0.0	0.0
		0.0	0.0	-3.21e-03	0.0	110.0	-9.82	-2.54	2.64e-03	-1.51	0.29	0.0
4121	2	53.79	0.22	-0.03	-3.91	0.0	-7.93	1.96	2.04e-03	-1.20	0.0	0.0
		0.0	0.0	-2.58e-03	0.0	110.0	-7.93	-1.96	2.04e-03	-1.20	0.22	0.0
4121	3	53.79	0.22	-0.03	-3.91	0.0	-7.38	1.96	2.03e-03	-1.14	0.0	0.0
		0.0	0.0	-2.42e-03	0.0	110.0	-7.38	-1.96	2.03e-03	-1.14	0.22	0.0
4121	4	53.79	0.20	-0.03	-3.91	0.0	-6.27	1.96	1.85e-03	-1.05	0.0	0.0
		0.0	0.0	-2.08e-03	0.0	110.0	-6.27	-1.96	1.85e-03	-1.05	0.20	0.0
4121	5	53.79	0.20	-0.03	-3.91	0.0	-6.27	1.96	1.85e-03	-1.05	0.0	0.0
		0.0	0.0	-2.08e-03	0.0	110.0	-6.27	-1.96	1.85e-03	-1.05	0.20	0.0
4122	1	69.92	0.34	0.04	-5.09	0.0	-10.53	2.54	-3.06e-03	22.05	0.34	0.0
		0.0	0.0	-2.73e-03	0.0	110.0	-10.53	-2.54	-3.06e-03	22.05	0.0	0.0
4122	2	53.79	0.28	0.03	-3.91	0.0	-8.51	1.96	-2.56e-03	17.68	0.28	0.0
		0.0	0.0	-2.20e-03	0.0	110.0	-8.51	-1.96	-2.56e-03	17.68	0.0	0.0
4122	3	53.79	0.25	0.03	-3.91	0.0	-7.92	1.96	-2.28e-03	16.64	0.25	0.0
		0.0	0.0	-2.06e-03	0.0	110.0	-7.92	-1.96	-2.28e-03	16.64	0.0	0.0
4122	4	53.79	0.20	0.03	-3.91	0.0	-6.72	1.96	-1.80e-03	14.54	0.20	0.0
		0.0	0.0	-1.78e-03	0.0	110.0	-6.72	-1.96	-1.80e-03	14.54	0.0	0.0
4122	5	53.79	0.20	0.03	-3.91	0.0	-6.72	1.96	-1.80e-03	14.54	0.20	0.0
		0.0	0.0	-1.78e-03	0.0	110.0	-6.72	-1.96	-1.80e-03	14.54	0.0	0.0
4123	1	69.92	0.46	-0.03	-5.09	0.0	-26.03	2.54	4.18e-03	-2.21	0.0	0.0
		0.0	0.0	-3.32e-03	0.0	110.0	-26.03	-2.54	4.18e-03	-2.21	0.46	0.0
4123	2	53.79	0.36	-0.02	-3.91	0.0	-21.04	1.96	3.28e-03	-1.76	0.0	0.0
		0.0	0.0	-2.68e-03	0.0	110.0	-21.04	-1.96	3.28e-03	-1.76	0.36	0.0
4123	3	53.79	0.35	-0.02	-3.91	0.0	-19.57	1.96	3.19e-03	-1.67	0.0	0.0
		0.0	0.0	-2.50e-03	0.0	110.0	-19.57	-1.96	3.19e-03	-1.67	0.35	0.0
4123	4	53.79	0.31	-0.02	-3.91	0.0	-16.65	1.96	2.84e-03	-1.50	0.0	0.0
		0.0	0.0	-2.15e-03	0.0	110.0	-16.65	-1.96	2.84e-03	-1.50	0.31	0.0
4123	5	53.79	0.31	-0.02	-3.91	0.0	-16.65	1.96	2.84e-03	-1.50	0.0	0.0

		0.0	0.0	-2.15e-03	0.0	110.0	-16.65	-1.96	2.84e-03	-1.50	0.31	0.0
4124	1	69.92	0.46	-5.33e-03	-5.09	0.0	-25.98	2.54	-4.15e-03	22.50	0.46	0.0
		0.0	0.0	-2.63e-03	0.0	110.0	-25.98	-2.54	-4.15e-03	22.50	0.0	0.0
4124	2	53.79	0.38	-4.15e-03	-3.91	0.0	-21.00	1.96	-3.44e-03	18.05	0.38	0.0
		0.0	0.0	-2.12e-03	0.0	110.0	-21.00	-1.96	-3.44e-03	18.05	0.0	0.0
4124	3	53.79	0.34	-4.08e-03	-3.91	0.0	-19.54	1.96	-3.09e-03	16.99	0.34	0.0
		0.0	0.0	-1.98e-03	0.0	110.0	-19.54	-1.96	-3.09e-03	16.99	0.0	0.0
4124	4	53.79	0.27	-3.93e-03	-3.91	0.0	-16.63	1.96	-2.50e-03	14.84	0.27	0.0
		0.0	0.0	-1.71e-03	0.0	110.0	-16.63	-1.96	-2.50e-03	14.84	0.0	0.0
4124	5	53.79	0.27	-3.93e-03	-3.91	0.0	-16.63	1.96	-2.50e-03	14.84	0.27	0.0
		0.0	0.0	-1.71e-03	0.0	110.0	-16.63	-1.96	-2.50e-03	14.84	0.0	0.0
4125	1	46.81	0.0	-0.02	-4.16	0.0	-21.15	2.08	0.0	0.41	0.0	0.0
		0.0	0.0	-2.54e-03	0.0	90.0	-21.15	-2.08	0.0	0.41	0.0	0.0
4125	2	36.01	0.0	-0.01	-3.20	0.0	-17.09	1.60	0.0	0.34	0.0	0.0
		0.0	0.0	-2.05e-03	0.0	90.0	-17.09	-1.60	0.0	0.34	0.0	0.0
4125	3	36.01	0.0	-0.01	-3.20	0.0	-15.90	1.60	0.0	0.30	0.0	0.0
		0.0	0.0	-1.91e-03	0.0	90.0	-15.90	-1.60	0.0	0.30	0.0	0.0
4125	4	36.01	0.0	-0.01	-3.20	0.0	-13.51	1.60	0.0	0.23	0.0	0.0
		0.0	0.0	-1.64e-03	0.0	90.0	-13.51	-1.60	0.0	0.23	0.0	0.0
4125	5	36.01	0.0	-0.01	-3.20	0.0	-13.51	1.60	0.0	0.23	0.0	0.0
		0.0	0.0	-1.64e-03	0.0	90.0	-13.51	-1.60	0.0	0.23	0.0	0.0
4126	1	46.81	0.0	-9.60e-03	-4.16	0.0	-10.76	2.08	0.0	-3.35	0.0	0.0
		0.0	0.0	-2.22e-03	0.0	90.0	-10.76	-2.08	0.0	-3.35	0.0	0.0
4126	2	36.01	0.0	-7.78e-03	-3.20	0.0	-8.69	1.60	0.0	-2.71	0.0	0.0
		0.0	0.0	-1.79e-03	0.0	90.0	-8.69	-1.60	0.0	-2.71	0.0	0.0
4126	3	36.01	0.0	-7.22e-03	-3.20	0.0	-8.08	1.60	0.0	-2.54	0.0	0.0
		0.0	0.0	-1.68e-03	0.0	90.0	-8.08	-1.60	0.0	-2.54	0.0	0.0
4126	4	36.01	0.0	-6.09e-03	-3.20	0.0	-6.88	1.60	0.0	-2.15	0.0	0.0
		0.0	0.0	-1.44e-03	0.0	90.0	-6.88	-1.60	0.0	-2.15	0.0	0.0
4126	5	36.01	0.0	-6.09e-03	-3.20	0.0	-6.88	1.60	0.0	-2.15	0.0	0.0
		0.0	0.0	-1.44e-03	0.0	90.0	-6.88	-1.60	0.0	-2.15	0.0	0.0
4127	1	46.81	0.0	-2.98e-03	-4.16	0.0	-6.43	2.08	0.0	-4.87	0.0	0.0
		0.0	0.0	-2.10e-03	0.0	90.0	-6.43	-2.08	0.0	-4.87	0.0	0.0
4127	2	36.01	0.0	-2.37e-03	-3.20	0.0	-5.20	1.60	0.0	-3.96	0.0	0.0
		0.0	0.0	-1.69e-03	0.0	90.0	-5.20	-1.60	0.0	-3.96	0.0	0.0
4127	3	36.01	0.0	-2.25e-03	-3.20	0.0	-4.83	1.60	0.0	-3.63	0.0	0.0
		0.0	0.0	-1.58e-03	0.0	90.0	-4.83	-1.60	0.0	-3.63	0.0	0.0
4127	4	36.01	0.0	-2.03e-03	-3.20	0.0	-4.07	1.60	0.0	-3.01	0.0	0.0
		0.0	0.0	-1.36e-03	0.0	90.0	-4.07	-1.60	0.0	-3.01	0.0	0.0
4127	5	36.01	0.0	-2.03e-03	-3.20	0.0	-4.07	1.60	0.0	-3.01	0.0	0.0
		0.0	0.0	-1.36e-03	0.0	90.0	-4.07	-1.60	0.0	-3.01	0.0	0.0
4128	1	46.81	0.0	-2.49e-03	-4.16	0.0	-5.42	2.08	0.0	-1.65	0.0	0.0
		0.0	0.0	-1.89e-03	0.0	90.0	-5.42	-2.08	0.0	-1.65	0.0	0.0
4128	2	36.01	0.0	-1.95e-03	-3.20	0.0	-4.37	1.60	0.0	-1.34	0.0	0.0
		0.0	0.0	-1.53e-03	0.0	90.0	-4.37	-1.60	0.0	-1.34	0.0	0.0
4128	3	36.01	0.0	-1.89e-03	-3.20	0.0	-4.04	1.60	0.0	-1.24	0.0	0.0
		0.0	0.0	-1.42e-03	0.0	90.0	-4.04	-1.60	0.0	-1.24	0.0	0.0
4128	4	36.01	0.0	-1.78e-03	-3.20	0.0	-3.46	1.60	0.0	-1.04	0.0	0.0
		0.0	0.0	-1.23e-03	0.0	90.0	-3.46	-1.60	0.0	-1.04	0.0	0.0
4128	5	36.01	0.0	-1.78e-03	-3.20	0.0	-3.46	1.60	0.0	-1.04	0.0	0.0
		0.0	0.0	-1.23e-03	0.0	90.0	-3.46	-1.60	0.0	-1.04	0.0	0.0
4129	1	46.81	0.0	-2.75e-03	-4.16	0.0	-8.75	2.08	0.0	2.29	0.0	0.0
		0.0	0.0	-2.07e-03	0.0	90.0	-8.75	-2.08	0.0	2.29	0.0	0.0
4129	2	36.01	0.0	-2.15e-03	-3.20	0.0	-7.04	1.60	0.0	1.86	0.0	0.0
		0.0	0.0	-1.67e-03	0.0	90.0	-7.04	-1.60	0.0	1.86	0.0	0.0
4129	3	36.01	0.0	-2.10e-03	-3.20	0.0	-6.55	1.60	0.0	1.71	0.0	0.0
		0.0	0.0	-1.56e-03	0.0	90.0	-6.55	-1.60	0.0	1.71	0.0	0.0
4129	4	36.01	0.0	-1.99e-03	-3.20	0.0	-5.60	1.60	0.0	1.41	0.0	0.0
		0.0	0.0	-1.34e-03	0.0	90.0	-5.60	-1.60	0.0	1.41	0.0	0.0
4129	5	36.01	0.0	-1.99e-03	-3.20	0.0	-5.60	1.60	0.0	1.41	0.0	0.0
		0.0	0.0	-1.34e-03	0.0	90.0	-5.60	-1.60	0.0	1.41	0.0	0.0
4130	1	46.81	0.0	-1.78e-03	-4.16	0.0	-8.47	2.08	0.0	-1.49	0.0	0.0
		0.0	0.0	-2.15e-03	0.0	90.0	-8.47	-2.08	0.0	-1.49	0.0	0.0
4130	2	36.01	0.0	-1.38e-03	-3.20	0.0	-6.81	1.60	0.0	-1.21	0.0	0.0
		0.0	0.0	-1.73e-03	0.0	90.0	-6.81	-1.60	0.0	-1.21	0.0	0.0
4130	3	36.01	0.0	-1.37e-03	-3.20	0.0	-6.31	1.60	0.0	-1.12	0.0	0.0
		0.0	0.0	-1.62e-03	0.0	90.0	-6.31	-1.60	0.0	-1.12	0.0	0.0
4130	4	36.01	0.0	-1.36e-03	-3.20	0.0	-5.41	1.60	0.0	-0.94	0.0	0.0
		0.0	0.0	-1.39e-03	0.0	90.0	-5.41	-1.60	0.0	-0.94	0.0	0.0
4130	5	36.01	0.0	-1.36e-03	-3.20	0.0	-5.41	1.60	0.0	-0.94	0.0	0.0
		0.0	0.0	-1.39e-03	0.0	90.0	-5.41	-1.60	0.0	-0.94	0.0	0.0
4131	1	46.81	0.0	1.24e-03	-4.16	0.0	-6.64	2.08	0.0	-2.76	0.0	0.0
		0.0	0.0	-1.87e-03	0.0	90.0	-6.64	-2.08	0.0	-2.76	0.0	0.0
4131	2	36.01	0.0	9.75e-04	-3.20	0.0	-5.36	1.60	0.0	-2.23	0.0	0.0
		0.0	0.0	-1.50e-03	0.0	90.0	-5.36	-1.60	0.0	-2.23	0.0	0.0
4131	3	36.01	0.0	9.40e-04	-3.20	0.0	-5.00	1.60	0.0	-2.07	0.0	0.0
		0.0	0.0	-1.40e-03	0.0	90.0	-5.00	-1.60	0.0	-2.07	0.0	0.0

4131	4	36.01	0.0	8.63e-04	-3.20	0.0	-4.27	1.60	0.0	-1.75	0.0	0.0
		0.0	0.0	-1.21e-03	0.0	90.0	-4.27	-1.60	0.0	-1.75	0.0	0.0
4131	5	36.01	0.0	8.63e-04	-3.20	0.0	-4.27	1.60	0.0	-1.75	0.0	0.0
		0.0	0.0	-1.21e-03	0.0	90.0	-4.27	-1.60	0.0	-1.75	0.0	0.0
4132	1	46.81	0.0	-2.62e-03	-4.16	0.0	-8.89	2.08	0.0	0.85	0.0	0.0
		0.0	0.0	-1.77e-03	0.0	90.0	-8.89	-2.08	0.0	0.85	0.0	0.0
4132	2	36.01	0.0	-2.06e-03	-3.20	0.0	-7.17	1.60	0.0	0.68	0.0	0.0
		0.0	0.0	-1.42e-03	0.0	90.0	-7.17	-1.60	0.0	0.68	0.0	0.0
4132	3	36.01	0.0	-2.00e-03	-3.20	0.0	-6.71	1.60	0.0	0.64	0.0	0.0
		0.0	0.0	-1.33e-03	0.0	90.0	-6.71	-1.60	0.0	0.64	0.0	0.0
4132	4	36.01	0.0	-1.88e-03	-3.20	0.0	-5.73	1.60	0.0	0.56	0.0	0.0
		0.0	0.0	-1.15e-03	0.0	90.0	-5.73	-1.60	0.0	0.56	0.0	0.0
4132	5	36.01	0.0	-1.88e-03	-3.20	0.0	-5.73	1.60	0.0	0.56	0.0	0.0
		0.0	0.0	-1.15e-03	0.0	90.0	-5.73	-1.60	0.0	0.56	0.0	0.0
4133	1	46.81	0.0	-5.80e-03	-4.16	0.0	-13.15	2.08	0.0	5.33	0.0	0.0
		0.0	0.0	-1.83e-03	0.0	90.0	-13.15	-2.08	0.0	5.33	0.0	0.0
4133	2	36.01	0.0	-4.66e-03	-3.20	0.0	-10.62	1.60	0.0	4.31	0.0	0.0
		0.0	0.0	-1.47e-03	0.0	90.0	-10.62	-1.60	0.0	4.31	0.0	0.0
4133	3	36.01	0.0	-4.37e-03	-3.20	0.0	-9.94	1.60	0.0	3.99	0.0	0.0
		0.0	0.0	-1.37e-03	0.0	90.0	-9.94	-1.60	0.0	3.99	0.0	0.0
4133	4	36.01	0.0	-3.80e-03	-3.20	0.0	-8.43	1.60	0.0	3.37	0.0	0.0
		0.0	0.0	-1.19e-03	0.0	90.0	-8.43	-1.60	0.0	3.37	0.0	0.0
4133	5	36.01	0.0	-3.80e-03	-3.20	0.0	-8.43	1.60	0.0	3.37	0.0	0.0
		0.0	0.0	-1.19e-03	0.0	90.0	-8.43	-1.60	0.0	3.37	0.0	0.0
4134	1	46.81	0.0	-0.01	-4.16	0.0	-15.21	2.08	0.0	2.66	0.0	0.0
		0.0	0.0	-2.11e-03	0.0	90.0	-15.21	-2.08	0.0	2.66	0.0	0.0
4134	2	36.01	0.0	-0.01	-3.20	0.0	-12.29	1.60	0.0	2.14	0.0	0.0
		0.0	0.0	-1.70e-03	0.0	90.0	-12.29	-1.60	0.0	2.14	0.0	0.0
4134	3	36.01	0.0	-9.36e-03	-3.20	0.0	-11.53	1.60	0.0	2.02	0.0	0.0
		0.0	0.0	-1.59e-03	0.0	90.0	-11.53	-1.60	0.0	2.02	0.0	0.0
4134	4	36.01	0.0	-8.02e-03	-3.20	0.0	-9.84	1.60	0.0	1.75	0.0	0.0
		0.0	0.0	-1.37e-03	0.0	90.0	-9.84	-1.60	0.0	1.75	0.0	0.0
4134	5	36.01	0.0	-8.02e-03	-3.20	0.0	-9.84	1.60	0.0	1.75	0.0	0.0
		0.0	0.0	-1.37e-03	0.0	90.0	-9.84	-1.60	0.0	1.75	0.0	0.0
4135	1	46.81	0.0	-0.02	-4.16	0.0	-15.83	2.08	0.0	0.30	0.0	0.0
		0.0	0.0	-2.41e-03	0.0	90.0	-15.83	-2.08	0.0	0.30	0.0	0.0
4135	2	36.01	0.0	-0.02	-3.20	0.0	-12.79	1.60	0.0	0.21	0.0	0.0
		0.0	0.0	-1.94e-03	0.0	90.0	-12.79	-1.60	0.0	0.21	0.0	0.0
4135	3	36.01	0.0	-0.02	-3.20	0.0	-11.99	1.60	0.0	0.23	0.0	0.0
		0.0	0.0	-1.81e-03	0.0	90.0	-11.99	-1.60	0.0	0.23	0.0	0.0
4135	4	36.01	0.0	-0.01	-3.20	0.0	-10.23	1.60	0.0	0.29	0.0	0.0
		0.0	0.0	-1.56e-03	0.0	90.0	-10.23	-1.60	0.0	0.29	0.0	0.0
4135	5	36.01	0.0	-0.01	-3.20	0.0	-10.23	1.60	0.0	0.29	0.0	0.0
		0.0	0.0	-1.56e-03	0.0	90.0	-10.23	-1.60	0.0	0.29	0.0	0.0
4136	1	46.81	0.0	8.19e-03	-4.16	0.0	-12.72	2.08	0.0	1.16	0.0	0.0
		0.0	0.0	-2.50e-03	0.0	90.0	-12.72	-2.08	0.0	1.16	0.0	0.0
4136	2	36.01	0.0	6.62e-03	-3.20	0.0	-10.28	1.60	0.0	0.93	0.0	0.0
		0.0	0.0	-2.02e-03	0.0	90.0	-10.28	-1.60	0.0	0.93	0.0	0.0
4136	3	36.01	0.0	6.16e-03	-3.20	0.0	-9.64	1.60	0.0	0.87	0.0	0.0
		0.0	0.0	-1.89e-03	0.0	90.0	-9.64	-1.60	0.0	0.87	0.0	0.0
4136	4	36.01	0.0	5.26e-03	-3.20	0.0	-8.25	1.60	0.0	0.76	0.0	0.0
		0.0	0.0	-1.62e-03	0.0	90.0	-8.25	-1.60	0.0	0.76	0.0	0.0
4136	5	36.01	0.0	5.26e-03	-3.20	0.0	-8.25	1.60	0.0	0.76	0.0	0.0
		0.0	0.0	-1.62e-03	0.0	90.0	-8.25	-1.60	0.0	0.76	0.0	0.0
4137	1	46.81	0.0	0.02	-4.16	0.0	-11.21	2.08	0.0	-5.49	0.0	0.0
		0.0	0.0	-2.46e-03	0.0	90.0	-11.21	-2.08	0.0	-5.49	0.0	0.0
4137	2	36.01	0.0	0.02	-3.20	0.0	-9.07	1.60	0.0	-4.40	0.0	0.0
		0.0	0.0	-1.98e-03	0.0	90.0	-9.07	-1.60	0.0	-4.40	0.0	0.0
4137	3	36.01	0.0	0.02	-3.20	0.0	-8.49	1.60	0.0	-4.15	0.0	0.0
		0.0	0.0	-1.86e-03	0.0	90.0	-8.49	-1.60	0.0	-4.15	0.0	0.0
4137	4	36.01	0.0	0.02	-3.20	0.0	-7.26	1.60	0.0	-3.64	0.0	0.0
		0.0	0.0	-1.60e-03	0.0	90.0	-7.26	-1.60	0.0	-3.64	0.0	0.0
4137	5	36.01	0.0	0.02	-3.20	0.0	-7.26	1.60	0.0	-3.64	0.0	0.0
		0.0	0.0	-1.60e-03	0.0	90.0	-7.26	-1.60	0.0	-3.64	0.0	0.0
4138	1	46.81	0.0	3.15e-03	-4.16	0.0	-12.67	2.08	0.0	-0.05	0.0	0.0
		0.0	0.0	-2.38e-03	0.0	90.0	-12.67	-2.08	0.0	-0.05	0.0	0.0
4138	2	36.01	0.0	2.58e-03	-3.20	0.0	-10.27	1.60	0.0	-4.79e-03	0.0	0.0
		0.0	0.0	-1.92e-03	0.0	90.0	-10.27	-1.60	0.0	-4.79e-03	0.0	0.0
4138	3	36.01	0.0	2.36e-03	-3.20	0.0	-9.55	1.60	0.0	-0.06	0.0	0.0
		0.0	0.0	-1.79e-03	0.0	90.0	-9.55	-1.60	0.0	-0.06	0.0	0.0
4138	4	36.01	0.0	1.91e-03	-3.20	0.0	-8.13	1.60	0.0	-0.16	0.0	0.0
		0.0	0.0	-1.55e-03	0.0	90.0	-8.13	-1.60	0.0	-0.16	0.0	0.0
4138	5	36.01	0.0	1.91e-03	-3.20	0.0	-8.13	1.60	0.0	-0.16	0.0	0.0
		0.0	0.0	-1.55e-03	0.0	90.0	-8.13	-1.60	0.0	-0.16	0.0	0.0
4139	1	46.81	0.0	-6.30e-03	-4.16	0.0	-13.52	2.08	0.0	-2.81	0.0	0.0
		0.0	0.0	-2.45e-03	0.0	90.0	-13.52	-2.08	0.0	-2.81	0.0	0.0
4139	2	36.01	0.0	-5.02e-03	-3.20	0.0	-10.92	1.60	0.0	-2.26	0.0	0.0

		0.0	0.0	-1.98e-03	0.0	90.0	-10.92	-1.60	0.0	-2.26	0.0	0.0
4139	3	36.01	0.0	-4.77e-03	-3.20	0.0	-10.16	1.60	0.0	-2.11	0.0	0.0
		0.0	0.0	-1.85e-03	0.0	90.0	-10.16	-1.60	0.0	-2.11	0.0	0.0
4139	4	36.01	0.0	-4.26e-03	-3.20	0.0	-8.67	1.60	0.0	-1.84	0.0	0.0
		0.0	0.0	-1.59e-03	0.0	90.0	-8.67	-1.60	0.0	-1.84	0.0	0.0
4139	5	36.01	0.0	-4.26e-03	-3.20	0.0	-8.67	1.60	0.0	-1.84	0.0	0.0
		0.0	0.0	-1.59e-03	0.0	90.0	-8.67	-1.60	0.0	-1.84	0.0	0.0
4140	1	46.81	0.0	-7.04e-03	-4.16	0.0	-22.31	2.08	0.0	-3.62	0.0	0.0
		0.0	0.0	-1.97e-03	0.0	90.0	-22.31	-2.08	0.0	-3.62	0.0	0.0
4140	2	36.01	0.0	-5.61e-03	-3.20	0.0	-18.03	1.60	0.0	-2.92	0.0	0.0
		0.0	0.0	-1.59e-03	0.0	90.0	-18.03	-1.60	0.0	-2.92	0.0	0.0
4140	3	36.01	0.0	-5.33e-03	-3.20	0.0	-16.78	1.60	0.0	-2.73	0.0	0.0
		0.0	0.0	-1.49e-03	0.0	90.0	-16.78	-1.60	0.0	-2.73	0.0	0.0
4140	4	36.01	0.0	-4.78e-03	-3.20	0.0	-14.28	1.60	0.0	-2.33	0.0	0.0
		0.0	0.0	-1.29e-03	0.0	90.0	-14.28	-1.60	0.0	-2.33	0.0	0.0
4140	5	36.01	0.0	-4.78e-03	-3.20	0.0	-14.28	1.60	0.0	-2.33	0.0	0.0
		0.0	0.0	-1.29e-03	0.0	90.0	-14.28	-1.60	0.0	-2.33	0.0	0.0
4141	1	46.81	0.0	-0.02	-4.16	0.0	-10.76	2.08	0.0	1.01	0.0	0.0
		0.0	0.0	-2.39e-03	0.0	90.0	-10.76	-2.08	0.0	1.01	0.0	0.0
4141	2	36.01	0.0	-0.02	-3.20	0.0	-8.70	1.60	0.0	0.81	0.0	0.0
		0.0	0.0	-1.93e-03	0.0	90.0	-8.70	-1.60	0.0	0.81	0.0	0.0
4141	3	36.01	0.0	-0.02	-3.20	0.0	-8.10	1.60	0.0	0.75	0.0	0.0
		0.0	0.0	-1.80e-03	0.0	90.0	-8.10	-1.60	0.0	0.75	0.0	0.0
4141	4	36.01	0.0	-0.01	-3.20	0.0	-6.88	1.60	0.0	0.62	0.0	0.0
		0.0	0.0	-1.54e-03	0.0	90.0	-6.88	-1.60	0.0	0.62	0.0	0.0
4141	5	36.01	0.0	-0.01	-3.20	0.0	-6.88	1.60	0.0	0.62	0.0	0.0
		0.0	0.0	-1.54e-03	0.0	90.0	-6.88	-1.60	0.0	0.62	0.0	0.0
4142	1	46.81	0.0	-0.01	-4.16	0.0	-1.80	2.08	0.0	-2.79	0.0	0.0
		0.0	0.0	-2.16e-03	0.0	90.0	-1.80	-2.08	0.0	-2.79	0.0	0.0
4142	2	36.01	0.0	-0.01	-3.20	0.0	-1.46	1.60	0.0	-2.26	0.0	0.0
		0.0	0.0	-1.74e-03	0.0	90.0	-1.46	-1.60	0.0	-2.26	0.0	0.0
4142	3	36.01	0.0	-0.01	-3.20	0.0	-1.34	1.60	0.0	-2.12	0.0	0.0
		0.0	0.0	-1.62e-03	0.0	90.0	-1.34	-1.60	0.0	-2.12	0.0	0.0
4142	4	36.01	0.0	-9.15e-03	-3.20	0.0	-1.13	1.60	0.0	-1.79	0.0	0.0
		0.0	0.0	-1.40e-03	0.0	90.0	-1.13	-1.60	0.0	-1.79	0.0	0.0
4142	5	36.01	0.0	-9.15e-03	-3.20	0.0	-1.13	1.60	0.0	-1.79	0.0	0.0
		0.0	0.0	-1.40e-03	0.0	90.0	-1.13	-1.60	0.0	-1.79	0.0	0.0
4143	1	46.81	0.0	-3.65e-03	-4.16	0.0	-3.83	2.08	0.0	-5.29	0.0	0.0
		0.0	0.0	-2.05e-03	0.0	90.0	-3.83	-2.08	0.0	-5.29	0.0	0.0
4143	2	36.01	0.0	-2.98e-03	-3.20	0.0	-3.12	1.60	0.0	-4.29	0.0	0.0
		0.0	0.0	-1.65e-03	0.0	90.0	-3.12	-1.60	0.0	-4.29	0.0	0.0
4143	3	36.01	0.0	-2.73e-03	-3.20	0.0	-2.89	1.60	0.0	-3.95	0.0	0.0
		0.0	0.0	-1.55e-03	0.0	90.0	-2.89	-1.60	0.0	-3.95	0.0	0.0
4143	4	36.01	0.0	-2.28e-03	-3.20	0.0	-2.41	1.60	0.0	-3.31	0.0	0.0
		0.0	0.0	-1.33e-03	0.0	90.0	-2.41	-1.60	0.0	-3.31	0.0	0.0
4143	5	36.01	0.0	-2.28e-03	-3.20	0.0	-2.41	1.60	0.0	-3.31	0.0	0.0
		0.0	0.0	-1.33e-03	0.0	90.0	-2.41	-1.60	0.0	-3.31	0.0	0.0
4144	1	46.81	0.0	-3.11e-03	-4.16	0.0	-3.24	2.08	0.0	-1.47	0.0	0.0
		0.0	0.0	-1.90e-03	0.0	90.0	-3.24	-2.08	0.0	-1.47	0.0	0.0
4144	2	36.01	0.0	-2.46e-03	-3.20	0.0	-2.64	1.60	0.0	-1.19	0.0	0.0
		0.0	0.0	-1.53e-03	0.0	90.0	-2.64	-1.60	0.0	-1.19	0.0	0.0
4144	3	36.01	0.0	-2.36e-03	-3.20	0.0	-2.44	1.60	0.0	-1.10	0.0	0.0
		0.0	0.0	-1.43e-03	0.0	90.0	-2.44	-1.60	0.0	-1.10	0.0	0.0
4144	4	36.01	0.0	-2.16e-03	-3.20	0.0	-2.02	1.60	0.0	-0.93	0.0	0.0
		0.0	0.0	-1.23e-03	0.0	90.0	-2.02	-1.60	0.0	-0.93	0.0	0.0
4144	5	36.01	0.0	-2.16e-03	-3.20	0.0	-2.02	1.60	0.0	-0.93	0.0	0.0
		0.0	0.0	-1.23e-03	0.0	90.0	-2.02	-1.60	0.0	-0.93	0.0	0.0
4145	1	46.81	0.0	-2.87e-03	-4.16	0.0	-2.79	2.08	0.0	2.87	0.0	0.0
		0.0	0.0	-2.03e-03	0.0	90.0	-2.79	-2.08	0.0	2.87	0.0	0.0
4145	2	36.01	0.0	-2.22e-03	-3.20	0.0	-2.30	1.60	0.0	2.32	0.0	0.0
		0.0	0.0	-1.64e-03	0.0	90.0	-2.30	-1.60	0.0	2.32	0.0	0.0
4145	3	36.01	0.0	-2.20e-03	-3.20	0.0	-2.15	1.60	0.0	2.14	0.0	0.0
		0.0	0.0	-1.53e-03	0.0	90.0	-2.15	-1.60	0.0	2.14	0.0	0.0
4145	4	36.01	0.0	-2.15e-03	-3.20	0.0	-1.73	1.60	0.0	1.79	0.0	0.0
		0.0	0.0	-1.32e-03	0.0	90.0	-1.73	-1.60	0.0	1.79	0.0	0.0
4145	5	36.01	0.0	-2.15e-03	-3.20	0.0	-1.73	1.60	0.0	1.79	0.0	0.0
		0.0	0.0	-1.32e-03	0.0	90.0	-1.73	-1.60	0.0	1.79	0.0	0.0
4146	1	46.81	0.0	-4.32e-03	-4.16	0.0	-15.58	2.08	0.0	-1.44	0.0	0.0
		0.0	0.0	-2.19e-03	0.0	90.0	-15.58	-2.08	0.0	-1.44	0.0	0.0
4146	2	36.01	0.0	-3.45e-03	-3.20	0.0	-12.55	1.60	0.0	-1.17	0.0	0.0
		0.0	0.0	-1.77e-03	0.0	90.0	-12.55	-1.60	0.0	-1.17	0.0	0.0
4146	3	36.01	0.0	-3.27e-03	-3.20	0.0	-11.75	1.60	0.0	-1.08	0.0	0.0
		0.0	0.0	-1.65e-03	0.0	90.0	-11.75	-1.60	0.0	-1.08	0.0	0.0
4146	4	36.01	0.0	-2.92e-03	-3.20	0.0	-10.02	1.60	0.0	-0.90	0.0	0.0
		0.0	0.0	-1.42e-03	0.0	90.0	-10.02	-1.60	0.0	-0.90	0.0	0.0
4146	5	36.01	0.0	-2.92e-03	-3.20	0.0	-10.02	1.60	0.0	-0.90	0.0	0.0
		0.0	0.0	-1.42e-03	0.0	90.0	-10.02	-1.60	0.0	-0.90	0.0	0.0



4147	1	46.81	0.0	4.21e-03	-4.16	0.0	-5.96	2.08	0.0	-3.30	0.0	0.0
		0.0	0.0	-1.86e-03	0.0	90.0	-5.96	-2.08	0.0	-3.30	0.0	0.0
4147	2	36.01	0.0	3.34e-03	-3.20	0.0	-4.87	1.60	0.0	-2.66	0.0	0.0
		0.0	0.0	-1.50e-03	0.0	90.0	-4.87	-1.60	0.0	-2.66	0.0	0.0
4147	3	36.01	0.0	3.20e-03	-3.20	0.0	-4.54	1.60	0.0	-2.47	0.0	0.0
		0.0	0.0	-1.40e-03	0.0	90.0	-4.54	-1.60	0.0	-2.47	0.0	0.0
4147	4	36.01	0.0	2.91e-03	-3.20	0.0	-3.77	1.60	0.0	-2.11	0.0	0.0
		0.0	0.0	-1.21e-03	0.0	90.0	-3.77	-1.60	0.0	-2.11	0.0	0.0
4147	5	36.01	0.0	2.91e-03	-3.20	0.0	-3.77	1.60	0.0	-2.11	0.0	0.0
		0.0	0.0	-1.21e-03	0.0	90.0	-3.77	-1.60	0.0	-2.11	0.0	0.0
4148	1	46.81	0.0	-2.22e-03	-4.16	0.0	-5.48	2.08	0.0	0.91	0.0	0.0
		0.0	0.0	-1.79e-03	0.0	90.0	-5.48	-2.08	0.0	0.91	0.0	0.0
4148	2	36.01	0.0	-1.73e-03	-3.20	0.0	-4.45	1.60	0.0	0.73	0.0	0.0
		0.0	0.0	-1.44e-03	0.0	90.0	-4.45	-1.60	0.0	0.73	0.0	0.0
4148	3	36.01	0.0	-1.69e-03	-3.20	0.0	-4.12	1.60	0.0	0.68	0.0	0.0
		0.0	0.0	-1.35e-03	0.0	90.0	-4.12	-1.60	0.0	0.68	0.0	0.0
4148	4	36.01	0.0	-1.62e-03	-3.20	0.0	-3.44	1.60	0.0	0.60	0.0	0.0
		0.0	0.0	-1.16e-03	0.0	90.0	-3.44	-1.60	0.0	0.60	0.0	0.0
4148	5	36.01	0.0	-1.62e-03	-3.20	0.0	-3.44	1.60	0.0	0.60	0.0	0.0
		0.0	0.0	-1.16e-03	0.0	90.0	-3.44	-1.60	0.0	0.60	0.0	0.0
4149	1	46.81	0.0	-5.79e-03	-4.16	0.0	-2.63	2.08	0.0	6.03	0.0	0.0
		0.0	0.0	-1.79e-03	0.0	90.0	-2.63	-2.08	0.0	6.03	0.0	0.0
4149	2	36.01	0.0	-4.61e-03	-3.20	0.0	-2.15	1.60	0.0	4.87	0.0	0.0
		0.0	0.0	-1.44e-03	0.0	90.0	-2.15	-1.60	0.0	4.87	0.0	0.0
4149	3	36.01	0.0	-4.38e-03	-3.20	0.0	-1.95	1.60	0.0	4.52	0.0	0.0
		0.0	0.0	-1.34e-03	0.0	90.0	-1.95	-1.60	0.0	4.52	0.0	0.0
4149	4	36.01	0.0	-3.90e-03	-3.20	0.0	-1.59	1.60	0.0	3.83	0.0	0.0
		0.0	0.0	-1.16e-03	0.0	90.0	-1.59	-1.60	0.0	3.83	0.0	0.0
4149	5	36.01	0.0	-3.90e-03	-3.20	0.0	-1.59	1.60	0.0	3.83	0.0	0.0
		0.0	0.0	-1.16e-03	0.0	90.0	-1.59	-1.60	0.0	3.83	0.0	0.0
4150	1	46.81	0.0	-0.01	-4.16	0.0	0.06	2.08	0.0	3.24	0.0	0.0
		0.0	0.0	-2.09e-03	0.0	90.0	0.06	-2.08	0.0	3.24	0.0	0.0
4150	2	36.01	0.0	-9.60e-03	-3.20	0.0	0.01	1.60	0.0	2.61	0.0	0.0
		0.0	0.0	-1.68e-03	0.0	90.0	0.01	-1.60	0.0	2.61	0.0	0.0
4150	3	36.01	0.0	-8.95e-03	-3.20	0.0	0.09	1.60	0.0	2.46	0.0	0.0
		0.0	0.0	-1.57e-03	0.0	90.0	0.09	-1.60	0.0	2.46	0.0	0.0
4150	4	36.01	0.0	-7.67e-03	-3.20	0.0	0.14	1.60	0.0	2.12	0.0	0.0
		0.0	0.0	-1.35e-03	0.0	90.0	0.14	-1.60	0.0	2.12	0.0	0.0
4150	5	36.01	0.0	-7.67e-03	-3.20	0.0	0.14	1.60	0.0	2.12	0.0	0.0
		0.0	0.0	-1.35e-03	0.0	90.0	0.14	-1.60	0.0	2.12	0.0	0.0
4151	1	46.81	0.0	-0.02	-4.16	0.0	-0.85	2.08	0.0	1.12	0.0	0.0
		0.0	0.0	-2.46e-03	0.0	90.0	-0.85	-2.08	0.0	1.12	0.0	0.0
4151	2	36.01	0.0	-0.01	-3.20	0.0	-0.72	1.60	0.0	0.87	0.0	0.0
		0.0	0.0	-1.98e-03	0.0	90.0	-0.72	-1.60	0.0	0.87	0.0	0.0
4151	3	36.01	0.0	-0.01	-3.20	0.0	-0.60	1.60	0.0	0.85	0.0	0.0
		0.0	0.0	-1.85e-03	0.0	90.0	-0.60	-1.60	0.0	0.85	0.0	0.0
4151	4	36.01	0.0	-0.01	-3.20	0.0	-0.48	1.60	0.0	0.82	0.0	0.0
		0.0	0.0	-1.60e-03	0.0	90.0	-0.48	-1.60	0.0	0.82	0.0	0.0
4151	5	36.01	0.0	-0.01	-3.20	0.0	-0.48	1.60	0.0	0.82	0.0	0.0
		0.0	0.0	-1.60e-03	0.0	90.0	-0.48	-1.60	0.0	0.82	0.0	0.0
4152	1	46.81	0.0	0.01	-4.16	0.0	-2.46	2.08	0.0	-0.18	0.0	0.0
		0.0	0.0	-2.48e-03	0.0	90.0	-2.46	-2.08	0.0	-0.18	0.0	0.0
4152	2	36.01	0.0	9.15e-03	-3.20	0.0	-2.02	1.60	0.0	-0.15	0.0	0.0
		0.0	0.0	-2.00e-03	0.0	90.0	-2.02	-1.60	0.0	-0.15	0.0	0.0
4152	3	36.01	0.0	8.53e-03	-3.20	0.0	-1.84	1.60	0.0	-0.14	0.0	0.0
		0.0	0.0	-1.87e-03	0.0	90.0	-1.84	-1.60	0.0	-0.14	0.0	0.0
4152	4	36.01	0.0	7.30e-03	-3.20	0.0	-1.55	1.60	0.0	-0.11	0.0	0.0
		0.0	0.0	-1.61e-03	0.0	90.0	-1.55	-1.60	0.0	-0.11	0.0	0.0
4152	5	36.01	0.0	7.30e-03	-3.20	0.0	-1.55	1.60	0.0	-0.11	0.0	0.0
		0.0	0.0	-1.61e-03	0.0	90.0	-1.55	-1.60	0.0	-0.11	0.0	0.0
4153	1	46.81	0.0	0.02	-4.16	0.0	-2.50	2.08	0.0	-5.75	0.0	0.0
		0.0	0.0	-2.45e-03	0.0	90.0	-2.50	-2.08	0.0	-5.75	0.0	0.0
4153	2	36.01	0.0	0.01	-3.20	0.0	-2.04	1.60	0.0	-4.61	0.0	0.0
		0.0	0.0	-1.98e-03	0.0	90.0	-2.04	-1.60	0.0	-4.61	0.0	0.0
4153	3	36.01	0.0	0.01	-3.20	0.0	-1.89	1.60	0.0	-4.34	0.0	0.0
		0.0	0.0	-1.85e-03	0.0	90.0	-1.89	-1.60	0.0	-4.34	0.0	0.0
4153	4	36.01	0.0	9.63e-03	-3.20	0.0	-1.60	1.60	0.0	-3.79	0.0	0.0
		0.0	0.0	-1.60e-03	0.0	90.0	-1.60	-1.60	0.0	-3.79	0.0	0.0
4153	5	36.01	0.0	9.63e-03	-3.20	0.0	-1.60	1.60	0.0	-3.79	0.0	0.0
		0.0	0.0	-1.60e-03	0.0	90.0	-1.60	-1.60	0.0	-3.79	0.0	0.0
4154	1	46.81	0.0	5.54e-03	-4.16	0.0	-2.21	2.08	0.0	-0.12	0.0	0.0
		0.0	0.0	-2.37e-03	0.0	90.0	-2.21	-2.08	0.0	-0.12	0.0	0.0
4154	2	36.01	0.0	4.58e-03	-3.20	0.0	-1.82	1.60	0.0	-0.07	0.0	0.0
		0.0	0.0	-1.90e-03	0.0	90.0	-1.82	-1.60	0.0	-0.07	0.0	0.0
4154	3	36.01	0.0	4.14e-03	-3.20	0.0	-1.68	1.60	0.0	-0.12	0.0	0.0
		0.0	0.0	-1.78e-03	0.0	90.0	-1.68	-1.60	0.0	-0.12	0.0	0.0
4154	4	36.01	0.0	3.23e-03	-3.20	0.0	-1.43	1.60	0.0	-0.19	0.0	0.0

		0.0	0.0	-1.54e-03	0.0	90.0	-1.43	-1.60	0.0	-0.19	0.0	0.0
4154	5	36.01	0.0	3.23e-03	-3.20	0.0	-1.43	1.60	0.0	-0.19	0.0	0.0
		0.0	0.0	-1.54e-03	0.0	90.0	-1.43	-1.60	0.0	-0.19	0.0	0.0
4155	1	46.81	0.0	-7.59e-03	-4.16	0.0	-0.60	2.08	0.0	-2.43	0.0	0.0
		0.0	0.0	-2.57e-03	0.0	90.0	-0.60	-2.08	0.0	-2.43	0.0	0.0
4155	2	36.01	0.0	-6.06e-03	-3.20	0.0	-0.51	1.60	0.0	-1.94	0.0	0.0
		0.0	0.0	-2.07e-03	0.0	90.0	-0.51	-1.60	0.0	-1.94	0.0	0.0
4155	3	36.01	0.0	-5.75e-03	-3.20	0.0	-0.48	1.60	0.0	-1.82	0.0	0.0
		0.0	0.0	-1.93e-03	0.0	90.0	-0.48	-1.60	0.0	-1.82	0.0	0.0
4155	4	36.01	0.0	-5.10e-03	-3.20	0.0	-0.40	1.60	0.0	-1.60	0.0	0.0
		0.0	0.0	-1.66e-03	0.0	90.0	-0.40	-1.60	0.0	-1.60	0.0	0.0
4155	5	36.01	0.0	-5.10e-03	-3.20	0.0	-0.40	1.60	0.0	-1.60	0.0	0.0
		0.0	0.0	-1.66e-03	0.0	90.0	-0.40	-1.60	0.0	-1.60	0.0	0.0
4156	1	46.81	0.0	5.65e-03	-4.16	0.0	-10.06	2.08	0.0	-6.14	0.0	0.0
		0.0	0.0	-2.16e-03	0.0	90.0	-10.06	-2.08	0.0	-6.14	0.0	0.0
4156	2	36.01	0.0	4.60e-03	-3.20	0.0	-8.13	1.60	0.0	-4.95	0.0	0.0
		0.0	0.0	-1.74e-03	0.0	90.0	-8.13	-1.60	0.0	-4.95	0.0	0.0
4156	3	36.01	0.0	4.23e-03	-3.20	0.0	-7.56	1.60	0.0	-4.62	0.0	0.0
		0.0	0.0	-1.63e-03	0.0	90.0	-7.56	-1.60	0.0	-4.62	0.0	0.0
4156	4	36.01	0.0	3.50e-03	-3.20	0.0	-6.43	1.60	0.0	-3.95	0.0	0.0
		0.0	0.0	-1.41e-03	0.0	90.0	-6.43	-1.60	0.0	-3.95	0.0	0.0
4156	5	36.01	0.0	3.50e-03	-3.20	0.0	-6.43	1.60	0.0	-3.95	0.0	0.0
		0.0	0.0	-1.41e-03	0.0	90.0	-6.43	-1.60	0.0	-3.95	0.0	0.0
4157	1	46.81	0.0	-0.02	-4.16	0.0	-10.69	2.08	0.0	-1.19	0.0	0.0
		0.0	0.0	-1.79e-03	0.0	90.0	-10.69	-2.08	0.0	-1.19	0.0	0.0
4157	2	36.01	0.0	-0.02	-3.20	0.0	-8.64	1.60	0.0	-0.97	0.0	0.0
		0.0	0.0	-1.45e-03	0.0	90.0	-8.64	-1.60	0.0	-0.97	0.0	0.0
4157	3	36.01	0.0	-0.02	-3.20	0.0	-8.04	1.60	0.0	-0.90	0.0	0.0
		0.0	0.0	-1.35e-03	0.0	90.0	-8.04	-1.60	0.0	-0.90	0.0	0.0
4157	4	36.01	0.0	-0.01	-3.20	0.0	-6.82	1.60	0.0	-0.75	0.0	0.0
		0.0	0.0	-1.17e-03	0.0	90.0	-6.82	-1.60	0.0	-0.75	0.0	0.0
4157	5	36.01	0.0	-0.01	-3.20	0.0	-6.82	1.60	0.0	-0.75	0.0	0.0
		0.0	0.0	-1.17e-03	0.0	90.0	-6.82	-1.60	0.0	-0.75	0.0	0.0
4158	1	46.81	0.0	-0.02	-4.16	0.0	-3.06	2.08	0.0	1.91	0.0	0.0
		0.0	0.0	-2.51e-03	0.0	90.0	-3.06	-2.08	0.0	1.91	0.0	0.0
4158	2	36.01	0.0	-0.01	-3.20	0.0	-2.51	1.60	0.0	1.55	0.0	0.0
		0.0	0.0	-2.03e-03	0.0	90.0	-2.51	-1.60	0.0	1.55	0.0	0.0
4158	3	36.01	0.0	-0.01	-3.20	0.0	-2.31	1.60	0.0	1.42	0.0	0.0
		0.0	0.0	-1.89e-03	0.0	90.0	-2.31	-1.60	0.0	1.42	0.0	0.0
4158	4	36.01	0.0	-0.01	-3.20	0.0	-1.99	1.60	0.0	1.19	0.0	0.0
		0.0	0.0	-1.63e-03	0.0	90.0	-1.99	-1.60	0.0	1.19	0.0	0.0
4158	5	36.01	0.0	-0.01	-3.20	0.0	-1.99	1.60	0.0	1.19	0.0	0.0
		0.0	0.0	-1.63e-03	0.0	90.0	-1.99	-1.60	0.0	1.19	0.0	0.0
4163	1	479.78	9.82	-3.38e-03	-2.08	0.0	149.15	-9.62	-0.22	1.33	9.82	479.78
		0.0	0.0	-1.16e-04	0.0	45.0	149.15	-11.70	-0.22	1.33	0.0	0.0
4163	2	389.96	7.98	-2.73e-03	-1.60	0.0	120.60	-7.87	-0.18	1.11	7.98	389.96
		0.0	0.0	-9.07e-05	0.0	45.0	120.60	-9.47	-0.18	1.11	0.0	0.0
4163	3	359.76	7.36	-2.54e-03	-1.60	0.0	112.20	-7.19	-0.16	0.99	7.36	359.76
		0.0	0.0	-8.87e-05	0.0	45.0	112.20	-8.79	-0.16	0.99	0.0	0.0
4163	4	299.39	6.15	-2.16e-03	-1.60	0.0	95.42	-5.85	-0.14	0.74	6.15	299.39
		0.0	0.0	-8.62e-05	0.0	45.0	95.42	-7.45	-0.14	0.74	0.0	0.0
4163	5	299.39	6.15	-2.16e-03	-1.60	0.0	95.42	-5.85	-0.14	0.74	6.15	299.39
		0.0	0.0	-8.62e-05	0.0	45.0	95.42	-7.45	-0.14	0.74	0.0	0.0
4164	1	556.14	10.43	4.34e-03	-2.08	0.0	162.03	-11.32	-0.23	5.31	10.43	556.14
		0.0	0.0	-1.01e-03	0.0	45.0	162.03	-13.40	-0.23	5.31	0.0	0.0
4164	2	451.93	8.47	3.54e-03	-1.60	0.0	130.95	-9.24	-0.19	4.33	8.47	451.93
		0.0	0.0	-8.14e-04	0.0	45.0	130.95	-10.84	-0.19	4.33	0.0	0.0
4164	3	417.05	7.83	3.25e-03	-1.60	0.0	121.94	-8.47	-0.17	3.98	7.83	417.05
		0.0	0.0	-7.64e-04	0.0	45.0	121.94	-10.07	-0.17	3.98	0.0	0.0
4164	4	347.22	6.50	2.67e-03	-1.60	0.0	104.13	-6.92	-0.14	3.30	6.50	347.22
		0.0	0.0	-6.62e-04	0.0	45.0	104.13	-8.52	-0.14	3.30	0.0	0.0
4164	5	347.22	6.50	2.67e-03	-1.60	0.0	104.13	-6.92	-0.14	3.30	6.50	347.22
		0.0	0.0	-6.62e-04	0.0	45.0	104.13	-8.52	-0.14	3.30	0.0	0.0
4165	1	548.46	3.61	7.38e-03	-2.08	0.0	177.66	-11.15	-0.08	-0.19	3.61	548.46
		0.0	0.0	-2.60e-03	0.0	45.0	177.66	-13.23	-0.08	-0.19	0.0	0.0
4165	2	445.59	2.96	5.99e-03	-1.60	0.0	144.04	-9.10	-0.07	-0.14	2.96	445.59
		0.0	0.0	-2.10e-03	0.0	45.0	144.04	-10.70	-0.07	-0.14	0.0	0.0
4165	3	411.37	2.70	5.54e-03	-1.60	0.0	133.35	-8.34	-0.06	-0.15	2.70	411.37
		0.0	0.0	-1.96e-03	0.0	45.0	133.35	-9.94	-0.06	-0.15	0.0	0.0
4165	4	342.95	2.17	4.64e-03	-1.60	0.0	112.08	-6.82	-0.05	-0.18	2.17	342.95
		0.0	0.0	-1.68e-03	0.0	45.0	112.08	-8.42	-0.05	-0.18	0.0	0.0
4165	5	342.95	2.17	4.64e-03	-1.60	0.0	112.08	-6.82	-0.05	-0.18	2.17	342.95
		0.0	0.0	-1.68e-03	0.0	45.0	112.08	-8.42	-0.05	-0.18	0.0	0.0
4166	1	555.56	4.95	0.01	-2.08	0.0	61.40	-11.31	-0.11	-5.23	4.95	555.56
		0.0	0.0	-1.24e-03	0.0	45.0	61.40	-13.39	-0.11	-5.23	0.0	0.0
4166	2	451.37	4.05	0.01	-1.60	0.0	49.85	-9.23	-0.09	-4.20	4.05	451.37
		0.0	0.0	-1.00e-03	0.0	45.0	49.85	-10.83	-0.09	-4.20	0.0	0.0

4166	3	416.69	3.71	9.48e-03	-1.60	0.0	46.05	-8.46	-0.08	-3.93	3.71	416.69
		0.0	0.0	-9.36e-04	0.0	45.0	46.05	-10.06	-0.08	-3.93	0.0	0.0
4166	4	347.34	3.05	7.93e-03	-1.60	0.0	38.49	-6.92	-0.07	-3.39	3.05	347.34
		0.0	0.0	-8.09e-04	0.0	45.0	38.49	-8.52	-0.07	-3.39	0.0	0.0
4166	5	347.34	3.05	7.93e-03	-1.60	0.0	38.49	-6.92	-0.07	-3.39	3.05	347.34
		0.0	0.0	-8.09e-04	0.0	45.0	38.49	-8.52	-0.07	-3.39	0.0	0.0
4167	1	591.53	13.29	0.02	-2.08	0.0	-151.93	-12.10	-0.30	0.68	13.29	591.53
		0.0	0.0	4.54e-04	0.0	45.0	-151.93	-14.19	-0.30	0.68	0.0	0.0
4167	2	480.60	10.78	0.01	-1.60	0.0	-123.47	-9.88	-0.24	0.60	10.78	480.60
		0.0	0.0	3.68e-04	0.0	45.0	-123.47	-11.48	-0.24	0.60	0.0	0.0
4167	3	443.57	9.95	0.01	-1.60	0.0	-113.76	-9.06	-0.22	0.52	9.95	443.57
		0.0	0.0	3.38e-04	0.0	45.0	-113.76	-10.66	-0.22	0.52	0.0	0.0
4167	4	369.50	8.34	0.01	-1.60	0.0	-94.57	-7.41	-0.19	0.36	8.34	369.50
		0.0	0.0	2.71e-04	0.0	45.0	-94.57	-9.01	-0.19	0.36	0.0	0.0
4167	5	369.50	8.34	0.01	-1.60	0.0	-94.57	-7.41	-0.19	0.36	8.34	369.50
		0.0	0.0	2.71e-04	0.0	45.0	-94.57	-9.01	-0.19	0.36	0.0	0.0
4168	1	571.14	12.80	0.02	-2.08	0.0	-204.21	-11.65	-0.28	4.92	12.80	571.14
		0.0	0.0	-1.06e-03	0.0	45.0	-204.21	-13.73	-0.28	4.92	0.0	0.0
4168	2	464.08	10.39	0.01	-1.60	0.0	-165.96	-9.51	-0.23	4.00	10.39	464.08
		0.0	0.0	-8.51e-04	0.0	45.0	-165.96	-11.11	-0.23	4.00	0.0	0.0
4168	3	428.29	9.61	0.01	-1.60	0.0	-153.06	-8.72	-0.21	3.66	9.61	428.29
		0.0	0.0	-8.01e-04	0.0	45.0	-153.06	-10.32	-0.21	3.66	0.0	0.0
4168	4	356.68	8.10	9.70e-03	-1.60	0.0	-127.59	-7.13	-0.18	3.03	8.10	356.68
		0.0	0.0	-6.92e-04	0.0	45.0	-127.59	-8.73	-0.18	3.03	0.0	0.0
4168	5	356.68	8.10	9.70e-03	-1.60	0.0	-127.59	-7.13	-0.18	3.03	8.10	356.68
		0.0	0.0	-6.92e-04	0.0	45.0	-127.59	-8.73	-0.18	3.03	0.0	0.0
4169	1	521.81	4.37	0.01	-2.08	0.0	-136.61	-10.56	-0.10	-2.83	4.37	521.81
		0.0	0.0	-2.87e-03	0.0	45.0	-136.61	-12.64	-0.10	-2.83	0.0	0.0
4169	2	424.00	3.58	0.01	-1.60	0.0	-110.74	-8.62	-0.08	-2.25	3.58	424.00
		0.0	0.0	-2.32e-03	0.0	45.0	-110.74	-10.22	-0.08	-2.25	0.0	0.0
4169	3	391.37	3.27	9.53e-03	-1.60	0.0	-102.66	-7.90	-0.07	-2.13	3.27	391.37
		0.0	0.0	-2.16e-03	0.0	45.0	-102.66	-9.50	-0.07	-2.13	0.0	0.0
4169	4	326.01	2.67	7.98e-03	-1.60	0.0	-86.46	-6.44	-0.06	-1.83	2.67	326.01
		0.0	0.0	-1.85e-03	0.0	45.0	-86.46	-8.04	-0.06	-1.83	0.0	0.0
4169	5	326.01	2.67	7.98e-03	-1.60	0.0	-86.46	-6.44	-0.06	-1.83	2.67	326.01
		0.0	0.0	-1.85e-03	0.0	45.0	-86.46	-8.04	-0.06	-1.83	0.0	0.0
4170	1	520.99	5.28	0.01	-2.08	0.0	-160.27	-10.54	-0.12	-9.22	5.28	520.99
		0.0	0.0	-1.21e-03	0.0	45.0	-160.27	-12.62	-0.12	-9.22	0.0	0.0
4170	2	423.34	4.31	0.01	-1.60	0.0	-129.80	-8.61	-0.10	-7.43	4.31	423.34
		0.0	0.0	-9.76e-04	0.0	45.0	-129.80	-10.21	-0.10	-7.43	0.0	0.0
4170	3	390.74	3.95	0.01	-1.60	0.0	-120.41	-7.88	-0.09	-6.93	3.95	390.74
		0.0	0.0	-9.11e-04	0.0	45.0	-120.41	-9.48	-0.09	-6.93	0.0	0.0
4170	4	325.52	3.25	8.73e-03	-1.60	0.0	-101.54	-6.43	-0.07	-5.95	3.25	325.52
		0.0	0.0	-7.83e-04	0.0	45.0	-101.54	-8.03	-0.07	-5.95	0.0	0.0
4170	5	325.52	3.25	8.73e-03	-1.60	0.0	-101.54	-6.43	-0.07	-5.95	3.25	325.52
		0.0	0.0	-7.83e-04	0.0	45.0	-101.54	-8.03	-0.07	-5.95	0.0	0.0
4171	1	563.58	13.63	0.02	-2.08	0.0	-263.02	-11.48	-0.30	-2.73	13.63	563.58
		0.0	0.0	9.69e-04	0.0	45.0	-263.02	-13.56	-0.30	-2.73	0.0	0.0
4171	2	457.97	11.05	0.01	-1.60	0.0	-213.54	-9.38	-0.25	-2.18	11.05	457.97
		0.0	0.0	7.86e-04	0.0	45.0	-213.54	-10.98	-0.25	-2.18	0.0	0.0
4171	3	422.61	10.21	0.01	-1.60	0.0	-197.19	-8.59	-0.23	-2.06	10.21	422.61
		0.0	0.0	7.25e-04	0.0	45.0	-197.19	-10.19	-0.23	-2.06	0.0	0.0
4171	4	351.91	8.54	0.01	-1.60	0.0	-164.50	-7.02	-0.19	-1.80	8.54	351.91
		0.0	0.0	6.01e-04	0.0	45.0	-164.50	-8.62	-0.19	-1.80	0.0	0.0
4171	5	351.91	8.54	0.01	-1.60	0.0	-164.50	-7.02	-0.19	-1.80	8.54	351.91
		0.0	0.0	6.01e-04	0.0	45.0	-164.50	-8.62	-0.19	-1.80	0.0	0.0
4172	1	549.25	12.10	0.01	-2.08	0.0	-178.52	-11.17	-0.27	0.64	12.10	549.25
		0.0	0.0	-8.17e-04	0.0	45.0	-178.52	-13.25	-0.27	0.64	0.0	0.0
4172	2	446.38	9.81	0.01	-1.60	0.0	-145.22	-9.12	-0.22	0.54	9.81	446.38
		0.0	0.0	-6.57e-04	0.0	45.0	-145.22	-10.72	-0.22	0.54	0.0	0.0
4172	3	411.89	9.07	9.68e-03	-1.60	0.0	-133.74	-8.35	-0.20	0.43	9.07	411.89
		0.0	0.0	-6.22e-04	0.0	45.0	-133.74	-9.95	-0.20	0.43	0.0	0.0
4172	4	342.92	7.59	8.06e-03	-1.60	0.0	-110.82	-6.82	-0.17	0.27	7.59	342.92
		0.0	0.0	-5.38e-04	0.0	45.0	-110.82	-8.42	-0.17	0.27	0.0	0.0
4172	5	342.92	7.59	8.06e-03	-1.60	0.0	-110.82	-6.82	-0.17	0.27	7.59	342.92
		0.0	0.0	-5.38e-04	0.0	45.0	-110.82	-8.42	-0.17	0.27	0.0	0.0
4173	1	500.67	7.47	0.01	-2.08	0.0	28.20	-10.09	-0.17	-1.27	7.47	500.67
		0.0	0.0	-7.39e-04	0.0	45.0	28.20	-12.17	-0.17	-1.27	0.0	0.0
4173	2	406.91	6.07	8.36e-03	-1.60	0.0	22.84	-8.24	-0.13	-1.01	6.07	406.91
		0.0	0.0	-5.98e-04	0.0	45.0	22.84	-9.84	-0.13	-1.01	0.0	0.0
4173	3	375.47	5.61	7.72e-03	-1.60	0.0	21.20	-7.54	-0.12	-0.97	5.61	375.47
		0.0	0.0	-5.52e-04	0.0	45.0	21.20	-9.14	-0.12	-0.97	0.0	0.0
4173	4	312.56	4.68	6.45e-03	-1.60	0.0	17.91	-6.15	-0.10	-0.87	4.68	312.56
		0.0	0.0	-4.68e-04	0.0	45.0	17.91	-7.75	-0.10	-0.87	0.0	0.0
4173	5	312.56	4.68	6.45e-03	-1.60	0.0	17.91	-6.15	-0.10	-0.87	4.68	312.56
		0.0	0.0	-4.68e-04	0.0	45.0	17.91	-7.75	-0.10	-0.87	0.0	0.0
4174	1	530.98	6.45	0.02	-2.08	0.0	60.94	-10.76	-0.14	0.71	6.45	530.98

		0.0	0.0	-5.30e-04	0.0	45.0	60.94	-12.84	-0.14	0.71	0.0	0.0
4174	2	431.47	5.26	0.01	-1.60	0.0	49.88	-8.79	-0.12	0.59	5.26	431.47
		0.0	0.0	-4.25e-04	0.0	45.0	49.88	-10.39	-0.12	0.59	0.0	0.0
4174	3	398.23	4.84	0.01	-1.60	0.0	45.52	-8.05	-0.11	0.54	4.84	398.23
		0.0	0.0	-3.99e-04	0.0	45.0	45.52	-9.65	-0.11	0.54	0.0	0.0
4174	4	331.74	4.01	9.49e-03	-1.60	0.0	36.77	-6.57	-0.09	0.45	4.01	331.74
		0.0	0.0	-3.52e-04	0.0	45.0	36.77	-8.17	-0.09	0.45	0.0	0.0
4174	5	331.74	4.01	9.49e-03	-1.60	0.0	36.77	-6.57	-0.09	0.45	4.01	331.74
		0.0	0.0	-3.52e-04	0.0	45.0	36.77	-8.17	-0.09	0.45	0.0	0.0
4175	1	548.33	4.55	0.02	-2.08	0.0	48.49	-11.15	-0.10	1.01	4.55	548.33
		0.0	0.0	-1.31e-03	0.0	45.0	48.49	-13.23	-0.10	1.01	0.0	0.0
4175	2	445.52	3.72	0.01	-1.60	0.0	40.06	-9.10	-0.08	0.83	3.72	445.52
		0.0	0.0	-1.05e-03	0.0	45.0	40.06	-10.70	-0.08	0.83	0.0	0.0
4175	3	411.22	3.41	0.01	-1.60	0.0	36.10	-8.34	-0.08	0.76	3.41	411.22
		0.0	0.0	-9.92e-04	0.0	45.0	36.10	-9.94	-0.08	0.76	0.0	0.0
4175	4	342.67	2.80	0.01	-1.60	0.0	28.09	-6.81	-0.06	0.65	2.80	342.67
		0.0	0.0	-8.57e-04	0.0	45.0	28.09	-8.41	-0.06	0.65	0.0	0.0
4175	5	342.67	2.80	0.01	-1.60	0.0	28.09	-6.81	-0.06	0.65	2.80	342.67
		0.0	0.0	-8.57e-04	0.0	45.0	28.09	-8.41	-0.06	0.65	0.0	0.0
4176	1	576.95	10.71	0.02	-2.08	0.0	-8.04	-11.78	-0.24	5.03	10.71	576.95
		0.0	0.0	-1.54e-04	0.0	45.0	-8.04	-13.86	-0.24	5.03	0.0	0.0
4176	2	468.85	8.70	0.02	-1.60	0.0	-6.20	-9.62	-0.19	4.07	8.70	468.85
		0.0	0.0	-1.20e-04	0.0	45.0	-6.20	-11.22	-0.19	4.07	0.0	0.0
4176	3	432.71	7.97	0.02	-1.60	0.0	-6.32	-8.82	-0.18	3.77	7.97	432.71
		0.0	0.0	-1.29e-04	0.0	45.0	-6.32	-10.42	-0.18	3.77	0.0	0.0
4176	4	360.32	6.63	0.01	-1.60	0.0	-6.20	-7.21	-0.15	3.18	6.63	360.32
		0.0	0.0	-1.33e-04	0.0	45.0	-6.20	-8.81	-0.15	3.18	0.0	0.0
4176	5	360.32	6.63	0.01	-1.60	0.0	-6.20	-7.21	-0.15	3.18	6.63	360.32
		0.0	0.0	-1.33e-04	0.0	45.0	-6.20	-8.81	-0.15	3.18	0.0	0.0
4177	1	534.71	9.98	0.02	-2.08	0.0	72.07	-10.84	-0.22	7.66	9.98	534.71
		0.0	0.0	-1.53e-03	0.0	45.0	72.07	-12.92	-0.22	7.66	0.0	0.0
4177	2	434.60	8.11	0.02	-1.60	0.0	58.47	-8.86	-0.18	6.20	8.11	434.60
		0.0	0.0	-1.23e-03	0.0	45.0	58.47	-10.46	-0.18	6.20	0.0	0.0
4177	3	400.96	7.47	0.02	-1.60	0.0	54.02	-8.11	-0.17	5.70	7.47	400.96
		0.0	0.0	-1.15e-03	0.0	45.0	54.02	-9.71	-0.17	5.70	0.0	0.0
4177	4	333.67	6.21	0.01	-1.60	0.0	45.35	-6.61	-0.14	4.80	6.21	333.67
		0.0	0.0	-1.00e-03	0.0	45.0	45.35	-8.21	-0.14	4.80	0.0	0.0
4177	5	333.67	6.21	0.01	-1.60	0.0	45.35	-6.61	-0.14	4.80	6.21	333.67
		0.0	0.0	-1.00e-03	0.0	45.0	45.35	-8.21	-0.14	4.80	0.0	0.0
4178	1	472.77	0.0	0.02	-2.08	0.0	-3.82	-9.47	0.06	-2.15	-2.48	472.77
		0.0	-2.48	-3.89e-03	0.0	45.0	-3.82	-11.55	0.06	-2.15	0.0	0.0
4178	2	384.25	0.0	0.02	-1.60	0.0	-3.11	-7.74	0.04	-1.72	-1.96	384.25
		0.0	-1.96	-3.14e-03	0.0	45.0	-3.11	-9.34	0.04	-1.72	0.0	0.0
4178	3	354.50	0.0	0.02	-1.60	0.0	-2.86	-7.08	0.04	-1.60	-1.88	354.50
		0.0	-1.88	-2.92e-03	0.0	45.0	-2.86	-8.68	0.04	-1.60	0.0	0.0
4178	4	295.07	0.0	0.01	-1.60	0.0	-2.39	-5.76	0.04	-1.41	-1.73	295.07
		0.0	-1.73	-2.51e-03	0.0	45.0	-2.39	-7.36	0.04	-1.41	0.0	0.0
4178	5	295.07	0.0	0.01	-1.60	0.0	-2.39	-5.76	0.04	-1.41	-1.73	295.07
		0.0	-1.73	-2.51e-03	0.0	45.0	-2.39	-7.36	0.04	-1.41	0.0	0.0
4179	1	535.25	0.0	-3.38e-03	-2.08	0.0	-400.73	-10.85	0.22	3.89	-9.82	535.25
		0.0	-9.82	-1.74e-03	0.0	45.0	-400.73	-12.93	0.22	3.89	0.0	0.0
4179	2	435.36	0.0	-2.73e-03	-1.60	0.0	-325.19	-8.87	0.18	3.19	-7.98	435.36
		0.0	-7.98	-1.40e-03	0.0	45.0	-325.19	-10.47	0.18	3.19	0.0	0.0
4179	3	401.22	0.0	-2.54e-03	-1.60	0.0	-300.77	-8.12	0.16	2.90	-7.36	401.22
		0.0	-7.36	-1.31e-03	0.0	45.0	-300.77	-9.72	0.16	2.90	0.0	0.0
4179	4	332.96	0.0	-2.17e-03	-1.60	0.0	-251.94	-6.60	0.14	2.32	-6.15	332.96
		0.0	-6.15	-1.12e-03	0.0	45.0	-251.94	-8.20	0.14	2.32	0.0	0.0
4179	5	332.96	0.0	-2.17e-03	-1.60	0.0	-251.94	-6.60	0.14	2.32	-6.15	332.96
		0.0	-6.15	-1.12e-03	0.0	45.0	-251.94	-8.20	0.14	2.32	0.0	0.0
4180	1	559.51	0.0	4.09e-03	-2.08	0.0	-486.09	-11.39	0.23	14.25	-10.43	559.51
		0.0	-10.43	-1.55e-03	0.0	45.0	-486.09	-13.47	0.23	14.25	0.0	0.0
4180	2	454.95	0.0	3.34e-03	-1.60	0.0	-394.10	-9.31	0.19	11.56	-8.47	454.95
		0.0	-8.47	-1.25e-03	0.0	45.0	-394.10	-10.91	0.19	11.56	0.0	0.0
4180	3	419.47	0.0	3.06e-03	-1.60	0.0	-364.94	-8.52	0.17	10.69	-7.83	419.47
		0.0	-7.83	-1.17e-03	0.0	45.0	-364.94	-10.12	0.17	10.69	0.0	0.0
4180	4	348.47	0.0	2.50e-03	-1.60	0.0	-306.62	-6.94	0.14	8.93	-6.50	348.47
		0.0	-6.50	-9.95e-04	0.0	45.0	-306.62	-8.54	0.14	8.93	0.0	0.0
4180	5	348.47	0.0	2.50e-03	-1.60	0.0	-306.62	-6.94	0.14	8.93	-6.50	348.47
		0.0	-6.50	-9.95e-04	0.0	45.0	-306.62	-8.54	0.14	8.93	0.0	0.0
4181	1	557.56	0.0	7.99e-03	-2.08	0.0	-499.04	-11.35	0.08	24.98	-3.61	557.56
		0.0	-3.61	-1.24e-03	0.0	45.0	-499.04	-13.43	0.08	24.98	0.0	0.0
4181	2	453.31	0.0	6.49e-03	-1.60	0.0	-404.79	-9.27	0.07	20.24	-2.96	453.31
		0.0	-2.96	-1.00e-03	0.0	45.0	-404.79	-10.87	0.07	20.24	0.0	0.0
4181	3	418.05	0.0	5.99e-03	-1.60	0.0	-374.52	-8.49	0.06	18.77	-2.70	418.05
		0.0	-2.70	-9.34e-04	0.0	45.0	-374.52	-10.09	0.06	18.77	0.0	0.0
4181	4	347.57	0.0	4.99e-03	-1.60	0.0	-314.11	-6.92	0.05	15.78	-2.17	347.57
		0.0	-2.17	-8.04e-04	0.0	45.0	-314.11	-8.52	0.05	15.78	0.0	0.0



4181	5	347.57	0.0	4.99e-03	-1.60	0.0	-314.11	-6.92	0.05	15.78	-2.17	347.57
		0.0	-2.17	-8.04e-04	0.0	45.0	-314.11	-8.52	0.05	15.78	0.0	0.0
4182	1	572.95	0.0	0.01	-2.08	0.0	-449.66	-11.69	0.11	14.29	-4.95	572.95
		0.0	-4.95	-1.47e-03	0.0	45.0	-449.66	-13.77	0.11	14.29	0.0	0.0
4182	2	465.87	0.0	0.01	-1.60	0.0	-365.00	-9.55	0.09	11.60	-4.05	465.87
		0.0	-4.05	-1.19e-03	0.0	45.0	-365.00	-11.15	0.09	11.60	0.0	0.0
4182	3	429.55	0.0	9.77e-03	-1.60	0.0	-337.29	-8.75	0.08	10.73	-3.71	429.55
		0.0	-3.71	-1.11e-03	0.0	45.0	-337.29	-10.35	0.08	10.73	0.0	0.0
4182	4	356.91	0.0	8.14e-03	-1.60	0.0	-281.88	-7.13	0.07	8.98	-3.05	356.91
		0.0	-3.05	-9.52e-04	0.0	45.0	-281.88	-8.73	0.07	8.98	0.0	0.0
4182	5	356.91	0.0	8.14e-03	-1.60	0.0	-281.88	-7.13	0.07	8.98	-3.05	356.91
		0.0	-3.05	-9.52e-04	0.0	45.0	-281.88	-8.73	0.07	8.98	0.0	0.0
4183	1	571.80	0.0	0.02	-2.08	0.0	-284.41	-11.67	0.30	3.65	-13.29	571.80
		0.0	-13.29	-1.81e-03	0.0	45.0	-284.41	-13.75	0.30	3.65	0.0	0.0
4183	2	464.98	0.0	0.01	-1.60	0.0	-230.87	-9.53	0.24	2.99	-10.78	464.98
		0.0	-10.78	-1.47e-03	0.0	45.0	-230.87	-11.13	0.24	2.99	0.0	0.0
4183	3	428.64	0.0	0.01	-1.60	0.0	-213.39	-8.73	0.22	2.72	-9.95	428.64
		0.0	-9.95	-1.36e-03	0.0	45.0	-213.39	-10.33	0.22	2.72	0.0	0.0
4183	4	355.98	0.0	0.01	-1.60	0.0	-178.27	-7.11	0.19	2.20	-8.34	355.98
		0.0	-8.34	-1.16e-03	0.0	45.0	-178.27	-8.71	0.19	2.20	0.0	0.0
4183	5	355.98	0.0	0.01	-1.60	0.0	-178.27	-7.11	0.19	2.20	-8.34	355.98
		0.0	-8.34	-1.16e-03	0.0	45.0	-178.27	-8.71	0.19	2.20	0.0	0.0
4184	1	532.56	0.0	0.01	-2.08	0.0	-153.78	-10.79	0.28	14.33	-12.80	532.56
		0.0	-12.80	-1.84e-03	0.0	45.0	-153.78	-12.87	0.28	14.33	0.0	0.0
4184	2	433.11	0.0	0.01	-1.60	0.0	-124.72	-8.82	0.23	11.62	-10.39	433.11
		0.0	-10.39	-1.49e-03	0.0	45.0	-124.72	-10.42	0.23	11.62	0.0	0.0
4184	3	399.27	0.0	0.01	-1.60	0.0	-115.49	-8.07	0.21	10.73	-9.61	399.27
		0.0	-9.61	-1.39e-03	0.0	45.0	-115.49	-9.67	0.21	10.73	0.0	0.0
4184	4	331.57	0.0	9.07e-03	-1.60	0.0	-96.86	-6.57	0.18	8.99	-8.10	331.57
		0.0	-8.10	-1.20e-03	0.0	45.0	-96.86	-8.17	0.18	8.99	0.0	0.0
4184	5	331.57	0.0	9.07e-03	-1.60	0.0	-96.86	-6.57	0.18	8.99	-8.10	331.57
		0.0	-8.10	-1.20e-03	0.0	45.0	-96.86	-8.17	0.18	8.99	0.0	0.0
4185	1	514.71	0.0	0.01	-2.08	0.0	-158.27	-10.40	0.10	24.49	-4.37	514.71
		0.0	-4.37	-1.65e-03	0.0	45.0	-158.27	-12.48	0.10	24.49	0.0	0.0
4185	2	418.58	0.0	0.01	-1.60	0.0	-128.56	-8.50	0.08	19.85	-3.58	418.58
		0.0	-3.58	-1.33e-03	0.0	45.0	-128.56	-10.10	0.08	19.85	0.0	0.0
4185	3	385.89	0.0	9.79e-03	-1.60	0.0	-118.66	-7.78	0.07	18.39	-3.27	385.89
		0.0	-3.27	-1.24e-03	0.0	45.0	-118.66	-9.38	0.07	18.39	0.0	0.0
4185	4	320.45	0.0	8.17e-03	-1.60	0.0	-98.76	-6.32	0.06	15.53	-2.67	320.45
		0.0	-2.67	-1.06e-03	0.0	45.0	-98.76	-7.92	0.06	15.53	0.0	0.0
4185	5	320.45	0.0	8.17e-03	-1.60	0.0	-98.76	-6.32	0.06	15.53	-2.67	320.45
		0.0	-2.67	-1.06e-03	0.0	45.0	-98.76	-7.92	0.06	15.53	0.0	0.0
4186	1	532.14	0.0	0.01	-2.08	0.0	-179.46	-10.79	0.12	11.66	-5.28	532.14
		0.0	-5.28	-1.81e-03	0.0	45.0	-179.46	-12.87	0.12	11.66	0.0	0.0
4186	2	432.78	0.0	0.01	-1.60	0.0	-146.01	-8.82	0.10	9.47	-4.31	432.78
		0.0	-4.31	-1.46e-03	0.0	45.0	-146.01	-10.42	0.10	9.47	0.0	0.0
4186	3	398.90	0.0	0.01	-1.60	0.0	-134.41	-8.06	0.09	8.75	-3.95	398.90
		0.0	-3.95	-1.36e-03	0.0	45.0	-134.41	-9.66	0.09	8.75	0.0	0.0
4186	4	331.14	0.0	8.86e-03	-1.60	0.0	-111.29	-6.56	0.07	7.30	-3.25	331.14
		0.0	-3.25	-1.16e-03	0.0	45.0	-111.29	-8.16	0.07	7.30	0.0	0.0
4186	5	331.14	0.0	8.86e-03	-1.60	0.0	-111.29	-6.56	0.07	7.30	-3.25	331.14
		0.0	-3.25	-1.16e-03	0.0	45.0	-111.29	-8.16	0.07	7.30	0.0	0.0
4187	1	539.02	0.0	0.01	-2.08	0.0	-115.52	-10.94	0.30	-0.67	-13.63	539.02
		0.0	-13.63	-1.77e-03	0.0	45.0	-115.52	-13.02	0.30	-0.67	0.0	0.0
4187	2	438.43	0.0	0.01	-1.60	0.0	-94.02	-8.94	0.25	-0.50	-11.05	438.43
		0.0	-11.05	-1.43e-03	0.0	45.0	-94.02	-10.54	0.25	-0.50	0.0	0.0
4187	3	404.03	0.0	0.01	-1.60	0.0	-86.59	-8.18	0.23	-0.51	-10.21	404.03
		0.0	-10.21	-1.33e-03	0.0	45.0	-86.59	-9.78	0.23	-0.51	0.0	0.0
4187	4	335.26	0.0	9.16e-03	-1.60	0.0	-71.81	-6.65	0.19	-0.58	-8.54	335.26
		0.0	-8.54	-1.13e-03	0.0	45.0	-71.81	-8.25	0.19	-0.58	0.0	0.0
4187	5	335.26	0.0	9.16e-03	-1.60	0.0	-71.81	-6.65	0.19	-0.58	-8.54	335.26
		0.0	-8.54	-1.13e-03	0.0	45.0	-71.81	-8.25	0.19	-0.58	0.0	0.0
4188	1	508.40	0.0	0.01	-2.08	0.0	-107.96	-10.26	0.27	8.54	-12.10	508.40
		0.0	-12.10	-1.93e-03	0.0	45.0	-107.96	-12.34	0.27	8.54	0.0	0.0
4188	2	413.53	0.0	9.70e-03	-1.60	0.0	-87.58	-8.39	0.22	6.95	-9.81	413.53
		0.0	-9.81	-1.56e-03	0.0	45.0	-87.58	-9.99	0.22	6.95	0.0	0.0
4188	3	381.12	0.0	8.94e-03	-1.60	0.0	-81.11	-7.67	0.20	6.38	-9.07	381.12
		0.0	-9.07	-1.46e-03	0.0	45.0	-81.11	-9.27	0.20	6.38	0.0	0.0
4188	4	316.29	0.0	7.43e-03	-1.60	0.0	-68.18	-6.23	0.17	5.24	-7.59	316.29
		0.0	-7.59	-1.25e-03	0.0	45.0	-68.18	-7.83	0.17	5.24	0.0	0.0
4188	5	316.29	0.0	7.43e-03	-1.60	0.0	-68.18	-6.23	0.17	5.24	-7.59	316.29
		0.0	-7.59	-1.25e-03	0.0	45.0	-68.18	-7.83	0.17	5.24	0.0	0.0
4189	1	504.14	0.0	0.01	-2.08	0.0	-253.10	-10.16	0.17	17.29	-7.47	504.14
		0.0	-7.47	-7.13e-04	0.0	45.0	-253.10	-12.24	0.17	17.29	0.0	0.0
4189	2	410.00	0.0	9.06e-03	-1.60	0.0	-205.41	-8.31	0.13	14.04	-6.07	410.00
		0.0	-6.07	-5.77e-04	0.0	45.0	-205.41	-9.91	0.13	14.04	0.0	0.0
4189	3	377.95	0.0	8.36e-03	-1.60	0.0	-189.97	-7.60	0.12	12.96	-5.61	377.95

		0.0	-5.61	-5.36e-04	0.0	45.0	-189.97	-9.20	0.12	12.96	0.0	0.0
4189	4	313.82	0.0	6.96e-03	-1.60	0.0	-158.98	-6.17	0.10	10.81	-4.68	313.82
		0.0	-4.68	-4.59e-04	0.0	45.0	-158.98	-7.77	0.10	10.81	0.0	0.0
4189	5	313.82	0.0	6.96e-03	-1.60	0.0	-158.98	-6.17	0.10	10.81	-4.68	313.82
		0.0	-4.68	-4.59e-04	0.0	45.0	-158.98	-7.77	0.10	10.81	0.0	0.0
4190	1	545.47	0.0	0.02	-2.08	0.0	-373.18	-11.08	0.14	18.15	-6.45	545.47
		0.0	-6.45	-4.58e-04	0.0	45.0	-373.18	-13.16	0.14	18.15	0.0	0.0
4190	2	443.55	0.0	0.01	-1.60	0.0	-303.24	-9.06	0.12	14.72	-5.26	443.55
		0.0	-5.26	-3.71e-04	0.0	45.0	-303.24	-10.66	0.12	14.72	0.0	0.0
4190	3	408.95	0.0	0.01	-1.60	0.0	-279.85	-8.29	0.11	13.63	-4.84	408.95
		0.0	-4.84	-3.46e-04	0.0	45.0	-279.85	-9.89	0.11	13.63	0.0	0.0
4190	4	339.73	0.0	9.51e-03	-1.60	0.0	-232.97	-6.75	0.09	11.44	-4.01	339.73
		0.0	-4.01	-2.98e-04	0.0	45.0	-232.97	-8.35	0.09	11.44	0.0	0.0
4190	5	339.73	0.0	9.51e-03	-1.60	0.0	-232.97	-6.75	0.09	11.44	-4.01	339.73
		0.0	-4.01	-2.98e-04	0.0	45.0	-232.97	-8.35	0.09	11.44	0.0	0.0
4191	1	551.42	0.0	0.02	-2.08	0.0	-384.18	-11.21	0.10	18.25	-4.55	551.42
		0.0	-4.55	-7.33e-04	0.0	45.0	-384.18	-13.29	0.10	18.25	0.0	0.0
4191	2	448.44	0.0	0.01	-1.60	0.0	-312.55	-9.17	0.08	14.79	-3.72	448.44
		0.0	-3.72	-5.91e-04	0.0	45.0	-312.55	-10.77	0.08	14.79	0.0	0.0
4191	3	413.37	0.0	0.01	-1.60	0.0	-287.94	-8.39	0.08	13.72	-3.41	413.37
		0.0	-3.41	-5.56e-04	0.0	45.0	-287.94	-9.99	0.08	13.72	0.0	0.0
4191	4	343.21	0.0	0.01	-1.60	0.0	-238.58	-6.83	0.06	11.56	-2.80	343.21
		0.0	-2.80	-4.80e-04	0.0	45.0	-238.58	-8.43	0.06	11.56	0.0	0.0
4191	5	343.21	0.0	0.01	-1.60	0.0	-238.58	-6.83	0.06	11.56	-2.80	343.21
		0.0	-2.80	-4.80e-04	0.0	45.0	-238.58	-8.43	0.06	11.56	0.0	0.0
4192	1	556.06	0.0	0.02	-2.08	0.0	-349.61	-11.32	0.24	7.34	-10.71	556.06
		0.0	-10.71	-1.45e-03	0.0	45.0	-349.61	-13.40	0.24	7.34	0.0	0.0
4192	2	452.31	0.0	0.02	-1.60	0.0	-284.45	-9.25	0.19	5.95	-8.70	452.31
		0.0	-8.70	-1.17e-03	0.0	45.0	-284.45	-10.85	0.19	5.95	0.0	0.0
4192	3	416.84	0.0	0.02	-1.60	0.0	-261.95	-8.46	0.18	5.53	-7.97	416.84
		0.0	-7.97	-1.09e-03	0.0	45.0	-261.95	-10.06	0.18	5.53	0.0	0.0
4192	4	345.83	0.0	0.01	-1.60	0.0	-217.04	-6.89	0.15	4.65	-6.63	345.83
		0.0	-6.63	-9.30e-04	0.0	45.0	-217.04	-8.49	0.15	4.65	0.0	0.0
4192	5	345.83	0.0	0.01	-1.60	0.0	-217.04	-6.89	0.15	4.65	-6.63	345.83
		0.0	-6.63	-9.30e-04	0.0	45.0	-217.04	-8.49	0.15	4.65	0.0	0.0
4193	1	533.67	0.0	0.02	-2.08	0.0	-364.06	-10.82	0.22	14.82	-9.98	533.67
		0.0	-9.98	-1.68e-03	0.0	45.0	-364.06	-12.90	0.22	14.82	0.0	0.0
4193	2	434.09	0.0	0.02	-1.60	0.0	-295.81	-8.85	0.18	11.99	-8.11	434.09
		0.0	-8.11	-1.36e-03	0.0	45.0	-295.81	-10.45	0.18	11.99	0.0	0.0
4193	3	400.01	0.0	0.02	-1.60	0.0	-272.91	-8.09	0.17	11.08	-7.47	400.01
		0.0	-7.47	-1.27e-03	0.0	45.0	-272.91	-9.69	0.17	11.08	0.0	0.0
4193	4	331.90	0.0	0.01	-1.60	0.0	-227.41	-6.58	0.14	9.38	-6.21	331.90
		0.0	-6.21	-1.09e-03	0.0	45.0	-227.41	-8.18	0.14	9.38	0.0	0.0
4193	5	331.90	0.0	0.01	-1.60	0.0	-227.41	-6.58	0.14	9.38	-6.21	331.90
		0.0	-6.21	-1.09e-03	0.0	45.0	-227.41	-8.18	0.14	9.38	0.0	0.0
4194	1	554.10	2.48	0.03	-2.08	0.0	-363.52	-11.27	-0.06	23.91	2.48	554.10
		0.0	0.0	-1.31e-03	0.0	45.0	-363.52	-13.35	-0.06	23.91	0.0	0.0
4194	2	450.60	1.96	0.02	-1.60	0.0	-295.20	-9.21	-0.04	19.33	1.96	450.60
		0.0	0.0	-1.06e-03	0.0	45.0	-295.20	-10.81	-0.04	19.33	0.0	0.0
4194	3	415.38	1.88	0.02	-1.60	0.0	-272.68	-8.43	-0.04	17.96	1.88	415.38
		0.0	0.0	-9.84e-04	0.0	45.0	-272.68	-10.03	-0.04	17.96	0.0	0.0
4194	4	345.00	1.73	0.02	-1.60	0.0	-227.72	-6.87	-0.04	15.25	1.73	345.00
		0.0	0.0	-8.47e-04	0.0	45.0	-227.72	-8.47	-0.04	15.25	0.0	0.0
4194	5	345.00	1.73	0.02	-1.60	0.0	-227.72	-6.87	-0.04	15.25	1.73	345.00
		0.0	0.0	-8.47e-04	0.0	45.0	-227.72	-8.47	-0.04	15.25	0.0	0.0
4227	1	46.81	0.0	-3.25e-03	-4.16	0.0	-1.48	2.08	0.0	3.84	0.0	0.0
		0.0	0.0	-1.99e-03	0.0	90.0	-1.48	-2.08	0.0	3.84	0.0	0.0
4227	2	36.01	0.0	-2.64e-03	-3.20	0.0	-1.25	1.60	0.0	3.12	0.0	0.0
		0.0	0.0	-1.60e-03	0.0	90.0	-1.25	-1.60	0.0	3.12	0.0	0.0
4227	3	36.01	0.0	-2.43e-03	-3.20	0.0	-1.10	1.60	0.0	2.90	0.0	0.0
		0.0	0.0	-1.50e-03	0.0	90.0	-1.10	-1.60	0.0	2.90	0.0	0.0
4227	4	36.01	0.0	-2.04e-03	-3.20	0.0	-0.83	1.60	0.0	2.42	0.0	0.0
		0.0	0.0	-1.29e-03	0.0	90.0	-0.83	-1.60	0.0	2.42	0.0	0.0
4227	5	36.01	0.0	-2.04e-03	-3.20	0.0	-0.83	1.60	0.0	2.42	0.0	0.0
		0.0	0.0	-1.29e-03	0.0	90.0	-0.83	-1.60	0.0	2.42	0.0	0.0
4228	1	46.81	0.0	-2.87e-03	-4.16	0.0	-2.87	2.08	0.0	-0.38	0.0	0.0
		0.0	0.0	-2.00e-03	0.0	90.0	-2.87	-2.08	0.0	-0.38	0.0	0.0
4228	2	36.01	0.0	-2.27e-03	-3.20	0.0	-2.36	1.60	0.0	-0.31	0.0	0.0
		0.0	0.0	-1.61e-03	0.0	90.0	-2.36	-1.60	0.0	-0.31	0.0	0.0
4228	3	36.01	0.0	-2.18e-03	-3.20	0.0	-2.14	1.60	0.0	-0.29	0.0	0.0
		0.0	0.0	-1.51e-03	0.0	90.0	-2.14	-1.60	0.0	-0.29	0.0	0.0
4228	4	36.01	0.0	-2.00e-03	-3.20	0.0	-1.73	1.60	0.0	-0.24	0.0	0.0
		0.0	0.0	-1.30e-03	0.0	90.0	-1.73	-1.60	0.0	-0.24	0.0	0.0
4228	5	36.01	0.0	-2.00e-03	-3.20	0.0	-1.73	1.60	0.0	-0.24	0.0	0.0
		0.0	0.0	-1.30e-03	0.0	90.0	-1.73	-1.60	0.0	-0.24	0.0	0.0
4229	1	46.81	0.0	-2.70e-03	-4.16	0.0	-4.64	2.08	0.0	-4.55	0.0	0.0
		0.0	0.0	-1.95e-03	0.0	90.0	-4.64	-2.08	0.0	-4.55	0.0	0.0



4229	2	36.01	0.0	-2.09e-03	-3.20	0.0	-3.77	1.60	0.0	-3.70	0.0	0.0
		0.0	0.0	-1.57e-03	0.0	90.0	-3.77	-1.60	0.0	-3.70	0.0	0.0
4229	3	36.01	0.0	-2.07e-03	-3.20	0.0	-3.44	1.60	0.0	-3.43	0.0	0.0
		0.0	0.0	-1.47e-03	0.0	90.0	-3.44	-1.60	0.0	-3.43	0.0	0.0
4229	4	36.01	0.0	-2.02e-03	-3.20	0.0	-2.85	1.60	0.0	-2.89	0.0	0.0
		0.0	0.0	-1.26e-03	0.0	90.0	-2.85	-1.60	0.0	-2.89	0.0	0.0
4229	5	36.01	0.0	-2.02e-03	-3.20	0.0	-2.85	1.60	0.0	-2.89	0.0	0.0
		0.0	0.0	-1.26e-03	0.0	90.0	-2.85	-1.60	0.0	-2.89	0.0	0.0
4230	1	46.81	0.0	-6.87e-03	-4.16	0.0	-7.57	2.08	0.0	-2.89	0.0	0.0
		0.0	0.0	-2.21e-03	0.0	90.0	-7.57	-2.08	0.0	-2.89	0.0	0.0
4230	2	36.01	0.0	-5.54e-03	-3.20	0.0	-6.04	1.60	0.0	-2.34	0.0	0.0
		0.0	0.0	-1.78e-03	0.0	90.0	-6.04	-1.60	0.0	-2.34	0.0	0.0
4230	3	36.01	0.0	-5.19e-03	-3.20	0.0	-5.66	1.60	0.0	-2.17	0.0	0.0
		0.0	0.0	-1.66e-03	0.0	90.0	-5.66	-1.60	0.0	-2.17	0.0	0.0
4230	4	36.01	0.0	-4.51e-03	-3.20	0.0	-5.06	1.60	0.0	-1.83	0.0	0.0
		0.0	0.0	-1.43e-03	0.0	90.0	-5.06	-1.60	0.0	-1.83	0.0	0.0
4230	5	36.01	0.0	-4.51e-03	-3.20	0.0	-5.06	1.60	0.0	-1.83	0.0	0.0
		0.0	0.0	-1.43e-03	0.0	90.0	-5.06	-1.60	0.0	-1.83	0.0	0.0
4231	1	46.81	0.0	6.66e-03	-4.16	0.0	-6.92	2.08	0.0	6.53	0.0	0.0
		0.0	0.0	-1.71e-03	0.0	90.0	-6.92	-2.08	0.0	6.53	0.0	0.0
4231	2	36.01	0.0	5.31e-03	-3.20	0.0	-5.55	1.60	0.0	5.30	0.0	0.0
		0.0	0.0	-1.37e-03	0.0	90.0	-5.55	-1.60	0.0	5.30	0.0	0.0
4231	3	36.01	0.0	5.06e-03	-3.20	0.0	-5.17	1.60	0.0	4.91	0.0	0.0
		0.0	0.0	-1.28e-03	0.0	90.0	-5.17	-1.60	0.0	4.91	0.0	0.0
4231	4	36.01	0.0	4.52e-03	-3.20	0.0	-4.56	1.60	0.0	4.11	0.0	0.0
		0.0	0.0	-1.11e-03	0.0	90.0	-4.56	-1.60	0.0	4.11	0.0	0.0
4231	5	36.01	0.0	4.52e-03	-3.20	0.0	-4.56	1.60	0.0	4.11	0.0	0.0
		0.0	0.0	-1.11e-03	0.0	90.0	-4.56	-1.60	0.0	4.11	0.0	0.0
4232	1	46.81	0.0	1.43e-03	-4.16	0.0	-10.71	2.08	0.0	1.26	0.0	0.0
		0.0	0.0	-1.80e-03	0.0	90.0	-10.71	-2.08	0.0	1.26	0.0	0.0
4232	2	36.01	0.0	1.15e-03	-3.20	0.0	-8.62	1.60	0.0	1.01	0.0	0.0
		0.0	0.0	-1.45e-03	0.0	90.0	-8.62	-1.60	0.0	1.01	0.0	0.0
4232	3	36.01	0.0	1.07e-03	-3.20	0.0	-8.05	1.60	0.0	0.95	0.0	0.0
		0.0	0.0	-1.35e-03	0.0	90.0	-8.05	-1.60	0.0	0.95	0.0	0.0
4232	4	36.01	0.0	9.37e-04	-3.20	0.0	-6.98	1.60	0.0	0.81	0.0	0.0
		0.0	0.0	-1.17e-03	0.0	90.0	-6.98	-1.60	0.0	0.81	0.0	0.0
4232	5	36.01	0.0	9.37e-04	-3.20	0.0	-6.98	1.60	0.0	0.81	0.0	0.0
		0.0	0.0	-1.17e-03	0.0	90.0	-6.98	-1.60	0.0	0.81	0.0	0.0
4233	1	46.81	0.0	-2.24e-03	-4.16	0.0	-12.53	2.08	0.0	-1.22	0.0	0.0
		0.0	0.0	-1.94e-03	0.0	90.0	-12.53	-2.08	0.0	-1.22	0.0	0.0
4233	2	36.01	0.0	-1.72e-03	-3.20	0.0	-10.09	1.60	0.0	-1.00	0.0	0.0
		0.0	0.0	-1.56e-03	0.0	90.0	-10.09	-1.60	0.0	-1.00	0.0	0.0
4233	3	36.01	0.0	-1.73e-03	-3.20	0.0	-9.46	1.60	0.0	-0.92	0.0	0.0
		0.0	0.0	-1.46e-03	0.0	90.0	-9.46	-1.60	0.0	-0.92	0.0	0.0
4233	4	36.01	0.0	-1.74e-03	-3.20	0.0	-8.16	1.60	0.0	-0.74	0.0	0.0
		0.0	0.0	-1.26e-03	0.0	90.0	-8.16	-1.60	0.0	-0.74	0.0	0.0
4233	5	36.01	0.0	-1.74e-03	-3.20	0.0	-8.16	1.60	0.0	-0.74	0.0	0.0
		0.0	0.0	-1.26e-03	0.0	90.0	-8.16	-1.60	0.0	-0.74	0.0	0.0
4234	1	46.81	0.0	-7.87e-03	-4.16	0.0	-12.61	2.08	0.0	4.15	0.0	0.0
		0.0	0.0	-2.27e-03	0.0	90.0	-12.61	-2.08	0.0	4.15	0.0	0.0
4234	2	36.01	0.0	-6.35e-03	-3.20	0.0	-10.16	1.60	0.0	3.34	0.0	0.0
		0.0	0.0	-1.83e-03	0.0	90.0	-10.16	-1.60	0.0	3.34	0.0	0.0
4234	3	36.01	0.0	-5.91e-03	-3.20	0.0	-9.49	1.60	0.0	3.13	0.0	0.0
		0.0	0.0	-1.71e-03	0.0	90.0	-9.49	-1.60	0.0	3.13	0.0	0.0
4234	4	36.01	0.0	-5.07e-03	-3.20	0.0	-8.20	1.60	0.0	2.69	0.0	0.0
		0.0	0.0	-1.47e-03	0.0	90.0	-8.20	-1.60	0.0	2.69	0.0	0.0
4234	5	36.01	0.0	-5.07e-03	-3.20	0.0	-8.20	1.60	0.0	2.69	0.0	0.0
		0.0	0.0	-1.47e-03	0.0	90.0	-8.20	-1.60	0.0	2.69	0.0	0.0
4235	1	46.81	0.0	4.61e-03	-4.16	0.0	-8.46	2.08	0.0	9.44	0.0	0.0
		0.0	0.0	-2.13e-03	0.0	90.0	-8.46	-2.08	0.0	9.44	0.0	0.0
4235	2	36.01	0.0	3.66e-03	-3.20	0.0	-6.80	1.60	0.0	7.63	0.0	0.0
		0.0	0.0	-1.71e-03	0.0	90.0	-6.80	-1.60	0.0	7.63	0.0	0.0
4235	3	36.01	0.0	3.49e-03	-3.20	0.0	-6.37	1.60	0.0	7.10	0.0	0.0
		0.0	0.0	-1.61e-03	0.0	90.0	-6.37	-1.60	0.0	7.10	0.0	0.0
4235	4	36.01	0.0	3.18e-03	-3.20	0.0	-5.57	1.60	0.0	6.04	0.0	0.0
		0.0	0.0	-1.38e-03	0.0	90.0	-5.57	-1.60	0.0	6.04	0.0	0.0
4235	5	36.01	0.0	3.18e-03	-3.20	0.0	-5.57	1.60	0.0	6.04	0.0	0.0
		0.0	0.0	-1.38e-03	0.0	90.0	-5.57	-1.60	0.0	6.04	0.0	0.0
4236	1	46.81	0.0	1.39e-03	-4.16	0.0	-8.15	2.08	0.0	-0.27	0.0	0.0
		0.0	0.0	-2.33e-03	0.0	90.0	-8.15	-2.08	0.0	-0.27	0.0	0.0
4236	2	36.01	0.0	1.12e-03	-3.20	0.0	-6.55	1.60	0.0	-0.22	0.0	0.0
		0.0	0.0	-1.88e-03	0.0	90.0	-6.55	-1.60	0.0	-0.22	0.0	0.0
4236	3	36.01	0.0	1.05e-03	-3.20	0.0	-6.14	1.60	0.0	-0.20	0.0	0.0
		0.0	0.0	-1.76e-03	0.0	90.0	-6.14	-1.60	0.0	-0.20	0.0	0.0
4236	4	36.01	0.0	9.20e-04	-3.20	0.0	-5.38	1.60	0.0	-0.17	0.0	0.0
		0.0	0.0	-1.52e-03	0.0	90.0	-5.38	-1.60	0.0	-0.17	0.0	0.0
4236	5	36.01	0.0	9.20e-04	-3.20	0.0	-5.38	1.60	0.0	-0.17	0.0	0.0

		0.0	0.0	-1.52e-03	0.0	90.0	-5.38	-1.60	0.0	-0.17	0.0	0.0
4237	1	46.81	0.0	-1.30e-03	-4.16	0.0	-7.50	2.08	0.0	-7.04	0.0	0.0
		0.0	0.0	-2.48e-03	0.0	90.0	-7.50	-2.08	0.0	-7.04	0.0	0.0
4237	2	36.01	0.0	-9.76e-04	-3.20	0.0	-6.03	1.60	0.0	-5.68	0.0	0.0
		0.0	0.0	-1.99e-03	0.0	90.0	-6.03	-1.60	0.0	-5.68	0.0	0.0
4237	3	36.01	0.0	-1.01e-03	-3.20	0.0	-5.62	1.60	0.0	-5.31	0.0	0.0
		0.0	0.0	-1.87e-03	0.0	90.0	-5.62	-1.60	0.0	-5.31	0.0	0.0
4237	4	36.01	0.0	-1.07e-03	-3.20	0.0	-4.92	1.60	0.0	-4.55	0.0	0.0
		0.0	0.0	-1.61e-03	0.0	90.0	-4.92	-1.60	0.0	-4.55	0.0	0.0
4237	5	36.01	0.0	-1.07e-03	-3.20	0.0	-4.92	1.60	0.0	-4.55	0.0	0.0
		0.0	0.0	-1.61e-03	0.0	90.0	-4.92	-1.60	0.0	-4.55	0.0	0.0
4238	1	46.81	0.0	-2.75e-03	-4.16	0.0	-4.33	2.08	0.0	-10.52	0.0	0.0
		0.0	0.0	-2.58e-03	0.0	90.0	-4.33	-2.08	0.0	-10.52	0.0	0.0
4238	2	36.01	0.0	-2.09e-03	-3.20	0.0	-3.49	1.60	0.0	-8.50	0.0	0.0
		0.0	0.0	-2.08e-03	0.0	90.0	-3.49	-1.60	0.0	-8.50	0.0	0.0
4238	3	36.01	0.0	-2.13e-03	-3.20	0.0	-3.22	1.60	0.0	-7.92	0.0	0.0
		0.0	0.0	-1.94e-03	0.0	90.0	-3.22	-1.60	0.0	-7.92	0.0	0.0
4238	4	36.01	0.0	-2.20e-03	-3.20	0.0	-2.89	1.60	0.0	-6.74	0.0	0.0
		0.0	0.0	-1.67e-03	0.0	90.0	-2.89	-1.60	0.0	-6.74	0.0	0.0
4238	5	36.01	0.0	-2.20e-03	-3.20	0.0	-2.89	1.60	0.0	-6.74	0.0	0.0
		0.0	0.0	-1.67e-03	0.0	90.0	-2.89	-1.60	0.0	-6.74	0.0	0.0
4239	1	46.81	0.0	-0.01	-4.16	0.0	-1.88	2.08	0.0	-7.57	0.0	0.0
		0.0	0.0	-2.42e-03	0.0	90.0	-1.88	-2.08	0.0	-7.57	0.0	0.0
4239	2	36.01	0.0	-9.34e-03	-3.20	0.0	-1.45	1.60	0.0	-6.10	0.0	0.0
		0.0	0.0	-1.95e-03	0.0	90.0	-1.45	-1.60	0.0	-6.10	0.0	0.0
4239	3	36.01	0.0	-8.80e-03	-3.20	0.0	-1.37	1.60	0.0	-5.69	0.0	0.0
		0.0	0.0	-1.82e-03	0.0	90.0	-1.37	-1.60	0.0	-5.69	0.0	0.0
4239	4	36.01	0.0	-7.74e-03	-3.20	0.0	-1.36	1.60	0.0	-4.90	0.0	0.0
		0.0	0.0	-1.57e-03	0.0	90.0	-1.36	-1.60	0.0	-4.90	0.0	0.0
4239	5	36.01	0.0	-7.74e-03	-3.20	0.0	-1.36	1.60	0.0	-4.90	0.0	0.0
		0.0	0.0	-1.57e-03	0.0	90.0	-1.36	-1.60	0.0	-4.90	0.0	0.0
4240	1	46.81	0.0	-5.02e-03	-4.16	0.0	-10.58	2.08	0.0	-15.75	0.0	0.0
		0.0	0.0	-2.72e-03	0.0	90.0	-10.58	-2.08	0.0	-15.75	0.0	0.0
4240	2	36.01	0.0	-3.98e-03	-3.20	0.0	-8.55	1.60	0.0	-12.68	0.0	0.0
		0.0	0.0	-2.19e-03	0.0	90.0	-8.55	-1.60	0.0	-12.68	0.0	0.0
4240	3	36.01	0.0	-3.81e-03	-3.20	0.0	-7.96	1.60	0.0	-11.87	0.0	0.0
		0.0	0.0	-2.05e-03	0.0	90.0	-7.96	-1.60	0.0	-11.87	0.0	0.0
4240	4	36.01	0.0	-3.47e-03	-3.20	0.0	-6.76	1.60	0.0	-10.23	0.0	0.0
		0.0	0.0	-1.76e-03	0.0	90.0	-6.76	-1.60	0.0	-10.23	0.0	0.0
4240	5	36.01	0.0	-3.47e-03	-3.20	0.0	-6.76	1.60	0.0	-10.23	0.0	0.0
		0.0	0.0	-1.76e-03	0.0	90.0	-6.76	-1.60	0.0	-10.23	0.0	0.0
4241	1	46.81	0.0	-0.02	-4.16	0.0	-21.21	2.08	0.0	-0.72	0.0	0.0
		0.0	0.0	-1.68e-03	0.0	90.0	-21.21	-2.08	0.0	-0.72	0.0	0.0
4241	2	36.01	0.0	-0.01	-3.20	0.0	-17.15	1.60	0.0	-0.59	0.0	0.0
		0.0	0.0	-1.35e-03	0.0	90.0	-17.15	-1.60	0.0	-0.59	0.0	0.0
4241	3	36.01	0.0	-0.01	-3.20	0.0	-15.95	1.60	0.0	-0.54	0.0	0.0
		0.0	0.0	-1.26e-03	0.0	90.0	-15.95	-1.60	0.0	-0.54	0.0	0.0
4241	4	36.01	0.0	-0.01	-3.20	0.0	-13.53	1.60	0.0	-0.44	0.0	0.0
		0.0	0.0	-1.09e-03	0.0	90.0	-13.53	-1.60	0.0	-0.44	0.0	0.0
4241	5	36.01	0.0	-0.01	-3.20	0.0	-13.53	1.60	0.0	-0.44	0.0	0.0
		0.0	0.0	-1.09e-03	0.0	90.0	-13.53	-1.60	0.0	-0.44	0.0	0.0
4242	1	46.81	0.0	-0.01	-4.16	0.0	-13.41	2.08	0.0	2.89	0.0	0.0
		0.0	0.0	-2.34e-03	0.0	90.0	-13.41	-2.08	0.0	2.89	0.0	0.0
4242	2	36.01	0.0	-8.46e-03	-3.20	0.0	-10.83	1.60	0.0	2.34	0.0	0.0
		0.0	0.0	-1.89e-03	0.0	90.0	-10.83	-1.60	0.0	2.34	0.0	0.0
4242	3	36.01	0.0	-7.86e-03	-3.20	0.0	-10.09	1.60	0.0	2.15	0.0	0.0
		0.0	0.0	-1.77e-03	0.0	90.0	-10.09	-1.60	0.0	2.15	0.0	0.0
4242	4	36.01	0.0	-6.65e-03	-3.20	0.0	-8.65	1.60	0.0	1.82	0.0	0.0
		0.0	0.0	-1.52e-03	0.0	90.0	-8.65	-1.60	0.0	1.82	0.0	0.0
4242	5	36.01	0.0	-6.65e-03	-3.20	0.0	-8.65	1.60	0.0	1.82	0.0	0.0
		0.0	0.0	-1.52e-03	0.0	90.0	-8.65	-1.60	0.0	1.82	0.0	0.0
4243	1	46.81	0.0	-2.59e-03	-4.16	0.0	-14.31	2.08	0.0	3.41	0.0	0.0
		0.0	0.0	-2.04e-03	0.0	90.0	-14.31	-2.08	0.0	3.41	0.0	0.0
4243	2	36.01	0.0	-2.05e-03	-3.20	0.0	-11.57	1.60	0.0	2.78	0.0	0.0
		0.0	0.0	-1.64e-03	0.0	90.0	-11.57	-1.60	0.0	2.78	0.0	0.0
4243	3	36.01	0.0	-1.96e-03	-3.20	0.0	-10.76	1.60	0.0	2.57	0.0	0.0
		0.0	0.0	-1.54e-03	0.0	90.0	-10.76	-1.60	0.0	2.57	0.0	0.0
4243	4	36.01	0.0	-1.79e-03	-3.20	0.0	-9.21	1.60	0.0	2.12	0.0	0.0
		0.0	0.0	-1.32e-03	0.0	90.0	-9.21	-1.60	0.0	2.12	0.0	0.0
4243	5	36.01	0.0	-1.79e-03	-3.20	0.0	-9.21	1.60	0.0	2.12	0.0	0.0
		0.0	0.0	-1.32e-03	0.0	90.0	-9.21	-1.60	0.0	2.12	0.0	0.0
4244	1	46.81	0.0	-2.41e-03	-4.16	0.0	-10.39	2.08	0.0	-0.35	0.0	0.0
		0.0	0.0	-1.99e-03	0.0	90.0	-10.39	-2.08	0.0	-0.35	0.0	0.0
4244	2	36.01	0.0	-1.89e-03	-3.20	0.0	-8.43	1.60	0.0	-0.28	0.0	0.0
		0.0	0.0	-1.61e-03	0.0	90.0	-8.43	-1.60	0.0	-0.28	0.0	0.0
4244	3	36.01	0.0	-1.84e-03	-3.20	0.0	-7.85	1.60	0.0	-0.26	0.0	0.0
		0.0	0.0	-1.50e-03	0.0	90.0	-7.85	-1.60	0.0	-0.26	0.0	0.0

4244	4	36.01	0.0	-1.74e-03	-3.20	0.0	-6.71	1.60	0.0	-0.23	0.0	0.0
		0.0	0.0	-1.29e-03	0.0	90.0	-6.71	-1.60	0.0	-0.23	0.0	0.0
4244	5	36.01	0.0	-1.74e-03	-3.20	0.0	-6.71	1.60	0.0	-0.23	0.0	0.0
		0.0	0.0	-1.29e-03	0.0	90.0	-6.71	-1.60	0.0	-0.23	0.0	0.0
4245	1	46.81	0.0	-2.56e-03	-4.16	0.0	-10.81	2.08	0.0	-4.21	0.0	0.0
		0.0	0.0	-1.94e-03	0.0	90.0	-10.81	-2.08	0.0	-4.21	0.0	0.0
4245	2	36.01	0.0	-2.01e-03	-3.20	0.0	-8.81	1.60	0.0	-3.43	0.0	0.0
		0.0	0.0	-1.56e-03	0.0	90.0	-8.81	-1.60	0.0	-3.43	0.0	0.0
4245	3	36.01	0.0	-1.96e-03	-3.20	0.0	-8.17	1.60	0.0	-3.18	0.0	0.0
		0.0	0.0	-1.46e-03	0.0	90.0	-8.17	-1.60	0.0	-3.18	0.0	0.0
4245	4	36.01	0.0	-1.86e-03	-3.20	0.0	-6.96	1.60	0.0	-2.66	0.0	0.0
		0.0	0.0	-1.26e-03	0.0	90.0	-6.96	-1.60	0.0	-2.66	0.0	0.0
4245	5	36.01	0.0	-1.86e-03	-3.20	0.0	-6.96	1.60	0.0	-2.66	0.0	0.0
		0.0	0.0	-1.26e-03	0.0	90.0	-6.96	-1.60	0.0	-2.66	0.0	0.0
4246	1	46.81	0.0	-1.12e-03	-4.16	0.0	-10.83	2.08	0.0	-3.34	0.0	0.0
		0.0	0.0	-2.16e-03	0.0	90.0	-10.83	-2.08	0.0	-3.34	0.0	0.0
4246	2	36.01	0.0	8.57e-04	-3.20	0.0	-8.77	1.60	0.0	-2.71	0.0	0.0
		0.0	0.0	-1.74e-03	0.0	90.0	-8.77	-1.60	0.0	-2.71	0.0	0.0
4246	3	36.01	0.0	-8.67e-04	-3.20	0.0	-8.17	1.60	0.0	-2.51	0.0	0.0
		0.0	0.0	-1.62e-03	0.0	90.0	-8.17	-1.60	0.0	-2.51	0.0	0.0
4246	4	36.01	0.0	-9.21e-04	-3.20	0.0	-6.98	1.60	0.0	-2.11	0.0	0.0
		0.0	0.0	-1.40e-03	0.0	90.0	-6.98	-1.60	0.0	-2.11	0.0	0.0
4246	5	36.01	0.0	-9.21e-04	-3.20	0.0	-6.98	1.60	0.0	-2.11	0.0	0.0
		0.0	0.0	-1.40e-03	0.0	90.0	-6.98	-1.60	0.0	-2.11	0.0	0.0
4247	1	46.81	0.0	-1.27e-03	-4.16	0.0	-11.36	2.08	0.0	6.81	0.0	0.0
		0.0	0.0	-1.79e-03	0.0	90.0	-11.36	-2.08	0.0	6.81	0.0	0.0
4247	2	36.01	0.0	-9.73e-04	-3.20	0.0	-9.19	1.60	0.0	5.53	0.0	0.0
		0.0	0.0	-1.45e-03	0.0	90.0	-9.19	-1.60	0.0	5.53	0.0	0.0
4247	3	36.01	0.0	-9.82e-04	-3.20	0.0	-8.56	1.60	0.0	5.11	0.0	0.0
		0.0	0.0	-1.35e-03	0.0	90.0	-8.56	-1.60	0.0	5.11	0.0	0.0
4247	4	36.01	0.0	-1.00e-03	-3.20	0.0	-7.31	1.60	0.0	4.29	0.0	0.0
		0.0	0.0	-1.16e-03	0.0	90.0	-7.31	-1.60	0.0	4.29	0.0	0.0
4247	5	36.01	0.0	-1.00e-03	-3.20	0.0	-7.31	1.60	0.0	4.29	0.0	0.0
		0.0	0.0	-1.16e-03	0.0	90.0	-7.31	-1.60	0.0	4.29	0.0	0.0
4248	1	46.81	0.0	-1.28e-03	-4.16	0.0	-5.98	2.08	0.0	1.25	0.0	0.0
		0.0	0.0	-1.77e-03	0.0	90.0	-5.98	-2.08	0.0	1.25	0.0	0.0
4248	2	36.01	0.0	-9.73e-04	-3.20	0.0	-4.84	1.60	0.0	1.01	0.0	0.0
		0.0	0.0	-1.43e-03	0.0	90.0	-4.84	-1.60	0.0	1.01	0.0	0.0
4248	3	36.01	0.0	-9.89e-04	-3.20	0.0	-4.49	1.60	0.0	0.94	0.0	0.0
		0.0	0.0	-1.33e-03	0.0	90.0	-4.49	-1.60	0.0	0.94	0.0	0.0
4248	4	36.01	0.0	-1.02e-03	-3.20	0.0	-3.88	1.60	0.0	0.80	0.0	0.0
		0.0	0.0	-1.15e-03	0.0	90.0	-3.88	-1.60	0.0	0.80	0.0	0.0
4248	5	36.01	0.0	-1.02e-03	-3.20	0.0	-3.88	1.60	0.0	0.80	0.0	0.0
		0.0	0.0	-1.15e-03	0.0	90.0	-3.88	-1.60	0.0	0.80	0.0	0.0
4249	1	46.81	0.0	-2.01e-03	-4.16	0.0	-2.62	2.08	0.0	-0.90	0.0	0.0
		0.0	0.0	-1.92e-03	0.0	90.0	-2.62	-2.08	0.0	-0.90	0.0	0.0
4249	2	36.01	0.0	-1.56e-03	-3.20	0.0	-2.11	1.60	0.0	-0.75	0.0	0.0
		0.0	0.0	-1.55e-03	0.0	90.0	-2.11	-1.60	0.0	-0.75	0.0	0.0
4249	3	36.01	0.0	-1.54e-03	-3.20	0.0	-1.92	1.60	0.0	-0.68	0.0	0.0
		0.0	0.0	-1.44e-03	0.0	90.0	-1.92	-1.60	0.0	-0.68	0.0	0.0
4249	4	36.01	0.0	-1.51e-03	-3.20	0.0	-1.72	1.60	0.0	-0.54	0.0	0.0
		0.0	0.0	-1.24e-03	0.0	90.0	-1.72	-1.60	0.0	-0.54	0.0	0.0
4249	5	36.01	0.0	-1.51e-03	-3.20	0.0	-1.72	1.60	0.0	-0.54	0.0	0.0
		0.0	0.0	-1.24e-03	0.0	90.0	-1.72	-1.60	0.0	-0.54	0.0	0.0
4250	1	46.81	0.0	-2.32e-03	-4.16	0.0	-1.66	2.08	0.0	4.72	0.0	0.0
		0.0	0.0	-2.23e-03	0.0	90.0	-1.66	-2.08	0.0	4.72	0.0	0.0
4250	2	36.01	0.0	-1.81e-03	-3.20	0.0	-1.36	1.60	0.0	3.81	0.0	0.0
		0.0	0.0	-1.80e-03	0.0	90.0	-1.36	-1.60	0.0	3.81	0.0	0.0
4250	3	36.01	0.0	-1.77e-03	-3.20	0.0	-1.16	1.60	0.0	3.57	0.0	0.0
		0.0	0.0	-1.68e-03	0.0	90.0	-1.16	-1.60	0.0	3.57	0.0	0.0
4250	4	36.01	0.0	-1.69e-03	-3.20	0.0	-1.07	1.60	0.0	3.07	0.0	0.0
		0.0	0.0	-1.45e-03	0.0	90.0	-1.07	-1.60	0.0	3.07	0.0	0.0
4250	5	36.01	0.0	-1.69e-03	-3.20	0.0	-1.07	1.60	0.0	3.07	0.0	0.0
		0.0	0.0	-1.45e-03	0.0	90.0	-1.07	-1.60	0.0	3.07	0.0	0.0
4251	1	46.81	0.0	4.47e-03	-4.16	0.0	-2.00	2.08	0.0	7.77	0.0	0.0
		0.0	0.0	-2.16e-03	0.0	90.0	-2.00	-2.08	0.0	7.77	0.0	0.0
4251	2	36.01	0.0	3.59e-03	-3.20	0.0	-1.63	1.60	0.0	6.28	0.0	0.0
		0.0	0.0	-1.74e-03	0.0	90.0	-1.63	-1.60	0.0	6.28	0.0	0.0
4251	3	36.01	0.0	3.37e-03	-3.20	0.0	-1.41	1.60	0.0	5.83	0.0	0.0
		0.0	0.0	-1.63e-03	0.0	90.0	-1.41	-1.60	0.0	5.83	0.0	0.0
4251	4	36.01	0.0	2.95e-03	-3.20	0.0	-1.26	1.60	0.0	4.95	0.0	0.0
		0.0	0.0	-1.40e-03	0.0	90.0	-1.26	-1.60	0.0	4.95	0.0	0.0
4251	5	36.01	0.0	2.95e-03	-3.20	0.0	-1.26	1.60	0.0	4.95	0.0	0.0
		0.0	0.0	-1.40e-03	0.0	90.0	-1.26	-1.60	0.0	4.95	0.0	0.0
4252	1	46.81	0.0	-1.73e-03	-4.16	0.0	-0.73	2.08	0.0	-0.23	0.0	0.0
		0.0	0.0	-2.34e-03	0.0	90.0	-0.73	-2.08	0.0	-0.23	0.0	0.0
4252	2	36.01	0.0	-1.34e-03	-3.20	0.0	-0.58	1.60	0.0	-0.18	0.0	0.0

		0.0	0.0	-1.88e-03	0.0	90.0	-0.58	-1.60	0.0	-0.18	0.0	0.0
4252	3	36.01	0.0	-1.33e-03	-3.20	0.0	-0.50	1.60	0.0	-0.17	0.0	0.0
		0.0	0.0	-1.76e-03	0.0	90.0	-0.50	-1.60	0.0	-0.17	0.0	0.0
4252	4	36.01	0.0	-1.31e-03	-3.20	0.0	-0.52	1.60	0.0	-0.15	0.0	0.0
		0.0	0.0	-1.52e-03	0.0	90.0	-0.52	-1.60	0.0	-0.15	0.0	0.0
4252	5	36.01	0.0	-1.31e-03	-3.20	0.0	-0.52	1.60	0.0	-0.15	0.0	0.0
		0.0	0.0	-1.52e-03	0.0	90.0	-0.52	-1.60	0.0	-0.15	0.0	0.0
4253	1	46.81	0.0	-3.06e-03	-4.16	0.0	-3.71	2.08	0.0	-6.42	0.0	0.0
		0.0	0.0	-2.51e-03	0.0	90.0	-3.71	-2.08	0.0	-6.42	0.0	0.0
4253	2	36.01	0.0	-2.41e-03	-3.20	0.0	-2.98	1.60	0.0	-5.18	0.0	0.0
		0.0	0.0	-2.02e-03	0.0	90.0	-2.98	-1.60	0.0	-5.18	0.0	0.0
4253	3	36.01	0.0	-2.33e-03	-3.20	0.0	-2.77	1.60	0.0	-4.84	0.0	0.0
		0.0	0.0	-1.89e-03	0.0	90.0	-2.77	-1.60	0.0	-4.84	0.0	0.0
4253	4	36.01	0.0	-2.19e-03	-3.20	0.0	-2.43	1.60	0.0	-4.14	0.0	0.0
		0.0	0.0	-1.63e-03	0.0	90.0	-2.43	-1.60	0.0	-4.14	0.0	0.0
4253	5	36.01	0.0	-2.19e-03	-3.20	0.0	-2.43	1.60	0.0	-4.14	0.0	0.0
		0.0	0.0	-1.63e-03	0.0	90.0	-2.43	-1.60	0.0	-4.14	0.0	0.0
4254	1	46.81	0.0	-4.93e-03	-4.16	0.0	-8.88	2.08	0.0	-9.39	0.0	0.0
		0.0	0.0	-2.55e-03	0.0	90.0	-8.88	-2.08	0.0	-9.39	0.0	0.0
4254	2	36.01	0.0	-3.92e-03	-3.20	0.0	-7.15	1.60	0.0	-7.60	0.0	0.0
		0.0	0.0	-2.05e-03	0.0	90.0	-7.15	-1.60	0.0	-7.60	0.0	0.0
4254	3	36.01	0.0	-3.73e-03	-3.20	0.0	-6.68	1.60	0.0	-7.07	0.0	0.0
		0.0	0.0	-1.92e-03	0.0	90.0	-6.68	-1.60	0.0	-7.07	0.0	0.0
4254	4	36.01	0.0	-3.40e-03	-3.20	0.0	-5.76	1.60	0.0	-5.98	0.0	0.0
		0.0	0.0	-1.65e-03	0.0	90.0	-5.76	-1.60	0.0	-5.98	0.0	0.0
4254	5	36.01	0.0	-3.40e-03	-3.20	0.0	-5.76	1.60	0.0	-5.98	0.0	0.0
		0.0	0.0	-1.65e-03	0.0	90.0	-5.76	-1.60	0.0	-5.98	0.0	0.0
4255	1	46.81	0.0	-0.01	-4.16	0.0	-11.60	2.08	0.0	-8.00	0.0	0.0
		0.0	0.0	-2.52e-03	0.0	90.0	-11.60	-2.08	0.0	-8.00	0.0	0.0
4255	2	36.01	0.0	-9.82e-03	-3.20	0.0	-9.37	1.60	0.0	-6.45	0.0	0.0
		0.0	0.0	-2.03e-03	0.0	90.0	-9.37	-1.60	0.0	-6.45	0.0	0.0
4255	3	36.01	0.0	-9.26e-03	-3.20	0.0	-8.73	1.60	0.0	-6.02	0.0	0.0
		0.0	0.0	-1.90e-03	0.0	90.0	-8.73	-1.60	0.0	-6.02	0.0	0.0
4255	4	36.01	0.0	-8.14e-03	-3.20	0.0	-7.45	1.60	0.0	-5.17	0.0	0.0
		0.0	0.0	-1.63e-03	0.0	90.0	-7.45	-1.60	0.0	-5.17	0.0	0.0
4255	5	36.01	0.0	-8.14e-03	-3.20	0.0	-7.45	1.60	0.0	-5.17	0.0	0.0
		0.0	0.0	-1.63e-03	0.0	90.0	-7.45	-1.60	0.0	-5.17	0.0	0.0
4256	1	46.81	0.0	-0.05	-4.16	0.0	-21.36	2.08	0.0	-20.07	0.0	0.0
		0.0	0.0	-2.90e-03	0.0	90.0	-21.36	-2.08	0.0	-20.07	0.0	0.0
4256	2	36.01	0.0	-0.04	-3.20	0.0	-17.26	1.60	0.0	-16.16	0.0	0.0
		0.0	0.0	-2.34e-03	0.0	90.0	-17.26	-1.60	0.0	-16.16	0.0	0.0
4256	3	36.01	0.0	-0.04	-3.20	0.0	-16.06	1.60	0.0	-15.13	0.0	0.0
		0.0	0.0	-2.18e-03	0.0	90.0	-16.06	-1.60	0.0	-15.13	0.0	0.0
4256	4	36.01	0.0	-0.03	-3.20	0.0	-13.67	1.60	0.0	-13.03	0.0	0.0
		0.0	0.0	-1.88e-03	0.0	90.0	-13.67	-1.60	0.0	-13.03	0.0	0.0
4256	5	36.01	0.0	-0.03	-3.20	0.0	-13.67	1.60	0.0	-13.03	0.0	0.0
		0.0	0.0	-1.88e-03	0.0	90.0	-13.67	-1.60	0.0	-13.03	0.0	0.0
4259	1	480.14	0.0	-3.41e-03	-2.08	0.0	149.91	-9.63	0.22	-1.98	-9.80	480.14
		0.0	-9.80	-2.73e-03	0.0	45.0	149.91	-11.71	0.22	-1.98	0.0	0.0
4259	2	390.26	0.0	-2.76e-03	-1.60	0.0	121.15	-7.87	0.18	-1.62	-7.96	390.26
		0.0	-7.96	-2.20e-03	0.0	45.0	121.15	-9.47	0.18	-1.62	0.0	0.0
4259	3	360.05	0.0	-2.56e-03	-1.60	0.0	112.68	-7.20	0.16	-1.48	-7.36	360.05
		0.0	-7.36	-2.05e-03	0.0	45.0	112.68	-8.80	0.16	-1.48	0.0	0.0
4259	4	299.67	0.0	-2.18e-03	-1.60	0.0	95.62	-5.86	0.14	-1.17	-6.16	299.67
		0.0	-6.16	-1.75e-03	0.0	45.0	95.62	-7.46	0.14	-1.17	0.0	0.0
4259	5	299.67	0.0	-2.18e-03	-1.60	0.0	95.62	-5.86	0.14	-1.17	-6.16	299.67
		0.0	-6.16	-1.75e-03	0.0	45.0	95.62	-7.46	0.14	-1.17	0.0	0.0
4260	1	555.30	0.0	4.22e-03	-2.08	0.0	165.66	-11.30	0.23	-5.01	-10.21	555.30
		0.0	-10.21	-1.68e-03	0.0	45.0	165.66	-13.38	0.23	-5.01	0.0	0.0
4260	2	451.30	0.0	3.44e-03	-1.60	0.0	133.73	-9.23	0.18	-4.08	-8.30	451.30
		0.0	-8.30	-1.36e-03	0.0	45.0	133.73	-10.83	0.18	-4.08	0.0	0.0
4260	3	416.44	0.0	3.16e-03	-1.60	0.0	124.61	-8.45	0.17	-3.75	-7.65	416.44
		0.0	-7.65	-1.27e-03	0.0	45.0	124.61	-10.05	0.17	-3.75	0.0	0.0
4260	4	346.72	0.0	2.59e-03	-1.60	0.0	106.21	-6.90	0.14	-3.08	-6.40	346.72
		0.0	-6.40	-1.08e-03	0.0	45.0	106.21	-8.50	0.14	-3.08	0.0	0.0
4260	5	346.72	0.0	2.59e-03	-1.60	0.0	106.21	-6.90	0.14	-3.08	-6.40	346.72
		0.0	-6.40	-1.08e-03	0.0	45.0	106.21	-8.50	0.14	-3.08	0.0	0.0
4261	1	548.64	0.0	7.36e-03	-2.08	0.0	179.99	-11.15	0.08	0.59	-3.61	548.64
		0.0	-3.61	-1.10e-04	0.0	45.0	179.99	-13.23	0.08	0.59	0.0	0.0
4261	2	445.73	0.0	5.97e-03	-1.60	0.0	145.92	-9.10	0.07	0.44	-2.95	445.73
		0.0	-2.95	-8.70e-05	0.0	45.0	145.92	-10.71	0.07	0.44	0.0	0.0
4261	3	411.49	0.0	5.52e-03	-1.60	0.0	135.22	-8.34	0.06	0.45	-2.69	411.49
		0.0	-2.69	-8.60e-05	0.0	45.0	135.22	-9.94	0.06	0.45	0.0	0.0
4261	4	343.03	0.0	4.62e-03	-1.60	0.0	113.55	-6.82	0.05	0.46	-2.17	343.03
		0.0	-2.17	-8.26e-05	0.0	45.0	113.55	-8.42	0.05	0.46	0.0	0.0
4261	5	343.03	0.0	4.62e-03	-1.60	0.0	113.55	-6.82	0.05	0.46	-2.17	343.03
		0.0	-2.17	-8.26e-05	0.0	45.0	113.55	-8.42	0.05	0.46	0.0	0.0

4262	1	556.23	0.0	0.01	-2.08	0.0	64.61	-11.32	0.11	5.30	-4.77	556.23
		0.0	-4.77	-1.46e-03	0.0	45.0	64.61	-13.40	0.11	5.30	0.0	0.0
4262	2	451.89	0.0	0.01	-1.60	0.0	52.45	-9.24	0.09	4.28	-3.89	451.89
		0.0	-3.89	-1.18e-03	0.0	45.0	52.45	-10.84	0.09	4.28	0.0	0.0
4262	3	417.17	0.0	9.47e-03	-1.60	0.0	48.55	-8.47	0.08	4.01	-3.56	417.17
		0.0	-3.56	-1.10e-03	0.0	45.0	48.55	-10.07	0.08	4.01	0.0	0.0
4262	4	347.75	0.0	7.92e-03	-1.60	0.0	40.54	-6.93	0.06	3.47	-2.90	347.75
		0.0	-2.90	-9.41e-04	0.0	45.0	40.54	-8.53	0.06	3.47	0.0	0.0
4262	5	347.75	0.0	7.92e-03	-1.60	0.0	40.54	-6.93	0.06	3.47	-2.90	347.75
		0.0	-2.90	-9.41e-04	0.0	45.0	40.54	-8.53	0.06	3.47	0.0	0.0
4263	1	591.88	0.0	0.02	-2.08	0.0	-142.51	-12.11	0.29	-0.81	-12.95	591.88
		0.0	-12.95	-3.12e-03	0.0	45.0	-142.51	-14.19	0.29	-0.81	0.0	0.0
4263	2	480.98	0.0	0.01	-1.60	0.0	-116.09	-9.89	0.23	-0.66	-10.51	480.98
		0.0	-10.51	-2.53e-03	0.0	45.0	-116.09	-11.49	0.23	-0.66	0.0	0.0
4263	3	443.98	0.0	0.01	-1.60	0.0	-107.00	-9.07	0.22	-0.58	-9.73	443.98
		0.0	-9.73	-2.35e-03	0.0	45.0	-107.00	-10.67	0.22	-0.58	0.0	0.0
4263	4	369.97	0.0	0.01	-1.60	0.0	-88.77	-7.42	0.18	-0.42	-8.12	369.97
		0.0	-8.12	-2.00e-03	0.0	45.0	-88.77	-9.02	0.18	-0.42	0.0	0.0
4263	5	369.97	0.0	0.01	-1.60	0.0	-88.77	-7.42	0.18	-0.42	-8.12	369.97
		0.0	-8.12	-2.00e-03	0.0	45.0	-88.77	-9.02	0.18	-0.42	0.0	0.0
4264	1	569.08	0.0	0.02	-2.08	0.0	-182.47	-11.61	0.26	-4.91	-11.59	569.08
		0.0	-11.59	-1.72e-03	0.0	45.0	-182.47	-13.69	0.26	-4.91	0.0	0.0
4264	2	462.44	0.0	0.01	-1.60	0.0	-148.48	-9.48	0.21	-4.00	-9.42	462.44
		0.0	-9.42	-1.39e-03	0.0	45.0	-148.48	-11.08	0.21	-4.00	0.0	0.0
4264	3	426.74	0.0	0.01	-1.60	0.0	-136.75	-8.68	0.19	-3.69	-8.69	426.74
		0.0	-8.69	-1.30e-03	0.0	45.0	-136.75	-10.28	0.19	-3.69	0.0	0.0
4264	4	355.29	0.0	9.65e-03	-1.60	0.0	-112.92	-7.10	0.16	-3.03	-7.17	355.29
		0.0	-7.17	-1.11e-03	0.0	45.0	-112.92	-8.70	0.16	-3.03	0.0	0.0
4264	5	355.29	0.0	9.65e-03	-1.60	0.0	-112.92	-7.10	0.16	-3.03	-7.17	355.29
		0.0	-7.17	-1.11e-03	0.0	45.0	-112.92	-8.70	0.16	-3.03	0.0	0.0
4265	1	521.71	0.0	0.01	-2.08	0.0	-113.86	-10.55	0.09	-1.32	-3.94	521.71
		0.0	-3.94	-2.44e-04	0.0	45.0	-113.86	-12.63	0.09	-1.32	0.0	0.0
4265	2	423.87	0.0	0.01	-1.60	0.0	-92.29	-8.62	0.07	-1.08	-3.22	423.87
		0.0	-3.22	-1.92e-04	0.0	45.0	-92.29	-10.22	0.07	-1.08	0.0	0.0
4265	3	391.31	0.0	9.78e-03	-1.60	0.0	-85.61	-7.90	0.07	-0.98	-2.94	391.31
		0.0	-2.94	-1.83e-04	0.0	45.0	-85.61	-9.50	0.07	-0.98	0.0	0.0
4265	4	326.05	0.0	8.21e-03	-1.60	0.0	-71.64	-6.45	0.05	-0.72	-2.36	326.05
		0.0	-2.36	-1.76e-04	0.0	45.0	-71.64	-8.05	0.05	-0.72	0.0	0.0
4265	5	326.05	0.0	8.21e-03	-1.60	0.0	-71.64	-6.45	0.05	-0.72	-2.36	326.05
		0.0	-2.36	-1.76e-04	0.0	45.0	-71.64	-8.05	0.05	-0.72	0.0	0.0
4266	1	522.62	0.0	0.01	-2.08	0.0	-142.25	-10.57	0.11	1.74	-4.94	522.62
		0.0	-4.94	-1.49e-03	0.0	45.0	-142.25	-12.65	0.11	1.74	0.0	0.0
4266	2	424.66	0.0	0.01	-1.60	0.0	-115.29	-8.64	0.09	1.39	-4.03	424.66
		0.0	-4.03	-1.20e-03	0.0	45.0	-115.29	-10.24	0.09	1.39	0.0	0.0
4266	3	391.97	0.0	0.01	-1.60	0.0	-106.85	-7.91	0.08	1.33	-3.69	391.97
		0.0	-3.69	-1.12e-03	0.0	45.0	-106.85	-9.51	0.08	1.33	0.0	0.0
4266	4	326.57	0.0	9.15e-03	-1.60	0.0	-89.83	-6.46	0.07	1.17	-3.01	326.57
		0.0	-3.01	-9.52e-04	0.0	45.0	-89.83	-8.06	0.07	1.17	0.0	0.0
4266	5	326.57	0.0	9.15e-03	-1.60	0.0	-89.83	-6.46	0.07	1.17	-3.01	326.57
		0.0	-3.01	-9.52e-04	0.0	45.0	-89.83	-8.06	0.07	1.17	0.0	0.0
4267	1	562.62	0.0	0.02	-2.08	0.0	-251.77	-11.46	0.28	-3.85	-12.47	562.62
		0.0	-12.47	-2.63e-03	0.0	45.0	-251.77	-13.54	0.28	-3.85	0.0	0.0
4267	2	457.22	0.0	0.01	-1.60	0.0	-204.59	-9.36	0.23	-3.13	-10.13	457.22
		0.0	-10.13	-2.13e-03	0.0	45.0	-204.59	-10.96	0.23	-3.13	0.0	0.0
4267	3	421.88	0.0	0.01	-1.60	0.0	-188.71	-8.57	0.21	-2.89	-9.40	421.88
		0.0	-9.40	-1.98e-03	0.0	45.0	-188.71	-10.18	0.21	-2.89	0.0	0.0
4267	4	351.41	0.0	0.01	-1.60	0.0	-157.50	-7.01	0.17	-2.36	-7.86	351.41
		0.0	-7.86	-1.69e-03	0.0	45.0	-157.50	-8.61	0.17	-2.36	0.0	0.0
4267	5	351.41	0.0	0.01	-1.60	0.0	-157.50	-7.01	0.17	-2.36	-7.86	351.41
		0.0	-7.86	-1.69e-03	0.0	45.0	-157.50	-8.61	0.17	-2.36	0.0	0.0
4268	1	549.37	0.0	0.01	-2.08	0.0	-197.61	-11.17	0.26	-8.75	-11.84	549.37
		0.0	-11.84	-1.44e-03	0.0	45.0	-197.61	-13.25	0.26	-8.75	0.0	0.0
4268	2	446.49	0.0	0.01	-1.60	0.0	-160.75	-9.12	0.21	-7.10	-9.62	446.49
		0.0	-9.62	-1.16e-03	0.0	45.0	-160.75	-10.72	0.21	-7.10	0.0	0.0
4268	3	411.99	0.0	0.01	-1.60	0.0	-148.16	-8.36	0.20	-6.62	-8.92	411.99
		0.0	-8.92	-1.09e-03	0.0	45.0	-148.16	-9.96	0.20	-6.62	0.0	0.0
4268	4	342.94	0.0	8.72e-03	-1.60	0.0	-122.90	-6.82	0.16	-5.55	-7.42	342.94
		0.0	-7.42	-9.30e-04	0.0	45.0	-122.90	-8.42	0.16	-5.55	0.0	0.0
4268	5	342.94	0.0	8.72e-03	-1.60	0.0	-122.90	-6.82	0.16	-5.55	-7.42	342.94
		0.0	-7.42	-9.30e-04	0.0	45.0	-122.90	-8.42	0.16	-5.55	0.0	0.0
4269	1	509.95	0.0	0.01	-2.08	0.0	-37.31	-10.29	0.01	0.93	-0.59	509.95
		0.0	-0.59	1.83e-03	0.0	45.0	-37.31	-12.37	0.01	0.93	0.0	0.0
4269	2	414.39	0.0	9.35e-03	-1.60	0.0	-30.03	-8.41	0.01	0.73	-0.53	414.39
		0.0	-0.53	1.48e-03	0.0	45.0	-30.03	-10.01	0.01	0.73	0.0	0.0
4269	3	382.46	0.0	8.65e-03	-1.60	0.0	-28.17	-7.70	9.45e-03	0.69	-0.43	382.46
		0.0	-0.43	1.38e-03	0.0	45.0	-28.17	-9.30	9.45e-03	0.69	0.0	0.0
4269	4	318.47	0.0	7.24e-03	-1.60	0.0	-24.05	-6.28	4.54e-03	0.67	-0.20	318.47

		0.0	-0.20	1.18e-03	0.0	45.0	-24.05	-7.88	4.54e-03	0.67	0.0	0.0
4269	5	318.47	0.0	7.24e-03	-1.60	0.0	-24.05	-6.28	4.54e-03	0.67	-0.20	318.47
		0.0	-0.20	1.18e-03	0.0	45.0	-24.05	-7.88	4.54e-03	0.67	0.0	0.0
4270	1	531.06	0.0	0.01	-2.08	0.0	3.90	-10.76	0.07	10.50	-3.32	531.06
		0.0	-3.32	-6.32e-04	0.0	45.0	3.90	-12.84	0.07	10.50	0.0	0.0
4270	2	431.53	0.0	0.01	-1.60	0.0	3.99	-8.79	0.06	8.46	-2.72	431.53
		0.0	-2.72	-5.10e-04	0.0	45.0	3.99	-10.39	0.06	8.46	0.0	0.0
4270	3	398.29	0.0	0.01	-1.60	0.0	2.60	-8.05	0.05	7.92	-2.46	398.29
		0.0	-2.46	-4.75e-04	0.0	45.0	2.60	-9.65	0.05	7.92	0.0	0.0
4270	4	331.80	0.0	9.29e-03	-1.60	0.0	9.99e-03	-6.57	0.04	6.82	-1.96	331.80
		0.0	-1.96	-4.09e-04	0.0	45.0	9.99e-03	-8.17	0.04	6.82	0.0	0.0
4270	5	331.80	0.0	9.29e-03	-1.60	0.0	9.99e-03	-6.57	0.04	6.82	-1.96	331.80
		0.0	-1.96	-4.09e-04	0.0	45.0	9.99e-03	-8.17	0.04	6.82	0.0	0.0
4271	1	541.40	0.0	0.02	-2.08	0.0	19.41	-10.99	0.16	13.30	-7.29	541.40
		0.0	-7.29	-1.70e-03	0.0	45.0	19.41	-13.07	0.16	13.30	0.0	0.0
4271	2	439.97	0.0	0.01	-1.60	0.0	16.66	-8.98	0.13	10.73	-5.93	439.97
		0.0	-5.93	-1.37e-03	0.0	45.0	16.66	-10.58	0.13	10.73	0.0	0.0
4271	3	406.03	0.0	0.01	-1.60	0.0	14.19	-8.22	0.12	10.03	-5.46	406.03
		0.0	-5.46	-1.29e-03	0.0	45.0	14.19	-9.82	0.12	10.03	0.0	0.0
4271	4	338.17	0.0	0.01	-1.60	0.0	9.39	-6.71	0.10	8.63	-4.50	338.17
		0.0	-4.50	-1.10e-03	0.0	45.0	9.39	-8.31	0.10	8.63	0.0	0.0
4271	5	338.17	0.0	0.01	-1.60	0.0	9.39	-6.71	0.10	8.63	-4.50	338.17
		0.0	-4.50	-1.10e-03	0.0	45.0	9.39	-8.31	0.10	8.63	0.0	0.0
4272	1	570.47	0.0	0.02	-2.08	0.0	-12.56	-11.64	0.36	4.56	-16.06	570.47
		0.0	-16.06	-3.83e-03	0.0	45.0	-12.56	-13.72	0.36	4.56	0.0	0.0
4272	2	463.63	0.0	0.02	-1.60	0.0	-9.83	-9.50	0.29	3.65	-13.03	463.63
		0.0	-13.03	-3.09e-03	0.0	45.0	-9.83	-11.10	0.29	3.65	0.0	0.0
4272	3	427.80	0.0	0.02	-1.60	0.0	-9.68	-8.71	0.27	3.46	-12.09	427.80
		0.0	-12.09	-2.89e-03	0.0	45.0	-9.68	-10.31	0.27	3.46	0.0	0.0
4272	4	356.15	0.0	0.01	-1.60	0.0	-9.27	-7.11	0.23	3.06	-10.16	356.15
		0.0	-10.16	-2.47e-03	0.0	45.0	-9.27	-8.71	0.23	3.06	0.0	0.0
4272	5	356.15	0.0	0.01	-1.60	0.0	-9.27	-7.11	0.23	3.06	-10.16	356.15
		0.0	-10.16	-2.47e-03	0.0	45.0	-9.27	-8.71	0.23	3.06	0.0	0.0
4273	1	528.30	0.0	0.02	-2.08	0.0	84.57	-10.70	0.27	1.07	-11.97	528.30
		0.0	-11.97	-1.95e-03	0.0	45.0	84.57	-12.78	0.27	1.07	0.0	0.0
4273	2	429.42	0.0	0.02	-1.60	0.0	68.57	-8.74	0.22	0.83	-9.72	429.42
		0.0	-9.72	-1.57e-03	0.0	45.0	68.57	-10.34	0.22	0.83	0.0	0.0
4273	3	396.15	0.0	0.01	-1.60	0.0	63.38	-8.00	0.20	0.79	-8.98	396.15
		0.0	-8.98	-1.46e-03	0.0	45.0	63.38	-9.60	0.20	0.79	0.0	0.0
4273	4	329.55	0.0	0.01	-1.60	0.0	53.14	-6.52	0.17	0.74	-7.52	329.55
		0.0	-7.52	-1.26e-03	0.0	45.0	53.14	-8.12	0.17	0.74	0.0	0.0
4273	5	329.55	0.0	0.01	-1.60	0.0	53.14	-6.52	0.17	0.74	-7.52	329.55
		0.0	-7.52	-1.26e-03	0.0	45.0	53.14	-8.12	0.17	0.74	0.0	0.0
4274	1	475.08	0.0	0.02	-2.08	0.0	-2.89	-9.52	0.21	0.04	-9.66	475.08
		0.0	-9.66	-2.21e-03	0.0	45.0	-2.89	-11.60	0.21	0.04	0.0	0.0
4274	2	386.12	0.0	0.02	-1.60	0.0	-2.35	-7.78	0.17	9.74e-04	-7.83	386.12
		0.0	-7.83	-1.78e-03	0.0	45.0	-2.35	-9.38	0.17	9.74e-04	0.0	0.0
4274	3	356.24	0.0	0.02	-1.60	0.0	-2.18	-7.12	0.16	0.07	-7.24	356.24
		0.0	-7.24	-1.66e-03	0.0	45.0	-2.18	-8.72	0.16	0.07	0.0	0.0
4274	4	296.47	0.0	0.01	-1.60	0.0	-1.81	-5.79	0.13	0.12	-6.07	296.47
		0.0	-6.07	-1.43e-03	0.0	45.0	-1.81	-7.39	0.13	0.12	0.0	0.0
4274	5	296.47	0.0	0.01	-1.60	0.0	-1.81	-5.79	0.13	0.12	-6.07	296.47
		0.0	-6.07	-1.43e-03	0.0	45.0	-1.81	-7.39	0.13	0.12	0.0	0.0
4275	1	535.20	9.80	-3.42e-03	-2.08	0.0	-400.88	-10.85	-0.22	-3.69	9.80	535.20
		0.0	0.0	-1.08e-03	0.0	45.0	-400.88	-12.93	-0.22	-3.69	0.0	0.0
4275	2	435.32	7.96	-2.76e-03	-1.60	0.0	-325.27	-8.87	-0.18	-3.03	7.96	435.32
		0.0	0.0	-8.70e-04	0.0	45.0	-325.27	-10.47	-0.18	-3.03	0.0	0.0
4275	3	401.19	7.36	-2.57e-03	-1.60	0.0	-300.83	-8.12	-0.16	-2.76	7.36	401.19
		0.0	0.0	-8.16e-04	0.0	45.0	-300.83	-9.72	-0.16	-2.76	0.0	0.0
4275	4	332.96	6.16	-2.19e-03	-1.60	0.0	-251.88	-6.60	-0.14	-2.22	6.16	332.96
		0.0	0.0	-7.05e-04	0.0	45.0	-251.88	-8.20	-0.14	-2.22	0.0	0.0
4275	5	332.96	6.16	-2.19e-03	-1.60	0.0	-251.88	-6.60	-0.14	-2.22	6.16	332.96
		0.0	0.0	-7.05e-04	0.0	45.0	-251.88	-8.20	-0.14	-2.22	0.0	0.0
4276	1	558.99	10.21	3.99e-03	-2.08	0.0	-485.41	-11.38	-0.23	-13.90	10.21	558.99
		0.0	0.0	-1.19e-03	0.0	45.0	-485.41	-13.46	-0.23	-13.90	0.0	0.0
4276	2	454.54	8.30	3.26e-03	-1.60	0.0	-393.52	-9.30	-0.18	-11.29	8.30	454.54
		0.0	0.0	-9.58e-04	0.0	45.0	-393.52	-10.90	-0.18	-11.29	0.0	0.0
4276	3	419.08	7.65	2.99e-03	-1.60	0.0	-364.43	-8.51	-0.17	-10.43	7.65	419.08
		0.0	0.0	-9.00e-04	0.0	45.0	-364.43	-10.11	-0.17	-10.43	0.0	0.0
4276	4	348.12	6.40	2.43e-03	-1.60	0.0	-306.05	-6.94	-0.14	-8.72	6.40	348.12
		0.0	0.0	-7.71e-04	0.0	45.0	-306.05	-8.54	-0.14	-8.72	0.0	0.0
4276	5	348.12	6.40	2.43e-03	-1.60	0.0	-306.05	-6.94	-0.14	-8.72	6.40	348.12
		0.0	0.0	-7.71e-04	0.0	45.0	-306.05	-8.54	-0.14	-8.72	0.0	0.0
4277	1	557.94	3.61	7.96e-03	-2.08	0.0	-500.09	-11.36	-0.08	-24.34	3.61	557.94
		0.0	0.0	-1.39e-03	0.0	45.0	-500.09	-13.44	-0.08	-24.34	0.0	0.0
4277	2	453.60	2.95	6.47e-03	-1.60	0.0	-405.71	-9.28	-0.07	-19.73	2.95	453.60
		0.0	0.0	-1.12e-03	0.0	45.0	-405.71	-10.88	-0.07	-19.73	0.0	0.0



4277	3	418.33	2.69	5.96e-03	-1.60	0.0	-375.47	-8.50	-0.06	-18.27	2.69	418.33
		0.0	0.0	-1.04e-03	0.0	45.0	-375.47	-10.10	-0.06	-18.27	0.0	0.0
4277	4	347.80	2.17	4.96e-03	-1.60	0.0	-314.90	-6.93	-0.05	-15.40	2.17	347.80
		0.0	0.0	-9.02e-04	0.0	45.0	-314.90	-8.53	-0.05	-15.40	0.0	0.0
4277	5	347.80	2.17	4.96e-03	-1.60	0.0	-314.90	-6.93	-0.05	-15.40	2.17	347.80
		0.0	0.0	-9.02e-04	0.0	45.0	-314.90	-8.53	-0.05	-15.40	0.0	0.0
4278	1	572.94	4.77	0.01	-2.08	0.0	-450.16	-11.69	-0.11	-14.02	4.77	572.94
		0.0	0.0	-1.25e-03	0.0	45.0	-450.16	-13.77	-0.11	-14.02	0.0	0.0
4278	2	465.88	3.89	0.01	-1.60	0.0	-365.55	-9.55	-0.09	-11.38	3.89	465.88
		0.0	0.0	-1.01e-03	0.0	45.0	-365.55	-11.15	-0.09	-11.38	0.0	0.0
4278	3	429.57	3.56	9.74e-03	-1.60	0.0	-337.87	-8.75	-0.08	-10.52	3.56	429.57
		0.0	0.0	-9.43e-04	0.0	45.0	-337.87	-10.35	-0.08	-10.52	0.0	0.0
4278	4	356.92	2.90	8.12e-03	-1.60	0.0	-282.42	-7.13	-0.06	-8.82	2.90	356.92
		0.0	0.0	-8.17e-04	0.0	45.0	-282.42	-8.73	-0.06	-8.82	0.0	0.0
4278	5	356.92	2.90	8.12e-03	-1.60	0.0	-282.42	-7.13	-0.06	-8.82	2.90	356.92
		0.0	0.0	-8.17e-04	0.0	45.0	-282.42	-8.73	-0.06	-8.82	0.0	0.0
4279	1	571.35	12.95	0.02	-2.08	0.0	-288.10	-11.66	-0.29	-3.20	12.95	571.35
		0.0	0.0	-8.97e-04	0.0	45.0	-288.10	-13.74	-0.29	-3.20	0.0	0.0
4279	2	464.66	10.51	0.01	-1.60	0.0	-233.89	-9.53	-0.23	-2.63	10.51	464.66
		0.0	0.0	-7.21e-04	0.0	45.0	-233.89	-11.13	-0.23	-2.63	0.0	0.0
4279	3	428.37	9.73	0.01	-1.60	0.0	-216.15	-8.72	-0.22	-2.39	9.73	428.37
		0.0	0.0	-6.71e-04	0.0	45.0	-216.15	-10.32	-0.22	-2.39	0.0	0.0
4279	4	355.75	8.12	0.01	-1.60	0.0	-180.74	-7.11	-0.18	-1.91	8.12	355.75
		0.0	0.0	-5.87e-04	0.0	45.0	-180.74	-8.71	-0.18	-1.91	0.0	0.0
4279	5	355.75	8.12	0.01	-1.60	0.0	-180.74	-7.11	-0.18	-1.91	8.12	355.75
		0.0	0.0	-5.87e-04	0.0	45.0	-180.74	-8.71	-0.18	-1.91	0.0	0.0
4280	1	531.91	11.59	0.01	-2.08	0.0	-165.11	-10.78	-0.26	-14.03	11.59	531.91
		0.0	0.0	-1.16e-03	0.0	45.0	-165.11	-12.86	-0.26	-14.03	0.0	0.0
4280	2	432.56	9.42	0.01	-1.60	0.0	-133.83	-8.81	-0.21	-11.39	9.42	432.56
		0.0	0.0	-9.35e-04	0.0	45.0	-133.83	-10.41	-0.21	-11.39	0.0	0.0
4280	3	398.72	8.69	0.01	-1.60	0.0	-123.95	-8.06	-0.19	-10.55	8.69	398.72
		0.0	0.0	-8.84e-04	0.0	45.0	-123.95	-9.66	-0.19	-10.55	0.0	0.0
4280	4	331.01	7.17	9.07e-03	-1.60	0.0	-104.24	-6.56	-0.16	-8.80	7.17	331.01
		0.0	0.0	-7.75e-04	0.0	45.0	-104.24	-8.16	-0.16	-8.80	0.0	0.0
4280	5	331.01	7.17	9.07e-03	-1.60	0.0	-104.24	-6.56	-0.16	-8.80	7.17	331.01
		0.0	0.0	-7.75e-04	0.0	45.0	-104.24	-8.16	-0.16	-8.80	0.0	0.0
4281	1	516.62	3.94	0.01	-2.08	0.0	-176.40	-10.44	-0.09	-25.27	3.94	516.62
		0.0	0.0	-1.62e-03	0.0	45.0	-176.40	-12.52	-0.09	-25.27	0.0	0.0
4281	2	420.10	3.22	0.01	-1.60	0.0	-143.28	-8.54	-0.07	-20.48	3.22	420.10
		0.0	0.0	-1.30e-03	0.0	45.0	-143.28	-10.14	-0.07	-20.48	0.0	0.0
4281	3	387.33	2.94	0.01	-1.60	0.0	-132.31	-7.81	-0.07	-18.98	2.94	387.33
		0.0	0.0	-1.22e-03	0.0	45.0	-132.31	-9.41	-0.07	-18.98	0.0	0.0
4281	4	321.77	2.36	8.41e-03	-1.60	0.0	-110.58	-6.35	-0.05	-15.93	2.36	321.77
		0.0	0.0	-1.05e-03	0.0	45.0	-110.58	-7.95	-0.05	-15.93	0.0	0.0
4281	5	321.77	2.36	8.41e-03	-1.60	0.0	-110.58	-6.35	-0.05	-15.93	2.36	321.77
		0.0	0.0	-1.05e-03	0.0	45.0	-110.58	-7.95	-0.05	-15.93	0.0	0.0
4282	1	534.57	4.94	0.01	-2.08	0.0	-195.22	-10.84	-0.11	-16.21	4.94	534.57
		0.0	0.0	-1.54e-03	0.0	45.0	-195.22	-12.92	-0.11	-16.21	0.0	0.0
4282	2	434.77	4.03	0.01	-1.60	0.0	-158.84	-8.86	-0.09	-13.14	4.03	434.77
		0.0	0.0	-1.24e-03	0.0	45.0	-158.84	-10.46	-0.09	-13.14	0.0	0.0
4282	3	400.72	3.69	0.01	-1.60	0.0	-146.28	-8.10	-0.08	-12.17	3.69	400.72
		0.0	0.0	-1.16e-03	0.0	45.0	-146.28	-9.71	-0.08	-12.17	0.0	0.0
4282	4	332.70	3.01	9.29e-03	-1.60	0.0	-121.30	-6.59	-0.07	-10.23	3.01	332.70
		0.0	0.0	-9.94e-04	0.0	45.0	-121.30	-8.19	-0.07	-10.23	0.0	0.0
4282	5	332.70	3.01	9.29e-03	-1.60	0.0	-121.30	-6.59	-0.07	-10.23	3.01	332.70
		0.0	0.0	-9.94e-04	0.0	45.0	-121.30	-8.19	-0.07	-10.23	0.0	0.0
4283	1	540.86	12.47	0.02	-2.08	0.0	-125.00	-10.98	-0.28	-7.01	12.47	540.86
		0.0	0.0	-8.97e-04	0.0	45.0	-125.00	-13.06	-0.28	-7.01	0.0	0.0
4283	2	439.93	10.13	0.01	-1.60	0.0	-101.66	-8.98	-0.23	-5.70	10.13	439.93
		0.0	0.0	-7.21e-04	0.0	45.0	-101.66	-10.58	-0.23	-5.70	0.0	0.0
4283	3	405.42	9.40	0.01	-1.60	0.0	-93.77	-8.21	-0.21	-5.25	9.40	405.42
		0.0	0.0	-6.71e-04	0.0	45.0	-93.77	-9.81	-0.21	-5.25	0.0	0.0
4283	4	336.47	7.86	9.71e-03	-1.60	0.0	-77.55	-6.68	-0.17	-4.37	7.86	336.47
		0.0	0.0	-5.81e-04	0.0	45.0	-77.55	-8.28	-0.17	-4.37	0.0	0.0
4283	5	336.47	7.86	9.71e-03	-1.60	0.0	-77.55	-6.68	-0.17	-4.37	7.86	336.47
		0.0	0.0	-5.81e-04	0.0	45.0	-77.55	-8.28	-0.17	-4.37	0.0	0.0
4284	1	511.84	11.84	0.01	-2.08	0.0	-98.36	-10.33	-0.26	-18.85	11.84	511.84
		0.0	0.0	-1.22e-03	0.0	45.0	-98.36	-12.41	-0.26	-18.85	0.0	0.0
4284	2	416.31	9.62	0.01	-1.60	0.0	-79.80	-8.45	-0.21	-15.28	9.62	416.31
		0.0	0.0	-9.80e-04	0.0	45.0	-79.80	-10.05	-0.21	-15.28	0.0	0.0
4284	3	383.73	8.92	9.77e-03	-1.60	0.0	-73.96	-7.73	-0.20	-14.20	8.92	383.73
		0.0	0.0	-9.24e-04	0.0	45.0	-73.96	-9.33	-0.20	-14.20	0.0	0.0
4284	4	318.39	7.42	8.13e-03	-1.60	0.0	-61.60	-6.28	-0.16	-11.96	7.42	318.39
		0.0	0.0	-8.03e-04	0.0	45.0	-61.60	-7.88	-0.16	-11.96	0.0	0.0
4284	5	318.39	7.42	8.13e-03	-1.60	0.0	-61.60	-6.28	-0.16	-11.96	7.42	318.39
		0.0	0.0	-8.03e-04	0.0	45.0	-61.60	-7.88	-0.16	-11.96	0.0	0.0
4285	1	506.50	0.59	0.01	-2.08	0.0	-205.61	-10.22	-0.01	-31.80	0.59	506.50

		0.0	0.0	-6.75e-04	0.0	45.0	-205.61	-12.30	-0.01	-31.80	0.0	0.0
4285	2	411.88	0.53	9.75e-03	-1.60	0.0	-167.09	-8.35	-0.01	-25.75	0.53	411.88
		0.0	0.0	-5.45e-04	0.0	45.0	-167.09	-9.95	-0.01	-25.75	0.0	0.0
4285	3	379.72	0.43	9.01e-03	-1.60	0.0	-154.21	-7.64	-9.45e-03	-23.92	0.43	379.72
		0.0	0.0	-5.10e-04	0.0	45.0	-154.21	-9.24	-9.45e-03	-23.92	0.0	0.0
4285	4	315.33	0.20	7.51e-03	-1.60	0.0	-128.24	-6.21	-4.54e-03	-20.20	0.20	315.33
		0.0	0.0	-4.43e-04	0.0	45.0	-128.24	-7.81	-4.54e-03	-20.20	0.0	0.0
4285	5	315.33	0.20	7.51e-03	-1.60	0.0	-128.24	-6.21	-4.54e-03	-20.20	0.20	315.33
		0.0	0.0	-4.43e-04	0.0	45.0	-128.24	-7.81	-4.54e-03	-20.20	0.0	0.0
4286	1	536.94	3.32	0.01	-2.08	0.0	-306.66	-10.89	-0.07	-16.29	3.32	536.94
		0.0	0.0	-3.73e-04	0.0	45.0	-306.66	-12.97	-0.07	-16.29	0.0	0.0
4286	2	436.67	2.72	0.01	-1.60	0.0	-249.71	-8.90	-0.06	-13.21	2.72	436.67
		0.0	0.0	-3.00e-04	0.0	45.0	-249.71	-10.50	-0.06	-13.21	0.0	0.0
4286	3	402.52	2.46	0.01	-1.60	0.0	-229.80	-8.14	-0.05	-12.23	2.46	402.52
		0.0	0.0	-2.83e-04	0.0	45.0	-229.80	-9.75	-0.05	-12.23	0.0	0.0
4286	4	334.25	1.96	9.22e-03	-1.60	0.0	-189.84	-6.63	-0.04	-10.25	1.96	334.25
		0.0	0.0	-2.51e-04	0.0	45.0	-189.84	-8.23	-0.04	-10.25	0.0	0.0
4286	5	334.25	1.96	9.22e-03	-1.60	0.0	-189.84	-6.63	-0.04	-10.25	1.96	334.25
		0.0	0.0	-2.51e-04	0.0	45.0	-189.84	-8.23	-0.04	-10.25	0.0	0.0
4287	1	542.28	7.29	0.02	-2.08	0.0	-336.13	-11.01	-0.16	-7.68	7.29	542.28
		0.0	0.0	-2.52e-04	0.0	45.0	-336.13	-13.09	-0.16	-7.68	0.0	0.0
4287	2	441.10	5.93	0.01	-1.60	0.0	-273.96	-9.00	-0.13	-6.25	5.93	441.10
		0.0	0.0	-1.98e-04	0.0	45.0	-273.96	-10.60	-0.13	-6.25	0.0	0.0
4287	3	406.50	5.46	0.01	-1.60	0.0	-251.80	-8.23	-0.12	-5.74	5.46	406.50
		0.0	0.0	-1.94e-04	0.0	45.0	-251.80	-9.83	-0.12	-5.74	0.0	0.0
4287	4	337.28	4.50	0.01	-1.60	0.0	-207.24	-6.69	-0.10	-4.74	4.50	337.28
		0.0	0.0	-1.81e-04	0.0	45.0	-207.24	-8.30	-0.10	-4.74	0.0	0.0
4287	5	337.28	4.50	0.01	-1.60	0.0	-207.24	-6.69	-0.10	-4.74	4.50	337.28
		0.0	0.0	-1.81e-04	0.0	45.0	-207.24	-8.30	-0.10	-4.74	0.0	0.0
4288	1	550.30	16.06	0.02	-2.08	0.0	-328.40	-11.19	-0.36	4.25	16.06	550.30
		0.0	0.0	-3.94e-04	0.0	45.0	-328.40	-13.27	-0.36	4.25	0.0	0.0
4288	2	447.68	13.03	0.02	-1.60	0.0	-267.46	-9.15	-0.29	3.39	13.03	447.68
		0.0	0.0	-3.14e-04	0.0	45.0	-267.46	-10.75	-0.29	3.39	0.0	0.0
4288	3	412.50	12.09	0.01	-1.60	0.0	-246.04	-8.37	-0.27	3.23	12.09	412.50
		0.0	0.0	-2.97e-04	0.0	45.0	-246.04	-9.97	-0.27	3.23	0.0	0.0
4288	4	342.10	10.16	0.01	-1.60	0.0	-202.89	-6.80	-0.23	2.90	10.16	342.10
		0.0	0.0	-2.63e-04	0.0	45.0	-202.89	-8.40	-0.23	2.90	0.0	0.0
4288	5	342.10	10.16	0.01	-1.60	0.0	-202.89	-6.80	-0.23	2.90	10.16	342.10
		0.0	0.0	-2.63e-04	0.0	45.0	-202.89	-8.40	-0.23	2.90	0.0	0.0
4289	1	531.13	11.97	0.02	-2.08	0.0	-365.66	-10.76	-0.27	-3.63	11.97	531.13
		0.0	0.0	-7.24e-04	0.0	45.0	-365.66	-12.84	-0.27	-3.63	0.0	0.0
4289	2	432.05	9.72	0.02	-1.60	0.0	-297.11	-8.80	-0.22	-2.99	9.72	432.05
		0.0	0.0	-5.80e-04	0.0	45.0	-297.11	-10.40	-0.22	-2.99	0.0	0.0
4289	3	398.12	8.98	0.02	-1.60	0.0	-274.17	-8.05	-0.20	-2.74	8.98	398.12
		0.0	0.0	-5.53e-04	0.0	45.0	-274.17	-9.65	-0.20	-2.74	0.0	0.0
4289	4	330.28	7.52	0.01	-1.60	0.0	-228.45	-6.54	-0.17	-2.19	7.52	330.28
		0.0	0.0	-4.89e-04	0.0	45.0	-228.45	-8.14	-0.17	-2.19	0.0	0.0
4289	5	330.28	7.52	0.01	-1.60	0.0	-228.45	-6.54	-0.17	-2.19	7.52	330.28
		0.0	0.0	-4.89e-04	0.0	45.0	-228.45	-8.14	-0.17	-2.19	0.0	0.0
4290	1	556.55	9.66	0.02	-2.08	0.0	-368.54	-11.33	-0.21	-6.16	9.66	556.55
		0.0	0.0	-1.15e-03	0.0	45.0	-368.54	-13.41	-0.21	-6.16	0.0	0.0
4290	2	452.58	7.83	0.02	-1.60	0.0	-299.26	-9.26	-0.17	-5.04	7.83	452.58
		0.0	0.0	-9.28e-04	0.0	45.0	-299.26	-10.86	-0.17	-5.04	0.0	0.0
4290	3	417.22	7.24	0.02	-1.60	0.0	-276.43	-8.47	-0.16	-4.61	7.24	417.22
		0.0	0.0	-8.65e-04	0.0	45.0	-276.43	-10.07	-0.16	-4.61	0.0	0.0
4290	4	346.54	6.07	0.02	-1.60	0.0	-230.86	-6.90	-0.13	-3.76	6.07	346.54
		0.0	0.0	-7.52e-04	0.0	45.0	-230.86	-8.50	-0.13	-3.76	0.0	0.0
4290	5	346.54	6.07	0.02	-1.60	0.0	-230.86	-6.90	-0.13	-3.76	6.07	346.54
		0.0	0.0	-7.52e-04	0.0	45.0	-230.86	-8.50	-0.13	-3.76	0.0	0.0
4336	1	46.81	0.0	-1.55e-03	-4.16	0.0	9.71	2.08	0.0	1.01	0.0	0.0
		0.0	0.0	-1.72e-03	0.0	90.0	9.71	-2.08	0.0	1.01	0.0	0.0
4336	2	36.01	0.0	-1.17e-03	-3.20	0.0	7.76	1.60	0.0	0.84	0.0	0.0
		0.0	0.0	-1.39e-03	0.0	90.0	7.76	-1.60	0.0	0.84	0.0	0.0
4336	3	36.01	0.0	-1.21e-03	-3.20	0.0	7.36	1.60	0.0	0.75	0.0	0.0
		0.0	0.0	-1.30e-03	0.0	90.0	7.36	-1.60	0.0	0.75	0.0	0.0
4336	4	36.01	0.0	-1.28e-03	-3.20	0.0	6.52	1.60	0.0	0.58	0.0	0.0
		0.0	0.0	-1.12e-03	0.0	90.0	6.52	-1.60	0.0	0.58	0.0	0.0
4336	5	36.01	0.0	-1.28e-03	-3.20	0.0	6.52	1.60	0.0	0.58	0.0	0.0
		0.0	0.0	-1.12e-03	0.0	90.0	6.52	-1.60	0.0	0.58	0.0	0.0
4337	1	13.00	5.17	3.35e-03	-3.93	0.0	-120.23	1.10	0.06	0.26	0.0	0.0
		-73.25	0.0	-4.28e-03	0.0	85.0	-120.23	-2.83	0.06	0.26	5.17	-73.25
4337	2	9.32	4.11	2.92e-03	-3.02	0.0	-95.39	0.82	0.05	0.20	0.0	0.0
		-59.05	0.0	-3.43e-03	0.0	85.0	-95.39	-2.21	0.05	0.20	4.11	-59.05
4337	3	10.37	3.91	2.42e-03	-3.02	0.0	-91.20	0.86	0.05	0.20	0.0	0.0
		-55.14	0.0	-3.23e-03	0.0	85.0	-91.20	-2.16	0.05	0.20	3.91	-55.14
4337	4	12.70	3.55	1.46e-03	-3.02	0.0	-82.75	0.95	0.04	0.18	0.0	0.0
		-47.68	0.0	-2.81e-03	0.0	85.0	-82.75	-2.07	0.04	0.18	3.55	-47.68

4337	5	12.70	3.55	1.46e-03	-3.02	0.0	-82.75	0.95	0.04	0.18	0.0	0.0
		-47.68	0.0	-2.81e-03	0.0	85.0	-82.75	-2.07	0.04	0.18	3.55	-47.68
4338	1	4.70	9.77	-4.21e-03	-4.16	0.0	-111.97	2.78	0.05	0.26	5.17	-79.04
		-79.04	5.17	-2.87e-03	0.0	90.0	-111.97	-1.38	0.05	0.26	9.77	-15.74
4338	2	3.10	7.83	-3.44e-03	-3.20	0.0	-88.70	2.18	0.04	0.20	4.11	-63.75
		-63.75	4.11	-2.31e-03	0.0	90.0	-88.70	-1.02	0.04	0.20	7.83	-11.53
4338	3	3.85	7.38	-3.14e-03	-3.20	0.0	-84.98	2.12	0.04	0.20	3.91	-59.50
		-59.50	3.91	-2.16e-03	0.0	90.0	-84.98	-1.08	0.04	0.20	7.38	-12.36
4338	4	5.79	6.43	-2.56e-03	-3.20	0.0	-77.47	2.02	0.03	0.18	3.55	-51.34
		-51.34	3.55	-1.86e-03	0.0	90.0	-77.47	-1.18	0.03	0.18	6.43	-13.94
4338	5	5.79	6.43	-2.56e-03	-3.20	0.0	-77.47	2.02	0.03	0.18	3.55	-51.34
		-51.34	3.55	-1.86e-03	0.0	90.0	-77.47	-1.18	0.03	0.18	6.43	-13.94
4339	1	46.81	0.0	-7.70e-03	-4.16	0.0	9.87	2.08	0.0	7.90	0.0	0.0
		0.0	0.0	-2.42e-03	0.0	90.0	9.87	-2.08	0.0	7.90	0.0	0.0
4339	2	36.01	0.0	-6.21e-03	-3.20	0.0	7.89	1.60	0.0	6.43	0.0	0.0
		0.0	0.0	-1.95e-03	0.0	90.0	7.89	-1.60	0.0	6.43	0.0	0.0
4339	3	36.01	0.0	-5.81e-03	-3.20	0.0	7.47	1.60	0.0	5.92	0.0	0.0
		0.0	0.0	-1.83e-03	0.0	90.0	7.47	-1.60	0.0	5.92	0.0	0.0
4339	4	36.01	0.0	-5.02e-03	-3.20	0.0	6.62	1.60	0.0	4.94	0.0	0.0
		0.0	0.0	-1.58e-03	0.0	90.0	6.62	-1.60	0.0	4.94	0.0	0.0
4339	5	36.01	0.0	-5.02e-03	-3.20	0.0	6.62	1.60	0.0	4.94	0.0	0.0
		0.0	0.0	-1.58e-03	0.0	90.0	6.62	-1.60	0.0	4.94	0.0	0.0
4348	1	46.81	0.0	-0.02	-4.16	0.0	1.91	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-1.82e-03	0.0	90.0	1.91	-2.08	0.0	0.0	0.0	0.0
4348	2	36.01	0.0	-0.02	-3.20	0.0	1.55	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.47e-03	0.0	90.0	1.55	-1.60	0.0	0.0	0.0	0.0
4348	3	36.01	0.0	-0.02	-3.20	0.0	1.44	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.38e-03	0.0	90.0	1.44	-1.60	0.0	0.0	0.0	0.0
4348	4	36.01	0.0	-0.02	-3.20	0.0	1.21	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.19e-03	0.0	90.0	1.21	-1.60	0.0	0.0	0.0	0.0
4348	5	36.01	0.0	-0.02	-3.20	0.0	1.21	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.19e-03	0.0	90.0	1.21	-1.60	0.0	0.0	0.0	0.0
4349	1	46.81	0.0	-0.02	-4.16	0.0	3.68	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-3.66e-03	0.0	90.0	3.68	-2.08	0.0	0.0	0.0	0.0
4349	2	36.01	0.0	-0.01	-3.20	0.0	2.98	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.96e-03	0.0	90.0	2.98	-1.60	0.0	0.0	0.0	0.0
4349	3	36.01	0.0	-0.01	-3.20	0.0	2.76	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.77e-03	0.0	90.0	2.76	-1.60	0.0	0.0	0.0	0.0
4349	4	36.01	0.0	-0.01	-3.20	0.0	2.33	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.37e-03	0.0	90.0	2.33	-1.60	0.0	0.0	0.0	0.0
4349	5	36.01	0.0	-0.01	-3.20	0.0	2.33	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.37e-03	0.0	90.0	2.33	-1.60	0.0	0.0	0.0	0.0
4350	1	46.81	0.0	-2.88e-03	-4.16	0.0	-2.54	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	90.0	-2.54	-2.08	0.0	0.0	0.0	0.0
4350	2	36.01	0.0	-2.26e-03	-3.20	0.0	-2.04	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	90.0	-2.04	-1.60	0.0	0.0	0.0	0.0
4350	3	36.01	0.0	-2.19e-03	-3.20	0.0	-1.91	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	90.0	-1.91	-1.60	0.0	0.0	0.0	0.0
4350	4	36.01	0.0	-2.06e-03	-3.20	0.0	-1.65	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-1.65	-1.60	0.0	0.0	0.0	0.0
4350	5	36.01	0.0	-2.06e-03	-3.20	0.0	-1.65	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-1.65	-1.60	0.0	0.0	0.0	0.0
4351	1	46.81	0.0	-7.79e-03	-4.16	0.0	-145.14	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	90.0	-145.14	-2.08	0.0	0.0	0.0	0.0
4351	2	36.01	0.0	-6.26e-03	-3.20	0.0	-116.84	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.02	0.0	90.0	-116.84	-1.60	0.0	0.0	0.0	0.0
4351	3	36.01	0.0	-5.88e-03	-3.20	0.0	-109.34	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-109.34	-1.60	0.0	0.0	0.0	0.0
4351	4	36.01	0.0	-5.11e-03	-3.20	0.0	-94.33	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-94.33	-1.60	0.0	0.0	0.0	0.0
4351	5	36.01	0.0	-5.11e-03	-3.20	0.0	-94.33	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	0.01	0.0	90.0	-94.33	-1.60	0.0	0.0	0.0	0.0
4352	1	46.81	0.0	-9.43e-03	-4.16	0.0	11.25	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	8.06e-03	0.0	90.0	11.25	-2.08	0.0	0.0	0.0	0.0
4352	2	36.01	0.0	-7.57e-03	-3.20	0.0	9.01	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	6.50e-03	0.0	90.0	9.01	-1.60	0.0	0.0	0.0	0.0
4352	3	36.01	0.0	-7.11e-03	-3.20	0.0	8.50	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	6.06e-03	0.0	90.0	8.50	-1.60	0.0	0.0	0.0	0.0
4352	4	36.01	0.0	-6.20e-03	-3.20	0.0	7.47	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	5.19e-03	0.0	90.0	7.47	-1.60	0.0	0.0	0.0	0.0
4352	5	36.01	0.0	-6.20e-03	-3.20	0.0	7.47	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	5.19e-03	0.0	90.0	7.47	-1.60	0.0	0.0	0.0	0.0
4353	1	46.81	0.0	-2.46e-03	-4.16	0.0	4.72	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.93e-03	0.0	90.0	4.72	-2.08	0.0	0.0	0.0	0.0
4353	2	36.01	0.0	-1.90e-03	-3.20	0.0	3.84	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.37e-03	0.0	90.0	3.84	-1.60	0.0	0.0	0.0	0.0
4353	3	36.01	0.0	-1.89e-03	-3.20	0.0	3.56	1.60	0.0	0.0	0.0	0.0

		0.0	0.0	-2.21e-03	0.0	90.0	3.56	-1.60	0.0	0.0	0.0	0.0
4353	4	36.01	0.0	-1.87e-03	-3.20	0.0	2.94	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.88e-03	0.0	90.0	2.94	-1.60	0.0	0.0	0.0	0.0
4353	5	36.01	0.0	-1.87e-03	-3.20	0.0	2.94	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.88e-03	0.0	90.0	2.94	-1.60	0.0	0.0	0.0	0.0
4354	1	46.81	0.0	-6.63e-03	-4.16	0.0	4.29	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-3.75e-04	0.0	90.0	4.29	-2.08	0.0	0.0	0.0	0.0
4354	2	36.01	0.0	-5.35e-03	-3.20	0.0	3.49	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-3.02e-04	0.0	90.0	3.49	-1.60	0.0	0.0	0.0	0.0
4354	3	36.01	0.0	-4.97e-03	-3.20	0.0	3.23	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.69e-04	0.0	90.0	3.23	-1.60	0.0	0.0	0.0	0.0
4354	4	36.01	0.0	-4.26e-03	-3.20	0.0	2.67	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.31e-04	0.0	90.0	2.67	-1.60	0.0	0.0	0.0	0.0
4354	5	36.01	0.0	-4.26e-03	-3.20	0.0	2.67	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-2.31e-04	0.0	90.0	2.67	-1.60	0.0	0.0	0.0	0.0
4355	1	46.81	0.0	4.04e-03	-4.16	0.0	3.78	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	2.76e-03	0.0	90.0	3.78	-2.08	0.0	0.0	0.0	0.0
4355	2	36.01	0.0	3.20e-03	-3.20	0.0	3.08	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	2.24e-03	0.0	90.0	3.08	-1.60	0.0	0.0	0.0	0.0
4355	3	36.01	0.0	3.05e-03	-3.20	0.0	2.85	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	2.07e-03	0.0	90.0	2.85	-1.60	0.0	0.0	0.0	0.0
4355	4	36.01	0.0	2.78e-03	-3.20	0.0	2.34	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	1.74e-03	0.0	90.0	2.34	-1.60	0.0	0.0	0.0	0.0
4355	5	36.01	0.0	2.78e-03	-3.20	0.0	2.34	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	1.74e-03	0.0	90.0	2.34	-1.60	0.0	0.0	0.0	0.0
4356	1	46.81	0.0	1.11e-03	-4.16	0.0	3.24	2.08	0.0	0.0	0.0	0.0
		0.0	0.0	-2.30e-03	0.0	90.0	3.24	-2.08	0.0	0.0	0.0	0.0
4356	2	36.01	0.0	8.90e-04	-3.20	0.0	2.64	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.85e-03	0.0	90.0	2.64	-1.60	0.0	0.0	0.0	0.0
4356	3	36.01	0.0	-8.52e-04	-3.20	0.0	2.44	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.73e-03	0.0	90.0	2.44	-1.60	0.0	0.0	0.0	0.0
4356	4	36.01	0.0	-8.98e-04	-3.20	0.0	2.00	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.50e-03	0.0	90.0	2.00	-1.60	0.0	0.0	0.0	0.0
4356	5	36.01	0.0	-8.98e-04	-3.20	0.0	2.00	1.60	0.0	0.0	0.0	0.0
		0.0	0.0	-1.50e-03	0.0	90.0	2.00	-1.60	0.0	0.0	0.0	0.0
4357	1	69.92	0.0	-0.05	-5.09	0.0	-12.85	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-6.99e-05	0.0	110.0	-12.85	-2.54	0.0	0.0	0.0	0.0
4357	2	53.79	0.0	-0.04	-3.91	0.0	-10.37	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-4.20e-05	0.0	110.0	-10.37	-1.96	0.0	0.0	0.0	0.0
4357	3	53.79	0.0	-0.04	-3.91	0.0	-9.67	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-6.76e-05	0.0	110.0	-9.67	-1.96	0.0	0.0	0.0	0.0
4357	4	53.79	0.0	-0.03	-3.91	0.0	-8.25	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-9.53e-05	0.0	110.0	-8.25	-1.96	0.0	0.0	0.0	0.0
4357	5	53.79	0.0	-0.03	-3.91	0.0	-8.25	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-9.53e-05	0.0	110.0	-8.25	-1.96	0.0	0.0	0.0	0.0
4358	1	69.92	0.0	-0.06	-5.09	0.0	-7.15	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-3.88e-04	0.0	110.0	-7.15	-2.54	0.0	0.0	0.0	0.0
4358	2	53.79	0.0	-0.05	-3.91	0.0	-5.76	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.99e-04	0.0	110.0	-5.76	-1.96	0.0	0.0	0.0	0.0
4358	3	53.79	0.0	-0.05	-3.91	0.0	-5.38	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.07e-04	0.0	110.0	-5.38	-1.96	0.0	0.0	0.0	0.0
4358	4	53.79	0.0	-0.04	-3.91	0.0	-4.61	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.01e-04	0.0	110.0	-4.61	-1.96	0.0	0.0	0.0	0.0
4358	5	53.79	0.0	-0.04	-3.91	0.0	-4.61	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.01e-04	0.0	110.0	-4.61	-1.96	0.0	0.0	0.0	0.0
4359	1	69.92	0.0	-0.07	-5.09	0.0	-8.55	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-1.19e-03	0.0	110.0	-8.55	-2.54	0.0	0.0	0.0	0.0
4359	2	53.79	0.0	-0.06	-3.91	0.0	-6.90	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-9.45e-04	0.0	110.0	-6.90	-1.96	0.0	0.0	0.0	0.0
4359	3	53.79	0.0	-0.05	-3.91	0.0	-6.44	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-9.09e-04	0.0	110.0	-6.44	-1.96	0.0	0.0	0.0	0.0
4359	4	53.79	0.0	-0.04	-3.91	0.0	-5.50	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-8.17e-04	0.0	110.0	-5.50	-1.96	0.0	0.0	0.0	0.0
4359	5	53.79	0.0	-0.04	-3.91	0.0	-5.50	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-8.17e-04	0.0	110.0	-5.50	-1.96	0.0	0.0	0.0	0.0
4360	1	69.92	0.0	-0.07	-5.09	0.0	-16.66	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-1.87e-03	0.0	110.0	-16.66	-2.54	0.0	0.0	0.0	0.0
4360	2	53.79	0.0	-0.06	-3.91	0.0	-13.47	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.50e-03	0.0	110.0	-13.47	-1.96	0.0	0.0	0.0	0.0
4360	3	53.79	0.0	-0.05	-3.91	0.0	-12.53	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.42e-03	0.0	110.0	-12.53	-1.96	0.0	0.0	0.0	0.0
4360	4	53.79	0.0	-0.04	-3.91	0.0	-10.64	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.25e-03	0.0	110.0	-10.64	-1.96	0.0	0.0	0.0	0.0
4360	5	53.79	0.0	-0.04	-3.91	0.0	-10.64	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.25e-03	0.0	110.0	-10.64	-1.96	0.0	0.0	0.0	0.0
4361	1	69.92	0.0	-0.07	-5.09	0.0	-17.13	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-2.22e-03	0.0	110.0	-17.13	-2.54	0.0	0.0	0.0	0.0

4361	2	53.79	0.0	-0.06	-3.91	0.0	-13.85	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.79e-03	0.0	110.0	-13.85	-1.96	0.0	0.0	0.0	0.0
4361	3	53.79	0.0	-0.05	-3.91	0.0	-12.88	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.68e-03	0.0	110.0	-12.88	-1.96	0.0	0.0	0.0	0.0
4361	4	53.79	0.0	-0.05	-3.91	0.0	-10.94	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.46e-03	0.0	110.0	-10.94	-1.96	0.0	0.0	0.0	0.0
4361	5	53.79	0.0	-0.05	-3.91	0.0	-10.94	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.46e-03	0.0	110.0	-10.94	-1.96	0.0	0.0	0.0	0.0
4362	1	69.92	0.0	-0.08	-5.09	0.0	-9.25	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-2.67e-03	0.0	110.0	-9.25	-2.54	0.0	0.0	0.0	0.0
4362	2	53.79	0.0	-0.06	-3.91	0.0	-7.47	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.15e-03	0.0	110.0	-7.47	-1.96	0.0	0.0	0.0	0.0
4362	3	53.79	0.0	-0.06	-3.91	0.0	-6.96	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.02e-03	0.0	110.0	-6.96	-1.96	0.0	0.0	0.0	0.0
4362	4	53.79	0.0	-0.05	-3.91	0.0	-5.93	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.74e-03	0.0	110.0	-5.93	-1.96	0.0	0.0	0.0	0.0
4362	5	53.79	0.0	-0.05	-3.91	0.0	-5.93	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.74e-03	0.0	110.0	-5.93	-1.96	0.0	0.0	0.0	0.0
4363	1	69.92	0.0	-0.08	-5.09	0.0	-9.71	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-3.34e-03	0.0	110.0	-9.71	-2.54	0.0	0.0	0.0	0.0
4363	2	53.79	0.0	-0.06	-3.91	0.0	-7.84	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.69e-03	0.0	110.0	-7.84	-1.96	0.0	0.0	0.0	0.0
4363	3	53.79	0.0	-0.06	-3.91	0.0	-7.30	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.53e-03	0.0	110.0	-7.30	-1.96	0.0	0.0	0.0	0.0
4363	4	53.79	0.0	-0.05	-3.91	0.0	-6.22	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.18e-03	0.0	110.0	-6.22	-1.96	0.0	0.0	0.0	0.0
4363	5	53.79	0.0	-0.05	-3.91	0.0	-6.22	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.18e-03	0.0	110.0	-6.22	-1.96	0.0	0.0	0.0	0.0
4364	1	69.92	0.0	-0.07	-5.09	0.0	-18.00	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-3.73e-03	0.0	110.0	-18.00	-2.54	0.0	0.0	0.0	0.0
4364	2	53.79	0.0	-0.06	-3.91	0.0	-14.54	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.00e-03	0.0	110.0	-14.54	-1.96	0.0	0.0	0.0	0.0
4364	3	53.79	0.0	-0.06	-3.91	0.0	-13.53	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.82e-03	0.0	110.0	-13.53	-1.96	0.0	0.0	0.0	0.0
4364	4	53.79	0.0	-0.05	-3.91	0.0	-11.50	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.43e-03	0.0	110.0	-11.50	-1.96	0.0	0.0	0.0	0.0
4364	5	53.79	0.0	-0.05	-3.91	0.0	-11.50	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.43e-03	0.0	110.0	-11.50	-1.96	0.0	0.0	0.0	0.0
4365	1	69.92	0.0	-0.07	-5.09	0.0	-18.18	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-3.74e-03	0.0	110.0	-18.18	-2.54	0.0	0.0	0.0	0.0
4365	2	53.79	0.0	-0.06	-3.91	0.0	-14.69	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.01e-03	0.0	110.0	-14.69	-1.96	0.0	0.0	0.0	0.0
4365	3	53.79	0.0	-0.05	-3.91	0.0	-13.67	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.82e-03	0.0	110.0	-13.67	-1.96	0.0	0.0	0.0	0.0
4365	4	53.79	0.0	-0.05	-3.91	0.0	-11.62	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.43e-03	0.0	110.0	-11.62	-1.96	0.0	0.0	0.0	0.0
4365	5	53.79	0.0	-0.05	-3.91	0.0	-11.62	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.43e-03	0.0	110.0	-11.62	-1.96	0.0	0.0	0.0	0.0
4366	1	69.92	0.0	-0.07	-5.09	0.0	-9.61	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-3.97e-03	0.0	110.0	-9.61	-2.54	0.0	0.0	0.0	0.0
4366	2	53.79	0.0	-0.06	-3.91	0.0	-7.76	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.20e-03	0.0	110.0	-7.76	-1.96	0.0	0.0	0.0	0.0
4366	3	53.79	0.0	-0.06	-3.91	0.0	-7.23	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.99e-03	0.0	110.0	-7.23	-1.96	0.0	0.0	0.0	0.0
4366	4	53.79	0.0	-0.05	-3.91	0.0	-6.16	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.58e-03	0.0	110.0	-6.16	-1.96	0.0	0.0	0.0	0.0
4366	5	53.79	0.0	-0.05	-3.91	0.0	-6.16	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.58e-03	0.0	110.0	-6.16	-1.96	0.0	0.0	0.0	0.0
4367	1	69.92	0.0	-0.07	-5.09	0.0	-9.60	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-4.25e-03	0.0	110.0	-9.60	-2.54	0.0	0.0	0.0	0.0
4367	2	53.79	0.0	-0.06	-3.91	0.0	-7.76	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.42e-03	0.0	110.0	-7.76	-1.96	0.0	0.0	0.0	0.0
4367	3	53.79	0.0	-0.05	-3.91	0.0	-7.22	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.20e-03	0.0	110.0	-7.22	-1.96	0.0	0.0	0.0	0.0
4367	4	53.79	0.0	-0.05	-3.91	0.0	-6.15	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.76e-03	0.0	110.0	-6.15	-1.96	0.0	0.0	0.0	0.0
4367	5	53.79	0.0	-0.05	-3.91	0.0	-6.15	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.76e-03	0.0	110.0	-6.15	-1.96	0.0	0.0	0.0	0.0
4368	1	69.92	0.0	-0.07	-5.09	0.0	-15.20	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-3.78e-03	0.0	110.0	-15.20	-2.54	0.0	0.0	0.0	0.0
4368	2	53.79	0.0	-0.05	-3.91	0.0	-12.30	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.05e-03	0.0	110.0	-12.30	-1.96	0.0	0.0	0.0	0.0
4368	3	53.79	0.0	-0.05	-3.91	0.0	-11.42	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.84e-03	0.0	110.0	-11.42	-1.96	0.0	0.0	0.0	0.0
4368	4	53.79	0.0	-0.04	-3.91	0.0	-9.67	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.45e-03	0.0	110.0	-9.67	-1.96	0.0	0.0	0.0	0.0
4368	5	53.79	0.0	-0.04	-3.91	0.0	-9.67	1.96	0.0	0.0	0.0	0.0

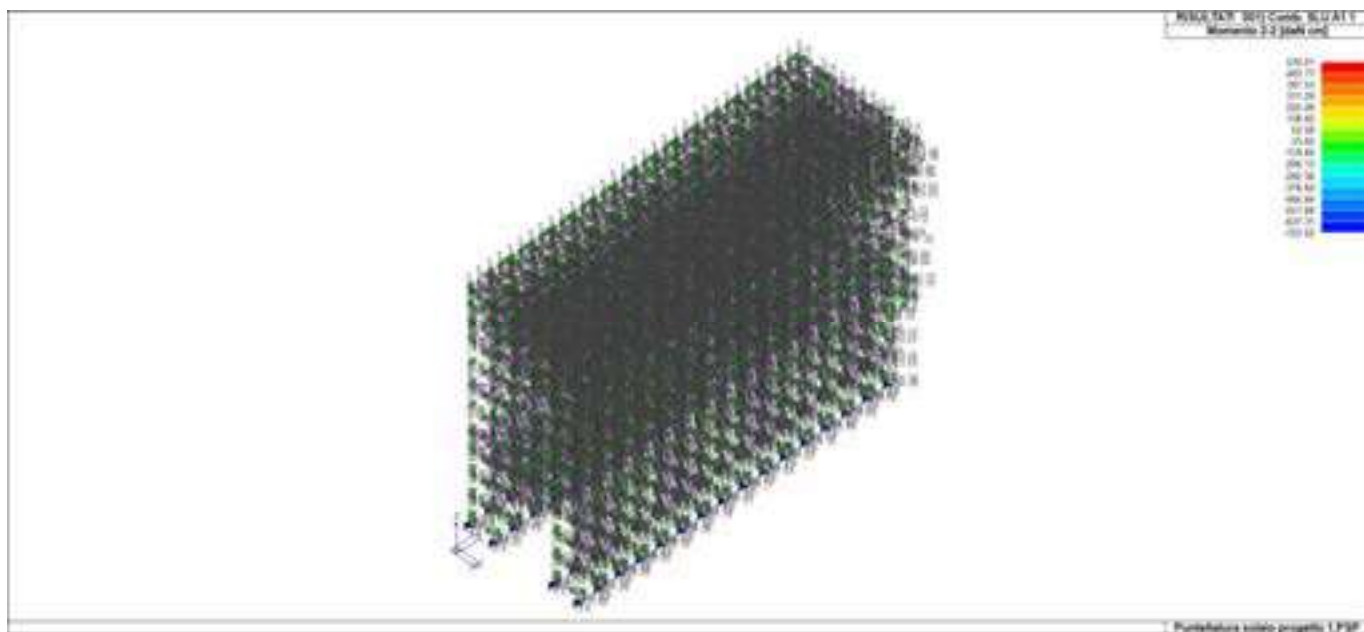
		0.0	0.0	-2.45e-03	0.0	110.0	-9.67	-1.96	0.0	0.0	0.0	0.0
4369	1	69.92	0.0	-0.07	-5.09	0.0	-15.58	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-3.00e-03	0.0	110.0	-15.58	-2.54	0.0	0.0	0.0	0.0
4369	2	53.79	0.0	-0.05	-3.91	0.0	-12.60	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.42e-03	0.0	110.0	-12.60	-1.96	0.0	0.0	0.0	0.0
4369	3	53.79	0.0	-0.05	-3.91	0.0	-11.71	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.25e-03	0.0	110.0	-11.71	-1.96	0.0	0.0	0.0	0.0
4369	4	53.79	0.0	-0.04	-3.91	0.0	-9.91	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.92e-03	0.0	110.0	-9.91	-1.96	0.0	0.0	0.0	0.0
4369	5	53.79	0.0	-0.04	-3.91	0.0	-9.91	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.92e-03	0.0	110.0	-9.91	-1.96	0.0	0.0	0.0	0.0
4370	1	69.92	0.0	-0.07	-5.09	0.0	-16.40	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-3.10e-03	0.0	110.0	-16.40	-2.54	0.0	0.0	0.0	0.0
4370	2	53.79	0.0	-0.06	-3.91	0.0	-13.26	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.51e-03	0.0	110.0	-13.26	-1.96	0.0	0.0	0.0	0.0
4370	3	53.79	0.0	-0.05	-3.91	0.0	-12.33	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.32e-03	0.0	110.0	-12.33	-1.96	0.0	0.0	0.0	0.0
4370	4	53.79	0.0	-0.05	-3.91	0.0	-10.46	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.97e-03	0.0	110.0	-10.46	-1.96	0.0	0.0	0.0	0.0
4370	5	53.79	0.0	-0.05	-3.91	0.0	-10.46	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.97e-03	0.0	110.0	-10.46	-1.96	0.0	0.0	0.0	0.0
4371	1	69.92	0.0	-0.07	-5.09	0.0	-8.58	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-4.26e-03	0.0	110.0	-8.58	-2.54	0.0	0.0	0.0	0.0
4371	2	53.79	0.0	-0.06	-3.91	0.0	-6.93	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.45e-03	0.0	110.0	-6.93	-1.96	0.0	0.0	0.0	0.0
4371	3	53.79	0.0	-0.05	-3.91	0.0	-6.47	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.19e-03	0.0	110.0	-6.47	-1.96	0.0	0.0	0.0	0.0
4371	4	53.79	0.0	-0.05	-3.91	0.0	-5.53	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.72e-03	0.0	110.0	-5.53	-1.96	0.0	0.0	0.0	0.0
4371	5	53.79	0.0	-0.05	-3.91	0.0	-5.53	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.72e-03	0.0	110.0	-5.53	-1.96	0.0	0.0	0.0	0.0
4372	1	69.92	0.0	-0.07	-5.09	0.0	-8.18	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-5.94e-03	0.0	110.0	-8.18	-2.54	0.0	0.0	0.0	0.0
4372	2	53.79	0.0	-0.05	-3.91	0.0	-6.60	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-4.79e-03	0.0	110.0	-6.60	-1.96	0.0	0.0	0.0	0.0
4372	3	53.79	0.0	-0.05	-3.91	0.0	-6.16	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-4.45e-03	0.0	110.0	-6.16	-1.96	0.0	0.0	0.0	0.0
4372	4	53.79	0.0	-0.04	-3.91	0.0	-5.27	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.80e-03	0.0	110.0	-5.27	-1.96	0.0	0.0	0.0	0.0
4372	5	53.79	0.0	-0.04	-3.91	0.0	-5.27	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.80e-03	0.0	110.0	-5.27	-1.96	0.0	0.0	0.0	0.0
4373	1	69.92	0.0	-0.05	-5.09	0.0	-12.67	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-6.82e-03	0.0	110.0	-12.67	-2.54	0.0	0.0	0.0	0.0
4373	2	53.79	0.0	-0.04	-3.91	0.0	-10.23	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-5.51e-03	0.0	110.0	-10.23	-1.96	0.0	0.0	0.0	0.0
4373	3	53.79	0.0	-0.04	-3.91	0.0	-9.52	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-5.12e-03	0.0	110.0	-9.52	-1.96	0.0	0.0	0.0	0.0
4373	4	53.79	0.0	-0.03	-3.91	0.0	-8.13	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-4.37e-03	0.0	110.0	-8.13	-1.96	0.0	0.0	0.0	0.0
4373	5	53.79	0.0	-0.03	-3.91	0.0	-8.13	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-4.37e-03	0.0	110.0	-8.13	-1.96	0.0	0.0	0.0	0.0
4374	1	69.92	0.0	0.05	-5.09	0.0	-13.40	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-7.04e-03	0.0	110.0	-13.40	-2.54	0.0	0.0	0.0	0.0
4374	2	53.79	0.0	0.04	-3.91	0.0	-10.81	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-5.69e-03	0.0	110.0	-10.81	-1.96	0.0	0.0	0.0	0.0
4374	3	53.79	0.0	0.04	-3.91	0.0	-10.07	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-5.31e-03	0.0	110.0	-10.07	-1.96	0.0	0.0	0.0	0.0
4374	4	53.79	0.0	0.03	-3.91	0.0	-8.60	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-4.52e-03	0.0	110.0	-8.60	-1.96	0.0	0.0	0.0	0.0
4374	5	53.79	0.0	0.03	-3.91	0.0	-8.60	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-4.52e-03	0.0	110.0	-8.60	-1.96	0.0	0.0	0.0	0.0
4375	1	69.92	0.0	0.06	-5.09	0.0	-7.01	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-6.72e-03	0.0	110.0	-7.01	-2.54	0.0	0.0	0.0	0.0
4375	2	53.79	0.0	0.05	-3.91	0.0	-5.65	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-5.43e-03	0.0	110.0	-5.65	-1.96	0.0	0.0	0.0	0.0
4375	3	53.79	0.0	0.05	-3.91	0.0	-5.27	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-5.07e-03	0.0	110.0	-5.27	-1.96	0.0	0.0	0.0	0.0
4375	4	53.79	0.0	0.04	-3.91	0.0	-4.52	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-4.32e-03	0.0	110.0	-4.52	-1.96	0.0	0.0	0.0	0.0
4375	5	53.79	0.0	0.04	-3.91	0.0	-4.52	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-4.32e-03	0.0	110.0	-4.52	-1.96	0.0	0.0	0.0	0.0
4376	1	69.92	0.0	0.07	-5.09	0.0	-8.01	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-5.94e-03	0.0	110.0	-8.01	-2.54	0.0	0.0	0.0	0.0
4376	2	53.79	0.0	0.06	-3.91	0.0	-6.46	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-4.80e-03	0.0	110.0	-6.46	-1.96	0.0	0.0	0.0	0.0
4376	3	53.79	0.0	0.05	-3.91	0.0	-6.02	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-4.47e-03	0.0	110.0	-6.02	-1.96	0.0	0.0	0.0	0.0

4376	4	53.79	0.0	0.04	-3.91	0.0	-5.16	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.81e-03	0.0	110.0	-5.16	-1.96	0.0	0.0	0.0	0.0
4376	5	53.79	0.0	0.04	-3.91	0.0	-5.16	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.81e-03	0.0	110.0	-5.16	-1.96	0.0	0.0	0.0	0.0
4377	1	69.92	0.0	0.07	-5.09	0.0	-17.61	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-5.26e-03	0.0	110.0	-17.61	-2.54	0.0	0.0	0.0	0.0
4377	2	53.79	0.0	0.06	-3.91	0.0	-14.24	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-4.25e-03	0.0	110.0	-14.24	-1.96	0.0	0.0	0.0	0.0
4377	3	53.79	0.0	0.05	-3.91	0.0	-13.24	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.96e-03	0.0	110.0	-13.24	-1.96	0.0	0.0	0.0	0.0
4377	4	53.79	0.0	0.04	-3.91	0.0	-11.26	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.38e-03	0.0	110.0	-11.26	-1.96	0.0	0.0	0.0	0.0
4377	5	53.79	0.0	0.04	-3.91	0.0	-11.26	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.38e-03	0.0	110.0	-11.26	-1.96	0.0	0.0	0.0	0.0
4378	1	69.92	0.0	0.07	-5.09	0.0	-18.16	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-4.91e-03	0.0	110.0	-18.16	-2.54	0.0	0.0	0.0	0.0
4378	2	53.79	0.0	0.06	-3.91	0.0	-14.69	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.96e-03	0.0	110.0	-14.69	-1.96	0.0	0.0	0.0	0.0
4378	3	53.79	0.0	0.05	-3.91	0.0	-13.66	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.70e-03	0.0	110.0	-13.66	-1.96	0.0	0.0	0.0	0.0
4378	4	53.79	0.0	0.05	-3.91	0.0	-11.61	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.17e-03	0.0	110.0	-11.61	-1.96	0.0	0.0	0.0	0.0
4378	5	53.79	0.0	0.05	-3.91	0.0	-11.61	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.17e-03	0.0	110.0	-11.61	-1.96	0.0	0.0	0.0	0.0
4379	1	69.92	0.0	0.08	-5.09	0.0	-8.64	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-4.47e-03	0.0	110.0	-8.64	-2.54	0.0	0.0	0.0	0.0
4379	2	53.79	0.0	0.06	-3.91	0.0	-6.98	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.60e-03	0.0	110.0	-6.98	-1.96	0.0	0.0	0.0	0.0
4379	3	53.79	0.0	0.06	-3.91	0.0	-6.50	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.37e-03	0.0	110.0	-6.50	-1.96	0.0	0.0	0.0	0.0
4379	4	53.79	0.0	0.05	-3.91	0.0	-5.55	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.89e-03	0.0	110.0	-5.55	-1.96	0.0	0.0	0.0	0.0
4379	5	53.79	0.0	0.05	-3.91	0.0	-5.55	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.89e-03	0.0	110.0	-5.55	-1.96	0.0	0.0	0.0	0.0
4380	1	69.92	0.0	0.08	-5.09	0.0	-9.35	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-3.74e-03	0.0	110.0	-9.35	-2.54	0.0	0.0	0.0	0.0
4380	2	53.79	0.0	0.06	-3.91	0.0	-7.55	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-3.01e-03	0.0	110.0	-7.55	-1.96	0.0	0.0	0.0	0.0
4380	3	53.79	0.0	0.06	-3.91	0.0	-7.04	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.81e-03	0.0	110.0	-7.04	-1.96	0.0	0.0	0.0	0.0
4380	4	53.79	0.0	0.05	-3.91	0.0	-6.02	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.42e-03	0.0	110.0	-6.02	-1.96	0.0	0.0	0.0	0.0
4380	5	53.79	0.0	0.05	-3.91	0.0	-6.02	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.42e-03	0.0	110.0	-6.02	-1.96	0.0	0.0	0.0	0.0
4381	1	69.92	0.0	0.07	-5.09	0.0	-17.97	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-3.32e-03	0.0	110.0	-17.97	-2.54	0.0	0.0	0.0	0.0
4381	2	53.79	0.0	0.06	-3.91	0.0	-14.53	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.68e-03	0.0	110.0	-14.53	-1.96	0.0	0.0	0.0	0.0
4381	3	53.79	0.0	0.06	-3.91	0.0	-13.51	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.50e-03	0.0	110.0	-13.51	-1.96	0.0	0.0	0.0	0.0
4381	4	53.79	0.0	0.05	-3.91	0.0	-11.48	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.15e-03	0.0	110.0	-11.48	-1.96	0.0	0.0	0.0	0.0
4381	5	53.79	0.0	0.05	-3.91	0.0	-11.48	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.15e-03	0.0	110.0	-11.48	-1.96	0.0	0.0	0.0	0.0
4382	1	69.92	0.0	0.07	-5.09	0.0	-17.68	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-3.45e-03	0.0	110.0	-17.68	-2.54	0.0	0.0	0.0	0.0
4382	2	53.79	0.0	0.06	-3.91	0.0	-14.29	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.78e-03	0.0	110.0	-14.29	-1.96	0.0	0.0	0.0	0.0
4382	3	53.79	0.0	0.06	-3.91	0.0	-13.30	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.59e-03	0.0	110.0	-13.30	-1.96	0.0	0.0	0.0	0.0
4382	4	53.79	0.0	0.05	-3.91	0.0	-11.30	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.23e-03	0.0	110.0	-11.30	-1.96	0.0	0.0	0.0	0.0
4382	5	53.79	0.0	0.05	-3.91	0.0	-11.30	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.23e-03	0.0	110.0	-11.30	-1.96	0.0	0.0	0.0	0.0
4383	1	69.92	0.0	0.08	-5.09	0.0	-8.61	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-3.34e-03	0.0	110.0	-8.61	-2.54	0.0	0.0	0.0	0.0
4383	2	53.79	0.0	0.06	-3.91	0.0	-6.95	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.69e-03	0.0	110.0	-6.95	-1.96	0.0	0.0	0.0	0.0
4383	3	53.79	0.0	0.06	-3.91	0.0	-6.47	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.51e-03	0.0	110.0	-6.47	-1.96	0.0	0.0	0.0	0.0
4383	4	53.79	0.0	0.05	-3.91	0.0	-5.53	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.16e-03	0.0	110.0	-5.53	-1.96	0.0	0.0	0.0	0.0
4383	5	53.79	0.0	0.05	-3.91	0.0	-5.53	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.16e-03	0.0	110.0	-5.53	-1.96	0.0	0.0	0.0	0.0
4384	1	69.92	0.0	0.08	-5.09	0.0	-9.01	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-2.49e-03	0.0	110.0	-9.01	-2.54	0.0	0.0	0.0	0.0
4384	2	53.79	0.0	0.07	-3.91	0.0	-7.27	1.96	0.0	0.0	0.0	0.0

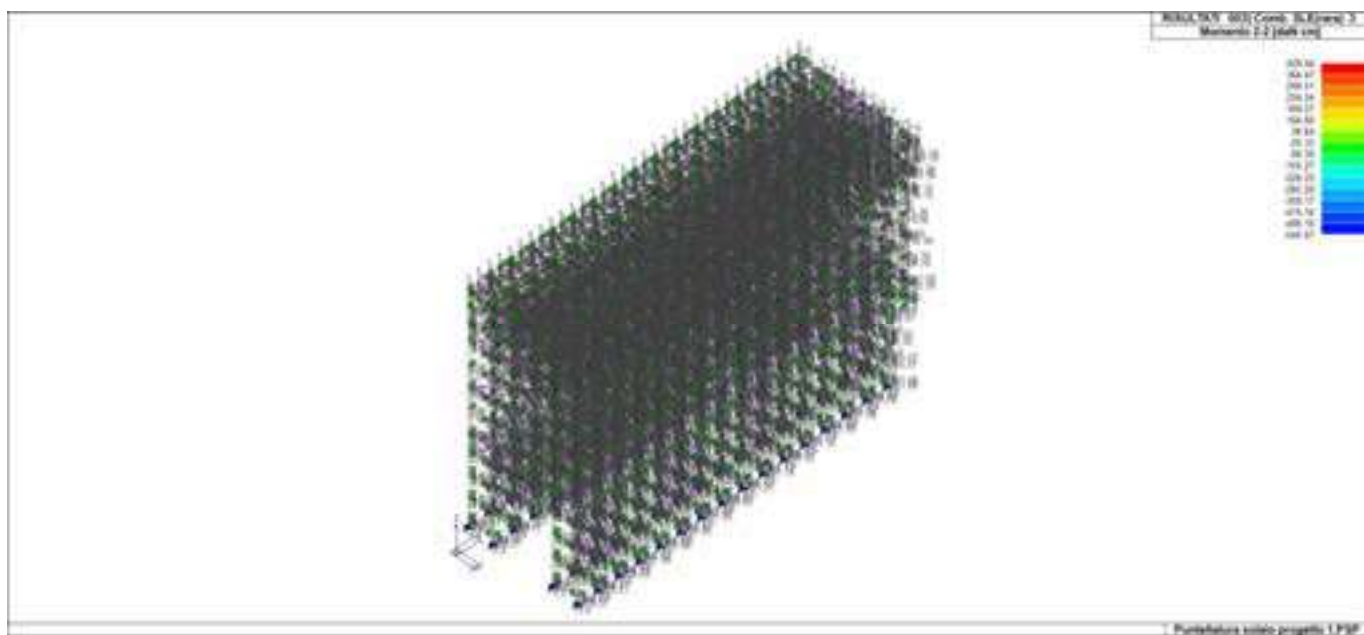


		0.0	0.0	-2.01e-03	0.0	110.0	-7.27	-1.96	0.0	0.0	0.0	0.0
4384	3	53.79	0.0	0.06	-3.91	0.0	-6.77	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.88e-03	0.0	110.0	-6.77	-1.96	0.0	0.0	0.0	0.0
4384	4	53.79	0.0	0.05	-3.91	0.0	-5.79	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.61e-03	0.0	110.0	-5.79	-1.96	0.0	0.0	0.0	0.0
4384	5	53.79	0.0	0.05	-3.91	0.0	-5.79	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.61e-03	0.0	110.0	-5.79	-1.96	0.0	0.0	0.0	0.0
4385	1	69.92	0.0	0.08	-5.09	0.0	-20.66	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-1.32e-03	0.0	110.0	-20.66	-2.54	0.0	0.0	0.0	0.0
4385	2	53.79	0.0	0.06	-3.91	0.0	-16.70	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.06e-03	0.0	110.0	-16.70	-1.96	0.0	0.0	0.0	0.0
4385	3	53.79	0.0	0.06	-3.91	0.0	-15.54	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-9.91e-04	0.0	110.0	-15.54	-1.96	0.0	0.0	0.0	0.0
4385	4	53.79	0.0	0.05	-3.91	0.0	-13.22	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-8.53e-04	0.0	110.0	-13.22	-1.96	0.0	0.0	0.0	0.0
4385	5	53.79	0.0	0.05	-3.91	0.0	-13.22	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-8.53e-04	0.0	110.0	-13.22	-1.96	0.0	0.0	0.0	0.0
4386	1	69.92	0.0	0.08	-5.09	0.0	-20.62	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	-1.96e-05	0.0	110.0	-20.62	-2.54	0.0	0.0	0.0	0.0
4386	2	53.79	0.0	0.06	-3.91	0.0	-16.67	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.34e-05	0.0	110.0	-16.67	-1.96	0.0	0.0	0.0	0.0
4386	3	53.79	0.0	0.06	-3.91	0.0	-15.51	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-1.68e-05	0.0	110.0	-15.51	-1.96	0.0	0.0	0.0	0.0
4386	4	53.79	0.0	0.05	-3.91	0.0	-13.19	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.70e-05	0.0	110.0	-13.19	-1.96	0.0	0.0	0.0	0.0
4386	5	53.79	0.0	0.05	-3.91	0.0	-13.19	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	-2.70e-05	0.0	110.0	-13.19	-1.96	0.0	0.0	0.0	0.0
4387	1	69.92	0.0	0.08	-5.09	0.0	-19.82	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	1.72e-03	0.0	110.0	-19.82	-2.54	0.0	0.0	0.0	0.0
4387	2	53.79	0.0	0.06	-3.91	0.0	-16.02	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	1.39e-03	0.0	110.0	-16.02	-1.96	0.0	0.0	0.0	0.0
4387	3	53.79	0.0	0.06	-3.91	0.0	-14.90	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	1.29e-03	0.0	110.0	-14.90	-1.96	0.0	0.0	0.0	0.0
4387	4	53.79	0.0	0.05	-3.91	0.0	-12.69	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	1.08e-03	0.0	110.0	-12.69	-1.96	0.0	0.0	0.0	0.0
4387	5	53.79	0.0	0.05	-3.91	0.0	-12.69	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	1.08e-03	0.0	110.0	-12.69	-1.96	0.0	0.0	0.0	0.0
4388	1	69.92	0.0	0.07	-5.09	0.0	-8.33	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	4.24e-03	0.0	110.0	-8.33	-2.54	0.0	0.0	0.0	0.0
4388	2	53.79	0.0	0.06	-3.91	0.0	-6.72	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	3.42e-03	0.0	110.0	-6.72	-1.96	0.0	0.0	0.0	0.0
4388	3	53.79	0.0	0.06	-3.91	0.0	-6.26	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	3.19e-03	0.0	110.0	-6.26	-1.96	0.0	0.0	0.0	0.0
4388	4	53.79	0.0	0.05	-3.91	0.0	-5.36	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	2.71e-03	0.0	110.0	-5.36	-1.96	0.0	0.0	0.0	0.0
4388	5	53.79	0.0	0.05	-3.91	0.0	-5.36	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	2.71e-03	0.0	110.0	-5.36	-1.96	0.0	0.0	0.0	0.0
4389	1	69.92	0.0	0.06	-5.09	0.0	-7.49	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	7.34e-03	0.0	110.0	-7.49	-2.54	0.0	0.0	0.0	0.0
4389	2	53.79	0.0	0.05	-3.91	0.0	-6.05	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	5.93e-03	0.0	110.0	-6.05	-1.96	0.0	0.0	0.0	0.0
4389	3	53.79	0.0	0.05	-3.91	0.0	-5.64	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	5.53e-03	0.0	110.0	-5.64	-1.96	0.0	0.0	0.0	0.0
4389	4	53.79	0.0	0.04	-3.91	0.0	-4.82	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	4.72e-03	0.0	110.0	-4.82	-1.96	0.0	0.0	0.0	0.0
4389	5	53.79	0.0	0.04	-3.91	0.0	-4.82	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	4.72e-03	0.0	110.0	-4.82	-1.96	0.0	0.0	0.0	0.0
4390	1	69.92	0.0	0.03	-5.09	0.0	-6.21	2.54	0.0	0.0	0.0	0.0
		0.0	0.0	8.89e-03	0.0	110.0	-6.21	-2.54	0.0	0.0	0.0	0.0
4390	2	53.79	0.0	0.02	-3.91	0.0	-5.03	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	7.18e-03	0.0	110.0	-5.03	-1.96	0.0	0.0	0.0	0.0
4390	3	53.79	0.0	0.02	-3.91	0.0	-4.67	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	6.70e-03	0.0	110.0	-4.67	-1.96	0.0	0.0	0.0	0.0
4390	4	53.79	0.0	0.02	-3.91	0.0	-3.96	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	5.72e-03	0.0	110.0	-3.96	-1.96	0.0	0.0	0.0	0.0
4390	5	53.79	0.0	0.02	-3.91	0.0	-3.96	1.96	0.0	0.0	0.0	0.0
		0.0	0.0	5.72e-03	0.0	110.0	-3.96	-1.96	0.0	0.0	0.0	0.0

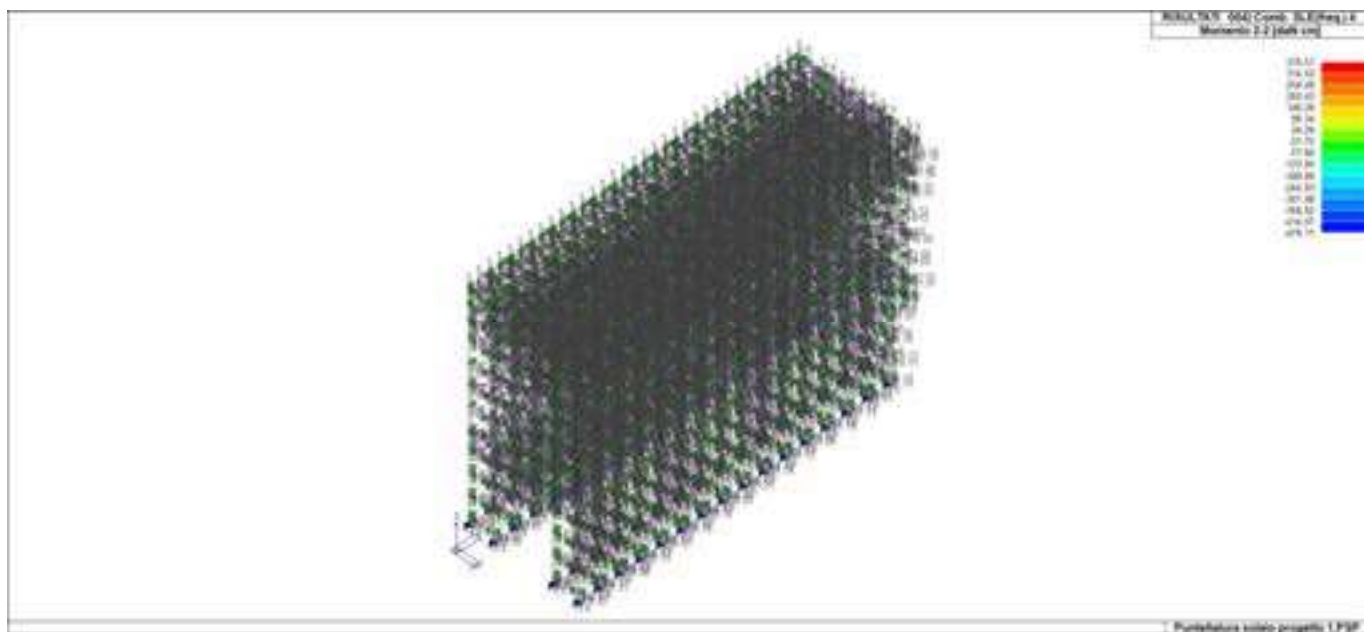
Trave	M3 mx/mn	M2 mx/mn	D 2 / D 3	Q 2 / Q 3	N	V 2	V 3	T
	-79.04	-44.04	-0.27	-12.72	-1058.78	-16.66	-0.71	-62.84
	704.71	32.15	0.22	0.0	1143.81	16.70	0.71	63.00



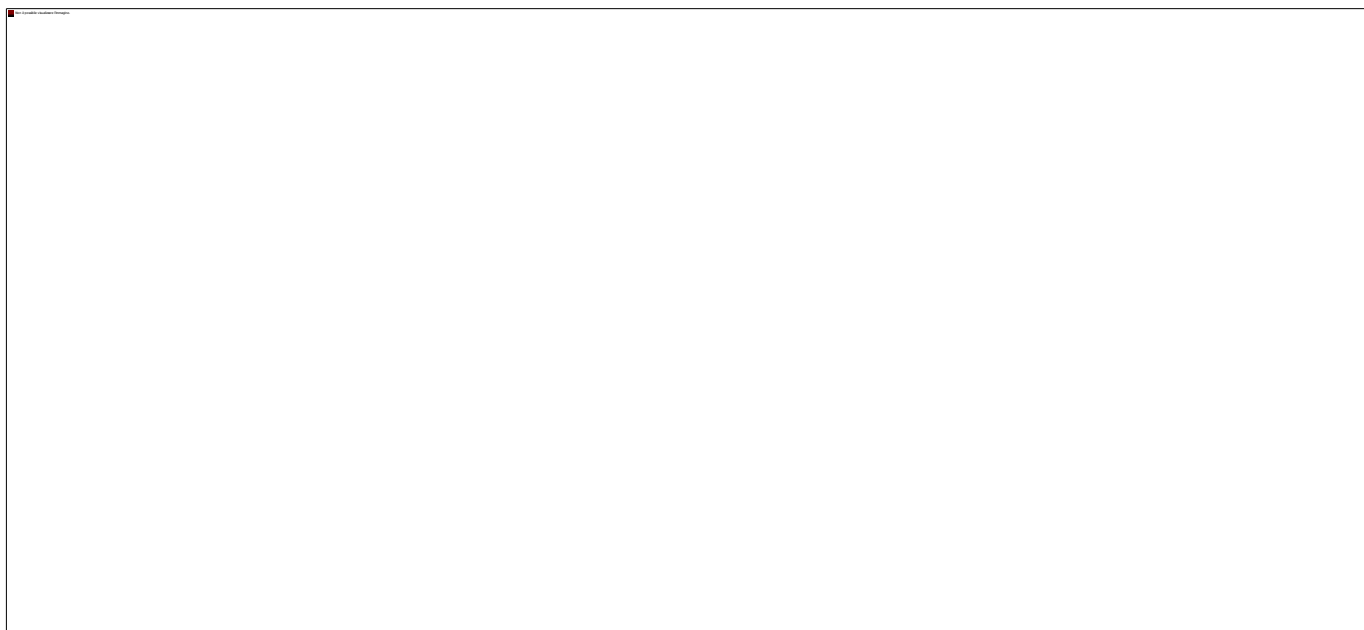
43_RIS_M2_001_Comb. SLU A1 1



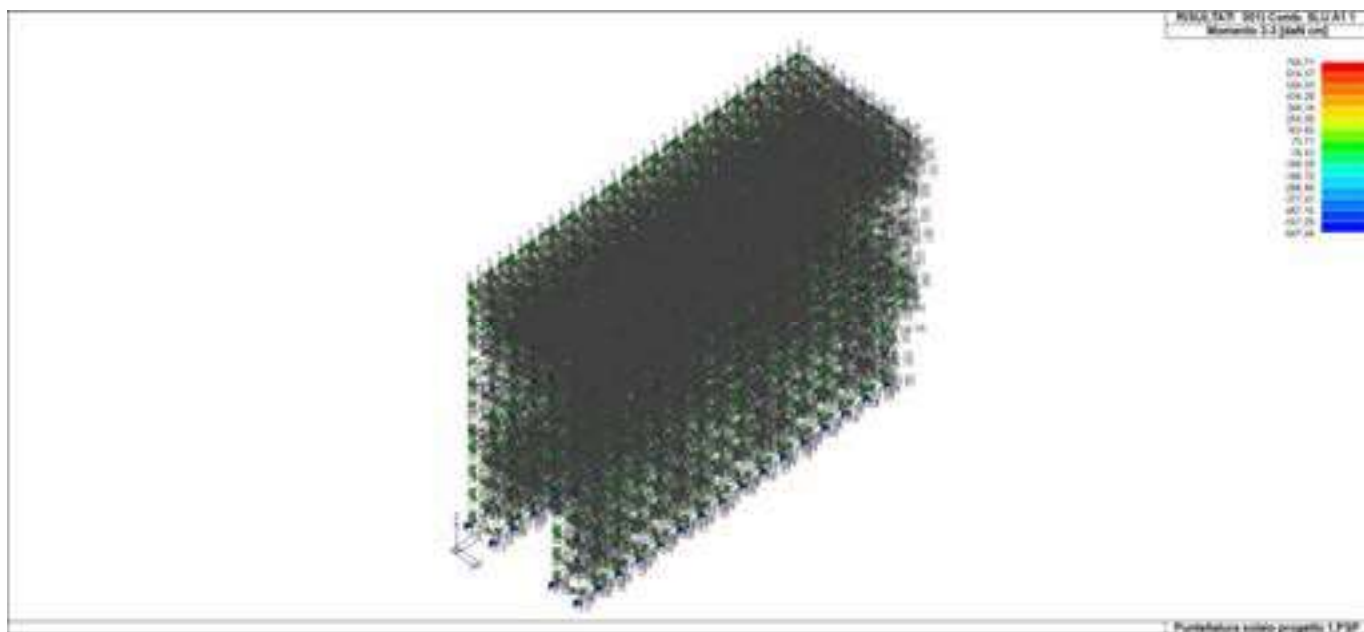
43_RIS_M2_003_Comb. SLE(rara) 3



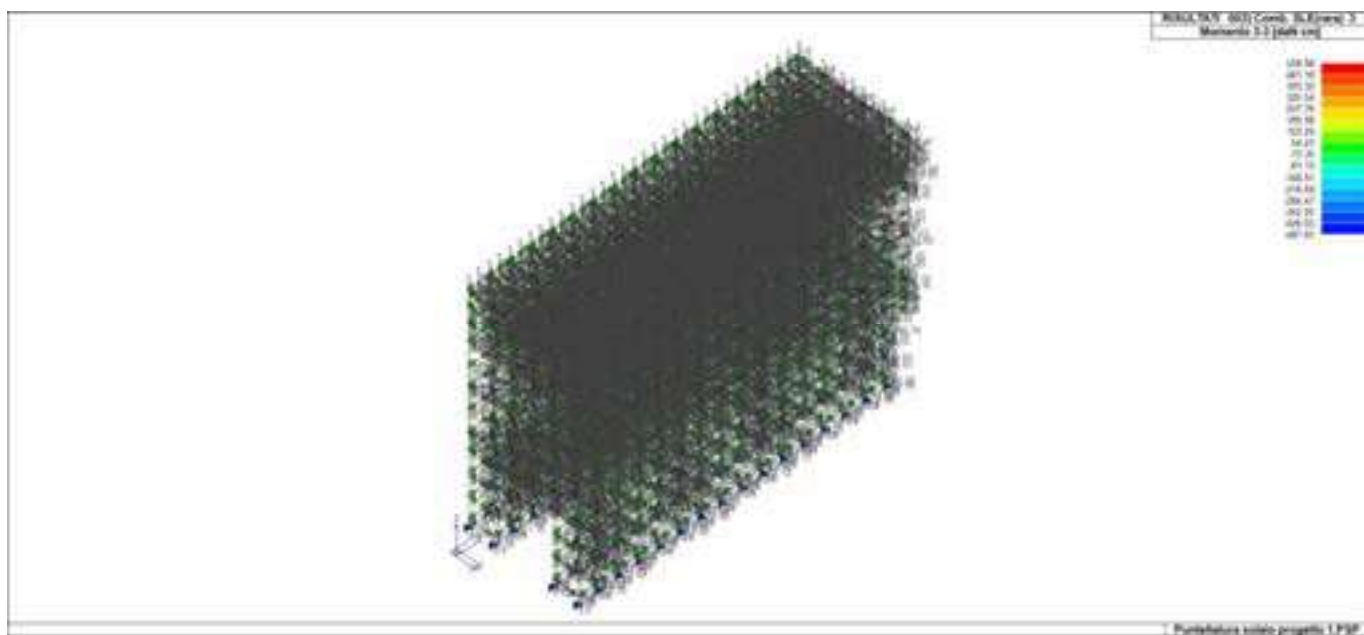
43_RIS_M2_004_Comb. SLE(freq.) 4



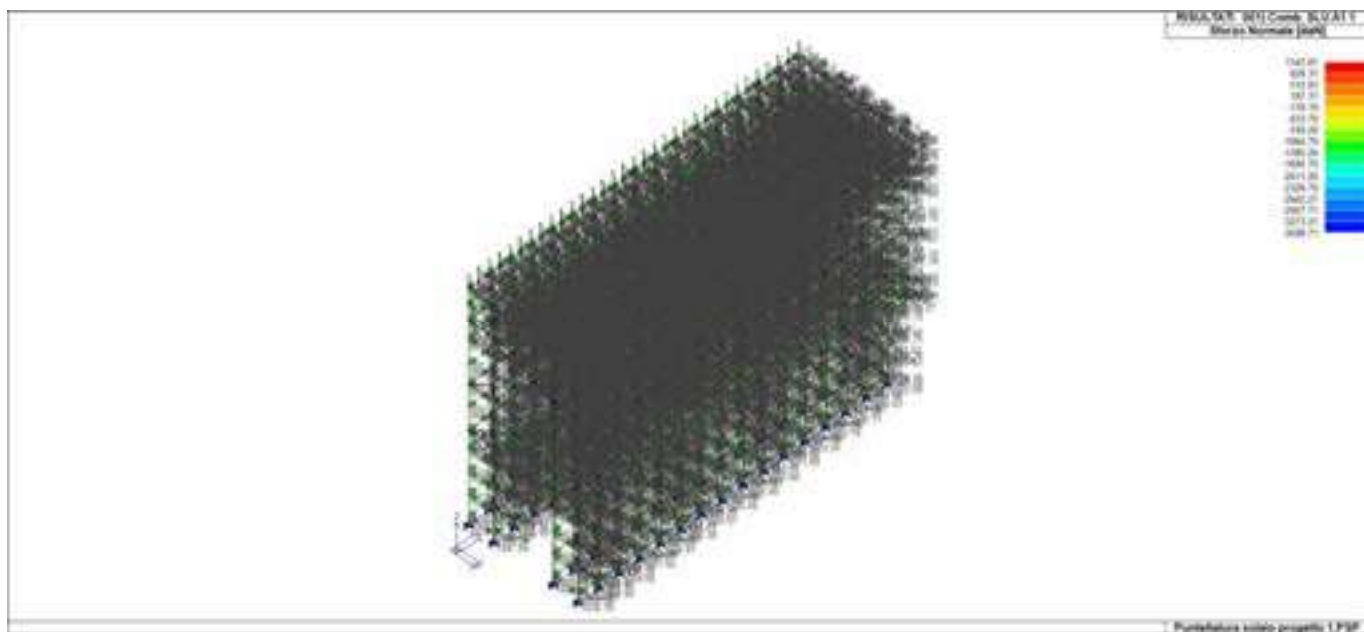
43_RIS_M2_005_Comb. SLE(perm.) 5



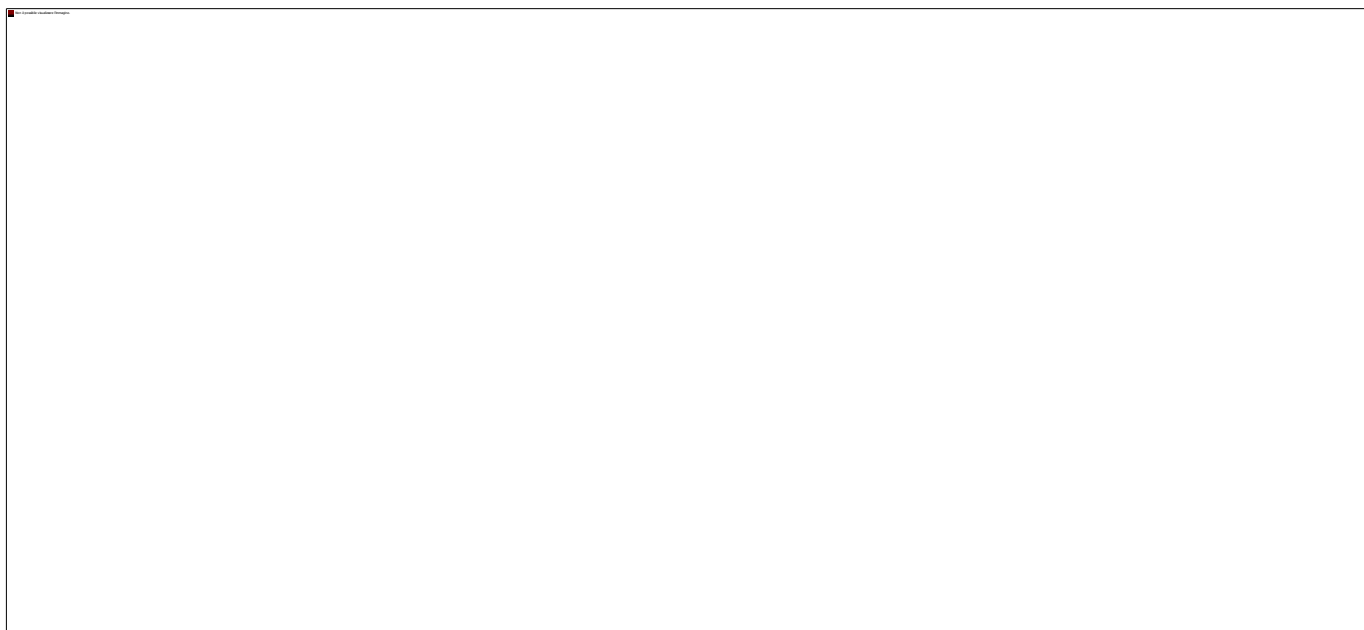
43_RIS_M3_001_Comb. SLU A1 1



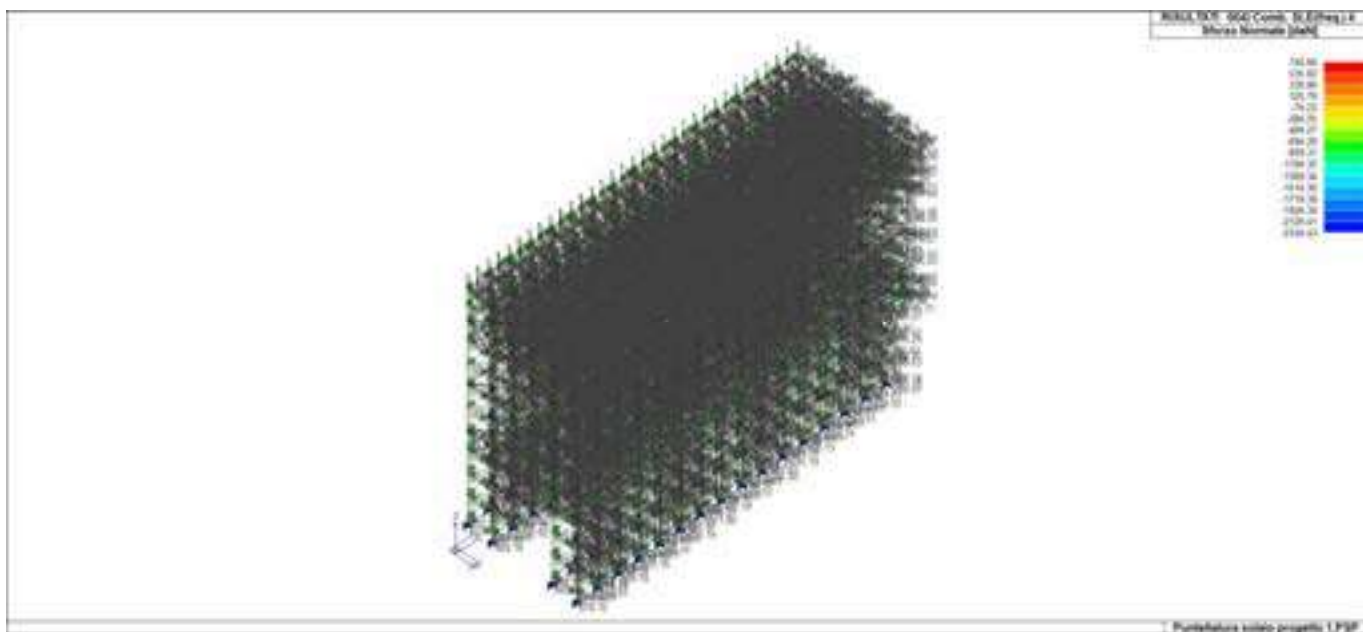
43_RIS_M3_003_Comb. SLE(rara) 3



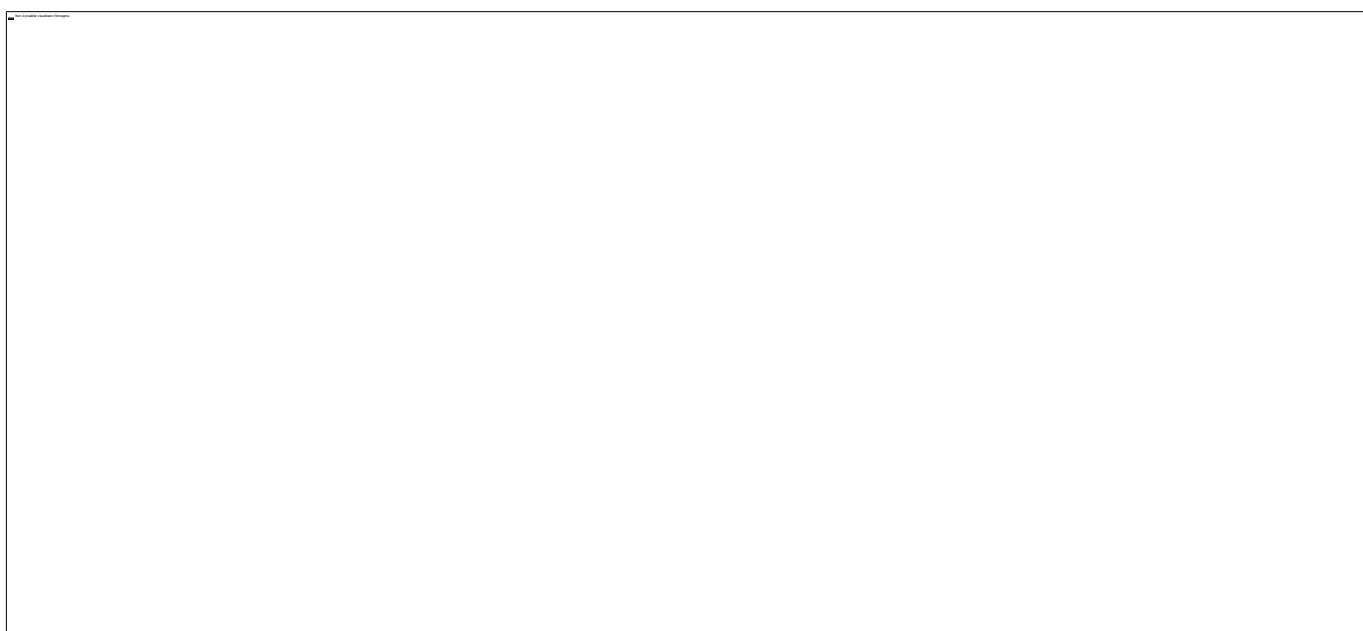
43_RIS_N_001_Comb. SLU A1 1



43_RIS_N_003_Comb. SLE(rara) 3



43_RIS_N_004_Comb. SLE(freq.) 4



43_RIS_N_005_Comb. SLE(pern.) 5

Avellino 15/03/2023

Il Progettista

Prof. Ing. Michele Candela

