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di approvazione regionale L. 24 / 87

D.P.R. 509/97
Decr. Min. Trasporti e Navigazione 14.04.98
Conf. Servizi L. 241/90 e s.m.i.

PROGETTO PER LA TRASFORMAZIONE URBANISTICA DEI CANTIERI NAVALI RODRIQUEZ IN UN PORTO TURISTICO CON ANNESSE STRUTTURE PUBBLICHE, RICETTIVE, RESIDENZIALI E PRODUTTIVE



PROGETTO DEFINITIVO

PROGETTO STRUTTURALE

RISTORANTE DARSENA

OPERA	FASE	SETTORE	TAVOLA N°	REV	FILE
OA	PD	ST	D201		

Rif. Dis.	Data	Rev.	DESCRIZIONE	SCALA
	GIUGNO 2012	0	CALCOLI STRUTTURALI	

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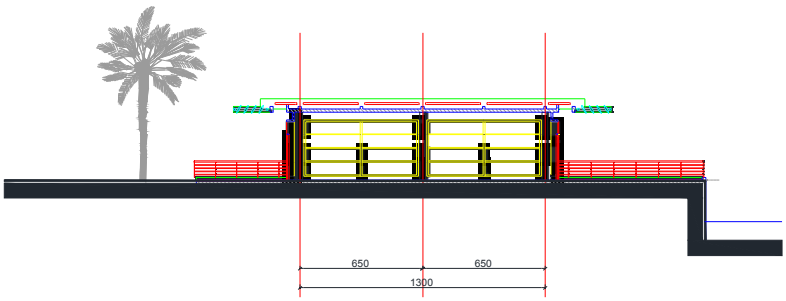
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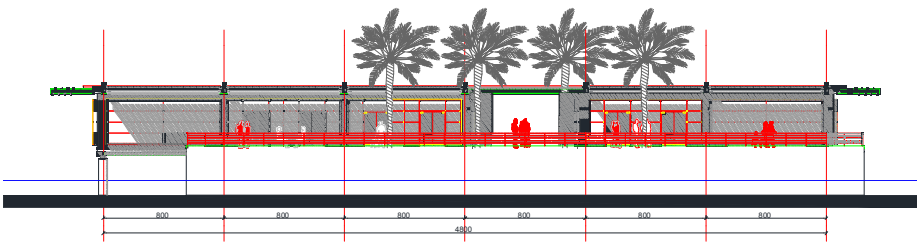
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1 PREMESSE

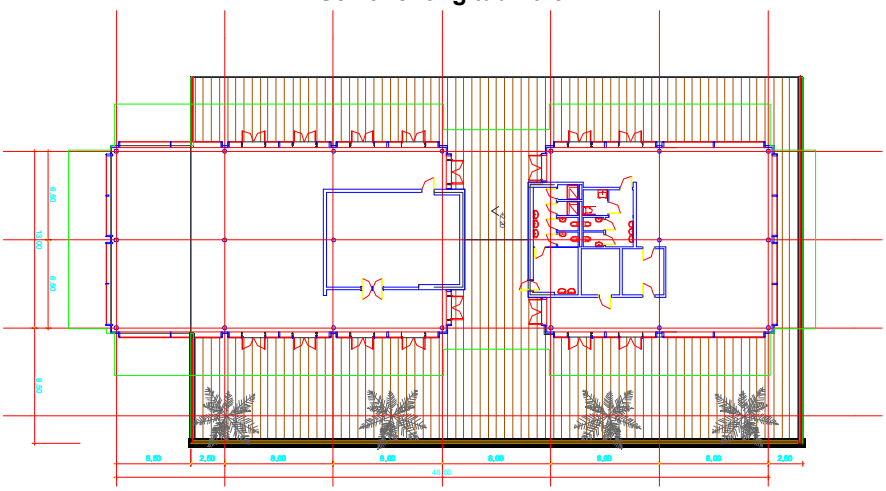
La presente relazione riporta e commenta l'analisi di dimensionamento del ristorante in acciaio posto sulla darsena, opera prevista nel quadro di realizzazione del progetto definitivo per la trasformazione urbanistica e produttiva dei Cantieri Navali Rodriquez a Pietra Ligure, con annesse strutture pubbliche, ricettive, residenziali e portuali diportistiche.
Si tratta di una struttura metallica ad un piano di dimensioni regolari in pianta (circa 13m x 48 m), di altezza utile interna misurata dall'estradosso della fondazione pari a 4.0 m. La copertura, a sostegno di pannelli solari, è composta da una lamiera grecata con getto collaborante del tipo HI Bond 55/P600 di altezza 55mm e spessore 1.0 mm che si appoggia su un reticolo di travi HEA 240; le colonne circolari in acciaio hanno diametro esterno 298.5 mm e spessore 5.9 mm. La fondazione che si appoggia sul terreno di colmata, è realizzata mediante platea su pali per raggiungere migliori caratteristiche di resistenza.



Sezione trasversale



Sezione longitudinale



Pianta

In base alla nuova normativa sismica contenuta nelle *"Norme Tecniche per le Costruzioni"*, si attribuisce all'opera una vita nominale di 50 anni (tipo di costruzione 2: opere ordinarie, ponti, opere infrastrutturali e dighe di dimensioni contenute o di importanza normale) ed una classe d'uso III: il periodo di riferimento per l'azione sismica risulta pertanto pari a 75 anni.

Per ulteriori dettagli si rimanda agli elaborati grafici di progetto.

2 NORMATIVA DI RIFERIMENTO E RIFERIMENTI BIBLIOGRAFICI

I calcoli sviluppati nel seguito sono stati svolti nello spirito del metodo *"agli Stati Limite"* e nel rispetto della normativa vigente; in particolare si sono osservate le prescrizioni contenute nelle seguenti normative.

2.1 Normativa emessa dallo stato italiano

- Ministero delle Infrastrutture - D.M. 14/01/2008: "Nuove norme tecniche per le costruzioni";

  Legge n.1086 del 05/11/1971: "Norme per la disciplina delle opere di conglomerato cementizio armato, normale e precompresso ed a struttura metallica";

- Legge n.64 del 02/02/1974: "Provvedimenti per le costruzioni con particolari prescrizioni per le zone sismiche";

  Circ.Min. n°617 del 02/02/2009: "Istruzioni per l'applicazione delle Norme tecniche per le costruzioni di cui al D.M. 14 gennaio 2008";

- Consiglio Superiore dei Lavori Pubblici - Servizio Tecnico Centrale (febbraio 2008): "Linee guida per la messa in opera del calcestruzzo strutturale e per la valutazione delle caratteristiche meccaniche del calcestruzzo indurito mediante prove non distruttive";

- Ministero dei LL.PP. - D.M. 11/03/1988: "Norme tecniche riguardanti le indagini sui terreni e sulle rocce, la stabilità dei pendii naturali e delle scarpate, i criteri generali e le prescrizioni per la progettazione, l'esecuzione e il collaudo delle opere di sostegno delle terre e delle opere di fondazione";

  Ministero dei LL.PP. - Circ. n°30483 del 24/09/1988: Istruzioni per l'applicazione delle "Norme tecniche riguardanti le indagini sui terreni e sulle rocce, la stabilità dei pendii naturali e delle scarpate, i criteri generali e le prescrizioni per la progettazione, l'esecuzione e il collaudo delle opere di sostegno delle terre e delle opere di fondazione".

2.2 Normativa emessa da enti pubblici

- **CNR-10016/2000:** "Travi composte in acciaio e calcestruzzo: istruzioni per l'impiego nelle costruzioni";

  CNR-10011/97: "Costruzioni in acciaio: Istruzioni per il calcolo, l'esecuzione, il collaudo, la manutenzione";

- **CNR-10030/87:** "Anime irrigidite di travi a parete piena";

  CNR-10018/85: "Apparecchi d'appoggio in gomma e PTFE nelle costruzioni: Istruzioni per il calcolo e l'impiego";

- **CNR-DT 207/2008:** "Istruzioni per la valutazione delle azioni e degli effetti del vento sulle costruzioni";

- **UNI EN 197-1:** "Cemento - Composizione, specificazioni e criteri di conformità per cementi comuni.

  UNI EN 206-1: "Calcestruzzo - Specificazioni, prestazioni, produzione e conformità".

- **UNI 11104/2004:** "Calcestruzzo - Specificazione, prestazione, produzione e conformità – Istruzioni complementari per l'applicazione della EN 206-1".

2.3 Riferimenti bibliografici

Castellani: **Costruzioni in zona sismica**
Masson Italia Editori 1983

Migliacci – F. Mola: **Progetto agli stati limite delle strutture in c.a.**
Masson Italia Editori 1985

C. Cestelli Guidi: **Geotecnica e tecnica delle fondazioni**
Ulrico Hoepli Editore 1987

R. Lancellotta: **Geotecnica**
Edizioni Zanichelli 1987

Ballio G., Mazzolani F.M.**Strutture in acciaio** *Ulrico Hoepli Editore – 2000*

Bowles J.E.: **Fondation Analysis and Design 4th edition**
McGraw-Hill – New York, 1988

Edward L. Wilson: **Three dimensional Static and Dynamic Analysis of Structures**
A physical approach with emphasis on earthquake engineering
CSI Berkeley CA, USA 1998

3 PROGRAMMI PER L'ANALISI AUTOMATICA

CDM DOLMEN e omnia IS rel. 11.0.0
Programma di calcolo ad elementi finiti monodimensionali, bidimensionali e tridimensionali, strutturale e geotecnico.

4 CARATTERISTICHE DEI MATERIALI

4.1 Acciaio per carpenteria metallica

Si utilizza un acciaio strutturale resistente agli agenti atmosferici tipo **S-355 J0**, conforme alle norme UNI EN 10025-2, con le seguenti caratteristiche meccaniche:

Modulo elastico	E =	210000	N/mm^2
Tensione caratteristica di snervamento (t ≤ 40 mm)	f_{yk} =	355.00	N/mm^2
Tensione caratteristica di rottura (t ≤ 40 mm)	f_{tk} =	510.00	N/mm^2
Coefficiente di sicurezza per resistenza membrature	γ_{M0} =	1.05	--
Coefficiente di sicurezza per instabilità nei ponti	γ_{M1} =	1.10	--
Resistenza, nei riguardi della frattura, delle sezioni tese	γ_{M2} =	1.25	--
Resistenza di calcolo membrature (t ≤ 40 mm)	f_d =	338.10	N/mm^2
Resistenza di calcolo per instabilità (t ≤ 40 mm)	f_d =	322.73	N/mm^2
Resistenza di calcolo sezioni tese (t ≤ 40 mm)	f_d =	284.00	N/mm^2

4.2 Saldature

In base a quanto riportato in D.M. 14/01/2008 paragrafo 11.3.4.5, la saldatura degli acciai dovrà avvenire con uno dei procedimenti all'arco elettrico codificati secondo la norma UNI EN ISO 4063:2001.
In particolare tutte le saldature delle membrature principali dovranno essere a **completo ripristino di I classe**.
Le saldature delle orditure secondarie saranno **a cordoni d'angolo continue**, con spessore di gola minimo pari a 0.7 volte lo spessore minimo da unire.

4.3 Unioni bullonate

Si utilizzano bulloni ad alta resistenza di **classe 10.9**.
Per le caratteristiche meccaniche si fa riferimento a quanto riportato nel paragrafo 11.3.4.6.1 del D.M. 14/01/2008.

4.4 Calcestruzzo per getti in opera elevazioni Rck ≥ 40 N/mm2

Classe di esposizione	XS1
Rapporto massimo acqua/cemento	0.50
Classe di resistenza	C32/40
Contenuto minimo di cemento	340
Tipo di cemento	CEM I÷II
Slump	S4
Diametro massimo inerte	16 mm

Classe di Resistenza				**C32/40**	
Resistenza caratteristica a compressione cubica	R_{ck} =			**40.00**	N/mm^2
Resistenza caratteristica a compressione cilindrica	f_{ck} =	$0.83 \times R_{ck}$	=	33.20	N/mm^2
Resistenza media a compressione cilindrica	f_{cm} =	$f_{ck}+8$	=	41.20	N/mm^2
Modulo elastico	E_c =	$22000 \times (f_{cm}/10)^{0.3}$	=	33642.78	N/mm^2
Resistenza a trazione semplice	f_{ctm} =	$0.30 \times f_{ck}^{2/3}$	=	3.10	N/mm^2
Resistenza a trazione caratteristica (frattile 5%)	f_{ctk} =	$0.70 \times f_{ctm}$	=	2.17	N/mm^2
Stato Limite Ultimo					
Coefficiente parziale di sicurezza	γ_C =			1.50	--

Coefficiente riduttivo per resistenze di lunga durata	α_{cc}	=		0.85	--
Resistenza a compressione di calcolo	f_{cd}	=	$\alpha_{cc} \cdot f_{ck}/\gamma_C$	= 18.81	N/mm^2
Resistenza a trazione di calcolo	f_{ctd}	=	f_{ctk}/γ_C	= 1.45	N/mm^2
Stato Limite di Esercizio					
Tensione max di compressione - Comb. rara	σ_c	<	$0.60 \cdot f_{ck}$	= 19.92	N/mm^2
Tensione max di compressione - Comb. quasi permanente	σ_c	<	$0.45 \cdot f_{ck}$	= 14.94	N/mm^2

4.5 Calcestruzzo per getti in opera parti interrate Rck ≥ 45 N/mm2

Classe di esposizione	XS2
Rapporto massimo acqua/cemento	0.45
Classe di resistenza	C35/45
Contenuto minimo di cemento	360
Tipo di cemento	CEM I÷II
Slump	S4
Diametro massimo inerte	16 mm

Classe di Resistenza				**C35/45**	
Resistenza caratteristica a compressione cubica	R_{ck}	=		**45.00**	N/mm^2
Resistenza caratteristica a compressione cilindrica	f_{ck}	=	$0.83 \cdot R_{ck}$	= 37.35	N/mm^2
Resistenza media a compressione cilindrica	f_{cm}	=	$f_{ck}+8$	= 45.35	N/mm^2
Modulo elastico	E_c	=	$22000 \cdot (f_{cm}/10)^{0.3}$	= 34625.49	N/mm^2
Resistenza a trazione semplice	f_{ctm}	=	$0.30 \cdot f_{ck}^{2/3}$	= 3.35	N/mm^2
Resistenza a trazione caratteristica (frattile 5%)	f_{ctk}	=	$0.70 \cdot f_{ctm}$	= 2.35	N/mm^2
Stato Limite Ultimo					
Coefficiente parziale di sicurezza	γ_C	=		1.50	--
Coefficiente riduttivo per resistenze di lunga durata	α_{cc}	=		0.85	--
Resistenza a compressione di calcolo	f_{cd}	=	$\alpha_{cc} \cdot f_{ck}/\gamma_C$	= 21.17	N/mm^2
Resistenza a trazione di calcolo	f_{ctd}	=	f_{ctk}/γ_C	= 1.56	N/mm^2
Stato Limite di Esercizio					
Tensione max di compressione - Comb. rara	σ_c	<	$0.60 \cdot f_{ck}$	= 22.41	N/mm^2
Tensione max di compressione - Comb. quasi permanente	σ_c	<	$0.45 \cdot f_{ck}$	= 17.93	N/mm^2

4.6 Calcestruzzo magro per sottofondazioni Rck ≥ 15 N/mm2

Classe di esposizione	X0
Rapporto massimo acqua/cemento	-
Classe di resistenza	C12/15
Contenuto minimo di cemento	150 kg/m^3
Tipo di cemento	CEM I÷V
Slump	-
Diametro massimo inerte	32 mm

4.7 Acciaio ordinario per armatura lenta B450C

Tensione caratteristica di rottura (frattile 5%)	f_{tk}	=		540.00	N/mm^2
Tensione caratteristica di snervamento (frattile 5%)	f_{yk}	=		450.00	N/mm^2
Stato Limite Ultimo					
Coefficiente parziale di sicurezza	γ_S	=		1.15	--
Resistenza a trazione di calcolo	f_{yd}	=	f_{yk}/γ_S	= 391.30	N/mm^2
Stato Limite di Esercizio					
Tensione massima di trazione	σ_s	<	$0.80 \cdot f_{yk}$	= 360.00	N/mm^2

5 CARATTERIZZAZIONE GEOTECNICA

5.1 Caratterizzazione dei terreni

Nel seguito del documento si farà costante riferimento a quanto riportato nella Relazione Geologica e nella relazione geotecnica, della quale nel seguito si riportano le tabelle riassuntive.

Sabbie ghiaiose I tra 1 e 3 metri dal p.c..

Tale strato è costituito da sabbie ghiaiose per le quali possono essere assunti i seguenti valori geotecnici medi.

Parametri	Simbolo	Unità	Valori medi
Peso di volume naturale medio	γ	KN/m^3	19
Angolo di attrito interno medio	ø	°	30
Angolo di attrito interno medio a volume costante[2]	$ø_{cv}$	°	25
Coesione efficace media	c'	KPa	0
Densità relativa media	Dr	%	75
Coefficiente di Poisson medio	μ	---	0.49
Modulo edometrico medio	Ed	MPa	15
Modulo Young medio	Es	MPa	30
Velocità delle onde S media	Vs	m/sec	175

Ghiaie sabbiose tra 3 e 5 m dal p.c..

Tale strato è costituito da ghiaie sabbiose per le quali possono essere assunti i seguenti valori geotecnici.

Parametri	Simbolo	Unità	Valori medi
Peso di volume naturale medio	γ	KN/m^3	19
Angolo di attrito interno medio	ø	°	33
Angolo di attrito interno medio a volume costante[3]	$ø_{cv}$	°	26
Coesione efficace media	c'	KPa	0
Densità relativa media	Dr	%	85
Coefficiente di Poisson medio	μ	---	0.49
Modulo edometrico medio	Ed	MPa	30
Modulo Young medio	Es	MPa	45
Velocità delle onde S media	Vs	m/sec	175

Sabbie medio fini/fini tra 5 e 12 m dal p.c..

Tale strato è costituito da sabbie medio fini e fini per le quali possono essere assunti i seguenti valori geotecnici.

Parametri	Simbolo	Unità	Valori medi
Peso di volume naturale medio	γ	KN/m^3	19
Angolo di attrito interno medio	ø	°	30
Angolo di attrito interno medio a volume costante[4]	$ø_{cv}$	°	25
Coesione efficace media	c'	KPa	0
Densità relativa media	Dr	%	45
Coefficiente di Poisson medio	μ	---	0.49
Modulo edometrico medio	Ed	MPa	14
Modulo Young medio	Es	MPa	28
Velocità delle onde S media	Vs	m/sec	250

Sabbie tra 12 e 17 m dal p.c..

Tale strato è costituito da sabbie per le quali possono essere assunti i seguenti valori geotecnici.

Parametri	Simbolo	Unità	Valori medi
Peso di volume naturale medio	γ	KN/m^3	19
Angolo di attrito interno medio	ø	°	31
Angolo di attrito interno medio a volume costante[5]	$ø_{cv}$	°	25
Coesione efficace media	c'	KPa	0
Densità relativa media	Dr	%	60
Coefficiente di Poisson medio	μ	---	0.49
Modulo edometrico medio	Ed	MPa	30
Modulo Young medio	Es	MPa	45
Velocità delle onde S media	Vs	m/sec	350

Sabbie ghiaiose II tra 17 e 23 m dal p.c..

Tale strato è costituito da sabbie ghiaiose per le quali possono essere assunti i seguenti valori geotecnici.

Parametri	Simbolo	Unità	Valori medi
Peso di volume naturale medio	γ	KN/m^3	19
Angolo di attrito interno medio	ø	°	31
Angolo di attrito interno medio a volume costante[6]	$ø_{cv}$	°	25
Coesione efficace media	c'	KPa	0
Densità relativa media	Dr	%	60
Coefficiente di Poisson medio	μ	---	0.45
Modulo edometrico medio	Ed	MPa	30
Modulo Young medio	Es	MPa	45
Velocità delle onde S media	Vs	m/sec	550

Sabbie ghiaiose ciottolose tra 23 e 30 m dal p.c..

Tale strato è costituito da sabbie ghiaiose per le quali possono essere assunti i seguenti valori geotecnici.

Parametri	Simbolo	Unità	Valori medi
Peso di volume naturale medio	γ	KN/m^3	21
Coefficiente di Poisson medio	μ	---	0.40
Velocità delle onde S media	Vs	m/sec	650

Il substrato roccioso, individuato per mezzo della geofisica, è suddivisibile in tre distinti e come di seguito descritti.

Bedrock I.

Parametri	Simbolo	Unità	Valori medi
Peso di volume naturale medio	γ	KN/m^3	22
Coefficiente di Poisson medio	μ	---	0.35
Velocità delle onde S media	Vs	m/sec	850

Bedrock II.

Parametri	Simbolo	Unità	Valori medi
Peso di volume naturale medio	γ	KN/m^3	23
Coefficiente di Poisson medio	μ	---	0.30
Velocità delle onde S media	Vs	m/sec	1200

Bedrock III.

Parametri	Simbolo	Unità	Valori medi
Peso di volume naturale medio	γ	KN/m^3	24
Coefficiente di Poisson medio	μ	---	0.25
Velocità delle onde S media	Vs	m/sec	2200

La quota della falda è pari a 2 metri al di sotto del p.c.

6 CRITERI DI VERIFICA PER IL CLS

6.1 Verifiche agli Stati Limite Ultimi

6.1.1 Verifica per sollecitazioni di presso/tenso-flessione

Come previsto dal DM 14.01.2008 al § 4.1.2.1.2.4 con riferimento alla generica sezione la verifica di resistenza allo SLU si esegue controllando che:

$$M_{Rd} - M_{Rd}(N_{Ed}) \geq M_{Ed}$$

dove:

- M_{Rd} è il valore di calcolo del momento resistente corrispondente a N_{Ed};
- N_{Ed} è il valore di calcolo della componente assiale (sforzo normale) dell'azione;
- M_{Ed} è il valore di calcolo della componente flettente dell'azione.

6.1.2 Verifica per sollecitazione tagliante

Per la verifica a sollecitazione tagliante si esegue dapprima la verifica degli *elementi senza armature resistenti a taglio,* secondo quanto previsto dal Ministero delle Infrastrutture nel D.M. 14.01.2008 al punto 4.1.2.1.3.1.
Indicato con V_{Ed} il valore di calcolo dello sforzo di taglio agente allo SLU, si verifica controllando che risulti:

$$V_{Ed} \leq V_{Rd} \quad \max\left[\left(0.18 \cdot k \cdot \frac{\sqrt[3]{100 \cdot \rho_l \cdot f_{ck}}}{\gamma_c} + 0.15 \cdot \sigma_{cp}\right) \cdot b_w \cdot d;\ (v_{min} + 0.15 \cdot \sigma_{cp}) \cdot b_w \cdot d\right]$$

dove:

$k = 1 + \sqrt{\frac{200}{d}} \leq 2$ con d altezza utile della sezione espressa in mm

$v_{min} \quad 0.035 \cdot \sqrt{k^3} \cdot \sqrt{f_{ck}}$

$\rho_l = \frac{A_{sl}}{b_w \cdot d} \leq 0.02$ con b_w larghezza minima della sezione espressa in mm

$\sigma_{cp} = \frac{N_{Ed}}{A_c} \leq 0.2 \cdot f_{cd}$ tensione media di compressione nella sezione

Qualora la verifica non andasse a buon fine è necessario ricorrere ad *elementi provvisti di armature resistenti a taglio* secondo quanto previsto al punto 4.1.2.1.3.2 del già citato D.M..
Con riferimento all'armatura trasversale, la resistenza di calcolo a "*taglio-trazione*" si calcola con:

$$V_{Rsd} \quad 0.9 \cdot d \cdot \frac{A_{sw}}{s} \cdot f_{yd} \cdot (\mathrm{ctg}\,\alpha + \mathrm{ctg}\,\vartheta) \cdot \sin\alpha$$

Con riferimento al calcestruzzo d'anima, la resistenza di calcolo a "*taglio-compressione*" si calcola con:

$$V_{Rcd} \quad 0.9 \cdot d \cdot b_w \cdot \alpha_c \cdot f'_{cd} \cdot \frac{\mathrm{ctg}\,\alpha + \mathrm{ctg}\,\vartheta}{1 + \mathrm{ctg}^2\vartheta}$$

La resistenza a taglio dell'elemento strutturale è la minore delle due sopra definite:

$$V_{Rd} \quad \min(V_{Rsd}; V_{Rcd})$$

Nelle precedenti espressioni, i nuovi parametri, introdotti rispetto al caso di elementi sprovvisti di armatura a taglio, assumono il seguente significato:

ϑ	inclinazione dei puntoni di calcestruzzo rispetto all'asse dell'elemento con la limitazione $1.0 \leq \text{ctg}\,\vartheta \leq 2.5$
α	inclinazione dell'armatura trasversale rispetto all'asse dell'elemento
A_{sw}	area dell'armatura trasversale
s	interasse tra due armature trasversali consecutive
$f'_{cd} = 0.5 \cdot f_{cd}$	resistenza a compressione ridotta del calcestruzzo d'anima
α_c	coefficiente maggiorativi pari a:

1	per membrature non compresse
$1 + \sigma_{cp}/f_{cd}$	per $0 \leq \sigma_{cp} < 0.25 \times f_{cd}$
1.25	per $0.25\, f_{cd} \leq \sigma_{cp} \leq 0.5 \times f_{cd}$
$2.5 \times (1-\sigma_{cp}/f_{cd})$	per $0.5 \times f_{cd} < \sigma_{cp} < f_{cd}$

6.2 Verfifiche agli Stati Limite di esercizio

Le verifiche agli SLE si risolvono nel controllare che i valori di tensione nei materiali siano inferiori ai limiti di normativa (punto 4.1.2.2.5 del D.M. 14.01.2008).

- Calcestruzzo compresso:
  - Combinazione rara $\sigma_c < 0.60 \times f_{ck}$ per cls R_{ck} 40 $\rightarrow \sigma_c < 19.92$ N/mm^2
  - Combinazione quasi permanente $\sigma_c < 0.45 \times f_{ck}$ per cls R_{ck} 40 $\rightarrow \sigma_c < 14.94$ N/mm^2
- Acciaio teso:
  - Combinazione rara $\sigma_s < 0.80 \times f_{yk}$ per acciaio B450 $\rightarrow \sigma_s < 360.0$ N/mm^2

6.3 Verifiche a fessurazione

6.3.1 Premessa

Viene eseguita la verifica allo stato limite di apertura delle fessure con riferimento al D.M. 14.01.2008 "Norme Tecniche per le Costruzioni" (§ 4.1.2.2.4).
Prima di procedere alle verifiche a fessurazione è necessario definire delle apposite combinazioni di carico ed effettuare una valutazione relativa al grado di protezione delle armature metalliche contro la corrosione (in termini di condizioni ambientali e sensibilità delle armature stesse alla corrosione).
Si distinguono i seguenti casi (riportati nella tabella 4.1.II del D.M. 14.01.2008):

- ***Combinazioni di azioni:***
  - Frequente (indicata con FR);
  - Quasi Permanente (indicata con QP).
- ***Condizioni ambientali:***
  - Ordinarie;
  - Aggressive;
  - Molto Aggressive.
- ***Sensibilità delle armature alla corrosione:***
  - Sensibili (acciai da precompresso);
  - Poco sensibili (acciai ordinari).

Come criteri di scelta dello stato limite di fessurazione si fa riferimento alla tabella di seguito riportata.

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

	aggressive	quasi perman.	decompressione	-	apertura fessure	$\leq w_1$

Si considerano i seguenti valori limite di apertura delle fessure: w_1 = 0.2 mm;
w_2 = 0.3 mm;
w_3 = 0.4 mm.

Con l'ausilio del programma di calcolo "STS Stati Limite", si procede al calcolo del valore caratteristico dell'ampiezza della fessura w_d, confrontandolo con i valori limite precedentemente definiti.

Il calcolo è condotto attraverso i seguenti passaggi:
- Valutazione della distanza media tra le fessure (Δ_{sm});
- Valutazione della deformazione media delle barre d'armatura (ε_{sm});
- Valutazione dell'ampiezza delle fessure (valore medio e valore di calcolo).

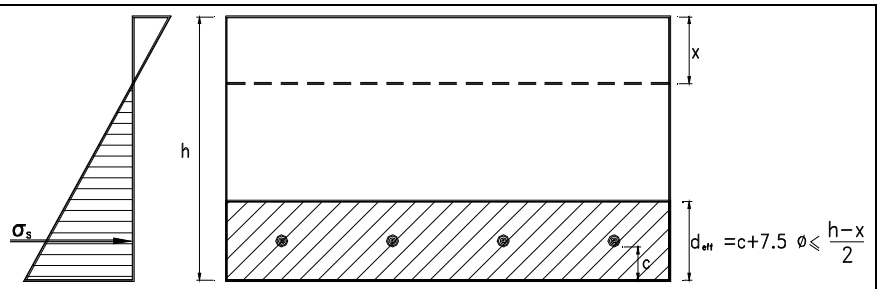
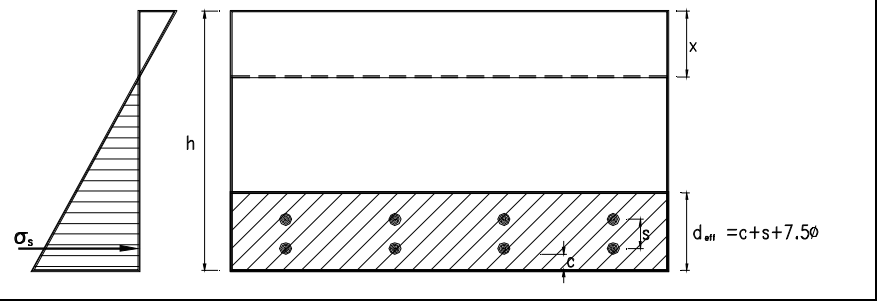
Per il calcolo di Δ_{sm} e ε_{sm} si utilizzano criteri consolidati riportati nella letteratura tecnica: in particolare si fa riferimento alla Circolare del Ministero dei Lavori Pubblici n°252 del 15/10/1996 (*"Istruzioni relative alle Norme Tecniche per l'esecuzione delle opere in cemento armato normale e precompresso e per le strutture metalliche di cui al D.M. 09.01.1996"*).

In base alla tabella 4.1.III del D.M. 14.01.2008, le classi di esposizione individuate per le opere in esame riconducono a condizioni ambientali del tipo "Aggressive" e "Molto aggressive". Pertanto, secondo la tabella 4.1.IV:

Gruppi di esigenze	**Condizioni ambientali**	**Combinazione**	**Armatura poco sensibile**	
			Stato Limite	**w_d**
b	Aggressive (XS1)	Frequente	Apertura fessure	$\leq w_2$ = 0.3 mm
		Quasi permanente	Apertura fessure	$\leq w_1$ = 0.2 mm
c	Molto Aggressive (XS2)	Frequente	Apertura fessure	$\leq$ w2 = 0.2 mm
		Quasi permanente	Apertura fessure	$\leq$ w1 = 0.2 mm

6.3.2 Valutazione della distanza media tra le fessure

Si definisce l'area efficace A_{ceff} come l'area di calcestruzzo entro la quale la barra di acciaio può effettivamente influenzare l'apertura della fessura. In base alle indicazioni riportate nella Circ. Min. LL.PP. n°252, si definisce l'altezza efficace con riferimento agli schemi di seguito riportati.

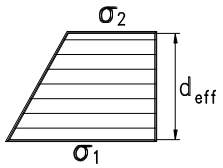
Caso 1: Lembo teso con un solo ordine di tondini d'armatura.	
Caso 2: Lembo teso con più livelli di tondini d'armatura.	

La distanza media tra le fessure, per la condizione di fessurazione stabilizzata in corrispondenza del livello baricentrico dell'armatura all'interno dell'area efficace, è data da:

$$A_{sm} \quad 2 \cdot \left(c + \frac{s}{10} \right) + k_2 \cdot k_3 \cdot \frac{\phi}{\rho_r}$$

dove:

- c = ricoprimento dell'armatura (copriferro netto);
- s = distanza tra le barre d'armatura; se $s > 14 \cdot \phi$ si adotterà $s = 14 \cdot \phi$;
- ϕ = diametro della barra;
- k_2 = coefficiente che caratterizza l'aderenza del cls alla barra, a cui si assegnano i seguenti valori:
  - 0.4 per barre ad aderenza migliorata;
  - 0.8 per barre lisce.
- k_3 = coefficiente che tiene conto della forma del diagramma delle tensioni prima della fessurazione, in base al seguente prospetto:
  - 0.125 (caso di diagramma triangolare di flessione e pressoflessione);
  - 0.250 (caso di trazione pura);
  - $0.25 \cdot \frac{\sigma_1 + \sigma_2}{2 \cdot \sigma_1}$ (caso di trazione eccentrica o in cui si consideri una sola parte della sezione):



  - σ_1, σ_2 = trazione nel cls teso;
  - $\rho_r = A_s / A_{ceff}$ = rapporto geometrico d'armatura (con A_s = area della sezione di acciaio posta nell'area A_{ceff}).

6.3.3 Valutazione della deformazione media delle barre d'armatura

La deformazione media delle barre d'armatura ε_{sm} è valutata secondo la seguente espressione che tiene conto del contributo del calcestruzzo teso che la circonda:

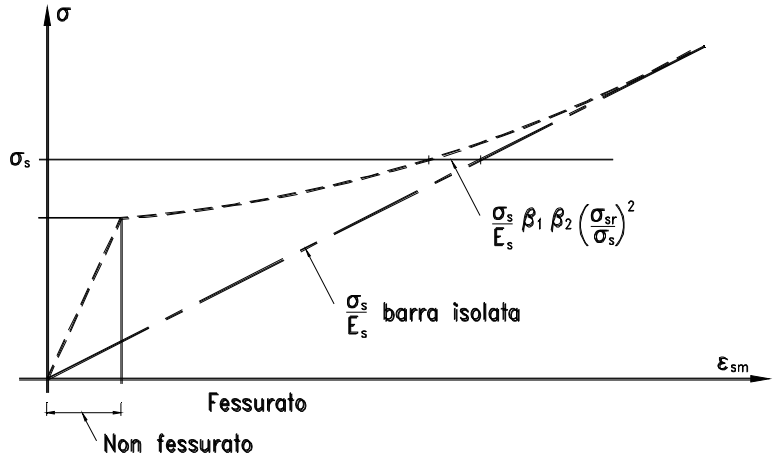
$$\varepsilon_{sm} - \frac{\sigma_s}{E_s} \left| 1 - \beta_1 \cdot \beta_2 \cdot \left(\frac{\sigma_{sr}}{\sigma_s} \right)^2 \right| \geq 0.4 \cdot \frac{\sigma_s}{E_s}$$

dove:

- σ_s = tensione nell'acciaio calcolata nella sezione fessurata;
- σ_{sr} = tensione nell'acciaio calcolata nella sezione fessurata per la sollecitazione corrispondente al raggiungimento della resistenza media a trazione f_{ctm} nella fibra di cls più sollecitata in sezione interamente reagente, compresa nell'area efficace.
- β_1 = coefficiente rappresentativo dell'aderenza acciaio-cls, che assume i valori:
  - 1.0 (caso di barre ad aderenza migliorata);
  - 0.5 (caso di barre lisce).
- β_2 = coefficiente che tiene conto delle condizioni di sollecitazione:
  - 1.0 (caso della prima applicazione di una forza di breve durata);
  - 0.5 (caso di azioni di lunga durata o nel caso di azioni ripetute).
- E_s = modulo elastico dell'acciaio delle barre di armatura.

In pratica si tratta di trovare i valori dell'azione assiale N e del momento flettente M (che stiano nello stesso rapporto delle sollecitazioni della combinazione di carico considerata) che portano il calcestruzzo teso della sezione completamente reagente a lavorare al suo limite. Una volta valutati, si opera la verifica della sezione parzializzata e si ricava il valore dello sforzo nell'acciaio teso.

Nella figura seguente si propone il diagramma della deformazione ε_{sm} in funzione della tensione σ_s.



Andamento della deformazione ε_{sm} in funzione della tensione σ_s

6.3.4 Valutazione dell'ampiezza delle fessure (valore medio e valore di calcolo)

L'ampiezza media delle fessure è calcolata come prodotto della deformazione media delle barre d'armatura ε_{sm} per la distanza media tra le fessure A_{sm}:

$$w_m \quad \varepsilon_{sm} \cdot A_{sm}$$

Si ricava quindi il valore di calcolo di apertura delle fessure, da confrontare con i valori nominali w_1, w_2 e w_3 riportati precedentemente:

$$w_d \quad 1.7 \cdot w_m$$

7 CALCOLO DELLA CAPACITÀ PORTANTE DEI PALI E CURVA DI MOBILITAZIONE.

Il seguente calcolo di capacità portante vale per tutti i pali.
Si riporta integralmente il calcolo di capacità portante per la situazione peggiore (coef. di sicurezza minore): Punto maglia PM11, Caso C4 (Stato limite ultimo).

7.1 Descrizione dei metodi di calcolo utilizzati

7.1.1 Descrizione del metodo di calcolo utilizzato per la portata di base.

Il calcolo della portata di base viene effettuato col metodo ***AGI***.
Le "Raccomandazioni sui pali di fondazione" pubblicate dall'AGI nel 1984 contengono le indicazioni per il calcolo della capacità portante di pali di fondazione in terreni sciolti e coesivi, per pali infissi e trivellati. Per terreni sciolti, il metodo si basa sui fattori adimensionali di capacità portante N_c e N_q, funzione dell'angolo di resistenza al taglio φ', e sulla tensione verticale efficace σ'_v agente alla profondità della base z_b. Per terreni coesivi, il metodo si basa sulla resistenza al taglio non drenata s_u, e sulla tensione verticale totale σ_v agente alla profondità della base z_b. Considerazioni di carattere empirico hanno reso evidente la necessità di considerare l'esistenza di una profondità critica z_c. Questo metodo e' applicabile a terreni non coesivi e coesivi, sia per pali infissi (s/D~8÷10%) che per pali trivellati (s/D~25÷30%).
$q_{lim} = N_c\ c' + N_q\ \sigma'_v$ (terreno non coesivo)
$q_{lim} = 9.0\ s_u + \sigma_v$ (terreno coesivo)

7.1.2 Descrizione del metodo di calcolo utilizzato per la portata laterale.

Il calcolo della portata per attrito laterale viene effettuato col metodo ***AGI***.
Le "Raccomandazioni sui pali di fondazione" pubblicate dall'AGI nel 1984 contengono le indicazioni per il calcolo della capacità portante di pali di fondazione in terreni sciolti e coesivi, per pali infissi e trivellati. Per terreni sciolti, l'attrito laterale è valutato in termini di tensioni efficaci, in funzione di un coefficiente di spinta orizzontale k, dell'angolo di attrito palo-terreno μ e della tensione verticale efficace σ'_v. Per terreni coesivi, il metodo si basa sulla resistenza al taglio non drenata s_u, o, in alternativa, sull'angolo di resistenza al taglio φ' e sulla tensione verticale efficace σ'_v. Viene inoltre valutata la profondità critica z_c oltre cui l'attrito rimane costante, secondo il diametro del palo. Questo metodo e' applicabile a terreni non coesivi e coesivi, sia per pali infissi che per pali trivellati.

$f_{s,lim} = \mu\ k\ \sigma'_{v0}$ (terreno non coesivo)
$f_{s,lim} = \alpha\ s_u$ oppure $f_{s,lim} = (1 - \sin\varphi')\ \tan\varphi'\ \sigma'_{v0}$ (terreno coesivo)

7.1.3 Descrizione del metodo di calcolo utilizzato per il modulo di reazione orizzontale.

Il calcolo del modulo di reazione orizzontale viene effettuato col metodo ***Lineare***.
Il valore del modulo di reazione orizzontale varia linearmente con la quota, e viene calcolato come somma di un termine costante (A) piu' un coefficiente (B) moltiplicato per l'approfondimento (z) sotto il piano campagna.

7.1.4 Descrizione del metodo di calcolo utilizzato per la resistenza trasversale laterale.

Il calcolo della resistenza trasversale laterale viene effettuato col metodo ***Broms***.
La teoria pubblicata da Broms nel 1964 propone due approcci differenti per terreni coesivi e non coesivi. Per terreni sciolti, propone una distribuzione di resistenza ultima pari a tre volte la pressione di resistenza passiva valutata secondo la teoria di Rankine, $p_l = 3K_p\sigma'_v$. Per terreni coesivi, propone una distribuzione di p_l che vede un tratto nullo per i primi 1.5 diametri dalla superficie, seguito da un tratto con valore di resistenza pari a $9s_u$ (resistenza al taglio non drenata) per profondità maggiori.
$p_{lim} = 3\ K_p\ \sigma'_{v0}$ (terreno non coesivo)
$p_{lim} = 9\ s_u$ (terreno coesivo)

8 ANALISI DEI CARICHI

Di seguito si riporta una sintesi delle considerazioni svolte per lo studio delle azioni sulla struttura metallica in oggetto.
Principalmente si tratta di considerare gli effetti dell'azione della neve, del vento, l'azione sismica, il peso dei pannelli solari e il carico variabile di manutenzione.
Il calcolo dei carichi per gli elementi strutturali è fatto in modo esplicito, lasciando al codice la valutazione del solo peso proprio delle travi, dei pilastri, in funzione della sezione dell'elemento stesso e del peso specifico ad essi attribuiti.

8.1 Peso proprio

Il peso proprio è valutato in ragione di 25.0 kN/m^3 ed è computato automaticamente dal programma di calcolo.

8.2 Carichi Permanenti

8.2.1 Permanenti sulla fondazione

Sulla fondazione è stato considerato il peso della pavimentazione pari a 3.9 kN/mq

8.2.2 Permanenti sulla copertura

Il carico permanente sulla copertura è costituito dal peso della lamiera grecata, dal peso di eventuali carichi appesi e dal peso dei pannelli solari:

- Permanente lamiera: 2 kN/mq
- Permanente pannelli fotovoltaici: 0.3 kN/mq
- Permanente carichi appesi: 0.5 kN/mq

8.3 Carichi Variabili

8.3.1 Variabili zona commerciale

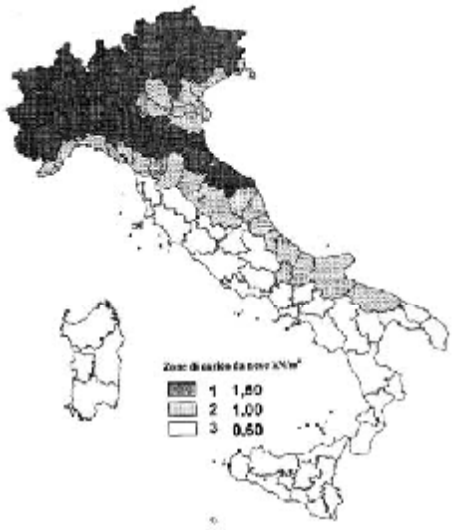
È stato considerato come variabile quello della folla pari a : 4.0 kN/mq

8.3.2 Variabili copertura

È stato considerato come variabile di copertura quello di manutenzione pari a : 0.5 kN/mq

8.4 Azione della neve

Il D.M. 14.01.2008 riporta la modalità per il calcolo dell'entità del carico da neve in relazione alla zona, all'altitudine e al coefficiente di forma della copertura dell'edificio.



Zona II
Arezzo, Ascoli Piceno, Bari, Campobasso, Chieti, Ferrara, Firenze, Foggia, Genova, Gorizia, Imperia, Isernia, La Spezia, Lucca, Macerata, Mantova, Massa Carrara, Padova, Perugia, Pescara, Pistoia, Prato, Rovigo, Savona, Teramo, Trieste, Venezia, Verona.

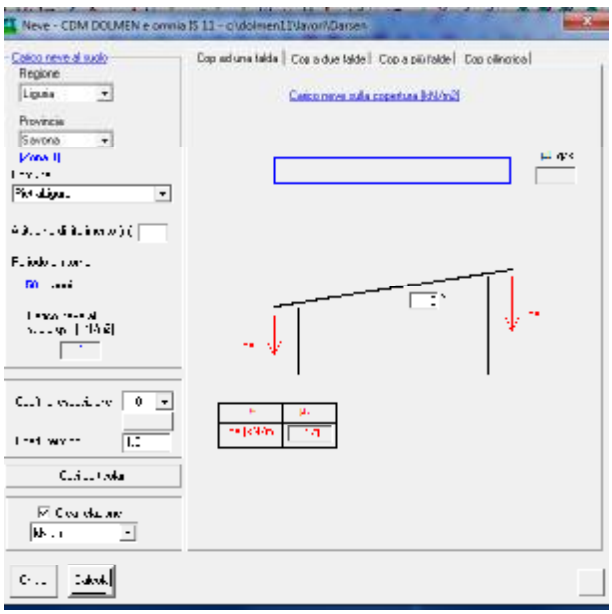
= 1,00 kN/m^2 $a_s \leq 200$ m
= 0.85 + [1+(a_s/481)^2] kN/m^2 $a_s > 200$ m

L'altitudine di riferimento a_s è la quota del suolo sul livello del mare nel sito di realizzazione dell'edificio.

Coefficiente di forma	$0° \leq \alpha \leq 30°$	$30° \leq \alpha \leq 60°$	$\alpha \geq 60°$
μ_1	0,8	$0,8 \cdot \frac{(60-\alpha)}{30}$	0,0

I coefficienti di forma μ_1, si riferiscono alle coperture ad una o due falde.

Il carico da neve che verrà preso in considerazione viene computato automaticamente dal programma e vale:



$$q_s = \mu_i \cdot q_{sk} = 0.8 \times 1.0 = 0.8 \text{ KN/m}^2$$

8.5 Azioni dovute a differenza di temperatura tra estradosso ed intradosso

Per la valutazione dell'azione della temperatura si è fatto riferimento al capitolo 3.5 del D2008. Nel caso degli edifici è consentito considerare la sola componente uniforme della variazione della temperatura; nel caso in esame la temperatura è stata applicata a tutte le strutture metalliche, i valori di tale gradiente sono stati dedotti dalla tabella 3.5.II del D.M.2008, riportata di seguito:

Tabella 3.5.II – *Valori di* ΔT_u *per gli edifici*

Tipo di struttura	ΔT_u
Strutture in c.a. e c.a.p. esposte	± 15 °C
Strutture in c.a. e c.a.p. protette	± 10 °C
Strutture in acciaio esposte	± 25 °C
Strutture in acciaio protette	± 15 °C

Si applicando quindi i seguenti carichi alla struttura:

$$\Delta T \quad \pm 25$$

8.6 Azione sismica

La progettazione strutturale dell'opera in esame è stata eseguita secondo i criteri contenuti e sviluppati nel D.M.14/01/2008 e nella Circolare n°617 del 02.02.2008.

Periodo di riferimento per l'azione sismica
L'accelerazione orizzontale massima attesa al sito dipende dal periodo di riferimento considerato per la definizione dell'azione sismica. Si ritiene di attribuire alla infrastruttura in progetto, ai sensi della tabella 2.4.I del D.M. 14.01.2008, una vita nominale $V_N \geq 50$ anni nonché una classe d'uso III. In base alla tabella 2.4.II il coefficiente d'uso vale $C_U = 1.5$.
Pertanto il periodo di riferimento per l'azione sismica vale:

$$V_R \quad V_N \cdot C_U \quad 50 \times 1.5 \quad 75 \text{ anni}$$

Parametri sismici
I parametri sismici di base sono stati desunti dalla relazione geologica, in particolare, il sito in esame è caratterizzato dai seguenti valori di accelerazione massima attesa a_g su sito di riferimento rigido orizzontale, per i valori di periodi di ritorno T_R associati a ciascuno stato limite:

Stato Limite	T_R [anni]	a_g [g]	F_0 [-]
SLO	45	0.028	2.528
SLD	75	0.037	2.544
SLV	712	0.113	2.486
SLC	1462	0.154	2.500

dove con F_0 si è indicato il valore massimo di amplificazione dello spettro in accelerazione orizzontale.

Categoria sismica dei suoli di fondazione e coefficiente di amplificazione stratigrafica
In accordo con la normativa di riferimento, la risposta sismica locale, in mancanza di studi specifici, può essere espressa dalle categorie di sottosuolo, identificate da diversi valori di V_{S30} (velocità sismiche delle onde di taglio entro i primi 30m di profondità), N_{SPT} (resistenza alla penetrazione in una prova penetrometrica dinamica) o c_u (coesione non drenata).

Per la definizione delle caratteristiche di risposta sismica locale ci si deve pertanto basare sui risultati delle indagini geognostiche. In mancanza di valori di V_{S30} ricavati direttamente da prospezioni sismiche in foro, la caratterizzazione sismica è stata basata sui valori di N_{SPT} registrati durante l'esecuzione dei sondaggi.

Date le caratteristiche molto simili riscontrate nelle diverse verticali appartenenti alle diverse unità geotecniche riconosciute, è possibile, ai fini della progettazione geotecnica e strutturale delle opere, identificare un'unica categoria di suolo di fondazione, corrispondente alla:

- **categoria C:** Depositi di *terreni a grana grossa* mediamente addensati o terreni a grana fina mediamente consistenti con spessori superiori a 30 m, caratterizzati da un graduale miglioramento delle proprietà meccaniche con la profondità e da valori di $\mathbf{V_{S,30}}$ **compresi tra 180 m/s e 360 m/s** (ovvero $\mathbf{15 < N_{SPT,30} < 50}$ nei terreni a grana grossa e $70 < c_{u,30} < 250$ kPa nei terreni a grana fina).

In base alla categoria di sottosuolo individuata sono stati ottenuti i seguenti valori del coefficiente di amplificazione stratigrafica S_S (cfr. Tabella 3.2.V del D.M. 14/01/08):

- nel caso di verifiche SLV orizzontale (Fo=2.486, ag=0.113):

Categoria sottosuolo	S_S
C	$1.0 \le 1.7 \quad 0.6 \cdot F_0 \cdot \frac{a_g}{g} \le 1.5 \quad = 1.5$

- nel caso di verifiche SLD orizzontale (Fo=2.544, ag=0.037):

Categoria sottosuolo	S_S
C	$1.0 \le 1.7 \quad 0.6 \cdot F_0 \cdot \frac{a_g}{g} \le 1.5 \quad = 1.5$

Mentre per gli spettri verticali S_s è pari a 1.00.

Coefficiente di amplificazione topografica
In base alle condizioni topografiche presenti in sito (T1 = superficie pianeggiante o pendii e rilievi isolati con inclinazione media ≤ 15°), è stato utilizzato il seguente valore del coefficiente di amplificazione topografica S_T (cfr. Tabella 3.2.VI del D.M. 14/01/08):

Categoria topografica	S_T
T1	1.0

In base a quanto esposto in D.M. 14/01/2008 paragrafo 3.2.3.2, l'azione sismica è descritta dalle componenti orizzontale e verticale in accelerazione, considerate indipendenti e rappresentate mediante lo spettro di risposta dell'accelerazione del terreno.

8.6.1.1 Componenti orizzontali

Lo spettro di riposta elastico della componente orizzontale $S_e(T)$ per il periodo di ritorno di riferimento T è definito mediante le seguenti espressioni:

$$
\begin{cases}
0 \le T < T_B & S_e(T) = a_g \cdot S \cdot \eta \cdot F_o \cdot \left(\frac{T}{T_B} + \frac{1}{\eta \cdot F_o} \cdot \left(1 - \frac{T}{T_B} \right) \right) \\
T_B \le T < T_C & S_e(T) = a_g \cdot S \cdot \eta \cdot F_o \\
T_C \le T < T_D & S_e(T) = a_g \cdot S \cdot \eta \cdot F_o \cdot \frac{T_C}{T} \\
T_D \le T & S_e(T) = a_g \cdot S \cdot \eta \cdot F_o \cdot \left[\frac{T_D \cdot T_C}{T^2} \right]
\end{cases}
$$

dove:

$S_e(T)$ ordinata dello spettro di progetto;
T periodo di ritorno di riferimento;
a_g valore di progetto dell'accelerazione del terreno per il periodo di ritorno di riferimento;
T_C periodo corrispondente all'inizio del tratto a velocità costante dello spettro, espresso mediante la relazione:

$$T_C \quad C_C \cdot T_C^*$$

dove:

C_C coefficiente funzione della categoria di suolo
T^*_C periodo di inizio del tratto a velocità costante su sito di riferimento rigido orizzontale.

T_B periodo corrispondente all'inizio del tratto dello spettro ad accelerazione costante (pari a $T_C/3$);
T_D periodo corrispondente all'inizio del tratto a spostamento costante dello spettro, espresso in secondi mediante la relazione:

$$T_D \quad 4.0 \cdot \frac{a_g}{g} + 1.6$$

S coefficiente che tiene conto della categoria di sottosuolo e delle condizioni topografiche, mediante la seguente relazione:

$$S - S_S \cdot S_T$$

dove:

S_S coefficiente di amplificazione stratigrafica (pari a 1.50);
S_T coefficiente di amplificazione topografica (pari a 1.00)

F_o fattore che quantifica l'amplificazione spettrale massima, su sito di riferimento rigido orizzontale (con valore minimo pari a 2.2).
η fattore che altera lo spettro elastico per coefficienti di smorzamento viscosi convenzionali ξ diversi dal 5%: nel caso analizzato risulta pari a 1.

8.6.1.2 Componente verticale

Per quanto riguarda l'azione sismica verticale, questa è rappresentata mediante lo spettro di riposta di progetto *$S_{vd}(T)$* per il periodo di ritorno di riferimento T mediante le seguenti espressioni:

$$\begin{cases} 0 \le T < T_B & S_{ve}(T) \quad a_g \cdot S \cdot \eta \cdot F_v \cdot \left(\frac{T}{T_B} + \frac{1}{\eta \cdot F_o} \cdot \left(1 - \frac{T}{T_B} \right) \right) \\ T_B \le T < T_C & S_{ve}(T) - a_g \cdot S \cdot \eta \cdot F_v \\ T_C \le T < T_D & S_{ve}(T) - a_g \cdot S \cdot \eta \cdot F_v \cdot \left| \frac{T_C}{T} \right| \\ T_D \le T & S_{ve}(T) - a_g \cdot S \cdot \eta \cdot F_v \cdot \left| \frac{T_D \cdot T_C}{T^2} \right| \end{cases}$$

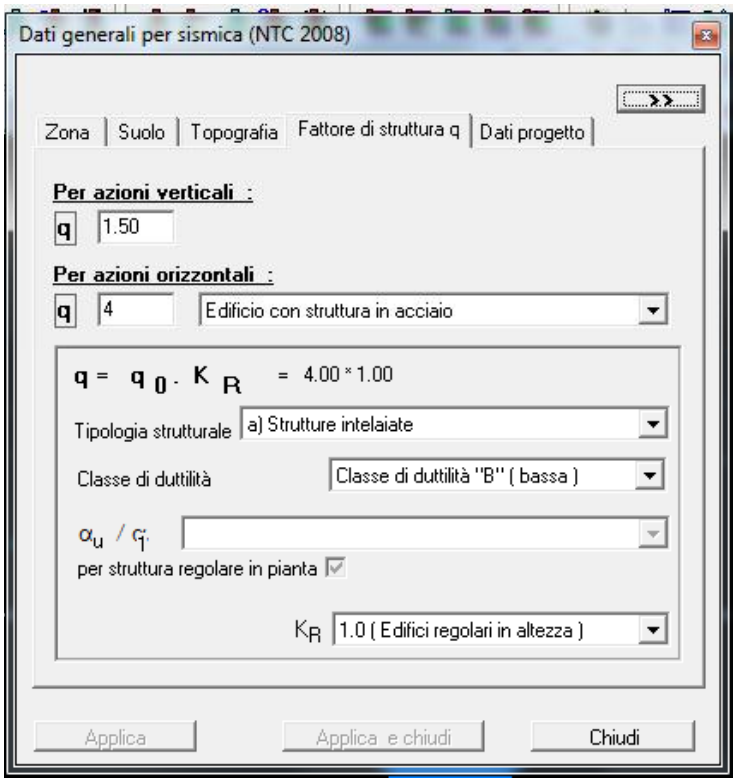
dove:

$S_{ve}(T)$ accelerazione spettrale verticale;
T periodo di ritorno di riferimento;
F_v fattore che quantifica l'amplificazione spettrale massima, in termini di accelerazione orizzontale massima del terreno a_g su sito di riferimento rigido orizzontale, mediante la relazione:

$$F_v - 1.35 \cdot F_o \cdot \left(\frac{a_g}{g} \right)^{0.5}$$

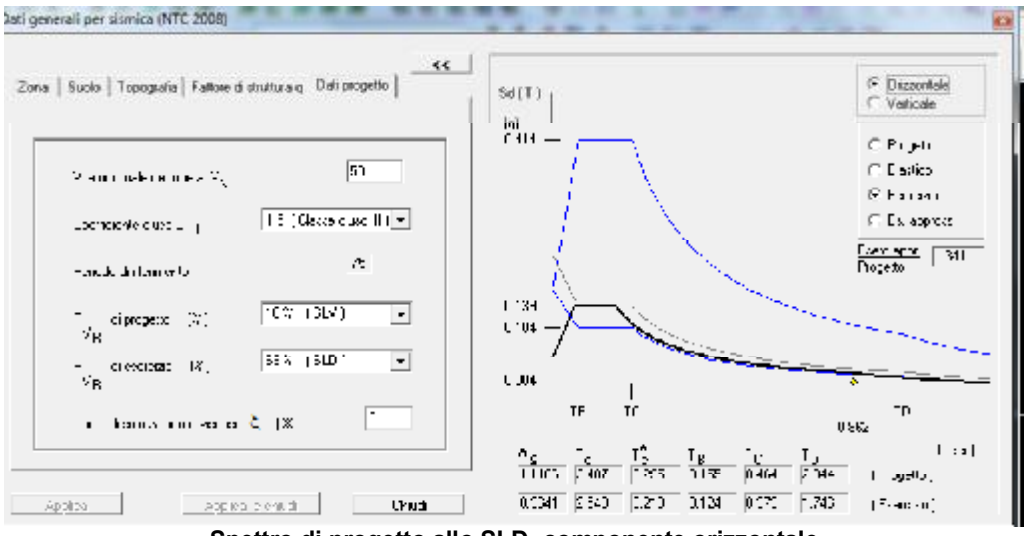
8.6.2 Fattore di struttura

In base a quanto esposto in D.M. 14/01/2008 paragrafo 7.3.1 si considera il seguente fattore di struttura, computato automaticamente dal programma di calcolo:



8.6.3 Spettri di progetto per gli Stati Limite di Esercizio

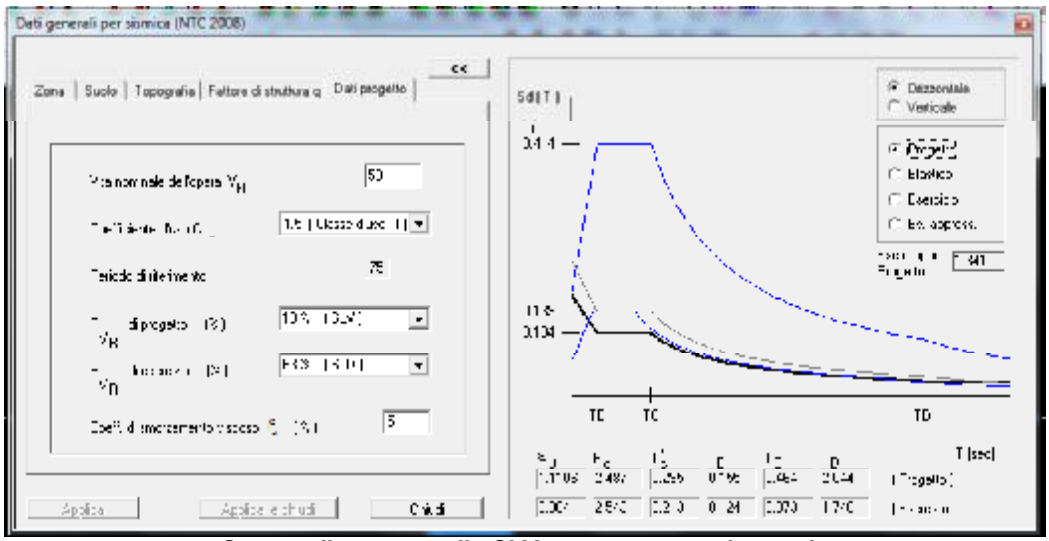
Per gli Stati Limite di Esercizio lo spettro di progetto S_d (T) da utilizzare, sia per le componenti orizzontali che per la componente verticale, è lo spettro di progetto elastico corrispondente, riferito alla probabilità di superamento nel periodo di riferimento P_{Vr} considerata.
Si verifica solo lo Stato Limite di Danno (SLD), con probabilità di superamento nel periodo di riferimento pari a 63% e il cui andamento è riportato nella figura seguente, sia per le componenti orizzontali



Spettro di progetto allo SLD- componente orizzontale

8.6.4 Spettri di progetto per gli Stati Limite Ultimi

Per gli Stati Limite Ultimi lo spettro di progetto S_d (T) da utilizzare, sia per le componenti orizzontali che per la componente verticale, è lo spettro di progetto elastico corrispondente, riferito alla probabilità di superamento nel periodo di riferimento P_{Vr} considerata, con le ordinate ridotte sostituendo nelle formule delle componenti orizzontali e verticale il fattore η con 1/q, dove q è il fattore di struttura.
Si assumerà comunque S_d (T) $\geq 0.2a_g$.
Si verifica solo lo Stato Limite di Salvaguardia della Vita (SLV), con probabilità di superamento nel periodo di riferimento pari al 10% e il cui andamento è riportato nella figura seguente:



Spettro di progetto allo SLV- componente orizzontale

8.6.5 Combinazione dell'azione sismica con le altre azioni

In accordo con il D.M. 14/01/2008 paragrafo 3.2.4, i carichi sismici vanno combinati con le altre azioni secondo la seguente espressione:

$$G_1 + G_2 + E + \sum_j \Psi_{2j} \cdot Q_{kj}$$

dove:

G_1	peso proprio degli elementi strutturali e non strutturali;
G_2	carichi permanenti portati;
E	azioni derivanti dai terremoti;
Q_{kj}	azioni variabili sulla struttura.

Gli effetti dell'azione sismica saranno valutati tenendo conto delle masse associate ai seguenti carichi gravitazionali:

$$G_1 - G_2 - \sum_j \Psi_{2j} \cdot Q_{kj}$$

8.6.6 Analisi dinamica lineare

In accordo con il paragrafo 7.3.3. del D.M. 14.01.2008, l'analisi dinamica lineare consiste:

- nella determinazione dei modi di vibrare della costruzione (analisi modale);
- nel calcolo degli effetti dell'azione sismica, rappresentata dallo spettro di risposta di progetto, per ciascun modo di vibrare individuato;
- nella combinazione di questi effetti.

Devono essere considerati tutti i modi con massa partecipante significativa e comunque un numero di modi la cui massa partecipante sia superiore all'85%.
Per la combinazione degli effetti relativi ai singoli modi viene utilizzata una combinazione quadratica completa degli effetti relativi a ciascun modo secondo la relazione seguente:

$$E \quad \left(\sum_j \sum_i \rho_{ij} \cdot E_i \cdot E_j \right)^{1/2} \quad j \quad i \quad 1,....,n$$

dove:

E_j	valore dell'effetto relativo al modo j;
ρ_{ij}	coefficiente di correlazione tra il modo i e il modo j: $\rho_{ij} \quad \frac{8 \cdot \xi^2 \cdot \beta_{ij}^{3/2}}{(1 \quad \beta_{ij}) \cdot [(1 \quad \beta_{ij})^2 \quad 4 \cdot \xi^2 \cdot \beta_{ij}]}$
ξ	smorzamento viscoso dei modi i e j;
β_{ij}	è il rapporto tra lì'inverso dei periodi di ciascuna coppia i-j di modi: $\beta_{ij} - T_j / T_i$

Nelle tabelle seguenti sono riportati i periodi dei singoli modi e la percentuale di massa partecipante (individuale e cumulativa), così come risultanti dall'analisi.

8.6.6.1 Modi di vibrare della struttura

Dall'analisi dinamica modale si riporta di seguito la tabella degli autovettori considerati per il raggiungimento dell'85% della massa partecipante:

La massa partecipante necessaria viene raggiunta combinando i primi 3 modi di vibrare della struttura.

n	PERIODO [sec]	MASSA ATTIVATA %X	%Y	%Z	COEFFICIENTI DI CORRELAZIONE n+1	n+2	n+3	n+4	n+5	n+6	n+7
1	0.494550	14.193	0.000	0.000	0.120	0.019					
2	0.378279	80.190	0.000	0.000	0.051						
3	0.247985	0.000	94.383	0.000							
	MASSA TOTALE	94.383	94.383	0.000							

8.7 Azione del vento

Il D.M. 14.01.2008 riporta la modalità per il calcolo dell'entità del carico da vento la cui espressione è:

$$p = q_b \cdot c_e \cdot c_p \cdot c_d$$

in cui:

- q_b è la pressione cinetica di riferimento;
- c_e è il coefficiente di esposizione;
- c_p è il coefficiente di forma;
- c_d è il coefficiente dinamico.

La pressione cinetica di riferimento (in N/mm^2) è data dall'espressione:

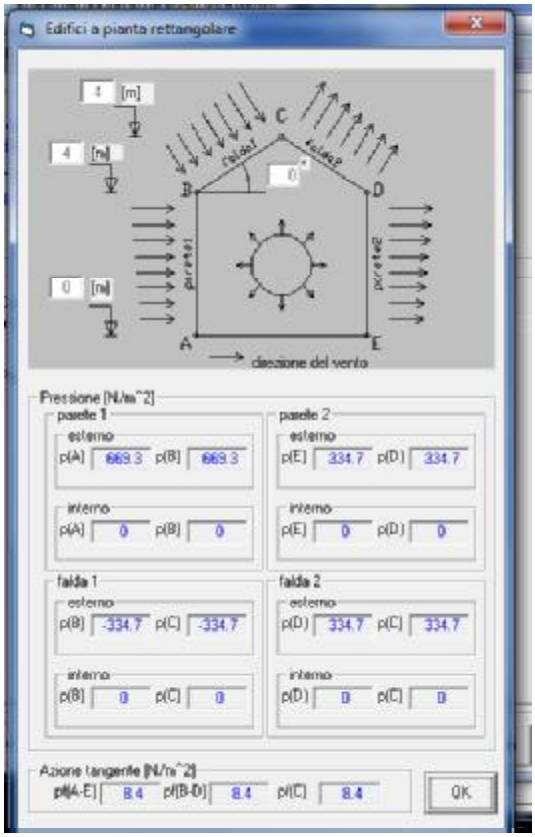
$$q_b = \frac{1}{2} \rho v_b^2$$

in cui v_b è la velocità di riferimento del vento (in m/s).

Si riportano di seguito il valori desunti dal programma di calcolo:

Zona 7
Altitudine: 3
Periodo di Ritorno [anni]: 50
Classe di rugosità del terreno:D
Distanza dalla costa [km]: 0.5
Categoria di esposizione del sito: 3
Tipologia di costruzione:Edifici a pianta rettangolare con coperture piane a falde inclinate o curve

vref (velocità di riferimento) = 28.
qref (pressione cinetica di riferimento) = .49
cd (coefficiente dinamico) = 1.
cf (coefficiente d' attrito) = .01



P.to	z	ct(z)	ce(z)	par.1 esterno cp	par.1 esterno p(z)	par.1 interno cp	par.1 interno p(z)
1 A	0.	1.	1.7075	.8	.6693	0.	0.
2	.44	1.	1.7075	.8	.6693	0.	0.
3	.89	1.	1.7075	.8	.6693	0.	0.
4	1.33	1.	1.7075	.8	.6693	0.	0.
5	1.78	1.	1.7075	.8	.6693	0.	0.
6	2.22	1.	1.7075	.8	.6693	0.	0.
7	2.67	1.	1.7075	.8	.6693	0.	0.
8	3.11	1.	1.7075	.8	.6693	0.	0.
9	3.56	1.	1.7075	.8	.6693	0.	0.
10 B	4.	1.	1.7075	.8	.6693	0.	0.

P.to	z	ct(z)	ce(z)	par.2 esterno cp	par.2 esterno p(z)	par.2 interno cp	par.2 interno p(z)
1 E	0.	1.	1.7075	-.4	-.3347	0.	0.
2	.44	1.	1.7075	-.4	-.3347	0.	0.
3	.89	1.	1.7075	-.4	-.3347	0.	0.
4	1.33	1.	1.7075	-.4	-.3347	0.	0.
5	1.78	1.	1.7075	-.4	-.3347	0.	0.
6	2.22	1.	1.7075	-.4	-.3347	0.	0.
7	2.67	1.	1.7075	-.4	-.3347	0.	0.
8	3.11	1.	1.7075	-.4	-.3347	0.	0.
9	3.56	1.	1.7075	-.4	-.3347	0.	0.
10 D	4.	1.	1.7075	-.4	-.3347	0.	0.

P.to	z	ct(z)	ce(z)	fal.1 esterno cp	fal.1 esterno p(z)	fal.1 interno cp	fal.1 interno p(z)
10 B	4.	0.	1.7075	-.4	-.3347	0.	0.
11	4.	0.	1.7075	-.4	-.3347	0.	0.
12	4.	0.	1.7075	-.4	-.3347	0.	0.
13	4.	0.	1.7075	-.4	-.3347	0.	0.
14	4.	0.	1.7075	-.4	-.3347	0.	0.

15		4.	0.	1.7075	-.4	-.3347	0.	0.
16		4.	0.	1.7075	-.4	-.3347	0.	0.
17		4.	0.	1.7075	-.4	-.3347	0.	0.
18		4.	0.	1.7075	-.4	-.3347	0.	0.
19	C	4.	0.	1.7075	-.4	-.3347	0.	0.

	P.to	z	ct(z)	ce(z)	fal.2 esterno		fal.2 interno	
					cp	p(z)	cp	p(z)
10	D	4.	0.	1.7075	-.4	-.3347	0.	0.
11		4.	0.	1.7075	-.4	-.3347	0.	0.
12		4.	0.	1.7075	-.4	-.3347	0.	0.
13		4.	0.	1.7075	-.4	-.3347	0.	0.
14		4.	0.	1.7075	-.4	-.3347	0.	0.
15		4.	0.	1.7075	-.4	-.3347	0.	0.
16		4.	0.	1.7075	-.4	-.3347	0.	0.
17		4.	0.	1.7075	-.4	-.3347	0.	0.
18		4.	0.	1.7075	-.4	-.3347	0.	0.
19	C	4.	0.	1.7075	-.4	-.3347	0.	0.

	P.to	z	pf(z)
1	A-E	0.	.0084
2		.44	.0084
3		.89	.0084
4		1.33	.0084
5		1.78	.0084
6		2.22	.0084
7		2.67	.0084
8		3.11	.0084
9		3.56	.0084
10	B-D	4.	.0084
11		4.	.0084
12		4.	.0084
13		4.	.0084
14		4.	.0084
15		4.	.0084
16		4.	.0084
17		4.	.0084
18		4.	.0084
19	C	4.	.0084

9 QUADRO DELLE COMBINAZIONI ADOTTATE

Ai finidelle verifiche agli stati limite si definiscono le seguenti combinazioni:

- Combinazione fondamentale, generalmente impiegata per gli stati limite ultimi (SLU):

$$\gamma_{G1}\cdot G_1 + \gamma_{G2}\cdot G_2 + \gamma_P\cdot P + \gamma_{Q1}\cdot Q_{k1} + \gamma_{Q2}\cdot\psi_{02}\cdot Q_{k2} + \gamma_{Q3}\cdot\psi_{03}\cdot Q_{k3} + \ldots \quad (2.5.1)$$

- Combinazione caratteristica (rara), generalmente impiegata per gli stati limite di esercizio (SLE) irreversibili, da utilizzarsi nelle verifiche alle tensioni ammissibili di cui al § 2.7:

$$G_1 + G_2 + P + Q_{k1} + \psi_{02}\cdot Q_{k2} + \psi_{03}\cdot Q_{k3} + \ldots \quad (2.5.2)$$

- Combinazione frequente, generalmente impiegata per gli stati limite di esercizio (SLE) reversibili:

$$G_1 + G_2 + P + \psi_{11}\cdot Q_{k1} + \psi_{22}\cdot Q_{k2} + \psi_{23}\cdot Q_{k3} + \ldots \quad (2.5.3)$$

- Combinazione quasi permanente (SLE), generalmente impiegata per gli effetti a lungo termine:

$$G_1 + G_2 + P + \psi_{21}\cdot Q_{k1} + \psi_{22}\cdot Q_{k2} + \psi_{23}\cdot Q_{k3} + \ldots \quad (2.5.4)$$

- Combinazione sismica, impiegata per gli stati limite ultimi e di esercizio connessi all'azione sismica E (v. § 3.2):

$$E + G_1 + G_2 + P + \psi_{21}\cdot Q_{k1} + \psi_{22}\cdot Q_{k2} + \ldots \quad (2.5.5)$$

- Combinazione eccezionale, impiegata per gli stati limite ultimi connessi alle azioni eccezionali di progetto A_d (v. § 3.6):

$$G_1 + G_2 + P + A_d + \psi_{21}\cdot Q_{k1} + \psi_{22}\cdot Q_{k2} + \ldots \quad (2.5.6)$$

Nelle combinazioni per SLE, si intende che vengono omessi i carichi Q_{kj} che danno un contributo favorevole ai fini delle verifiche e, se del caso, i carichi G_2.

Le combinazioni di carico SLE sono utilizzate per le analisi allo stato limite di esercizio, le combinazioni di carico SLE-QP e SLE-FR sono utilizzate per le analisi di fessurazione, mentre quelle SLU per le analisi allo stato limite ultimo.

10 MODELLO DI CALCOLO

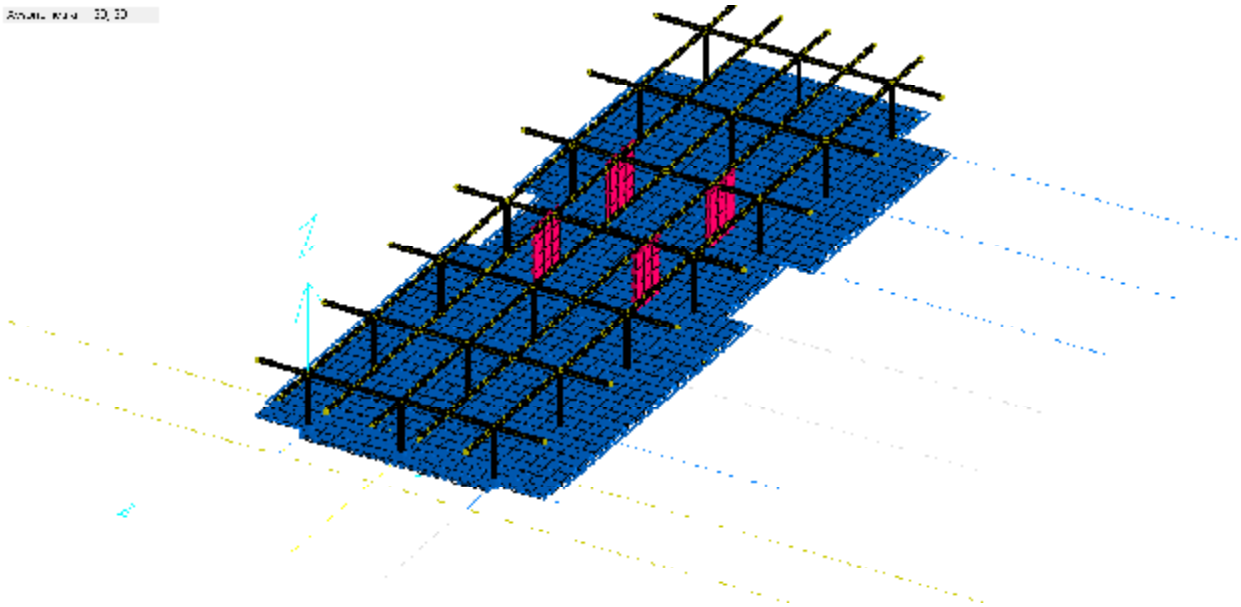
Per la determinazione delle azioni massime utili al dimensionamento degli elementi strutturali principali i vari elementi che compongono la struttura sono stati schematizzati in maniera classica come elementi di tipo beam per le travi e i pilastri e come shell per la platea di fondazione, io pali vengono inseriti come vincolo esterno.

Le analisi strutturali, statica e dinamica per la fase sismica, sono state elaborate predisponendo le combinazioni carico per la conduzione delle verifiche nei riguardi degli Stati Limite di Esercizio (**CAR** *"Combinazioni Caratteristiche e Rare"*, **FR** *"Combinazioni Frequenti"* e **QP** *"Combinazioni Quasi Permanenti"*) e degli Stati Limite Ultimi (**STR** *"Combinazioni Verifiche Strutturali"*).

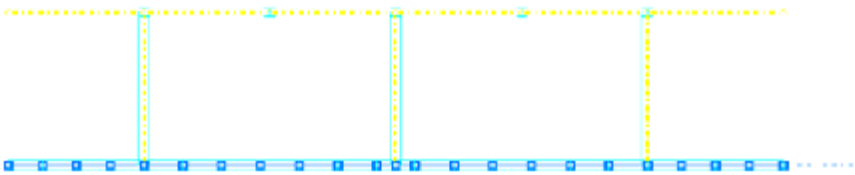
L'analisi sismica è stata condotta secondo quanto esposto nelle NTC del 2008.

Sono state assegnate le masse strutturali per l'aliquota corrispondente sia ai pesi strutturali, sia ai permanenti che agli accidentali che devono essere considerati in fase sismica.

Di seguito si riportano le illustrazioni del modello statico-sismico estrapolate dal programma di calcolo CDM DOLMEN.



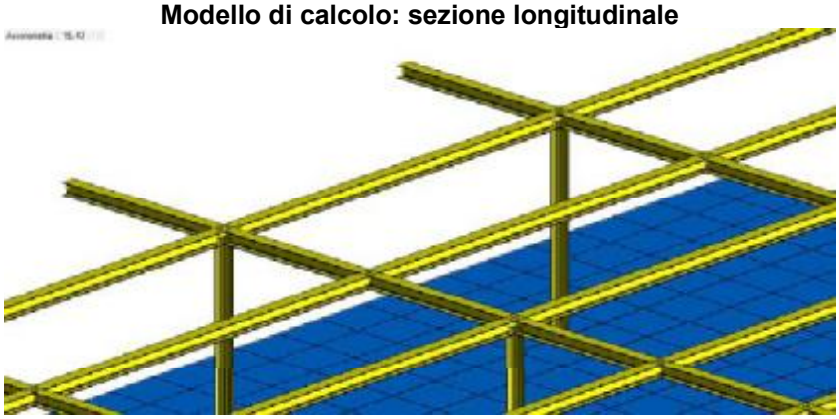
Modello di calcolo: vista 3D



Modello di calcolo: sezione trasversale



Modello di calcolo: sezione longitudinale



Modello di calcolo: particolare nodi

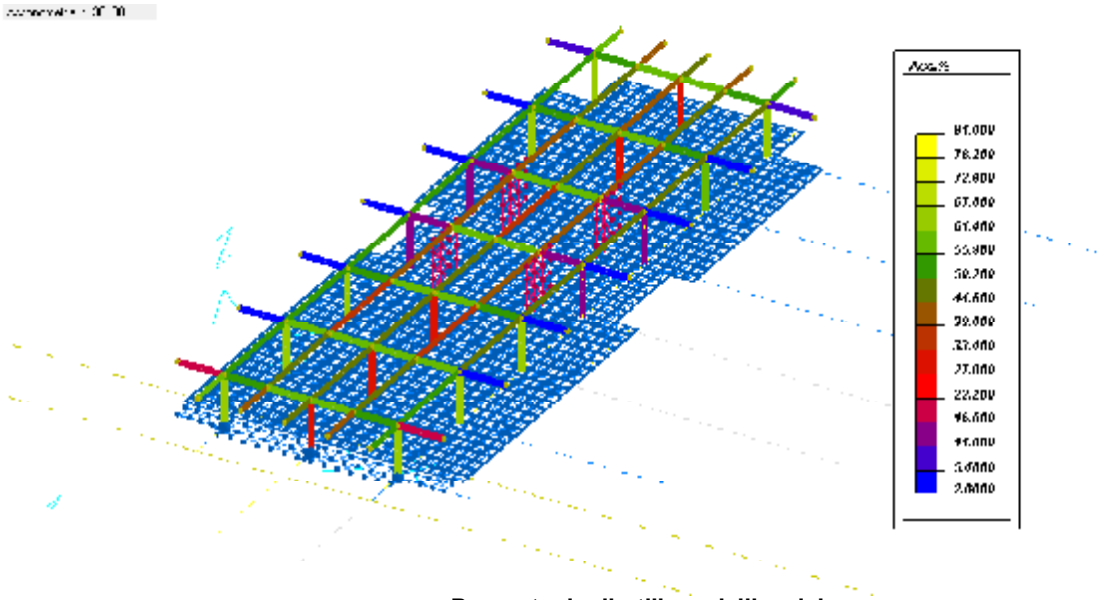
11 RISULTATI DELLE ANALISI

11.1 Verifica aste in acciaio

Si riporta di seguito il tabulato di verifica delle aste in acciaio in termini di percentuale di utilizzo del materiale:

```
asta      1 - sez.   1 - P_TUBO298.5x5.9_S001 -  64% della Si limite.
asta      2 - sez.   1 - P_TUBO298.5x5.9_S001 -  66% della Si limite.
asta      3 - sez.   1 - P_TUBO298.5x5.9_S001 -  65% della Si limite.
asta      4 - sez.   1 - P_TUBO298.5x5.9_S001 -  16% della Si limite.
asta      5 - sez.   1 - P_TUBO298.5x5.9_S001 -  16% della Si limite.
asta      6 - sez.   1 - P_TUBO298.5x5.9_S001 -  64% della Si limite.
asta      7 - sez.   1 - P_TUBO298.5x5.9_S001 -  63% della Si limite.
asta      8 - sez.   1 - P_TUBO298.5x5.9_S001 -  31% della Si limite.
asta      9 - sez.   1 - P_TUBO298.5x5.9_S001 -  32% della Si limite.
asta     10 - sez.   1 - P_TUBO298.5x5.9_S001 -  32% della Si limite.
asta     14 - sez.   1 - P_TUBO298.5x5.9_S001 -  31% della Si limite.
asta     15 - sez.   1 - P_TUBO298.5x5.9_S001 -  62% della Si limite.
asta     16 - sez.   1 - P_TUBO298.5x5.9_S001 -  63% della Si limite.
asta     17 - sez.   1 - P_TUBO298.5x5.9_S001 -  62% della Si limite.
asta     18 - sez.   1 - P_TUBO298.5x5.9_S001 -  17% della Si limite.
asta     19 - sez.   1 - P_TUBO298.5x5.9_S001 -  16% della Si limite.
asta     20 - sez.   1 - P_TUBO298.5x5.9_S001 -  60% della Si limite.
asta     21 - sez.   1 - P_TUBO298.5x5.9_S001 -  62% della Si limite.
asta    179 - sez.   1 - P_TUBO298.5x5.9_S001 -  31% della Si limite.
asta     88 - sez.   2 - P_HEA240_S002        -  58% della Si limite.
asta     89 - sez.   2 - P_HEA240_S002        -  55% della Si limite.
asta     90 - sez.   2 - P_HEA240_S002        -  51% della Si limite.
asta     91 - sez.   2 - P_HEA240_S002        -  52% della Si limite.
asta     92 - sez.   2 - P_HEA240_S002        -  51% della Si limite.
asta     93 - sez.   2 - P_HEA240_S002        -  53% della Si limite.
asta     94 - sez.   2 - P_HEA240_S002        -  54% della Si limite.
asta     95 - sez.   2 - P_HEA240_S002        -  58% della Si limite.
asta     96 - sez.   2 - P_HEA240_S002        -  49% della Si limite.
asta     97 - sez.   2 - P_HEA240_S002        -  47% della Si limite.
asta     98 - sez.   2 - P_HEA240_S002        -  45% della Si limite.
asta     99 - sez.   2 - P_HEA240_S002        -  50% della Si limite.
asta    100 - sez.   2 - P_HEA240_S002        -  39% della Si limite.
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asta    101 - sez.   2 - P_HEA240_S002        -  49% della Si limite.
asta    102 - sez.   2 - P_HEA240_S002        -  45% della Si limite.
asta    103 - sez.   2 - P_HEA240_S002        -  49% della Si limite.
asta    104 - sez.   2 - P_HEA240_S002        -  53% della Si limite.
asta    105 - sez.   2 - P_HEA240_S002        -  51% della Si limite.
asta    106 - sez.   2 - P_HEA240_S002        -  47% della Si limite.
asta    107 - sez.   2 - P_HEA240_S002        -  48% della Si limite.
asta    108 - sez.   2 - P_HEA240_S002        -  47% della Si limite.
asta    109 - sez.   2 - P_HEA240_S002        -  48% della Si limite.
asta    110 - sez.   2 - P_HEA240_S002        -  49% della Si limite.
asta    111 - sez.   2 - P_HEA240_S002        -  53% della Si limite.
asta    112 - sez.   3 - P_HEA240_S003        -  10% della Si limite.
asta    113 - sez.   3 - P_HEA240_S003        -  54% della Si limite.
asta    114 - sez.   3 - P_HEA240_S003        -  60% della Si limite.
asta    115 - sez.   3 - P_HEA240_S003        -  10% della Si limite.
asta    116 - sez.   3 - P_HEA240_S003        -   3% della Si limite.
asta    117 - sez.   3 - P_HEA240_S003        -  55% della Si limite.
asta    118 - sez.   3 - P_HEA240_S003        -  60% della Si limite.
asta    119 - sez.   3 - P_HEA240_S003        -   3% della Si limite.
asta    120 - sez.   3 - P_HEA240_S003        -   3% della Si limite.
asta    122 - sez.   3 - P_HEA240_S003        -  61% della Si limite.
asta    123 - sez.   3 - P_HEA240_S003        -   3% della Si limite.
asta    124 - sez.   3 - P_HEA240_S003        -   3% della Si limite.
asta    126 - sez.   3 - P_HEA240_S003        -  61% della Si limite.
asta    127 - sez.   3 - P_HEA240_S003        -   3% della Si limite.
asta    128 - sez.   3 - P_HEA240_S003        -   3% della Si limite.
asta    129 - sez.   3 - P_HEA240_S003        -  56% della Si limite.
asta    130 - sez.   3 - P_HEA240_S003        -  60% della Si limite.
asta    131 - sez.   3 - P_HEA240_S003        -   3% della Si limite.
asta    132 - sez.   3 - P_HEA240_S003        -   3% della Si limite.
asta    133 - sez.   3 - P_HEA240_S003        -  56% della Si limite.
asta    134 - sez.   3 - P_HEA240_S003        -  61% della Si limite.
asta    135 - sez.   3 - P_HEA240_S003        -   3% della Si limite.
asta    136 - sez.   3 - P_HEA240_S003        -  18% della Si limite.
asta    137 - sez.   3 - P_HEA240_S003        -  53% della Si limite.
asta    138 - sez.   3 - P_HEA240_S003        -  59% della Si limite.
asta    139 - sez.   3 - P_HEA240_S003        -  18% della Si limite.
asta    140 - sez.   3 - P_HEA240_S003        -  60% della Si limite.
asta    141 - sez.   3 - P_HEA240_S003        -  54% della Si limite.
asta    142 - sez.   3 - P_HEA240_S003        -  60% della Si limite.
asta    143 - sez.   3 - P_HEA240_S003        -  55% della Si limite.
asta    144 - sez.   3 - P_HEA240_S003        -  61% della Si limite.
asta    146 - sez.   3 - P_HEA240_S003        -  61% della Si limite.
asta    148 - sez.   3 - P_HEA240_S003        -  56% della Si limite.
asta    149 - sez.   3 - P_HEA240_S003        -  60% della Si limite.
asta    150 - sez.   3 - P_HEA240_S003        -  61% della Si limite.
asta    151 - sez.   3 - P_HEA240_S003        -  56% della Si limite.
asta    152 - sez.   3 - P_HEA240_S003        -  59% della Si limite.
asta    153 - sez.   3 - P_HEA240_S003        -  53% della Si limite.
asta    154 - sez.   3 - P_HEA240_S003        -  44% della Si limite.
asta    155 - sez.   3 - P_HEA240_S003        -  45% della Si limite.
asta    156 - sez.   3 - P_HEA240_S003        -  38% della Si limite.
asta    157 - sez.   3 - P_HEA240_S003        -  43% della Si limite.
asta    158 - sez.   3 - P_HEA240_S003        -  43% della Si limite.
asta    159 - sez.   3 - P_HEA240_S003        -  44% della Si limite.
asta    160 - sez.   3 - P_HEA240_S003        -  45% della Si limite.
asta    161 - sez.   3 - P_HEA240_S003        -  44% della Si limite.
asta    162 - sez.   3 - P_HEA240_S003        -  44% della Si limite.
asta    163 - sez.   3 - P_HEA240_S003        -  45% della Si limite.
asta    164 - sez.   3 - P_HEA240_S003        -  38% della Si limite.
asta    165 - sez.   3 - P_HEA240_S003        -  43% della Si limite.
asta    166 - sez.   3 - P_HEA240_S003        -  43% della Si limite.
asta    167 - sez.   3 - P_HEA240_S003        -  43% della Si limite.
asta    168 - sez.   3 - P_HEA240_S003        -  45% della Si limite.
asta    169 - sez.   3 - P_HEA240_S003        -  44% della Si limite.
asta    170 - sez.   3 - P_HEA240_S003        -  15% della Si limite.
asta    171 - sez.   3 - P_HEA240_S003        -  81% della Si limite.
asta    172 - sez.   3 - P_HEA240_S003        -  81% della Si limite.
asta    173 - sez.   3 - P_HEA240_S003        -  15% della Si limite.
asta    174 - sez.   3 - P_HEA240_S003        -  16% della Si limite.
asta    175 - sez.   3 - P_HEA240_S003        -  81% della Si limite.
asta    176 - sez.   3 - P_HEA240_S003        -  81% della Si limite.
asta    177 - sez.   3 - P_HEA240_S003        -  16% della Si limite.
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Percentuale di utilizzo dell'acciaio

11.2 Verifica della fondazione

La fondazione ha spessore 30 cm, si riportano, a titolo di esempio, i tabulati Verifica

Verifiche allo SLU

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MACROGUSCIO fondazione

VERIFICA ARMATURE EFFETTIVE (EFFETTO MEMBRANA + PIASTRA)

unità di misura:
   lunghezze     : [cm]       -   forze       : [daN]
   momenti       : [daNcm/cm]-   tensioni    : [daN/cm2]
   pesi specifici: [daN/cm3] -   angoli      : [gradi]
   armature      : [cm2]

CASI DI CARICO:
    Nome  Descrizione
    1     SLU Max Var
    2     SLU Max Neve
    3     SLU VENTOX 1
    4     SLU VENTOY 1
    5     SLU VENTOX 2
    6     SLU VENTOY 2
    7     SLU VENTOX 3
    8     SLU VENTOY 3
    11    SLU con SISMAX PRINC
    12    SLU con SISMAY PRINC
    15    SLU FON con SISMAX P
    16    SLU FON con SISMAY P

DATI:
   tensione di snervamento acciaio (fyk): 4500    daN/cm2
   coefficiente sicurezza acciaio       : 1.15
   deformazione ultima acciaio          : 67.5    per mille
   deformazione ultima cls              :  3.5    per mille
   rapporto rottura/snervamento      (k): 1.15
   resistenza cilindrica cls       (fck): 373.5   daN/cm2
   coefficiente sicurezza cls           : 1.5
   coefficiente riduttivo         (alfa): 0.85
   copriferro inferiore  (asse armatura):  3      cm
   copriferro superiore  (asse armatura):  3      cm
   moltiplicatore sollecitazioni        :  1
```

		INFERIORE ORIZZONTALE						INFERIORE VERTICALE					
GUSCI	spess	Af	Afc	Mom	Nor	epsC	epsF	Af	Afc	Mom	Nor	epsC	epsF
2502	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	1159.	0.	0.10	0.29
2503	30	7.73	7.73	12.	0.	0.00	0.00	7.76	7.76	101.	0.	0.01	0.03
2504	30	7.73	7.73	15.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2505	30	7.73	7.73	383.	0.	0.03	0.10	7.76	7.76	0.	0.	0.00	0.00
2506	30	7.73	7.73	1154.	0.	0.09	0.29	7.76	7.76	403.	0.	0.03	0.10
2507	30	7.73	7.73	1754.	0.	0.14	0.44	7.76	7.76	1881.	0.	0.15	0.47
2510	30	7.73	7.73	882.	0.	0.07	0.22	7.76	7.76	1354.	0.	0.11	0.34
2511	30	7.73	7.73	482.	0.	0.04	0.12	7.76	7.76	195.	0.	0.02	0.05
2512	30	7.73	7.73	121.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
2513	30	7.73	7.73	158.	0.	0.01	0.04	7.76	7.76	0.	0.	0.00	0.00
2514	30	7.73	7.73	245.	0.	0.02	0.06	7.76	7.76	360.	0.	0.03	0.09
2515	30	7.73	7.73	80.	0.	0.01	0.02	7.76	7.76	1182.	0.	0.10	0.29
2518	30	7.73	7.73	1149.	0.	0.09	0.29	7.76	7.76	780.	0.	0.06	0.19

2519	30	7.73	7.73	553.	0.	0.05	0.14	7.76	7.76	0.	0.	0.00	0.00
2520	30	7.73	7.73	52.	0.	0.00	0.01	7.76	7.76	0.	0.	0.00	0.00
2521	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2522	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	17.	0.	0.00	0.00
2523	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	323.	0.	0.03	0.08
2526	30	7.73	7.73	1105.	0.	0.09	0.28	7.76	7.76	553.	0.	0.05	0.14
2527	30	7.73	7.73	469.	0.	0.04	0.12	7.76	7.76	0.	0.	0.00	0.00
2528	30	7.73	7.73	44.	0.	0.00	0.01	7.76	7.76	0.	0.	0.00	0.00
2529	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2530	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	22.	0.	0.00	0.01
2531	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	322.	0.	0.03	0.08
2534	30	7.73	7.73	1134.	0.	0.09	0.28	7.76	7.76	1219.	0.	0.10	0.30
2535	30	7.73	7.73	645.	0.	0.05	0.16	7.76	7.76	176.	0.	0.01	0.04
2536	30	7.73	7.73	175.	0.	0.01	0.04	7.76	7.76	0.	0.	0.00	0.00
2537	30	7.73	7.73	152.	0.	0.01	0.04	7.76	7.76	0.	0.	0.00	0.00
2538	30	7.73	7.73	180.	0.	0.01	0.05	7.76	7.76	461.	0.	0.04	0.11
2539	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	1273.	0.	0.10	0.32
2542	30	7.73	7.73	393.	0.	0.03	0.10	7.76	7.76	1517.	0.	0.12	0.38
2543	30	7.73	7.73	242.	0.	0.02	0.06	7.76	7.76	318.	0.	0.03	0.08
2544	30	7.73	7.73	128.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
2545	30	7.73	7.73	595.	0.	0.05	0.15	7.76	7.76	0.	0.	0.00	0.00
2546	30	7.73	7.73	1176.	0.	0.10	0.29	7.76	7.76	671.	0.	0.06	0.17
2547	30	7.73	7.73	1445.	0.	0.12	0.36	7.76	7.76	2611.	0.	0.21	0.65
2558	30	7.73	7.73	393.	0.	0.03	0.10	7.76	7.76	1517.	0.	0.12	0.38
2559	30	7.73	7.73	242.	0.	0.02	0.06	7.76	7.76	318.	0.	0.03	0.08
2560	30	7.73	7.73	128.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
2561	30	7.73	7.73	595.	0.	0.05	0.15	7.76	7.76	0.	0.	0.00	0.00
2562	30	7.73	7.73	1176.	0.	0.10	0.29	7.76	7.76	671.	0.	0.06	0.17
2563	30	7.73	7.73	1445.	0.	0.12	0.36	7.76	7.76	2404.	0.	0.20	0.60
2566	30	7.73	7.73	1134.	0.	0.09	0.28	7.76	7.76	1219.	0.	0.10	0.30
2567	30	7.73	7.73	644.	0.	0.05	0.16	7.76	7.76	174.	0.	0.01	0.04
2568	30	7.73	7.73	175.	0.	0.01	0.04	7.76	7.76	0.	0.	0.00	0.00
2569	30	7.73	7.73	152.	0.	0.01	0.04	7.76	7.76	0.	0.	0.00	0.00
2570	30	7.73	7.73	189.	0.	0.02	0.05	7.76	7.76	462.	0.	0.04	0.12
2571	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	1273.	0.	0.10	0.32
2574	30	7.73	7.73	1106.	0.	0.09	0.28	7.76	7.76	553.	0.	0.05	0.14
2575	30	7.73	7.73	469.	0.	0.04	0.12	7.76	7.76	0.	0.	0.00	0.00
2576	30	7.73	7.73	45.	0.	0.00	0.01	7.76	7.76	0.	0.	0.00	0.00
2577	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2578	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	32.	0.	0.00	0.01
2579	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	322.	0.	0.03	0.08
2582	30	7.73	7.73	1149.	0.	0.09	0.29	7.76	7.76	781.	0.	0.06	0.19
2583	30	7.73	7.73	553.	0.	0.05	0.14	7.76	7.76	0.	0.	0.00	0.00
2584	30	7.73	7.73	50.	0.	0.00	0.01	7.76	7.76	0.	0.	0.00	0.00
2585	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2586	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	4.	0.	0.00	0.00
2587	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	323.	0.	0.03	0.08
2590	30	7.73	7.73	882.	0.	0.07	0.22	7.76	7.76	1354.	0.	0.11	0.34
2591	30	7.73	7.73	482.	0.	0.04	0.12	7.76	7.76	198.	0.	0.02	0.05
2592	30	7.73	7.73	121.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
2593	30	7.73	7.73	158.	0.	0.01	0.04	7.76	7.76	0.	0.	0.00	0.00
2594	30	7.73	7.73	245.	0.	0.02	0.06	7.76	7.76	359.	0.	0.03	0.09
2595	30	7.73	7.73	69.	0.	0.01	0.02	7.76	7.76	1182.	0.	0.10	0.29
2598	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	1160.	0.	0.10	0.29
2599	30	7.73	7.73	4.	0.	0.00	0.00	7.76	7.76	97.	0.	0.01	0.02
2600	30	7.73	7.73	13.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2601	30	7.73	7.73	383.	0.	0.03	0.10	7.76	7.76	0.	0.	0.00	0.00
2602	30	7.73	7.73	1154.	0.	0.09	0.29	7.76	7.76	407.	0.	0.03	0.10
2603	30	7.73	7.73	1755.	0.	0.14	0.44	7.76	7.76	1881.	0.	0.15	0.47
2604	30	7.73	7.73	1830.	0.	0.15	0.46	7.76	7.76	2037.	0.	0.17	0.51
2605	30	7.73	7.73	1162.	0.	0.10	0.29	7.76	7.76	427.	0.	0.04	0.11
2606	30	7.73	7.73	420.	0.	0.03	0.10	7.76	7.76	0.	0.	0.00	0.00
2607	30	7.73	7.73	126.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
2608	30	7.73	7.73	128.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
2609	30	7.73	7.73	428.	0.	0.04	0.11	7.76	7.76	0.	0.	0.00	0.00
2610	30	7.73	7.73	1153.	0.	0.09	0.29	7.76	7.76	440.	0.	0.04	0.11
2611	30	7.73	7.73	1739.	0.	0.14	0.43	7.76	7.76	1890.	0.	0.16	0.47
2612	30	7.73	7.73	90.	0.	0.01	0.02	7.76	7.76	1181.	0.	0.10	0.29
2613	30	7.73	7.73	214.	0.	0.02	0.05	7.76	7.76	413.	0.	0.03	0.10
2614	30	7.73	7.73	92.	0.	0.01	0.02	7.76	7.76	0.	0.	0.00	0.00
2615	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2616	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2617	30	7.73	7.73	92.	0.	0.01	0.02	7.76	7.76	0.	0.	0.00	0.00
2618	30	7.73	7.73	219.	0.	0.02	0.05	7.76	7.76	425.	0.	0.03	0.11
2619	30	7.73	7.73	73.	0.	0.01	0.02	7.76	7.76	1214.	0.	0.10	0.30
2620	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	345.	0.	0.03	0.09
2621	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	85.	0.	0.01	0.02
2622	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2623	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2624	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2625	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2626	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	92.	0.	0.01	0.02
2627	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	371.	0.	0.03	0.09
2628	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	354.	0.	0.03	0.09
2629	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	121.	0.	0.01	0.03
2630	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2631	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2632	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2633	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2634	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	133.	0.	0.01	0.03
2635	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	383.	0.	0.03	0.10
2636	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	1299.	0.	0.11	0.32
2637	30	7.73	7.73	156.	0.	0.01	0.04	7.76	7.76	534.	0.	0.04	0.13
2638	30	7.73	7.73	91.	0.	0.01	0.02	7.76	7.76	8.	0.	0.00	0.00
2639	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00

2640	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2641	30	7.73	7.73	109.	0.	0.01	0.03	7.76	7.76	16.	0.	0.00	0.00
2642	30	7.73	7.73	159.	0.	0.01	0.04	7.76	7.76	566.	0.	0.05	0.14
2643	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	1349.	0.	0.11	0.34
2644	30	7.73	7.73	1559.	0.	0.13	0.39	7.76	7.76	2495.	0.	0.20	0.62
2645	30	7.73	7.73	1172.	0.	0.10	0.29	7.76	7.76	698.	0.	0.06	0.17
2646	30	7.73	7.73	570.	0.	0.05	0.14	7.76	7.76	0.	0.	0.00	0.00
2647	30	7.73	7.73	101.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
2648	30	7.73	7.73	108.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
2649	30	7.73	7.73	615.	0.	0.05	0.15	7.76	7.76	0.	0.	0.00	0.00
2650	30	7.73	7.73	1203.	0.	0.10	0.30	7.76	7.76	751.	0.	0.06	0.19
2651	30	7.73	7.73	1472.	0.	0.12	0.37	7.76	7.76	2527.	0.	0.21	0.63
2660	30	7.73	7.73	1559.	0.	0.13	0.39	7.76	7.76	2559.	0.	0.21	0.64
2661	30	7.73	7.73	1171.	0.	0.10	0.29	7.76	7.76	698.	0.	0.06	0.17
2662	30	7.73	7.73	570.	0.	0.05	0.14	7.76	7.76	0.	0.	0.00	0.00
2663	30	7.73	7.73	102.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
2664	30	7.73	7.73	109.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
2665	30	7.73	7.73	615.	0.	0.05	0.15	7.76	7.76	0.	0.	0.00	0.00
2666	30	7.73	7.73	1203.	0.	0.10	0.30	7.76	7.76	751.	0.	0.06	0.19
2667	30	7.73	7.73	1472.	0.	0.12	0.37	7.76	7.76	2737.	0.	0.22	0.68
2668	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	1299.	0.	0.11	0.32
2669	30	7.73	7.73	165.	0.	0.01	0.04	7.76	7.76	534.	0.	0.04	0.13
2670	30	7.73	7.73	93.	0.	0.01	0.02	7.76	7.76	5.	0.	0.00	0.00
2671	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2672	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2673	30	7.73	7.73	111.	0.	0.01	0.03	7.76	7.76	14.	0.	0.00	0.00
2674	30	7.73	7.73	170.	0.	0.01	0.04	7.76	7.76	566.	0.	0.05	0.14
2675	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	1348.	0.	0.11	0.34
2676	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	354.	0.	0.03	0.09
2677	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	125.	0.	0.01	0.03
2678	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2679	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2680	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2681	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2682	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	137.	0.	0.01	0.03
2683	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	383.	0.	0.03	0.10
2684	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	345.	0.	0.03	0.09
2685	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	84.	0.	0.01	0.02
2686	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2687	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2688	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2689	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2690	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	90.	0.	0.01	0.02
2691	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	371.	0.	0.03	0.09
2692	30	7.73	7.73	77.	0.	0.01	0.02	7.76	7.76	1181.	0.	0.10	0.29
2693	30	7.73	7.73	214.	0.	0.02	0.05	7.76	7.76	413.	0.	0.03	0.10
2694	30	7.73	7.73	90.	0.	0.01	0.02	7.76	7.76	0.	0.	0.00	0.00
2695	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2696	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2697	30	7.73	7.73	89.	0.	0.01	0.02	7.76	7.76	0.	0.	0.00	0.00
2698	30	7.73	7.73	219.	0.	0.02	0.05	7.76	7.76	425.	0.	0.03	0.11
2699	30	7.73	7.73	60.	0.	0.00	0.02	7.76	7.76	1214.	0.	0.10	0.30
2700	30	7.73	7.73	1831.	0.	0.15	0.46	7.76	7.76	2037.	0.	0.17	0.51
2701	30	7.73	7.73	1163.	0.	0.10	0.29	7.76	7.76	433.	0.	0.04	0.11
2702	30	7.73	7.73	420.	0.	0.03	0.10	7.76	7.76	0.	0.	0.00	0.00
2703	30	7.73	7.73	126.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
2704	30	7.73	7.73	128.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
2705	30	7.73	7.73	428.	0.	0.04	0.11	7.76	7.76	0.	0.	0.00	0.00
2706	30	7.73	7.73	1153.	0.	0.09	0.29	7.76	7.76	442.	0.	0.04	0.11
2707	30	7.73	7.73	1740.	0.	0.14	0.44	7.76	7.76	1890.	0.	0.16	0.47
2708	30	7.73	7.73	1857.	0.	0.15	0.46	7.76	7.76	2086.	0.	0.17	0.52
2709	30	7.73	7.73	1183.	0.	0.10	0.30	7.76	7.76	434.	0.	0.04	0.11
2710	30	7.73	7.73	435.	0.	0.04	0.11	7.76	7.76	0.	0.	0.00	0.00
2711	30	7.73	7.73	113.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
2712	30	7.73	7.73	75.	0.	0.01	0.02	7.76	7.76	0.	0.	0.00	0.00
2713	30	7.73	7.73	155.	0.	0.01	0.04	7.76	7.76	0.	0.	0.00	0.00
2714	30	7.73	7.73	454.	0.	0.04	0.11	7.76	7.76	209.	0.	0.02	0.05
2715	30	7.73	7.73	957.	0.	0.08	0.24	7.76	7.76	1816.	0.	0.15	0.45
2716	30	7.73	7.73	97.	0.	0.01	0.02	7.76	7.76	1210.	0.	0.10	0.30
2717	30	7.73	7.73	225.	0.	0.02	0.06	7.76	7.76	413.	0.	0.03	0.10
2718	30	7.73	7.73	106.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
2719	30	7.73	7.73	15.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2720	30	7.73	7.73	26.	0.	0.00	0.01	7.76	7.76	0.	0.	0.00	0.00
2721	30	7.73	7.73	95.	0.	0.01	0.02	7.76	7.76	0.	0.	0.00	0.00
2722	30	7.73	7.73	275.	0.	0.02	0.07	7.76	7.76	266.	0.	0.02	0.07
2723	30	7.73	7.73	198.	0.	0.02	0.05	7.76	7.76	1778.	0.	0.15	0.44
2724	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	368.	0.	0.03	0.09
2725	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	73.	0.	0.01	0.02
2726	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2727	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2728	30	7.73	7.73	27.	0.	0.00	0.01	7.76	7.76	0.	0.	0.00	0.00
2729	30	7.73	7.73	271.	0.	0.02	0.07	7.76	7.76	0.	0.	0.00	0.00
2730	30	7.73	7.73	1132.	0.	0.09	0.28	7.76	7.76	187.	0.	0.02	0.05
2731	30	7.73	7.73	2454.	0.	0.20	0.61	7.76	7.76	2576.	0.	0.21	0.64
2732	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	377.	0.	0.03	0.09
2733	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	126.	0.	0.01	0.03
2734	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2735	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2736	30	7.73	7.73	65.	0.	0.01	0.02	7.76	7.76	0.	0.	0.00	0.00
2737	30	7.73	7.73	495.	0.	0.04	0.12	7.76	7.76	0.	0.	0.00	0.00
2738	30	7.73	7.73	1230.	0.	0.10	0.31	7.76	7.76	552.	0.	0.05	0.14
2739	30	7.73	7.73	2005.	0.	0.16	0.50	7.76	7.76	2347.	0.	0.19	0.58
2740	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	1343.	0.	0.11	0.33
2741	30	7.73	7.73	179.	0.	0.01	0.04	7.76	7.76	556.	0.	0.05	0.14
2742	30	7.73	7.73	192.	0.	0.02	0.05	7.76	7.76	37.	0.	0.00	0.01

2743	30	7.73	7.73	24.	0.	0.00	0.01	7.76	7.76	0.	0.	0.00	0.00
2744	30	7.73	7.73	48.	0.	0.00	0.01	7.76	7.76	0.	0.	0.00	0.00
2745	30	7.73	7.73	218.	0.	0.02	0.05	7.76	7.76	28.	0.	0.00	0.01
2746	30	7.73	7.73	270.	0.	0.02	0.07	7.76	7.76	516.	0.	0.04	0.13
2747	30	7.73	7.73	76.	0.	0.01	0.02	7.76	7.76	1380.	0.	0.11	0.34
2748	30	7.73	7.73	1585.	0.	0.13	0.40	7.76	7.76	2580.	0.	0.21	0.64
2749	30	7.73	7.73	1198.	0.	0.10	0.30	7.76	7.76	729.	0.	0.06	0.18
2750	30	7.73	7.73	644.	0.	0.05	0.16	7.76	7.76	0.	0.	0.00	0.00
2751	30	7.73	7.73	121.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
2752	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2753	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2754	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	223.	0.	0.02	0.06
2755	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	391.	0.	0.03	0.10
2764	30	7.73	7.73	1585.	0.	0.13	0.40	7.76	7.76	2549.	0.	0.21	0.63
2765	30	7.73	7.73	1198.	0.	0.10	0.30	7.76	7.76	729.	0.	0.06	0.18
2766	30	7.73	7.73	644.	0.	0.05	0.16	7.76	7.76	0.	0.	0.00	0.00
2767	30	7.73	7.73	118.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
2768	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2769	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2770	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	222.	0.	0.02	0.06
2771	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	391.	0.	0.03	0.10
2772	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	1343.	0.	0.11	0.33
2773	30	7.73	7.73	189.	0.	0.02	0.05	7.76	7.76	556.	0.	0.05	0.14
2774	30	7.73	7.73	193.	0.	0.02	0.05	7.76	7.76	37.	0.	0.00	0.01
2775	30	7.73	7.73	28.	0.	0.00	0.01	7.76	7.76	0.	0.	0.00	0.00
2776	30	7.73	7.73	49.	0.	0.00	0.01	7.76	7.76	0.	0.	0.00	0.00
2777	30	7.73	7.73	218.	0.	0.02	0.05	7.76	7.76	35.	0.	0.00	0.01
2778	30	7.73	7.73	269.	0.	0.02	0.07	7.76	7.76	516.	0.	0.04	0.13
2779	30	7.73	7.73	51.	0.	0.00	0.01	7.76	7.76	1381.	0.	0.11	0.34
2780	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	377.	0.	0.03	0.09
2781	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	131.	0.	0.01	0.03
2782	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2783	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2784	30	7.73	7.73	67.	0.	0.01	0.02	7.76	7.76	0.	0.	0.00	0.00
2785	30	7.73	7.73	495.	0.	0.04	0.12	7.76	7.76	0.	0.	0.00	0.00
2786	30	7.73	7.73	1231.	0.	0.10	0.31	7.76	7.76	553.	0.	0.05	0.14
2787	30	7.73	7.73	2009.	0.	0.17	0.50	7.76	7.76	2349.	0.	0.19	0.59
2788	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	368.	0.	0.03	0.09
2789	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	72.	0.	0.01	0.02
2790	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2791	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2792	30	7.73	7.73	27.	0.	0.00	0.01	7.76	7.76	0.	0.	0.00	0.00
2793	30	7.73	7.73	271.	0.	0.02	0.07	7.76	7.76	0.	0.	0.00	0.00
2794	30	7.73	7.73	1132.	0.	0.09	0.28	7.76	7.76	187.	0.	0.02	0.05
2795	30	7.73	7.73	2456.	0.	0.20	0.61	7.76	7.76	2577.	0.	0.21	0.64
2796	30	7.73	7.73	82.	0.	0.01	0.02	7.76	7.76	1211.	0.	0.10	0.30
2797	30	7.73	7.73	225.	0.	0.02	0.06	7.76	7.76	413.	0.	0.03	0.10
2798	30	7.73	7.73	104.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
2799	30	7.73	7.73	13.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2800	30	7.73	7.73	26.	0.	0.00	0.01	7.76	7.76	0.	0.	0.00	0.00
2801	30	7.73	7.73	95.	0.	0.01	0.02	7.76	7.76	0.	0.	0.00	0.00
2802	30	7.73	7.73	275.	0.	0.02	0.07	7.76	7.76	266.	0.	0.02	0.07
2803	30	7.73	7.73	213.	0.	0.02	0.05	7.76	7.76	1779.	0.	0.15	0.44
2804	30	7.73	7.73	1858.	0.	0.15	0.46	7.76	7.76	2087.	0.	0.17	0.52
2805	30	7.73	7.73	1183.	0.	0.10	0.30	7.76	7.76	440.	0.	0.04	0.11
2806	30	7.73	7.73	435.	0.	0.04	0.11	7.76	7.76	0.	0.	0.00	0.00
2807	30	7.73	7.73	113.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
2808	30	7.73	7.73	75.	0.	0.01	0.02	7.76	7.76	0.	0.	0.00	0.00
2809	30	7.73	7.73	155.	0.	0.01	0.04	7.76	7.76	0.	0.	0.00	0.00
2810	30	7.73	7.73	454.	0.	0.04	0.11	7.76	7.76	209.	0.	0.02	0.05
2811	30	7.73	7.73	959.	0.	0.08	0.24	7.76	7.76	1816.	0.	0.15	0.45
2812	30	7.73	7.73	996.	0.	0.08	0.25	7.76	7.76	1958.	0.	0.16	0.49
2813	30	7.73	7.73	490.	0.	0.04	0.12	7.76	7.76	353.	0.	0.03	0.09
2814	30	7.73	7.73	172.	0.	0.01	0.04	7.76	7.76	0.	0.	0.00	0.00
2815	30	7.73	7.73	67.	0.	0.01	0.02	7.76	7.76	0.	0.	0.00	0.00
2816	30	7.73	7.73	41.	0.	0.00	0.01	7.76	7.76	0.	0.	0.00	0.00
2817	30	7.73	7.73	70.	0.	0.01	0.02	7.76	7.76	0.	0.	0.00	0.00
2818	30	7.73	7.73	178.	0.	0.01	0.04	7.76	7.76	0.	0.	0.00	0.00
2819	30	7.73	7.73	503.	0.	0.04	0.13	7.76	7.76	328.	0.	0.03	0.08
2820	30	7.73	7.73	1020.	0.	0.08	0.26	7.76	7.76	1971.	0.	0.16	0.49
2821	30	7.73	7.73	165.	0.	0.01	0.04	7.76	7.76	1876.	0.	0.15	0.47
2822	30	7.73	7.73	265.	0.	0.02	0.07	7.76	7.76	424.	0.	0.03	0.11
2823	30	7.73	7.73	115.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
2824	30	7.73	7.73	58.	0.	0.00	0.01	7.76	7.76	0.	0.	0.00	0.00
2825	30	7.73	7.73	36.	0.	0.00	0.01	7.76	7.76	0.	0.	0.00	0.00
2826	30	7.73	7.73	52.	0.	0.00	0.01	7.76	7.76	0.	0.	0.00	0.00
2827	30	7.73	7.73	100.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
2828	30	7.73	7.73	225.	0.	0.02	0.06	7.76	7.76	374.	0.	0.03	0.09
2829	30	7.73	7.73	142.	0.	0.01	0.04	7.76	7.76	1802.	0.	0.15	0.45
2830	30	7.73	7.73	2525.	0.	0.21	0.63	7.76	7.76	2759.	0.	0.23	0.69
2831	30	7.73	7.73	1274.	0.	0.10	0.32	7.76	7.76	385.	0.	0.03	0.10
2832	30	7.73	7.73	412.	0.	0.03	0.10	7.76	7.76	0.	0.	0.00	0.00
2833	30	7.73	7.73	142.	0.	0.01	0.04	7.76	7.76	0.	0.	0.00	0.00
2834	30	7.73	7.73	76.	0.	0.01	0.02	7.76	7.76	0.	0.	0.00	0.00
2835	30	7.73	7.73	133.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
2836	30	7.73	7.73	380.	0.	0.03	0.10	7.76	7.76	0.	0.	0.00	0.00
2837	30	7.73	7.73	1207.	0.	0.10	0.30	7.76	7.76	369.	0.	0.03	0.09
2838	30	7.73	7.73	2249.	0.	0.18	0.56	7.76	7.76	2636.	0.	0.22	0.66
2839	30	7.73	7.73	1885.	0.	0.15	0.47	7.76	7.76	2362.	0.	0.19	0.59
2840	30	7.73	7.73	1283.	0.	0.11	0.32	7.76	7.76	695.	0.	0.06	0.17
2841	30	7.73	7.73	681.	0.	0.06	0.17	7.76	7.76	0.	0.	0.00	0.00
2842	30	7.73	7.73	152.	0.	0.01	0.04	7.76	7.76	0.	0.	0.00	0.00
2843	30	7.73	7.73	46.	0.	0.00	0.01	7.76	7.76	0.	0.	0.00	0.00
2844	30	7.73	7.73	141.	0.	0.01	0.04	7.76	7.76	0.	0.	0.00	0.00
2845	30	7.73	7.73	672.	0.	0.06	0.17	7.76	7.76	0.	0.	0.00	0.00

2846	30	7.73	7.73	1311.	0.	0.11	0.33	7.76	7.76	717.	0.	0.06	0.18
2847	30	7.73	7.73	1880.	0.	0.15	0.47	7.76	7.76	2423.	0.	0.20	0.60
2848	30	7.73	7.73	66.	0.	0.01	0.02	7.76	7.76	1439.	0.	0.12	0.36
2849	30	7.73	7.73	269.	0.	0.02	0.07	7.76	7.76	627.	0.	0.05	0.16
2850	30	7.73	7.73	235.	0.	0.02	0.06	7.76	7.76	95.	0.	0.01	0.02
2851	30	7.73	7.73	44.	0.	0.00	0.01	7.76	7.76	0.	0.	0.00	0.00
2852	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2853	30	7.73	7.73	42.	0.	0.00	0.01	7.76	7.76	0.	0.	0.00	0.00
2854	30	7.73	7.73	224.	0.	0.02	0.06	7.76	7.76	88.	0.	0.01	0.02
2855	30	7.73	7.73	256.	0.	0.02	0.06	7.76	7.76	634.	0.	0.05	0.16
2856	30	7.73	7.73	47.	0.	0.00	0.01	7.76	7.76	1425.	0.	0.12	0.35
2857	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	412.	0.	0.03	0.10
2858	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	261.	0.	0.02	0.06
2859	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	26.	0.	0.00	0.01
2860	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2861	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2862	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2863	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	24.	0.	0.00	0.01
2864	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	252.	0.	0.02	0.06
2865	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	391.	0.	0.03	0.10
2875	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	412.	0.	0.03	0.10
2876	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	261.	0.	0.02	0.06
2877	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	24.	0.	0.00	0.01
2878	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2879	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2880	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2881	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	11.	0.	0.00	0.00
2882	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	252.	0.	0.02	0.06
2883	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	391.	0.	0.03	0.10
2884	30	7.73	7.73	34.	0.	0.00	0.01	7.76	7.76	1440.	0.	0.12	0.36
2885	30	7.73	7.73	268.	0.	0.02	0.07	7.76	7.76	627.	0.	0.05	0.16
2886	30	7.73	7.73	235.	0.	0.02	0.06	7.76	7.76	106.	0.	0.01	0.03
2887	30	7.73	7.73	50.	0.	0.00	0.01	7.76	7.76	0.	0.	0.00	0.00
2888	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2889	30	7.73	7.73	35.	0.	0.00	0.01	7.76	7.76	0.	0.	0.00	0.00
2890	30	7.73	7.73	221.	0.	0.02	0.06	7.76	7.76	97.	0.	0.01	0.02
2891	30	7.73	7.73	252.	0.	0.02	0.06	7.76	7.76	634.	0.	0.05	0.16
2892	30	7.73	7.73	15.	0.	0.00	0.00	7.76	7.76	1425.	0.	0.12	0.35
2893	30	7.73	7.73	1888.	0.	0.16	0.47	7.76	7.76	2363.	0.	0.19	0.59
2894	30	7.73	7.73	1285.	0.	0.11	0.32	7.76	7.76	696.	0.	0.06	0.17
2895	30	7.73	7.73	681.	0.	0.06	0.17	7.76	7.76	0.	0.	0.00	0.00
2896	30	7.73	7.73	153.	0.	0.01	0.04	7.76	7.76	0.	0.	0.00	0.00
2897	30	7.73	7.73	44.	0.	0.00	0.01	7.76	7.76	0.	0.	0.00	0.00
2898	30	7.73	7.73	141.	0.	0.01	0.04	7.76	7.76	0.	0.	0.00	0.00
2899	30	7.73	7.73	672.	0.	0.06	0.17	7.76	7.76	0.	0.	0.00	0.00
2900	30	7.73	7.73	1311.	0.	0.11	0.33	7.76	7.76	715.	0.	0.06	0.18
2901	30	7.73	7.73	1881.	0.	0.15	0.47	7.76	7.76	2423.	0.	0.20	0.60
2902	30	7.73	7.73	2529.	0.	0.21	0.63	7.76	7.76	2761.	0.	0.23	0.69
2903	30	7.73	7.73	1275.	0.	0.10	0.32	7.76	7.76	386.	0.	0.03	0.10
2904	30	7.73	7.73	412.	0.	0.03	0.10	7.76	7.76	0.	0.	0.00	0.00
2905	30	7.73	7.73	142.	0.	0.01	0.04	7.76	7.76	0.	0.	0.00	0.00
2906	30	7.73	7.73	76.	0.	0.01	0.02	7.76	7.76	0.	0.	0.00	0.00
2907	30	7.73	7.73	133.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
2908	30	7.73	7.73	380.	0.	0.03	0.10	7.76	7.76	0.	0.	0.00	0.00
2909	30	7.73	7.73	1208.	0.	0.10	0.30	7.76	7.76	365.	0.	0.03	0.09
2910	30	7.73	7.73	2252.	0.	0.19	0.56	7.76	7.76	2636.	0.	0.22	0.66
2911	30	7.73	7.73	187.	0.	0.02	0.05	7.76	7.76	1877.	0.	0.15	0.47
2912	30	7.73	7.73	265.	0.	0.02	0.07	7.76	7.76	424.	0.	0.03	0.11
2913	30	7.73	7.73	115.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
2914	30	7.73	7.73	60.	0.	0.00	0.01	7.76	7.76	0.	0.	0.00	0.00
2915	30	7.73	7.73	39.	0.	0.00	0.01	7.76	7.76	0.	0.	0.00	0.00
2916	30	7.73	7.73	54.	0.	0.00	0.01	7.76	7.76	0.	0.	0.00	0.00
2917	30	7.73	7.73	100.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
2918	30	7.73	7.73	225.	0.	0.02	0.06	7.76	7.76	374.	0.	0.03	0.09
2919	30	7.73	7.73	159.	0.	0.01	0.04	7.76	7.76	1802.	0.	0.15	0.45
2920	30	7.73	7.73	997.	0.	0.08	0.25	7.76	7.76	1958.	0.	0.16	0.49
2921	30	7.73	7.73	490.	0.	0.04	0.12	7.76	7.76	353.	0.	0.03	0.09
2922	30	7.73	7.73	172.	0.	0.01	0.04	7.76	7.76	0.	0.	0.00	0.00
2923	30	7.73	7.73	69.	0.	0.01	0.02	7.76	7.76	0.	0.	0.00	0.00
2924	30	7.73	7.73	44.	0.	0.00	0.01	7.76	7.76	0.	0.	0.00	0.00
2925	30	7.73	7.73	71.	0.	0.01	0.02	7.76	7.76	0.	0.	0.00	0.00
2926	30	7.73	7.73	178.	0.	0.01	0.04	7.76	7.76	0.	0.	0.00	0.00
2927	30	7.73	7.73	503.	0.	0.04	0.13	7.76	7.76	328.	0.	0.03	0.08
2928	30	7.73	7.73	1021.	0.	0.08	0.26	7.76	7.76	1972.	0.	0.16	0.49
2929	30	7.73	7.73	954.	0.	0.08	0.24	7.76	7.76	1828.	0.	0.15	0.46
2930	30	7.73	7.73	428.	0.	0.04	0.11	7.76	7.76	202.	0.	0.02	0.05
2931	30	7.73	7.73	126.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
2932	30	7.73	7.73	58.	0.	0.00	0.01	7.76	7.76	0.	0.	0.00	0.00
2933	30	7.73	7.73	108.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
2934	30	7.73	7.73	435.	0.	0.04	0.11	7.76	7.76	0.	0.	0.00	0.00
2935	30	7.73	7.73	1143.	0.	0.09	0.29	7.76	7.76	427.	0.	0.04	0.11
2936	30	7.73	7.73	1722.	0.	0.14	0.43	7.76	7.76	1866.	0.	0.15	0.46
2937	30	7.73	7.73	171.	0.	0.01	0.04	7.76	7.76	1723.	0.	0.14	0.43
2938	30	7.73	7.73	264.	0.	0.02	0.07	7.76	7.76	264.	0.	0.02	0.07
2939	30	7.73	7.73	145.	0.	0.01	0.04	7.76	7.76	0.	0.	0.00	0.00
2940	30	7.73	7.73	38.	0.	0.00	0.01	7.76	7.76	0.	0.	0.00	0.00
2941	30	7.73	7.73	24.	0.	0.00	0.01	7.76	7.76	0.	0.	0.00	0.00
2942	30	7.73	7.73	109.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
2943	30	7.73	7.73	226.	0.	0.02	0.06	7.76	7.76	403.	0.	0.03	0.10
2944	30	7.73	7.73	98.	0.	0.01	0.02	7.76	7.76	1199.	0.	0.10	0.30
2945	30	7.73	7.73	2448.	0.	0.20	0.61	7.76	7.76	2519.	0.	0.21	0.63
2946	30	7.73	7.73	1456.	0.	0.12	0.36	7.76	7.76	185.	0.	0.02	0.05
2947	30	7.73	7.73	766.	0.	0.06	0.19	7.76	7.76	0.	0.	0.00	0.00
2948	30	7.73	7.73	133.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
2949	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00

2950	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2951	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	67.	0.	0.01	0.02
2952	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	360.	0.	0.03	0.09
2953	30	7.73	7.73	1578.	0.	0.13	0.39	7.76	7.76	2030.	0.	0.17	0.51
2954	30	7.73	7.73	973.	0.	0.08	0.24	7.76	7.76	292.	0.	0.02	0.07
2955	30	7.73	7.73	554.	0.	0.05	0.14	7.76	7.76	0.	0.	0.00	0.00
2956	30	7.73	7.73	14.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2957	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2958	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2959	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	120.	0.	0.01	0.03
2960	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	370.	0.	0.03	0.09
2961	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	1273.	0.	0.10	0.32
2962	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	355.	0.	0.03	0.09
2963	30	7.73	7.73	104.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
2964	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2965	30	7.73	7.73	29.	0.	0.00	0.01	7.76	7.76	0.	0.	0.00	0.00
2966	30	7.73	7.73	194.	0.	0.02	0.05	7.76	7.76	39.	0.	0.00	0.01
2967	30	7.73	7.73	174.	0.	0.01	0.04	7.76	7.76	550.	0.	0.05	0.14
2968	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	1324.	0.	0.11	0.33
2969	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	336.	0.	0.03	0.08
2970	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	85.	0.	0.01	0.02
2971	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2972	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2973	30	7.73	7.73	118.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
2974	30	7.73	7.73	636.	0.	0.05	0.16	7.76	7.76	0.	0.	0.00	0.00
2975	30	7.73	7.73	1180.	0.	0.10	0.30	7.76	7.76	731.	0.	0.06	0.18
2976	30	7.73	7.73	1563.	0.	0.13	0.39	7.76	7.76	2574.	0.	0.21	0.64
2985	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	336.	0.	0.03	0.08
2986	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	69.	0.	0.01	0.02
2987	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2988	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2989	30	7.73	7.73	113.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
2990	30	7.73	7.73	636.	0.	0.05	0.16	7.76	7.76	0.	0.	0.00	0.00
2991	30	7.73	7.73	1180.	0.	0.10	0.30	7.76	7.76	731.	0.	0.06	0.18
2992	30	7.73	7.73	1563.	0.	0.13	0.39	7.76	7.76	2526.	0.	0.21	0.63
2993	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	1273.	0.	0.10	0.32
2994	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	355.	0.	0.03	0.09
2995	30	7.73	7.73	100.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
2996	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2997	30	7.73	7.73	30.	0.	0.00	0.01	7.76	7.76	0.	0.	0.00	0.00
2998	30	7.73	7.73	195.	0.	0.02	0.05	7.76	7.76	39.	0.	0.00	0.01
2999	30	7.73	7.73	192.	0.	0.02	0.05	7.76	7.76	550.	0.	0.05	0.14
3000	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	1324.	0.	0.11	0.33
3001	30	7.73	7.73	1583.	0.	0.13	0.40	7.76	7.76	2030.	0.	0.17	0.51
3002	30	7.73	7.73	977.	0.	0.08	0.24	7.76	7.76	297.	0.	0.02	0.07
3003	30	7.73	7.73	554.	0.	0.05	0.14	7.76	7.76	0.	0.	0.00	0.00
3004	30	7.73	7.73	17.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3005	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3006	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3007	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	125.	0.	0.01	0.03
3008	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	370.	0.	0.03	0.09
3009	30	7.73	7.73	2452.	0.	0.20	0.61	7.76	7.76	2519.	0.	0.21	0.63
3010	30	7.73	7.73	1458.	0.	0.12	0.36	7.76	7.76	162.	0.	0.01	0.04
3011	30	7.73	7.73	766.	0.	0.06	0.19	7.76	7.76	0.	0.	0.00	0.00
3012	30	7.73	7.73	145.	0.	0.01	0.04	7.76	7.76	0.	0.	0.00	0.00
3013	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3014	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3015	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	60.	0.	0.00	0.01
3016	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	360.	0.	0.03	0.09
3017	30	7.73	7.73	183.	0.	0.02	0.05	7.76	7.76	1723.	0.	0.14	0.43
3018	30	7.73	7.73	265.	0.	0.02	0.07	7.76	7.76	264.	0.	0.02	0.07
3019	30	7.73	7.73	145.	0.	0.01	0.04	7.76	7.76	0.	0.	0.00	0.00
3020	30	7.73	7.73	42.	0.	0.00	0.01	7.76	7.76	0.	0.	0.00	0.00
3021	30	7.73	7.73	28.	0.	0.00	0.01	7.76	7.76	0.	0.	0.00	0.00
3022	30	7.73	7.73	109.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
3023	30	7.73	7.73	227.	0.	0.02	0.06	7.76	7.76	403.	0.	0.03	0.10
3024	30	7.73	7.73	76.	0.	0.01	0.02	7.76	7.76	1199.	0.	0.10	0.30
3025	30	7.73	7.73	955.	0.	0.08	0.24	7.76	7.76	1828.	0.	0.15	0.46
3026	30	7.73	7.73	428.	0.	0.04	0.11	7.76	7.76	202.	0.	0.02	0.05
3027	30	7.73	7.73	127.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
3028	30	7.73	7.73	58.	0.	0.00	0.01	7.76	7.76	0.	0.	0.00	0.00
3029	30	7.73	7.73	108.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
3030	30	7.73	7.73	435.	0.	0.04	0.11	7.76	7.76	0.	0.	0.00	0.00
3031	30	7.73	7.73	1143.	0.	0.09	0.29	7.76	7.76	431.	0.	0.04	0.11
3032	30	7.73	7.73	1722.	0.	0.14	0.43	7.76	7.76	1868.	0.	0.15	0.47
3033	30	7.73	7.73	1845.	0.	0.15	0.46	7.76	7.76	2068.	0.	0.17	0.51
3034	30	7.73	7.73	1175.	0.	0.10	0.29	7.76	7.76	443.	0.	0.04	0.11
3035	30	7.73	7.73	435.	0.	0.04	0.11	7.76	7.76	0.	0.	0.00	0.00
3036	30	7.73	7.73	129.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
3037	30	7.73	7.73	139.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
3038	30	7.73	7.73	581.	0.	0.05	0.15	7.76	7.76	0.	0.	0.00	0.00
3039	30	7.73	7.73	1673.	0.	0.14	0.42	7.76	7.76	484.	0.	0.04	0.12
3040	30	7.73	7.73	2329.	0.	0.19	0.58	7.76	7.76	2692.	0.	0.22	0.67
3041	30	7.73	7.73	81.	0.	0.01	0.02	7.76	7.76	1209.	0.	0.10	0.30
3042	30	7.73	7.73	220.	0.	0.02	0.05	7.76	7.76	432.	0.	0.04	0.11
3043	30	7.73	7.73	96.	0.	0.01	0.02	7.76	7.76	0.	0.	0.00	0.00
3044	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3045	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3046	30	7.73	7.73	150.	0.	0.01	0.04	7.76	7.76	0.	0.	0.00	0.00
3047	30	7.73	7.73	304.	0.	0.03	0.08	7.76	7.76	535.	0.	0.04	0.13
3048	30	7.73	7.73	104.	0.	0.01	0.03	7.76	7.76	1693.	0.	0.14	0.42
3049	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	370.	0.	0.03	0.09
3050	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	100.	0.	0.01	0.02
3051	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3052	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00

3053	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3054	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3055	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	152.	0.	0.01	0.04
3056	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	460.	0.	0.04	0.11
3057	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	377.	0.	0.03	0.09
3058	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	127.	0.	0.01	0.03
3059	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3060	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3061	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3062	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3063	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	75.	0.	0.01	0.02
3064	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	378.	0.	0.03	0.09
3065	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	1325.	0.	0.11	0.33
3066	30	7.73	7.73	151.	0.	0.01	0.04	7.76	7.76	552.	0.	0.05	0.14
3067	30	7.73	7.73	100.	0.	0.01	0.02	7.76	7.76	12.	0.	0.00	0.00
3068	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3069	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3070	30	7.73	7.73	78.	0.	0.01	0.02	7.76	7.76	0.	0.	0.00	0.00
3071	30	7.73	7.73	132.	0.	0.01	0.03	7.76	7.76	520.	0.	0.04	0.13
3072	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	1288.	0.	0.11	0.32
3073	30	7.73	7.73	1444.	0.	0.12	0.36	7.76	7.76	2457.	0.	0.20	0.61
3074	30	7.73	7.73	1179.	0.	0.10	0.29	7.76	7.76	727.	0.	0.06	0.18
3075	30	7.73	7.73	595.	0.	0.05	0.15	7.76	7.76	0.	0.	0.00	0.00
3076	30	7.73	7.73	108.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
3077	30	7.73	7.73	111.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
3078	30	7.73	7.73	583.	0.	0.05	0.15	7.76	7.76	0.	0.	0.00	0.00
3079	30	7.73	7.73	1165.	0.	0.10	0.29	7.76	7.76	705.	0.	0.06	0.18
3080	30	7.73	7.73	1441.	0.	0.12	0.36	7.76	7.76	2617.	0.	0.21	0.65
3089	30	7.73	7.73	1444.	0.	0.12	0.36	7.76	7.76	2659.	0.	0.22	0.66
3090	30	7.73	7.73	1179.	0.	0.10	0.29	7.76	7.76	727.	0.	0.06	0.18
3091	30	7.73	7.73	595.	0.	0.05	0.15	7.76	7.76	0.	0.	0.00	0.00
3092	30	7.73	7.73	108.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
3093	30	7.73	7.73	111.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
3094	30	7.73	7.73	583.	0.	0.05	0.15	7.76	7.76	0.	0.	0.00	0.00
3095	30	7.73	7.73	1165.	0.	0.10	0.29	7.76	7.76	705.	0.	0.06	0.18
3096	30	7.73	7.73	1441.	0.	0.12	0.36	7.76	7.76	2412.	0.	0.20	0.60
3097	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	1325.	0.	0.11	0.33
3098	30	7.73	7.73	168.	0.	0.01	0.04	7.76	7.76	552.	0.	0.05	0.14
3099	30	7.73	7.73	102.	0.	0.01	0.03	7.76	7.76	9.	0.	0.00	0.00
3100	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3101	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3102	30	7.73	7.73	83.	0.	0.01	0.02	7.76	7.76	0.	0.	0.00	0.00
3103	30	7.73	7.73	151.	0.	0.01	0.04	7.76	7.76	520.	0.	0.04	0.13
3104	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	1288.	0.	0.11	0.32
3105	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	377.	0.	0.03	0.09
3106	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	134.	0.	0.01	0.03
3107	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3108	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3109	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3110	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3111	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	80.	0.	0.01	0.02
3112	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	378.	0.	0.03	0.09
3113	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	370.	0.	0.03	0.09
3114	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	96.	0.	0.01	0.02
3115	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3116	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3117	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3118	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3119	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	137.	0.	0.01	0.03
3120	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	460.	0.	0.04	0.11
3121	30	7.73	7.73	56.	0.	0.00	0.01	7.76	7.76	1209.	0.	0.10	0.30
3122	30	7.73	7.73	218.	0.	0.02	0.05	7.76	7.76	432.	0.	0.04	0.11
3123	30	7.73	7.73	95.	0.	0.01	0.02	7.76	7.76	0.	0.	0.00	0.00
3124	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3125	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3126	30	7.73	7.73	150.	0.	0.01	0.04	7.76	7.76	0.	0.	0.00	0.00
3127	30	7.73	7.73	305.	0.	0.03	0.08	7.76	7.76	535.	0.	0.04	0.13
3128	30	7.73	7.73	49.	0.	0.00	0.01	7.76	7.76	1693.	0.	0.14	0.42
3129	30	7.73	7.73	1845.	0.	0.15	0.46	7.76	7.76	2067.	0.	0.17	0.51
3130	30	7.73	7.73	1175.	0.	0.10	0.29	7.76	7.76	452.	0.	0.04	0.11
3131	30	7.73	7.73	435.	0.	0.04	0.11	7.76	7.76	0.	0.	0.00	0.00
3132	30	7.73	7.73	129.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
3133	30	7.73	7.73	139.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
3134	30	7.73	7.73	581.	0.	0.05	0.15	7.76	7.76	0.	0.	0.00	0.00
3135	30	7.73	7.73	1674.	0.	0.14	0.42	7.76	7.76	494.	0.	0.04	0.12
3136	30	7.73	7.73	2330.	0.	0.19	0.58	7.76	7.76	2693.	0.	0.22	0.67
3137	30	7.73	7.73	1084.	0.	0.09	0.27	7.76	7.76	3300.	0.	0.27	0.82
3138	30	7.73	7.73	502.	0.	0.04	0.13	7.76	7.76	1234.	0.	0.10	0.31
3139	30	7.73	7.73	246.	0.	0.02	0.06	7.76	7.76	303.	0.	0.02	0.08
3140	30	7.73	7.73	20.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3141	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	1313.	0.	0.11	0.33
3142	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	725.	0.	0.06	0.18
3143	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	167.	0.	0.01	0.04
3144	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	21.	0.	0.00	0.01
3145	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	473.	0.	0.04	0.12
3146	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	269.	0.	0.02	0.07
3147	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	90.	0.	0.01	0.02
3148	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	13.	0.	0.00	0.00
3149	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	432.	0.	0.04	0.11
3150	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	253.	0.	0.02	0.06
3151	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	85.	0.	0.01	0.02
3152	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	5.	0.	0.00	0.00
3153	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	1344.	0.	0.11	0.33
3154	30	7.73	7.73	115.	0.	0.01	0.03	7.76	7.76	755.	0.	0.06	0.19
3155	30	7.73	7.73	175.	0.	0.01	0.04	7.76	7.76	307.	0.	0.03	0.08

3156	30	7.73	7.73	148.	0.	0.01	0.04	7.76	7.76	108.	0.	0.01	0.03
3157	30	7.73	7.73	1492.	0.	0.12	0.37	7.76	7.76	2688.	0.	0.22	0.67
3158	30	7.73	7.73	1326.	0.	0.11	0.33	7.76	7.76	995.	0.	0.08	0.25
3159	30	7.73	7.73	828.	0.	0.07	0.21	7.76	7.76	231.	0.	0.02	0.06
3160	30	7.73	7.73	464.	0.	0.04	0.12	7.76	7.76	36.	0.	0.00	0.01
3165	30	7.73	7.73	1492.	0.	0.12	0.37	7.76	7.76	2502.	0.	0.21	0.62
3166	30	7.73	7.73	1326.	0.	0.11	0.33	7.76	7.76	995.	0.	0.08	0.25
3167	30	7.73	7.73	828.	0.	0.07	0.21	7.76	7.76	212.	0.	0.02	0.05
3168	30	7.73	7.73	464.	0.	0.04	0.12	7.76	7.76	27.	0.	0.00	0.01
3169	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	1344.	0.	0.11	0.33
3170	30	7.73	7.73	132.	0.	0.01	0.03	7.76	7.76	755.	0.	0.06	0.19
3171	30	7.73	7.73	175.	0.	0.01	0.04	7.76	7.76	307.	0.	0.03	0.08
3172	30	7.73	7.73	148.	0.	0.01	0.04	7.76	7.76	108.	0.	0.01	0.03
3173	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	432.	0.	0.04	0.11
3174	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	253.	0.	0.02	0.06
3175	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	85.	0.	0.01	0.02
3176	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	6.	0.	0.00	0.00
3177	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	473.	0.	0.04	0.12
3178	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	269.	0.	0.02	0.07
3179	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	90.	0.	0.01	0.02
3180	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	13.	0.	0.00	0.00
3181	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	1313.	0.	0.11	0.33
3182	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	725.	0.	0.06	0.18
3183	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	167.	0.	0.01	0.04
3184	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	22.	0.	0.00	0.01
3185	30	7.73	7.73	1086.	0.	0.09	0.27	7.76	7.76	3300.	0.	0.27	0.82
3186	30	7.73	7.73	502.	0.	0.04	0.13	7.76	7.76	1234.	0.	0.10	0.31
3187	30	7.73	7.73	246.	0.	0.02	0.06	7.76	7.76	304.	0.	0.02	0.08
3188	30	7.73	7.73	25.	0.	0.00	0.01	7.76	7.76	0.	0.	0.00	0.00
3197	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	1080.	0.	0.09	0.27
3198	30	7.73	7.73	258.	0.	0.02	0.06	7.76	7.76	1562.	0.	0.13	0.39
3199	30	7.73	7.73	629.	0.	0.05	0.16	7.76	7.76	1342.	0.	0.11	0.33
3200	30	7.73	7.73	792.	0.	0.07	0.20	7.76	7.76	1113.	0.	0.09	0.28
3201	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	52.	0.	0.00	0.01
3202	30	7.73	7.73	117.	0.	0.01	0.03	7.76	7.76	273.	0.	0.02	0.07
3203	30	7.73	7.73	350.	0.	0.03	0.09	7.76	7.76	163.	0.	0.01	0.04
3204	30	7.73	7.73	534.	0.	0.04	0.13	7.76	7.76	10.	0.	0.00	0.00
3205	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3206	30	7.73	7.73	5.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3207	30	7.73	7.73	76.	0.	0.01	0.02	7.76	7.76	0.	0.	0.00	0.00
3208	30	7.73	7.73	162.	0.	0.01	0.04	7.76	7.76	0.	0.	0.00	0.00
3209	30	7.73	7.73	351.	0.	0.03	0.09	7.76	7.76	0.	0.	0.00	0.00
3210	30	7.73	7.73	368.	0.	0.03	0.09	7.76	7.76	0.	0.	0.00	0.00
3211	30	7.73	7.73	206.	0.	0.02	0.05	7.76	7.76	0.	0.	0.00	0.00
3212	30	7.73	7.73	133.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
3213	30	7.73	7.73	1387.	0.	0.11	0.35	7.76	7.76	206.	0.	0.02	0.05
3214	30	7.73	7.73	686.	0.	0.06	0.17	7.76	7.76	427.	0.	0.04	0.11
3215	30	7.73	7.73	243.	0.	0.02	0.06	7.76	7.76	349.	0.	0.03	0.09
3216	30	7.73	7.73	149.	0.	0.01	0.04	7.76	7.76	204.	0.	0.02	0.05
3217	30	7.73	7.73	2666.	0.	0.22	0.67	7.76	7.76	2252.	0.	0.18	0.56
3218	30	7.73	7.73	735.	0.	0.06	0.18	7.76	7.76	1604.	0.	0.13	0.40
3219	30	7.73	7.73	58.	0.	0.00	0.01	7.76	7.76	874.	0.	0.07	0.22
3220	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	373.	0.	0.03	0.09
3221	30	7.73	7.73	2803.	0.	0.23	0.70	7.76	7.76	2262.	0.	0.19	0.56
3222	30	7.73	7.73	814.	0.	0.07	0.20	7.76	7.76	1615.	0.	0.13	0.40
3223	30	7.73	7.73	26.	0.	0.00	0.01	7.76	7.76	883.	0.	0.07	0.22
3224	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	351.	0.	0.03	0.09
3225	30	7.73	7.73	1459.	0.	0.12	0.36	7.76	7.76	258.	0.	0.02	0.06
3226	30	7.73	7.73	727.	0.	0.06	0.18	7.76	7.76	477.	0.	0.04	0.12
3227	30	7.73	7.73	245.	0.	0.02	0.06	7.76	7.76	403.	0.	0.03	0.10
3228	30	7.73	7.73	65.	0.	0.01	0.02	7.76	7.76	279.	0.	0.02	0.07
3229	30	7.73	7.73	469.	0.	0.04	0.12	7.76	7.76	0.	0.	0.00	0.00
3230	30	7.73	7.73	465.	0.	0.04	0.12	7.76	7.76	0.	0.	0.00	0.00
3231	30	7.73	7.73	219.	0.	0.02	0.05	7.76	7.76	43.	0.	0.00	0.01
3232	30	7.73	7.73	98.	0.	0.01	0.02	7.76	7.76	62.	0.	0.01	0.02
3233	30	7.73	7.73	183.	0.	0.02	0.05	7.76	7.76	0.	0.	0.00	0.00
3234	30	7.73	7.73	142.	0.	0.01	0.04	7.76	7.76	0.	0.	0.00	0.00
3235	30	7.73	7.73	69.	0.	0.01	0.02	7.76	7.76	0.	0.	0.00	0.00
3236	30	7.73	7.73	6.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3237	30	7.73	7.73	184.	0.	0.02	0.05	7.76	7.76	0.	0.	0.00	0.00
3238	30	7.73	7.73	146.	0.	0.01	0.04	7.76	7.76	0.	0.	0.00	0.00
3239	30	7.73	7.73	76.	0.	0.01	0.02	7.76	7.76	0.	0.	0.00	0.00
3240	30	7.73	7.73	11.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3241	30	7.73	7.73	475.	0.	0.04	0.12	7.76	7.76	0.	0.	0.00	0.00
3242	30	7.73	7.73	473.	0.	0.04	0.12	7.76	7.76	0.	0.	0.00	0.00
3243	30	7.73	7.73	227.	0.	0.02	0.06	7.76	7.76	42.	0.	0.00	0.01
3244	30	7.73	7.73	108.	0.	0.01	0.03	7.76	7.76	64.	0.	0.01	0.02
3245	30	7.73	7.73	1442.	0.	0.12	0.36	7.76	7.76	264.	0.	0.02	0.07
3246	30	7.73	7.73	737.	0.	0.06	0.18	7.76	7.76	483.	0.	0.04	0.12
3247	30	7.73	7.73	261.	0.	0.02	0.07	7.76	7.76	415.	0.	0.03	0.10
3248	30	7.73	7.73	79.	0.	0.01	0.02	7.76	7.76	297.	0.	0.02	0.07
3249	30	7.73	7.73	2672.	0.	0.22	0.67	7.76	7.76	2260.	0.	0.19	0.56
3250	30	7.73	7.73	766.	0.	0.06	0.19	7.76	7.76	1637.	0.	0.13	0.41
3251	30	7.73	7.73	56.	0.	0.00	0.01	7.76	7.76	912.	0.	0.07	0.23
3252	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	414.	0.	0.03	0.10
3253	30	7.73	7.73	2809.	0.	0.23	0.70	7.76	7.76	2299.	0.	0.19	0.57
3254	30	7.73	7.73	833.	0.	0.07	0.21	7.76	7.76	1640.	0.	0.13	0.41
3255	30	7.73	7.73	76.	0.	0.01	0.02	7.76	7.76	920.	0.	0.08	0.23
3256	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	428.	0.	0.04	0.11
3257	30	7.73	7.73	1465.	0.	0.12	0.37	7.76	7.76	259.	0.	0.02	0.06
3258	30	7.73	7.73	731.	0.	0.06	0.18	7.76	7.76	489.	0.	0.04	0.12
3259	30	7.73	7.73	263.	0.	0.02	0.07	7.76	7.76	427.	0.	0.04	0.11
3260	30	7.73	7.73	85.	0.	0.01	0.02	7.76	7.76	312.	0.	0.03	0.08
3261	30	7.73	7.73	452.	0.	0.04	0.11	7.76	7.76	0.	0.	0.00	0.00
3262	30	7.73	7.73	459.	0.	0.04	0.11	7.76	7.76	0.	0.	0.00	0.00

3263	30	7.73	7.73	238.	0.	0.02	0.06	7.76	7.76	59.	0.	0.00	0.01
3264	30	7.73	7.73	113.	0.	0.01	0.03	7.76	7.76	86.	0.	0.01	0.02
3265	30	7.73	7.73	140.	0.	0.01	0.04	7.76	7.76	0.	0.	0.00	0.00
3266	30	7.73	7.73	108.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
3267	30	7.73	7.73	72.	0.	0.01	0.02	7.76	7.76	0.	0.	0.00	0.00
3268	30	7.73	7.73	20.	0.	0.00	0.01	7.76	7.76	0.	0.	0.00	0.00
3269	30	7.73	7.73	104.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
3270	30	7.73	7.73	70.	0.	0.01	0.02	7.76	7.76	0.	0.	0.00	0.00
3271	30	7.73	7.73	27.	0.	0.00	0.01	7.76	7.76	0.	0.	0.00	0.00
3272	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3273	30	7.73	7.73	299.	0.	0.02	0.07	7.76	7.76	0.	0.	0.00	0.00
3274	30	7.73	7.73	239.	0.	0.02	0.06	7.76	7.76	0.	0.	0.00	0.00
3275	30	7.73	7.73	89.	0.	0.01	0.02	7.76	7.76	0.	0.	0.00	0.00
3276	30	7.73	7.73	19.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3277	30	7.73	7.73	761.	0.	0.06	0.19	7.76	7.76	347.	0.	0.03	0.09
3278	30	7.73	7.73	328.	0.	0.03	0.08	7.76	7.76	342.	0.	0.03	0.09
3279	30	7.73	7.73	82.	0.	0.01	0.02	7.76	7.76	188.	0.	0.02	0.05
3280	30	7.73	7.73	16.	0.	0.00	0.00	7.76	7.76	69.	0.	0.01	0.02
3281	30	7.73	7.73	1206.	0.	0.10	0.30	7.76	7.76	1562.	0.	0.13	0.39
3282	30	7.73	7.73	196.	0.	0.02	0.05	7.76	7.76	1071.	0.	0.09	0.27
3283	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	358.	0.	0.03	0.09
3284	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	16.	0.	0.00	0.00
3293	30	7.73	7.73	792.	0.	0.07	0.20	7.76	7.76	1113.	0.	0.09	0.28
3294	30	7.73	7.73	629.	0.	0.05	0.16	7.76	7.76	1342.	0.	0.11	0.33
3295	30	7.73	7.73	260.	0.	0.02	0.07	7.76	7.76	1562.	0.	0.13	0.39
3296	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	1080.	0.	0.09	0.27
3297	30	7.73	7.73	534.	0.	0.04	0.13	7.76	7.76	0.	0.	0.00	0.00
3298	30	7.73	7.73	350.	0.	0.03	0.09	7.76	7.76	158.	0.	0.01	0.04
3299	30	7.73	7.73	120.	0.	0.01	0.03	7.76	7.76	273.	0.	0.02	0.07
3300	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	51.	0.	0.00	0.01
3301	30	7.73	7.73	162.	0.	0.01	0.04	7.76	7.76	0.	0.	0.00	0.00
3302	30	7.73	7.73	75.	0.	0.01	0.02	7.76	7.76	0.	0.	0.00	0.00
3303	30	7.73	7.73	3.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3304	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3305	30	7.73	7.73	133.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
3306	30	7.73	7.73	206.	0.	0.02	0.05	7.76	7.76	0.	0.	0.00	0.00
3307	30	7.73	7.73	369.	0.	0.03	0.09	7.76	7.76	0.	0.	0.00	0.00
3308	30	7.73	7.73	349.	0.	0.03	0.09	7.76	7.76	0.	0.	0.00	0.00
3309	30	7.73	7.73	149.	0.	0.01	0.04	7.76	7.76	204.	0.	0.02	0.05
3310	30	7.73	7.73	243.	0.	0.02	0.06	7.76	7.76	349.	0.	0.03	0.09
3311	30	7.73	7.73	686.	0.	0.06	0.17	7.76	7.76	427.	0.	0.04	0.11
3312	30	7.73	7.73	1387.	0.	0.11	0.35	7.76	7.76	197.	0.	0.02	0.05
3313	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	373.	0.	0.03	0.09
3314	30	7.73	7.73	59.	0.	0.00	0.01	7.76	7.76	874.	0.	0.07	0.22
3315	30	7.73	7.73	736.	0.	0.06	0.18	7.76	7.76	1605.	0.	0.13	0.40
3316	30	7.73	7.73	2667.	0.	0.22	0.67	7.76	7.76	2253.	0.	0.18	0.56
3317	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	351.	0.	0.03	0.09
3318	30	7.73	7.73	27.	0.	0.00	0.01	7.76	7.76	883.	0.	0.07	0.22
3319	30	7.73	7.73	815.	0.	0.07	0.20	7.76	7.76	1615.	0.	0.13	0.40
3320	30	7.73	7.73	2804.	0.	0.23	0.70	7.76	7.76	2263.	0.	0.19	0.56
3321	30	7.73	7.73	66.	0.	0.01	0.02	7.76	7.76	279.	0.	0.02	0.07
3322	30	7.73	7.73	245.	0.	0.02	0.06	7.76	7.76	403.	0.	0.03	0.10
3323	30	7.73	7.73	728.	0.	0.06	0.18	7.76	7.76	477.	0.	0.04	0.12
3324	30	7.73	7.73	1460.	0.	0.12	0.37	7.76	7.76	257.	0.	0.02	0.06
3325	30	7.73	7.73	99.	0.	0.01	0.02	7.76	7.76	62.	0.	0.01	0.02
3326	30	7.73	7.73	219.	0.	0.02	0.05	7.76	7.76	42.	0.	0.00	0.01
3327	30	7.73	7.73	465.	0.	0.04	0.12	7.76	7.76	0.	0.	0.00	0.00
3328	30	7.73	7.73	469.	0.	0.04	0.12	7.76	7.76	0.	0.	0.00	0.00
3329	30	7.73	7.73	6.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3330	30	7.73	7.73	69.	0.	0.01	0.02	7.76	7.76	0.	0.	0.00	0.00
3331	30	7.73	7.73	142.	0.	0.01	0.04	7.76	7.76	0.	0.	0.00	0.00
3332	30	7.73	7.73	183.	0.	0.02	0.05	7.76	7.76	0.	0.	0.00	0.00
3333	30	7.73	7.73	12.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3334	30	7.73	7.73	76.	0.	0.01	0.02	7.76	7.76	0.	0.	0.00	0.00
3335	30	7.73	7.73	146.	0.	0.01	0.04	7.76	7.76	0.	0.	0.00	0.00
3336	30	7.73	7.73	184.	0.	0.02	0.05	7.76	7.76	0.	0.	0.00	0.00
3337	30	7.73	7.73	108.	0.	0.01	0.03	7.76	7.76	64.	0.	0.01	0.02
3338	30	7.73	7.73	227.	0.	0.02	0.06	7.76	7.76	38.	0.	0.00	0.01
3339	30	7.73	7.73	473.	0.	0.04	0.12	7.76	7.76	0.	0.	0.00	0.00
3340	30	7.73	7.73	475.	0.	0.04	0.12	7.76	7.76	0.	0.	0.00	0.00
3341	30	7.73	7.73	82.	0.	0.01	0.02	7.76	7.76	297.	0.	0.02	0.07
3342	30	7.73	7.73	261.	0.	0.02	0.07	7.76	7.76	415.	0.	0.03	0.10
3343	30	7.73	7.73	737.	0.	0.06	0.18	7.76	7.76	483.	0.	0.04	0.12
3344	30	7.73	7.73	1442.	0.	0.12	0.36	7.76	7.76	258.	0.	0.02	0.06
3345	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	414.	0.	0.03	0.10
3346	30	7.73	7.73	57.	0.	0.00	0.01	7.76	7.76	912.	0.	0.07	0.23
3347	30	7.73	7.73	766.	0.	0.06	0.19	7.76	7.76	1638.	0.	0.13	0.41
3348	30	7.73	7.73	2674.	0.	0.22	0.67	7.76	7.76	2261.	0.	0.19	0.56
3349	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	428.	0.	0.04	0.11
3350	30	7.73	7.73	76.	0.	0.01	0.02	7.76	7.76	920.	0.	0.08	0.23
3351	30	7.73	7.73	833.	0.	0.07	0.21	7.76	7.76	1640.	0.	0.13	0.41
3352	30	7.73	7.73	2810.	0.	0.23	0.70	7.76	7.76	2299.	0.	0.19	0.57
3353	30	7.73	7.73	86.	0.	0.01	0.02	7.76	7.76	312.	0.	0.03	0.08
3354	30	7.73	7.73	263.	0.	0.02	0.07	7.76	7.76	427.	0.	0.04	0.11
3355	30	7.73	7.73	731.	0.	0.06	0.18	7.76	7.76	489.	0.	0.04	0.12
3356	30	7.73	7.73	1466.	0.	0.12	0.37	7.76	7.76	258.	0.	0.02	0.06
3357	30	7.73	7.73	113.	0.	0.01	0.03	7.76	7.76	86.	0.	0.01	0.02
3358	30	7.73	7.73	238.	0.	0.02	0.06	7.76	7.76	58.	0.	0.00	0.01
3359	30	7.73	7.73	459.	0.	0.04	0.11	7.76	7.76	0.	0.	0.00	0.00
3360	30	7.73	7.73	452.	0.	0.04	0.11	7.76	7.76	0.	0.	0.00	0.00
3361	30	7.73	7.73	18.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3362	30	7.73	7.73	72.	0.	0.01	0.02	7.76	7.76	0.	0.	0.00	0.00
3363	30	7.73	7.73	108.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
3364	30	7.73	7.73	140.	0.	0.01	0.04	7.76	7.76	0.	0.	0.00	0.00
3365	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00

3366	30	7.73	7.73	28.	0.	0.00	0.01	7.76	7.76	0.	0.	0.00	0.00
3367	30	7.73	7.73	70.	0.	0.01	0.02	7.76	7.76	0.	0.	0.00	0.00
3368	30	7.73	7.73	104.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
3369	30	7.73	7.73	19.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3370	30	7.73	7.73	89.	0.	0.01	0.02	7.76	7.76	0.	0.	0.00	0.00
3371	30	7.73	7.73	239.	0.	0.02	0.06	7.76	7.76	0.	0.	0.00	0.00
3372	30	7.73	7.73	299.	0.	0.02	0.07	7.76	7.76	0.	0.	0.00	0.00
3373	30	7.73	7.73	17.	0.	0.00	0.00	7.76	7.76	69.	0.	0.01	0.02
3374	30	7.73	7.73	86.	0.	0.01	0.02	7.76	7.76	188.	0.	0.02	0.05
3375	30	7.73	7.73	328.	0.	0.03	0.08	7.76	7.76	342.	0.	0.03	0.09
3376	30	7.73	7.73	761.	0.	0.06	0.19	7.76	7.76	347.	0.	0.03	0.09
3377	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	17.	0.	0.00	0.00
3378	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	359.	0.	0.03	0.09
3379	30	7.73	7.73	200.	0.	0.02	0.05	7.76	7.76	1071.	0.	0.09	0.27
3380	30	7.73	7.73	1207.	0.	0.10	0.30	7.76	7.76	1563.	0.	0.13	0.39
3399	30	7.73	7.73	1163.	0.	0.10	0.29	7.76	7.76	1551.	0.	0.13	0.39
3400	30	7.73	7.73	188.	0.	0.02	0.05	7.76	7.76	1038.	0.	0.09	0.26
3401	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	348.	0.	0.03	0.09
3402	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	23.	0.	0.00	0.01
3403	30	7.73	7.73	721.	0.	0.06	0.18	7.76	7.76	336.	0.	0.03	0.08
3404	30	7.73	7.73	308.	0.	0.03	0.08	7.76	7.76	334.	0.	0.03	0.08
3405	30	7.73	7.73	76.	0.	0.01	0.02	7.76	7.76	184.	0.	0.02	0.05
3406	30	7.73	7.73	16.	0.	0.00	0.00	7.76	7.76	67.	0.	0.01	0.02
3407	30	7.73	7.73	275.	0.	0.02	0.07	7.76	7.76	0.	0.	0.00	0.00
3408	30	7.73	7.73	221.	0.	0.02	0.06	7.76	7.76	0.	0.	0.00	0.00
3409	30	7.73	7.73	83.	0.	0.01	0.02	7.76	7.76	1.	0.	0.00	0.00
3410	30	7.73	7.73	17.	0.	0.00	0.00	7.76	7.76	1.	0.	0.00	0.00
3411	30	7.73	7.73	90.	0.	0.01	0.02	7.76	7.76	0.	0.	0.00	0.00
3412	30	7.73	7.73	59.	0.	0.00	0.01	7.76	7.76	0.	0.	0.00	0.00
3413	30	7.73	7.73	24.	0.	0.00	0.01	7.76	7.76	0.	0.	0.00	0.00
3414	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3415	30	7.73	7.73	129.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
3416	30	7.73	7.73	98.	0.	0.01	0.02	7.76	7.76	0.	0.	0.00	0.00
3417	30	7.73	7.73	65.	0.	0.01	0.02	7.76	7.76	0.	0.	0.00	0.00
3418	30	7.73	7.73	19.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3419	30	7.73	7.73	438.	0.	0.04	0.11	7.76	7.76	0.	0.	0.00	0.00
3420	30	7.73	7.73	447.	0.	0.04	0.11	7.76	7.76	0.	0.	0.00	0.00
3421	30	7.73	7.73	227.	0.	0.02	0.06	7.76	7.76	56.	0.	0.00	0.01
3422	30	7.73	7.73	109.	0.	0.01	0.03	7.76	7.76	84.	0.	0.01	0.02
3423	30	7.73	7.73	1412.	0.	0.12	0.35	7.76	7.76	261.	0.	0.02	0.06
3424	30	7.73	7.73	717.	0.	0.06	0.18	7.76	7.76	484.	0.	0.04	0.12
3425	30	7.73	7.73	259.	0.	0.02	0.06	7.76	7.76	426.	0.	0.03	0.11
3426	30	7.73	7.73	82.	0.	0.01	0.02	7.76	7.76	314.	0.	0.03	0.08
3427	30	7.73	7.73	2625.	0.	0.22	0.66	7.76	7.76	2205.	0.	0.18	0.55
3428	30	7.73	7.73	823.	0.	0.07	0.21	7.76	7.76	1627.	0.	0.13	0.41
3429	30	7.73	7.73	77.	0.	0.01	0.02	7.76	7.76	919.	0.	0.08	0.23
3430	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	439.	0.	0.04	0.11
3431	30	7.73	7.73	1290.	0.	0.11	0.32	7.76	7.76	1960.	0.	0.16	0.49
3432	30	7.73	7.73	177.	0.	0.01	0.04	7.76	7.76	1477.	0.	0.12	0.37
3433	30	7.73	7.73	821.	0.	0.07	0.21	7.76	7.76	544.	0.	0.04	0.14
3434	30	7.73	7.73	286.	0.	0.02	0.07	7.76	7.76	602.	0.	0.05	0.15
3435	30	7.73	7.73	388.	0.	0.03	0.10	7.76	7.76	0.	0.	0.00	0.00
3436	30	7.73	7.73	197.	0.	0.02	0.05	7.76	7.76	9.	0.	0.00	0.00
3437	30	7.73	7.73	82.	0.	0.01	0.02	7.76	7.76	0.	0.	0.00	0.00
3438	30	7.73	7.73	33.	0.	0.00	0.01	7.76	7.76	0.	0.	0.00	0.00
3439	30	7.73	7.73	52.	0.	0.00	0.01	7.76	7.76	0.	0.	0.00	0.00
3440	30	7.73	7.73	13.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3441	30	7.73	7.73	86.	0.	0.01	0.02	7.76	7.76	0.	0.	0.00	0.00
3442	30	7.73	7.73	33.	0.	0.00	0.01	7.76	7.76	0.	0.	0.00	0.00
3443	30	7.73	7.73	389.	0.	0.03	0.10	7.76	7.76	0.	0.	0.00	0.00
3444	30	7.73	7.73	201.	0.	0.02	0.05	7.76	7.76	12.	0.	0.00	0.00
3445	30	7.73	7.73	843.	0.	0.07	0.21	7.76	7.76	543.	0.	0.04	0.14
3446	30	7.73	7.73	293.	0.	0.02	0.07	7.76	7.76	605.	0.	0.05	0.15
3447	30	7.73	7.73	1310.	0.	0.11	0.33	7.76	7.76	1964.	0.	0.16	0.49
3448	30	7.73	7.73	181.	0.	0.01	0.05	7.76	7.76	1471.	0.	0.12	0.37
3449	30	7.73	7.73	2773.	0.	0.23	0.69	7.76	7.76	2250.	0.	0.18	0.56
3450	30	7.73	7.73	756.	0.	0.06	0.19	7.76	7.76	1629.	0.	0.13	0.41
3451	30	7.73	7.73	55.	0.	0.00	0.01	7.76	7.76	916.	0.	0.08	0.23
3452	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	427.	0.	0.04	0.11
3453	30	7.73	7.73	1457.	0.	0.12	0.36	7.76	7.76	272.	0.	0.02	0.07
3454	30	7.73	7.73	726.	0.	0.06	0.18	7.76	7.76	491.	0.	0.04	0.12
3455	30	7.73	7.73	256.	0.	0.02	0.06	7.76	7.76	427.	0.	0.04	0.11
3456	30	7.73	7.73	71.	0.	0.01	0.02	7.76	7.76	315.	0.	0.03	0.08
3457	30	7.73	7.73	471.	0.	0.04	0.12	7.76	7.76	0.	0.	0.00	0.00
3458	30	7.73	7.73	466.	0.	0.04	0.12	7.76	7.76	0.	0.	0.00	0.00
3459	30	7.73	7.73	217.	0.	0.02	0.05	7.76	7.76	46.	0.	0.00	0.01
3460	30	7.73	7.73	91.	0.	0.01	0.02	7.76	7.76	74.	0.	0.01	0.02
3461	30	7.73	7.73	190.	0.	0.02	0.05	7.76	7.76	0.	0.	0.00	0.00
3462	30	7.73	7.73	149.	0.	0.01	0.04	7.76	7.76	0.	0.	0.00	0.00
3463	30	7.73	7.73	77.	0.	0.01	0.02	7.76	7.76	0.	0.	0.00	0.00
3464	30	7.73	7.73	6.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3465	30	7.73	7.73	201.	0.	0.02	0.05	7.76	7.76	0.	0.	0.00	0.00
3466	30	7.73	7.73	164.	0.	0.01	0.04	7.76	7.76	0.	0.	0.00	0.00
3467	30	7.73	7.73	105.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
3468	30	7.73	7.73	42.	0.	0.00	0.01	7.76	7.76	0.	0.	0.00	0.00
3469	30	7.73	7.73	514.	0.	0.04	0.13	7.76	7.76	0.	0.	0.00	0.00
3470	30	7.73	7.73	375.	0.	0.03	0.09	7.76	7.76	0.	0.	0.00	0.00
3471	30	7.73	7.73	182.	0.	0.01	0.05	7.76	7.76	0.	0.	0.00	0.00
3472	30	7.73	7.73	92.	0.	0.01	0.02	7.76	7.76	0.	0.	0.00	0.00
3473	30	7.73	7.73	1631.	0.	0.13	0.41	7.76	7.76	0.	0.	0.00	0.00
3474	30	7.73	7.73	1000.	0.	0.08	0.25	7.76	7.76	0.	0.	0.00	0.00
3475	30	7.73	7.73	308.	0.	0.03	0.08	7.76	7.76	0.	0.	0.00	0.00
3476	30	7.73	7.73	80.	0.	0.01	0.02	7.76	7.76	0.	0.	0.00	0.00
3477	30	7.73	7.73	4759.	0.	0.39	1.19	7.76	7.76	1896.	0.	0.16	0.47
3478	30	7.73	7.73	1484.	0.	0.12	0.37	7.76	7.76	671.	0.	0.06	0.17

3479	30	7.73	7.73	352.	0.	0.03	0.09	7.76	7.76	287.	0.	0.02	0.07
3480	30	7.73	7.73	25.	0.	0.00	0.01	7.76	7.76	44.	0.	0.00	0.01
3481	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	427.	0.	0.04	0.11
3482	30	7.73	7.73	57.	0.	0.00	0.01	7.76	7.76	916.	0.	0.08	0.23
3483	30	7.73	7.73	756.	0.	0.06	0.19	7.76	7.76	1629.	0.	0.13	0.41
3484	30	7.73	7.73	2788.	0.	0.23	0.70	7.76	7.76	2259.	0.	0.19	0.56
3485	30	7.73	7.73	73.	0.	0.01	0.02	7.76	7.76	315.	0.	0.03	0.08
3486	30	7.73	7.73	256.	0.	0.02	0.06	7.76	7.76	427.	0.	0.04	0.11
3487	30	7.73	7.73	727.	0.	0.06	0.18	7.76	7.76	491.	0.	0.04	0.12
3488	30	7.73	7.73	1458.	0.	0.12	0.36	7.76	7.76	269.	0.	0.02	0.07
3489	30	7.73	7.73	92.	0.	0.01	0.02	7.76	7.76	73.	0.	0.01	0.02
3490	30	7.73	7.73	217.	0.	0.02	0.05	7.76	7.76	42.	0.	0.00	0.01
3491	30	7.73	7.73	466.	0.	0.04	0.12	7.76	7.76	0.	0.	0.00	0.00
3492	30	7.73	7.73	471.	0.	0.04	0.12	7.76	7.76	0.	0.	0.00	0.00
3493	30	7.73	7.73	8.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3494	30	7.73	7.73	77.	0.	0.01	0.02	7.76	7.76	0.	0.	0.00	0.00
3495	30	7.73	7.73	149.	0.	0.01	0.04	7.76	7.76	0.	0.	0.00	0.00
3496	30	7.73	7.73	190.	0.	0.02	0.05	7.76	7.76	0.	0.	0.00	0.00
3497	30	7.73	7.73	44.	0.	0.00	0.01	7.76	7.76	0.	0.	0.00	0.00
3498	30	7.73	7.73	105.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
3499	30	7.73	7.73	164.	0.	0.01	0.04	7.76	7.76	0.	0.	0.00	0.00
3500	30	7.73	7.73	201.	0.	0.02	0.05	7.76	7.76	0.	0.	0.00	0.00
3501	30	7.73	7.73	92.	0.	0.01	0.02	7.76	7.76	0.	0.	0.00	0.00
3502	30	7.73	7.73	182.	0.	0.01	0.05	7.76	7.76	0.	0.	0.00	0.00
3503	30	7.73	7.73	375.	0.	0.03	0.09	7.76	7.76	0.	0.	0.00	0.00
3504	30	7.73	7.73	514.	0.	0.04	0.13	7.76	7.76	0.	0.	0.00	0.00
3505	30	7.73	7.73	81.	0.	0.01	0.02	7.76	7.76	0.	0.	0.00	0.00
3506	30	7.73	7.73	308.	0.	0.03	0.08	7.76	7.76	0.	0.	0.00	0.00
3507	30	7.73	7.73	1000.	0.	0.08	0.25	7.76	7.76	0.	0.	0.00	0.00
3508	30	7.73	7.73	1632.	0.	0.13	0.41	7.76	7.76	0.	0.	0.00	0.00
3509	30	7.73	7.73	28.	0.	0.00	0.01	7.76	7.76	54.	0.	0.00	0.01
3510	30	7.73	7.73	352.	0.	0.03	0.09	7.76	7.76	289.	0.	0.02	0.07
3511	30	7.73	7.73	1484.	0.	0.12	0.37	7.76	7.76	671.	0.	0.06	0.17
3512	30	7.73	7.73	4761.	0.	0.39	1.19	7.76	7.76	1897.	0.	0.16	0.47
3513	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	24.	0.	0.00	0.01
3514	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	349.	0.	0.03	0.09
3515	30	7.73	7.73	188.	0.	0.02	0.05	7.76	7.76	1038.	0.	0.09	0.26
3516	30	7.73	7.73	1165.	0.	0.10	0.29	7.76	7.76	1552.	0.	0.13	0.39
3517	30	7.73	7.73	16.	0.	0.00	0.00	7.76	7.76	67.	0.	0.01	0.02
3518	30	7.73	7.73	76.	0.	0.01	0.02	7.76	7.76	184.	0.	0.02	0.05
3519	30	7.73	7.73	308.	0.	0.03	0.08	7.76	7.76	334.	0.	0.03	0.08
3520	30	7.73	7.73	722.	0.	0.06	0.18	7.76	7.76	335.	0.	0.03	0.08
3521	30	7.73	7.73	18.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3522	30	7.73	7.73	84.	0.	0.01	0.02	7.76	7.76	1.	0.	0.00	0.00
3523	30	7.73	7.73	221.	0.	0.02	0.06	7.76	7.76	0.	0.	0.00	0.00
3524	30	7.73	7.73	275.	0.	0.02	0.07	7.76	7.76	0.	0.	0.00	0.00
3525	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3526	30	7.73	7.73	24.	0.	0.00	0.01	7.76	7.76	0.	0.	0.00	0.00
3527	30	7.73	7.73	59.	0.	0.00	0.01	7.76	7.76	0.	0.	0.00	0.00
3528	30	7.73	7.73	90.	0.	0.01	0.02	7.76	7.76	0.	0.	0.00	0.00
3529	30	7.73	7.73	13.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3530	30	7.73	7.73	62.	0.	0.01	0.02	7.76	7.76	0.	0.	0.00	0.00
3531	30	7.73	7.73	98.	0.	0.01	0.02	7.76	7.76	0.	0.	0.00	0.00
3532	30	7.73	7.73	129.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
3533	30	7.73	7.73	109.	0.	0.01	0.03	7.76	7.76	84.	0.	0.01	0.02
3534	30	7.73	7.73	227.	0.	0.02	0.06	7.76	7.76	50.	0.	0.00	0.01
3535	30	7.73	7.73	447.	0.	0.04	0.11	7.76	7.76	0.	0.	0.00	0.00
3536	30	7.73	7.73	438.	0.	0.04	0.11	7.76	7.76	0.	0.	0.00	0.00
3537	30	7.73	7.73	86.	0.	0.01	0.02	7.76	7.76	314.	0.	0.03	0.08
3538	30	7.73	7.73	259.	0.	0.02	0.06	7.76	7.76	426.	0.	0.03	0.11
3539	30	7.73	7.73	718.	0.	0.06	0.18	7.76	7.76	484.	0.	0.04	0.12
3540	30	7.73	7.73	1411.	0.	0.12	0.35	7.76	7.76	251.	0.	0.02	0.06
3541	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	439.	0.	0.04	0.11
3542	30	7.73	7.73	78.	0.	0.01	0.02	7.76	7.76	919.	0.	0.08	0.23
3543	30	7.73	7.73	823.	0.	0.07	0.21	7.76	7.76	1627.	0.	0.13	0.41
3544	30	7.73	7.73	2631.	0.	0.22	0.66	7.76	7.76	2214.	0.	0.18	0.55
3545	30	7.73	7.73	175.	0.	0.01	0.04	7.76	7.76	1478.	0.	0.12	0.37
3546	30	7.73	7.73	1291.	0.	0.11	0.32	7.76	7.76	1962.	0.	0.16	0.49
3547	30	7.73	7.73	286.	0.	0.02	0.07	7.76	7.76	602.	0.	0.05	0.15
3548	30	7.73	7.73	822.	0.	0.07	0.21	7.76	7.76	544.	0.	0.04	0.14
3549	30	7.73	7.73	197.	0.	0.02	0.05	7.76	7.76	6.	0.	0.00	0.00
3550	30	7.73	7.73	388.	0.	0.03	0.10	7.76	7.76	0.	0.	0.00	0.00
3551	30	7.73	7.73	33.	0.	0.00	0.01	7.76	7.76	0.	0.	0.00	0.00
3552	30	7.73	7.73	82.	0.	0.01	0.02	7.76	7.76	0.	0.	0.00	0.00
3553	30	7.73	7.73	13.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3554	30	7.73	7.73	52.	0.	0.00	0.01	7.76	7.76	0.	0.	0.00	0.00
3555	30	7.73	7.73	34.	0.	0.00	0.01	7.76	7.76	0.	0.	0.00	0.00
3556	30	7.73	7.73	86.	0.	0.01	0.02	7.76	7.76	0.	0.	0.00	0.00
3557	30	7.73	7.73	201.	0.	0.02	0.05	7.76	7.76	0.	0.	0.00	0.00
3558	30	7.73	7.73	390.	0.	0.03	0.10	7.76	7.76	0.	0.	0.00	0.00
3559	30	7.73	7.73	293.	0.	0.02	0.07	7.76	7.76	605.	0.	0.05	0.15
3560	30	7.73	7.73	844.	0.	0.07	0.21	7.76	7.76	543.	0.	0.04	0.14
3561	30	7.73	7.73	186.	0.	0.02	0.05	7.76	7.76	1472.	0.	0.12	0.37
3562	30	7.73	7.73	1311.	0.	0.11	0.33	7.76	7.76	1965.	0.	0.16	0.49
3563	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	1100.	0.	0.09	0.27
3564	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	1112.	0.	0.09	0.28
3565	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	117.	0.	0.01	0.03
3566	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	112.	0.	0.01	0.03
3567	30	7.73	7.73	122.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
3568	30	7.73	7.73	123.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
3569	30	7.73	7.73	652.	0.	0.05	0.16	7.76	7.76	0.	0.	0.00	0.00
3570	30	7.73	7.73	652.	0.	0.05	0.16	7.76	7.76	0.	0.	0.00	0.00
3571	30	7.73	7.73	2200.	0.	0.18	0.55	7.76	7.76	308.	0.	0.03	0.08
3572	30	7.73	7.73	2200.	0.	0.18	0.55	7.76	7.76	314.	0.	0.03	0.08
3573	30	7.73	7.73	3969.	0.	0.33	0.99	7.76	7.76	3378.	0.	0.28	0.84

3574	30	7.73	7.73	3969.	0.	0.33	0.99	7.76	7.76	3314.	0.	0.27	0.83
3575	30	7.73	7.73	4222.	0.	0.35	1.06	7.76	7.76	3312.	0.	0.27	0.83
3576	30	7.73	7.73	4222.	0.	0.35	1.06	7.76	7.76	3402.	0.	0.28	0.85
3577	30	7.73	7.73	2225.	0.	0.18	0.56	7.76	7.76	326.	0.	0.03	0.08
3578	30	7.73	7.73	2225.	0.	0.18	0.56	7.76	7.76	332.	0.	0.03	0.08
3579	30	7.73	7.73	694.	0.	0.06	0.17	7.76	7.76	0.	0.	0.00	0.00
3580	30	7.73	7.73	694.	0.	0.06	0.17	7.76	7.76	0.	0.	0.00	0.00
3581	30	7.73	7.73	253.	0.	0.02	0.06	7.76	7.76	0.	0.	0.00	0.00
3582	30	7.73	7.73	253.	0.	0.02	0.06	7.76	7.76	0.	0.	0.00	0.00
3583	30	7.73	7.73	263.	0.	0.02	0.07	7.76	7.76	0.	0.	0.00	0.00
3584	30	7.73	7.73	263.	0.	0.02	0.07	7.76	7.76	0.	0.	0.00	0.00
3585	30	7.73	7.73	731.	0.	0.06	0.18	7.76	7.76	0.	0.	0.00	0.00
3586	30	7.73	7.73	731.	0.	0.06	0.18	7.76	7.76	0.	0.	0.00	0.00
3587	30	7.73	7.73	2280.	0.	0.19	0.57	7.76	7.76	395.	0.	0.03	0.10
3588	30	7.73	7.73	2280.	0.	0.19	0.57	7.76	7.76	381.	0.	0.03	0.09
3589	30	7.73	7.73	4031.	0.	0.33	1.01	7.76	7.76	3467.	0.	0.28	0.86
3590	30	7.73	7.73	4031.	0.	0.33	1.01	7.76	7.76	3538.	0.	0.29	0.88
3591	30	7.73	7.73	4269.	0.	0.35	1.07	7.76	7.76	3418.	0.	0.28	0.85
3592	30	7.73	7.73	4269.	0.	0.35	1.07	7.76	7.76	3342.	0.	0.27	0.83
3593	30	7.73	7.73	2244.	0.	0.18	0.56	7.76	7.76	344.	0.	0.03	0.09
3594	30	7.73	7.73	2245.	0.	0.18	0.56	7.76	7.76	349.	0.	0.03	0.09
3595	30	7.73	7.73	693.	0.	0.06	0.17	7.76	7.76	0.	0.	0.00	0.00
3596	30	7.73	7.73	693.	0.	0.06	0.17	7.76	7.76	0.	0.	0.00	0.00
3597	30	7.73	7.73	194.	0.	0.02	0.05	7.76	7.76	0.	0.	0.00	0.00
3598	30	7.73	7.73	194.	0.	0.02	0.05	7.76	7.76	0.	0.	0.00	0.00
3599	30	7.73	7.73	1.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3600	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3601	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3602	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3603	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	33.	0.	0.00	0.01
3604	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	32.	0.	0.00	0.01
3605	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	205.	0.	0.02	0.05
3606	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	205.	0.	0.02	0.05
3607	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	225.	0.	0.02	0.06
3608	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	225.	0.	0.02	0.06
3609	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	90.	0.	0.01	0.02
3610	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	91.	0.	0.01	0.02
3611	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3612	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3613	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3614	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3615	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3616	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3617	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3618	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3619	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3620	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3621	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	89.	0.	0.01	0.02
3622	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	90.	0.	0.01	0.02
3623	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	208.	0.	0.02	0.05
3624	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	208.	0.	0.02	0.05
3625	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	180.	0.	0.01	0.04
3626	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	180.	0.	0.01	0.04
3627	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	16.	0.	0.00	0.00
3628	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	12.	0.	0.00	0.00
3629	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3630	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3631	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3632	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3633	30	7.73	7.73	186.	0.	0.02	0.05	7.76	7.76	0.	0.	0.00	0.00
3634	30	7.73	7.73	184.	0.	0.02	0.05	7.76	7.76	0.	0.	0.00	0.00
3635	30	7.73	7.73	688.	0.	0.06	0.17	7.76	7.76	0.	0.	0.00	0.00
3636	30	7.73	7.73	688.	0.	0.06	0.17	7.76	7.76	0.	0.	0.00	0.00
3637	30	7.73	7.73	2226.	0.	0.18	0.56	7.76	7.76	365.	0.	0.03	0.09
3638	30	7.73	7.73	2227.	0.	0.18	0.56	7.76	7.76	349.	0.	0.03	0.09
3639	30	7.73	7.73	4216.	0.	0.35	1.05	7.76	7.76	3422.	0.	0.28	0.85
3640	30	7.73	7.73	4216.	0.	0.35	1.05	7.76	7.76	3331.	0.	0.27	0.83
3641	30	7.73	7.73	3969.	0.	0.33	0.99	7.76	7.76	3357.	0.	0.28	0.84
3642	30	7.73	7.73	3969.	0.	0.33	0.99	7.76	7.76	3419.	0.	0.28	0.85
3643	30	7.73	7.73	2224.	0.	0.18	0.56	7.76	7.76	374.	0.	0.03	0.09
3644	30	7.73	7.73	2225.	0.	0.18	0.56	7.76	7.76	357.	0.	0.03	0.09
3645	30	7.73	7.73	716.	0.	0.06	0.18	7.76	7.76	0.	0.	0.00	0.00
3646	30	7.73	7.73	716.	0.	0.06	0.18	7.76	7.76	0.	0.	0.00	0.00
3647	30	7.73	7.73	264.	0.	0.02	0.07	7.76	7.76	0.	0.	0.00	0.00
3648	30	7.73	7.73	264.	0.	0.02	0.07	7.76	7.76	0.	0.	0.00	0.00
3649	30	7.73	7.73	267.	0.	0.02	0.07	7.76	7.76	0.	0.	0.00	0.00
3650	30	7.73	7.73	267.	0.	0.02	0.07	7.76	7.76	0.	0.	0.00	0.00
3651	30	7.73	7.73	714.	0.	0.06	0.18	7.76	7.76	0.	0.	0.00	0.00
3652	30	7.73	7.73	714.	0.	0.06	0.18	7.76	7.76	0.	0.	0.00	0.00
3653	30	7.73	7.73	2200.	0.	0.18	0.55	7.76	7.76	369.	0.	0.03	0.09
3654	30	7.73	7.73	2200.	0.	0.18	0.55	7.76	7.76	351.	0.	0.03	0.09
3655	30	7.73	7.73	3866.	0.	0.32	0.97	7.76	7.76	3385.	0.	0.28	0.84
3656	30	7.73	7.73	3866.	0.	0.32	0.97	7.76	7.76	3328.	0.	0.27	0.83
3657	30	7.73	7.73	4125.	0.	0.34	1.03	7.76	7.76	3449.	0.	0.28	0.86
3658	30	7.73	7.73	4124.	0.	0.34	1.03	7.76	7.76	3351.	0.	0.27	0.83
3659	30	7.73	7.73	2545.	0.	0.21	0.64	7.76	7.76	630.	0.	0.05	0.16
3660	30	7.73	7.73	2545.	0.	0.21	0.64	7.76	7.76	652.	0.	0.05	0.16
3661	30	7.73	7.73	1132.	0.	0.09	0.28	7.76	7.76	0.	0.	0.00	0.00
3662	30	7.73	7.73	1132.	0.	0.09	0.28	7.76	7.76	0.	0.	0.00	0.00
3663	30	7.73	7.73	534.	0.	0.04	0.13	7.76	7.76	0.	0.	0.00	0.00
3664	30	7.73	7.73	534.	0.	0.04	0.13	7.76	7.76	0.	0.	0.00	0.00

		SUPERIORE ORIZZONTALE						SUPERIORE VERTICALE					
GUSCI	spess	Af	Afc	Mom	Nor	epsC	epsF	Af	Afc	Mom	Nor	epsC	epsF
2502	30	7.73	7.73	1005.	0.	0.09	0.27	7.76	7.76	0.	0.	0.00	0.00

2503	30	7.73	7.73	558.	0.	0.06	0.18	7.76	7.76	418.	0.	0.03	0.10
2504	30	7.73	7.73	274.	0.	0.03	0.09	7.76	7.76	696.	0.	0.06	0.17
2505	30	7.73	7.73	125.	0.	0.01	0.04	7.76	7.76	780.	0.	0.06	0.19
2506	30	7.73	7.73	55.	0.	0.00	0.01	7.76	7.76	511.	0.	0.05	0.14
2507	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2510	30	7.73	7.73	396.	0.	0.05	0.17	7.76	7.76	224.	0.	0.03	0.08
2511	30	7.73	7.73	327.	0.	0.04	0.12	7.76	7.76	645.	0.	0.05	0.16
2512	30	7.73	7.73	308.	0.	0.03	0.10	7.76	7.76	754.	0.	0.06	0.19
2513	30	7.73	7.73	410.	0.	0.04	0.12	7.76	7.76	698.	0.	0.06	0.19
2514	30	7.73	7.73	612.	0.	0.05	0.16	7.76	7.76	431.	0.	0.04	0.13
2515	30	7.73	7.73	591.	0.	0.05	0.15	7.76	7.76	0.	0.	0.00	0.00
2518	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.02	0.07
2519	30	7.73	7.73	0.	0.	0.01	0.02	7.76	7.76	524.	0.	0.05	0.17
2520	30	7.73	7.73	120.	0.	0.02	0.07	7.76	7.76	637.	0.	0.06	0.18
2521	30	7.73	7.73	336.	0.	0.04	0.12	7.76	7.76	480.	0.	0.05	0.15
2522	30	7.73	7.73	588.	0.	0.06	0.19	7.76	7.76	179.	0.	0.03	0.08
2523	30	7.73	7.73	772.	0.	0.07	0.20	7.76	7.76	0.	0.	0.00	0.00
2526	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	70.	0.	0.02	0.05
2527	30	7.73	7.73	0.	0.	0.00	0.01	7.76	7.76	641.	0.	0.05	0.16
2528	30	7.73	7.73	207.	0.	0.02	0.07	7.76	7.76	768.	0.	0.06	0.19
2529	30	7.73	7.73	476.	0.	0.05	0.14	7.76	7.76	690.	0.	0.06	0.17
2530	30	7.73	7.73	770.	0.	0.07	0.21	7.76	7.76	398.	0.	0.03	0.10
2531	30	7.73	7.73	821.	0.	0.07	0.22	7.76	7.76	0.	0.	0.00	0.00
2534	30	7.73	7.73	435.	0.	0.04	0.11	7.76	7.76	302.	0.	0.04	0.12
2535	30	7.73	7.73	374.	0.	0.03	0.10	7.76	7.76	695.	0.	0.06	0.19
2536	30	7.73	7.73	383.	0.	0.04	0.12	7.76	7.76	878.	0.	0.07	0.22
2537	30	7.73	7.73	536.	0.	0.06	0.17	7.76	7.76	922.	0.	0.08	0.23
2538	30	7.73	7.73	796.	0.	0.07	0.22	7.76	7.76	636.	0.	0.05	0.16
2539	30	7.73	7.73	585.	0.	0.07	0.20	7.76	7.76	0.	0.	0.00	0.00
2542	30	7.73	7.73	985.	0.	0.10	0.30	7.76	7.76	0.	0.	0.01	0.04
2543	30	7.73	7.73	589.	0.	0.06	0.19	7.76	7.76	360.	0.	0.05	0.15
2544	30	7.73	7.73	292.	0.	0.04	0.11	7.76	7.76	760.	0.	0.07	0.22
2545	30	7.73	7.73	142.	0.	0.03	0.08	7.76	7.76	924.	0.	0.08	0.24
2546	30	7.73	7.73	75.	0.	0.03	0.10	7.76	7.76	434.	0.	0.07	0.22
2547	30	7.73	7.73	0.	0.	0.02	0.06	7.76	7.76	0.	0.	0.00	0.00
2558	30	7.73	7.73	962.	0.	0.10	0.30	7.76	7.76	158.	0.	0.01	0.04
2559	30	7.73	7.73	580.	0.	0.06	0.19	7.76	7.76	591.	0.	0.05	0.15
2560	30	7.73	7.73	360.	0.	0.04	0.11	7.76	7.76	864.	0.	0.07	0.22
2561	30	7.73	7.73	323.	0.	0.03	0.08	7.76	7.76	979.	0.	0.08	0.24
2562	30	7.73	7.73	404.	0.	0.03	0.10	7.76	7.76	713.	0.	0.07	0.22
2563	30	7.73	7.73	224.	0.	0.02	0.06	7.76	7.76	0.	0.	0.00	0.00
2566	30	7.73	7.73	134.	0.	0.04	0.11	7.76	7.76	265.	0.	0.04	0.12
2567	30	7.73	7.73	248.	0.	0.03	0.10	7.76	7.76	713.	0.	0.06	0.19
2568	30	7.73	7.73	345.	0.	0.04	0.12	7.76	7.76	831.	0.	0.07	0.22
2569	30	7.73	7.73	543.	0.	0.06	0.17	7.76	7.76	796.	0.	0.08	0.23
2570	30	7.73	7.73	827.	0.	0.07	0.22	7.76	7.76	503.	0.	0.05	0.16
2571	30	7.73	7.73	818.	0.	0.07	0.20	7.76	7.76	0.	0.	0.00	0.00
2574	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.02	0.05
2575	30	7.73	7.73	0.	0.	0.00	0.01	7.76	7.76	502.	0.	0.05	0.16
2576	30	7.73	7.73	97.	0.	0.02	0.07	7.76	7.76	639.	0.	0.06	0.19
2577	30	7.73	7.73	383.	0.	0.05	0.14	7.76	7.76	529.	0.	0.06	0.17
2578	30	7.73	7.73	672.	0.	0.07	0.21	7.76	7.76	238.	0.	0.03	0.10
2579	30	7.73	7.73	823.	0.	0.07	0.22	7.76	7.76	0.	0.	0.00	0.00
2582	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	205.	0.	0.02	0.07
2583	30	7.73	7.73	35.	0.	0.01	0.02	7.76	7.76	669.	0.	0.05	0.17
2584	30	7.73	7.73	200.	0.	0.02	0.07	7.76	7.76	725.	0.	0.06	0.18
2585	30	7.73	7.73	404.	0.	0.04	0.12	7.76	7.76	616.	0.	0.05	0.15
2586	30	7.73	7.73	654.	0.	0.06	0.19	7.76	7.76	335.	0.	0.03	0.08
2587	30	7.73	7.73	728.	0.	0.07	0.20	7.76	7.76	0.	0.	0.00	0.00
2590	30	7.73	7.73	664.	0.	0.05	0.17	7.76	7.76	81.	0.	0.03	0.08
2591	30	7.73	7.73	432.	0.	0.04	0.12	7.76	7.76	549.	0.	0.05	0.16
2592	30	7.73	7.73	324.	0.	0.03	0.10	7.76	7.76	745.	0.	0.06	0.19
2593	30	7.73	7.73	368.	0.	0.04	0.12	7.76	7.76	766.	0.	0.06	0.19
2594	30	7.73	7.73	515.	0.	0.05	0.16	7.76	7.76	503.	0.	0.04	0.13
2595	30	7.73	7.73	280.	0.	0.05	0.15	7.76	7.76	0.	0.	0.00	0.00
2598	30	7.73	7.73	886.	0.	0.09	0.27	7.76	7.76	0.	0.	0.00	0.00
2599	30	7.73	7.73	532.	0.	0.06	0.18	7.76	7.76	199.	0.	0.03	0.10
2600	30	7.73	7.73	201.	0.	0.03	0.09	7.76	7.76	580.	0.	0.06	0.17
2601	30	7.73	7.73	11.	0.	0.01	0.04	7.76	7.76	641.	0.	0.06	0.19
2602	30	7.73	7.73	0.	0.	0.01	0.02	7.76	7.76	222.	0.	0.05	0.14
2603	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2604	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2605	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	388.	0.	0.03	0.10
2606	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	583.	0.	0.05	0.15
2607	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	512.	0.	0.04	0.13
2608	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	519.	0.	0.04	0.13
2609	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	596.	0.	0.05	0.15
2610	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	396.	0.	0.03	0.10
2611	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2612	30	7.73	7.73	596.	0.	0.05	0.15	7.76	7.76	0.	0.	0.00	0.00
2613	30	7.73	7.73	561.	0.	0.05	0.15	7.76	7.76	282.	0.	0.03	0.09
2614	30	7.73	7.73	324.	0.	0.03	0.10	7.76	7.76	443.	0.	0.04	0.13
2615	30	7.73	7.73	147.	0.	0.02	0.05	7.76	7.76	421.	0.	0.04	0.12
2616	30	7.73	7.73	160.	0.	0.02	0.06	7.76	7.76	425.	0.	0.04	0.12
2617	30	7.73	7.73	333.	0.	0.03	0.10	7.76	7.76	452.	0.	0.05	0.14
2618	30	7.73	7.73	577.	0.	0.05	0.15	7.76	7.76	287.	0.	0.03	0.09
2619	30	7.73	7.73	577.	0.	0.05	0.14	7.76	7.76	0.	0.	0.00	0.00
2620	30	7.73	7.73	765.	0.	0.07	0.20	7.76	7.76	0.	0.	0.00	0.00
2621	30	7.73	7.73	580.	0.	0.06	0.17	7.76	7.76	37.	0.	0.02	0.05
2622	30	7.73	7.73	357.	0.	0.04	0.12	7.76	7.76	239.	0.	0.03	0.09
2623	30	7.73	7.73	227.	0.	0.02	0.07	7.76	7.76	323.	0.	0.03	0.09
2624	30	7.73	7.73	228.	0.	0.02	0.07	7.76	7.76	325.	0.	0.03	0.09
2625	30	7.73	7.73	368.	0.	0.04	0.12	7.76	7.76	242.	0.	0.03	0.09
2626	30	7.73	7.73	597.	0.	0.06	0.17	7.76	7.76	34.	0.	0.02	0.05
2627	30	7.73	7.73	781.	0.	0.07	0.21	7.76	7.76	0.	0.	0.00	0.00

2628	30	7.73	7.73	830.	0.	0.07	0.22	7.76	7.76	0.	0.	0.00	0.00
2629	30	7.73	7.73	771.	0.	0.07	0.20	7.76	7.76	269.	0.	0.02	0.07
2630	30	7.73	7.73	488.	0.	0.05	0.14	7.76	7.76	444.	0.	0.04	0.11
2631	30	7.73	7.73	271.	0.	0.03	0.09	7.76	7.76	431.	0.	0.04	0.11
2632	30	7.73	7.73	286.	0.	0.03	0.09	7.76	7.76	441.	0.	0.04	0.11
2633	30	7.73	7.73	505.	0.	0.05	0.15	7.76	7.76	455.	0.	0.04	0.11
2634	30	7.73	7.73	790.	0.	0.07	0.21	7.76	7.76	265.	0.	0.02	0.07
2635	30	7.73	7.73	831.	0.	0.07	0.23	7.76	7.76	0.	0.	0.00	0.00
2636	30	7.73	7.73	618.	0.	0.07	0.21	7.76	7.76	0.	0.	0.00	0.00
2637	30	7.73	7.73	761.	0.	0.07	0.22	7.76	7.76	523.	0.	0.04	0.13
2638	30	7.73	7.73	453.	0.	0.05	0.15	7.76	7.76	726.	0.	0.06	0.18
2639	30	7.73	7.73	195.	0.	0.03	0.08	7.76	7.76	629.	0.	0.05	0.16
2640	30	7.73	7.73	219.	0.	0.03	0.09	7.76	7.76	645.	0.	0.05	0.16
2641	30	7.73	7.73	471.	0.	0.05	0.16	7.76	7.76	741.	0.	0.06	0.18
2642	30	7.73	7.73	782.	0.	0.07	0.22	7.76	7.76	517.	0.	0.04	0.13
2643	30	7.73	7.73	578.	0.	0.07	0.20	7.76	7.76	0.	0.	0.00	0.00
2644	30	7.73	7.73	0.	0.	0.02	0.07	7.76	7.76	0.	0.	0.00	0.00
2645	30	7.73	7.73	32.	0.	0.03	0.09	7.76	7.76	359.	0.	0.06	0.20
2646	30	7.73	7.73	56.	0.	0.02	0.05	7.76	7.76	761.	0.	0.07	0.21
2647	30	7.73	7.73	4.	0.	0.01	0.03	7.76	7.76	738.	0.	0.06	0.18
2648	30	7.73	7.73	21.	0.	0.01	0.03	7.76	7.76	749.	0.	0.06	0.19
2649	30	7.73	7.73	59.	0.	0.02	0.05	7.76	7.76	773.	0.	0.07	0.21
2650	30	7.73	7.73	37.	0.	0.03	0.09	7.76	7.76	378.	0.	0.06	0.20
2651	30	7.73	7.73	0.	0.	0.02	0.06	7.76	7.76	0.	0.	0.00	0.00
2660	30	7.73	7.73	259.	0.	0.02	0.06	7.76	7.76	0.	0.	0.00	0.00
2661	30	7.73	7.73	347.	0.	0.03	0.09	7.76	7.76	614.	0.	0.06	0.20
2662	30	7.73	7.73	203.	0.	0.02	0.05	7.76	7.76	826.	0.	0.07	0.21
2663	30	7.73	7.73	50.	0.	0.01	0.03	7.76	7.76	713.	0.	0.06	0.18
2664	30	7.73	7.73	71.	0.	0.01	0.03	7.76	7.76	729.	0.	0.06	0.19
2665	30	7.73	7.73	212.	0.	0.02	0.05	7.76	7.76	842.	0.	0.07	0.21
2666	30	7.73	7.73	360.	0.	0.03	0.09	7.76	7.76	609.	0.	0.06	0.20
2667	30	7.73	7.73	207.	0.	0.02	0.05	7.76	7.76	0.	0.	0.00	0.00
2668	30	7.73	7.73	853.	0.	0.07	0.21	7.76	7.76	0.	0.	0.00	0.00
2669	30	7.73	7.73	800.	0.	0.07	0.22	7.76	7.76	376.	0.	0.04	0.13
2670	30	7.73	7.73	482.	0.	0.05	0.15	7.76	7.76	563.	0.	0.06	0.18
2671	30	7.73	7.73	222.	0.	0.03	0.08	7.76	7.76	513.	0.	0.05	0.16
2672	30	7.73	7.73	246.	0.	0.03	0.09	7.76	7.76	524.	0.	0.05	0.16
2673	30	7.73	7.73	500.	0.	0.05	0.16	7.76	7.76	575.	0.	0.06	0.18
2674	30	7.73	7.73	822.	0.	0.07	0.22	7.76	7.76	372.	0.	0.04	0.13
2675	30	7.73	7.73	816.	0.	0.07	0.20	7.76	7.76	0.	0.	0.00	0.00
2676	30	7.73	7.73	832.	0.	0.07	0.22	7.76	7.76	0.	0.	0.00	0.00
2677	30	7.73	7.73	685.	0.	0.07	0.20	7.76	7.76	113.	0.	0.02	0.07
2678	30	7.73	7.73	429.	0.	0.05	0.14	7.76	7.76	301.	0.	0.04	0.11
2679	30	7.73	7.73	253.	0.	0.03	0.09	7.76	7.76	351.	0.	0.04	0.11
2680	30	7.73	7.73	266.	0.	0.03	0.09	7.76	7.76	357.	0.	0.04	0.11
2681	30	7.73	7.73	443.	0.	0.05	0.15	7.76	7.76	306.	0.	0.04	0.11
2682	30	7.73	7.73	702.	0.	0.07	0.21	7.76	7.76	107.	0.	0.02	0.07
2683	30	7.73	7.73	839.	0.	0.07	0.23	7.76	7.76	0.	0.	0.00	0.00
2684	30	7.73	7.73	694.	0.	0.07	0.20	7.76	7.76	0.	0.	0.00	0.00
2685	30	7.73	7.73	627.	0.	0.06	0.17	7.76	7.76	185.	0.	0.02	0.05
2686	30	7.73	7.73	385.	0.	0.04	0.12	7.76	7.76	354.	0.	0.03	0.09
2687	30	7.73	7.73	220.	0.	0.02	0.07	7.76	7.76	371.	0.	0.03	0.09
2688	30	7.73	7.73	220.	0.	0.02	0.07	7.76	7.76	374.	0.	0.03	0.09
2689	30	7.73	7.73	394.	0.	0.04	0.12	7.76	7.76	362.	0.	0.03	0.09
2690	30	7.73	7.73	644.	0.	0.06	0.17	7.76	7.76	187.	0.	0.02	0.05
2691	30	7.73	7.73	711.	0.	0.07	0.21	7.76	7.76	0.	0.	0.00	0.00
2692	30	7.73	7.73	287.	0.	0.05	0.15	7.76	7.76	0.	0.	0.00	0.00
2693	30	7.73	7.73	455.	0.	0.05	0.15	7.76	7.76	366.	0.	0.03	0.09
2694	30	7.73	7.73	259.	0.	0.03	0.10	7.76	7.76	539.	0.	0.04	0.13
2695	30	7.73	7.73	100.	0.	0.02	0.05	7.76	7.76	487.	0.	0.04	0.12
2696	30	7.73	7.73	113.	0.	0.02	0.06	7.76	7.76	493.	0.	0.04	0.12
2697	30	7.73	7.73	267.	0.	0.03	0.10	7.76	7.76	550.	0.	0.05	0.14
2698	30	7.73	7.73	470.	0.	0.05	0.15	7.76	7.76	374.	0.	0.03	0.09
2699	30	7.73	7.73	266.	0.	0.05	0.14	7.76	7.76	0.	0.	0.00	0.00
2700	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2701	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	134.	0.	0.03	0.10
2702	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	493.	0.	0.05	0.15
2703	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	522.	0.	0.04	0.13
2704	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	527.	0.	0.04	0.13
2705	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	504.	0.	0.05	0.15
2706	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	136.	0.	0.03	0.10
2707	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2708	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2709	30	7.73	7.73	22.	0.	0.00	0.01	7.76	7.76	420.	0.	0.04	0.11
2710	30	7.73	7.73	42.	0.	0.00	0.01	7.76	7.76	656.	0.	0.05	0.16
2711	30	7.73	7.73	73.	0.	0.01	0.03	7.76	7.76	666.	0.	0.05	0.17
2712	30	7.73	7.73	80.	0.	0.01	0.03	7.76	7.76	696.	0.	0.06	0.17
2713	30	7.73	7.73	22.	0.	0.01	0.02	7.76	7.76	644.	0.	0.05	0.17
2714	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	121.	0.	0.03	0.08
2715	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2716	30	7.73	7.73	614.	0.	0.05	0.15	7.76	7.76	0.	0.	0.00	0.00
2717	30	7.73	7.73	586.	0.	0.05	0.15	7.76	7.76	319.	0.	0.03	0.10
2718	30	7.73	7.73	350.	0.	0.04	0.11	7.76	7.76	529.	0.	0.05	0.15
2719	30	7.73	7.73	182.	0.	0.02	0.07	7.76	7.76	589.	0.	0.05	0.16
2720	30	7.73	7.73	82.	0.	0.01	0.04	7.76	7.76	643.	0.	0.06	0.17
2721	30	7.73	7.73	33.	0.	0.01	0.03	7.76	7.76	582.	0.	0.05	0.16
2722	30	7.73	7.73	37.	0.	0.01	0.02	7.76	7.76	133.	0.	0.02	0.07
2723	30	7.73	7.73	0.	0.	0.01	0.04	7.76	7.76	0.	0.	0.00	0.00
2724	30	7.73	7.73	781.	0.	0.07	0.21	7.76	7.76	0.	0.	0.00	0.00
2725	30	7.73	7.73	590.	0.	0.06	0.18	7.76	7.76	62.	0.	0.02	0.05
2726	30	7.73	7.73	344.	0.	0.04	0.12	7.76	7.76	303.	0.	0.04	0.11
2727	30	7.73	7.73	140.	0.	0.02	0.06	7.76	7.76	484.	0.	0.04	0.13
2728	30	7.73	7.73	21.	0.	0.01	0.02	7.76	7.76	627.	0.	0.05	0.16
2729	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	627.	0.	0.05	0.16
2730	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	142.	0.	0.02	0.07

2731	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2732	30	7.73	7.73	842.	0.	0.07	0.23	7.76	7.76	0.	0.	0.00	0.00
2733	30	7.73	7.73	786.	0.	0.07	0.21	7.76	7.76	292.	0.	0.02	0.07
2734	30	7.73	7.73	509.	0.	0.05	0.15	7.76	7.76	514.	0.	0.04	0.13
2735	30	7.73	7.73	308.	0.	0.03	0.09	7.76	7.76	597.	0.	0.05	0.15
2736	30	7.73	7.73	218.	0.	0.02	0.06	7.76	7.76	680.	0.	0.06	0.17
2737	30	7.73	7.73	193.	0.	0.02	0.05	7.76	7.76	760.	0.	0.06	0.19
2738	30	7.73	7.73	163.	0.	0.01	0.04	7.76	7.76	516.	0.	0.05	0.15
2739	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2740	30	7.73	7.73	624.	0.	0.07	0.22	7.76	7.76	0.	0.	0.00	0.00
2741	30	7.73	7.73	783.	0.	0.07	0.22	7.76	7.76	533.	0.	0.04	0.13
2742	30	7.73	7.73	505.	0.	0.05	0.16	7.76	7.76	746.	0.	0.06	0.19
2743	30	7.73	7.73	336.	0.	0.04	0.11	7.76	7.76	692.	0.	0.06	0.17
2744	30	7.73	7.73	322.	0.	0.03	0.10	7.76	7.76	641.	0.	0.06	0.17
2745	30	7.73	7.73	451.	0.	0.04	0.13	7.76	7.76	613.	0.	0.06	0.18
2746	30	7.73	7.73	677.	0.	0.06	0.17	7.76	7.76	414.	0.	0.04	0.12
2747	30	7.73	7.73	611.	0.	0.05	0.15	7.76	7.76	0.	0.	0.00	0.00
2748	30	7.73	7.73	0.	0.	0.02	0.08	7.76	7.76	0.	0.	0.00	0.00
2749	30	7.73	7.73	56.	0.	0.03	0.09	7.76	7.76	349.	0.	0.06	0.19
2750	30	7.73	7.73	97.	0.	0.02	0.07	7.76	7.76	761.	0.	0.07	0.20
2751	30	7.73	7.73	148.	0.	0.02	0.06	7.76	7.76	668.	0.	0.06	0.18
2752	30	7.73	7.73	250.	0.	0.03	0.09	7.76	7.76	513.	0.	0.05	0.15
2753	30	7.73	7.73	422.	0.	0.04	0.13	7.76	7.76	383.	0.	0.04	0.13
2754	30	7.73	7.73	636.	0.	0.06	0.18	7.76	7.76	195.	0.	0.03	0.08
2755	30	7.73	7.73	691.	0.	0.06	0.18	7.76	7.76	0.	0.	0.00	0.00
2764	30	7.73	7.73	263.	0.	0.02	0.07	7.76	7.76	0.	0.	0.00	0.00
2765	30	7.73	7.73	378.	0.	0.03	0.09	7.76	7.76	617.	0.	0.06	0.19
2766	30	7.73	7.73	262.	0.	0.02	0.07	7.76	7.76	820.	0.	0.07	0.20
2767	30	7.73	7.73	229.	0.	0.02	0.06	7.76	7.76	712.	0.	0.06	0.18
2768	30	7.73	7.73	294.	0.	0.03	0.09	7.76	7.76	604.	0.	0.05	0.15
2769	30	7.73	7.73	464.	0.	0.04	0.13	7.76	7.76	528.	0.	0.04	0.13
2770	30	7.73	7.73	683.	0.	0.06	0.18	7.76	7.76	337.	0.	0.03	0.08
2771	30	7.73	7.73	647.	0.	0.06	0.18	7.76	7.76	0.	0.	0.00	0.00
2772	30	7.73	7.73	861.	0.	0.07	0.22	7.76	7.76	0.	0.	0.00	0.00
2773	30	7.73	7.73	823.	0.	0.07	0.22	7.76	7.76	395.	0.	0.04	0.13
2774	30	7.73	7.73	531.	0.	0.05	0.16	7.76	7.76	615.	0.	0.06	0.19
2775	30	7.73	7.73	345.	0.	0.04	0.11	7.76	7.76	641.	0.	0.06	0.17
2776	30	7.73	7.73	313.	0.	0.03	0.10	7.76	7.76	671.	0.	0.06	0.17
2777	30	7.73	7.73	418.	0.	0.04	0.13	7.76	7.76	710.	0.	0.06	0.18
2778	30	7.73	7.73	602.	0.	0.06	0.17	7.76	7.76	493.	0.	0.04	0.12
2779	30	7.73	7.73	313.	0.	0.05	0.15	7.76	7.76	0.	0.	0.00	0.00
2780	30	7.73	7.73	843.	0.	0.07	0.23	7.76	7.76	0.	0.	0.00	0.00
2781	30	7.73	7.73	696.	0.	0.07	0.21	7.76	7.76	135.	0.	0.02	0.07
2782	30	7.73	7.73	439.	0.	0.05	0.15	7.76	7.76	371.	0.	0.04	0.13
2783	30	7.73	7.73	260.	0.	0.03	0.09	7.76	7.76	522.	0.	0.05	0.15
2784	30	7.73	7.73	157.	0.	0.02	0.06	7.76	7.76	651.	0.	0.06	0.17
2785	30	7.73	7.73	60.	0.	0.02	0.05	7.76	7.76	709.	0.	0.06	0.19
2786	30	7.73	7.73	0.	0.	0.01	0.04	7.76	7.76	237.	0.	0.05	0.15
2787	30	7.73	7.73	0.	0.	0.01	0.02	7.76	7.76	0.	0.	0.00	0.00
2788	30	7.73	7.73	724.	0.	0.07	0.21	7.76	7.76	0.	0.	0.00	0.00
2789	30	7.73	7.73	643.	0.	0.06	0.18	7.76	7.76	220.	0.	0.02	0.05
2790	30	7.73	7.73	382.	0.	0.04	0.12	7.76	7.76	439.	0.	0.04	0.11
2791	30	7.73	7.73	171.	0.	0.02	0.06	7.76	7.76	531.	0.	0.04	0.13
2792	30	7.73	7.73	19.	0.	0.01	0.02	7.76	7.76	592.	0.	0.05	0.16
2793	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	569.	0.	0.05	0.16
2794	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	106.	0.	0.02	0.07
2795	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2796	30	7.73	7.73	300.	0.	0.05	0.15	7.76	7.76	0.	0.	0.00	0.00
2797	30	7.73	7.73	482.	0.	0.05	0.15	7.76	7.76	402.	0.	0.03	0.10
2798	30	7.73	7.73	295.	0.	0.04	0.11	7.76	7.76	622.	0.	0.05	0.15
2799	30	7.73	7.73	165.	0.	0.02	0.07	7.76	7.76	648.	0.	0.05	0.16
2800	30	7.73	7.73	92.	0.	0.01	0.04	7.76	7.76	686.	0.	0.06	0.17
2801	30	7.73	7.73	38.	0.	0.01	0.03	7.76	7.76	639.	0.	0.05	0.16
2802	30	7.73	7.73	70.	0.	0.01	0.02	7.76	7.76	163.	0.	0.02	0.07
2803	30	7.73	7.73	141.	0.	0.01	0.04	7.76	7.76	0.	0.	0.00	0.00
2804	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2805	30	7.73	7.73	0.	0.	0.00	0.01	7.76	7.76	146.	0.	0.04	0.11
2806	30	7.73	7.73	0.	0.	0.00	0.01	7.76	7.76	531.	0.	0.05	0.16
2807	30	7.73	7.73	26.	0.	0.01	0.03	7.76	7.76	602.	0.	0.05	0.17
2808	30	7.73	7.73	61.	0.	0.01	0.03	7.76	7.76	677.	0.	0.06	0.17
2809	30	7.73	7.73	15.	0.	0.01	0.02	7.76	7.76	668.	0.	0.05	0.17
2810	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	194.	0.	0.03	0.08
2811	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2812	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2813	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.01	0.03
2814	30	7.73	7.73	0.	0.	0.00	0.01	7.76	7.76	543.	0.	0.05	0.14
2815	30	7.73	7.73	12.	0.	0.00	0.01	7.76	7.76	689.	0.	0.06	0.17
2816	30	7.73	7.73	0.	0.	0.00	0.01	7.76	7.76	687.	0.	0.06	0.17
2817	30	7.73	7.73	1.	0.	0.00	0.00	7.76	7.76	685.	0.	0.06	0.17
2818	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	523.	0.	0.05	0.14
2819	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.01	0.03
2820	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2821	30	7.73	7.73	0.	0.	0.01	0.04	7.76	7.76	0.	0.	0.00	0.00
2822	30	7.73	7.73	75.	0.	0.01	0.02	7.76	7.76	21.	0.	0.01	0.03
2823	30	7.73	7.73	21.	0.	0.00	0.01	7.76	7.76	547.	0.	0.05	0.14
2824	30	7.73	7.73	2.	0.	0.00	0.01	7.76	7.76	714.	0.	0.06	0.18
2825	30	7.73	7.73	0.	0.	0.00	0.01	7.76	7.76	733.	0.	0.06	0.18
2826	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	712.	0.	0.06	0.18
2827	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	535.	0.	0.04	0.14
2828	30	7.73	7.73	0.	0.	0.00	0.01	7.76	7.76	7.	0.	0.01	0.03
2829	30	7.73	7.73	0.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
2830	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2831	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	38.	0.	0.02	0.05
2832	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	619.	0.	0.05	0.15
2833	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	729.	0.	0.06	0.18

2834	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	711.	0.	0.06	0.18
2835	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	730.	0.	0.06	0.18
2836	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	613.	0.	0.05	0.15
2837	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	43.	0.	0.02	0.05
2838	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2839	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2840	30	7.73	7.73	166.	0.	0.01	0.04	7.76	7.76	420.	0.	0.04	0.14
2841	30	7.73	7.73	136.	0.	0.01	0.03	7.76	7.76	756.	0.	0.06	0.19
2842	30	7.73	7.73	91.	0.	0.01	0.03	7.76	7.76	703.	0.	0.06	0.18
2843	30	7.73	7.73	0.	0.	0.00	0.01	7.76	7.76	572.	0.	0.05	0.17
2844	30	7.73	7.73	90.	0.	0.01	0.03	7.76	7.76	698.	0.	0.06	0.18
2845	30	7.73	7.73	150.	0.	0.01	0.04	7.76	7.76	742.	0.	0.06	0.19
2846	30	7.73	7.73	184.	0.	0.02	0.05	7.76	7.76	417.	0.	0.05	0.14
2847	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2848	30	7.73	7.73	631.	0.	0.05	0.16	7.76	7.76	0.	0.	0.00	0.00
2849	30	7.73	7.73	702.	0.	0.06	0.18	7.76	7.76	319.	0.	0.03	0.10
2850	30	7.73	7.73	473.	0.	0.05	0.14	7.76	7.76	539.	0.	0.06	0.17
2851	30	7.73	7.73	256.	0.	0.03	0.09	7.76	7.76	511.	0.	0.05	0.16
2852	30	7.73	7.73	91.	0.	0.01	0.04	7.76	7.76	396.	0.	0.04	0.12
2853	30	7.73	7.73	245.	0.	0.03	0.08	7.76	7.76	500.	0.	0.05	0.15
2854	30	7.73	7.73	459.	0.	0.04	0.14	7.76	7.76	522.	0.	0.05	0.17
2855	30	7.73	7.73	696.	0.	0.06	0.17	7.76	7.76	309.	0.	0.03	0.10
2856	30	7.73	7.73	591.	0.	0.05	0.15	7.76	7.76	0.	0.	0.00	0.00
2857	30	7.73	7.73	693.	0.	0.06	0.18	7.76	7.76	0.	0.	0.00	0.00
2858	30	7.73	7.73	658.	0.	0.06	0.18	7.76	7.76	124.	0.	0.02	0.06
2859	30	7.73	7.73	467.	0.	0.05	0.14	7.76	7.76	265.	0.	0.04	0.11
2860	30	7.73	7.73	287.	0.	0.03	0.09	7.76	7.76	297.	0.	0.03	0.10
2861	30	7.73	7.73	173.	0.	0.02	0.06	7.76	7.76	260.	0.	0.03	0.08
2862	30	7.73	7.73	276.	0.	0.03	0.09	7.76	7.76	287.	0.	0.03	0.10
2863	30	7.73	7.73	448.	0.	0.05	0.14	7.76	7.76	252.	0.	0.03	0.10
2864	30	7.73	7.73	637.	0.	0.06	0.17	7.76	7.76	119.	0.	0.02	0.06
2865	30	7.73	7.73	669.	0.	0.06	0.17	7.76	7.76	0.	0.	0.00	0.00
2875	30	7.73	7.73	659.	0.	0.06	0.18	7.76	7.76	0.	0.	0.00	0.00
2876	30	7.73	7.73	699.	0.	0.06	0.18	7.76	7.76	247.	0.	0.02	0.06
2877	30	7.73	7.73	503.	0.	0.05	0.14	7.76	7.76	428.	0.	0.04	0.11
2878	30	7.73	7.73	300.	0.	0.03	0.09	7.76	7.76	420.	0.	0.03	0.10
2879	30	7.73	7.73	159.	0.	0.02	0.06	7.76	7.76	331.	0.	0.03	0.08
2880	30	7.73	7.73	288.	0.	0.03	0.09	7.76	7.76	407.	0.	0.03	0.10
2881	30	7.73	7.73	488.	0.	0.05	0.14	7.76	7.76	410.	0.	0.03	0.10
2882	30	7.73	7.73	692.	0.	0.06	0.17	7.76	7.76	237.	0.	0.02	0.06
2883	30	7.73	7.73	633.	0.	0.06	0.17	7.76	7.76	0.	0.	0.00	0.00
2884	30	7.73	7.73	339.	0.	0.05	0.16	7.76	7.76	0.	0.	0.00	0.00
2885	30	7.73	7.73	602.	0.	0.06	0.18	7.76	7.76	394.	0.	0.03	0.10
2886	30	7.73	7.73	422.	0.	0.05	0.14	7.76	7.76	677.	0.	0.06	0.17
2887	30	7.73	7.73	227.	0.	0.03	0.09	7.76	7.76	627.	0.	0.05	0.16
2888	30	7.73	7.73	64.	0.	0.01	0.04	7.76	7.76	494.	0.	0.04	0.12
2889	30	7.73	7.73	218.	0.	0.03	0.08	7.76	7.76	617.	0.	0.05	0.15
2890	30	7.73	7.73	412.	0.	0.04	0.14	7.76	7.76	664.	0.	0.05	0.17
2891	30	7.73	7.73	593.	0.	0.06	0.17	7.76	7.76	387.	0.	0.03	0.10
2892	30	7.73	7.73	317.	0.	0.05	0.15	7.76	7.76	0.	0.	0.00	0.00
2893	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2894	30	7.73	7.73	0.	0.	0.02	0.05	7.76	7.76	121.	0.	0.04	0.14
2895	30	7.73	7.73	1.	0.	0.01	0.03	7.76	7.76	680.	0.	0.06	0.19
2896	30	7.73	7.73	30.	0.	0.01	0.03	7.76	7.76	735.	0.	0.06	0.18
2897	30	7.73	7.73	0.	0.	0.00	0.01	7.76	7.76	663.	0.	0.05	0.17
2898	30	7.73	7.73	32.	0.	0.01	0.03	7.76	7.76	729.	0.	0.06	0.18
2899	30	7.73	7.73	19.	0.	0.01	0.04	7.76	7.76	681.	0.	0.06	0.19
2900	30	7.73	7.73	0.	0.	0.02	0.05	7.76	7.76	140.	0.	0.05	0.14
2901	30	7.73	7.73	0.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
2902	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2903	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.02	0.05
2904	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	557.	0.	0.05	0.15
2905	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	718.	0.	0.06	0.18
2906	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	735.	0.	0.06	0.18
2907	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	718.	0.	0.06	0.18
2908	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	549.	0.	0.05	0.15
2909	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.02	0.05
2910	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2911	30	7.73	7.73	152.	0.	0.01	0.04	7.76	7.76	0.	0.	0.00	0.00
2912	30	7.73	7.73	19.	0.	0.01	0.02	7.76	7.76	1.	0.	0.01	0.03
2913	30	7.73	7.73	6.	0.	0.00	0.01	7.76	7.76	556.	0.	0.05	0.14
2914	30	7.73	7.73	0.	0.	0.00	0.01	7.76	7.76	705.	0.	0.06	0.18
2915	30	7.73	7.73	0.	0.	0.00	0.01	7.76	7.76	713.	0.	0.06	0.18
2916	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	704.	0.	0.06	0.18
2917	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	534.	0.	0.04	0.14
2918	30	7.73	7.73	0.	0.	0.00	0.01	7.76	7.76	0.	0.	0.01	0.03
2919	30	7.73	7.73	106.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
2920	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2921	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.01	0.03
2922	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	554.	0.	0.05	0.14
2923	30	7.73	7.73	1.	0.	0.00	0.01	7.76	7.76	662.	0.	0.06	0.17
2924	30	7.73	7.73	0.	0.	0.00	0.01	7.76	7.76	637.	0.	0.06	0.17
2925	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	652.	0.	0.06	0.17
2926	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	537.	0.	0.05	0.14
2927	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	7.	0.	0.01	0.03
2928	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2929	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2930	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	5.	0.	0.02	0.05
2931	30	7.73	7.73	57.	0.	0.01	0.03	7.76	7.76	589.	0.	0.05	0.16
2932	30	7.73	7.73	110.	0.	0.01	0.04	7.76	7.76	708.	0.	0.06	0.18
2933	30	7.73	7.73	94.	0.	0.01	0.03	7.76	7.76	703.	0.	0.06	0.18
2934	30	7.73	7.73	42.	0.	0.00	0.01	7.76	7.76	681.	0.	0.06	0.17
2935	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	428.	0.	0.04	0.11
2936	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2937	30	7.73	7.73	0.	0.	0.01	0.02	7.76	7.76	0.	0.	0.00	0.00

2938	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2939	30	7.73	7.73	10.	0.	0.01	0.02	7.76	7.76	443.	0.	0.05	0.14
2940	30	7.73	7.73	57.	0.	0.01	0.04	7.76	7.76	637.	0.	0.06	0.17
2941	30	7.73	7.73	178.	0.	0.02	0.07	7.76	7.76	621.	0.	0.06	0.17
2942	30	7.73	7.73	349.	0.	0.04	0.11	7.76	7.76	557.	0.	0.05	0.16
2943	30	7.73	7.73	581.	0.	0.05	0.15	7.76	7.76	332.	0.	0.03	0.10
2944	30	7.73	7.73	595.	0.	0.05	0.15	7.76	7.76	0.	0.	0.00	0.00
2945	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2946	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	190.	0.	0.02	0.05
2947	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	522.	0.	0.04	0.13
2948	30	7.73	7.73	0.	0.	0.00	0.01	7.76	7.76	617.	0.	0.05	0.15
2949	30	7.73	7.73	112.	0.	0.02	0.06	7.76	7.76	508.	0.	0.05	0.14
2950	30	7.73	7.73	326.	0.	0.04	0.12	7.76	7.76	325.	0.	0.04	0.12
2951	30	7.73	7.73	581.	0.	0.06	0.17	7.76	7.76	75.	0.	0.02	0.06
2952	30	7.73	7.73	770.	0.	0.07	0.20	7.76	7.76	0.	0.	0.00	0.00
2953	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
2954	30	7.73	7.73	6.	0.	0.00	0.00	7.76	7.76	610.	0.	0.05	0.16
2955	30	7.73	7.73	193.	0.	0.02	0.05	7.76	7.76	765.	0.	0.06	0.19
2956	30	7.73	7.73	249.	0.	0.02	0.07	7.76	7.76	683.	0.	0.06	0.17
2957	30	7.73	7.73	319.	0.	0.03	0.09	7.76	7.76	621.	0.	0.05	0.15
2958	30	7.73	7.73	511.	0.	0.05	0.15	7.76	7.76	535.	0.	0.04	0.13
2959	30	7.73	7.73	781.	0.	0.07	0.21	7.76	7.76	301.	0.	0.02	0.08
2960	30	7.73	7.73	832.	0.	0.07	0.22	7.76	7.76	0.	0.	0.00	0.00
2961	30	7.73	7.73	696.	0.	0.06	0.18	7.76	7.76	0.	0.	0.00	0.00
2962	30	7.73	7.73	665.	0.	0.06	0.18	7.76	7.76	438.	0.	0.04	0.13
2963	30	7.73	7.73	483.	0.	0.05	0.14	7.76	7.76	568.	0.	0.06	0.17
2964	30	7.73	7.73	364.	0.	0.04	0.11	7.76	7.76	626.	0.	0.05	0.17
2965	30	7.73	7.73	362.	0.	0.04	0.11	7.76	7.76	712.	0.	0.06	0.18
2966	30	7.73	7.73	516.	0.	0.05	0.16	7.76	7.76	765.	0.	0.06	0.19
2967	30	7.73	7.73	780.	0.	0.07	0.22	7.76	7.76	533.	0.	0.04	0.13
2968	30	7.73	7.73	614.	0.	0.07	0.21	7.76	7.76	0.	0.	0.00	0.00
2969	30	7.73	7.73	710.	0.	0.06	0.19	7.76	7.76	0.	0.	0.00	0.00
2970	30	7.73	7.73	620.	0.	0.06	0.18	7.76	7.76	189.	0.	0.03	0.08
2971	30	7.73	7.73	431.	0.	0.04	0.14	7.76	7.76	354.	0.	0.04	0.12
2972	30	7.73	7.73	275.	0.	0.03	0.09	7.76	7.76	504.	0.	0.05	0.15
2973	30	7.73	7.73	170.	0.	0.02	0.07	7.76	7.76	679.	0.	0.06	0.18
2974	30	7.73	7.73	110.	0.	0.02	0.07	7.76	7.76	776.	0.	0.07	0.21
2975	30	7.73	7.73	62.	0.	0.03	0.09	7.76	7.76	385.	0.	0.06	0.19
2976	30	7.73	7.73	0.	0.	0.03	0.08	7.76	7.76	0.	0.	0.00	0.00
2985	30	7.73	7.73	662.	0.	0.06	0.19	7.76	7.76	0.	0.	0.00	0.00
2986	30	7.73	7.73	675.	0.	0.06	0.18	7.76	7.76	325.	0.	0.03	0.08
2987	30	7.73	7.73	474.	0.	0.04	0.14	7.76	7.76	484.	0.	0.04	0.12
2988	30	7.73	7.73	325.	0.	0.03	0.09	7.76	7.76	587.	0.	0.05	0.15
2989	30	7.73	7.73	254.	0.	0.02	0.07	7.76	7.76	728.	0.	0.06	0.18
2990	30	7.73	7.73	275.	0.	0.02	0.07	7.76	7.76	833.	0.	0.07	0.21
2991	30	7.73	7.73	368.	0.	0.03	0.09	7.76	7.76	613.	0.	0.06	0.19
2992	30	7.73	7.73	246.	0.	0.02	0.06	7.76	7.76	0.	0.	0.00	0.00
2993	30	7.73	7.73	395.	0.	0.06	0.18	7.76	7.76	0.	0.	0.00	0.00
2994	30	7.73	7.73	615.	0.	0.06	0.18	7.76	7.76	525.	0.	0.04	0.13
2995	30	7.73	7.73	450.	0.	0.05	0.14	7.76	7.76	689.	0.	0.06	0.17
2996	30	7.73	7.73	358.	0.	0.04	0.11	7.76	7.76	663.	0.	0.05	0.17
2997	30	7.73	7.73	372.	0.	0.04	0.11	7.76	7.76	663.	0.	0.06	0.18
2998	30	7.73	7.73	540.	0.	0.05	0.16	7.76	7.76	634.	0.	0.06	0.19
2999	30	7.73	7.73	819.	0.	0.07	0.22	7.76	7.76	400.	0.	0.04	0.13
3000	30	7.73	7.73	851.	0.	0.07	0.21	7.76	7.76	0.	0.	0.00	0.00
3001	30	7.73	7.73	0.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
3002	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	294.	0.	0.05	0.16
3003	30	7.73	7.73	0.	0.	0.01	0.04	7.76	7.76	677.	0.	0.06	0.19
3004	30	7.73	7.73	96.	0.	0.02	0.07	7.76	7.76	655.	0.	0.06	0.17
3005	30	7.73	7.73	252.	0.	0.03	0.09	7.76	7.76	548.	0.	0.05	0.15
3006	30	7.73	7.73	439.	0.	0.05	0.15	7.76	7.76	396.	0.	0.04	0.13
3007	30	7.73	7.73	690.	0.	0.07	0.21	7.76	7.76	147.	0.	0.02	0.08
3008	30	7.73	7.73	833.	0.	0.07	0.22	7.76	7.76	0.	0.	0.00	0.00
3009	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3010	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.01	0.04
3011	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	389.	0.	0.04	0.13
3012	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	570.	0.	0.05	0.15
3013	30	7.73	7.73	142.	0.	0.02	0.06	7.76	7.76	555.	0.	0.05	0.14
3014	30	7.73	7.73	370.	0.	0.04	0.12	7.76	7.76	462.	0.	0.04	0.12
3015	30	7.73	7.73	634.	0.	0.06	0.17	7.76	7.76	234.	0.	0.02	0.06
3016	30	7.73	7.73	701.	0.	0.07	0.20	7.76	7.76	0.	0.	0.00	0.00
3017	30	7.73	7.73	78.	0.	0.01	0.02	7.76	7.76	0.	0.	0.00	0.00
3018	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3019	30	7.73	7.73	8.	0.	0.01	0.02	7.76	7.76	559.	0.	0.05	0.14
3020	30	7.73	7.73	101.	0.	0.01	0.04	7.76	7.76	699.	0.	0.06	0.17
3021	30	7.73	7.73	173.	0.	0.02	0.07	7.76	7.76	689.	0.	0.06	0.17
3022	30	7.73	7.73	299.	0.	0.04	0.11	7.76	7.76	650.	0.	0.05	0.16
3023	30	7.73	7.73	480.	0.	0.05	0.15	7.76	7.76	413.	0.	0.03	0.10
3024	30	7.73	7.73	285.	0.	0.05	0.15	7.76	7.76	0.	0.	0.00	0.00
3025	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3026	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	125.	0.	0.02	0.05
3027	30	7.73	7.73	48.	0.	0.01	0.03	7.76	7.76	637.	0.	0.05	0.16
3028	30	7.73	7.73	93.	0.	0.01	0.04	7.76	7.76	691.	0.	0.06	0.18
3029	30	7.73	7.73	51.	0.	0.01	0.03	7.76	7.76	638.	0.	0.06	0.18
3030	30	7.73	7.73	0.	0.	0.01	0.02	7.76	7.76	542.	0.	0.06	0.17
3031	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	151.	0.	0.04	0.11
3032	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3033	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3034	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	385.	0.	0.03	0.10
3035	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	595.	0.	0.05	0.15
3036	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	553.	0.	0.05	0.14
3037	30	7.73	7.73	2.	0.	0.00	0.01	7.76	7.76	668.	0.	0.06	0.17
3038	30	7.73	7.73	102.	0.	0.01	0.03	7.76	7.76	935.	0.	0.08	0.24
3039	30	7.73	7.73	288.	0.	0.02	0.07	7.76	7.76	973.	0.	0.09	0.28
3040	30	7.73	7.73	743.	0.	0.06	0.19	7.76	7.76	162.	0.	0.04	0.13

3041	30	7.73	7.73	578.	0.	0.05	0.14	7.76	7.76	0.	0.	0.00	0.00
3042	30	7.73	7.73	572.	0.	0.05	0.15	7.76	7.76	280.	0.	0.03	0.09
3043	30	7.73	7.73	333.	0.	0.03	0.10	7.76	7.76	450.	0.	0.05	0.14
3044	30	7.73	7.73	150.	0.	0.02	0.05	7.76	7.76	442.	0.	0.04	0.13
3045	30	7.73	7.73	199.	0.	0.02	0.07	7.76	7.76	507.	0.	0.05	0.15
3046	30	7.73	7.73	469.	0.	0.05	0.15	7.76	7.76	642.	0.	0.07	0.21
3047	30	7.73	7.73	916.	0.	0.09	0.26	7.76	7.76	561.	0.	0.07	0.20
3048	30	7.73	7.73	1238.	0.	0.10	0.31	7.76	7.76	0.	0.	0.01	0.02
3049	30	7.73	7.73	771.	0.	0.07	0.20	7.76	7.76	0.	0.	0.00	0.00
3050	30	7.73	7.73	588.	0.	0.06	0.17	7.76	7.76	30.	0.	0.01	0.04
3051	30	7.73	7.73	362.	0.	0.04	0.12	7.76	7.76	239.	0.	0.03	0.09
3052	30	7.73	7.73	227.	0.	0.02	0.07	7.76	7.76	331.	0.	0.03	0.10
3053	30	7.73	7.73	254.	0.	0.03	0.09	7.76	7.76	366.	0.	0.04	0.11
3054	30	7.73	7.73	457.	0.	0.05	0.15	7.76	7.76	350.	0.	0.04	0.13
3055	30	7.73	7.73	792.	0.	0.08	0.24	7.76	7.76	180.	0.	0.03	0.10
3056	30	7.73	7.73	1021.	0.	0.09	0.28	7.76	7.76	0.	0.	0.00	0.00
3057	30	7.73	7.73	817.	0.	0.07	0.22	7.76	7.76	0.	0.	0.00	0.00
3058	30	7.73	7.73	771.	0.	0.07	0.20	7.76	7.76	255.	0.	0.02	0.06
3059	30	7.73	7.73	488.	0.	0.05	0.14	7.76	7.76	439.	0.	0.04	0.11
3060	30	7.73	7.73	274.	0.	0.03	0.09	7.76	7.76	431.	0.	0.04	0.11
3061	30	7.73	7.73	275.	0.	0.03	0.09	7.76	7.76	436.	0.	0.04	0.11
3062	30	7.73	7.73	494.	0.	0.05	0.15	7.76	7.76	434.	0.	0.04	0.11
3063	30	7.73	7.73	792.	0.	0.07	0.21	7.76	7.76	242.	0.	0.02	0.06
3064	30	7.73	7.73	878.	0.	0.08	0.25	7.76	7.76	0.	0.	0.00	0.00
3065	30	7.73	7.73	570.	0.	0.07	0.20	7.76	7.76	0.	0.	0.00	0.00
3066	30	7.73	7.73	763.	0.	0.07	0.21	7.76	7.76	508.	0.	0.04	0.13
3067	30	7.73	7.73	453.	0.	0.05	0.15	7.76	7.76	723.	0.	0.06	0.18
3068	30	7.73	7.73	191.	0.	0.03	0.08	7.76	7.76	625.	0.	0.05	0.16
3069	30	7.73	7.73	207.	0.	0.03	0.08	7.76	7.76	633.	0.	0.05	0.16
3070	30	7.73	7.73	449.	0.	0.05	0.15	7.76	7.76	726.	0.	0.06	0.18
3071	30	7.73	7.73	754.	0.	0.07	0.21	7.76	7.76	508.	0.	0.04	0.13
3072	30	7.73	7.73	559.	0.	0.07	0.21	7.76	7.76	0.	0.	0.00	0.00
3073	30	7.73	7.73	0.	0.	0.02	0.06	7.76	7.76	0.	0.	0.00	0.00
3074	30	7.73	7.73	47.	0.	0.03	0.09	7.76	7.76	378.	0.	0.06	0.19
3075	30	7.73	7.73	60.	0.	0.02	0.05	7.76	7.76	783.	0.	0.07	0.21
3076	30	7.73	7.73	2.	0.	0.01	0.02	7.76	7.76	731.	0.	0.06	0.18
3077	30	7.73	7.73	17.	0.	0.01	0.03	7.76	7.76	734.	0.	0.06	0.18
3078	30	7.73	7.73	59.	0.	0.02	0.05	7.76	7.76	754.	0.	0.07	0.21
3079	30	7.73	7.73	48.	0.	0.03	0.08	7.76	7.76	371.	0.	0.06	0.19
3080	30	7.73	7.73	0.	0.	0.02	0.06	7.76	7.76	0.	0.	0.00	0.00
3089	30	7.73	7.73	189.	0.	0.02	0.05	7.76	7.76	0.	0.	0.00	0.00
3090	30	7.73	7.73	346.	0.	0.03	0.09	7.76	7.76	600.	0.	0.06	0.19
3091	30	7.73	7.73	200.	0.	0.02	0.05	7.76	7.76	824.	0.	0.07	0.21
3092	30	7.73	7.73	45.	0.	0.01	0.02	7.76	7.76	708.	0.	0.06	0.18
3093	30	7.73	7.73	59.	0.	0.01	0.03	7.76	7.76	714.	0.	0.06	0.18
3094	30	7.73	7.73	195.	0.	0.02	0.05	7.76	7.76	823.	0.	0.07	0.21
3095	30	7.73	7.73	334.	0.	0.03	0.08	7.76	7.76	596.	0.	0.06	0.19
3096	30	7.73	7.73	177.	0.	0.01	0.04	7.76	7.76	0.	0.	0.00	0.00
3097	30	7.73	7.73	803.	0.	0.07	0.20	7.76	7.76	0.	0.	0.00	0.00
3098	30	7.73	7.73	802.	0.	0.07	0.21	7.76	7.76	362.	0.	0.04	0.13
3099	30	7.73	7.73	482.	0.	0.05	0.15	7.76	7.76	558.	0.	0.06	0.18
3100	30	7.73	7.73	219.	0.	0.03	0.08	7.76	7.76	510.	0.	0.05	0.16
3101	30	7.73	7.73	237.	0.	0.03	0.08	7.76	7.76	518.	0.	0.05	0.16
3102	30	7.73	7.73	484.	0.	0.05	0.15	7.76	7.76	563.	0.	0.06	0.18
3103	30	7.73	7.73	804.	0.	0.07	0.21	7.76	7.76	361.	0.	0.04	0.13
3104	30	7.73	7.73	822.	0.	0.07	0.21	7.76	7.76	0.	0.	0.00	0.00
3105	30	7.73	7.73	825.	0.	0.07	0.22	7.76	7.76	0.	0.	0.00	0.00
3106	30	7.73	7.73	685.	0.	0.07	0.20	7.76	7.76	100.	0.	0.02	0.06
3107	30	7.73	7.73	428.	0.	0.05	0.14	7.76	7.76	296.	0.	0.04	0.11
3108	30	7.73	7.73	258.	0.	0.03	0.09	7.76	7.76	354.	0.	0.04	0.11
3109	30	7.73	7.73	249.	0.	0.03	0.09	7.76	7.76	358.	0.	0.04	0.11
3110	30	7.73	7.73	413.	0.	0.05	0.15	7.76	7.76	282.	0.	0.04	0.11
3111	30	7.73	7.73	698.	0.	0.07	0.21	7.76	7.76	56.	0.	0.02	0.06
3112	30	7.73	7.73	934.	0.	0.08	0.25	7.76	7.76	0.	0.	0.00	0.00
3113	30	7.73	7.73	706.	0.	0.07	0.20	7.76	7.76	0.	0.	0.00	0.00
3114	30	7.73	7.73	638.	0.	0.06	0.17	7.76	7.76	180.	0.	0.01	0.04
3115	30	7.73	7.73	393.	0.	0.04	0.12	7.76	7.76	358.	0.	0.03	0.09
3116	30	7.73	7.73	222.	0.	0.02	0.07	7.76	7.76	386.	0.	0.03	0.10
3117	30	7.73	7.73	258.	0.	0.03	0.09	7.76	7.76	434.	0.	0.04	0.11
3118	30	7.73	7.73	505.	0.	0.05	0.15	7.76	7.76	505.	0.	0.04	0.13
3119	30	7.73	7.73	889.	0.	0.08	0.24	7.76	7.76	398.	0.	0.03	0.10
3120	30	7.73	7.73	1070.	0.	0.09	0.28	7.76	7.76	0.	0.	0.00	0.00
3121	30	7.73	7.73	269.	0.	0.05	0.14	7.76	7.76	0.	0.	0.00	0.00
3122	30	7.73	7.73	466.	0.	0.05	0.15	7.76	7.76	364.	0.	0.03	0.09
3123	30	7.73	7.73	268.	0.	0.03	0.10	7.76	7.76	549.	0.	0.05	0.14
3124	30	7.73	7.73	104.	0.	0.02	0.05	7.76	7.76	519.	0.	0.04	0.13
3125	30	7.73	7.73	155.	0.	0.02	0.07	7.76	7.76	605.	0.	0.05	0.15
3126	30	7.73	7.73	421.	0.	0.05	0.15	7.76	7.76	823.	0.	0.07	0.21
3127	30	7.73	7.73	866.	0.	0.09	0.26	7.76	7.76	801.	0.	0.07	0.20
3128	30	7.73	7.73	1074.	0.	0.10	0.31	7.76	7.76	29.	0.	0.01	0.03
3129	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3130	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	122.	0.	0.03	0.10
3131	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	498.	0.	0.05	0.15
3132	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	567.	0.	0.05	0.14
3133	30	7.73	7.73	0.	0.	0.00	0.01	7.76	7.76	679.	0.	0.06	0.17
3134	30	7.73	7.73	0.	0.	0.01	0.03	7.76	7.76	872.	0.	0.08	0.24
3135	30	7.73	7.73	0.	0.	0.02	0.07	7.76	7.76	800.	0.	0.09	0.28
3136	30	7.73	7.73	531.	0.	0.06	0.19	7.76	7.76	0.	0.	0.05	0.14
3137	30	7.73	7.73	650.	0.	0.05	0.16	7.76	7.76	0.	0.	0.00	0.00
3138	30	7.73	7.73	1128.	0.	0.09	0.28	7.76	7.76	368.	0.	0.05	0.14
3139	30	7.73	7.73	879.	0.	0.08	0.23	7.76	7.76	692.	0.	0.07	0.20
3140	30	7.73	7.73	683.	0.	0.06	0.17	7.76	7.76	429.	0.	0.04	0.12
3141	30	7.73	7.73	1127.	0.	0.09	0.29	7.76	7.76	0.	0.	0.00	0.00
3142	30	7.73	7.73	1264.	0.	0.11	0.33	7.76	7.76	174.	0.	0.03	0.08
3143	30	7.73	7.73	1006.	0.	0.10	0.29	7.76	7.76	341.	0.	0.04	0.13

3144	30	7.73	7.73	806.	0.	0.07	0.23	7.76	7.76	280.	0.	0.03	0.09
3145	30	7.73	7.73	1053.	0.	0.09	0.28	7.76	7.76	0.	0.	0.00	0.00
3146	30	7.73	7.73	917.	0.	0.09	0.27	7.76	7.76	0.	0.	0.01	0.02
3147	30	7.73	7.73	743.	0.	0.07	0.23	7.76	7.76	60.	0.	0.02	0.05
3148	30	7.73	7.73	578.	0.	0.06	0.17	7.76	7.76	105.	0.	0.02	0.05
3149	30	7.73	7.73	902.	0.	0.08	0.25	7.76	7.76	0.	0.	0.00	0.00
3150	30	7.73	7.73	822.	0.	0.07	0.22	7.76	7.76	16.	0.	0.00	0.00
3151	30	7.73	7.73	612.	0.	0.06	0.17	7.76	7.76	125.	0.	0.01	0.03
3152	30	7.73	7.73	418.	0.	0.04	0.12	7.76	7.76	130.	0.	0.01	0.03
3153	30	7.73	7.73	563.	0.	0.07	0.20	7.76	7.76	0.	0.	0.00	0.00
3154	30	7.73	7.73	728.	0.	0.07	0.21	7.76	7.76	225.	0.	0.02	0.06
3155	30	7.73	7.73	473.	0.	0.05	0.16	7.76	7.76	381.	0.	0.03	0.09
3156	30	7.73	7.73	278.	0.	0.03	0.10	7.76	7.76	269.	0.	0.02	0.07
3157	30	7.73	7.73	0.	0.	0.02	0.05	7.76	7.76	0.	0.	0.00	0.00
3158	30	7.73	7.73	0.	0.	0.03	0.08	7.76	7.76	115.	0.	0.04	0.12
3159	30	7.73	7.73	0.	0.	0.01	0.04	7.76	7.76	378.	0.	0.04	0.12
3160	30	7.73	7.73	0.	0.	0.01	0.02	7.76	7.76	229.	0.	0.03	0.08
3165	30	7.73	7.73	141.	0.	0.01	0.04	7.76	7.76	0.	0.	0.00	0.00
3166	30	7.73	7.73	317.	0.	0.03	0.08	7.76	7.76	310.	0.	0.04	0.12
3167	30	7.73	7.73	161.	0.	0.01	0.04	7.76	7.76	475.	0.	0.04	0.12
3168	30	7.73	7.73	67.	0.	0.01	0.02	7.76	7.76	308.	0.	0.03	0.08
3169	30	7.73	7.73	815.	0.	0.07	0.20	7.76	7.76	0.	0.	0.00	0.00
3170	30	7.73	7.73	830.	0.	0.07	0.21	7.76	7.76	99.	0.	0.02	0.06
3171	30	7.73	7.73	555.	0.	0.05	0.16	7.76	7.76	235.	0.	0.03	0.09
3172	30	7.73	7.73	361.	0.	0.03	0.10	7.76	7.76	196.	0.	0.02	0.07
3173	30	7.73	7.73	975.	0.	0.08	0.25	7.76	7.76	0.	0.	0.00	0.00
3174	30	7.73	7.73	803.	0.	0.07	0.22	7.76	7.76	0.	0.	0.00	0.01
3175	30	7.73	7.73	570.	0.	0.06	0.17	7.76	7.76	0.	0.	0.01	0.03
3176	30	7.73	7.73	424.	0.	0.04	0.12	7.76	7.76	49.	0.	0.01	0.03
3177	30	7.73	7.73	1077.	0.	0.09	0.28	7.76	7.76	0.	0.	0.00	0.00
3178	30	7.73	7.73	1073.	0.	0.09	0.27	7.76	7.76	83.	0.	0.01	0.02
3179	30	7.73	7.73	885.	0.	0.07	0.23	7.76	7.76	214.	0.	0.02	0.05
3180	30	7.73	7.73	697.	0.	0.06	0.17	7.76	7.76	213.	0.	0.02	0.05
3181	30	7.73	7.73	940.	0.	0.09	0.29	7.76	7.76	0.	0.	0.00	0.00
3182	30	7.73	7.73	1319.	0.	0.11	0.33	7.76	7.76	306.	0.	0.03	0.08
3183	30	7.73	7.73	1065.	0.	0.10	0.29	7.76	7.76	541.	0.	0.04	0.13
3184	30	7.73	7.73	834.	0.	0.07	0.23	7.76	7.76	368.	0.	0.03	0.09
3185	30	7.73	7.73	0.	0.	0.05	0.16	7.76	7.76	0.	0.	0.00	0.00
3186	30	7.73	7.73	796.	0.	0.09	0.28	7.76	7.76	400.	0.	0.05	0.14
3187	30	7.73	7.73	717.	0.	0.08	0.23	7.76	7.76	813.	0.	0.07	0.20
3188	30	7.73	7.73	503.	0.	0.06	0.17	7.76	7.76	472.	0.	0.04	0.12
3197	30	7.73	7.73	966.	0.	0.11	0.33	7.76	7.76	0.	0.	0.00	0.00
3198	30	7.73	7.73	1396.	0.	0.13	0.41	7.76	7.76	159.	0.	0.05	0.15
3199	30	7.73	7.73	1256.	0.	0.11	0.34	7.76	7.76	831.	0.	0.09	0.27
3200	30	7.73	7.73	1086.	0.	0.09	0.29	7.76	7.76	1195.	0.	0.11	0.34
3201	30	7.73	7.73	555.	0.	0.07	0.22	7.76	7.76	185.	0.	0.04	0.12
3202	30	7.73	7.73	876.	0.	0.09	0.29	7.76	7.76	664.	0.	0.08	0.25
3203	30	7.73	7.73	955.	0.	0.09	0.29	7.76	7.76	1149.	0.	0.11	0.34
3204	30	7.73	7.73	895.	0.	0.08	0.26	7.76	7.76	1498.	0.	0.13	0.40
3205	30	7.73	7.73	170.	0.	0.03	0.09	7.76	7.76	579.	0.	0.06	0.19
3206	30	7.73	7.73	481.	0.	0.06	0.17	7.76	7.76	841.	0.	0.08	0.25
3207	30	7.73	7.73	663.	0.	0.07	0.21	7.76	7.76	1092.	0.	0.10	0.30
3208	30	7.73	7.73	666.	0.	0.06	0.20	7.76	7.76	1287.	0.	0.11	0.33
3209	30	7.73	7.73	0.	0.	0.01	0.02	7.76	7.76	609.	0.	0.06	0.19
3210	30	7.73	7.73	280.	0.	0.04	0.11	7.76	7.76	817.	0.	0.07	0.22
3211	30	7.73	7.73	530.	0.	0.05	0.16	7.76	7.76	911.	0.	0.08	0.24
3212	30	7.73	7.73	530.	0.	0.05	0.15	7.76	7.76	954.	0.	0.08	0.25
3213	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	198.	0.	0.03	0.10
3214	30	7.73	7.73	218.	0.	0.03	0.09	7.76	7.76	500.	0.	0.05	0.17
3215	30	7.73	7.73	540.	0.	0.05	0.14	7.76	7.76	558.	0.	0.05	0.15
3216	30	7.73	7.73	472.	0.	0.04	0.12	7.76	7.76	529.	0.	0.05	0.15
3217	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3218	30	7.73	7.73	0.	0.	0.02	0.05	7.76	7.76	0.	0.	0.00	0.00
3219	30	7.73	7.73	326.	0.	0.04	0.13	7.76	7.76	0.	0.	0.00	0.00
3220	30	7.73	7.73	354.	0.	0.03	0.10	7.76	7.76	10.	0.	0.01	0.02
3221	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3222	30	7.73	7.73	0.	0.	0.01	0.04	7.76	7.76	0.	0.	0.00	0.00
3223	30	7.73	7.73	221.	0.	0.03	0.08	7.76	7.76	0.	0.	0.00	0.00
3224	30	7.73	7.73	210.	0.	0.02	0.05	7.76	7.76	0.	0.	0.00	0.00
3225	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	119.	0.	0.03	0.08
3226	30	7.73	7.73	88.	0.	0.02	0.05	7.76	7.76	293.	0.	0.04	0.12
3227	30	7.73	7.73	355.	0.	0.03	0.10	7.76	7.76	327.	0.	0.03	0.08
3228	30	7.73	7.73	285.	0.	0.02	0.07	7.76	7.76	201.	0.	0.02	0.05
3229	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	490.	0.	0.04	0.12
3230	30	7.73	7.73	24.	0.	0.01	0.03	7.76	7.76	497.	0.	0.04	0.13
3231	30	7.73	7.73	168.	0.	0.02	0.06	7.76	7.76	458.	0.	0.04	0.11
3232	30	7.73	7.73	180.	0.	0.02	0.06	7.76	7.76	318.	0.	0.03	0.08
3233	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	526.	0.	0.04	0.13
3234	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	470.	0.	0.04	0.12
3235	30	7.73	7.73	19.	0.	0.01	0.02	7.76	7.76	374.	0.	0.03	0.09
3236	30	7.73	7.73	55.	0.	0.01	0.03	7.76	7.76	281.	0.	0.02	0.07
3237	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	531.	0.	0.04	0.13
3238	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	475.	0.	0.04	0.12
3239	30	7.73	7.73	27.	0.	0.01	0.02	7.76	7.76	382.	0.	0.03	0.10
3240	30	7.73	7.73	68.	0.	0.01	0.03	7.76	7.76	289.	0.	0.02	0.07
3241	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	500.	0.	0.04	0.13
3242	30	7.73	7.73	25.	0.	0.01	0.03	7.76	7.76	508.	0.	0.04	0.14
3243	30	7.73	7.73	171.	0.	0.02	0.06	7.76	7.76	472.	0.	0.04	0.12
3244	30	7.73	7.73	186.	0.	0.02	0.06	7.76	7.76	332.	0.	0.03	0.08
3245	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	120.	0.	0.03	0.08
3246	30	7.73	7.73	83.	0.	0.02	0.05	7.76	7.76	296.	0.	0.04	0.12
3247	30	7.73	7.73	355.	0.	0.03	0.10	7.76	7.76	336.	0.	0.03	0.08
3248	30	7.73	7.73	291.	0.	0.02	0.07	7.76	7.76	210.	0.	0.02	0.05
3249	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3250	30	7.73	7.73	0.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00

3251	30	7.73	7.73	205.	0.	0.02	0.07	7.76	7.76	0.	0.	0.00	0.00
3252	30	7.73	7.73	205.	0.	0.02	0.06	7.76	7.76	0.	0.	0.00	0.00
3253	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3254	30	7.73	7.73	0.	0.	0.01	0.04	7.76	7.76	0.	0.	0.00	0.00
3255	30	7.73	7.73	231.	0.	0.03	0.08	7.76	7.76	0.	0.	0.00	0.00
3256	30	7.73	7.73	219.	0.	0.02	0.06	7.76	7.76	0.	0.	0.00	0.00
3257	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	124.	0.	0.03	0.08
3258	30	7.73	7.73	91.	0.	0.02	0.05	7.76	7.76	295.	0.	0.04	0.12
3259	30	7.73	7.73	362.	0.	0.03	0.10	7.76	7.76	331.	0.	0.03	0.08
3260	30	7.73	7.73	299.	0.	0.02	0.07	7.76	7.76	206.	0.	0.02	0.05
3261	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	508.	0.	0.04	0.13
3262	30	7.73	7.73	32.	0.	0.01	0.03	7.76	7.76	496.	0.	0.04	0.13
3263	30	7.73	7.73	181.	0.	0.02	0.06	7.76	7.76	456.	0.	0.04	0.11
3264	30	7.73	7.73	197.	0.	0.02	0.06	7.76	7.76	320.	0.	0.03	0.08
3265	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	559.	0.	0.05	0.14
3266	30	7.73	7.73	0.	0.	0.00	0.01	7.76	7.76	451.	0.	0.04	0.11
3267	30	7.73	7.73	33.	0.	0.01	0.03	7.76	7.76	362.	0.	0.03	0.09
3268	30	7.73	7.73	82.	0.	0.01	0.04	7.76	7.76	271.	0.	0.02	0.07
3269	30	7.73	7.73	41.	0.	0.01	0.03	7.76	7.76	647.	0.	0.05	0.16
3270	30	7.73	7.73	52.	0.	0.01	0.03	7.76	7.76	524.	0.	0.04	0.13
3271	30	7.73	7.73	44.	0.	0.01	0.03	7.76	7.76	373.	0.	0.03	0.09
3272	30	7.73	7.73	53.	0.	0.01	0.03	7.76	7.76	242.	0.	0.02	0.06
3273	30	7.73	7.73	80.	0.	0.01	0.03	7.76	7.76	665.	0.	0.05	0.17
3274	30	7.73	7.73	202.	0.	0.02	0.07	7.76	7.76	586.	0.	0.05	0.15
3275	30	7.73	7.73	211.	0.	0.02	0.07	7.76	7.76	437.	0.	0.04	0.11
3276	30	7.73	7.73	164.	0.	0.02	0.05	7.76	7.76	301.	0.	0.02	0.07
3277	30	7.73	7.73	0.	0.	0.01	0.03	7.76	7.76	282.	0.	0.04	0.12
3278	30	7.73	7.73	322.	0.	0.03	0.09	7.76	7.76	416.	0.	0.04	0.11
3279	30	7.73	7.73	357.	0.	0.03	0.09	7.76	7.76	345.	0.	0.03	0.09
3280	30	7.73	7.73	244.	0.	0.02	0.06	7.76	7.76	263.	0.	0.02	0.07
3281	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3282	30	7.73	7.73	52.	0.	0.02	0.06	7.76	7.76	0.	0.	0.00	0.00
3283	30	7.73	7.73	259.	0.	0.03	0.09	7.76	7.76	0.	0.	0.00	0.01
3284	30	7.73	7.73	221.	0.	0.02	0.06	7.76	7.76	96.	0.	0.01	0.03
3293	30	7.73	7.73	1072.	0.	0.09	0.29	7.76	7.76	1272.	0.	0.11	0.34
3294	30	7.73	7.73	1253.	0.	0.11	0.34	7.76	7.76	1087.	0.	0.09	0.27
3295	30	7.73	7.73	1433.	0.	0.13	0.41	7.76	7.76	600.	0.	0.05	0.15
3296	30	7.73	7.73	1312.	0.	0.11	0.33	7.76	7.76	0.	0.	0.00	0.00
3297	30	7.73	7.73	857.	0.	0.08	0.26	7.76	7.76	1590.	0.	0.13	0.40
3298	30	7.73	7.73	995.	0.	0.09	0.29	7.76	7.76	1384.	0.	0.11	0.34
3299	30	7.73	7.73	963.	0.	0.09	0.29	7.76	7.76	984.	0.	0.08	0.25
3300	30	7.73	7.73	729.	0.	0.07	0.22	7.76	7.76	477.	0.	0.04	0.12
3301	30	7.73	7.73	626.	0.	0.06	0.20	7.76	7.76	1342.	0.	0.11	0.34
3302	30	7.73	7.73	704.	0.	0.07	0.21	7.76	7.76	1223.	0.	0.10	0.30
3303	30	7.73	7.73	577.	0.	0.06	0.17	7.76	7.76	1011.	0.	0.08	0.25
3304	30	7.73	7.73	289.	0.	0.03	0.09	7.76	7.76	745.	0.	0.06	0.19
3305	30	7.73	7.73	484.	0.	0.05	0.15	7.76	7.76	966.	0.	0.08	0.25
3306	30	7.73	7.73	555.	0.	0.05	0.16	7.76	7.76	939.	0.	0.08	0.24
3307	30	7.73	7.73	392.	0.	0.04	0.11	7.76	7.76	897.	0.	0.07	0.22
3308	30	7.73	7.73	0.	0.	0.01	0.02	7.76	7.76	759.	0.	0.06	0.19
3309	30	7.73	7.73	405.	0.	0.04	0.12	7.76	7.76	522.	0.	0.05	0.15
3310	30	7.73	7.73	541.	0.	0.05	0.14	7.76	7.76	533.	0.	0.05	0.15
3311	30	7.73	7.73	365.	0.	0.03	0.09	7.76	7.76	580.	0.	0.05	0.17
3312	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	316.	0.	0.03	0.10
3313	30	7.73	7.73	301.	0.	0.03	0.10	7.76	7.76	38.	0.	0.01	0.02
3314	30	7.73	7.73	450.	0.	0.04	0.13	7.76	7.76	0.	0.	0.00	0.00
3315	30	7.73	7.73	183.	0.	0.02	0.05	7.76	7.76	0.	0.	0.00	0.00
3316	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3317	30	7.73	7.73	165.	0.	0.02	0.05	7.76	7.76	0.	0.	0.00	0.00
3318	30	7.73	7.73	306.	0.	0.03	0.08	7.76	7.76	0.	0.	0.00	0.00
3319	30	7.73	7.73	146.	0.	0.01	0.04	7.76	7.76	0.	0.	0.00	0.00
3320	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3321	30	7.73	7.73	237.	0.	0.02	0.07	7.76	7.76	165.	0.	0.02	0.05
3322	30	7.73	7.73	339.	0.	0.03	0.10	7.76	7.76	239.	0.	0.03	0.08
3323	30	7.73	7.73	203.	0.	0.02	0.05	7.76	7.76	384.	0.	0.04	0.12
3324	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	194.	0.	0.03	0.08
3325	30	7.73	7.73	173.	0.	0.02	0.06	7.76	7.76	277.	0.	0.03	0.08
3326	30	7.73	7.73	165.	0.	0.02	0.06	7.76	7.76	367.	0.	0.04	0.11
3327	30	7.73	7.73	68.	0.	0.01	0.03	7.76	7.76	515.	0.	0.04	0.13
3328	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	490.	0.	0.04	0.12
3329	30	7.73	7.73	72.	0.	0.01	0.03	7.76	7.76	246.	0.	0.02	0.07
3330	30	7.73	7.73	19.	0.	0.01	0.02	7.76	7.76	324.	0.	0.03	0.09
3331	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	417.	0.	0.04	0.12
3332	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	499.	0.	0.04	0.13
3333	30	7.73	7.73	86.	0.	0.01	0.03	7.76	7.76	255.	0.	0.02	0.07
3334	30	7.73	7.73	26.	0.	0.01	0.02	7.76	7.76	333.	0.	0.03	0.10
3335	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	424.	0.	0.04	0.12
3336	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	504.	0.	0.04	0.13
3337	30	7.73	7.73	180.	0.	0.02	0.06	7.76	7.76	290.	0.	0.03	0.08
3338	30	7.73	7.73	168.	0.	0.02	0.06	7.76	7.76	381.	0.	0.04	0.12
3339	30	7.73	7.73	69.	0.	0.01	0.03	7.76	7.76	528.	0.	0.04	0.14
3340	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	501.	0.	0.04	0.13
3341	30	7.73	7.73	246.	0.	0.02	0.07	7.76	7.76	173.	0.	0.02	0.05
3342	30	7.73	7.73	340.	0.	0.03	0.10	7.76	7.76	248.	0.	0.03	0.08
3343	30	7.73	7.73	198.	0.	0.02	0.05	7.76	7.76	393.	0.	0.04	0.12
3344	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	196.	0.	0.03	0.08
3345	30	7.73	7.73	167.	0.	0.02	0.06	7.76	7.76	0.	0.	0.00	0.00
3346	30	7.73	7.73	292.	0.	0.02	0.07	7.76	7.76	0.	0.	0.00	0.00
3347	30	7.73	7.73	105.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
3348	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3349	30	7.73	7.73	182.	0.	0.02	0.06	7.76	7.76	0.	0.	0.00	0.00
3350	30	7.73	7.73	321.	0.	0.03	0.08	7.76	7.76	0.	0.	0.00	0.00
3351	30	7.73	7.73	133.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
3352	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3353	30	7.73	7.73	254.	0.	0.02	0.07	7.76	7.76	170.	0.	0.02	0.05

3354	30	7.73	7.73	347.	0.	0.03	0.10	7.76	7.76	244.	0.	0.03	0.08
3355	30	7.73	7.73	206.	0.	0.02	0.05	7.76	7.76	388.	0.	0.04	0.12
3356	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	197.	0.	0.03	0.08
3357	30	7.73	7.73	190.	0.	0.02	0.06	7.76	7.76	280.	0.	0.03	0.08
3358	30	7.73	7.73	179.	0.	0.02	0.06	7.76	7.76	368.	0.	0.04	0.11
3359	30	7.73	7.73	78.	0.	0.01	0.03	7.76	7.76	512.	0.	0.04	0.13
3360	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	495.	0.	0.04	0.13
3361	30	7.73	7.73	98.	0.	0.01	0.04	7.76	7.76	240.	0.	0.02	0.07
3362	30	7.73	7.73	40.	0.	0.01	0.03	7.76	7.76	311.	0.	0.03	0.09
3363	30	7.73	7.73	0.	0.	0.00	0.01	7.76	7.76	399.	0.	0.04	0.11
3364	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	492.	0.	0.05	0.14
3365	30	7.73	7.73	63.	0.	0.01	0.03	7.76	7.76	207.	0.	0.02	0.06
3366	30	7.73	7.73	25.	0.	0.01	0.03	7.76	7.76	286.	0.	0.03	0.09
3367	30	7.73	7.73	37.	0.	0.01	0.03	7.76	7.76	430.	0.	0.04	0.13
3368	30	7.73	7.73	30.	0.	0.01	0.03	7.76	7.76	576.	0.	0.05	0.16
3369	30	7.73	7.73	152.	0.	0.02	0.05	7.76	7.76	264.	0.	0.02	0.07
3370	30	7.73	7.73	179.	0.	0.02	0.07	7.76	7.76	344.	0.	0.04	0.11
3371	30	7.73	7.73	198.	0.	0.02	0.07	7.76	7.76	497.	0.	0.05	0.15
3372	30	7.73	7.73	110.	0.	0.01	0.03	7.76	7.76	632.	0.	0.05	0.17
3373	30	7.73	7.73	202.	0.	0.02	0.06	7.76	7.76	239.	0.	0.02	0.07
3374	30	7.73	7.73	315.	0.	0.03	0.09	7.76	7.76	285.	0.	0.03	0.09
3375	30	7.73	7.73	349.	0.	0.03	0.09	7.76	7.76	382.	0.	0.04	0.11
3376	30	7.73	7.73	96.	0.	0.01	0.02	7.76	7.76	417.	0.	0.04	0.12
3377	30	7.73	7.73	176.	0.	0.02	0.06	7.76	7.76	126.	0.	0.01	0.03
3378	30	7.73	7.73	334.	0.	0.03	0.09	7.76	7.76	43.	0.	0.00	0.01
3379	30	7.73	7.73	249.	0.	0.02	0.06	7.76	7.76	0.	0.	0.00	0.00
3380	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3399	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3400	30	7.73	7.73	53.	0.	0.02	0.06	7.76	7.76	0.	0.	0.00	0.00
3401	30	7.73	7.73	256.	0.	0.03	0.09	7.76	7.76	0.	0.	0.00	0.01
3402	30	7.73	7.73	220.	0.	0.02	0.06	7.76	7.76	96.	0.	0.01	0.03
3403	30	7.73	7.73	0.	0.	0.01	0.03	7.76	7.76	238.	0.	0.04	0.11
3404	30	7.73	7.73	324.	0.	0.03	0.09	7.76	7.76	398.	0.	0.04	0.11
3405	30	7.73	7.73	359.	0.	0.03	0.09	7.76	7.76	339.	0.	0.03	0.08
3406	30	7.73	7.73	245.	0.	0.02	0.06	7.76	7.76	261.	0.	0.02	0.07
3407	30	7.73	7.73	102.	0.	0.01	0.04	7.76	7.76	645.	0.	0.05	0.16
3408	30	7.73	7.73	217.	0.	0.02	0.07	7.76	7.76	578.	0.	0.05	0.14
3409	30	7.73	7.73	219.	0.	0.02	0.07	7.76	7.76	434.	0.	0.04	0.11
3410	30	7.73	7.73	167.	0.	0.02	0.05	7.76	7.76	301.	0.	0.02	0.08
3411	30	7.73	7.73	65.	0.	0.01	0.03	7.76	7.76	655.	0.	0.05	0.16
3412	30	7.73	7.73	68.	0.	0.01	0.04	7.76	7.76	528.	0.	0.04	0.13
3413	30	7.73	7.73	54.	0.	0.01	0.03	7.76	7.76	376.	0.	0.03	0.09
3414	30	7.73	7.73	58.	0.	0.01	0.03	7.76	7.76	246.	0.	0.02	0.06
3415	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	572.	0.	0.05	0.14
3416	30	7.73	7.73	0.	0.	0.00	0.01	7.76	7.76	450.	0.	0.04	0.11
3417	30	7.73	7.73	34.	0.	0.01	0.03	7.76	7.76	356.	0.	0.03	0.09
3418	30	7.73	7.73	80.	0.	0.01	0.04	7.76	7.76	267.	0.	0.02	0.07
3419	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	512.	0.	0.04	0.13
3420	30	7.73	7.73	30.	0.	0.01	0.03	7.76	7.76	490.	0.	0.04	0.13
3421	30	7.73	7.73	178.	0.	0.02	0.06	7.76	7.76	449.	0.	0.04	0.11
3422	30	7.73	7.73	193.	0.	0.02	0.06	7.76	7.76	314.	0.	0.03	0.08
3423	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	126.	0.	0.03	0.08
3424	30	7.73	7.73	57.	0.	0.02	0.05	7.76	7.76	289.	0.	0.04	0.11
3425	30	7.73	7.73	357.	0.	0.03	0.10	7.76	7.76	323.	0.	0.03	0.08
3426	30	7.73	7.73	294.	0.	0.02	0.07	7.76	7.76	198.	0.	0.02	0.05
3427	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3428	30	7.73	7.73	0.	0.	0.01	0.04	7.76	7.76	0.	0.	0.00	0.00
3429	30	7.73	7.73	224.	0.	0.03	0.08	7.76	7.76	0.	0.	0.00	0.00
3430	30	7.73	7.73	213.	0.	0.02	0.06	7.76	7.76	0.	0.	0.00	0.00
3431	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3432	30	7.73	7.73	114.	0.	0.01	0.04	7.76	7.76	0.	0.	0.00	0.00
3433	30	7.73	7.73	0.	0.	0.01	0.02	7.76	7.76	60.	0.	0.02	0.07
3434	30	7.73	7.73	284.	0.	0.02	0.07	7.76	7.76	155.	0.	0.02	0.06
3435	30	7.73	7.73	19.	0.	0.01	0.02	7.76	7.76	565.	0.	0.05	0.14
3436	30	7.73	7.73	177.	0.	0.02	0.06	7.76	7.76	509.	0.	0.04	0.13
3437	30	7.73	7.73	16.	0.	0.01	0.02	7.76	7.76	637.	0.	0.05	0.16
3438	30	7.73	7.73	84.	0.	0.01	0.04	7.76	7.76	572.	0.	0.05	0.14
3439	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	601.	0.	0.05	0.15
3440	30	7.73	7.73	3.	0.	0.01	0.02	7.76	7.76	515.	0.	0.04	0.13
3441	30	7.73	7.73	12.	0.	0.01	0.02	7.76	7.76	625.	0.	0.05	0.16
3442	30	7.73	7.73	80.	0.	0.01	0.04	7.76	7.76	568.	0.	0.05	0.14
3443	30	7.73	7.73	11.	0.	0.01	0.02	7.76	7.76	547.	0.	0.05	0.14
3444	30	7.73	7.73	172.	0.	0.02	0.06	7.76	7.76	508.	0.	0.04	0.13
3445	30	7.73	7.73	0.	0.	0.01	0.02	7.76	7.76	57.	0.	0.02	0.07
3446	30	7.73	7.73	281.	0.	0.02	0.07	7.76	7.76	159.	0.	0.02	0.06
3447	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3448	30	7.73	7.73	111.	0.	0.01	0.04	7.76	7.76	0.	0.	0.00	0.00
3449	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3450	30	7.73	7.73	0.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
3451	30	7.73	7.73	192.	0.	0.02	0.07	7.76	7.76	0.	0.	0.00	0.00
3452	30	7.73	7.73	194.	0.	0.02	0.05	7.76	7.76	0.	0.	0.00	0.00
3453	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	104.	0.	0.02	0.07
3454	30	7.73	7.73	44.	0.	0.01	0.04	7.76	7.76	260.	0.	0.04	0.11
3455	30	7.73	7.73	330.	0.	0.03	0.09	7.76	7.76	295.	0.	0.02	0.07
3456	30	7.73	7.73	267.	0.	0.02	0.07	7.76	7.76	160.	0.	0.01	0.04
3457	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	492.	0.	0.04	0.12
3458	30	7.73	7.73	9.	0.	0.01	0.02	7.76	7.76	477.	0.	0.04	0.13
3459	30	7.73	7.73	137.	0.	0.02	0.05	7.76	7.76	431.	0.	0.04	0.11
3460	30	7.73	7.73	150.	0.	0.02	0.05	7.76	7.76	276.	0.	0.02	0.07
3461	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	573.	0.	0.05	0.14
3462	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	507.	0.	0.04	0.13
3463	30	7.73	7.73	0.	0.	0.00	0.01	7.76	7.76	383.	0.	0.03	0.10
3464	30	7.73	7.73	17.	0.	0.01	0.02	7.76	7.76	254.	0.	0.02	0.06
3465	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	698.	0.	0.06	0.17
3466	30	7.73	7.73	0.	0.	0.00	0.01	7.76	7.76	664.	0.	0.06	0.17

3467	30	7.73	7.73	44.	0.	0.01	0.03	7.76	7.76	587.	0.	0.05	0.15
3468	30	7.73	7.73	114.	0.	0.02	0.05	7.76	7.76	479.	0.	0.04	0.12
3469	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	881.	0.	0.07	0.22
3470	30	7.73	7.73	36.	0.	0.01	0.04	7.76	7.76	927.	0.	0.09	0.26
3471	30	7.73	7.73	229.	0.	0.03	0.09	7.76	7.76	940.	0.	0.08	0.23
3472	30	7.73	7.73	265.	0.	0.03	0.09	7.76	7.76	780.	0.	0.06	0.20
3473	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	798.	0.	0.08	0.23
3474	30	7.73	7.73	64.	0.	0.02	0.06	7.76	7.76	1027.	0.	0.10	0.31
3475	30	7.73	7.73	497.	0.	0.05	0.16	7.76	7.76	1171.	0.	0.10	0.29
3476	30	7.73	7.73	427.	0.	0.04	0.11	7.76	7.76	970.	0.	0.08	0.24
3477	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.03	0.09
3478	30	7.73	7.73	0.	0.	0.03	0.11	7.76	7.76	263.	0.	0.07	0.20
3479	30	7.73	7.73	723.	0.	0.07	0.21	7.76	7.76	835.	0.	0.07	0.21
3480	30	7.73	7.73	560.	0.	0.05	0.14	7.76	7.76	706.	0.	0.06	0.18
3481	30	7.73	7.73	157.	0.	0.02	0.05	7.76	7.76	0.	0.	0.00	0.00
3482	30	7.73	7.73	276.	0.	0.02	0.07	7.76	7.76	0.	0.	0.00	0.00
3483	30	7.73	7.73	87.	0.	0.01	0.02	7.76	7.76	0.	0.	0.00	0.00
3484	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3485	30	7.73	7.73	226.	0.	0.02	0.07	7.76	7.76	120.	0.	0.01	0.04
3486	30	7.73	7.73	314.	0.	0.03	0.09	7.76	7.76	202.	0.	0.02	0.07
3487	30	7.73	7.73	177.	0.	0.01	0.04	7.76	7.76	354.	0.	0.04	0.11
3488	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	172.	0.	0.02	0.07
3489	30	7.73	7.73	146.	0.	0.02	0.05	7.76	7.76	230.	0.	0.02	0.07
3490	30	7.73	7.73	131.	0.	0.02	0.05	7.76	7.76	330.	0.	0.04	0.11
3491	30	7.73	7.73	42.	0.	0.01	0.02	7.76	7.76	492.	0.	0.04	0.13
3492	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	483.	0.	0.04	0.12
3493	30	7.73	7.73	28.	0.	0.01	0.02	7.76	7.76	220.	0.	0.02	0.06
3494	30	7.73	7.73	0.	0.	0.00	0.01	7.76	7.76	302.	0.	0.03	0.10
3495	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	437.	0.	0.04	0.13
3496	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	542.	0.	0.05	0.14
3497	30	7.73	7.73	140.	0.	0.02	0.05	7.76	7.76	442.	0.	0.04	0.12
3498	30	7.73	7.73	51.	0.	0.01	0.03	7.76	7.76	526.	0.	0.05	0.15
3499	30	7.73	7.73	0.	0.	0.00	0.01	7.76	7.76	625.	0.	0.06	0.17
3500	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	687.	0.	0.06	0.17
3501	30	7.73	7.73	267.	0.	0.03	0.09	7.76	7.76	728.	0.	0.06	0.20
3502	30	7.73	7.73	234.	0.	0.03	0.09	7.76	7.76	842.	0.	0.08	0.23
3503	30	7.73	7.73	99.	0.	0.01	0.04	7.76	7.76	997.	0.	0.09	0.26
3504	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	902.	0.	0.07	0.22
3505	30	7.73	7.73	369.	0.	0.04	0.11	7.76	7.76	910.	0.	0.08	0.24
3506	30	7.73	7.73	490.	0.	0.05	0.16	7.76	7.76	1037.	0.	0.10	0.29
3507	30	7.73	7.73	259.	0.	0.02	0.06	7.76	7.76	1258.	0.	0.10	0.31
3508	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	906.	0.	0.08	0.23
3509	30	7.73	7.73	404.	0.	0.05	0.14	7.76	7.76	634.	0.	0.06	0.18
3510	30	7.73	7.73	750.	0.	0.07	0.21	7.76	7.76	764.	0.	0.07	0.21
3511	30	7.73	7.73	423.	0.	0.03	0.11	7.76	7.76	811.	0.	0.07	0.20
3512	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.03	0.09
3513	30	7.73	7.73	175.	0.	0.02	0.06	7.76	7.76	125.	0.	0.01	0.03
3514	30	7.73	7.73	333.	0.	0.03	0.09	7.76	7.76	39.	0.	0.00	0.01
3515	30	7.73	7.73	245.	0.	0.02	0.06	7.76	7.76	0.	0.	0.00	0.00
3516	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3517	30	7.73	7.73	203.	0.	0.02	0.06	7.76	7.76	238.	0.	0.02	0.07
3518	30	7.73	7.73	317.	0.	0.03	0.09	7.76	7.76	282.	0.	0.03	0.08
3519	30	7.73	7.73	352.	0.	0.03	0.09	7.76	7.76	372.	0.	0.04	0.11
3520	30	7.73	7.73	96.	0.	0.01	0.02	7.76	7.76	393.	0.	0.04	0.11
3521	30	7.73	7.73	154.	0.	0.02	0.05	7.76	7.76	265.	0.	0.02	0.08
3522	30	7.73	7.73	185.	0.	0.02	0.07	7.76	7.76	343.	0.	0.04	0.11
3523	30	7.73	7.73	210.	0.	0.02	0.07	7.76	7.76	492.	0.	0.05	0.14
3524	30	7.73	7.73	130.	0.	0.01	0.04	7.76	7.76	621.	0.	0.05	0.16
3525	30	7.73	7.73	67.	0.	0.01	0.03	7.76	7.76	210.	0.	0.02	0.06
3526	30	7.73	7.73	30.	0.	0.01	0.03	7.76	7.76	289.	0.	0.03	0.09
3527	30	7.73	7.73	46.	0.	0.01	0.04	7.76	7.76	434.	0.	0.04	0.13
3528	30	7.73	7.73	41.	0.	0.01	0.03	7.76	7.76	585.	0.	0.05	0.16
3529	30	7.73	7.73	95.	0.	0.01	0.04	7.76	7.76	236.	0.	0.02	0.07
3530	30	7.73	7.73	36.	0.	0.01	0.03	7.76	7.76	306.	0.	0.03	0.09
3531	30	7.73	7.73	0.	0.	0.00	0.01	7.76	7.76	393.	0.	0.04	0.11
3532	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	493.	0.	0.05	0.14
3533	30	7.73	7.73	186.	0.	0.02	0.06	7.76	7.76	274.	0.	0.03	0.08
3534	30	7.73	7.73	175.	0.	0.02	0.06	7.76	7.76	361.	0.	0.04	0.11
3535	30	7.73	7.73	74.	0.	0.01	0.03	7.76	7.76	504.	0.	0.04	0.13
3536	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	491.	0.	0.04	0.13
3537	30	7.73	7.73	251.	0.	0.02	0.07	7.76	7.76	162.	0.	0.02	0.05
3538	30	7.73	7.73	342.	0.	0.03	0.10	7.76	7.76	236.	0.	0.03	0.08
3539	30	7.73	7.73	198.	0.	0.02	0.05	7.76	7.76	380.	0.	0.04	0.11
3540	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	194.	0.	0.03	0.08
3541	30	7.73	7.73	177.	0.	0.02	0.06	7.76	7.76	0.	0.	0.00	0.00
3542	30	7.73	7.73	313.	0.	0.03	0.08	7.76	7.76	0.	0.	0.00	0.00
3543	30	7.73	7.73	124.	0.	0.01	0.03	7.76	7.76	0.	0.	0.00	0.00
3544	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3545	30	7.73	7.73	179.	0.	0.01	0.04	7.76	7.76	0.	0.	0.00	0.00
3546	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3547	30	7.73	7.73	282.	0.	0.02	0.07	7.76	7.76	136.	0.	0.02	0.06
3548	30	7.73	7.73	88.	0.	0.01	0.02	7.76	7.76	176.	0.	0.02	0.07
3549	30	7.73	7.73	199.	0.	0.02	0.06	7.76	7.76	482.	0.	0.04	0.13
3550	30	7.73	7.73	65.	0.	0.01	0.02	7.76	7.76	545.	0.	0.05	0.14
3551	30	7.73	7.73	113.	0.	0.01	0.04	7.76	7.76	546.	0.	0.05	0.14
3552	30	7.73	7.73	24.	0.	0.01	0.02	7.76	7.76	604.	0.	0.05	0.16
3553	30	7.73	7.73	27.	0.	0.01	0.02	7.76	7.76	488.	0.	0.04	0.13
3554	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	548.	0.	0.05	0.15
3555	30	7.73	7.73	110.	0.	0.01	0.04	7.76	7.76	543.	0.	0.05	0.14
3556	30	7.73	7.73	17.	0.	0.01	0.02	7.76	7.76	600.	0.	0.05	0.16
3557	30	7.73	7.73	197.	0.	0.02	0.06	7.76	7.76	481.	0.	0.04	0.13
3558	30	7.73	7.73	54.	0.	0.01	0.02	7.76	7.76	543.	0.	0.05	0.14
3559	30	7.73	7.73	282.	0.	0.02	0.07	7.76	7.76	140.	0.	0.02	0.06
3560	30	7.73	7.73	81.	0.	0.01	0.02	7.76	7.76	181.	0.	0.02	0.07
3561	30	7.73	7.73	179.	0.	0.01	0.04	7.76	7.76	0.	0.	0.00	0.00

3562	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3563	30	7.73	7.73	747.	0.	0.08	0.24	7.76	7.76	0.	0.	0.00	0.00
3564	30	7.73	7.73	819.	0.	0.08	0.24	7.76	7.76	0.	0.	0.00	0.00
3565	30	7.73	7.73	360.	0.	0.04	0.13	7.76	7.76	101.	0.	0.03	0.08
3566	30	7.73	7.73	443.	0.	0.04	0.13	7.76	7.76	224.	0.	0.02	0.07
3567	30	7.73	7.73	49.	0.	0.01	0.04	7.76	7.76	612.	0.	0.06	0.18
3568	30	7.73	7.73	97.	0.	0.01	0.04	7.76	7.76	687.	0.	0.06	0.18
3569	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	743.	0.	0.07	0.20
3570	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	797.	0.	0.07	0.20
3571	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	243.	0.	0.05	0.14
3572	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	348.	0.	0.05	0.14
3573	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3574	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3575	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3576	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3577	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	212.	0.	0.04	0.12
3578	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	296.	0.	0.04	0.13
3579	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	719.	0.	0.06	0.19
3580	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	755.	0.	0.06	0.19
3581	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	769.	0.	0.06	0.19
3582	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	755.	0.	0.06	0.19
3583	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	775.	0.	0.06	0.19
3584	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	763.	0.	0.06	0.19
3585	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	727.	0.	0.06	0.19
3586	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	765.	0.	0.06	0.19
3587	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	184.	0.	0.04	0.12
3588	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	230.	0.	0.04	0.12
3589	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3590	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3591	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3592	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3593	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	190.	0.	0.04	0.12
3594	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	280.	0.	0.04	0.12
3595	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	647.	0.	0.06	0.17
3596	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	675.	0.	0.06	0.17
3597	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	574.	0.	0.05	0.15
3598	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	643.	0.	0.05	0.16
3599	30	7.73	7.73	57.	0.	0.01	0.04	7.76	7.76	418.	0.	0.04	0.12
3600	30	7.73	7.73	102.	0.	0.01	0.04	7.76	7.76	484.	0.	0.04	0.12
3601	30	7.73	7.73	228.	0.	0.03	0.09	7.76	7.76	252.	0.	0.03	0.08
3602	30	7.73	7.73	285.	0.	0.03	0.09	7.76	7.76	339.	0.	0.03	0.08
3603	30	7.73	7.73	432.	0.	0.05	0.14	7.76	7.76	57.	0.	0.01	0.03
3604	30	7.73	7.73	492.	0.	0.05	0.14	7.76	7.76	152.	0.	0.01	0.04
3605	30	7.73	7.73	589.	0.	0.06	0.17	7.76	7.76	0.	0.	0.00	0.00
3606	30	7.73	7.73	590.	0.	0.06	0.17	7.76	7.76	0.	0.	0.00	0.00
3607	30	7.73	7.73	591.	0.	0.06	0.17	7.76	7.76	0.	0.	0.00	0.00
3608	30	7.73	7.73	589.	0.	0.06	0.17	7.76	7.76	0.	0.	0.00	0.00
3609	30	7.73	7.73	457.	0.	0.05	0.14	7.76	7.76	0.	0.	0.01	0.02
3610	30	7.73	7.73	518.	0.	0.05	0.14	7.76	7.76	71.	0.	0.01	0.02
3611	30	7.73	7.73	290.	0.	0.03	0.10	7.76	7.76	128.	0.	0.02	0.05
3612	30	7.73	7.73	345.	0.	0.03	0.10	7.76	7.76	215.	0.	0.02	0.05
3613	30	7.73	7.73	164.	0.	0.02	0.06	7.76	7.76	204.	0.	0.02	0.06
3614	30	7.73	7.73	194.	0.	0.02	0.06	7.76	7.76	258.	0.	0.02	0.06
3615	30	7.73	7.73	115.	0.	0.01	0.04	7.76	7.76	220.	0.	0.02	0.06
3616	30	7.73	7.73	116.	0.	0.01	0.04	7.76	7.76	235.	0.	0.02	0.06
3617	30	7.73	7.73	156.	0.	0.02	0.06	7.76	7.76	197.	0.	0.02	0.06
3618	30	7.73	7.73	185.	0.	0.02	0.06	7.76	7.76	249.	0.	0.02	0.06
3619	30	7.73	7.73	275.	0.	0.03	0.10	7.76	7.76	120.	0.	0.02	0.05
3620	30	7.73	7.73	328.	0.	0.03	0.10	7.76	7.76	204.	0.	0.02	0.05
3621	30	7.73	7.73	435.	0.	0.04	0.14	7.76	7.76	0.	0.	0.01	0.02
3622	30	7.73	7.73	493.	0.	0.04	0.14	7.76	7.76	64.	0.	0.01	0.02
3623	30	7.73	7.73	568.	0.	0.05	0.17	7.76	7.76	0.	0.	0.00	0.00
3624	30	7.73	7.73	567.	0.	0.05	0.17	7.76	7.76	0.	0.	0.00	0.00
3625	30	7.73	7.73	567.	0.	0.05	0.16	7.76	7.76	0.	0.	0.00	0.00
3626	30	7.73	7.73	570.	0.	0.05	0.16	7.76	7.76	0.	0.	0.00	0.00
3627	30	7.73	7.73	422.	0.	0.05	0.14	7.76	7.76	68.	0.	0.01	0.03
3628	30	7.73	7.73	475.	0.	0.05	0.14	7.76	7.76	152.	0.	0.01	0.04
3629	30	7.73	7.73	243.	0.	0.03	0.09	7.76	7.76	238.	0.	0.02	0.08
3630	30	7.73	7.73	293.	0.	0.03	0.09	7.76	7.76	316.	0.	0.03	0.08
3631	30	7.73	7.73	92.	0.	0.01	0.04	7.76	7.76	412.	0.	0.04	0.12
3632	30	7.73	7.73	121.	0.	0.01	0.04	7.76	7.76	456.	0.	0.04	0.11
3633	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	568.	0.	0.05	0.16
3634	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	631.	0.	0.05	0.16
3635	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	645.	0.	0.06	0.17
3636	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	675.	0.	0.06	0.17
3637	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	186.	0.	0.04	0.12
3638	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	234.	0.	0.04	0.12
3639	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3640	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3641	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3642	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3643	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	192.	0.	0.04	0.12
3644	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	236.	0.	0.04	0.12
3645	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	721.	0.	0.06	0.19
3646	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	731.	0.	0.06	0.19
3647	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	764.	0.	0.06	0.19
3648	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	753.	0.	0.06	0.19
3649	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	762.	0.	0.06	0.19
3650	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	749.	0.	0.06	0.19
3651	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	712.	0.	0.06	0.18
3652	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	744.	0.	0.06	0.19
3653	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	188.	0.	0.04	0.12
3654	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	232.	0.	0.04	0.12
3655	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3656	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00

3657	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3658	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.00	0.00
3659	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.02	0.05
3660	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	0.	0.	0.01	0.05
3661	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	337.	0.	0.03	0.09
3662	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	342.	0.	0.03	0.09
3663	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	214.	0.	0.02	0.06
3664	30	7.73	7.73	0.	0.	0.00	0.00	7.76	7.76	215.	0.	0.02	0.06

********** TAGLIO PERPENDICOLARE

GUSCI	τx	τy	τt	GUSCI	τx	τy	τt	GUSCI	τx	τy	τt
2502	0.3	0.3	0.3	2503	0.1	0.1	0.1	2504	0.0	0.0	0.0
2505	0.1	0.1	0.1	2506	0.4	0.2	0.3	2507	1.7	1.4	1.5
2510	0.3	0.4	0.4	2511	0.1	0.1	0.1	2512	0.0	0.1	0.1
2513	0.1	0.0	0.1	2514	0.2	0.1	0.2	2515	0.3	0.3	0.3
2518	0.1	0.5	0.5	2519	0.1	0.2	0.2	2520	0.0	0.1	0.1
2521	0.0	0.0	0.0	2522	0.0	0.0	0.1	2523	0.1	0.1	0.1
2526	0.1	0.5	0.5	2527	0.1	0.2	0.2	2528	0.0	0.1	0.1
2529	0.0	0.0	0.0	2530	0.0	0.0	0.0	2531	0.1	0.1	0.1
2534	0.2	0.4	0.4	2535	0.1	0.2	0.2	2536	0.0	0.1	0.1
2537	0.1	0.0	0.0	2538	0.1	0.1	0.1	2539	0.3	0.3	0.3
2542	0.3	0.3	0.3	2543	0.1	0.2	0.1	2544	0.0	0.1	0.1
2545	0.1	0.1	0.1	2546	0.3	0.4	0.4	2547	1.1	1.0	1.1
2558	0.3	0.3	0.3	2559	0.1	0.2	0.1	2560	0.0	0.1	0.1
2561	0.1	0.1	0.1	2562	0.3	0.4	0.4	2563	1.1	0.9	1.1
2566	0.2	0.4	0.4	2567	0.1	0.2	0.2	2568	0.0	0.1	0.1
2569	0.1	0.0	0.0	2570	0.1	0.1	0.1	2571	0.3	0.3	0.3
2574	0.1	0.5	0.5	2575	0.1	0.2	0.2	2576	0.0	0.1	0.1
2577	0.0	0.0	0.0	2578	0.0	0.0	0.0	2579	0.1	0.1	0.1
2582	0.1	0.5	0.5	2583	0.1	0.2	0.2	2584	0.0	0.1	0.1
2585	0.0	0.0	0.0	2586	0.1	0.0	0.1	2587	0.1	0.1	0.1
2590	0.3	0.4	0.4	2591	0.1	0.1	0.1	2592	0.0	0.1	0.1
2593	0.1	0.0	0.1	2594	0.2	0.1	0.2	2595	0.3	0.3	0.4
2598	0.4	0.3	0.3	2599	0.1	0.1	0.1	2600	0.0	0.0	0.0
2601	0.1	0.1	0.1	2602	0.3	0.3	0.3	2603	1.6	1.4	1.5
2604	1.7	1.4	1.5	2605	0.4	0.2	0.3	2606	0.1	0.1	0.1
2607	0.0	0.0	0.0	2608	0.0	0.0	0.0	2609	0.1	0.1	0.1
2610	0.4	0.2	0.3	2611	1.7	1.4	1.5	2612	0.3	0.2	0.3
2613	0.2	0.1	0.2	2614	0.1	0.0	0.1	2615	0.0	0.0	0.0
2616	0.0	0.0	0.0	2617	0.1	0.0	0.1	2618	0.1	0.1	0.1
2619	0.3	0.3	0.3	2620	0.1	0.1	0.1	2621	0.0	0.0	0.0
2622	0.0	0.0	0.0	2623	0.0	0.0	0.0	2624	0.0	0.0	0.0
2625	0.0	0.0	0.0	2626	0.0	0.0	0.0	2627	0.1	0.1	0.1
2628	0.1	0.1	0.1	2629	0.0	0.0	0.0	2630	0.0	0.0	0.0
2631	0.0	0.0	0.0	2632	0.0	0.0	0.0	2633	0.0	0.0	0.0
2634	0.0	0.0	0.0	2635	0.1	0.1	0.1	2636	0.3	0.3	0.3
2637	0.1	0.1	0.1	2638	0.0	0.0	0.0	2639	0.0	0.0	0.0
2640	0.0	0.0	0.0	2641	0.0	0.0	0.0	2642	0.1	0.1	0.1
2643	0.3	0.3	0.3	2644	1.0	1.0	1.0	2645	0.3	0.3	0.4
2646	0.1	0.1	0.1	2647	0.0	0.0	0.0	2648	0.0	0.0	0.0
2649	0.1	0.1	0.1	2650	0.3	0.4	0.4	2651	1.1	1.0	1.1
2660	1.0	0.9	1.0	2661	0.3	0.3	0.4	2662	0.1	0.1	0.1
2663	0.0	0.0	0.0	2664	0.0	0.0	0.0	2665	0.1	0.1	0.1
2666	0.3	0.4	0.4	2667	1.1	1.0	1.1	2668	0.3	0.2	0.3
2669	0.1	0.1	0.1	2670	0.0	0.0	0.0	2671	0.0	0.0	0.0
2672	0.0	0.0	0.0	2673	0.0	0.0	0.0	2674	0.1	0.1	0.1
2675	0.3	0.3	0.3	2676	0.1	0.1	0.1	2677	0.0	0.0	0.0
2678	0.0	0.0	0.0	2679	0.0	0.0	0.0	2680	0.0	0.0	0.0
2681	0.0	0.0	0.0	2682	0.0	0.0	0.0	2683	0.1	0.1	0.1
2684	0.1	0.1	0.1	2685	0.1	0.0	0.1	2686	0.0	0.0	0.0
2687	0.0	0.0	0.0	2688	0.0	0.0	0.0	2689	0.0	0.0	0.0
2690	0.1	0.0	0.0	2691	0.1	0.1	0.1	2692	0.3	0.3	0.3
2693	0.2	0.1	0.2	2694	0.1	0.0	0.1	2695	0.0	0.0	0.0
2696	0.0	0.0	0.0	2697	0.1	0.0	0.1	2698	0.2	0.1	0.2
2699	0.3	0.3	0.4	2700	1.6	1.4	1.5	2701	0.3	0.2	0.3
2702	0.1	0.1	0.1	2703	0.0	0.0	0.0	2704	0.0	0.0	0.0
2705	0.1	0.1	0.1	2706	0.3	0.2	0.3	2707	1.6	1.4	1.5
2708	1.7	1.4	1.5	2709	0.4	0.2	0.3	2710	0.1	0.1	0.1
2711	0.0	0.0	0.0	2712	0.0	0.0	0.0	2713	0.1	0.1	0.1
2714	0.1	0.2	0.2	2715	1.0	1.0	1.0	2716	0.3	0.3	0.3
2717	0.2	0.1	0.2	2718	0.1	0.0	0.1	2719	0.0	0.0	0.0
2720	0.0	0.0	0.0	2721	0.0	0.1	0.1	2722	0.1	0.2	0.2
2723	0.1	0.5	0.5	2724	0.1	0.1	0.1	2725	0.1	0.0	0.1
2726	0.0	0.0	0.0	2727	0.0	0.0	0.0	2728	0.0	0.0	0.0
2729	0.1	0.1	0.1	2730	0.3	0.4	0.4	2731	1.5	1.6	1.5
2732	0.1	0.1	0.1	2733	0.0	0.0	0.0	2734	0.0	0.0	0.0
2735	0.0	0.0	0.0	2736	0.0	0.0	0.0	2737	0.1	0.1	0.1
2738	0.4	0.2	0.3	2739	1.7	1.5	1.6	2740	0.3	0.3	0.3
2741	0.1	0.1	0.1	2742	0.1	0.0	0.0	2743	0.0	0.0	0.0
2744	0.0	0.0	0.0	2745	0.1	0.0	0.0	2746	0.1	0.1	0.1
2747	0.3	0.3	0.3	2748	1.0	1.0	1.1	2749	0.3	0.3	0.4
2750	0.1	0.1	0.1	2751	0.0	0.0	0.0	2752	0.0	0.0	0.0
2753	0.0	0.0	0.0	2754	0.0	0.0	0.0	2755	0.1	0.1	0.1
2764	1.0	0.9	1.0	2765	0.3	0.3	0.4	2766	0.1	0.1	0.1
2767	0.0	0.0	0.0	2768	0.0	0.0	0.0	2769	0.0	0.0	0.0
2770	0.0	0.1	0.0	2771	0.1	0.1	0.1	2772	0.3	0.3	0.3
2773	0.1	0.1	0.1	2774	0.1	0.0	0.0	2775	0.0	0.0	0.0
2776	0.0	0.0	0.0	2777	0.1	0.0	0.1	2778	0.1	0.1	0.2
2779	0.3	0.3	0.4	2780	0.1	0.1	0.1	2781	0.0	0.0	0.0
2782	0.0	0.0	0.0	2783	0.0	0.0	0.0	2784	0.0	0.0	0.0
2785	0.1	0.1	0.1	2786	0.3	0.3	0.3	2787	1.7	1.6	1.6
2788	0.1	0.1	0.1	2789	0.1	0.0	0.1	2790	0.0	0.0	0.0
2791	0.0	0.0	0.0	2792	0.0	0.0	0.0	2793	0.1	0.1	0.1
2794	0.3	0.4	0.4	2795	1.6	1.6	1.6	2796	0.3	0.3	0.3

2797	0.2	0.1	0.2	2798	0.1	0.0	0.1	2799	0.0	0.0	0.0
2800	0.0	0.0	0.0	2801	0.0	0.1	0.1	2802	0.1	0.2	0.2
2803	0.1	0.5	0.5	2804	1.6	1.4	1.5	2805	0.3	0.3	0.3
2806	0.1	0.1	0.1	2807	0.0	0.0	0.0	2808	0.0	0.0	0.0
2809	0.1	0.1	0.1	2810	0.1	0.2	0.2	2811	1.0	1.0	1.0
2812	1.1	1.0	1.0	2813	0.2	0.3	0.3	2814	0.1	0.2	0.1
2815	0.0	0.0	0.0	2816	0.0	0.0	0.0	2817	0.0	0.0	0.0
2818	0.1	0.1	0.1	2819	0.2	0.3	0.3	2820	1.1	1.1	1.1
2821	0.3	0.6	0.5	2822	0.1	0.3	0.3	2823	0.1	0.1	0.1
2824	0.0	0.0	0.0	2825	0.0	0.0	0.0	2826	0.0	0.0	0.0
2827	0.0	0.1	0.1	2828	0.1	0.2	0.2	2829	0.2	0.5	0.5
2830	1.6	1.7	1.6	2831	0.3	0.5	0.5	2832	0.1	0.2	0.2
2833	0.1	0.1	0.1	2834	0.0	0.0	0.0	2835	0.0	0.0	0.0
2836	0.1	0.2	0.2	2837	0.3	0.4	0.5	2838	1.5	1.6	1.6
2839	1.7	1.6	1.6	2840	0.4	0.3	0.5	2841	0.1	0.1	0.2
2842	0.0	0.0	0.0	2843	0.0	0.0	0.0	2844	0.0	0.0	0.0
2845	0.1	0.1	0.1	2846	0.4	0.3	0.4	2847	1.6	1.6	1.6
2848	0.3	0.3	0.3	2849	0.1	0.2	0.2	2850	0.1	0.1	0.1
2851	0.0	0.0	0.0	2852	0.0	0.0	0.0	2853	0.0	0.0	0.0
2854	0.1	0.0	0.1	2855	0.1	0.1	0.1	2856	0.3	0.3	0.3
2857	0.1	0.1	0.1	2858	0.0	0.1	0.0	2859	0.0	0.0	0.0
2860	0.0	0.0	0.0	2861	0.0	0.0	0.0	2862	0.0	0.0	0.0
2863	0.0	0.0	0.0	2864	0.0	0.0	0.0	2865	0.1	0.1	0.1
2875	0.1	0.1	0.1	2876	0.0	0.1	0.0	2877	0.0	0.0	0.0
2878	0.0	0.0	0.0	2879	0.0	0.0	0.0	2880	0.0	0.0	0.0
2881	0.0	0.0	0.0	2882	0.0	0.1	0.0	2883	0.1	0.1	0.1
2884	0.4	0.3	0.4	2885	0.2	0.2	0.2	2886	0.1	0.1	0.1
2887	0.0	0.0	0.0	2888	0.0	0.0	0.0	2889	0.0	0.0	0.0
2890	0.1	0.0	0.1	2891	0.1	0.2	0.2	2892	0.3	0.3	0.3
2893	1.7	1.7	1.6	2894	0.4	0.4	0.5	2895	0.1	0.1	0.2
2896	0.0	0.0	0.0	2897	0.0	0.0	0.0	2898	0.0	0.0	0.0
2899	0.1	0.1	0.1	2900	0.4	0.3	0.4	2901	1.6	1.6	1.6
2902	1.6	1.7	1.6	2903	0.4	0.4	0.5	2904	0.1	0.2	0.2
2905	0.1	0.1	0.1	2906	0.0	0.0	0.0	2907	0.0	0.0	0.0
2908	0.1	0.2	0.2	2909	0.4	0.4	0.5	2910	1.5	1.6	1.6
2911	0.2	0.5	0.5	2912	0.1	0.3	0.3	2913	0.0	0.1	0.1
2914	0.0	0.0	0.0	2915	0.0	0.0	0.0	2916	0.0	0.0	0.0
2917	0.0	0.1	0.1	2918	0.1	0.2	0.2	2919	0.2	0.5	0.5
2920	1.1	1.0	1.0	2921	0.2	0.3	0.3	2922	0.1	0.2	0.1
2923	0.0	0.0	0.0	2924	0.0	0.0	0.0	2925	0.0	0.0	0.0
2926	0.1	0.1	0.1	2927	0.2	0.3	0.3	2928	1.1	1.1	1.1
2929	1.0	1.0	1.0	2930	0.1	0.2	0.2	2931	0.1	0.1	0.1
2932	0.0	0.0	0.0	2933	0.0	0.0	0.0	2934	0.1	0.1	0.1
2935	0.4	0.2	0.3	2936	1.7	1.4	1.5	2937	0.1	0.4	0.4
2938	0.1	0.2	0.2	2939	0.1	0.1	0.1	2940	0.1	0.0	0.0
2941	0.0	0.0	0.0	2942	0.1	0.0	0.1	2943	0.1	0.1	0.2
2944	0.3	0.3	0.3	2945	1.4	1.6	1.4	2946	0.4	0.3	0.3
2947	0.4	0.4	0.4	2948	0.1	0.1	0.1	2949	0.0	0.0	0.0
2950	0.0	0.0	0.0	2951	0.0	0.0	0.0	2952	0.1	0.1	0.1
2953	1.7	1.5	1.6	2954	0.5	0.3	0.4	2955	0.5	0.4	0.4
2956	0.1	0.1	0.1	2957	0.0	0.0	0.0	2958	0.0	0.0	0.0
2959	0.0	0.0	0.0	2960	0.1	0.1	0.1	2961	0.2	0.3	0.3
2962	0.1	0.1	0.1	2963	0.1	0.1	0.1	2964	0.0	0.0	0.0
2965	0.0	0.0	0.0	2966	0.1	0.0	0.0	2967	0.1	0.1	0.1
2968	0.3	0.3	0.3	2969	0.1	0.1	0.1	2970	0.0	0.0	0.0
2971	0.0	0.0	0.0	2972	0.0	0.0	0.0	2973	0.0	0.0	0.0
2974	0.1	0.1	0.1	2975	0.3	0.3	0.4	2976	1.0	1.0	1.1
2985	0.1	0.1	0.1	2986	0.0	0.0	0.0	2987	0.0	0.0	0.0
2988	0.0	0.0	0.0	2989	0.0	0.0	0.0	2990	0.1	0.1	0.1
2991	0.3	0.3	0.3	2992	1.0	0.9	1.0	2993	0.3	0.3	0.3
2994	0.1	0.1	0.1	2995	0.1	0.1	0.1	2996	0.0	0.0	0.0
2997	0.0	0.0	0.0	2998	0.1	0.0	0.0	2999	0.1	0.1	0.1
3000	0.3	0.3	0.3	3001	1.6	1.5	1.5	3002	0.5	0.3	0.4
3003	0.5	0.4	0.4	3004	0.1	0.1	0.1	3005	0.0	0.0	0.0
3006	0.0	0.0	0.0	3007	0.0	0.0	0.0	3008	0.1	0.1	0.1
3009	1.5	1.6	1.5	3010	0.4	0.3	0.3	3011	0.4	0.4	0.4
3012	0.1	0.1	0.1	3013	0.0	0.0	0.0	3014	0.0	0.0	0.0
3015	0.0	0.0	0.0	3016	0.1	0.1	0.1	3017	0.1	0.4	0.4
3018	0.1	0.2	0.2	3019	0.1	0.1	0.1	3020	0.1	0.0	0.0
3021	0.0	0.0	0.0	3022	0.1	0.0	0.1	3023	0.2	0.1	0.2
3024	0.3	0.3	0.4	3025	1.0	1.0	1.0	3026	0.1	0.2	0.2
3027	0.1	0.1	0.1	3028	0.0	0.0	0.0	3029	0.0	0.0	0.0
3030	0.1	0.1	0.1	3031	0.3	0.2	0.3	3032	1.6	1.4	1.5
3033	1.7	1.4	1.5	3034	0.4	0.2	0.3	3035	0.1	0.1	0.1
3036	0.0	0.0	0.0	3037	0.0	0.0	0.0	3038	0.2	0.1	0.1
3039	0.4	0.2	0.3	3040	1.9	2.0	1.9	3041	0.3	0.3	0.3
3042	0.2	0.1	0.2	3043	0.1	0.0	0.1	3044	0.0	0.0	0.0
3045	0.0	0.0	0.0	3046	0.1	0.0	0.0	3047	0.1	0.1	0.1
3048	0.2	0.3	0.2	3049	0.1	0.1	0.1	3050	0.1	0.0	0.0
3051	0.0	0.0	0.0	3052	0.0	0.0	0.0	3053	0.0	0.0	0.0
3054	0.0	0.1	0.0	3055	0.0	0.0	0.0	3056	0.1	0.1	0.1
3057	0.1	0.1	0.1	3058	0.0	0.0	0.0	3059	0.0	0.0	0.0
3060	0.0	0.0	0.0	3061	0.0	0.0	0.0	3062	0.0	0.1	0.0
3063	0.0	0.0	0.0	3064	0.1	0.1	0.1	3065	0.3	0.3	0.3
3066	0.1	0.1	0.1	3067	0.0	0.0	0.0	3068	0.0	0.0	0.0
3069	0.0	0.0	0.0	3070	0.1	0.0	0.0	3071	0.1	0.1	0.1
3072	0.3	0.3	0.3	3073	1.1	1.0	1.1	3074	0.4	0.3	0.4
3075	0.1	0.1	0.1	3076	0.0	0.0	0.0	3077	0.0	0.0	0.0
3078	0.1	0.1	0.1	3079	0.3	0.3	0.4	3080	1.0	1.0	1.1
3089	1.0	0.9	1.1	3090	0.3	0.3	0.4	3091	0.1	0.1	0.1
3092	0.0	0.0	0.0	3093	0.0	0.0	0.0	3094	0.1	0.1	0.1
3095	0.3	0.3	0.4	3096	1.0	0.9	1.0	3097	0.3	0.3	0.3
3098	0.1	0.1	0.1	3099	0.0	0.0	0.0	3100	0.0	0.0	0.0
3101	0.0	0.0	0.0	3102	0.1	0.0	0.0	3103	0.1	0.1	0.1
3104	0.3	0.3	0.3	3105	0.1	0.1	0.1	3106	0.0	0.0	0.0

3107	0.0	0.0	0.0	3108	0.0	0.0	0.0	3109	0.0	0.0	0.0
3110	0.0	0.1	0.0	3111	0.0	0.0	0.0	3112	0.1	0.1	0.1
3113	0.1	0.1	0.1	3114	0.1	0.0	0.1	3115	0.0	0.0	0.0
3116	0.0	0.0	0.0	3117	0.0	0.0	0.0	3118	0.0	0.1	0.0
3119	0.0	0.0	0.0	3120	0.1	0.1	0.1	3121	0.3	0.3	0.3
3122	0.2	0.1	0.2	3123	0.1	0.0	0.1	3124	0.0	0.0	0.0
3125	0.0	0.0	0.0	3126	0.1	0.0	0.0	3127	0.1	0.1	0.1
3128	0.2	0.3	0.3	3129	1.6	1.4	1.5	3130	0.3	0.2	0.3
3131	0.1	0.1	0.1	3132	0.0	0.0	0.0	3133	0.0	0.0	0.0
3134	0.1	0.1	0.1	3135	0.4	0.2	0.3	3136	1.9	2.0	1.9
3137	2.5	1.9	2.1	3138	0.2	0.3	0.3	3139	0.1	0.0	0.1
3140	0.1	0.1	0.1	3141	0.5	0.3	0.4	3142	0.1	0.2	0.2
3143	0.0	0.0	0.0	3144	0.0	0.1	0.0	3145	0.1	0.1	0.1
3146	0.0	0.0	0.0	3147	0.1	0.0	0.1	3148	0.1	0.0	0.1
3149	0.1	0.1	0.1	3150	0.1	0.0	0.1	3151	0.1	0.1	0.1
3152	0.1	0.0	0.1	3153	0.3	0.2	0.3	3154	0.2	0.1	0.2
3155	0.1	0.0	0.1	3156	0.1	0.0	0.1	3157	1.0	1.0	1.1
3158	0.4	0.4	0.4	3159	0.2	0.1	0.1	3160	0.1	0.1	0.1
3165	0.9	0.9	1.0	3166	0.4	0.4	0.4	3167	0.2	0.1	0.1
3168	0.1	0.1	0.1	3169	0.3	0.2	0.3	3170	0.2	0.1	0.1
3171	0.1	0.0	0.1	3172	0.1	0.0	0.1	3173	0.1	0.1	0.1
3174	0.1	0.0	0.1	3175	0.1	0.1	0.1	3176	0.1	0.0	0.1
3177	0.1	0.1	0.1	3178	0.0	0.0	0.0	3179	0.1	0.0	0.1
3180	0.1	0.0	0.1	3181	0.5	0.3	0.4	3182	0.1	0.2	0.2
3183	0.0	0.0	0.0	3184	0.0	0.1	0.0	3185	2.5	1.9	2.1
3186	0.2	0.3	0.3	3187	0.1	0.0	0.1	3188	0.1	0.1	0.1
3197	0.1	0.2	0.2	3198	0.2	0.3	0.3	3199	0.1	0.3	0.3
3200	0.0	0.4	0.3	3201	0.1	0.1	0.1	3202	0.1	0.1	0.1
3203	0.1	0.1	0.1	3204	0.0	0.1	0.1	3205	0.0	0.1	0.1
3206	0.1	0.1	0.1	3207	0.0	0.1	0.1	3208	0.0	0.1	0.1
3209	0.1	0.2	0.2	3210	0.1	0.1	0.1	3211	0.0	0.1	0.1
3212	0.0	0.1	0.1	3213	0.3	0.5	0.5	3214	0.2	0.2	0.3
3215	0.1	0.1	0.1	3216	0.0	0.1	0.1	3217	1.6	1.5	1.5
3218	0.5	0.5	0.6	3219	0.2	0.2	0.2	3220	0.0	0.1	0.1
3221	1.5	1.5	1.5	3222	0.4	0.4	0.5	3223	0.2	0.2	0.2
3224	0.0	0.1	0.0	3225	0.2	0.4	0.4	3226	0.2	0.2	0.2
3227	0.0	0.1	0.1	3228	0.0	0.1	0.0	3229	0.1	0.1	0.1
3230	0.1	0.1	0.1	3231	0.0	0.0	0.0	3232	0.0	0.0	0.0
3233	0.0	0.0	0.0	3234	0.0	0.0	0.0	3235	0.0	0.0	0.0
3236	0.0	0.0	0.0	3237	0.0	0.0	0.0	3238	0.0	0.0	0.0
3239	0.0	0.0	0.0	3240	0.0	0.0	0.0	3241	0.1	0.1	0.1
3242	0.1	0.1	0.1	3243	0.0	0.0	0.0	3244	0.0	0.0	0.0
3245	0.2	0.4	0.4	3246	0.2	0.2	0.2	3247	0.0	0.1	0.1
3248	0.0	0.1	0.1	3249	1.6	1.5	1.5	3250	0.5	0.5	0.6
3251	0.2	0.2	0.2	3252	0.0	0.1	0.1	3253	1.5	1.5	1.5
3254	0.4	0.4	0.5	3255	0.1	0.2	0.2	3256	0.0	0.1	0.1
3257	0.2	0.4	0.4	3258	0.2	0.2	0.2	3259	0.0	0.1	0.1
3260	0.0	0.1	0.0	3261	0.1	0.2	0.1	3262	0.1	0.1	0.1
3263	0.0	0.0	0.0	3264	0.0	0.0	0.0	3265	0.0	0.1	0.0
3266	0.0	0.0	0.0	3267	0.0	0.0	0.0	3268	0.0	0.0	0.0
3269	0.0	0.0	0.0	3270	0.0	0.0	0.0	3271	0.0	0.0	0.0
3272	0.0	0.0	0.0	3273	0.0	0.1	0.1	3274	0.0	0.0	0.0
3275	0.0	0.0	0.0	3276	0.0	0.0	0.0	3277	0.2	0.2	0.2
3278	0.1	0.1	0.1	3279	0.0	0.0	0.0	3280	0.0	0.0	0.0
3281	1.2	1.1	1.1	3282	0.2	0.4	0.3	3283	0.1	0.2	0.1
3284	0.0	0.0	0.0	3293	0.0	0.4	0.3	3294	0.1	0.3	0.3
3295	0.2	0.3	0.3	3296	0.1	0.2	0.2	3297	0.0	0.1	0.1
3298	0.1	0.1	0.1	3299	0.1	0.1	0.1	3300	0.1	0.1	0.1
3301	0.0	0.1	0.1	3302	0.0	0.1	0.1	3303	0.1	0.1	0.1
3304	0.0	0.1	0.1	3305	0.0	0.1	0.1	3306	0.0	0.1	0.1
3307	0.1	0.1	0.1	3308	0.1	0.2	0.2	3309	0.0	0.1	0.1
3310	0.1	0.1	0.1	3311	0.2	0.2	0.3	3312	0.3	0.5	0.5
3313	0.0	0.1	0.1	3314	0.2	0.2	0.2	3315	0.4	0.5	0.6
3316	1.6	1.5	1.5	3317	0.0	0.1	0.0	3318	0.1	0.1	0.2
3319	0.4	0.4	0.4	3320	1.5	1.5	1.5	3321	0.0	0.1	0.0
3322	0.0	0.1	0.1	3323	0.2	0.2	0.2	3324	0.2	0.4	0.4
3325	0.0	0.0	0.0	3326	0.0	0.0	0.0	3327	0.1	0.1	0.1
3328	0.1	0.1	0.1	3329	0.0	0.0	0.0	3330	0.0	0.0	0.0
3331	0.0	0.0	0.0	3332	0.0	0.0	0.0	3333	0.0	0.0	0.0
3334	0.0	0.0	0.0	3335	0.0	0.0	0.0	3336	0.0	0.0	0.0
3337	0.0	0.0	0.0	3338	0.0	0.0	0.0	3339	0.1	0.1	0.1
3340	0.1	0.1	0.1	3341	0.0	0.1	0.1	3342	0.0	0.1	0.1
3343	0.2	0.2	0.2	3344	0.3	0.4	0.4	3345	0.0	0.1	0.1
3346	0.2	0.2	0.2	3347	0.4	0.5	0.5	3348	1.6	1.5	1.5
3349	0.0	0.1	0.1	3350	0.1	0.2	0.2	3351	0.4	0.4	0.4
3352	1.5	1.5	1.5	3353	0.0	0.1	0.0	3354	0.0	0.1	0.1
3355	0.2	0.2	0.2	3356	0.2	0.4	0.4	3357	0.0	0.0	0.0
3358	0.0	0.0	0.0	3359	0.1	0.1	0.1	3360	0.1	0.2	0.1
3361	0.0	0.0	0.0	3362	0.0	0.0	0.0	3363	0.0	0.0	0.0
3364	0.0	0.1	0.0	3365	0.0	0.0	0.0	3366	0.0	0.0	0.0
3367	0.0	0.0	0.0	3368	0.0	0.0	0.0	3369	0.0	0.0	0.0
3370	0.0	0.0	0.0	3371	0.0	0.0	0.0	3372	0.0	0.1	0.1
3373	0.0	0.0	0.0	3374	0.0	0.0	0.0	3375	0.1	0.1	0.1
3376	0.2	0.2	0.2	3377	0.0	0.0	0.0	3378	0.1	0.2	0.1
3379	0.2	0.4	0.3	3380	1.2	1.0	1.1	3399	1.2	1.0	1.1
3400	0.2	0.4	0.3	3401	0.1	0.2	0.1	3402	0.0	0.0	0.0
3403	0.1	0.2	0.2	3404	0.1	0.1	0.1	3405	0.0	0.1	0.0
3406	0.0	0.0	0.0	3407	0.0	0.1	0.1	3408	0.0	0.0	0.0
3409	0.0	0.0	0.0	3410	0.0	0.0	0.0	3411	0.0	0.0	0.0
3412	0.0	0.0	0.0	3413	0.0	0.0	0.0	3414	0.0	0.0	0.0
3415	0.0	0.0	0.0	3416	0.0	0.0	0.0	3417	0.0	0.0	0.0
3418	0.0	0.0	0.0	3419	0.0	0.1	0.1	3420	0.1	0.1	0.1
3421	0.0	0.0	0.0	3422	0.0	0.0	0.0	3423	0.2	0.4	0.4
3424	0.2	0.2	0.2	3425	0.0	0.1	0.1	3426	0.0	0.1	0.1
3427	1.5	1.5	1.5	3428	0.4	0.5	0.5	3429	0.1	0.2	0.2

3430	0.0	0.1	0.1	3431	1.1	1.1	1.1	3432	0.2	0.3	0.2
3433	0.1	0.3	0.3	3434	0.0	0.2	0.2	3435	0.0	0.1	0.1
3436	0.0	0.1	0.1	3437	0.0	0.0	0.0	3438	0.0	0.0	0.0
3439	0.0	0.0	0.0	3440	0.0	0.0	0.0	3441	0.0	0.0	0.0
3442	0.0	0.0	0.0	3443	0.0	0.1	0.1	3444	0.0	0.1	0.1
3445	0.2	0.3	0.3	3446	0.0	0.2	0.2	3447	1.1	1.1	1.1
3448	0.2	0.3	0.2	3449	1.5	1.5	1.5	3450	0.4	0.4	0.5
3451	0.2	0.2	0.2	3452	0.0	0.1	0.1	3453	0.2	0.4	0.4
3454	0.2	0.2	0.2	3455	0.0	0.1	0.1	3456	0.0	0.1	0.1
3457	0.1	0.2	0.1	3458	0.1	0.1	0.1	3459	0.0	0.0	0.0
3460	0.0	0.0	0.0	3461	0.0	0.1	0.0	3462	0.0	0.0	0.0
3463	0.0	0.0	0.0	3464	0.0	0.0	0.0	3465	0.0	0.1	0.0
3466	0.0	0.0	0.0	3467	0.0	0.0	0.0	3468	0.0	0.1	0.0
3469	0.1	0.1	0.1	3470	0.1	0.0	0.1	3471	0.0	0.1	0.1
3472	0.0	0.1	0.1	3473	0.3	0.5	0.5	3474	0.4	0.1	0.3
3475	0.0	0.0	0.0	3476	0.1	0.0	0.1	3477	1.5	2.6	2.0
3478	0.4	0.2	0.4	3479	0.1	0.0	0.1	3480	0.1	0.1	0.1
3481	0.0	0.1	0.1	3482	0.2	0.2	0.2	3483	0.4	0.4	0.5
3484	1.5	1.5	1.5	3485	0.0	0.1	0.0	3486	0.0	0.1	0.1
3487	0.2	0.2	0.2	3488	0.2	0.4	0.4	3489	0.0	0.0	0.0
3490	0.0	0.0	0.0	3491	0.1	0.1	0.1	3492	0.1	0.2	0.1
3493	0.0	0.0	0.0	3494	0.0	0.0	0.0	3495	0.0	0.0	0.0
3496	0.0	0.1	0.0	3497	0.0	0.1	0.0	3498	0.0	0.0	0.0
3499	0.0	0.0	0.0	3500	0.0	0.1	0.0	3501	0.0	0.1	0.1
3502	0.0	0.1	0.1	3503	0.1	0.0	0.1	3504	0.1	0.1	0.1
3505	0.1	0.0	0.1	3506	0.0	0.0	0.0	3507	0.4	0.1	0.3
3508	0.3	0.5	0.4	3509	0.1	0.1	0.1	3510	0.1	0.0	0.1
3511	0.4	0.2	0.4	3512	1.6	2.6	2.0	3513	0.0	0.0	0.0
3514	0.1	0.2	0.1	3515	0.2	0.3	0.3	3516	1.2	1.0	1.1
3517	0.0	0.0	0.0	3518	0.0	0.1	0.0	3519	0.1	0.1	0.1
3520	0.1	0.2	0.2	3521	0.0	0.0	0.0	3522	0.0	0.0	0.0
3523	0.0	0.0	0.0	3524	0.0	0.1	0.1	3525	0.0	0.0	0.0
3526	0.0	0.0	0.0	3527	0.0	0.0	0.0	3528	0.0	0.0	0.0
3529	0.0	0.0	0.0	3530	0.0	0.0	0.0	3531	0.0	0.0	0.0
3532	0.0	0.0	0.0	3533	0.0	0.0	0.0	3534	0.0	0.0	0.0
3535	0.1	0.1	0.1	3536	0.0	0.1	0.1	3537	0.0	0.1	0.1
3538	0.0	0.1	0.1	3539	0.2	0.2	0.2	3540	0.3	0.4	0.4
3541	0.0	0.1	0.1	3542	0.1	0.2	0.2	3543	0.4	0.5	0.5
3544	1.5	1.5	1.5	3545	0.1	0.3	0.2	3546	1.1	1.1	1.1
3547	0.0	0.2	0.2	3548	0.1	0.3	0.3	3549	0.0	0.1	0.1
3550	0.0	0.1	0.1	3551	0.0	0.0	0.0	3552	0.0	0.0	0.0
3553	0.0	0.0	0.0	3554	0.0	0.0	0.0	3555	0.0	0.0	0.0
3556	0.0	0.0	0.0	3557	0.0	0.1	0.1	3558	0.0	0.1	0.1
3559	0.0	0.2	0.2	3560	0.2	0.3	0.3	3561	0.1	0.3	0.2
3562	1.1	1.1	1.1	3563	0.2	0.2	0.2	3564	0.1	0.2	0.2
3565	0.0	0.1	0.1	3566	0.0	0.1	0.1	3567	0.0	0.0	0.0
3568	0.0	0.1	0.0	3569	0.0	0.2	0.2	3570	0.0	0.2	0.2
3571	0.3	0.7	0.6	3572	0.3	0.8	0.7	3573	3.5	2.3	2.9
3574	3.6	2.5	3.0	3575	3.4	2.6	3.0	3576	3.5	2.4	2.9
3577	0.3	0.8	0.7	3578	0.3	0.6	0.6	3579	0.1	0.3	0.2
3580	0.0	0.2	0.2	3581	0.0	0.1	0.1	3582	0.0	0.1	0.0
3583	0.0	0.1	0.0	3584	0.0	0.1	0.0	3585	0.0	0.2	0.2
3586	0.0	0.2	0.2	3587	0.3	0.8	0.7	3588	0.3	0.7	0.6
3589	3.5	2.5	3.0	3590	3.7	2.3	3.0	3591	3.5	2.5	3.0
3592	3.6	2.6	3.1	3593	0.3	0.7	0.6	3594	0.4	0.7	0.6
3595	0.0	0.2	0.2	3596	0.1	0.2	0.2	3597	0.0	0.1	0.0
3598	0.0	0.1	0.0	3599	0.0	0.0	0.0	3600	0.0	0.0	0.0
3601	0.0	0.1	0.0	3602	0.0	0.0	0.0	3603	0.0	0.0	0.0
3604	0.0	0.0	0.0	3605	0.0	0.0	0.0	3606	0.0	0.0	0.0
3607	0.0	0.0	0.0	3608	0.0	0.0	0.0	3609	0.0	0.0	0.0
3610	0.0	0.0	0.0	3611	0.0	0.0	0.0	3612	0.0	0.0	0.0
3613	0.0	0.0	0.0	3614	0.0	0.0	0.0	3615	0.0	0.1	0.0
3616	0.0	0.0	0.0	3617	0.0	0.0	0.0	3618	0.0	0.0	0.0
3619	0.0	0.0	0.0	3620	0.0	0.0	0.0	3621	0.0	0.0	0.0
3622	0.0	0.0	0.0	3623	0.0	0.0	0.0	3624	0.0	0.0	0.0
3625	0.0	0.0	0.0	3626	0.0	0.0	0.0	3627	0.0	0.0	0.0
3628	0.0	0.0	0.0	3629	0.0	0.1	0.0	3630	0.0	0.0	0.0
3631	0.0	0.0	0.0	3632	0.0	0.0	0.0	3633	0.0	0.0	0.0
3634	0.0	0.1	0.0	3635	0.0	0.2	0.2	3636	0.0	0.2	0.2
3637	0.3	0.6	0.6	3638	0.3	0.7	0.7	3639	3.4	2.5	2.9
3640	3.5	2.6	3.0	3641	3.4	2.4	2.9	3642	3.6	2.3	2.9
3643	0.3	0.8	0.7	3644	0.3	0.7	0.6	3645	0.0	0.2	0.2
3646	0.1	0.3	0.2	3647	0.0	0.1	0.0	3648	0.0	0.1	0.0
3649	0.0	0.1	0.0	3650	0.0	0.1	0.0	3651	0.0	0.2	0.2
3652	0.0	0.2	0.2	3653	0.3	0.6	0.6	3654	0.3	0.8	0.7
3655	3.5	2.3	2.9	3656	3.6	2.4	3.0	3657	3.5	2.6	3.0
3658	3.5	2.6	3.1	3659	0.4	0.7	0.6	3660	0.5	0.7	0.7
3661	0.1	0.2	0.2	3662	0.1	0.2	0.2	3663	0.0	0.0	0.0
3664	0.0	0.0	0.0								

Verifiche allo SLE e a fessurazione

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VERIFICHE A FESSURAZIONE (EFFETTO MEMBRANA + PIASTRA)

unità di misura:
   lunghezze     : [cm]     -   forze       : [daN]
   momenti       : [daNcm/cm]            -   tensioni    : [daN/cm2]
   pesi specifici: [daN/cm3]             -   angoli      : [gradi]
   armature      : [cm2]

CASI DI CARICO:
    Nome  Descrizione
    25    Rara (RARA)
    26    Rara VentoX 1 (RARA)
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    27    Rara VentoY 1 (RARA)
    28    Rara VentoX 2 (RARA)
    29    Rara VentoY 2 (RARA)
    30    Rara VentoX 3 (RARA)
    31    Rara VentoY 3 (RARA)
    32    Frequente 1 (FREQUENTE)
    33    Frequente 2 (FREQUENTE)
    34    Frequente VentoX 3 (FREQUENTE)
    35    Frequente VentoY 3 (FREQUENTE)
    36    Quasi Perm (QUASI PERMANENTE)

DATI:
    copriferro inferiore (asse armatura):  3     cm
    copriferro superiore (asse armatura):  3     cm

    Af  = area effettiva disposta nello strato indicato (cm2 al metro)
    wkR = apertura caratteristica per combinazione rara (mm)            - apertura max = 0.2 mm
    wkF =     ''          ''      ''      ''       frequente (mm)       -     ''    '' = 0.2 mm
    wkP =     ''          ''      ''      ''       quasi permanente (mm) -     ''    '' = 0.2 mm
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ARMATURA INFERIORE ORIZZONTALE

			COMBINAZIONE RARA					COMBINAZIONE FREQUENTE					COMBINAZIONE QUASI PERMANENTE				
GUSCI	Af	Afc	Mom	Nor	sigC	sigF	WkR	Mom	Nor	sigC	sigF	WkF	Mom	Nor	sigC	sigF	WkP
2502	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2503	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2504	7.73	7.73	11	0.	0.12	6.	0.000	4	0.	0.04	2.	0.000	0.	0.	0.00	0.	0.000
2505	7.73	7.73	287	0.	3.07	150.	0.010	211	0.	2.26	110.	0.008	108	0.	1.15	56.	0.004
2506	7.73	7.73	688	0.	7.35	360.	0.025	536	0.	5.73	280.	0.019	489	0.	5.23	256.	0.018
2507	7.73	7.73	915	0.	9.79	479.	0.033	713	0.	7.63	373.	0.026	556	0.	5.95	291.	0.020
2510	7.73	7.73	444	0.	4.75	232.	0.016	427	0.	4.56	223.	0.015	463	0.	4.95	242.	0.017
2511	7.73	7.73	218	0.	2.33	114.	0.008	203	0.	2.17	106.	0.007	221	0.	2.37	116.	0.008
2512	7.73	7.73	46	0.	0.49	24.	0.002	41	0.	0.44	21.	0.001	42	0.	0.45	22.	0.002
2513	7.73	7.73	79	0.	0.84	41.	0.003	48	0.	0.51	25.	0.002	43	0.	0.46	22.	0.002
2514	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	70	0.	0.75	36.	0.003
2515	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2518	7.73	7.73	772	0.	8.26	404.	0.028	716	0.	7.65	374.	0.026	609	0.	6.52	319.	0.022
2519	7.73	7.73	291	0.	3.11	152.	0.010	275	0.	2.94	144.	0.010	199	0.	2.13	104.	0.007
2520	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2521	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2522	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2523	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2526	7.73	7.73	771	0.	8.24	403.	0.028	713	0.	7.62	373.	0.026	585	0.	6.26	306.	0.021
2527	7.73	7.73	311	0.	3.33	163.	0.011	294	0.	3.15	154.	0.011	184	0.	1.97	96.	0.007
2528	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2529	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2530	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2531	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2534	7.73	7.73	669	0.	7.16	350.	0.024	606	0.	6.48	317.	0.022	601	0.	6.43	314.	0.022
2535	7.73	7.73	306	0.	3.27	160.	0.011	272	0.	2.91	142.	0.010	294	0.	3.14	154.	0.011
2536	7.73	7.73	55	0.	0.59	29.	0.002	48	0.	0.52	25.	0.002	63	0.	0.68	33.	0.002
2537	7.73	7.73	52	0.	0.56	27.	0.002	41	0.	0.44	21.	0.001	46	0.	0.49	24.	0.002
2538	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	7	0.	0.07	4.	0.000
2539	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2542	7.73	7.73	28	0.	0.30	15.	0.001	24	0.	0.25	12.	0.001	130	0.	1.39	68.	0.005
2543	7.73	7.73	80	0.	0.85	42.	0.003	67	0.	0.71	35.	0.002	87	0.	0.93	45.	0.003
2544	7.73	7.73	120	0.	1.29	63.	0.004	95	0.	1.02	50.	0.003	42	0.	0.45	22.	0.002
2545	7.73	7.73	406	0.	4.34	212.	0.015	295	0.	3.16	154.	0.011	184	0.	1.97	96.	0.007
2546	7.73	7.73	654	0.	6.99	342.	0.024	475	0.	5.08	248.	0.017	504	0.	5.39	263.	0.018
2547	7.73	7.73	712	0.	7.61	372.	0.026	501	0.	5.35	262.	0.018	355	0.	3.80	186.	0.013
2558	7.73	7.73	4	0.	0.05	2.	0.000	20	0.	0.22	11.	0.001	130	0.	1.39	68.	0.005
2559	7.73	7.73	69	0.	0.74	36.	0.002	65	0.	0.69	34.	0.002	87	0.	0.93	45.	0.003
2560	7.73	7.73	117	0.	1.25	61.	0.004	94	0.	1.01	49.	0.003	42	0.	0.45	22.	0.002
2561	7.73	7.73	396	0.	4.23	207.	0.014	292	0.	3.12	153.	0.011	184	0.	1.97	96.	0.007
2562	7.73	7.73	618	0.	6.61	323.	0.022	463	0.	4.95	242.	0.017	504	0.	5.39	263.	0.018
2563	7.73	7.73	644	0.	6.89	337.	0.023	482	0.	5.16	252.	0.017	355	0.	3.80	186.	0.013
2566	7.73	7.73	659	0.	7.04	345.	0.024	604	0.	6.46	316.	0.022	601	0.	6.43	314.	0.022
2567	7.73	7.73	301	0.	3.22	157.	0.011	270	0.	2.89	141.	0.010	294	0.	3.14	154.	0.011
2568	7.73	7.73	54	0.	0.58	28.	0.002	48	0.	0.51	25.	0.002	63	0.	0.68	33.	0.002
2569	7.73	7.73	48	0.	0.51	25.	0.002	40	0.	0.42	21.	0.001	46	0.	0.49	24.	0.002
2570	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	7	0.	0.07	4.	0.000
2571	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2574	7.73	7.73	781	0.	8.35	408.	0.028	714	0.	7.63	373.	0.026	585	0.	6.26	306.	0.021
2575	7.73	7.73	317	0.	3.39	166.	0.011	295	0.	3.16	154.	0.011	184	0.	1.97	96.	0.007
2576	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2577	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2578	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2579	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2582	7.73	7.73	774	0.	8.28	405.	0.028	716	0.	7.66	375.	0.026	609	0.	6.52	319.	0.022
2583	7.73	7.73	289	0.	3.09	151.	0.010	275	0.	2.94	144.	0.010	199	0.	2.13	104.	0.007
2584	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2585	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2586	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2587	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2590	7.73	7.73	470	0.	5.03	246.	0.017	431	0.	4.61	225.	0.016	463	0.	4.95	242.	0.017
2591	7.73	7.73	229	0.	2.45	120.	0.008	207	0.	2.21	108.	0.007	221	0.	2.37	116.	0.008
2592	7.73	7.73	49	0.	0.52	26.	0.002	42	0.	0.44	22.	0.001	42	0.	0.45	22.	0.002
2593	7.73	7.73	88	0.	0.94	46.	0.003	49	0.	0.53	26.	0.002	43	0.	0.46	22.	0.002
2594	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	70	0.	0.75	36.	0.003
2595	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2598	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2599	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2600	7.73	7.73	14	0.	0.15	7.	0.001	4	0.	0.05	2.	0.000	0.	0.	0.00	0.	0.000
2601	7.73	7.73	281	0.	3.00	147.	0.010	209	0.	2.24	109.	0.008	108	0.	1.15	56.	0.004
2602	7.73	7.73	713	0.	7.62	373.	0.026	544	0.	5.82	285.	0.020	489	0.	5.23	256.	0.018
2603	7.73	7.73	1014	0.	10.84	530.	0.037	739	0.	7.90	386.	0.027	556	0.	5.95	291.	0.020
2604	7.73	7.73	1072	0.	11.47	561.	0.039	842	0.	9.01	441.	0.030	683	0.	7.30	357.	0.025
2605	7.73	7.73	833	0.	8.91	436.	0.030	642	0.	6.87	336.	0.023	484	0.	5.17	253.	0.017
2606	7.73	7.73	282	0.	3.02	147.	0.010	217	0.	2.32	113.	0.008	137	0.	1.47	72.	0.005
2607	7.73	7.73	101	0.	1.08	53.	0.004	79	0.	0.85	42.	0.003	30	0.	0.32	16.	0.001
2608	7.73	7.73	111	0.	1.19	58.	0.004	86	0.	0.92	45.	0.003	32	0.	0.34	17.	0.001
2609	7.73	7.73	315	0.	3.37	165.	0.011	239	0.	2.56	125.	0.009	140	0.	1.49	73.	0.005

2610	7.73	7.73	696	0.	7.44	364.	0.025	544	0.	5.81	284.	0.020	493	0.	5.28	258.	0.018
2611	7.73	7.73	920	0.	9.84	481.	0.033	718	0.	7.68	376.	0.026	560	0.	5.99	293.	0.020
2612	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2613	7.73	7.73	17	0.	0.18	9.	0.001	33	0.	0.36	17.	0.001	50	0.	0.54	26.	0.002
2614	7.73	7.73	27	0.	0.28	14.	0.001	29	0.	0.31	15.	0.001	23	0.	0.25	12.	0.001
2615	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2616	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2617	7.73	7.73	35	0.	0.38	19.	0.001	33	0.	0.35	17.	0.001	22	0.	0.23	11.	0.001
2618	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	50	0.	0.53	26.	0.002
2619	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2620	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2621	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2622	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2623	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2624	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2625	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2626	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2627	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2628	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2629	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2630	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2631	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2632	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2633	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2634	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2635	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2636	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2637	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2638	7.73	7.73	36	0.	0.38	19.	0.001	23	0.	0.25	12.	0.001	21	0.	0.23	11.	0.001
2639	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2640	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2641	7.73	7.73	15	0.	0.16	8.	0.001	7	0.	0.08	4.	0.000	26	0.	0.28	14.	0.001
2642	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2643	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2644	7.73	7.73	880	0.	9.41	460.	0.032	634	0.	6.78	332.	0.023	496	0.	5.31	260.	0.018
2645	7.73	7.73	883	0.	9.45	462.	0.032	658	0.	7.03	344.	0.024	498	0.	5.32	260.	0.018
2646	7.73	7.73	338	0.	3.61	177.	0.012	256	0.	2.74	134.	0.009	167	0.	1.78	87.	0.006
2647	7.73	7.73	91	0.	0.98	48.	0.003	66	0.	0.71	35.	0.002	9	0.	0.09	5.	0.000
2648	7.73	7.73	107	0.	1.14	56.	0.004	77	0.	0.83	40.	0.003	16	0.	0.17	8.	0.001
2649	7.73	7.73	384	0.	4.11	201.	0.014	285	0.	3.05	149.	0.010	180	0.	1.93	94.	0.006
2650	7.73	7.73	661	0.	7.07	346.	0.024	496	0.	5.30	259.	0.018	516	0.	5.51	270.	0.019
2651	7.73	7.73	724	0.	7.74	378.	0.026	519	0.	5.56	272.	0.019	369	0.	3.95	193.	0.013
2660	7.73	7.73	810	0.	8.66	423.	0.029	621	0.	6.64	325.	0.022	496	0.	5.31	260.	0.018
2661	7.73	7.73	849	0.	9.08	444.	0.031	652	0.	6.97	341.	0.023	498	0.	5.32	260.	0.018
2662	7.73	7.73	335	0.	3.58	175.	0.012	256	0.	2.74	134.	0.009	167	0.	1.78	87.	0.006
2663	7.73	7.73	87	0.	0.93	45.	0.003	65	0.	0.70	34.	0.002	9	0.	0.09	5.	0.000
2664	7.73	7.73	101	0.	1.08	53.	0.004	75	0.	0.81	39.	0.003	16	0.	0.17	8.	0.001
2665	7.73	7.73	374	0.	4.00	196.	0.013	282	0.	3.01	147.	0.010	180	0.	1.93	94.	0.006
2666	7.73	7.73	634	0.	6.78	332.	0.023	487	0.	5.21	255.	0.018	516	0.	5.51	270.	0.019
2667	7.73	7.73	664	0.	7.10	347.	0.024	503	0.	5.38	263.	0.018	369	0.	3.95	193.	0.013
2668	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2669	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2670	7.73	7.73	31	0.	0.33	16.	0.001	23	0.	0.25	12.	0.001	21	0.	0.23	11.	0.001
2671	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2672	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2673	7.73	7.73	6	0.	0.07	3.	0.000	5	0.	0.05	2.	0.000	26	0.	0.28	14.	0.001
2674	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2675	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2676	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2677	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2678	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2679	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2680	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2681	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2682	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2683	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2684	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2685	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2686	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2687	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2688	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2689	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2690	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2691	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2692	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2693	7.73	7.73	50	0.	0.53	26.	0.002	38	0.	0.40	20.	0.001	50	0.	0.54	26.	0.002
2694	7.73	7.73	36	0.	0.39	19.	0.001	30	0.	0.32	16.	0.001	23	0.	0.25	12.	0.001
2695	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2696	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2697	7.73	7.73	44	0.	0.47	23.	0.002	36	0.	0.38	19.	0.001	22	0.	0.23	11.	0.001
2698	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	50	0.	0.53	26.	0.002
2699	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2700	7.73	7.73	1179	0.	12.61	617.	0.042	858	0.	9.18	449.	0.031	683	0.	7.30	357.	0.025
2701	7.73	7.73	836	0.	8.94	437.	0.030	643	0.	6.88	337.	0.023	484	0.	5.17	253.	0.017
2702	7.73	7.73	282	0.	3.01	147.	0.010	217	0.	2.32	113.	0.008	137	0.	1.47	72.	0.005
2703	7.73	7.73	104	0.	1.11	54.	0.004	80	0.	0.85	42.	0.003	30	0.	0.32	16.	0.001
2704	7.73	7.73	113	0.	1.21	59.	0.004	86	0.	0.92	45.	0.003	32	0.	0.34	17.	0.001
2705	7.73	7.73	311	0.	3.33	163.	0.011	238	0.	2.54	124.	0.009	140	0.	1.49	73.	0.005
2706	7.73	7.73	720	0.	7.70	376.	0.026	551	0.	5.90	288.	0.020	493	0.	5.28	258.	0.018
2707	7.73	7.73	1013	0.	10.83	530.	0.037	742	0.	7.93	388.	0.027	560	0.	5.99	293.	0.020
2708	7.73	7.73	1095	0.	11.71	573.	0.039	862	0.	9.21	451.	0.031	697	0.	7.46	365.	0.025
2709	7.73	7.73	849	0.	9.08	444.	0.031	656	0.	7.02	343.	0.024	495	0.	5.29	259.	0.018
2710	7.73	7.73	289	0.	3.09	151.	0.010	223	0.	2.38	116.	0.008	143	0.	1.53	75.	0.005
2711	7.73	7.73	95	0.	1.02	50.	0.003	72	0.	0.77	38.	0.003	29	0.	0.31	15.	0.001
2712	7.73	7.73	52	0.	0.55	27.	0.002	36	0.	0.39	19.	0.001	9	0.	0.10	5.	0.000
2713	7.73	7.73	105	0.	1.12	55.	0.004	80	0.	0.86	42.	0.003	43	0.	0.46	22.	0.002
2714	7.73	7.73	304	0.	3.25	159.	0.011	215	0.	2.30	112.	0.008	137	0.	1.47	72.	0.005
2715	7.73	7.73	532	0.	5.69	278.	0.019	465	0.	4.97	243.	0.017	394	0.	4.22	206.	0.014
2716	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2717	7.73	7.73	23	0.	0.24	12.	0.001	37	0.	0.39	19.	0.001	55	0.	0.58	29.	0.002
2718	7.73	7.73	30	0.	0.32	16.	0.001	32	0.	0.35	17.	0.001	27	0.	0.29	14.	0.001
2719	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000

2720	7.73	7.73	5	0.	0.05	3.	0.000	4	0.	0.05	2.	0.000	0.	0.	0.00	0.	0.000
2721	7.73	7.73	57	0.	0.61	30.	0.002	41	0.	0.44	22.	0.001	26	0.	0.28	14.	0.001
2722	7.73	7.73	140	0.	1.50	73.	0.005	67	0.	0.71	35.	0.002	99	0.	1.06	52.	0.004
2723	7.73	7.73	91	0.	0.98	48.	0.003	0.	0.	0.00	0.	0.000	6	0.	0.07	3.	0.000
2724	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2725	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2726	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2727	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2728	7.73	7.73	8	0.	0.08	4.	0.000	5	0.	0.05	2.	0.000	0.	0.	0.00	0.	0.000
2729	7.73	7.73	242	0.	2.59	127.	0.009	175	0.	1.87	92.	0.006	82	0.	0.88	43.	0.003
2730	7.73	7.73	821	0.	8.78	429.	0.030	600	0.	6.42	314.	0.022	384	0.	4.10	201.	0.014
2731	7.73	7.73	1672	0.	17.88	875.	0.060	1217	0.	13.01	636.	0.044	965	0.	10.32	505.	0.035
2732	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2733	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2734	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2735	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2736	7.73	7.73	25	0.	0.26	13.	0.001	17	0.	0.18	9.	0.001	0.	0.	0.00	0.	0.000
2737	7.73	7.73	329	0.	3.52	172.	0.012	245	0.	2.62	128.	0.009	148	0.	1.59	78.	0.005
2738	7.73	7.73	742	0.	7.94	388.	0.027	563	0.	6.03	295.	0.020	484	0.	5.17	253.	0.017
2739	7.73	7.73	1079	0.	11.54	564.	0.039	813	0.	8.69	425.	0.029	656	0.	7.01	343.	0.024
2740	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2741	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	9	0.	0.10	5.	0.000
2742	7.73	7.73	80	0.	0.85	42.	0.003	61	0.	0.65	32.	0.002	56	0.	0.60	29.	0.002
2743	7.73	7.73	22	0.	0.24	12.	0.001	6	0.	0.07	3.	0.000	0.	0.	0.00	0.	0.000
2744	7.73	7.73	29	0.	0.31	15.	0.001	13	0.	0.14	7.	0.000	5	0.	0.06	3.	0.000
2745	7.73	7.73	93	0.	0.99	49.	0.003	77	0.	0.82	40.	0.003	87	0.	0.93	45.	0.003
2746	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	84	0.	0.90	44.	0.003
2747	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2748	7.73	7.73	901	0.	9.63	471.	0.032	654	0.	6.99	342.	0.024	512	0.	5.47	268.	0.018
2749	7.73	7.73	901	0.	9.64	471.	0.032	673	0.	7.20	352.	0.024	513	0.	5.49	269.	0.019
2750	7.73	7.73	359	0.	3.83	188.	0.013	293	0.	3.13	153.	0.011	208	0.	2.23	109.	0.008
2751	7.73	7.73	38	0.	0.41	20.	0.001	57	0.	0.61	30.	0.002	22	0.	0.24	12.	0.001
2752	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2753	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2754	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2755	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2764	7.73	7.73	835	0.	8.93	437.	0.030	641	0.	6.85	335.	0.023	512	0.	5.47	268.	0.018
2765	7.73	7.73	870	0.	9.30	455.	0.031	668	0.	7.14	349.	0.024	513	0.	5.49	269.	0.019
2766	7.73	7.73	360	0.	3.85	188.	0.013	293	0.	3.14	153.	0.011	208	0.	2.23	109.	0.008
2767	7.73	7.73	40	0.	0.43	21.	0.001	58	0.	0.62	30.	0.002	22	0.	0.24	12.	0.001
2768	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2769	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2770	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2771	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2772	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2773	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	9	0.	0.10	5.	0.000
2774	7.73	7.73	70	0.	0.75	37.	0.003	60	0.	0.64	31.	0.002	56	0.	0.60	29.	0.002
2775	7.73	7.73	21	0.	0.22	11.	0.001	6	0.	0.07	3.	0.000	0.	0.	0.00	0.	0.000
2776	7.73	7.73	34	0.	0.37	18.	0.001	14	0.	0.15	7.	0.001	5	0.	0.06	3.	0.000
2777	7.73	7.73	110	0.	1.18	58.	0.004	82	0.	0.88	43.	0.003	87	0.	0.93	45.	0.003
2778	7.73	7.73	8	0.	0.08	4.	0.000	1	0.	0.01	1.	0.000	84	0.	0.90	44.	0.003
2779	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2780	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2781	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2782	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2783	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2784	7.73	7.73	24	0.	0.25	12.	0.001	17	0.	0.18	9.	0.001	0.	0.	0.00	0.	0.000
2785	7.73	7.73	322	0.	3.45	169.	0.012	242	0.	2.59	127.	0.009	148	0.	1.59	78.	0.005
2786	7.73	7.73	802	0.	8.58	420.	0.029	583	0.	6.24	305.	0.021	484	0.	5.17	253.	0.017
2787	7.73	7.73	1283	0.	13.72	671.	0.046	874	0.	9.35	457.	0.032	656	0.	7.01	343.	0.024
2788	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2789	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2790	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2791	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2792	7.73	7.73	5	0.	0.06	3.	0.000	4	0.	0.04	2.	0.000	0.	0.	0.00	0.	0.000
2793	7.73	7.73	227	0.	2.43	119.	0.008	170	0.	1.82	89.	0.006	82	0.	0.88	43.	0.003
2794	7.73	7.73	776	0.	8.30	406.	0.028	585	0.	6.26	306.	0.021	384	0.	4.10	201.	0.014
2795	7.73	7.73	1532	0.	16.39	801.	0.055	1186	0.	12.68	620.	0.043	965	0.	10.32	505.	0.035
2796	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2797	7.73	7.73	54	0.	0.57	28.	0.002	41	0.	0.44	21.	0.001	55	0.	0.58	29.	0.002
2798	7.73	7.73	42	0.	0.45	22.	0.002	34	0.	0.36	18.	0.001	27	0.	0.29	14.	0.001
2799	7.73	7.73	1	0.	0.01	1.	0.000	1	0.	0.01	0.	0.000	0.	0.	0.00	0.	0.000
2800	7.73	7.73	5	0.	0.06	3.	0.000	4	0.	0.05	2.	0.000	0.	0.	0.00	0.	0.000
2801	7.73	7.73	53	0.	0.56	27.	0.002	40	0.	0.43	21.	0.001	26	0.	0.28	14.	0.001
2802	7.73	7.73	85	0.	0.91	44.	0.003	64	0.	0.69	34.	0.002	99	0.	1.06	52.	0.004
2803	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	6	0.	0.07	3.	0.000
2804	7.73	7.73	1195	0.	12.78	625.	0.043	876	0.	9.37	458.	0.032	697	0.	7.46	365.	0.025
2805	7.73	7.73	852	0.	9.11	446.	0.031	657	0.	7.03	344.	0.024	495	0.	5.29	259.	0.018
2806	7.73	7.73	289	0.	3.09	151.	0.010	222	0.	2.38	116.	0.008	143	0.	1.53	75.	0.005
2807	7.73	7.73	95	0.	1.02	50.	0.003	72	0.	0.77	38.	0.003	29	0.	0.31	15.	0.001
2808	7.73	7.73	49	0.	0.52	26.	0.002	36	0.	0.39	19.	0.001	9	0.	0.10	5.	0.000
2809	7.73	7.73	101	0.	1.08	53.	0.004	79	0.	0.85	41.	0.003	43	0.	0.46	22.	0.002
2810	7.73	7.73	308	0.	3.30	161.	0.011	215	0.	2.30	113.	0.008	137	0.	1.47	72.	0.005
2811	7.73	7.73	540	0.	5.77	282.	0.019	468	0.	5.00	245.	0.017	394	0.	4.22	206.	0.014
2812	7.73	7.73	635	0.	6.79	332.	0.023	517	0.	5.53	271.	0.019	332	0.	3.55	174.	0.012
2813	7.73	7.73	385	0.	4.12	201.	0.014	296	0.	3.17	155.	0.011	164	0.	1.76	86.	0.006
2814	7.73	7.73	115	0.	1.23	60.	0.004	90	0.	0.97	47.	0.003	47	0.	0.51	25.	0.002
2815	7.73	7.73	38	0.	0.40	20.	0.001	33	0.	0.35	17.	0.001	5	0.	0.05	2.	0.000
2816	7.73	7.73	22	0.	0.23	11.	0.001	11	0.	0.11	6.	0.000	0.	0.	0.00	0.	0.000
2817	7.73	7.73	34	0.	0.36	18.	0.001	23	0.	0.24	12.	0.001	6	0.	0.06	3.	0.000
2818	7.73	7.73	114	0.	1.22	59.	0.004	90	0.	0.96	47.	0.003	50	0.	0.54	26.	0.002
2819	7.73	7.73	304	0.	3.25	159.	0.011	240	0.	2.57	126.	0.009	178	0.	1.91	93.	0.006
2820	7.73	7.73	568	0.	6.08	297.	0.020	461	0.	4.92	241.	0.017	345	0.	3.69	180.	0.012
2821	7.73	7.73	86	0.	0.92	45.	0.003	35	0.	0.38	18.	0.001	17	0.	0.18	9.	0.001
2822	7.73	7.73	167	0.	1.79	88.	0.006	114	0.	1.22	59.	0.004	89	0.	0.95	46.	0.003
2823	7.73	7.73	78	0.	0.83	41.	0.003	52	0.	0.56	27.	0.002	34	0.	0.36	18.	0.001
2824	7.73	7.73	46	0.	0.49	24.	0.002	31	0.	0.33	16.	0.001	3	0.	0.04	2.	0.000
2825	7.73	7.73	27	0.	0.29	14.	0.001	15	0.	0.16	8.	0.001	0.	0.	0.00	0.	0.000
2826	7.73	7.73	37	0.	0.40	19.	0.001	21	0.	0.22	11.	0.001	2	0.	0.02	1.	0.000
2827	7.73	7.73	51	0.	0.55	27.	0.002	34	0.	0.36	18.	0.001	28	0.	0.30	15.	0.001
2828	7.73	7.73	72	0.	0.77	38.	0.003	43	0.	0.46	22.	0.002	76	0.	0.81	40.	0.003
2829	7.73	7.73	72	0.	0.77	38.	0.003	0.	0.	0.00	0.	0.000	20	0.	0.21	10.	0.001

2830	7.73	7.73	1743	0.	18.64	911.	0.063	1227	0.	13.13	642.	0.044	842	0.	9.00	440.	0.030
2831	7.73	7.73	906	0.	9.69	474.	0.033	664	0.	7.10	347.	0.024	465	0.	4.97	243.	0.017
2832	7.73	7.73	264	0.	2.83	138.	0.010	234	0.	2.50	122.	0.008	135	0.	1.44	70.	0.005
2833	7.73	7.73	115	0.	1.23	60.	0.004	85	0.	0.91	44.	0.003	35	0.	0.37	18.	0.001
2834	7.73	7.73	56	0.	0.60	29.	0.002	41	0.	0.44	21.	0.001	7	0.	0.08	4.	0.000
2835	7.73	7.73	80	0.	0.86	42.	0.003	59	0.	0.64	31.	0.002	31	0.	0.33	16.	0.001
2836	7.73	7.73	256	0.	2.74	134.	0.009	186	0.	1.99	98.	0.007	123	0.	1.32	64.	0.004
2837	7.73	7.73	764	0.	8.17	400.	0.028	562	0.	6.01	294.	0.020	422	0.	4.52	221.	0.015
2838	7.73	7.73	1425	0.	15.24	745.	0.051	1050	0.	11.23	549.	0.038	771	0.	8.24	403.	0.028
2839	7.73	7.73	949	0.	10.15	496.	0.034	719	0.	7.68	376.	0.026	527	0.	5.63	276.	0.019
2840	7.73	7.73	929	0.	9.94	486.	0.033	709	0.	7.58	371.	0.026	544	0.	5.81	284.	0.020
2841	7.73	7.73	395	0.	4.22	206.	0.014	299	0.	3.20	156.	0.011	219	0.	2.34	114.	0.008
2842	7.73	7.73	101	0.	1.08	53.	0.004	77	0.	0.83	40.	0.003	35	0.	0.37	18.	0.001
2843	7.73	7.73	31	0.	0.33	16.	0.001	25	0.	0.27	13.	0.001	0.	0.	0.00	0.	0.000
2844	7.73	7.73	106	0.	1.14	56.	0.004	81	0.	0.86	42.	0.003	31	0.	0.33	16.	0.001
2845	7.73	7.73	429	0.	4.59	225.	0.015	322	0.	3.44	168.	0.012	206	0.	2.21	108.	0.007
2846	7.73	7.73	739	0.	7.90	386.	0.027	569	0.	6.08	297.	0.020	521	0.	5.57	272.	0.019
2847	7.73	7.73	1028	0.	11.00	538.	0.037	796	0.	8.52	417.	0.029	665	0.	7.11	348.	0.024
2848	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2849	7.73	7.73	28	0.	0.30	15.	0.001	50	0.	0.53	26.	0.002	75	0.	0.81	39.	0.003
2850	7.73	7.73	88	0.	0.94	46.	0.003	82	0.	0.87	43.	0.003	85	0.	0.91	44.	0.003
2851	7.73	7.73	0.	0.	0.00	0.	0.000	4	0.	0.04	2.	0.000	0.	0.	0.00	0.	0.000
2852	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2853	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2854	7.73	7.73	98	0.	1.05	51.	0.004	62	0.	0.67	33.	0.002	79	0.	0.84	41.	0.003
2855	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	69	0.	0.74	36.	0.002
2856	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2857	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2858	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2859	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2860	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2861	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2862	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2863	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2864	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2865	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2875	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2876	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2877	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2878	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2879	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2880	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2881	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2882	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2883	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2884	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2885	7.73	7.73	78	0.	0.84	41.	0.003	59	0.	0.63	31.	0.002	75	0.	0.81	39.	0.003
2886	7.73	7.73	113	0.	1.20	59.	0.004	86	0.	0.92	45.	0.003	85	0.	0.91	44.	0.003
2887	7.73	7.73	11	0.	0.12	6.	0.000	6	0.	0.07	3.	0.000	0.	0.	0.00	0.	0.000
2888	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2889	7.73	7.73	1	0.	0.01	1.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2890	7.73	7.73	140	0.	1.50	73.	0.005	73	0.	0.78	38.	0.003	79	0.	0.84	41.	0.003
2891	7.73	7.73	15	0.	0.16	8.	0.001	0.	0.	0.00	0.	0.000	69	0.	0.74	36.	0.002
2892	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2893	7.73	7.73	1159	0.	12.40	606.	0.042	779	0.	8.33	408.	0.028	527	0.	5.63	276.	0.019
2894	7.73	7.73	974	0.	10.42	509.	0.035	719	0.	7.69	376.	0.026	544	0.	5.81	284.	0.020
2895	7.73	7.73	381	0.	4.07	199.	0.014	295	0.	3.16	154.	0.011	219	0.	2.34	114.	0.008
2896	7.73	7.73	105	0.	1.13	55.	0.004	78	0.	0.84	41.	0.003	35	0.	0.37	18.	0.001
2897	7.73	7.73	39	0.	0.42	20.	0.001	27	0.	0.29	14.	0.001	0.	0.	0.00	0.	0.000
2898	7.73	7.73	114	0.	1.22	60.	0.004	83	0.	0.89	44.	0.003	31	0.	0.33	16.	0.001
2899	7.73	7.73	418	0.	4.47	219.	0.015	317	0.	3.39	166.	0.011	206	0.	2.21	108.	0.007
2900	7.73	7.73	806	0.	8.62	422.	0.029	591	0.	6.32	309.	0.021	521	0.	5.57	272.	0.019
2901	7.73	7.73	1192	0.	12.75	623.	0.043	839	0.	8.97	439.	0.030	665	0.	7.11	348.	0.024
2902	7.73	7.73	1540	0.	16.47	806.	0.056	1194	0.	12.77	625.	0.043	842	0.	9.00	440.	0.030
2903	7.73	7.73	869	0.	9.30	455.	0.031	658	0.	7.04	344.	0.024	465	0.	4.97	243.	0.017
2904	7.73	7.73	298	0.	3.19	156.	0.011	231	0.	2.47	121.	0.008	135	0.	1.44	70.	0.005
2905	7.73	7.73	110	0.	1.18	58.	0.004	84	0.	0.90	44.	0.003	35	0.	0.37	18.	0.001
2906	7.73	7.73	53	0.	0.57	28.	0.002	31	0.	0.34	16.	0.001	7	0.	0.08	4.	0.000
2907	7.73	7.73	77	0.	0.82	40.	0.003	45	0.	0.48	24.	0.002	31	0.	0.33	16.	0.001
2908	7.73	7.73	237	0.	2.53	124.	0.009	180	0.	1.93	94.	0.007	123	0.	1.32	64.	0.004
2909	7.73	7.73	718	0.	7.68	375.	0.026	546	0.	5.84	286.	0.020	422	0.	4.52	221.	0.015
2910	7.73	7.73	1307	0.	13.97	683.	0.047	1023	0.	10.94	535.	0.037	771	0.	8.24	403.	0.028
2911	7.73	7.73	38	0.	0.41	20.	0.001	29	0.	0.31	15.	0.001	17	0.	0.18	9.	0.001
2912	7.73	7.73	136	0.	1.46	71.	0.005	107	0.	1.14	56.	0.004	89	0.	0.95	46.	0.003
2913	7.73	7.73	68	0.	0.72	35.	0.002	49	0.	0.53	26.	0.002	34	0.	0.36	18.	0.001
2914	7.73	7.73	38	0.	0.41	20.	0.001	29	0.	0.31	15.	0.001	3	0.	0.04	2.	0.000
2915	7.73	7.73	18	0.	0.19	9.	0.001	14	0.	0.15	7.	0.001	0.	0.	0.00	0.	0.000
2916	7.73	7.73	24	0.	0.26	13.	0.001	19	0.	0.21	10.	0.001	2	0.	0.02	1.	0.000
2917	7.73	7.73	34	0.	0.37	18.	0.001	28	0.	0.30	15.	0.001	28	0.	0.30	15.	0.001
2918	7.73	7.73	36	0.	0.39	19.	0.001	31	0.	0.33	16.	0.001	76	0.	0.81	40.	0.003
2919	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	20	0.	0.21	10.	0.001
2920	7.73	7.73	635	0.	6.79	332.	0.023	517	0.	5.53	271.	0.019	332	0.	3.55	174.	0.012
2921	7.73	7.73	385	0.	4.11	201.	0.014	296	0.	3.17	155.	0.011	164	0.	1.76	86.	0.006
2922	7.73	7.73	114	0.	1.22	60.	0.004	90	0.	0.96	47.	0.003	47	0.	0.51	25.	0.002
2923	7.73	7.73	36	0.	0.39	19.	0.001	32	0.	0.34	17.	0.001	5	0.	0.05	2.	0.000
2924	7.73	7.73	14	0.	0.15	8.	0.001	10	0.	0.11	5.	0.000	0.	0.	0.00	0.	0.000
2925	7.73	7.73	30	0.	0.32	16.	0.001	22	0.	0.24	12.	0.001	6	0.	0.06	3.	0.000
2926	7.73	7.73	115	0.	1.23	60.	0.004	89	0.	0.95	46.	0.003	50	0.	0.54	26.	0.002
2927	7.73	7.73	310	0.	3.32	162.	0.011	242	0.	2.59	127.	0.009	178	0.	1.91	93.	0.006
2928	7.73	7.73	581	0.	6.22	304.	0.021	465	0.	4.97	243.	0.017	345	0.	3.69	180.	0.012
2929	7.73	7.73	666	0.	7.12	348.	0.024	522	0.	5.58	273.	0.019	416	0.	4.45	218.	0.015
2930	7.73	7.73	336	0.	3.60	176.	0.012	262	0.	2.80	137.	0.009	133	0.	1.42	70.	0.005
2931	7.73	7.73	97	0.	1.04	51.	0.003	74	0.	0.79	39.	0.003	34	0.	0.37	18.	0.001
2932	7.73	7.73	57	0.	0.61	30.	0.002	37	0.	0.39	19.	0.001	8	0.	0.08	4.	0.000
2933	7.73	7.73	109	0.	1.17	57.	0.004	67	0.	0.72	35.	0.002	30	0.	0.32	16.	0.001
2934	7.73	7.73	323	0.	3.46	169.	0.012	244	0.	2.61	128.	0.009	144	0.	1.54	75.	0.005
2935	7.73	7.73	692	0.	7.40	362.	0.025	540	0.	5.78	283.	0.019	491	0.	5.25	257.	0.018
2936	7.73	7.73	912	0.	9.76	477.	0.033	712	0.	7.61	372.	0.026	556	0.	5.94	291.	0.020
2937	7.73	7.73	88	0.	0.94	46.	0.003	34	0.	0.37	18.	0.001	11	0.	0.12	6.	0.000
2938	7.73	7.73	214	0.	2.29	112.	0.008	135	0.	1.44	70.	0.005	95	0.	1.02	50.	0.003
2939	7.73	7.73	117	0.	1.25	61.	0.004	76	0.	0.82	40.	0.003	48	0.	0.51	25.	0.002
2940	7.73	7.73	40	0.	0.43	21.	0.001	26	0.	0.28	14.	0.001	5	0.	0.05	3.	0.000

2941	7.73	7.73	13	0.	0.14	7.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2942	7.73	7.73	72	0.	0.77	38.	0.003	50	0.	0.53	26.	0.002	31	0.	0.33	16.	0.001
2943	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	57	0.	0.61	30.	0.002
2944	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2945	7.73	7.73	1644	0.	17.58	860.	0.059	1176	0.	12.58	615.	0.042	968	0.	10.35	506.	0.035
2946	7.73	7.73	1121	0.	11.98	586.	0.040	732	0.	7.83	383.	0.026	502	0.	5.37	262.	0.018
2947	7.73	7.73	584	0.	6.24	305.	0.021	280	0.	2.99	146.	0.010	198	0.	2.11	103.	0.007
2948	7.73	7.73	142	0.	1.52	74.	0.005	93	0.	1.00	49.	0.003	24	0.	0.26	13.	0.001
2949	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2950	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2951	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2952	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2953	7.73	7.73	745	0.	7.97	390.	0.027	558	0.	5.97	292.	0.020	387	0.	4.13	202.	0.014
2954	7.73	7.73	552	0.	5.91	289.	0.020	442	0.	4.73	231.	0.016	335	0.	3.58	175.	0.012
2955	7.73	7.73	407	0.	4.35	213.	0.015	249	0.	2.66	130.	0.009	205	0.	2.19	107.	0.007
2956	7.73	7.73	95	0.	1.02	50.	0.003	54	0.	0.57	28.	0.002	45	0.	0.48	23.	0.002
2957	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2958	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2959	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2960	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2961	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2962	7.73	7.73	32	0.	0.35	17.	0.001	57	0.	0.61	30.	0.002	28	0.	0.30	15.	0.001
2963	7.73	7.73	69	0.	0.74	36.	0.002	60	0.	0.64	31.	0.002	48	0.	0.52	25.	0.002
2964	7.73	7.73	26	0.	0.28	14.	0.001	16	0.	0.17	8.	0.001	14	0.	0.15	7.	0.000
2965	7.73	7.73	24	0.	0.26	13.	0.001	14	0.	0.15	8.	0.001	7	0.	0.08	4.	0.000
2966	7.73	7.73	50	0.	0.54	26.	0.002	35	0.	0.38	18.	0.001	60	0.	0.64	31.	0.002
2967	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	9	0.	0.10	5.	0.000
2968	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2969	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2970	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2971	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2972	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2973	7.73	7.73	51	0.	0.55	27.	0.002	40	0.	0.43	21.	0.001	18	0.	0.20	10.	0.001
2974	7.73	7.73	417	0.	4.46	218.	0.015	311	0.	3.33	163.	0.011	208	0.	2.22	109.	0.007
2975	7.73	7.73	706	0.	7.55	369.	0.025	532	0.	5.69	278.	0.019	507	0.	5.42	265.	0.018
2976	7.73	7.73	889	0.	9.50	465.	0.032	651	0.	6.96	340.	0.023	504	0.	5.39	264.	0.018
2985	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2986	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2987	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2988	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2989	7.73	7.73	54	0.	0.57	28.	0.002	41	0.	0.44	21.	0.001	18	0.	0.20	10.	0.001
2990	7.73	7.73	410	0.	4.38	214.	0.015	309	0.	3.31	162.	0.011	208	0.	2.22	109.	0.007
2991	7.73	7.73	683	0.	7.30	357.	0.025	524	0.	5.60	274.	0.019	507	0.	5.42	265.	0.018
2992	7.73	7.73	837	0.	8.95	438.	0.030	636	0.	6.81	333.	0.023	504	0.	5.39	264.	0.018
2993	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2994	7.73	7.73	78	0.	0.83	41.	0.003	51	0.	0.55	27.	0.002	28	0.	0.30	15.	0.001
2995	7.73	7.73	70	0.	0.75	37.	0.003	52	0.	0.56	27.	0.002	48	0.	0.52	25.	0.002
2996	7.73	7.73	51	0.	0.54	27.	0.002	16	0.	0.17	8.	0.001	14	0.	0.15	7.	0.000
2997	7.73	7.73	31	0.	0.34	16.	0.001	14	0.	0.15	8.	0.001	7	0.	0.08	4.	0.000
2998	7.73	7.73	43	0.	0.46	23.	0.002	33	0.	0.35	17.	0.001	60	0.	0.64	31.	0.002
2999	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	9	0.	0.10	5.	0.000
3000	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3001	7.73	7.73	990	0.	10.59	518.	0.036	620	0.	6.63	324.	0.022	387	0.	4.13	202.	0.014
3002	7.73	7.73	748	0.	8.00	391.	0.027	477	0.	5.10	250.	0.017	335	0.	3.58	175.	0.012
3003	7.73	7.73	415	0.	4.43	217.	0.015	220	0.	2.35	115.	0.008	205	0.	2.19	107.	0.007
3004	7.73	7.73	141	0.	1.51	74.	0.005	49	0.	0.53	26.	0.002	45	0.	0.48	23.	0.002
3005	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3006	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3007	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3008	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3009	7.73	7.73	1470	0.	15.72	769.	0.053	1146	0.	12.25	599.	0.041	968	0.	10.35	506.	0.035
3010	7.73	7.73	974	0.	10.42	510.	0.035	693	0.	7.41	363.	0.025	502	0.	5.37	262.	0.018
3011	7.73	7.73	577	0.	6.17	302.	0.021	284	0.	3.04	149.	0.010	198	0.	2.11	103.	0.007
3012	7.73	7.73	160	0.	1.71	84.	0.006	97	0.	1.03	51.	0.003	24	0.	0.26	13.	0.001
3013	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3014	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3015	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3016	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3017	7.73	7.73	8	0.	0.09	4.	0.000	19	0.	0.20	10.	0.001	11	0.	0.12	6.	0.000
3018	7.73	7.73	118	0.	1.26	62.	0.004	113	0.	1.20	59.	0.004	95	0.	1.02	50.	0.003
3019	7.73	7.73	68	0.	0.73	36.	0.002	63	0.	0.67	33.	0.002	48	0.	0.51	25.	0.002
3020	7.73	7.73	32	0.	0.34	17.	0.001	22	0.	0.24	12.	0.001	5	0.	0.05	3.	0.000
3021	7.73	7.73	13	0.	0.14	7.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3022	7.73	7.73	78	0.	0.83	41.	0.003	52	0.	0.55	27.	0.002	31	0.	0.33	16.	0.001
3023	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	57	0.	0.61	30.	0.002
3024	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3025	7.73	7.73	666	0.	7.12	348.	0.024	522	0.	5.58	273.	0.019	416	0.	4.45	218.	0.015
3026	7.73	7.73	333	0.	3.56	174.	0.012	261	0.	2.79	137.	0.009	133	0.	1.42	70.	0.005
3027	7.73	7.73	88	0.	0.94	46.	0.003	71	0.	0.76	37.	0.003	34	0.	0.37	18.	0.001
3028	7.73	7.73	51	0.	0.55	27.	0.002	35	0.	0.37	18.	0.001	8	0.	0.08	4.	0.000
3029	7.73	7.73	104	0.	1.11	54.	0.004	66	0.	0.71	35.	0.002	30	0.	0.32	16.	0.001
3030	7.73	7.73	317	0.	3.39	166.	0.011	242	0.	2.59	127.	0.009	144	0.	1.54	75.	0.005
3031	7.73	7.73	715	0.	7.64	374.	0.026	548	0.	5.86	287.	0.020	491	0.	5.25	257.	0.018
3032	7.73	7.73	1003	0.	10.72	524.	0.036	735	0.	7.86	385.	0.027	556	0.	5.94	291.	0.020
3033	7.73	7.73	1086	0.	11.62	568.	0.039	856	0.	9.15	448.	0.031	694	0.	7.42	363.	0.025
3034	7.73	7.73	843	0.	9.02	441.	0.030	652	0.	6.97	341.	0.024	491	0.	5.26	257.	0.018
3035	7.73	7.73	287	0.	3.07	150.	0.010	222	0.	2.38	116.	0.008	142	0.	1.52	74.	0.005
3036	7.73	7.73	103	0.	1.11	54.	0.004	81	0.	0.87	42.	0.003	31	0.	0.33	16.	0.001
3037	7.73	7.73	127	0.	1.36	66.	0.005	97	0.	1.04	51.	0.004	35	0.	0.38	18.	0.001
3038	7.73	7.73	406	0.	4.34	212.	0.015	306	0.	3.27	160.	0.011	180	0.	1.93	94.	0.006
3039	7.73	7.73	935	0.	10.00	489.	0.034	735	0.	7.86	385.	0.027	708	0.	7.57	370.	0.026
3040	7.73	7.73	1177	0.	12.59	616.	0.042	962	0.	10.29	503.	0.035	836	0.	8.94	437.	0.030
3041	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3042	7.73	7.73	22	0.	0.24	12.	0.001	36	0.	0.38	19.	0.001	53	0.	0.57	28.	0.002
3043	7.73	7.73	34	0.	0.36	18.	0.001	33	0.	0.36	17.	0.001	27	0.	0.28	14.	0.001
3044	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3045	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3046	7.73	7.73	71	0.	0.76	37.	0.003	62	0.	0.66	32.	0.002	45	0.	0.48	23.	0.002
3047	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	87	0.	0.93	46.	0.003
3048	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3049	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3050	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000

3051	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3052	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3053	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3054	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3055	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3056	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3057	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3058	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3059	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3060	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3061	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3062	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3063	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3064	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3065	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3066	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3067	7.73	7.73	43	0.	0.46	22.	0.002	28	0.	0.30	14.	0.001	24	0.	0.26	13.	0.001
3068	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3069	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3070	7.73	7.73	4	0.	0.04	2.	0.000	0.	0.	0.00	0.	0.000	15	0.	0.16	8.	0.001
3071	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3072	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3073	7.73	7.73	759	0.	8.12	397.	0.027	538	0.	5.76	282.	0.019	360	0.	3.85	188.	0.013
3074	7.73	7.73	892	0.	9.54	467.	0.032	666	0.	7.13	349.	0.024	506	0.	5.41	264.	0.018
3075	7.73	7.73	350	0.	3.74	183.	0.013	266	0.	2.84	139.	0.010	175	0.	1.87	91.	0.006
3076	7.73	7.73	98	0.	1.04	51.	0.004	71	0.	0.76	37.	0.003	13	0.	0.14	7.	0.000
3077	7.73	7.73	108	0.	1.16	57.	0.004	79	0.	0.84	41.	0.003	19	0.	0.20	10.	0.001
3078	7.73	7.73	369	0.	3.95	193.	0.013	274	0.	2.93	143.	0.010	173	0.	1.85	91.	0.006
3079	7.73	7.73	650	0.	6.95	340.	0.023	479	0.	5.12	250.	0.017	497	0.	5.31	260.	0.018
3080	7.73	7.73	710	0.	7.60	372.	0.026	508	0.	5.44	266.	0.018	362	0.	3.87	189.	0.013
3089	7.73	7.73	689	0.	7.37	360.	0.025	526	0.	5.62	275.	0.019	360	0.	3.85	188.	0.013
3090	7.73	7.73	860	0.	9.19	450.	0.031	661	0.	7.07	346.	0.024	506	0.	5.41	264.	0.018
3091	7.73	7.73	347	0.	3.71	181.	0.013	266	0.	2.84	139.	0.010	175	0.	1.87	91.	0.006
3092	7.73	7.73	93	0.	0.99	49.	0.003	70	0.	0.75	37.	0.003	13	0.	0.14	7.	0.000
3093	7.73	7.73	103	0.	1.10	54.	0.004	77	0.	0.82	40.	0.003	19	0.	0.20	10.	0.001
3094	7.73	7.73	359	0.	3.84	188.	0.013	270	0.	2.89	141.	0.010	173	0.	1.85	91.	0.006
3095	7.73	7.73	612	0.	6.55	320.	0.022	470	0.	5.03	246.	0.017	497	0.	5.31	260.	0.018
3096	7.73	7.73	651	0.	6.96	341.	0.023	494	0.	5.28	258.	0.018	362	0.	3.87	189.	0.013
3097	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3098	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3099	7.73	7.73	35	0.	0.37	18.	0.001	27	0.	0.28	14.	0.001	24	0.	0.26	13.	0.001
3100	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3101	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3102	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	15	0.	0.16	8.	0.001
3103	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3104	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3105	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3106	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3107	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3108	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3109	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3110	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3111	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3112	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3113	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3114	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3115	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3116	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3117	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3118	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3119	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3120	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3121	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3122	7.73	7.73	52	0.	0.56	27.	0.002	40	0.	0.43	21.	0.001	53	0.	0.57	28.	0.002
3123	7.73	7.73	42	0.	0.45	22.	0.002	34	0.	0.37	18.	0.001	27	0.	0.28	14.	0.001
3124	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3125	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3126	7.73	7.73	81	0.	0.87	42.	0.003	65	0.	0.69	34.	0.002	45	0.	0.48	23.	0.002
3127	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	87	0.	0.93	46.	0.003
3128	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3129	7.73	7.73	1186	0.	12.68	620.	0.043	870	0.	9.31	455.	0.031	694	0.	7.42	363.	0.025
3130	7.73	7.73	847	0.	9.05	443.	0.031	653	0.	6.98	342.	0.024	491	0.	5.26	257.	0.018
3131	7.73	7.73	288	0.	3.08	151.	0.010	222	0.	2.37	116.	0.008	142	0.	1.52	74.	0.005
3132	7.73	7.73	106	0.	1.13	55.	0.004	82	0.	0.87	43.	0.003	31	0.	0.33	16.	0.001
3133	7.73	7.73	127	0.	1.36	66.	0.005	97	0.	1.04	51.	0.004	35	0.	0.38	18.	0.001
3134	7.73	7.73	395	0.	4.22	206.	0.014	302	0.	3.23	158.	0.011	180	0.	1.93	94.	0.006
3135	7.73	7.73	983	0.	10.51	514.	0.035	739	0.	7.91	387.	0.027	708	0.	7.57	370.	0.026
3136	7.73	7.73	1357	0.	14.51	710.	0.049	989	0.	10.57	517.	0.036	836	0.	8.94	437.	0.030
3137	7.73	7.73	716	0.	7.66	374.	0.026	584	0.	6.25	306.	0.021	54	0.	0.57	28.	0.002
3138	7.73	7.73	267	0.	2.85	139.	0.010	193	0.	2.06	101.	0.007	156	0.	1.67	82.	0.006
3139	7.73	7.73	128	0.	1.37	67.	0.005	95	0.	1.01	50.	0.003	59	0.	0.63	31.	0.002
3140	7.73	7.73	5	0.	0.05	2.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3141	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3142	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3143	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3144	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3145	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3146	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3147	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3148	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3149	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3150	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3151	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3152	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3153	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3154	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3155	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	32	0.	0.34	17.	0.001
3156	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	31	0.	0.33	16.	0.001
3157	7.73	7.73	856	0.	9.15	448.	0.031	615	0.	6.57	321.	0.022	494	0.	5.28	258.	0.018
3158	7.73	7.73	960	0.	10.27	502.	0.035	714	0.	7.63	373.	0.026	549	0.	5.87	287.	0.020
3159	7.73	7.73	581	0.	6.22	304.	0.021	439	0.	4.69	230.	0.016	339	0.	3.63	177.	0.012
3160	7.73	7.73	335	0.	3.58	175.	0.012	253	0.	2.70	132.	0.009	203	0.	2.18	106.	0.007

3165	7.73	7.73	782	0.	8.36	409.	0.028	601	0.	6.43	314.	0.022	494	0.	5.28	258.	0.018
3166	7.73	7.73	921	0.	9.85	482.	0.033	706	0.	7.55	369.	0.025	549	0.	5.87	287.	0.020
3167	7.73	7.73	571	0.	6.10	299.	0.021	437	0.	4.67	229.	0.016	339	0.	3.63	177.	0.012
3168	7.73	7.73	338	0.	3.62	177.	0.012	254	0.	2.71	133.	0.009	203	0.	2.18	106.	0.007
3169	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3170	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3171	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	32	0.	0.34	17.	0.001
3172	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	31	0.	0.33	16.	0.001
3173	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3174	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3175	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3176	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3177	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3178	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3179	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3180	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3181	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3182	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3183	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3184	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3185	7.73	7.73	866	0.	9.26	453.	0.031	614	0.	6.56	321.	0.022	54	0.	0.57	28.	0.002
3186	7.73	7.73	283	0.	3.03	148.	0.010	197	0.	2.11	103.	0.007	156	0.	1.67	82.	0.006
3187	7.73	7.73	133	0.	1.42	69.	0.005	96	0.	1.03	50.	0.003	59	0.	0.63	31.	0.002
3188	7.73	7.73	6	0.	0.07	3.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3197	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3198	7.73	7.73	73	0.	0.78	38.	0.003	46	0.	0.49	24.	0.002	82	0.	0.88	43.	0.003
3199	7.73	7.73	361	0.	3.86	189.	0.013	318	0.	3.41	167.	0.011	311	0.	3.33	163.	0.011
3200	7.73	7.73	418	0.	4.47	219.	0.015	369	0.	3.95	193.	0.013	404	0.	4.32	211.	0.015
3201	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3202	7.73	7.73	48	0.	0.51	25.	0.002	20	0.	0.21	10.	0.001	20	0.	0.22	11.	0.001
3203	7.73	7.73	216	0.	2.31	113.	0.008	177	0.	1.90	93.	0.006	146	0.	1.56	76.	0.005
3204	7.73	7.73	296	0.	3.17	155.	0.011	271	0.	2.89	142.	0.010	231	0.	2.47	121.	0.008
3205	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3206	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3207	7.73	7.73	45	0.	0.48	24.	0.002	25	0.	0.27	13.	0.001	12	0.	0.13	6.	0.000
3208	7.73	7.73	119	0.	1.27	62.	0.004	95	0.	1.02	50.	0.003	57	0.	0.61	30.	0.002
3209	7.73	7.73	320	0.	3.42	167.	0.012	236	0.	2.52	123.	0.009	92	0.	0.98	48.	0.003
3210	7.73	7.73	112	0.	1.20	58.	0.004	74	0.	0.79	39.	0.003	96	0.	1.03	50.	0.003
3211	7.73	7.73	84	0.	0.90	44.	0.003	48	0.	0.51	25.	0.002	57	0.	0.61	30.	0.002
3212	7.73	7.73	89	0.	0.96	47.	0.003	62	0.	0.66	32.	0.002	44	0.	0.47	23.	0.002
3213	7.73	7.73	986	0.	10.55	516.	0.036	743	0.	7.95	389.	0.027	523	0.	5.60	274.	0.019
3214	7.73	7.73	332	0.	3.55	174.	0.012	242	0.	2.59	127.	0.009	292	0.	3.12	153.	0.011
3215	7.73	7.73	110	0.	1.17	57.	0.004	76	0.	0.81	40.	0.003	79	0.	0.85	41.	0.003
3216	7.73	7.73	93	0.	0.99	48.	0.003	70	0.	0.75	37.	0.003	47	0.	0.51	25.	0.002
3217	7.73	7.73	1913	0.	20.46	1001.	0.069	1438	0.	15.37	752.	0.052	1035	0.	11.07	541.	0.037
3218	7.73	7.73	359	0.	3.84	188.	0.013	248	0.	2.65	130.	0.009	179	0.	1.91	93.	0.006
3219	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3220	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3221	7.73	7.73	1947	0.	20.82	1018.	0.070	1459	0.	15.60	763.	0.053	1207	0.	12.91	631.	0.044
3222	7.73	7.73	444	0.	4.75	232.	0.016	316	0.	3.37	165.	0.011	260	0.	2.78	136.	0.009
3223	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3224	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3225	7.73	7.73	972	0.	10.40	508.	0.035	677	0.	7.24	354.	0.024	555	0.	5.94	290.	0.020
3226	7.73	7.73	528	0.	5.65	276.	0.019	391	0.	4.18	204.	0.014	319	0.	3.41	167.	0.011
3227	7.73	7.73	142	0.	1.52	74.	0.005	102	0.	1.10	54.	0.004	81	0.	0.86	42.	0.003
3228	7.73	7.73	21	0.	0.23	11.	0.001	8	0.	0.08	4.	0.000	2	0.	0.03	1.	0.000
3229	7.73	7.73	308	0.	3.30	161.	0.011	212	0.	2.26	111.	0.008	174	0.	1.86	91.	0.006
3230	7.73	7.73	276	0.	2.95	145.	0.010	212	0.	2.26	111.	0.008	163	0.	1.74	85.	0.006
3231	7.73	7.73	149	0.	1.59	78.	0.005	122	0.	1.31	64.	0.004	93	0.	1.00	49.	0.003
3232	7.73	7.73	67	0.	0.72	35.	0.002	44	0.	0.47	23.	0.002	23	0.	0.24	12.	0.001
3233	7.73	7.73	147	0.	1.57	77.	0.005	113	0.	1.21	59.	0.004	71	0.	0.76	37.	0.003
3234	7.73	7.73	110	0.	1.18	58.	0.004	82	0.	0.87	43.	0.003	49	0.	0.52	26.	0.002
3235	7.73	7.73	50	0.	0.53	26.	0.002	33	0.	0.35	17.	0.001	13	0.	0.14	7.	0.000
3236	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3237	7.73	7.73	159	0.	1.70	83.	0.006	121	0.	1.29	63.	0.004	72	0.	0.77	38.	0.003
3238	7.73	7.73	118	0.	1.27	62.	0.004	87	0.	0.93	45.	0.003	54	0.	0.57	28.	0.002
3239	7.73	7.73	53	0.	0.56	28.	0.002	35	0.	0.38	19.	0.001	20	0.	0.21	10.	0.001
3240	7.73	7.73	4	0.	0.05	2.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3241	7.73	7.73	392	0.	4.19	205.	0.014	302	0.	3.22	158.	0.011	176	0.	1.88	92.	0.006
3242	7.73	7.73	287	0.	3.07	150.	0.010	214	0.	2.29	112.	0.008	165	0.	1.76	86.	0.006
3243	7.73	7.73	127	0.	1.36	67.	0.005	93	0.	1.00	49.	0.003	98	0.	1.05	51.	0.004
3244	7.73	7.73	64	0.	0.69	34.	0.002	41	0.	0.44	22.	0.001	28	0.	0.30	15.	0.001
3245	7.73	7.73	1018	0.	10.88	532.	0.037	773	0.	8.26	404.	0.028	563	0.	6.02	295.	0.020
3246	7.73	7.73	405	0.	4.33	212.	0.015	290	0.	3.10	152.	0.010	326	0.	3.48	170.	0.012
3247	7.73	7.73	52	0.	0.55	27.	0.002	33	0.	0.35	17.	0.001	91	0.	0.97	48.	0.003
3248	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	13	0.	0.14	7.	0.000
3249	7.73	7.73	1925	0.	20.58	1007.	0.069	1452	0.	15.53	759.	0.052	1056	0.	11.29	552.	0.038
3250	7.73	7.73	377	0.	4.03	197.	0.014	262	0.	2.80	137.	0.009	198	0.	2.12	104.	0.007
3251	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3252	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3253	7.73	7.73	1954	0.	20.90	1022.	0.070	1469	0.	15.71	769.	0.053	1217	0.	13.01	636.	0.044
3254	7.73	7.73	459	0.	4.91	240.	0.017	330	0.	3.53	173.	0.012	275	0.	2.94	144.	0.010
3255	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3256	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3257	7.73	7.73	976	0.	10.43	510.	0.035	679	0.	7.26	355.	0.024	557	0.	5.95	291.	0.020
3258	7.73	7.73	532	0.	5.69	278.	0.019	396	0.	4.23	207.	0.014	324	0.	3.46	169.	0.012
3259	7.73	7.73	159	0.	1.70	83.	0.006	115	0.	1.23	60.	0.004	92	0.	0.99	48.	0.003
3260	7.73	7.73	39	0.	0.42	20.	0.001	23	0.	0.24	12.	0.001	16	0.	0.18	9.	0.001
3261	7.73	7.73	298	0.	3.19	156.	0.011	204	0.	2.18	107.	0.007	163	0.	1.74	85.	0.006
3262	7.73	7.73	268	0.	2.86	140.	0.010	206	0.	2.20	108.	0.007	157	0.	1.68	82.	0.006
3263	7.73	7.73	171	0.	1.83	89.	0.006	126	0.	1.35	66.	0.005	97	0.	1.04	51.	0.003
3264	7.73	7.73	78	0.	0.84	41.	0.003	53	0.	0.57	28.	0.002	32	0.	0.34	17.	0.001
3265	7.73	7.73	115	0.	1.23	60.	0.004	89	0.	0.95	47.	0.003	49	0.	0.53	26.	0.002
3266	7.73	7.73	80	0.	0.85	42.	0.003	59	0.	0.63	31.	0.002	32	0.	0.34	17.	0.001
3267	7.73	7.73	39	0.	0.42	20.	0.001	26	0.	0.28	14.	0.001	13	0.	0.14	7.	0.000
3268	7.73	7.73	6	0.	0.06	3.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3269	7.73	7.73	82	0.	0.88	43.	0.003	63	0.	0.68	33.	0.002	31	0.	0.33	16.	0.001
3270	7.73	7.73	49	0.	0.53	26.	0.002	36	0.	0.38	19.	0.001	16	0.	0.17	8.	0.001
3271	7.73	7.73	11	0.	0.12	6.	0.000	4	0.	0.05	2.	0.000	0.	0.	0.00	0.	0.000
3272	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3273	7.73	7.73	215	0.	2.30	112.	0.008	164	0.	1.76	86.	0.006	99	0.	1.06	52.	0.004
3274	7.73	7.73	140	0.	1.50	73.	0.005	104	0.	1.11	54.	0.004	82	0.	0.88	43.	0.003

3275	7.73	7.73	46	0.	0.49	24.	0.002	29	0.	0.31	15.	0.001	31	0.	0.33	16.	0.001
3276	7.73	7.73	5	0.	0.06	3.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3277	7.73	7.73	479	0.	5.13	251.	0.017	370	0.	3.95	193.	0.013	326	0.	3.48	170.	0.012
3278	7.73	7.73	113	0.	1.21	59.	0.004	84	0.	0.90	44.	0.003	132	0.	1.41	69.	0.005
3279	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	3	0.	0.03	1.	0.000
3280	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3281	7.73	7.73	725	0.	7.75	379.	0.026	525	0.	5.61	274.	0.019	417	0.	4.46	218.	0.015
3282	7.73	7.73	30	0.	0.32	16.	0.001	17	0.	0.18	9.	0.001	0.	0.	0.00	0.	0.000
3283	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3284	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3293	7.73	7.73	415	0.	4.43	217.	0.015	368	0.	3.94	193.	0.013	404	0.	4.32	211.	0.015
3294	7.73	7.73	354	0.	3.79	185.	0.013	318	0.	3.41	167.	0.011	311	0.	3.33	163.	0.011
3295	7.73	7.73	48	0.	0.51	25.	0.002	42	0.	0.45	22.	0.002	82	0.	0.88	43.	0.003
3296	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3297	7.73	7.73	302	0.	3.23	158.	0.011	271	0.	2.90	142.	0.010	231	0.	2.47	121.	0.008
3298	7.73	7.73	209	0.	2.23	109.	0.008	177	0.	1.89	92.	0.006	146	0.	1.56	76.	0.005
3299	7.73	7.73	34	0.	0.36	18.	0.001	17	0.	0.18	9.	0.001	20	0.	0.22	11.	0.001
3300	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3301	7.73	7.73	118	0.	1.26	62.	0.004	95	0.	1.01	50.	0.003	57	0.	0.61	30.	0.002
3302	7.73	7.73	43	0.	0.46	22.	0.002	25	0.	0.27	13.	0.001	12	0.	0.13	6.	0.000
3303	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3304	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3305	7.73	7.73	86	0.	0.91	45.	0.003	61	0.	0.66	32.	0.002	44	0.	0.47	23.	0.002
3306	7.73	7.73	78	0.	0.84	41.	0.003	47	0.	0.50	25.	0.002	57	0.	0.61	30.	0.002
3307	7.73	7.73	105	0.	1.12	55.	0.004	73	0.	0.78	38.	0.003	96	0.	1.03	50.	0.003
3308	7.73	7.73	313	0.	3.34	164.	0.011	234	0.	2.50	122.	0.008	92	0.	0.98	48.	0.003
3309	7.73	7.73	88	0.	0.94	46.	0.003	70	0.	0.74	36.	0.003	47	0.	0.51	25.	0.002
3310	7.73	7.73	102	0.	1.09	53.	0.004	74	0.	0.80	39.	0.003	79	0.	0.85	41.	0.003
3311	7.73	7.73	313	0.	3.34	164.	0.011	234	0.	2.50	122.	0.008	292	0.	3.12	153.	0.011
3312	7.73	7.73	948	0.	10.13	496.	0.034	730	0.	7.81	382.	0.026	523	0.	5.60	274.	0.019
3313	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3314	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3315	7.73	7.73	320	0.	3.42	168.	0.012	237	0.	2.53	124.	0.009	179	0.	1.91	93.	0.006
3316	7.73	7.73	1809	0.	19.35	946.	0.065	1414	0.	15.12	740.	0.051	1035	0.	11.07	541.	0.037
3317	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3318	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3319	7.73	7.73	400	0.	4.28	209.	0.014	306	0.	3.28	160.	0.011	260	0.	2.78	136.	0.009
3320	7.73	7.73	1858	0.	19.87	972.	0.067	1451	0.	15.52	759.	0.052	1207	0.	12.91	631.	0.044
3321	7.73	7.73	16	0.	0.17	8.	0.001	7	0.	0.07	3.	0.000	2	0.	0.03	1.	0.000
3322	7.73	7.73	136	0.	1.45	71.	0.005	101	0.	1.08	53.	0.004	81	0.	0.86	42.	0.003
3323	7.73	7.73	499	0.	5.34	261.	0.018	386	0.	4.12	202.	0.014	319	0.	3.41	167.	0.011
3324	7.73	7.73	957	0.	10.23	501.	0.034	674	0.	7.20	352.	0.024	555	0.	5.94	290.	0.020
3325	7.73	7.73	63	0.	0.67	33.	0.002	43	0.	0.46	23.	0.002	23	0.	0.24	12.	0.001
3326	7.73	7.73	161	0.	1.72	84.	0.006	121	0.	1.30	63.	0.004	93	0.	1.00	49.	0.003
3327	7.73	7.73	275	0.	2.94	144.	0.010	212	0.	2.26	111.	0.008	163	0.	1.74	85.	0.006
3328	7.73	7.73	322	0.	3.45	169.	0.012	212	0.	2.26	111.	0.008	174	0.	1.86	91.	0.006
3329	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3330	7.73	7.73	46	0.	0.49	24.	0.002	32	0.	0.35	17.	0.001	13	0.	0.14	7.	0.000
3331	7.73	7.73	106	0.	1.13	55.	0.004	81	0.	0.86	42.	0.003	49	0.	0.52	26.	0.002
3332	7.73	7.73	142	0.	1.51	74.	0.005	112	0.	1.20	59.	0.004	71	0.	0.76	37.	0.003
3333	7.73	7.73	2	0.	0.02	1.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3334	7.73	7.73	49	0.	0.52	26.	0.002	34	0.	0.37	18.	0.001	20	0.	0.21	10.	0.001
3335	7.73	7.73	113	0.	1.20	59.	0.004	85	0.	0.91	44.	0.003	54	0.	0.57	28.	0.002
3336	7.73	7.73	155	0.	1.66	81.	0.006	120	0.	1.28	63.	0.004	72	0.	0.77	38.	0.003
3337	7.73	7.73	60	0.	0.64	31.	0.002	40	0.	0.43	21.	0.001	28	0.	0.30	15.	0.001
3338	7.73	7.73	122	0.	1.30	64.	0.004	91	0.	0.98	48.	0.003	98	0.	1.05	51.	0.004
3339	7.73	7.73	275	0.	2.95	144.	0.010	210	0.	2.25	110.	0.008	165	0.	1.76	86.	0.006
3340	7.73	7.73	385	0.	4.12	201.	0.014	299	0.	3.20	157.	0.011	176	0.	1.88	92.	0.006
3341	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	13	0.	0.14	7.	0.000
3342	7.73	7.73	47	0.	0.50	24.	0.002	31	0.	0.33	16.	0.001	91	0.	0.97	48.	0.003
3343	7.73	7.73	381	0.	4.08	199.	0.014	284	0.	3.04	149.	0.010	326	0.	3.48	170.	0.012
3344	7.73	7.73	981	0.	10.49	513.	0.035	760	0.	8.13	398.	0.027	563	0.	6.02	295.	0.020
3345	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3346	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3347	7.73	7.73	340	0.	3.64	178.	0.012	253	0.	2.71	132.	0.009	198	0.	2.12	104.	0.007
3348	7.73	7.73	1827	0.	19.54	956.	0.066	1430	0.	15.29	748.	0.052	1056	0.	11.29	552.	0.038
3349	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3350	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3351	7.73	7.73	418	0.	4.47	219.	0.015	322	0.	3.44	168.	0.012	275	0.	2.94	144.	0.010
3352	7.73	7.73	1870	0.	20.00	978.	0.067	1462	0.	15.64	765.	0.053	1217	0.	13.01	636.	0.044
3353	7.73	7.73	34	0.	0.36	18.	0.001	22	0.	0.23	11.	0.001	16	0.	0.18	9.	0.001
3354	7.73	7.73	150	0.	1.60	78.	0.005	114	0.	1.21	59.	0.004	92	0.	0.99	48.	0.003
3355	7.73	7.73	505	0.	5.40	264.	0.018	391	0.	4.18	205.	0.014	324	0.	3.46	169.	0.012
3356	7.73	7.73	962	0.	10.29	503.	0.035	675	0.	7.22	353.	0.024	557	0.	5.95	291.	0.020
3357	7.73	7.73	74	0.	0.79	39.	0.003	52	0.	0.56	27.	0.002	32	0.	0.34	17.	0.001
3358	7.73	7.73	165	0.	1.77	87.	0.006	125	0.	1.34	66.	0.005	97	0.	1.04	51.	0.003
3359	7.73	7.73	268	0.	2.87	140.	0.010	206	0.	2.20	108.	0.007	157	0.	1.68	82.	0.006
3360	7.73	7.73	296	0.	3.17	155.	0.011	204	0.	2.18	107.	0.007	163	0.	1.74	85.	0.006
3361	7.73	7.73	6	0.	0.06	3.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3362	7.73	7.73	37	0.	0.39	19.	0.001	25	0.	0.27	13.	0.001	13	0.	0.14	7.	0.000
3363	7.73	7.73	77	0.	0.82	40.	0.003	59	0.	0.63	31.	0.002	32	0.	0.34	17.	0.001
3364	7.73	7.73	113	0.	1.21	59.	0.004	88	0.	0.95	46.	0.003	49	0.	0.53	26.	0.002
3365	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3366	7.73	7.73	8	0.	0.09	4.	0.000	4	0.	0.04	2.	0.000	0.	0.	0.00	0.	0.000
3367	7.73	7.73	45	0.	0.48	23.	0.002	34	0.	0.37	18.	0.001	16	0.	0.17	8.	0.001
3368	7.73	7.73	78	0.	0.83	41.	0.003	62	0.	0.66	32.	0.002	31	0.	0.33	16.	0.001
3369	7.73	7.73	2	0.	0.02	1.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3370	7.73	7.73	40	0.	0.43	21.	0.001	28	0.	0.30	15.	0.001	31	0.	0.33	16.	0.001
3371	7.73	7.73	128	0.	1.37	67.	0.005	100	0.	1.07	52.	0.004	82	0.	0.88	43.	0.003
3372	7.73	7.73	205	0.	2.19	107.	0.007	161	0.	1.72	84.	0.006	99	0.	1.06	52.	0.004
3373	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3374	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	3	0.	0.03	1.	0.000
3375	7.73	7.73	103	0.	1.10	54.	0.004	81	0.	0.87	42.	0.003	132	0.	1.41	69.	0.005
3376	7.73	7.73	461	0.	4.93	241.	0.017	364	0.	3.89	190.	0.013	326	0.	3.48	170.	0.012
3377	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3378	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3379	7.73	7.73	23	0.	0.25	12.	0.001	15	0.	0.16	8.	0.001	0.	0.	0.00	0.	0.000
3380	7.73	7.73	640	0.	6.84	335.	0.023	514	0.	5.50	269.	0.019	417	0.	4.46	218.	0.015
3399	7.73	7.73	738	0.	7.90	386.	0.027	530	0.	5.67	277.	0.019	408	0.	4.36	213.	0.015
3400	7.73	7.73	22	0.	0.24	12.	0.001	10	0.	0.11	5.	0.000	0.	0.	0.00	0.	0.000
3401	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3402	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000

3403	7.73	7.73	476	0.	5.09	249.	0.017	375	0.	4.01	196.	0.014	309	0.	3.30	161.	0.011
3404	7.73	7.73	184	0.	1.97	96.	0.007	143	0.	1.52	75.	0.005	123	0.	1.31	64.	0.004
3405	7.73	7.73	20	0.	0.22	11.	0.001	12	0.	0.13	6.	0.000	0.	0.	0.00	0.	0.000
3406	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3407	7.73	7.73	142	0.	1.52	74.	0.005	112	0.	1.20	59.	0.004	88	0.	0.94	46.	0.003
3408	7.73	7.73	121	0.	1.30	63.	0.004	94	0.	1.01	49.	0.003	75	0.	0.80	39.	0.003
3409	7.73	7.73	70	0.	0.75	37.	0.003	50	0.	0.53	26.	0.002	28	0.	0.30	15.	0.001
3410	7.73	7.73	19	0.	0.20	10.	0.001	8	0.	0.08	4.	0.000	0.	0.	0.00	0.	0.000
3411	7.73	7.73	69	0.	0.73	36.	0.002	53	0.	0.57	28.	0.002	24	0.	0.25	12.	0.001
3412	7.73	7.73	39	0.	0.42	20.	0.001	29	0.	0.31	15.	0.001	10	0.	0.10	5.	0.000
3413	7.73	7.73	8	0.	0.08	4.	0.000	3	0.	0.03	1.	0.000	0.	0.	0.00	0.	0.000
3414	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3415	7.73	7.73	122	0.	1.31	64.	0.004	93	0.	0.99	49.	0.003	43	0.	0.46	23.	0.002
3416	7.73	7.73	79	0.	0.84	41.	0.003	58	0.	0.62	30.	0.002	27	0.	0.29	14.	0.001
3417	7.73	7.73	35	0.	0.37	18.	0.001	22	0.	0.24	12.	0.001	9	0.	0.10	5.	0.000
3418	7.73	7.73	5	0.	0.05	2.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3419	7.73	7.73	334	0.	3.57	175.	0.012	279	0.	2.99	146.	0.010	157	0.	1.68	82.	0.006
3420	7.73	7.73	259	0.	2.77	135.	0.009	193	0.	2.07	101.	0.007	149	0.	1.59	78.	0.005
3421	7.73	7.73	143	0.	1.53	75.	0.005	102	0.	1.09	53.	0.004	93	0.	1.00	49.	0.003
3422	7.73	7.73	65	0.	0.69	34.	0.002	38	0.	0.41	20.	0.001	30	0.	0.32	16.	0.001
3423	7.73	7.73	972	0.	10.40	509.	0.035	756	0.	8.08	395.	0.027	547	0.	5.85	286.	0.020
3424	7.73	7.73	424	0.	4.54	222.	0.015	308	0.	3.29	161.	0.011	318	0.	3.40	166.	0.011
3425	7.73	7.73	68	0.	0.73	36.	0.002	46	0.	0.49	24.	0.002	91	0.	0.97	48.	0.003
3426	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	16	0.	0.17	8.	0.001
3427	7.73	7.73	1900	0.	20.31	994.	0.068	1433	0.	15.33	750.	0.052	1040	0.	11.12	544.	0.037
3428	7.73	7.73	468	0.	5.00	245.	0.017	336	0.	3.59	176.	0.012	272	0.	2.91	142.	0.010
3429	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3430	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3431	7.73	7.73	867	0.	9.27	454.	0.031	664	0.	7.10	347.	0.024	543	0.	5.81	284.	0.020
3432	7.73	7.73	85	0.	0.91	45.	0.003	61	0.	0.65	32.	0.002	54	0.	0.58	28.	0.002
3433	7.73	7.73	542	0.	5.79	283.	0.020	415	0.	4.44	217.	0.015	338	0.	3.62	177.	0.012
3434	7.73	7.73	154	0.	1.64	80.	0.006	113	0.	1.21	59.	0.004	122	0.	1.30	64.	0.004
3435	7.73	7.73	150	0.	1.60	78.	0.005	113	0.	1.20	59.	0.004	104	0.	1.12	55.	0.004
3436	7.73	7.73	87	0.	0.93	45.	0.003	63	0.	0.67	33.	0.002	68	0.	0.73	35.	0.002
3437	7.73	7.73	64	0.	0.68	33.	0.002	47	0.	0.51	25.	0.002	19	0.	0.20	10.	0.001
3438	7.73	7.73	22	0.	0.23	11.	0.001	12	0.	0.13	6.	0.000	0.	0.	0.00	0.	0.000
3439	7.73	7.73	37	0.	0.40	20.	0.001	26	0.	0.28	14.	0.001	3	0.	0.03	1.	0.000
3440	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3441	7.73	7.73	56	0.	0.60	29.	0.002	41	0.	0.44	22.	0.001	20	0.	0.21	10.	0.001
3442	7.73	7.73	18	0.	0.19	9.	0.001	5	0.	0.05	2.	0.000	0.	0.	0.00	0.	0.000
3443	7.73	7.73	191	0.	2.05	100.	0.007	146	0.	1.56	76.	0.005	106	0.	1.13	55.	0.004
3444	7.73	7.73	103	0.	1.10	54.	0.004	75	0.	0.80	39.	0.003	68	0.	0.73	36.	0.002
3445	7.73	7.73	558	0.	5.97	292.	0.020	429	0.	4.59	224.	0.015	347	0.	3.71	182.	0.013
3446	7.73	7.73	138	0.	1.47	72.	0.005	104	0.	1.11	54.	0.004	125	0.	1.34	65.	0.005
3447	7.73	7.73	888	0.	9.49	464.	0.032	609	0.	6.51	318.	0.022	555	0.	5.94	290.	0.020
3448	7.73	7.73	29	0.	0.31	15.	0.001	21	0.	0.23	11.	0.001	59	0.	0.63	31.	0.002
3449	7.73	7.73	1929	0.	20.63	1009.	0.070	1451	0.	15.52	759.	0.052	1202	0.	12.86	629.	0.043
3450	7.73	7.73	388	0.	4.15	203.	0.014	272	0.	2.91	142.	0.010	196	0.	2.10	102.	0.007
3451	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3452	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3453	7.73	7.73	970	0.	10.37	507.	0.035	677	0.	7.24	354.	0.024	556	0.	5.95	291.	0.020
3454	7.73	7.73	527	0.	5.64	276.	0.019	392	0.	4.20	205.	0.014	322	0.	3.44	168.	0.012
3455	7.73	7.73	150	0.	1.60	78.	0.005	107	0.	1.15	56.	0.004	89	0.	0.95	47.	0.003
3456	7.73	7.73	29	0.	0.31	15.	0.001	15	0.	0.16	8.	0.001	8	0.	0.09	4.	0.000
3457	7.73	7.73	310	0.	3.32	162.	0.011	214	0.	2.29	112.	0.008	175	0.	1.87	92.	0.006
3458	7.73	7.73	271	0.	2.90	142.	0.010	208	0.	2.22	109.	0.007	159	0.	1.70	83.	0.006
3459	7.73	7.73	121	0.	1.29	63.	0.004	104	0.	1.12	55.	0.004	94	0.	1.01	49.	0.003
3460	7.73	7.73	55	0.	0.59	29.	0.002	35	0.	0.38	18.	0.001	18	0.	0.20	10.	0.001
3461	7.73	7.73	152	0.	1.63	80.	0.005	117	0.	1.25	61.	0.004	74	0.	0.79	39.	0.003
3462	7.73	7.73	114	0.	1.22	60.	0.004	85	0.	0.90	44.	0.003	54	0.	0.58	28.	0.002
3463	7.73	7.73	52	0.	0.56	27.	0.002	35	0.	0.37	18.	0.001	19	0.	0.21	10.	0.001
3464	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3465	7.73	7.73	183	0.	1.95	96.	0.007	134	0.	1.43	70.	0.005	77	0.	0.82	40.	0.003
3466	7.73	7.73	137	0.	1.46	71.	0.005	100	0.	1.07	52.	0.004	60	0.	0.65	32.	0.002
3467	7.73	7.73	74	0.	0.79	39.	0.003	51	0.	0.54	26.	0.002	33	0.	0.35	17.	0.001
3468	7.73	7.73	32	0.	0.34	16.	0.001	10	0.	0.11	5.	0.000	0.	0.	0.00	0.	0.000
3469	7.73	7.73	454	0.	4.85	237.	0.016	343	0.	3.66	179.	0.012	190	0.	2.03	99.	0.007
3470	7.73	7.73	270	0.	2.88	141.	0.010	212	0.	2.27	111.	0.008	144	0.	1.54	75.	0.005
3471	7.73	7.73	117	0.	1.25	61.	0.004	81	0.	0.87	43.	0.003	72	0.	0.77	38.	0.003
3472	7.73	7.73	38	0.	0.41	20.	0.001	20	0.	0.21	10.	0.001	22	0.	0.24	12.	0.001
3473	7.73	7.73	1265	0.	13.53	662.	0.046	928	0.	9.92	485.	0.033	557	0.	5.96	291.	0.020
3474	7.73	7.73	565	0.	6.04	296.	0.020	431	0.	4.61	225.	0.016	359	0.	3.84	188.	0.013
3475	7.73	7.73	185	0.	1.98	97.	0.007	107	0.	1.15	56.	0.004	115	0.	1.24	60.	0.004
3476	7.73	7.73	43	0.	0.46	22.	0.002	0.	0.	0.00	0.	0.000	10	0.	0.11	5.	0.000
3477	7.73	7.73	3400	0.	36.36	1778.	0.123	2394	0.	25.60	1252.	0.086	1668	0.	17.84	872.	0.060
3478	7.73	7.73	994	0.	10.63	520.	0.036	722	0.	7.72	378.	0.026	593	0.	6.34	310.	0.021
3479	7.73	7.73	124	0.	1.33	65.	0.004	45	0.	0.49	24.	0.002	96	0.	1.03	50.	0.003
3480	7.73	7.73	41	0.	0.44	22.	0.001	5	0.	0.05	3.	0.000	0.	0.	0.00	0.	0.000
3481	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3482	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3483	7.73	7.73	343	0.	3.67	179.	0.012	264	0.	2.82	138.	0.010	196	0.	2.10	102.	0.007
3484	7.73	7.73	1846	0.	19.75	966.	0.067	1444	0.	15.44	755.	0.052	1202	0.	12.86	629.	0.043
3485	7.73	7.73	24	0.	0.26	13.	0.001	14	0.	0.15	7.	0.001	8	0.	0.09	4.	0.000
3486	7.73	7.73	141	0.	1.51	74.	0.005	106	0.	1.13	55.	0.004	89	0.	0.95	47.	0.003
3487	7.73	7.73	500	0.	5.34	261.	0.018	388	0.	4.14	203.	0.014	322	0.	3.44	168.	0.012
3488	7.73	7.73	956	0.	10.22	500.	0.034	674	0.	7.21	352.	0.024	556	0.	5.95	291.	0.020
3489	7.73	7.73	51	0.	0.55	27.	0.002	34	0.	0.37	18.	0.001	18	0.	0.20	10.	0.001
3490	7.73	7.73	121	0.	1.29	63.	0.004	104	0.	1.12	55.	0.004	94	0.	1.01	49.	0.003
3491	7.73	7.73	269	0.	2.87	140.	0.010	208	0.	2.22	109.	0.007	159	0.	1.70	83.	0.006
3492	7.73	7.73	308	0.	3.30	161.	0.011	214	0.	2.29	112.	0.008	175	0.	1.87	92.	0.006
3493	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3494	7.73	7.73	48	0.	0.52	25.	0.002	34	0.	0.36	18.	0.001	19	0.	0.21	10.	0.001
3495	7.73	7.73	109	0.	1.17	57.	0.004	83	0.	0.89	44.	0.003	54	0.	0.58	28.	0.002
3496	7.73	7.73	150	0.	1.61	79.	0.005	117	0.	1.25	61.	0.004	74	0.	0.79	39.	0.003
3497	7.73	7.73	28	0.	0.30	15.	0.001	9	0.	0.10	5.	0.000	0.	0.	0.00	0.	0.000
3498	7.73	7.73	69	0.	0.74	36.	0.002	49	0.	0.52	25.	0.002	33	0.	0.35	17.	0.001
3499	7.73	7.73	130	0.	1.39	68.	0.005	98	0.	1.04	51.	0.004	60	0.	0.65	32.	0.002
3500	7.73	7.73	177	0.	1.90	93.	0.006	133	0.	1.42	69.	0.005	77	0.	0.82	40.	0.003
3501	7.73	7.73	35	0.	0.38	19.	0.001	19	0.	0.20	10.	0.001	22	0.	0.24	12.	0.001
3502	7.73	7.73	109	0.	1.17	57.	0.004	79	0.	0.84	41.	0.003	72	0.	0.77	38.	0.003
3503	7.73	7.73	256	0.	2.74	134.	0.009	209	0.	2.23	109.	0.008	144	0.	1.54	75.	0.005
3504	7.73	7.73	441	0.	4.71	231.	0.016	339	0.	3.62	177.	0.012	190	0.	2.03	99.	0.007

3505	7.73	7.73	38	0.	0.41	20.	0.001	0.	0.	0.00	0.	0.000	10	0.	0.11	5.	0.000
3506	7.73	7.73	146	0.	1.56	76.	0.005	104	0.	1.12	55.	0.004	115	0.	1.24	60.	0.004
3507	7.73	7.73	537	0.	5.74	281.	0.019	422	0.	4.51	221.	0.015	359	0.	3.84	188.	0.013
3508	7.73	7.73	1191	0.	12.74	623.	0.043	1036	0.	11.08	542.	0.037	557	0.	5.96	291.	0.020
3509	7.73	7.73	35	0.	0.37	18.	0.001	4	0.	0.04	2.	0.000	0.	0.	0.00	0.	0.000
3510	7.73	7.73	62	0.	0.67	33.	0.002	43	0.	0.46	23.	0.002	96	0.	1.03	50.	0.003
3511	7.73	7.73	931	0.	9.95	487.	0.034	701	0.	7.49	367.	0.025	593	0.	6.34	310.	0.021
3512	7.73	7.73	3016	0.	32.25	1577.	0.109	2442	0.	26.11	1277.	0.088	1668	0.	17.84	872.	0.060
3513	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3514	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3515	7.73	7.73	11	0.	0.12	6.	0.000	8	0.	0.08	4.	0.000	0.	0.	0.00	0.	0.000
3516	7.73	7.73	664	0.	7.10	347.	0.024	528	0.	5.64	276.	0.019	408	0.	4.36	213.	0.015
3517	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3518	7.73	7.73	15	0.	0.17	8.	0.001	11	0.	0.12	6.	0.000	0.	0.	0.00	0.	0.000
3519	7.73	7.73	175	0.	1.87	92.	0.006	141	0.	1.51	74.	0.005	123	0.	1.31	64.	0.004
3520	7.73	7.73	469	0.	5.01	245.	0.017	374	0.	4.00	196.	0.013	309	0.	3.30	161.	0.011
3521	7.73	7.73	17	0.	0.18	9.	0.001	7	0.	0.08	4.	0.000	0.	0.	0.00	0.	0.000
3522	7.73	7.73	67	0.	0.72	35.	0.002	49	0.	0.52	26.	0.002	28	0.	0.30	15.	0.001
3523	7.73	7.73	117	0.	1.25	61.	0.004	93	0.	1.00	49.	0.003	75	0.	0.80	39.	0.003
3524	7.73	7.73	136	0.	1.45	71.	0.005	111	0.	1.19	58.	0.004	88	0.	0.94	46.	0.003
3525	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3526	7.73	7.73	4	0.	0.04	2.	0.000	2	0.	0.02	1.	0.000	0.	0.	0.00	0.	0.000
3527	7.73	7.73	33	0.	0.35	17.	0.001	28	0.	0.30	14.	0.001	10	0.	0.10	5.	0.000
3528	7.73	7.73	59	0.	0.63	31.	0.002	51	0.	0.55	27.	0.002	24	0.	0.25	12.	0.001
3529	7.73	7.73	2	0.	0.03	1.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3530	7.73	7.73	30	0.	0.32	16.	0.001	21	0.	0.22	11.	0.001	9	0.	0.10	5.	0.000
3531	7.73	7.73	72	0.	0.77	38.	0.003	56	0.	0.60	29.	0.002	27	0.	0.29	14.	0.001
3532	7.73	7.73	112	0.	1.20	59.	0.004	89	0.	0.96	47.	0.003	43	0.	0.46	23.	0.002
3533	7.73	7.73	60	0.	0.64	32.	0.002	37	0.	0.39	19.	0.001	30	0.	0.32	16.	0.001
3534	7.73	7.73	131	0.	1.40	69.	0.005	98	0.	1.05	51.	0.004	93	0.	1.00	49.	0.003
3535	7.73	7.73	247	0.	2.64	129.	0.009	189	0.	2.03	99.	0.007	149	0.	1.59	78.	0.005
3536	7.73	7.73	355	0.	3.80	186.	0.013	277	0.	2.96	145.	0.010	157	0.	1.68	82.	0.006
3537	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	16	0.	0.17	8.	0.001
3538	7.73	7.73	58	0.	0.62	30.	0.002	42	0.	0.45	22.	0.002	91	0.	0.97	48.	0.003
3539	7.73	7.73	401	0.	4.29	210.	0.014	302	0.	3.23	158.	0.011	318	0.	3.40	166.	0.011
3540	7.73	7.73	960	0.	10.26	502.	0.035	744	0.	7.95	389.	0.027	547	0.	5.85	286.	0.020
3541	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3542	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3543	7.73	7.73	436	0.	4.66	228.	0.016	328	0.	3.50	171.	0.012	272	0.	2.91	142.	0.010
3544	7.73	7.73	1804	0.	19.29	943.	0.065	1412	0.	15.10	738.	0.051	1040	0.	11.12	544.	0.037
3545	7.73	7.73	69	0.	0.74	36.	0.002	58	0.	0.62	30.	0.002	54	0.	0.58	28.	0.002
3546	7.73	7.73	833	0.	8.91	436.	0.030	661	0.	7.07	346.	0.024	543	0.	5.81	284.	0.020
3547	7.73	7.73	146	0.	1.56	76.	0.005	112	0.	1.19	58.	0.004	122	0.	1.30	64.	0.004
3548	7.73	7.73	534	0.	5.71	279.	0.019	432	0.	4.62	226.	0.016	338	0.	3.62	177.	0.012
3549	7.73	7.73	92	0.	0.98	48.	0.003	64	0.	0.68	33.	0.002	68	0.	0.73	35.	0.002
3550	7.73	7.73	152	0.	1.62	79.	0.005	155	0.	1.66	81.	0.006	104	0.	1.12	55.	0.004
3551	7.73	7.73	22	0.	0.24	12.	0.001	12	0.	0.13	6.	0.000	0.	0.	0.00	0.	0.000
3552	7.73	7.73	64	0.	0.68	33.	0.002	47	0.	0.51	25.	0.002	19	0.	0.20	10.	0.001
3553	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3554	7.73	7.73	37	0.	0.39	19.	0.001	26	0.	0.28	14.	0.001	3	0.	0.03	1.	0.000
3555	7.73	7.73	16	0.	0.18	9.	0.001	4	0.	0.05	2.	0.000	0.	0.	0.00	0.	0.000
3556	7.73	7.73	54	0.	0.58	28.	0.002	41	0.	0.44	21.	0.001	20	0.	0.21	10.	0.001
3557	7.73	7.73	95	0.	1.01	49.	0.003	72	0.	0.77	38.	0.003	68	0.	0.73	36.	0.002
3558	7.73	7.73	183	0.	1.96	96.	0.007	143	0.	1.53	75.	0.005	106	0.	1.13	55.	0.004
3559	7.73	7.73	131	0.	1.40	69.	0.005	101	0.	1.08	53.	0.004	125	0.	1.34	65.	0.005
3560	7.73	7.73	540	0.	5.78	283.	0.019	423	0.	4.52	221.	0.015	347	0.	3.71	182.	0.013
3561	7.73	7.73	31	0.	0.33	16.	0.001	22	0.	0.23	11.	0.001	59	0.	0.63	31.	0.002
3562	7.73	7.73	769	0.	8.22	402.	0.028	605	0.	6.47	316.	0.022	555	0.	5.94	290.	0.020
3563	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3564	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3565	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3566	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3567	7.73	7.73	130	0.	1.39	68.	0.005	93	0.	0.99	49.	0.003	0.	0.	0.00	0.	0.000
3568	7.73	7.73	130	0.	1.39	68.	0.005	93	0.	0.99	48.	0.003	0.	0.	0.00	0.	0.000
3569	7.73	7.73	538	0.	5.75	281.	0.019	412	0.	4.40	215.	0.015	222	0.	2.37	116.	0.008
3570	7.73	7.73	543	0.	5.81	284.	0.020	414	0.	4.42	216.	0.015	222	0.	2.37	116.	0.008
3571	7.73	7.73	1499	0.	16.03	784.	0.054	1131	0.	12.10	592.	0.041	830	0.	8.87	434.	0.030
3572	7.73	7.73	1457	0.	15.59	762.	0.053	1118	0.	11.95	585.	0.040	830	0.	8.87	434.	0.030
3573	7.73	7.73	2857	0.	30.56	1495.	0.103	2143	0.	22.92	1121.	0.077	1615	0.	17.27	845.	0.058
3574	7.73	7.73	2697	0.	28.84	1411.	0.097	2107	0.	22.53	1102.	0.076	1615	0.	17.27	845.	0.058
3575	7.73	7.73	2666	0.	28.51	1394.	0.096	1986	0.	21.23	1039.	0.072	1806	0.	19.31	944.	0.065
3576	7.73	7.73	2657	0.	28.41	1390.	0.096	2086	0.	22.30	1091.	0.075	1806	0.	19.31	944.	0.065
3577	7.73	7.73	1289	0.	13.79	674.	0.046	913	0.	9.76	477.	0.033	828	0.	8.86	433.	0.030
3578	7.73	7.73	1350	0.	14.44	706.	0.049	963	0.	10.30	504.	0.035	828	0.	8.86	433.	0.030
3579	7.73	7.73	430	0.	4.60	225.	0.015	304	0.	3.25	159.	0.011	258	0.	2.76	135.	0.009
3580	7.73	7.73	431	0.	4.61	225.	0.016	304	0.	3.25	159.	0.011	258	0.	2.76	135.	0.009
3581	7.73	7.73	186	0.	1.99	97.	0.007	147	0.	1.57	77.	0.005	107	0.	1.15	56.	0.004
3582	7.73	7.73	185	0.	1.97	97.	0.007	147	0.	1.57	77.	0.005	107	0.	1.15	56.	0.004
3583	7.73	7.73	221	0.	2.36	116.	0.008	174	0.	1.86	91.	0.006	110	0.	1.18	58.	0.004
3584	7.73	7.73	220	0.	2.35	115.	0.008	174	0.	1.86	91.	0.006	110	0.	1.18	58.	0.004
3585	7.73	7.73	580	0.	6.20	303.	0.021	449	0.	4.80	235.	0.016	271	0.	2.90	142.	0.010
3586	7.73	7.73	584	0.	6.25	306.	0.021	451	0.	4.82	236.	0.016	271	0.	2.90	142.	0.010
3587	7.73	7.73	1547	0.	16.55	809.	0.056	1172	0.	12.54	613.	0.042	868	0.	9.29	454.	0.031
3588	7.73	7.73	1509	0.	16.13	789.	0.054	1160	0.	12.40	607.	0.042	868	0.	9.29	454.	0.031
3589	7.73	7.73	2896	0.	30.97	1515.	0.104	2181	0.	23.32	1141.	0.079	1665	0.	17.80	871.	0.060
3590	7.73	7.73	2747	0.	29.38	1437.	0.099	2147	0.	22.96	1123.	0.077	1665	0.	17.80	871.	0.060
3591	7.73	7.73	2794	0.	29.88	1461.	0.101	2111	0.	22.57	1104.	0.076	1837	0.	19.64	961.	0.066
3592	7.73	7.73	2598	0.	27.78	1359.	0.094	2023	0.	21.63	1058.	0.073	1837	0.	19.64	961.	0.066
3593	7.73	7.73	1350	0.	14.43	706.	0.049	968	0.	10.35	506.	0.035	837	0.	8.95	438.	0.030
3594	7.73	7.73	1313	0.	14.04	687.	0.047	924	0.	9.88	483.	0.033	837	0.	8.95	438.	0.030
3595	7.73	7.73	434	0.	4.64	227.	0.016	304	0.	3.26	159.	0.011	253	0.	2.71	132.	0.009
3596	7.73	7.73	438	0.	4.68	229.	0.016	304	0.	3.26	159.	0.011	253	0.	2.71	132.	0.009
3597	7.73	7.73	119	0.	1.27	62.	0.004	112	0.	1.20	59.	0.004	67	0.	0.72	35.	0.002
3598	7.73	7.73	120	0.	1.28	63.	0.004	112	0.	1.20	59.	0.004	67	0.	0.72	35.	0.002
3599	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3600	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3601	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3602	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3603	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3604	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3605	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3606	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000

3607	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3608	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3609	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3610	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3611	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3612	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3613	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3614	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3615	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3616	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3617	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3618	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3619	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3620	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3621	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3622	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3623	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3624	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3625	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3626	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3627	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3628	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3629	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3630	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3631	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3632	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3633	7.73	7.73	163	0.	1.75	86.	0.006	137	0.	1.46	72.	0.005	58	0.	0.62	30.	0.002
3634	7.73	7.73	168	0.	1.80	88.	0.006	138	0.	1.48	72.	0.005	58	0.	0.62	30.	0.002
3635	7.73	7.73	553	0.	5.91	289.	0.020	429	0.	4.59	224.	0.015	248	0.	2.65	130.	0.009
3636	7.73	7.73	562	0.	6.01	294.	0.020	432	0.	4.62	226.	0.016	248	0.	2.65	130.	0.009
3637	7.73	7.73	1581	0.	16.91	827.	0.057	1199	0.	12.82	627.	0.043	831	0.	8.89	435.	0.030
3638	7.73	7.73	1546	0.	16.54	809.	0.056	1187	0.	12.70	621.	0.043	831	0.	8.89	435.	0.030
3639	7.73	7.73	2930	0.	31.33	1532.	0.106	2209	0.	23.63	1156.	0.080	1816	0.	19.42	950.	0.065
3640	7.73	7.73	2789	0.	29.82	1459.	0.101	2178	0.	23.29	1139.	0.079	1816	0.	19.42	950.	0.065
3641	7.73	7.73	2822	0.	30.18	1476.	0.102	2095	0.	22.40	1096.	0.076	1628	0.	17.41	852.	0.059
3642	7.73	7.73	2494	0.	26.67	1305.	0.090	1957	0.	20.93	1024.	0.071	1628	0.	17.41	852.	0.059
3643	7.73	7.73	1310	0.	14.01	685.	0.047	936	0.	10.01	489.	0.034	848	0.	9.07	444.	0.031
3644	7.73	7.73	1389	0.	14.86	727.	0.050	988	0.	10.57	517.	0.036	848	0.	9.07	444.	0.031
3645	7.73	7.73	442	0.	4.72	231.	0.016	314	0.	3.36	164.	0.011	267	0.	2.86	140.	0.010
3646	7.73	7.73	443	0.	4.74	232.	0.016	314	0.	3.36	164.	0.011	267	0.	2.86	140.	0.010
3647	7.73	7.73	191	0.	2.05	100.	0.007	152	0.	1.63	80.	0.005	113	0.	1.20	59.	0.004
3648	7.73	7.73	191	0.	2.04	100.	0.007	152	0.	1.63	80.	0.005	113	0.	1.20	59.	0.004
3649	7.73	7.73	223	0.	2.38	116.	0.008	175	0.	1.87	91.	0.006	114	0.	1.22	60.	0.004
3650	7.73	7.73	221	0.	2.36	115.	0.008	174	0.	1.86	91.	0.006	114	0.	1.22	60.	0.004
3651	7.73	7.73	565	0.	6.04	295.	0.020	438	0.	4.68	229.	0.016	268	0.	2.86	140.	0.010
3652	7.73	7.73	569	0.	6.09	298.	0.021	439	0.	4.70	230.	0.016	268	0.	2.86	140.	0.010
3653	7.73	7.73	1493	0.	15.96	781.	0.054	1129	0.	12.08	591.	0.041	839	0.	8.97	439.	0.030
3654	7.73	7.73	1452	0.	15.52	759.	0.052	1116	0.	11.93	583.	0.040	839	0.	8.97	439.	0.030
3655	7.73	7.73	2808	0.	30.03	1469.	0.101	2106	0.	22.52	1102.	0.076	1603	0.	17.15	839.	0.058
3656	7.73	7.73	2648	0.	28.32	1385.	0.095	2070	0.	22.14	1083.	0.075	1603	0.	17.15	839.	0.058
3657	7.73	7.73	2762	0.	29.54	1445.	0.100	2081	0.	22.26	1089.	0.075	1838	0.	19.66	961.	0.066
3658	7.73	7.73	2550	0.	27.27	1334.	0.092	2000	0.	21.39	1046.	0.072	1838	0.	19.66	961.	0.066
3659	7.73	7.73	1556	0.	16.64	814.	0.056	1192	0.	12.75	623.	0.043	982	0.	10.50	514.	0.035
3660	7.73	7.73	1474	0.	15.76	771.	0.053	1133	0.	12.12	593.	0.041	982	0.	10.50	514.	0.035
3661	7.73	7.73	711	0.	7.61	372.	0.026	550	0.	5.88	288.	0.020	415	0.	4.44	217.	0.015
3662	7.73	7.73	713	0.	7.62	373.	0.026	551	0.	5.89	288.	0.020	415	0.	4.44	217.	0.015
3663	7.73	7.73	371	0.	3.97	194.	0.013	288	0.	3.08	151.	0.010	240	0.	2.57	126.	0.009
3664	7.73	7.73	372	0.	3.98	195.	0.013	288	0.	3.08	151.	0.010	240	0.	2.57	126.	0.009

ARMATURA INFERIORE VERTICALE

			COMBINAZIONE RARA					COMBINAZIONE FREQUENTE					COMBINAZIONE QUASI PERMANENTE				
GUSCI	Af	Afc	Mom	Nor	sigC	sigF	WkR	Mom	Nor	sigC	sigF	WkF	Mom	Nor	sigC	sigF	WkP
2502	7.76	7.76	672	0.	7.17	350.	0.024	614	0.	6.55	320.	0.022	559	0.	5.96	291.	0.020
2503	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2504	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2505	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2506	7.76	7.76	153	0.	1.63	80.	0.005	131	0.	1.39	68.	0.005	57	0.	0.61	30.	0.002
2507	7.76	7.76	1301	0.	13.88	678.	0.047	1019	0.	10.87	531.	0.036	898	0.	9.59	468.	0.032
2510	7.76	7.76	888	0.	9.48	463.	0.032	800	0.	8.54	417.	0.029	610	0.	6.51	318.	0.022
2511	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	13	0.	0.14	7.	0.000
2512	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2513	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2514	7.76	7.76	168	0.	1.79	87.	0.006	123	0.	1.31	64.	0.004	115	0.	1.23	60.	0.004
2515	7.76	7.76	716	0.	7.65	373.	0.026	414	0.	4.42	216.	0.015	442	0.	4.72	230.	0.016
2518	7.76	7.76	550	0.	5.87	287.	0.020	492	0.	5.25	256.	0.018	287	0.	3.06	150.	0.010
2519	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2520	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2521	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2522	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2523	7.76	7.76	301	0.	3.21	157.	0.011	176	0.	1.88	92.	0.006	110	0.	1.17	57.	0.004
2526	7.76	7.76	435	0.	4.64	227.	0.016	391	0.	4.17	203.	0.014	155	0.	1.66	81.	0.006
2527	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2528	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2529	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2530	7.76	7.76	5	0.	0.05	2.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2531	7.76	7.76	268	0.	2.86	140.	0.010	202	0.	2.16	105.	0.007	108	0.	1.16	56.	0.004
2534	7.76	7.76	856	0.	9.13	446.	0.031	782	0.	8.34	407.	0.028	545	0.	5.82	284.	0.019
2535	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2536	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2537	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2538	7.76	7.76	299	0.	3.19	156.	0.011	219	0.	2.34	114.	0.008	165	0.	1.76	86.	0.006
2539	7.76	7.76	651	0.	6.95	339.	0.023	498	0.	5.32	260.	0.018	389	0.	4.15	202.	0.014
2542	7.76	7.76	970	0.	10.35	505.	0.035	903	0.	9.63	470.	0.032	740	0.	7.89	385.	0.026
2543	7.76	7.76	151	0.	1.61	79.	0.005	148	0.	1.58	77.	0.005	98	0.	1.05	51.	0.004
2544	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2545	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2546	7.76	7.76	364	0.	3.88	190.	0.013	266	0.	2.84	139.	0.010	186	0.	1.99	97.	0.007
2547	7.76	7.76	1645	0.	17.56	857.	0.059	1266	0.	13.51	659.	0.045	1100	0.	11.74	573.	0.039
2558	7.76	7.76	981	0.	10.47	511.	0.035	895	0.	9.55	466.	0.032	740	0.	7.89	385.	0.026
2559	7.76	7.76	129	0.	1.37	67.	0.005	131	0.	1.40	68.	0.005	98	0.	1.05	51.	0.004
2560	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000

2561	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0. 0.000
2562	7.76	7.76	184	0.	1.96	96.	0.007	143	0.	1.52	74.	0.005	186	0.	1.99	97. 0.007
2563	7.76	7.76	1598	0.	17.05	832.	0.057	1277	0.	13.62	665.	0.046	1100	0.	11.74	573. 0.039
2566	7.76	7.76	823	0.	8.78	429.	0.029	751	0.	8.01	391.	0.027	545	0.	5.82	284. 0.019
2567	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0. 0.000
2568	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0. 0.000
2569	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0. 0.000
2570	7.76	7.76	228	0.	2.43	119.	0.008	162	0.	1.73	85.	0.006	165	0.	1.76	86. 0.006
2571	7.76	7.76	792	0.	8.45	412.	0.028	704	0.	7.52	367.	0.025	389	0.	4.15	202. 0.014
2574	7.76	7.76	427	0.	4.56	222.	0.015	390	0.	4.16	203.	0.014	155	0.	1.66	81. 0.006
2575	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0. 0.000
2576	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0. 0.000
2577	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0. 0.000
2578	7.76	7.76	2	0.	0.02	1.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0. 0.000
2579	7.76	7.76	298	0.	3.18	155.	0.011	219	0.	2.33	114.	0.008	108	0.	1.16	56. 0.004
2582	7.76	7.76	556	0.	5.93	289.	0.020	490	0.	5.23	255.	0.018	287	0.	3.06	150. 0.010
2583	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0. 0.000
2584	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0. 0.000
2585	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0. 0.000
2586	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0. 0.000
2587	7.76	7.76	259	0.	2.76	135.	0.009	200	0.	2.14	104.	0.007	110	0.	1.17	57. 0.004
2590	7.76	7.76	927	0.	9.89	483.	0.033	842	0.	8.98	439.	0.030	610	0.	6.51	318. 0.022
2591	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	13	0.	0.14	7. 0.000
2592	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0. 0.000
2593	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0. 0.000
2594	7.76	7.76	239	0.	2.55	124.	0.009	177	0.	1.88	92.	0.006	115	0.	1.23	60. 0.004
2595	7.76	7.76	632	0.	6.74	329.	0.023	513	0.	5.47	267.	0.018	442	0.	4.72	230. 0.016
2598	7.76	7.76	682	0.	7.28	355.	0.024	636	0.	6.79	331.	0.023	559	0.	5.96	291. 0.020
2599	7.76	7.76	9	0.	0.10	5.	0.000	24	0.	0.26	12.	0.001	0.	0.	0.00	0. 0.000
2600	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0. 0.000
2601	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0. 0.000
2602	7.76	7.76	172	0.	1.84	90.	0.006	117	0.	1.25	61.	0.004	57	0.	0.61	30. 0.002
2603	7.76	7.76	1437	0.	15.34	749.	0.051	1103	0.	11.78	575.	0.039	898	0.	9.59	468. 0.032
2604	7.76	7.76	1271	0.	13.57	662.	0.045	1003	0.	10.71	523.	0.036	881	0.	9.40	459. 0.032
2605	7.76	7.76	160	0.	1.71	84.	0.006	150	0.	1.60	78.	0.005	91	0.	0.97	47. 0.003
2606	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0. 0.000
2607	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0. 0.000
2608	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0. 0.000
2609	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0. 0.000
2610	7.76	7.76	186	0.	1.98	97.	0.007	160	0.	1.71	83.	0.006	93	0.	1.00	49. 0.003
2611	7.76	7.76	1305	0.	13.93	680.	0.047	1024	0.	10.92	533.	0.037	910	0.	9.71	474. 0.033
2612	7.76	7.76	744	0.	7.94	388.	0.027	447	0.	4.77	233.	0.016	441	0.	4.71	230. 0.016
2613	7.76	7.76	201	0.	2.14	105.	0.007	158	0.	1.69	82.	0.006	157	0.	1.68	82. 0.006
2614	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0. 0.000
2615	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0. 0.000
2616	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0. 0.000
2617	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0. 0.000
2618	7.76	7.76	213	0.	2.27	111.	0.008	164	0.	1.75	86.	0.006	161	0.	1.72	84. 0.006
2619	7.76	7.76	728	0.	7.77	379.	0.026	424	0.	4.52	221.	0.015	457	0.	4.88	238. 0.016
2620	7.76	7.76	304	0.	3.25	159.	0.011	186	0.	1.98	97.	0.007	133	0.	1.42	69. 0.005
2621	7.76	7.76	54	0.	0.58	28.	0.002	44	0.	0.47	23.	0.002	1	0.	0.01	1. 0.000
2622	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0. 0.000
2623	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0. 0.000
2624	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0. 0.000
2625	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0. 0.000
2626	7.76	7.76	61	0.	0.65	32.	0.002	48	0.	0.51	25.	0.002	2	0.	0.03	1. 0.000
2627	7.76	7.76	326	0.	3.48	170.	0.012	202	0.	2.15	105.	0.007	145	0.	1.55	76. 0.005
2628	7.76	7.76	285	0.	3.04	149.	0.010	218	0.	2.33	114.	0.008	134	0.	1.43	70. 0.005
2629	7.76	7.76	71	0.	0.76	37.	0.003	56	0.	0.60	29.	0.002	16	0.	0.17	8. 0.001
2630	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0. 0.000
2631	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0. 0.000
2632	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0. 0.000
2633	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0. 0.000
2634	7.76	7.76	82	0.	0.88	43.	0.003	63	0.	0.67	33.	0.002	19	0.	0.20	10. 0.001
2635	7.76	7.76	307	0.	3.27	160.	0.011	235	0.	2.51	123.	0.008	148	0.	1.58	77. 0.005
2636	7.76	7.76	739	0.	7.89	385.	0.026	569	0.	6.07	296.	0.020	410	0.	4.38	214. 0.015
2637	7.76	7.76	346	0.	3.69	180.	0.012	296	0.	3.16	154.	0.011	215	0.	2.30	112. 0.008
2638	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0. 0.000
2639	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0. 0.000
2640	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0. 0.000
2641	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0. 0.000
2642	7.76	7.76	372	0.	3.97	194.	0.013	316	0.	3.37	164.	0.011	230	0.	2.45	120. 0.008
2643	7.76	7.76	700	0.	7.47	365.	0.025	539	0.	5.76	281.	0.019	428	0.	4.57	223. 0.015
2644	7.76	7.76	1824	0.	19.47	950.	0.065	1406	0.	15.01	733.	0.050	1100	0.	11.74	573. 0.039
2645	7.76	7.76	381	0.	4.07	199.	0.014	305	0.	3.25	159.	0.011	213	0.	2.28	111. 0.008
2646	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0. 0.000
2647	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0. 0.000
2648	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0. 0.000
2649	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0. 0.000
2650	7.76	7.76	421	0.	4.49	219.	0.015	333	0.	3.55	173.	0.012	236	0.	2.52	123. 0.008
2651	7.76	7.76	1734	0.	18.51	903.	0.062	1338	0.	14.28	697.	0.048	1158	0.	12.36	603. 0.041
2660	7.76	7.76	1659	0.	17.71	864.	0.059	1315	0.	14.04	685.	0.047	1100	0.	11.74	573. 0.039
2661	7.76	7.76	361	0.	3.85	188.	0.013	163	0.	1.74	85.	0.006	213	0.	2.28	111. 0.008
2662	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0. 0.000
2663	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0. 0.000
2664	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0. 0.000
2665	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0. 0.000
2666	7.76	7.76	396	0.	4.23	206.	0.014	187	0.	1.99	97.	0.007	236	0.	2.52	123. 0.008
2667	7.76	7.76	1755	0.	18.73	914.	0.063	1402	0.	14.97	731.	0.050	1158	0.	12.36	603. 0.041
2668	7.76	7.76	874	0.	9.33	455.	0.031	719	0.	7.67	374.	0.026	410	0.	4.38	214. 0.015
2669	7.76	7.76	273	0.	2.91	142.	0.010	211	0.	2.26	110.	0.008	215	0.	2.30	112. 0.008
2670	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0. 0.000
2671	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0. 0.000
2672	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0. 0.000
2673	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0. 0.000
2674	7.76	7.76	294	0.	3.14	153.	0.011	226	0.	2.41	118.	0.008	230	0.	2.45	120. 0.008
2675	7.76	7.76	837	0.	8.93	436.	0.030	748	0.	7.98	390.	0.027	428	0.	4.57	223. 0.015
2676	7.76	7.76	319	0.	3.41	166.	0.011	237	0.	2.53	124.	0.008	134	0.	1.43	70. 0.005
2677	7.76	7.76	71	0.	0.76	37.	0.003	54	0.	0.58	28.	0.002	16	0.	0.17	8. 0.001
2678	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0. 0.000
2679	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0. 0.000
2680	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0. 0.000

2681	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2682	7.76	7.76	79	0.	0.85	41.	0.003	59	0.	0.63	31.	0.002	19	0.	0.20	10.	0.001
2683	7.76	7.76	340	0.	3.63	177.	0.012	254	0.	2.71	132.	0.009	148	0.	1.58	77.	0.005
2684	7.76	7.76	273	0.	2.91	142.	0.010	214	0.	2.28	112.	0.008	133	0.	1.42	69.	0.005
2685	7.76	7.76	51	0.	0.55	27.	0.002	43	0.	0.46	23.	0.002	1	0.	0.01	1.	0.000
2686	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2687	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2688	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2689	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2690	7.76	7.76	58	0.	0.62	30.	0.002	47	0.	0.50	24.	0.002	2	0.	0.03	1.	0.000
2691	7.76	7.76	299	0.	3.19	156.	0.011	231	0.	2.47	120.	0.008	145	0.	1.55	76.	0.005
2692	7.76	7.76	742	0.	7.92	387.	0.027	594	0.	6.34	310.	0.021	441	0.	4.71	230.	0.016
2693	7.76	7.76	276	0.	2.94	144.	0.010	213	0.	2.27	111.	0.008	157	0.	1.68	82.	0.006
2694	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2695	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2696	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2697	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2698	7.76	7.76	282	0.	3.01	147.	0.010	217	0.	2.32	113.	0.008	161	0.	1.72	84.	0.006
2699	7.76	7.76	660	0.	7.05	344.	0.024	530	0.	5.66	276.	0.019	457	0.	4.88	238.	0.016
2700	7.76	7.76	1417	0.	15.12	738.	0.051	1105	0.	11.79	576.	0.040	881	0.	9.40	459.	0.032
2701	7.76	7.76	203	0.	2.17	106.	0.007	146	0.	1.56	76.	0.005	91	0.	0.97	47.	0.003
2702	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2703	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2704	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2705	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2706	7.76	7.76	204	0.	2.17	106.	0.007	149	0.	1.59	77.	0.005	93	0.	1.00	49.	0.003
2707	7.76	7.76	1439	0.	15.36	750.	0.051	1107	0.	11.82	577.	0.040	910	0.	9.71	474.	0.033
2708	7.76	7.76	1312	0.	14.00	683.	0.047	1036	0.	11.06	540.	0.037	907	0.	9.68	472.	0.032
2709	7.76	7.76	167	0.	1.78	87.	0.006	153	0.	1.63	80.	0.005	91	0.	0.97	47.	0.003
2710	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2711	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2712	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2713	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2714	7.76	7.76	71	0.	0.76	37.	0.003	9	0.	0.10	5.	0.000	28	0.	0.29	14.	0.001
2715	7.76	7.76	1180	0.	12.59	615.	0.042	887	0.	9.47	462.	0.032	689	0.	7.35	359.	0.025
2716	7.76	7.76	776	0.	8.28	404.	0.028	478	0.	5.10	249.	0.017	457	0.	4.87	238.	0.016
2717	7.76	7.76	198	0.	2.12	103.	0.007	157	0.	1.67	82.	0.006	153	0.	1.64	80.	0.005
2718	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2719	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2720	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2721	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2722	7.76	7.76	173	0.	1.84	90.	0.006	49	0.	0.52	26.	0.002	46	0.	0.49	24.	0.002
2723	7.76	7.76	1315	0.	14.03	685.	0.047	1003	0.	10.71	523.	0.036	756	0.	8.07	394.	0.027
2724	7.76	7.76	323	0.	3.45	169.	0.012	200	0.	2.13	104.	0.007	141	0.	1.51	73.	0.005
2725	7.76	7.76	43	0.	0.46	23.	0.002	36	0.	0.38	19.	0.001	0.	0.	0.00	0.	0.000
2726	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2727	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2728	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2729	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2730	7.76	7.76	85	0.	0.90	44.	0.003	67	0.	0.71	35.	0.002	0.	0.	0.00	0.	0.000
2731	7.76	7.76	1550	0.	16.55	808.	0.055	1195	0.	12.76	623.	0.043	938	0.	10.01	489.	0.034
2732	7.76	7.76	304	0.	3.24	158.	0.011	234	0.	2.49	122.	0.008	144	0.	1.54	75.	0.005
2733	7.76	7.76	69	0.	0.73	36.	0.002	54	0.	0.58	28.	0.002	9	0.	0.10	5.	0.000
2734	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2735	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2736	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2737	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2738	7.76	7.76	271	0.	2.90	141.	0.010	209	0.	2.23	109.	0.007	146	0.	1.56	76.	0.005
2739	7.76	7.76	1425	0.	15.21	742.	0.051	1159	0.	12.37	604.	0.041	975	0.	10.40	508.	0.035
2740	7.76	7.76	773	0.	8.25	403.	0.028	596	0.	6.36	311.	0.021	432	0.	4.61	225.	0.015
2741	7.76	7.76	358	0.	3.82	187.	0.013	309	0.	3.30	161.	0.011	226	0.	2.41	117.	0.008
2742	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2743	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2744	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2745	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2746	7.76	7.76	269	0.	2.87	140.	0.010	204	0.	2.18	107.	0.007	204	0.	2.18	106.	0.007
2747	7.76	7.76	816	0.	8.71	425.	0.029	694	0.	7.41	362.	0.025	498	0.	5.32	260.	0.018
2748	7.76	7.76	1862	0.	19.87	970.	0.067	1437	0.	15.33	748.	0.051	1126	0.	12.01	586.	0.040
2749	7.76	7.76	400	0.	4.27	208.	0.014	321	0.	3.42	167.	0.011	230	0.	2.45	120.	0.008
2750	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2751	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2752	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2753	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2754	7.76	7.76	108	0.	1.15	56.	0.004	76	0.	0.81	40.	0.003	49	0.	0.52	25.	0.002
2755	7.76	7.76	325	0.	3.47	169.	0.012	227	0.	2.42	118.	0.008	136	0.	1.45	71.	0.005
2764	7.76	7.76	1637	0.	17.47	853.	0.059	1290	0.	13.76	672.	0.046	1126	0.	12.01	586.	0.040
2765	7.76	7.76	386	0.	4.12	201.	0.014	180	0.	1.93	94.	0.006	230	0.	2.45	120.	0.008
2766	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2767	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2768	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2769	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2770	7.76	7.76	120	0.	1.28	62.	0.004	93	0.	1.00	49.	0.003	49	0.	0.52	25.	0.002
2771	7.76	7.76	270	0.	2.88	141.	0.010	206	0.	2.20	107.	0.007	136	0.	1.45	71.	0.005
2772	7.76	7.76	906	0.	9.67	472.	0.032	743	0.	7.93	387.	0.027	432	0.	4.61	225.	0.015
2773	7.76	7.76	289	0.	3.09	151.	0.010	221	0.	2.36	115.	0.008	226	0.	2.41	117.	0.008
2774	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2775	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2776	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2777	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2778	7.76	7.76	335	0.	3.57	174.	0.012	256	0.	2.74	133.	0.009	204	0.	2.18	106.	0.007
2779	7.76	7.76	789	0.	8.42	411.	0.028	623	0.	6.65	325.	0.022	498	0.	5.32	260.	0.018
2780	7.76	7.76	338	0.	3.60	176.	0.012	252	0.	2.69	131.	0.009	144	0.	1.54	75.	0.005
2781	7.76	7.76	69	0.	0.74	36.	0.002	52	0.	0.55	27.	0.002	9	0.	0.10	5.	0.000
2782	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2783	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2784	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2785	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2786	7.76	7.76	295	0.	3.15	154.	0.011	215	0.	2.30	112.	0.008	146	0.	1.56	76.	0.005
2787	7.76	7.76	1597	0.	17.05	832.	0.057	1228	0.	13.11	640.	0.044	975	0.	10.40	508.	0.035
2788	7.76	7.76	291	0.	3.11	152.	0.010	228	0.	2.44	119.	0.008	141	0.	1.51	73.	0.005
2789	7.76	7.76	43	0.	0.45	22.	0.002	36	0.	0.38	19.	0.001	0.	0.	0.00	0.	0.000
2790	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000

2791	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2792	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2793	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2794	7.76	7.76	30	0.	0.32	15.	0.001	14	0.	0.15	7.	0.000	0.	0.	0.00	0.	0.000
2795	7.76	7.76	1641	0.	17.52	855.	0.059	1181	0.	12.60	615.	0.042	938	0.	10.01	489.	0.034
2796	7.76	7.76	768	0.	8.20	400.	0.027	615	0.	6.57	320.	0.022	457	0.	4.87	238.	0.016
2797	7.76	7.76	274	0.	2.92	143.	0.010	211	0.	2.25	110.	0.008	153	0.	1.64	80.	0.005
2798	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2799	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2800	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2801	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2802	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	46	0.	0.49	24.	0.002
2803	7.76	7.76	1236	0.	13.19	644.	0.044	935	0.	9.97	487.	0.033	756	0.	8.07	394.	0.027
2804	7.76	7.76	1457	0.	15.55	759.	0.052	1138	0.	12.14	593.	0.041	907	0.	9.68	472.	0.032
2805	7.76	7.76	206	0.	2.20	108.	0.007	149	0.	1.59	78.	0.005	91	0.	0.97	47.	0.003
2806	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2807	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2808	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2809	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2810	7.76	7.76	140	0.	1.49	73.	0.005	102	0.	1.09	53.	0.004	28	0.	0.29	14.	0.001
2811	7.76	7.76	1214	0.	12.95	632.	0.043	908	0.	9.69	473.	0.032	689	0.	7.35	359.	0.025
2812	7.76	7.76	1289	0.	13.76	671.	0.046	1014	0.	10.83	528.	0.036	773	0.	8.25	403.	0.028
2813	7.76	7.76	232	0.	2.48	121.	0.008	160	0.	1.70	83.	0.006	92	0.	0.98	48.	0.003
2814	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2815	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2816	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2817	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2818	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2819	7.76	7.76	249	0.	2.66	130.	0.009	176	0.	1.88	92.	0.006	76	0.	0.82	40.	0.003
2820	7.76	7.76	1346	0.	14.37	701.	0.048	924	0.	9.86	482.	0.033	761	0.	8.12	396.	0.027
2821	7.76	7.76	1299	0.	13.86	677.	0.046	1001	0.	10.68	521.	0.036	807	0.	8.61	420.	0.029
2822	7.76	7.76	280	0.	2.99	146.	0.010	213	0.	2.27	111.	0.008	127	0.	1.35	66.	0.005
2823	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2824	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2825	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2826	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2827	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2828	7.76	7.76	294	0.	3.13	153.	0.011	198	0.	2.12	103.	0.007	100	0.	1.07	52.	0.004
2829	7.76	7.76	1315	0.	14.04	685.	0.047	963	0.	10.27	501.	0.034	748	0.	7.99	390.	0.027
2830	7.76	7.76	1754	0.	18.72	914.	0.063	1359	0.	14.51	708.	0.049	1025	0.	10.94	534.	0.037
2831	7.76	7.76	179	0.	1.91	93.	0.006	141	0.	1.50	73.	0.005	23	0.	0.24	12.	0.001
2832	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2833	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2834	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2835	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2836	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2837	7.76	7.76	200	0.	2.13	104.	0.007	143	0.	1.53	75.	0.005	13	0.	0.13	7.	0.000
2838	7.76	7.76	1741	0.	18.58	907.	0.062	1278	0.	13.65	666.	0.046	945	0.	10.09	492.	0.034
2839	7.76	7.76	1625	0.	17.34	846.	0.058	1270	0.	13.56	662.	0.045	1053	0.	11.24	549.	0.038
2840	7.76	7.76	368	0.	3.93	192.	0.013	282	0.	3.01	147.	0.010	220	0.	2.35	115.	0.008
2841	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2842	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2843	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2844	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2845	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2846	7.76	7.76	396	0.	4.23	207.	0.014	284	0.	3.03	148.	0.010	211	0.	2.25	110.	0.008
2847	7.76	7.76	1573	0.	16.79	819.	0.056	1228	0.	13.11	640.	0.044	1009	0.	10.77	526.	0.036
2848	7.76	7.76	965	0.	10.30	503.	0.035	750	0.	8.01	391.	0.027	496	0.	5.29	258.	0.018
2849	7.76	7.76	326	0.	3.48	170.	0.012	249	0.	2.66	130.	0.009	263	0.	2.81	137.	0.009
2850	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2851	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2852	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2853	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2854	7.76	7.76	7	0.	0.08	4.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2855	7.76	7.76	343	0.	3.66	178.	0.012	246	0.	2.63	128.	0.009	254	0.	2.71	132.	0.009
2856	7.76	7.76	868	0.	9.26	452.	0.031	744	0.	7.94	388.	0.027	476	0.	5.08	248.	0.017
2857	7.76	7.76	337	0.	3.59	175.	0.012	261	0.	2.79	136.	0.009	148	0.	1.58	77.	0.005
2858	7.76	7.76	149	0.	1.59	77.	0.005	108	0.	1.15	56.	0.004	77	0.	0.82	40.	0.003
2859	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2860	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2861	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2862	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2863	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2864	7.76	7.76	148	0.	1.58	77.	0.005	104	0.	1.11	54.	0.004	75	0.	0.80	39.	0.003
2865	7.76	7.76	333	0.	3.55	173.	0.012	254	0.	2.71	132.	0.009	138	0.	1.48	72.	0.005
2875	7.76	7.76	288	0.	3.08	150.	0.010	222	0.	2.37	116.	0.008	148	0.	1.58	77.	0.005
2876	7.76	7.76	158	0.	1.69	82.	0.006	124	0.	1.33	65.	0.004	77	0.	0.82	40.	0.003
2877	7.76	7.76	2	0.	0.02	1.	0.000	5	0.	0.05	2.	0.000	0.	0.	0.00	0.	0.000
2878	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2879	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2880	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2881	7.76	7.76	15	0.	0.15	8.	0.001	8	0.	0.08	4.	0.000	0.	0.	0.00	0.	0.000
2882	7.76	7.76	178	0.	1.90	93.	0.006	125	0.	1.33	65.	0.004	75	0.	0.80	39.	0.003
2883	7.76	7.76	299	0.	3.19	156.	0.011	211	0.	2.25	110.	0.008	138	0.	1.48	72.	0.005
2884	7.76	7.76	765	0.	8.17	399.	0.027	620	0.	6.62	323.	0.022	496	0.	5.29	258.	0.018
2885	7.76	7.76	399	0.	4.26	208.	0.014	306	0.	3.27	160.	0.011	263	0.	2.81	137.	0.009
2886	7.76	7.76	46	0.	0.49	24.	0.002	32	0.	0.35	17.	0.001	0.	0.	0.00	0.	0.000
2887	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2888	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2889	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2890	7.76	7.76	50	0.	0.54	26.	0.002	33	0.	0.35	17.	0.001	0.	0.	0.00	0.	0.000
2891	7.76	7.76	435	0.	4.64	227.	0.016	310	0.	3.31	162.	0.011	254	0.	2.71	132.	0.009
2892	7.76	7.76	891	0.	9.51	464.	0.032	638	0.	6.81	332.	0.023	476	0.	5.08	248.	0.017
2893	7.76	7.76	1627	0.	17.37	848.	0.058	1252	0.	13.36	652.	0.045	1053	0.	11.24	549.	0.038
2894	7.76	7.76	396	0.	4.22	206.	0.014	292	0.	3.12	152.	0.010	220	0.	2.35	115.	0.008
2895	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2896	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2897	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2898	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2899	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2900	7.76	7.76	401	0.	4.28	209.	0.014	289	0.	3.08	151.	0.010	211	0.	2.25	110.	0.008
2901	7.76	7.76	1793	0.	19.14	934.	0.064	1301	0.	13.89	678.	0.047	1009	0.	10.77	526.	0.036

2902	7.76	7.76	1888	0.	20.15	983.	0.067	1368	0.	14.60	713.	0.049	1025	0.	10.94	534.	0.037
2903	7.76	7.76	172	0.	1.83	89.	0.006	119	0.	1.27	62.	0.004	23	0.	0.24	12.	0.001
2904	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2905	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2906	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2907	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2908	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2909	7.76	7.76	155	0.	1.65	81.	0.006	112	0.	1.19	58.	0.004	13	0.	0.13	7.	0.000
2910	7.76	7.76	1766	0.	18.85	920.	0.063	1284	0.	13.71	669.	0.046	945	0.	10.09	492.	0.034
2911	7.76	7.76	1321	0.	14.09	688.	0.047	1015	0.	10.83	529.	0.036	807	0.	8.61	420.	0.029
2912	7.76	7.76	204	0.	2.18	106.	0.007	157	0.	1.68	82.	0.006	127	0.	1.35	66.	0.005
2913	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2914	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2915	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2916	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2917	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2918	7.76	7.76	218	0.	2.33	114.	0.008	148	0.	1.58	77.	0.005	100	0.	1.07	52.	0.004
2919	7.76	7.76	1318	0.	14.07	687.	0.047	958	0.	10.23	499.	0.034	748	0.	7.99	390.	0.027
2920	7.76	7.76	1361	0.	14.53	709.	0.049	1039	0.	11.09	541.	0.037	773	0.	8.25	403.	0.028
2921	7.76	7.76	240	0.	2.56	125.	0.009	183	0.	1.96	96.	0.007	92	0.	0.98	48.	0.003
2922	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2923	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2924	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2925	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2926	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2927	7.76	7.76	253	0.	2.70	132.	0.009	178	0.	1.90	93.	0.006	76	0.	0.82	40.	0.003
2928	7.76	7.76	1387	0.	14.80	722.	0.050	1024	0.	10.93	534.	0.037	761	0.	8.12	396.	0.027
2929	7.76	7.76	1121	0.	11.97	584.	0.040	861	0.	9.19	448.	0.031	675	0.	7.21	352.	0.024
2930	7.76	7.76	63	0.	0.68	33.	0.002	85	0.	0.91	45.	0.003	26	0.	0.27	13.	0.001
2931	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2932	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2933	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2934	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2935	7.76	7.76	185	0.	1.98	97.	0.007	156	0.	1.67	81.	0.006	87	0.	0.93	46.	0.003
2936	7.76	7.76	1302	0.	13.90	678.	0.047	1025	0.	10.94	534.	0.037	899	0.	9.59	468.	0.032
2937	7.76	7.76	1314	0.	14.03	685.	0.047	954	0.	10.18	497.	0.034	705	0.	7.52	367.	0.025
2938	7.76	7.76	59	0.	0.63	31.	0.002	130	0.	1.39	68.	0.005	61	0.	0.65	32.	0.002
2939	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2940	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2941	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2942	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2943	7.76	7.76	200	0.	2.14	104.	0.007	154	0.	1.64	80.	0.006	147	0.	1.57	77.	0.005
2944	7.76	7.76	749	0.	7.99	390.	0.027	458	0.	4.88	238.	0.016	453	0.	4.83	236.	0.016
2945	7.76	7.76	1645	0.	17.56	857.	0.059	1081	0.	11.54	563.	0.039	835	0.	8.92	435.	0.030
2946	7.76	7.76	50	0.	0.54	26.	0.002	73	0.	0.78	38.	0.003	54	0.	0.57	28.	0.002
2947	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2948	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2949	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2950	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2951	7.76	7.76	42	0.	0.45	22.	0.001	32	0.	0.34	16.	0.001	0.	0.	0.00	0.	0.000
2952	7.76	7.76	316	0.	3.37	165.	0.011	195	0.	2.08	102.	0.007	137	0.	1.47	72.	0.005
2953	7.76	7.76	1305	0.	13.93	680.	0.047	979	0.	10.44	510.	0.035	856	0.	9.14	446.	0.031
2954	7.76	7.76	194	0.	2.07	101.	0.007	109	0.	1.16	57.	0.004	126	0.	1.35	66.	0.005
2955	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2956	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2957	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2958	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2959	7.76	7.76	69	0.	0.73	36.	0.002	51	0.	0.55	27.	0.002	4	0.	0.04	2.	0.000
2960	7.76	7.76	302	0.	3.22	157.	0.011	230	0.	2.45	120.	0.008	140	0.	1.50	73.	0.005
2961	7.76	7.76	819	0.	8.74	427.	0.029	578	0.	6.17	301.	0.021	425	0.	4.53	221.	0.015
2962	7.76	7.76	205	0.	2.18	107.	0.007	164	0.	1.75	85.	0.006	144	0.	1.54	75.	0.005
2963	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2964	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2965	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2966	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2967	7.76	7.76	360	0.	3.84	187.	0.013	309	0.	3.30	161.	0.011	223	0.	2.38	116.	0.008
2968	7.76	7.76	764	0.	8.15	398.	0.027	587	0.	6.26	306.	0.021	424	0.	4.52	221.	0.015
2969	7.76	7.76	304	0.	3.25	159.	0.011	210	0.	2.24	109.	0.008	114	0.	1.21	59.	0.004
2970	7.76	7.76	60	0.	0.64	31.	0.002	47	0.	0.50	25.	0.002	19	0.	0.20	10.	0.001
2971	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2972	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2973	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2974	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2975	7.76	7.76	405	0.	4.32	211.	0.014	323	0.	3.44	168.	0.012	231	0.	2.46	120.	0.008
2976	7.76	7.76	1860	0.	19.85	969.	0.067	1429	0.	15.25	744.	0.051	1117	0.	11.92	582.	0.040
2985	7.76	7.76	282	0.	3.01	147.	0.010	196	0.	2.09	102.	0.007	114	0.	1.21	59.	0.004
2986	7.76	7.76	86	0.	0.92	45.	0.003	60	0.	0.64	31.	0.002	19	0.	0.20	10.	0.001
2987	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2988	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2989	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2990	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2991	7.76	7.76	386	0.	4.12	201.	0.014	183	0.	1.95	95.	0.007	231	0.	2.46	120.	0.008
2992	7.76	7.76	1636	0.	17.46	852.	0.058	1286	0.	13.72	670.	0.046	1117	0.	11.92	582.	0.040
2993	7.76	7.76	845	0.	9.02	440.	0.030	583	0.	6.22	304.	0.021	425	0.	4.53	221.	0.015
2994	7.76	7.76	171	0.	1.83	89.	0.006	189	0.	2.02	99.	0.007	144	0.	1.54	75.	0.005
2995	7.76	7.76	0.	0.	0.00	0.	0.000	12	0.	0.13	6.	0.000	0.	0.	0.00	0.	0.000
2996	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2997	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2998	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2999	7.76	7.76	284	0.	3.03	148.	0.010	218	0.	2.33	113.	0.008	223	0.	2.38	116.	0.008
3000	7.76	7.76	895	0.	9.56	466.	0.032	735	0.	7.84	383.	0.026	424	0.	4.52	221.	0.015
3001	7.76	7.76	1453	0.	15.51	757.	0.052	1027	0.	10.96	535.	0.037	856	0.	9.14	446.	0.031
3002	7.76	7.76	31	0.	0.33	16.	0.001	155	0.	1.65	81.	0.006	126	0.	1.35	66.	0.005
3003	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3004	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3005	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3006	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3007	7.76	7.76	66	0.	0.70	34.	0.002	48	0.	0.51	25.	0.002	4	0.	0.04	2.	0.000
3008	7.76	7.76	336	0.	3.58	175.	0.012	250	0.	2.67	130.	0.009	140	0.	1.50	73.	0.005
3009	7.76	7.76	1495	0.	15.95	779.	0.053	1066	0.	11.38	556.	0.038	835	0.	8.92	435.	0.030
3010	7.76	7.76	97	0.	1.04	51.	0.003	114	0.	1.22	60.	0.004	54	0.	0.57	28.	0.002
3011	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000

3012	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3013	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3014	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3015	7.76	7.76	39	0.	0.42	20.	0.001	32	0.	0.34	17.	0.001	0.	0.	0.00	0.	0.000
3016	7.76	7.76	290	0.	3.09	151.	0.010	224	0.	2.40	117.	0.008	137	0.	1.47	72.	0.005
3017	7.76	7.76	1168	0.	12.47	609.	0.042	852	0.	9.09	444.	0.030	705	0.	7.52	367.	0.025
3018	7.76	7.76	33	0.	0.35	17.	0.001	98	0.	1.05	51.	0.004	61	0.	0.65	32.	0.002
3019	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3020	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3021	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3022	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3023	7.76	7.76	264	0.	2.82	138.	0.009	204	0.	2.18	106.	0.007	147	0.	1.57	77.	0.005
3024	7.76	7.76	675	0.	7.20	352.	0.024	562	0.	5.99	293.	0.020	453	0.	4.83	236.	0.016
3025	7.76	7.76	1182	0.	12.62	616.	0.042	914	0.	9.75	476.	0.033	675	0.	7.21	352.	0.024
3026	7.76	7.76	147	0.	1.57	77.	0.005	105	0.	1.12	55.	0.004	26	0.	0.27	13.	0.001
3027	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3028	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3029	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3030	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3031	7.76	7.76	198	0.	2.12	103.	0.007	145	0.	1.54	75.	0.005	87	0.	0.93	46.	0.003
3032	7.76	7.76	1425	0.	15.20	742.	0.051	1095	0.	11.68	570.	0.039	899	0.	9.59	468.	0.032
3033	7.76	7.76	1293	0.	13.80	674.	0.046	1018	0.	10.86	530.	0.036	904	0.	9.65	471.	0.032
3034	7.76	7.76	177	0.	1.89	92.	0.006	160	0.	1.71	83.	0.006	100	0.	1.07	52.	0.004
3035	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3036	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3037	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3038	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3039	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	33	0.	0.36	17.	0.001
3040	7.76	7.76	1655	0.	17.66	862.	0.059	1300	0.	13.87	677.	0.046	1198	0.	12.79	624.	0.043
3041	7.76	7.76	745	0.	7.95	388.	0.027	433	0.	4.62	225.	0.015	458	0.	4.89	239.	0.016
3042	7.76	7.76	214	0.	2.28	111.	0.008	168	0.	1.79	88.	0.006	166	0.	1.77	87.	0.006
3043	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3044	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3045	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3046	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3047	7.76	7.76	247	0.	2.63	129.	0.009	186	0.	1.99	97.	0.007	204	0.	2.18	106.	0.007
3048	7.76	7.76	1042	0.	11.12	543.	0.037	803	0.	8.57	418.	0.029	670	0.	7.15	349.	0.024
3049	7.76	7.76	329	0.	3.51	171.	0.012	203	0.	2.17	106.	0.007	145	0.	1.55	76.	0.005
3050	7.76	7.76	64	0.	0.68	33.	0.002	51	0.	0.54	27.	0.002	6	0.	0.07	3.	0.000
3051	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3052	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3053	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3054	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3055	7.76	7.76	60	0.	0.64	31.	0.002	47	0.	0.50	24.	0.002	9	0.	0.09	4.	0.000
3056	7.76	7.76	382	0.	4.08	199.	0.014	292	0.	3.12	152.	0.010	167	0.	1.78	87.	0.006
3057	7.76	7.76	303	0.	3.23	158.	0.011	232	0.	2.48	121.	0.008	146	0.	1.56	76.	0.005
3058	7.76	7.76	79	0.	0.84	41.	0.003	62	0.	0.66	32.	0.002	20	0.	0.21	10.	0.001
3059	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3060	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3061	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3062	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3063	7.76	7.76	45	0.	0.48	24.	0.002	35	0.	0.37	18.	0.001	0.	0.	0.00	0.	0.000
3064	7.76	7.76	303	0.	3.24	158.	0.011	232	0.	2.48	121.	0.008	139	0.	1.48	72.	0.005
3065	7.76	7.76	683	0.	7.29	356.	0.024	527	0.	5.62	274.	0.019	422	0.	4.50	220.	0.015
3066	7.76	7.76	358	0.	3.82	186.	0.013	307	0.	3.27	160.	0.011	223	0.	2.38	116.	0.008
3067	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3068	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3069	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3070	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3071	7.76	7.76	339	0.	3.62	177.	0.012	291	0.	3.10	151.	0.010	207	0.	2.21	108.	0.007
3072	7.76	7.76	670	0.	7.16	349.	0.024	516	0.	5.51	269.	0.018	402	0.	4.29	209.	0.014
3073	7.76	7.76	1670	0.	17.83	870.	0.060	1293	0.	13.80	673.	0.046	1131	0.	12.07	589.	0.040
3074	7.76	7.76	401	0.	4.28	209.	0.014	320	0.	3.42	167.	0.011	227	0.	2.42	118.	0.008
3075	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3076	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3077	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3078	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3079	7.76	7.76	393	0.	4.19	205.	0.014	311	0.	3.32	162.	0.011	218	0.	2.33	114.	0.008
3080	7.76	7.76	1655	0.	17.66	862.	0.059	1276	0.	13.62	665.	0.046	1104	0.	11.78	575.	0.039
3089	7.76	7.76	1704	0.	18.19	888.	0.061	1363	0.	14.55	710.	0.049	1131	0.	12.07	589.	0.040
3090	7.76	7.76	382	0.	4.08	199.	0.014	178	0.	1.90	93.	0.006	227	0.	2.42	118.	0.008
3091	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3092	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3093	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3094	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3095	7.76	7.76	370	0.	3.94	193.	0.013	171	0.	1.83	89.	0.006	218	0.	2.33	114.	0.008
3096	7.76	7.76	1605	0.	17.13	836.	0.057	1234	0.	13.17	643.	0.044	1104	0.	11.78	575.	0.039
3097	7.76	7.76	817	0.	8.72	425.	0.029	733	0.	7.82	382.	0.026	422	0.	4.50	220.	0.015
3098	7.76	7.76	288	0.	3.07	150.	0.010	220	0.	2.34	114.	0.008	223	0.	2.38	116.	0.008
3099	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3100	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3101	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3102	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3103	7.76	7.76	262	0.	2.80	137.	0.009	192	0.	2.05	100.	0.007	207	0.	2.21	108.	0.007
3104	7.76	7.76	799	0.	8.53	416.	0.029	587	0.	6.26	306.	0.021	402	0.	4.29	209.	0.014
3105	7.76	7.76	332	0.	3.55	173.	0.012	248	0.	2.65	129.	0.009	146	0.	1.56	76.	0.005
3106	7.76	7.76	79	0.	0.84	41.	0.003	59	0.	0.63	31.	0.002	20	0.	0.21	10.	0.001
3107	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3108	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3109	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3110	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3111	7.76	7.76	46	0.	0.49	24.	0.002	34	0.	0.37	18.	0.001	0.	0.	0.00	0.	0.000
3112	7.76	7.76	330	0.	3.52	172.	0.012	246	0.	2.63	128.	0.009	139	0.	1.48	72.	0.005
3113	7.76	7.76	293	0.	3.13	153.	0.010	229	0.	2.44	119.	0.008	145	0.	1.55	76.	0.005
3114	7.76	7.76	61	0.	0.65	32.	0.002	50	0.	0.54	26.	0.002	6	0.	0.07	3.	0.000
3115	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3116	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3117	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3118	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3119	7.76	7.76	54	0.	0.57	28.	0.002	46	0.	0.49	24.	0.002	9	0.	0.09	4.	0.000
3120	7.76	7.76	338	0.	3.61	176.	0.012	268	0.	2.86	139.	0.010	167	0.	1.78	87.	0.006
3121	7.76	7.76	739	0.	7.89	385.	0.026	585	0.	6.24	305.	0.021	458	0.	4.89	239.	0.016

3122	7.76	7.76	289	0.	3.09	151.	0.010	222	0.	2.37	116.	0.008	166	0.	1.77	87.	0.006
3123	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3124	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3125	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3126	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3127	7.76	7.76	376	0.	4.01	196.	0.013	286	0.	3.05	149.	0.010	204	0.	2.18	106.	0.007
3128	7.76	7.76	1061	0.	11.33	553.	0.038	860	0.	9.17	448.	0.031	670	0.	7.15	349.	0.024
3129	7.76	7.76	1449	0.	15.46	755.	0.052	1132	0.	12.08	590.	0.040	904	0.	9.65	471.	0.032
3130	7.76	7.76	218	0.	2.32	113.	0.008	157	0.	1.68	82.	0.006	100	0.	1.07	52.	0.004
3131	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3132	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3133	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3134	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3135	7.76	7.76	143	0.	1.52	74.	0.005	88	0.	0.94	46.	0.003	33	0.	0.36	17.	0.001
3136	7.76	7.76	1866	0.	19.91	972.	0.067	1434	0.	15.30	747.	0.051	1198	0.	12.79	624.	0.043
3137	7.76	7.76	2354	0.	25.13	1226.	0.084	1895	0.	20.23	987.	0.068	1226	0.	13.08	639.	0.044
3138	7.76	7.76	753	0.	8.03	392.	0.027	586	0.	6.26	305.	0.021	504	0.	5.37	262.	0.018
3139	7.76	7.76	31	0.	0.33	16.	0.001	20	0.	0.21	10.	0.001	75	0.	0.80	39.	0.003
3140	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3141	7.76	7.76	1052	0.	11.23	548.	0.038	822	0.	8.77	428.	0.029	482	0.	5.14	251.	0.017
3142	7.76	7.76	376	0.	4.01	196.	0.013	291	0.	3.10	151.	0.010	257	0.	2.74	134.	0.009
3143	7.76	7.76	46	0.	0.49	24.	0.002	31	0.	0.33	16.	0.001	49	0.	0.52	26.	0.002
3144	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3145	7.76	7.76	405	0.	4.32	211.	0.014	315	0.	3.37	164.	0.011	192	0.	2.05	100.	0.007
3146	7.76	7.76	195	0.	2.08	102.	0.007	149	0.	1.59	78.	0.005	103	0.	1.10	54.	0.004
3147	7.76	7.76	39	0.	0.42	21.	0.001	28	0.	0.29	14.	0.001	23	0.	0.24	12.	0.001
3148	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3149	7.76	7.76	334	0.	3.56	174.	0.012	258	0.	2.75	134.	0.009	177	0.	1.89	92.	0.006
3150	7.76	7.76	178	0.	1.90	93.	0.006	137	0.	1.46	71.	0.005	94	0.	1.00	49.	0.003
3151	7.76	7.76	41	0.	0.43	21.	0.001	32	0.	0.34	17.	0.001	20	0.	0.22	11.	0.001
3152	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3153	7.76	7.76	737	0.	7.87	384.	0.026	568	0.	6.07	296.	0.020	429	0.	4.57	223.	0.015
3154	7.76	7.76	451	0.	4.82	235.	0.016	341	0.	3.64	178.	0.012	328	0.	3.50	171.	0.012
3155	7.76	7.76	189	0.	2.02	99.	0.007	153	0.	1.64	80.	0.005	118	0.	1.26	62.	0.004
3156	7.76	7.76	62	0.	0.67	33.	0.002	47	0.	0.50	25.	0.002	24	0.	0.26	13.	0.001
3157	7.76	7.76	1836	0.	19.60	957.	0.066	1418	0.	15.14	739.	0.051	1141	0.	12.18	594.	0.041
3158	7.76	7.76	587	0.	6.26	306.	0.021	444	0.	4.73	231.	0.016	380	0.	4.06	198.	0.014
3159	7.76	7.76	82	0.	0.88	43.	0.003	57	0.	0.61	30.	0.002	41	0.	0.44	21.	0.001
3160	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3165	7.76	7.76	1717	0.	18.33	895.	0.061	1328	0.	14.17	692.	0.047	1141	0.	12.18	594.	0.041
3166	7.76	7.76	570	0.	6.08	297.	0.020	433	0.	4.62	226.	0.015	380	0.	4.06	198.	0.014
3167	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	41	0.	0.44	21.	0.001
3168	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3169	7.76	7.76	986	0.	10.52	514.	0.035	747	0.	7.97	389.	0.027	429	0.	4.57	223.	0.015
3170	7.76	7.76	392	0.	4.19	204.	0.014	285	0.	3.05	149.	0.010	328	0.	3.50	171.	0.012
3171	7.76	7.76	161	0.	1.72	84.	0.006	121	0.	1.29	63.	0.004	118	0.	1.26	62.	0.004
3172	7.76	7.76	57	0.	0.61	30.	0.002	39	0.	0.41	20.	0.001	24	0.	0.26	13.	0.001
3173	7.76	7.76	367	0.	3.92	191.	0.013	275	0.	2.93	143.	0.010	177	0.	1.89	92.	0.006
3174	7.76	7.76	180	0.	1.92	94.	0.006	135	0.	1.44	70.	0.005	94	0.	1.00	49.	0.003
3175	7.76	7.76	55	0.	0.58	28.	0.002	39	0.	0.42	20.	0.001	20	0.	0.22	11.	0.001
3176	7.76	7.76	1	0.	0.01	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3177	7.76	7.76	369	0.	3.93	192.	0.013	291	0.	3.11	152.	0.010	192	0.	2.05	100.	0.007
3178	7.76	7.76	192	0.	2.04	100.	0.007	149	0.	1.59	78.	0.005	103	0.	1.10	54.	0.004
3179	7.76	7.76	63	0.	0.67	33.	0.002	47	0.	0.50	24.	0.002	23	0.	0.24	12.	0.001
3180	7.76	7.76	6	0.	0.06	3.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3181	7.76	7.76	988	0.	10.54	514.	0.035	784	0.	8.37	408.	0.028	482	0.	5.14	251.	0.017
3182	7.76	7.76	441	0.	4.70	230.	0.016	343	0.	3.66	179.	0.012	257	0.	2.74	134.	0.009
3183	7.76	7.76	114	0.	1.22	59.	0.004	84	0.	0.90	44.	0.003	49	0.	0.52	26.	0.002
3184	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3185	7.76	7.76	2375	0.	25.35	1237.	0.085	1911	0.	20.39	995.	0.068	1226	0.	13.08	639.	0.044
3186	7.76	7.76	784	0.	8.37	409.	0.028	588	0.	6.28	307.	0.021	504	0.	5.37	262.	0.018
3187	7.76	7.76	147	0.	1.57	76.	0.005	104	0.	1.11	54.	0.004	75	0.	0.80	39.	0.003
3188	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3197	7.76	7.76	655	0.	6.99	341.	0.023	595	0.	6.35	310.	0.021	520	0.	5.55	271.	0.019
3198	7.76	7.76	1015	0.	10.83	529.	0.036	922	0.	9.84	480.	0.033	724	0.	7.73	377.	0.026
3199	7.76	7.76	881	0.	9.41	459.	0.032	797	0.	8.51	415.	0.029	585	0.	6.25	305.	0.021
3200	7.76	7.76	501	0.	5.34	261.	0.018	453	0.	4.83	236.	0.016	451	0.	4.82	235.	0.016
3201	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3202	7.76	7.76	45	0.	0.48	24.	0.002	51	0.	0.55	27.	0.002	67	0.	0.72	35.	0.002
3203	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3204	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3205	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3206	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3207	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3208	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3209	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3210	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3211	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3212	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3213	7.76	7.76	127	0.	1.36	66.	0.005	18	0.	0.19	9.	0.001	0.	0.	0.00	0.	0.000
3214	7.76	7.76	153	0.	1.64	80.	0.005	110	0.	1.17	57.	0.004	133	0.	1.42	69.	0.005
3215	7.76	7.76	102	0.	1.09	53.	0.004	68	0.	0.72	35.	0.002	119	0.	1.27	62.	0.004
3216	7.76	7.76	72	0.	0.76	37.	0.003	45	0.	0.48	23.	0.002	46	0.	0.49	24.	0.002
3217	7.76	7.76	1462	0.	15.60	761.	0.052	1122	0.	11.97	584.	0.040	861	0.	9.18	448.	0.031
3218	7.76	7.76	1029	0.	10.98	536.	0.037	795	0.	8.49	414.	0.028	684	0.	7.30	356.	0.024
3219	7.76	7.76	482	0.	5.15	251.	0.017	373	0.	3.98	194.	0.013	328	0.	3.50	171.	0.012
3220	7.76	7.76	250	0.	2.66	130.	0.009	190	0.	2.03	99.	0.007	140	0.	1.49	73.	0.005
3221	7.76	7.76	1358	0.	14.49	707.	0.049	1066	0.	11.38	555.	0.038	859	0.	9.17	447.	0.031
3222	7.76	7.76	1160	0.	12.38	604.	0.041	900	0.	9.60	469.	0.032	693	0.	7.40	361.	0.025
3223	7.76	7.76	488	0.	5.21	254.	0.017	374	0.	3.99	195.	0.013	325	0.	3.47	169.	0.012
3224	7.76	7.76	234	0.	2.50	122.	0.008	179	0.	1.91	93.	0.006	134	0.	1.43	70.	0.005
3225	7.76	7.76	168	0.	1.79	87.	0.006	61	0.	0.65	32.	0.002	9	0.	0.09	5.	0.000
3226	7.76	7.76	296	0.	3.16	154.	0.011	234	0.	2.50	122.	0.008	179	0.	1.91	93.	0.006
3227	7.76	7.76	280	0.	2.98	146.	0.010	220	0.	2.35	115.	0.008	172	0.	1.83	89.	0.006
3228	7.76	7.76	204	0.	2.18	106.	0.007	158	0.	1.69	82.	0.006	116	0.	1.24	61.	0.004
3229	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3230	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3231	7.76	7.76	3	0.	0.03	2.	0.000	5	0.	0.05	2.	0.000	0.	0.	0.00	0.	0.000
3232	7.76	7.76	35	0.	0.38	18.	0.001	29	0.	0.31	15.	0.001	6	0.	0.07	3.	0.000
3233	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3234	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3235	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000

3236	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3237	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3238	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3239	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3240	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3241	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3242	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3243	7.76	7.76	0.	0.	0.00	0.	0.000	4	0.	0.04	2.	0.000	0.	0.	0.00	0.	0.000
3244	7.76	7.76	10	0.	0.10	5.	0.000	30	0.	0.32	15.	0.001	6	0.	0.07	3.	0.000
3245	7.76	7.76	171	0.	1.83	89.	0.006	58	0.	0.62	30.	0.002	6	0.	0.06	3.	0.000
3246	7.76	7.76	305	0.	3.26	159.	0.011	236	0.	2.52	123.	0.008	179	0.	1.91	93.	0.006
3247	7.76	7.76	293	0.	3.12	152.	0.010	225	0.	2.41	117.	0.008	175	0.	1.86	91.	0.006
3248	7.76	7.76	218	0.	2.33	114.	0.008	168	0.	1.79	88.	0.006	124	0.	1.32	64.	0.004
3249	7.76	7.76	1469	0.	15.68	765.	0.053	1130	0.	12.06	589.	0.040	878	0.	9.37	457.	0.031
3250	7.76	7.76	1044	0.	11.15	544.	0.037	809	0.	8.63	421.	0.029	706	0.	7.54	368.	0.025
3251	7.76	7.76	474	0.	5.06	247.	0.017	368	0.	3.93	192.	0.013	352	0.	3.75	183.	0.013
3252	7.76	7.76	263	0.	2.81	137.	0.009	203	0.	2.16	106.	0.007	168	0.	1.80	88.	0.006
3253	7.76	7.76	1385	0.	14.78	722.	0.050	1088	0.	11.61	567.	0.039	877	0.	9.36	457.	0.031
3254	7.76	7.76	1183	0.	12.63	616.	0.042	919	0.	9.81	479.	0.033	709	0.	7.57	369.	0.025
3255	7.76	7.76	567	0.	6.05	295.	0.020	440	0.	4.69	229.	0.016	356	0.	3.80	185.	0.013
3256	7.76	7.76	282	0.	3.01	147.	0.010	217	0.	2.32	113.	0.008	174	0.	1.86	91.	0.006
3257	7.76	7.76	167	0.	1.78	87.	0.006	59	0.	0.63	31.	0.002	6	0.	0.06	3.	0.000
3258	7.76	7.76	303	0.	3.23	158.	0.011	238	0.	2.54	124.	0.009	182	0.	1.95	95.	0.007
3259	7.76	7.76	294	0.	3.14	153.	0.011	230	0.	2.46	120.	0.008	182	0.	1.94	95.	0.006
3260	7.76	7.76	225	0.	2.40	117.	0.008	175	0.	1.86	91.	0.006	132	0.	1.41	69.	0.005
3261	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3262	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3263	7.76	7.76	14	0.	0.15	7.	0.000	12	0.	0.13	6.	0.000	0.	0.	0.00	0.	0.000
3264	7.76	7.76	52	0.	0.55	27.	0.002	40	0.	0.43	21.	0.001	19	0.	0.20	10.	0.001
3265	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3266	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3267	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3268	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3269	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3270	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3271	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3272	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3273	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3274	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3275	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3276	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3277	7.76	7.76	176	0.	1.88	92.	0.006	132	0.	1.40	69.	0.005	92	0.	0.98	48.	0.003
3278	7.76	7.76	241	0.	2.58	126.	0.009	184	0.	1.97	96.	0.007	128	0.	1.37	67.	0.005
3279	7.76	7.76	148	0.	1.57	77.	0.005	111	0.	1.19	58.	0.004	74	0.	0.78	38.	0.003
3280	7.76	7.76	54	0.	0.58	28.	0.002	35	0.	0.37	18.	0.001	22	0.	0.23	11.	0.001
3281	7.76	7.76	1123	0.	11.98	585.	0.040	860	0.	9.17	448.	0.031	727	0.	7.76	379.	0.026
3282	7.76	7.76	674	0.	7.19	351.	0.024	522	0.	5.57	272.	0.019	421	0.	4.50	219.	0.015
3283	7.76	7.76	218	0.	2.32	113.	0.008	164	0.	1.76	86.	0.006	84	0.	0.90	44.	0.003
3284	7.76	7.76	25	0.	0.27	13.	0.001	14	0.	0.15	7.	0.001	0.	0.	0.00	0.	0.000
3293	7.76	7.76	411	0.	4.39	214.	0.015	390	0.	4.17	203.	0.014	451	0.	4.82	235.	0.016
3294	7.76	7.76	749	0.	8.00	390.	0.027	682	0.	7.28	355.	0.024	585	0.	6.25	305.	0.021
3295	7.76	7.76	1009	0.	10.77	526.	0.036	915	0.	9.77	477.	0.033	724	0.	7.73	377.	0.026
3296	7.76	7.76	740	0.	7.90	385.	0.026	669	0.	7.14	349.	0.024	520	0.	5.55	271.	0.019
3297	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3298	7.76	7.76	28	0.	0.30	15.	0.001	46	0.	0.49	24.	0.002	0.	0.	0.00	0.	0.000
3299	7.76	7.76	131	0.	1.39	68.	0.005	137	0.	1.46	71.	0.005	67	0.	0.72	35.	0.002
3300	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3301	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3302	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3303	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3304	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3305	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3306	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3307	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3308	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3309	7.76	7.76	85	0.	0.90	44.	0.003	52	0.	0.55	27.	0.002	46	0.	0.49	24.	0.002
3310	7.76	7.76	100	0.	1.07	52.	0.004	67	0.	0.72	35.	0.002	119	0.	1.27	62.	0.004
3311	7.76	7.76	130	0.	1.39	68.	0.005	99	0.	1.06	52.	0.004	133	0.	1.42	69.	0.005
3312	7.76	7.76	86	0.	0.91	45.	0.003	67	0.	0.71	35.	0.002	0.	0.	0.00	0.	0.000
3313	7.76	7.76	360	0.	3.84	187.	0.013	267	0.	2.85	139.	0.010	140	0.	1.49	73.	0.005
3314	7.76	7.76	610	0.	6.51	318.	0.022	485	0.	5.17	252.	0.017	328	0.	3.50	171.	0.012
3315	7.76	7.76	1023	0.	10.91	533.	0.037	805	0.	8.59	419.	0.029	684	0.	7.30	356.	0.024
3316	7.76	7.76	1494	0.	15.94	778.	0.053	1119	0.	11.94	583.	0.040	861	0.	9.18	448.	0.031
3317	7.76	7.76	344	0.	3.67	179.	0.012	249	0.	2.66	130.	0.009	134	0.	1.43	70.	0.005
3318	7.76	7.76	575	0.	6.14	300.	0.021	488	0.	5.20	254.	0.017	325	0.	3.47	169.	0.012
3319	7.76	7.76	996	0.	10.63	519.	0.036	808	0.	8.62	421.	0.029	693	0.	7.40	361.	0.025
3320	7.76	7.76	1383	0.	14.76	720.	0.049	1059	0.	11.30	552.	0.038	859	0.	9.17	447.	0.031
3321	7.76	7.76	199	0.	2.12	104.	0.007	148	0.	1.58	77.	0.005	116	0.	1.24	61.	0.004
3322	7.76	7.76	243	0.	2.59	126.	0.009	183	0.	1.96	96.	0.007	172	0.	1.83	89.	0.006
3323	7.76	7.76	279	0.	2.97	145.	0.010	169	0.	1.80	88.	0.006	179	0.	1.91	93.	0.006
3324	7.76	7.76	170	0.	1.81	89.	0.006	107	0.	1.14	56.	0.004	9	0.	0.09	5.	0.000
3325	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	6	0.	0.07	3.	0.000
3326	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3327	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3328	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3329	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3330	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3331	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3332	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3333	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3334	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3335	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3336	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3337	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	6	0.	0.07	3.	0.000
3338	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3339	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3340	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3341	7.76	7.76	208	0.	2.21	108.	0.007	155	0.	1.65	81.	0.006	124	0.	1.32	64.	0.004
3342	7.76	7.76	249	0.	2.66	130.	0.009	188	0.	2.01	98.	0.007	175	0.	1.86	91.	0.006
3343	7.76	7.76	282	0.	3.01	147.	0.010	170	0.	1.82	89.	0.006	179	0.	1.91	93.	0.006
3344	7.76	7.76	181	0.	1.93	94.	0.006	109	0.	1.17	57.	0.004	6	0.	0.06	3.	0.000
3345	7.76	7.76	384	0.	4.10	200.	0.014	289	0.	3.09	151.	0.010	168	0.	1.80	88.	0.006

3346	7.76	7.76	602	0.	6.42	313.	0.022	505	0.	5.39	263.	0.018	352	0.	3.75	183.	0.013
3347	7.76	7.76	1021	0.	10.90	532.	0.037	824	0.	8.79	429.	0.029	706	0.	7.54	368.	0.025
3348	7.76	7.76	1498	0.	15.99	781.	0.054	1126	0.	12.02	587.	0.040	878	0.	9.37	457.	0.031
3349	7.76	7.76	390	0.	4.17	203.	0.014	294	0.	3.14	153.	0.011	174	0.	1.86	91.	0.006
3350	7.76	7.76	631	0.	6.74	329.	0.023	509	0.	5.43	265.	0.018	356	0.	3.80	185.	0.013
3351	7.76	7.76	1040	0.	11.10	542.	0.037	825	0.	8.80	430.	0.029	709	0.	7.57	369.	0.025
3352	7.76	7.76	1408	0.	15.03	734.	0.050	1080	0.	11.52	563.	0.039	877	0.	9.36	457.	0.031
3353	7.76	7.76	217	0.	2.32	113.	0.008	155	0.	1.65	81.	0.006	132	0.	1.41	69.	0.005
3354	7.76	7.76	256	0.	2.74	134.	0.009	186	0.	1.98	97.	0.007	182	0.	1.94	95.	0.006
3355	7.76	7.76	286	0.	3.05	149.	0.010	173	0.	1.84	90.	0.006	182	0.	1.95	95.	0.007
3356	7.76	7.76	170	0.	1.82	89.	0.006	105	0.	1.12	55.	0.004	6	0.	0.06	3.	0.000
3357	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	19	0.	0.20	10.	0.001
3358	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3359	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3360	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3361	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3362	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3363	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3364	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3365	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3366	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3367	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3368	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3369	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3370	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3371	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3372	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3373	7.76	7.76	68	0.	0.73	35.	0.002	48	0.	0.51	25.	0.002	22	0.	0.23	11.	0.001
3374	7.76	7.76	125	0.	1.34	65.	0.004	94	0.	1.00	49.	0.003	74	0.	0.78	38.	0.003
3375	7.76	7.76	182	0.	1.94	95.	0.007	116	0.	1.24	60.	0.004	128	0.	1.37	67.	0.005
3376	7.76	7.76	195	0.	2.08	102.	0.007	130	0.	1.39	68.	0.005	92	0.	0.98	48.	0.003
3377	7.76	7.76	55	0.	0.59	29.	0.002	33	0.	0.35	17.	0.001	0.	0.	0.00	0.	0.000
3378	7.76	7.76	259	0.	2.77	135.	0.009	187	0.	2.00	98.	0.007	84	0.	0.90	44.	0.003
3379	7.76	7.76	705	0.	7.52	367.	0.025	540	0.	5.77	281.	0.019	421	0.	4.50	219.	0.015
3380	7.76	7.76	1060	0.	11.31	552.	0.038	821	0.	8.76	427.	0.029	727	0.	7.76	379.	0.026
3399	7.76	7.76	1058	0.	11.29	551.	0.038	831	0.	8.87	433.	0.030	713	0.	7.61	371.	0.025
3400	7.76	7.76	660	0.	7.04	344.	0.024	512	0.	5.46	267.	0.018	414	0.	4.42	216.	0.015
3401	7.76	7.76	212	0.	2.26	110.	0.008	154	0.	1.65	80.	0.006	82	0.	0.88	43.	0.003
3402	7.76	7.76	22	0.	0.24	12.	0.001	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3403	7.76	7.76	195	0.	2.08	101.	0.007	152	0.	1.62	79.	0.005	87	0.	0.93	45.	0.003
3404	7.76	7.76	230	0.	2.45	120.	0.008	179	0.	1.91	93.	0.006	125	0.	1.33	65.	0.004
3405	7.76	7.76	141	0.	1.51	74.	0.005	109	0.	1.16	57.	0.004	72	0.	0.77	38.	0.003
3406	7.76	7.76	50	0.	0.54	26.	0.002	33	0.	0.35	17.	0.001	21	0.	0.23	11.	0.001
3407	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3408	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3409	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3410	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3411	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3412	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3413	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3414	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3415	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3416	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3417	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3418	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3419	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3420	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3421	7.76	7.76	18	0.	0.19	9.	0.001	11	0.	0.12	6.	0.000	0.	0.	0.00	0.	0.000
3422	7.76	7.76	54	0.	0.58	28.	0.002	40	0.	0.43	21.	0.001	18	0.	0.19	9.	0.001
3423	7.76	7.76	169	0.	1.80	88.	0.006	56	0.	0.59	29.	0.002	3	0.	0.03	2.	0.000
3424	7.76	7.76	306	0.	3.27	160.	0.011	236	0.	2.52	123.	0.008	179	0.	1.92	93.	0.006
3425	7.76	7.76	301	0.	3.21	157.	0.011	231	0.	2.46	120.	0.008	181	0.	1.93	94.	0.006
3426	7.76	7.76	230	0.	2.45	120.	0.008	176	0.	1.88	92.	0.006	132	0.	1.41	69.	0.005
3427	7.76	7.76	1452	0.	15.49	756.	0.052	1118	0.	11.93	582.	0.040	869	0.	9.27	453.	0.031
3428	7.76	7.76	1097	0.	11.70	571.	0.039	848	0.	9.05	442.	0.030	704	0.	7.52	367.	0.025
3429	7.76	7.76	568	0.	6.06	296.	0.020	441	0.	4.71	230.	0.016	358	0.	3.82	186.	0.013
3430	7.76	7.76	289	0.	3.09	151.	0.010	223	0.	2.38	116.	0.008	181	0.	1.93	94.	0.006
3431	7.76	7.76	1314	0.	14.02	684.	0.047	1047	0.	11.17	545.	0.037	852	0.	9.09	444.	0.030
3432	7.76	7.76	1041	0.	11.11	542.	0.037	820	0.	8.75	427.	0.029	663	0.	7.07	345.	0.024
3433	7.76	7.76	355	0.	3.79	185.	0.013	248	0.	2.64	129.	0.009	172	0.	1.84	90.	0.006
3434	7.76	7.76	401	0.	4.28	209.	0.014	319	0.	3.40	166.	0.011	235	0.	2.51	122.	0.008
3435	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3436	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3437	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3438	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3439	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3440	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3441	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3442	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3443	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3444	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3445	7.76	7.76	379	0.	4.04	197.	0.014	285	0.	3.04	148.	0.010	168	0.	1.80	88.	0.006
3446	7.76	7.76	420	0.	4.49	219.	0.015	323	0.	3.45	168.	0.012	235	0.	2.51	122.	0.008
3447	7.76	7.76	1369	0.	14.61	713.	0.049	998	0.	10.65	520.	0.036	855	0.	9.13	446.	0.031
3448	7.76	7.76	1057	0.	11.28	551.	0.038	825	0.	8.81	430.	0.030	665	0.	7.09	346.	0.024
3449	7.76	7.76	1378	0.	14.71	718.	0.049	1082	0.	11.55	564.	0.039	873	0.	9.32	455.	0.031
3450	7.76	7.76	1116	0.	11.91	581.	0.040	868	0.	9.26	452.	0.031	704	0.	7.52	367.	0.025
3451	7.76	7.76	479	0.	5.11	250.	0.017	372	0.	3.97	194.	0.013	356	0.	3.80	185.	0.013
3452	7.76	7.76	272	0.	2.91	142.	0.010	211	0.	2.25	110.	0.008	176	0.	1.88	92.	0.006
3453	7.76	7.76	175	0.	1.86	91.	0.006	67	0.	0.71	35.	0.002	13	0.	0.14	7.	0.000
3454	7.76	7.76	305	0.	3.25	159.	0.011	240	0.	2.56	125.	0.009	184	0.	1.97	96.	0.007
3455	7.76	7.76	293	0.	3.13	153.	0.010	230	0.	2.46	120.	0.008	182	0.	1.94	95.	0.007
3456	7.76	7.76	226	0.	2.41	118.	0.008	176	0.	1.87	91.	0.006	134	0.	1.43	70.	0.005
3457	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3458	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3459	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3460	7.76	7.76	8	0.	0.08	4.	0.000	8	0.	0.08	4.	0.000	10	0.	0.10	5.	0.000
3461	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3462	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3463	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3464	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3465	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000

3466	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3467	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3468	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3469	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3470	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3471	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3472	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3473	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3474	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3475	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3476	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3477	7.76	7.76	1391	0.	14.84	725.	0.050	1066	0.	11.38	555.	0.038	518	0.	5.53	270.	0.019
3478	7.76	7.76	484	0.	5.17	252.	0.017	363	0.	3.87	189.	0.013	198	0.	2.11	103.	0.007
3479	7.76	7.76	183	0.	1.95	95.	0.007	93	0.	1.00	49.	0.003	89	0.	0.95	46.	0.003
3480	7.76	7.76	39	0.	0.41	20.	0.001	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3481	7.76	7.76	391	0.	4.17	204.	0.014	293	0.	3.13	153.	0.010	176	0.	1.88	92.	0.006
3482	7.76	7.76	603	0.	6.44	314.	0.022	506	0.	5.40	264.	0.018	356	0.	3.80	185.	0.013
3483	7.76	7.76	1015	0.	10.84	529.	0.036	820	0.	8.75	427.	0.029	704	0.	7.52	367.	0.025
3484	7.76	7.76	1404	0.	14.99	732.	0.050	1075	0.	11.48	560.	0.038	873	0.	9.32	455.	0.031
3485	7.76	7.76	219	0.	2.33	114.	0.008	156	0.	1.67	81.	0.006	134	0.	1.43	70.	0.005
3486	7.76	7.76	258	0.	2.75	134.	0.009	187	0.	2.00	97.	0.007	182	0.	1.94	95.	0.007
3487	7.76	7.76	288	0.	3.08	150.	0.010	175	0.	1.87	91.	0.006	184	0.	1.97	96.	0.007
3488	7.76	7.76	178	0.	1.90	93.	0.006	112	0.	1.19	58.	0.004	13	0.	0.14	7.	0.000
3489	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	10	0.	0.10	5.	0.000
3490	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3491	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3492	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3493	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3494	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3495	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3496	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3497	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3498	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3499	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3500	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3501	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3502	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3503	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3504	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3505	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3506	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3507	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3508	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3509	7.76	7.76	30	0.	0.32	16.	0.001	15	0.	0.16	8.	0.001	0.	0.	0.00	0.	0.000
3510	7.76	7.76	154	0.	1.64	80.	0.006	108	0.	1.15	56.	0.004	89	0.	0.95	46.	0.003
3511	7.76	7.76	293	0.	3.13	153.	0.010	225	0.	2.40	117.	0.008	198	0.	2.11	103.	0.007
3512	7.76	7.76	1449	0.	15.47	755.	0.052	1065	0.	11.37	555.	0.038	518	0.	5.53	270.	0.019
3513	7.76	7.76	66	0.	0.71	35.	0.002	32	0.	0.34	16.	0.001	0.	0.	0.00	0.	0.000
3514	7.76	7.76	251	0.	2.68	131.	0.009	183	0.	1.95	95.	0.007	82	0.	0.88	43.	0.003
3515	7.76	7.76	685	0.	7.31	357.	0.025	527	0.	5.63	275.	0.019	414	0.	4.42	216.	0.015
3516	7.76	7.76	1023	0.	10.92	533.	0.037	792	0.	8.45	413.	0.028	713	0.	7.61	371.	0.025
3517	7.76	7.76	67	0.	0.72	35.	0.002	47	0.	0.51	25.	0.002	21	0.	0.23	11.	0.001
3518	7.76	7.76	122	0.	1.30	64.	0.004	92	0.	0.98	48.	0.003	72	0.	0.77	38.	0.003
3519	7.76	7.76	176	0.	1.88	92.	0.006	133	0.	1.42	69.	0.005	125	0.	1.33	65.	0.004
3520	7.76	7.76	186	0.	1.99	97.	0.007	139	0.	1.48	72.	0.005	87	0.	0.93	45.	0.003
3521	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3522	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3523	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3524	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3525	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3526	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3527	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3528	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3529	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3530	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3531	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3532	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3533	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	18	0.	0.19	9.	0.001
3534	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3535	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3536	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3537	7.76	7.76	218	0.	2.33	114.	0.008	156	0.	1.66	81.	0.006	132	0.	1.41	69.	0.005
3538	7.76	7.76	254	0.	2.71	132.	0.009	185	0.	1.97	96.	0.007	181	0.	1.93	94.	0.006
3539	7.76	7.76	281	0.	3.00	146.	0.010	169	0.	1.81	88.	0.006	179	0.	1.92	93.	0.006
3540	7.76	7.76	177	0.	1.89	92.	0.006	105	0.	1.12	55.	0.004	3	0.	0.03	2.	0.000
3541	7.76	7.76	395	0.	4.21	206.	0.014	297	0.	3.17	155.	0.011	181	0.	1.93	94.	0.006
3542	7.76	7.76	633	0.	6.76	330.	0.023	508	0.	5.42	265.	0.018	358	0.	3.82	186.	0.013
3543	7.76	7.76	1034	0.	11.03	538.	0.037	818	0.	8.73	426.	0.029	704	0.	7.52	367.	0.025
3544	7.76	7.76	1485	0.	15.85	774.	0.053	1115	0.	11.90	581.	0.040	869	0.	9.27	453.	0.031
3545	7.76	7.76	1021	0.	10.90	532.	0.037	775	0.	8.27	404.	0.028	663	0.	7.07	345.	0.024
3546	7.76	7.76	1267	0.	13.52	660.	0.045	933	0.	9.95	486.	0.033	852	0.	9.09	444.	0.030
3547	7.76	7.76	370	0.	3.94	193.	0.013	289	0.	3.08	151.	0.010	235	0.	2.51	122.	0.008
3548	7.76	7.76	361	0.	3.86	188.	0.013	281	0.	3.00	146.	0.010	172	0.	1.84	90.	0.006
3549	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3550	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3551	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3552	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3553	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3554	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3555	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3556	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3557	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3558	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3559	7.76	7.76	372	0.	3.97	194.	0.013	289	0.	3.09	151.	0.010	235	0.	2.51	122.	0.008
3560	7.76	7.76	370	0.	3.95	193.	0.013	279	0.	2.98	145.	0.010	168	0.	1.80	88.	0.006
3561	7.76	7.76	1031	0.	11.01	537.	0.037	779	0.	8.32	406.	0.028	665	0.	7.09	346.	0.024
3562	7.76	7.76	1291	0.	13.78	673.	0.046	941	0.	10.04	490.	0.034	855	0.	9.13	446.	0.031
3563	7.76	7.76	669	0.	7.14	348.	0.024	619	0.	6.61	322.	0.022	541	0.	5.77	282.	0.019
3564	7.76	7.76	727	0.	7.76	379.	0.026	662	0.	7.06	345.	0.024	556	0.	5.94	290.	0.020
3565	7.76	7.76	0.	0.	0.00	0.	0.000	20	0.	0.21	10.	0.001	9	0.	0.09	4.	0.000
3566	7.76	7.76	72	0.	0.77	38.	0.003	83	0.	0.88	43.	0.003	0.	0.	0.00	0.	0.000
3567	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000

3568	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3569	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3570	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3571	7.76	7.76	73	0.	0.78	38.	0.003	43	0.	0.46	22.	0.002	0.	0.	0.00	0.	0.000
3572	7.76	7.76	53	0.	0.57	28.	0.002	43	0.	0.46	22.	0.002	0.	0.	0.00	0.	0.000
3573	7.76	7.76	2331	0.	24.88	1214.	0.083	1771	0.	18.90	923.	0.063	1331	0.	14.20	693.	0.048
3574	7.76	7.76	2152	0.	22.96	1121.	0.077	1647	0.	17.58	858.	0.059	1220	0.	13.02	636.	0.044
3575	7.76	7.76	2133	0.	22.77	1111.	0.076	1617	0.	17.26	842.	0.058	1197	0.	12.78	624.	0.043
3576	7.76	7.76	2203	0.	23.51	1147.	0.079	1706	0.	18.21	889.	0.061	1303	0.	13.91	679.	0.047
3577	7.76	7.76	84	0.	0.89	44.	0.003	61	0.	0.65	32.	0.002	0.	0.	0.00	0.	0.000
3578	7.76	7.76	226	0.	2.41	118.	0.008	61	0.	0.65	32.	0.002	0.	0.	0.00	0.	0.000
3579	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3580	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3581	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3582	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3583	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3584	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3585	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3586	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3587	7.76	7.76	123	0.	1.31	64.	0.004	88	0.	0.94	46.	0.003	16	0.	0.17	8.	0.001
3588	7.76	7.76	267	0.	2.85	139.	0.010	88	0.	0.94	46.	0.003	0.	0.	0.00	0.	0.000
3589	7.76	7.76	2291	0.	24.45	1194.	0.082	1745	0.	18.62	909.	0.062	1292	0.	13.79	673.	0.046
3590	7.76	7.76	2416	0.	25.78	1259.	0.086	1855	0.	19.80	966.	0.066	1408	0.	15.03	734.	0.050
3591	7.76	7.76	2241	0.	23.92	1168.	0.080	1719	0.	18.34	895.	0.061	1305	0.	13.93	680.	0.047
3592	7.76	7.76	2117	0.	22.59	1103.	0.076	1626	0.	17.36	847.	0.058	1222	0.	13.04	637.	0.044
3593	7.76	7.76	98	0.	1.05	51.	0.004	72	0.	0.77	37.	0.003	0.	0.	0.00	0.	0.000
3594	7.76	7.76	242	0.	2.58	126.	0.009	72	0.	0.77	38.	0.003	8	0.	0.08	4.	0.000
3595	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3596	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3597	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3598	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3599	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3600	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3601	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3602	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3603	7.76	7.76	12	0.	0.13	6.	0.000	7	0.	0.07	3.	0.000	0.	0.	0.00	0.	0.000
3604	7.76	7.76	24	0.	0.25	12.	0.001	19	0.	0.20	10.	0.001	0.	0.	0.00	0.	0.000
3605	7.76	7.76	167	0.	1.79	87.	0.006	120	0.	1.28	63.	0.004	66	0.	0.71	35.	0.002
3606	7.76	7.76	156	0.	1.66	81.	0.006	117	0.	1.25	61.	0.004	67	0.	0.71	35.	0.002
3607	7.76	7.76	182	0.	1.95	95.	0.007	133	0.	1.42	69.	0.005	80	0.	0.85	42.	0.003
3608	7.76	7.76	167	0.	1.79	87.	0.006	127	0.	1.36	66.	0.005	80	0.	0.85	42.	0.003
3609	7.76	7.76	60	0.	0.64	31.	0.002	43	0.	0.46	22.	0.002	13	0.	0.14	7.	0.000
3610	7.76	7.76	66	0.	0.71	35.	0.002	52	0.	0.55	27.	0.002	15	0.	0.16	8.	0.001
3611	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3612	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3613	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3614	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3615	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3616	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3617	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3618	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3619	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3620	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3621	7.76	7.76	67	0.	0.72	35.	0.002	45	0.	0.48	23.	0.002	14	0.	0.15	7.	0.000
3622	7.76	7.76	79	0.	0.84	41.	0.003	55	0.	0.59	29.	0.002	16	0.	0.17	8.	0.001
3623	7.76	7.76	182	0.	1.94	95.	0.007	127	0.	1.36	66.	0.005	74	0.	0.79	38.	0.003
3624	7.76	7.76	174	0.	1.86	91.	0.006	123	0.	1.31	64.	0.004	73	0.	0.78	38.	0.003
3625	7.76	7.76	149	0.	1.59	78.	0.005	103	0.	1.10	54.	0.004	53	0.	0.57	28.	0.002
3626	7.76	7.76	150	0.	1.60	78.	0.005	106	0.	1.13	55.	0.004	54	0.	0.57	28.	0.002
3627	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3628	7.76	7.76	3	0.	0.03	2.	0.000	6	0.	0.06	3.	0.000	0.	0.	0.00	0.	0.000
3629	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3630	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3631	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3632	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3633	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3634	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3635	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3636	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3637	7.76	7.76	112	0.	1.19	58.	0.004	79	0.	0.84	41.	0.003	13	0.	0.14	7.	0.000
3638	7.76	7.76	250	0.	2.67	130.	0.009	79	0.	0.84	41.	0.003	0.	0.	0.00	0.	0.000
3639	7.76	7.76	2260	0.	24.12	1177.	0.081	1731	0.	18.47	902.	0.062	1309	0.	13.97	682.	0.047
3640	7.76	7.76	2143	0.	22.87	1116.	0.077	1632	0.	17.42	850.	0.058	1224	0.	13.07	638.	0.044
3641	7.76	7.76	2206	0.	23.55	1149.	0.079	1687	0.	18.00	879.	0.060	1252	0.	13.36	652.	0.045
3642	7.76	7.76	2322	0.	24.78	1210.	0.083	1790	0.	19.11	933.	0.064	1363	0.	14.55	710.	0.049
3643	7.76	7.76	106	0.	1.14	55.	0.004	78	0.	0.83	41.	0.003	10	0.	0.10	5.	0.000
3644	7.76	7.76	251	0.	2.68	131.	0.009	79	0.	0.84	41.	0.003	0.	0.	0.00	0.	0.000
3645	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3646	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3647	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3648	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3649	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3650	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3651	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3652	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3653	7.76	7.76	110	0.	1.18	57.	0.004	78	0.	0.83	41.	0.003	9	0.	0.10	5.	0.000
3654	7.76	7.76	247	0.	2.64	129.	0.009	78	0.	0.83	41.	0.003	0.	0.	0.00	0.	0.000
3655	7.76	7.76	2336	0.	24.93	1217.	0.084	1778	0.	18.98	926.	0.064	1343	0.	14.33	700.	0.048
3656	7.76	7.76	2157	0.	23.02	1124.	0.077	1655	0.	17.66	862.	0.059	1232	0.	13.15	642.	0.044
3657	7.76	7.76	2321	0.	24.77	1209.	0.083	1770	0.	18.89	922.	0.063	1379	0.	14.72	719.	0.049
3658	7.76	7.76	2157	0.	23.03	1124.	0.077	1666	0.	17.79	868.	0.060	1293	0.	13.80	673.	0.046
3659	7.76	7.76	327	0.	3.49	170.	0.012	244	0.	2.61	127.	0.009	141	0.	1.51	73.	0.005
3660	7.76	7.76	439	0.	4.68	229.	0.016	335	0.	3.58	175.	0.012	174	0.	1.85	90.	0.006
3661	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3662	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3663	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3664	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000

ARMATURA SUPERIORE ORIZZONTALE

			COMBINAZIONE RARA					COMBINAZIONE FREQUENTE					COMBINAZIONE QUASI PERMANENTE				
GUSCI	Af	Afc	Mom	Nor	sigC	sigF	WkR	Mom	Nor	sigC	sigF	WkF	Mom	Nor	sigC	sigF	WkP

2502	7.73	7.73	700	0.	7.49	366.	0.025	643	0.	6.88	336.	0.023	591	0.	6.32	309.	0.021
2503	7.73	7.73	449	0.	4.80	235.	0.016	410	0.	4.39	214.	0.015	355	0.	3.80	186.	0.013
2504	7.73	7.73	202	0.	2.16	106.	0.007	180	0.	1.93	94.	0.006	179	0.	1.91	93.	0.006
2505	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	71	0.	0.76	37.	0.003
2506	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2507	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2510	7.73	7.73	441	0.	4.72	231.	0.016	390	0.	4.17	204.	0.014	345	0.	3.69	180.	0.012
2511	7.73	7.73	266	0.	2.84	139.	0.010	227	0.	2.42	119.	0.008	257	0.	2.75	134.	0.009
2512	7.73	7.73	256	0.	2.74	134.	0.009	198	0.	2.12	104.	0.007	211	0.	2.26	110.	0.008
2513	7.73	7.73	360	0.	3.85	188.	0.013	264	0.	2.83	138.	0.010	237	0.	2.54	124.	0.009
2514	7.73	7.73	440	0.	4.71	230.	0.016	340	0.	3.64	178.	0.012	311	0.	3.33	163.	0.011
2515	7.73	7.73	323	0.	3.45	169.	0.012	242	0.	2.59	127.	0.009	213	0.	2.28	112.	0.008
2518	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2519	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2520	7.73	7.73	180	0.	1.92	94.	0.006	138	0.	1.48	72.	0.005	113	0.	1.21	59.	0.004
2521	7.73	7.73	378	0.	4.04	197.	0.014	296	0.	3.17	155.	0.011	223	0.	2.38	117.	0.008
2522	7.73	7.73	540	0.	5.77	282.	0.019	421	0.	4.50	220.	0.015	351	0.	3.75	184.	0.013
2523	7.73	7.73	570	0.	6.09	298.	0.021	445	0.	4.76	233.	0.016	406	0.	4.34	212.	0.015
2526	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2527	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2528	7.73	7.73	216	0.	2.31	113.	0.008	166	0.	1.78	87.	0.006	107	0.	1.14	56.	0.004
2529	7.73	7.73	391	0.	4.18	204.	0.014	329	0.	3.52	172.	0.012	245	0.	2.62	128.	0.009
2530	7.73	7.73	575	0.	6.15	301.	0.021	459	0.	4.91	240.	0.017	389	0.	4.16	203.	0.014
2531	7.73	7.73	621	0.	6.64	325.	0.022	487	0.	5.21	255.	0.018	442	0.	4.73	231.	0.016
2534	7.73	7.73	239	0.	2.55	125.	0.009	232	0.	2.48	121.	0.008	201	0.	2.15	105.	0.007
2535	7.73	7.73	223	0.	2.38	117.	0.008	193	0.	2.06	101.	0.007	219	0.	2.34	114.	0.008
2536	7.73	7.73	305	0.	3.26	160.	0.011	246	0.	2.63	129.	0.009	235	0.	2.51	123.	0.008
2537	7.73	7.73	484	0.	5.17	253.	0.017	380	0.	4.07	199.	0.014	311	0.	3.33	163.	0.011
2538	7.73	7.73	611	0.	6.54	320.	0.022	478	0.	5.11	250.	0.017	432	0.	4.62	226.	0.016
2539	7.73	7.73	493	0.	5.27	258.	0.018	391	0.	4.18	204.	0.014	354	0.	3.78	185.	0.013
2542	7.73	7.73	757	0.	8.09	396.	0.027	694	0.	7.42	363.	0.025	653	0.	6.99	342.	0.024
2543	7.73	7.73	467	0.	5.00	244.	0.017	423	0.	4.53	221.	0.015	378	0.	4.04	198.	0.014
2544	7.73	7.73	254	0.	2.71	133.	0.009	221	0.	2.37	116.	0.008	225	0.	2.40	118.	0.008
2545	7.73	7.73	101	0.	1.08	53.	0.004	94	0.	1.01	49.	0.003	165	0.	1.76	86.	0.006
2546	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	130	0.	1.39	68.	0.005
2547	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2558	7.73	7.73	764	0.	8.17	399.	0.028	694	0.	7.42	363.	0.025	653	0.	6.99	342.	0.024
2559	7.73	7.73	474	0.	5.07	248.	0.017	425	0.	4.54	222.	0.015	378	0.	4.04	198.	0.014
2560	7.73	7.73	261	0.	2.79	136.	0.009	224	0.	2.39	117.	0.008	225	0.	2.40	118.	0.008
2561	7.73	7.73	121	0.	1.30	63.	0.004	101	0.	1.08	53.	0.004	165	0.	1.76	86.	0.006
2562	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	130	0.	1.39	68.	0.005
2563	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2566	7.73	7.73	261	0.	2.79	137.	0.009	236	0.	2.52	123.	0.008	201	0.	2.15	105.	0.007
2567	7.73	7.73	234	0.	2.50	122.	0.008	196	0.	2.10	103.	0.007	219	0.	2.34	114.	0.008
2568	7.73	7.73	309	0.	3.30	161.	0.011	247	0.	2.64	129.	0.009	235	0.	2.51	123.	0.008
2569	7.73	7.73	485	0.	5.18	253.	0.017	380	0.	4.07	199.	0.014	311	0.	3.33	163.	0.011
2570	7.73	7.73	615	0.	6.58	322.	0.022	479	0.	5.13	251.	0.017	432	0.	4.62	226.	0.016
2571	7.73	7.73	499	0.	5.34	261.	0.018	392	0.	4.20	205.	0.014	354	0.	3.78	185.	0.013
2574	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2575	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2576	7.73	7.73	217	0.	2.32	113.	0.008	166	0.	1.78	87.	0.006	107	0.	1.14	56.	0.004
2577	7.73	7.73	422	0.	4.51	221.	0.015	328	0.	3.51	171.	0.012	245	0.	2.62	128.	0.009
2578	7.73	7.73	589	0.	6.30	308.	0.021	458	0.	4.90	239.	0.017	389	0.	4.16	203.	0.014
2579	7.73	7.73	620	0.	6.63	324.	0.022	487	0.	5.21	255.	0.018	442	0.	4.73	231.	0.016
2582	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2583	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2584	7.73	7.73	178	0.	1.90	93.	0.006	137	0.	1.47	72.	0.005	113	0.	1.21	59.	0.004
2585	7.73	7.73	377	0.	4.03	197.	0.014	296	0.	3.17	155.	0.011	223	0.	2.38	117.	0.008
2586	7.73	7.73	537	0.	5.74	281.	0.019	420	0.	4.49	220.	0.015	351	0.	3.75	184.	0.013
2587	7.73	7.73	565	0.	6.05	296.	0.020	444	0.	4.75	232.	0.016	406	0.	4.34	212.	0.015
2590	7.73	7.73	423	0.	4.52	221.	0.015	387	0.	4.14	202.	0.014	345	0.	3.69	180.	0.012
2591	7.73	7.73	258	0.	2.75	135.	0.009	224	0.	2.39	117.	0.008	257	0.	2.75	134.	0.009
2592	7.73	7.73	250	0.	2.67	131.	0.009	197	0.	2.10	103.	0.007	211	0.	2.26	110.	0.008
2593	7.73	7.73	352	0.	3.77	184.	0.013	263	0.	2.81	138.	0.009	237	0.	2.54	124.	0.009
2594	7.73	7.73	429	0.	4.58	224.	0.015	336	0.	3.60	176.	0.012	311	0.	3.33	163.	0.011
2595	7.73	7.73	306	0.	3.27	160.	0.011	239	0.	2.55	125.	0.009	213	0.	2.28	112.	0.008
2598	7.73	7.73	703	0.	7.51	367.	0.025	645	0.	6.89	337.	0.023	591	0.	6.32	309.	0.021
2599	7.73	7.73	451	0.	4.82	236.	0.016	411	0.	4.39	215.	0.015	355	0.	3.80	186.	0.013
2600	7.73	7.73	195	0.	2.08	102.	0.007	178	0.	1.91	93.	0.006	179	0.	1.91	93.	0.006
2601	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	71	0.	0.76	37.	0.003
2602	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2603	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2604	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2605	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2606	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2607	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2608	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2609	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2610	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2611	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2612	7.73	7.73	278	0.	2.98	146.	0.010	200	0.	2.13	104.	0.007	230	0.	2.46	120.	0.008
2613	7.73	7.73	390	0.	4.17	204.	0.014	292	0.	3.12	152.	0.011	275	0.	2.94	144.	0.010
2614	7.73	7.73	235	0.	2.51	123.	0.008	176	0.	1.88	92.	0.006	171	0.	1.83	90.	0.006
2615	7.73	7.73	86	0.	0.92	45.	0.003	63	0.	0.68	33.	0.002	79	0.	0.84	41.	0.003
2616	7.73	7.73	145	0.	1.55	76.	0.005	110	0.	1.18	58.	0.004	92	0.	0.98	48.	0.003
2617	7.73	7.73	304	0.	3.25	159.	0.011	233	0.	2.49	122.	0.008	177	0.	1.89	92.	0.006
2618	7.73	7.73	416	0.	4.44	217.	0.015	319	0.	3.41	167.	0.011	283	0.	3.03	148.	0.010
2619	7.73	7.73	325	0.	3.47	170.	0.012	244	0.	2.61	128.	0.009	209	0.	2.23	109.	0.008
2620	7.73	7.73	510	0.	5.46	267.	0.018	417	0.	4.45	218.	0.015	394	0.	4.21	206.	0.014
2621	7.73	7.73	463	0.	4.95	242.	0.017	366	0.	3.91	191.	0.013	335	0.	3.58	175.	0.012
2622	7.73	7.73	303	0.	3.24	158.	0.011	233	0.	2.49	122.	0.008	212	0.	2.26	111.	0.008
2623	7.73	7.73	176	0.	1.88	92.	0.006	133	0.	1.42	70.	0.005	133	0.	1.42	70.	0.005
2624	7.73	7.73	210	0.	2.25	110.	0.008	161	0.	1.72	84.	0.006	131	0.	1.40	68.	0.005
2625	7.73	7.73	366	0.	3.92	192.	0.013	285	0.	3.04	149.	0.010	217	0.	2.32	113.	0.008
2626	7.73	7.73	507	0.	5.42	265.	0.018	394	0.	4.21	206.	0.014	344	0.	3.68	180.	0.012
2627	7.73	7.73	570	0.	6.10	298.	0.021	447	0.	4.78	234.	0.016	403	0.	4.31	211.	0.015
2628	7.73	7.73	594	0.	6.35	310.	0.021	473	0.	5.05	247.	0.017	447	0.	4.78	234.	0.016
2629	7.73	7.73	560	0.	5.99	293.	0.020	432	0.	4.62	226.	0.016	388	0.	4.14	203.	0.014
2630	7.73	7.73	378	0.	4.04	198.	0.014	288	0.	3.08	151.	0.010	251	0.	2.68	131.	0.009
2631	7.73	7.73	214	0.	2.29	112.	0.008	163	0.	1.75	85.	0.006	148	0.	1.59	78.	0.005
2632	7.73	7.73	227	0.	2.43	119.	0.008	194	0.	2.07	101.	0.007	159	0.	1.70	83.	0.006
2633	7.73	7.73	392	0.	4.19	205.	0.014	335	0.	3.59	175.	0.012	259	0.	2.77	136.	0.009

2634	7.73	7.73	586	0.	6.26	306.	0.021	456	0.	4.88	238.	0.016	397	0.	4.25	208.	0.014
2635	7.73	7.73	629	0.	6.73	329.	0.023	494	0.	5.28	258.	0.018	449	0.	4.80	235.	0.016
2636	7.73	7.73	453	0.	4.85	237.	0.016	364	0.	3.89	190.	0.013	384	0.	4.10	201.	0.014
2637	7.73	7.73	559	0.	5.98	292.	0.020	434	0.	4.64	227.	0.016	410	0.	4.39	215.	0.015
2638	7.73	7.73	360	0.	3.85	188.	0.013	279	0.	2.98	146.	0.010	260	0.	2.78	136.	0.009
2639	7.73	7.73	153	0.	1.63	80.	0.005	119	0.	1.28	62.	0.004	123	0.	1.31	64.	0.004
2640	7.73	7.73	225	0.	2.41	118.	0.008	175	0.	1.87	91.	0.006	143	0.	1.53	75.	0.005
2641	7.73	7.73	449	0.	4.80	235.	0.016	348	0.	3.72	182.	0.013	270	0.	2.88	141.	0.010
2642	7.73	7.73	605	0.	6.47	317.	0.022	472	0.	5.05	247.	0.017	421	0.	4.51	220.	0.015
2643	7.73	7.73	498	0.	5.32	260.	0.018	394	0.	4.22	206.	0.014	354	0.	3.78	185.	0.013
2644	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2645	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	103	0.	1.10	54.	0.004
2646	7.73	7.73	0.	0.	0.00	0.	0.000	5	0.	0.05	2.	0.000	90	0.	0.97	47.	0.003
2647	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	31	0.	0.33	16.	0.001
2648	7.73	7.73	0.	0.	0.00	0.	0.000	3	0.	0.03	2.	0.000	49	0.	0.52	26.	0.002
2649	7.73	7.73	16	0.	0.17	8.	0.001	21	0.	0.22	11.	0.001	93	0.	1.00	49.	0.003
2650	7.73	7.73	0.	0.	0.00	0.	0.000	8	0.	0.08	4.	0.000	104	0.	1.11	54.	0.004
2651	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2660	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2661	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	103	0.	1.10	54.	0.004
2662	7.73	7.73	9	0.	0.09	5.	0.000	9	0.	0.10	5.	0.000	90	0.	0.97	47.	0.003
2663	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	31	0.	0.33	16.	0.001
2664	7.73	7.73	6	0.	0.06	3.	0.000	5	0.	0.06	3.	0.000	49	0.	0.52	26.	0.002
2665	7.73	7.73	34	0.	0.37	18.	0.001	27	0.	0.29	14.	0.001	93	0.	1.00	49.	0.003
2666	7.73	7.73	17	0.	0.18	9.	0.001	17	0.	0.18	9.	0.001	104	0.	1.11	54.	0.004
2667	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2668	7.73	7.73	466	0.	4.99	244.	0.017	366	0.	3.91	191.	0.013	384	0.	4.10	201.	0.014
2669	7.73	7.73	563	0.	6.02	295.	0.020	435	0.	4.65	227.	0.016	410	0.	4.39	215.	0.015
2670	7.73	7.73	362	0.	3.87	189.	0.013	279	0.	2.98	146.	0.010	260	0.	2.78	136.	0.009
2671	7.73	7.73	156	0.	1.67	82.	0.006	120	0.	1.29	63.	0.004	123	0.	1.31	64.	0.004
2672	7.73	7.73	227	0.	2.43	119.	0.008	175	0.	1.87	92.	0.006	143	0.	1.53	75.	0.005
2673	7.73	7.73	450	0.	4.82	236.	0.016	348	0.	3.73	182.	0.013	270	0.	2.88	141.	0.010
2674	7.73	7.73	610	0.	6.52	319.	0.022	473	0.	5.06	247.	0.017	421	0.	4.51	220.	0.015
2675	7.73	7.73	504	0.	5.39	263.	0.018	396	0.	4.23	207.	0.014	354	0.	3.78	185.	0.013
2676	7.73	7.73	593	0.	6.34	310.	0.021	473	0.	5.05	247.	0.017	447	0.	4.78	234.	0.016
2677	7.73	7.73	556	0.	5.94	291.	0.020	432	0.	4.62	226.	0.016	388	0.	4.14	203.	0.014
2678	7.73	7.73	375	0.	4.01	196.	0.014	288	0.	3.08	151.	0.010	251	0.	2.68	131.	0.009
2679	7.73	7.73	214	0.	2.29	112.	0.008	163	0.	1.75	85.	0.006	148	0.	1.59	78.	0.005
2680	7.73	7.73	225	0.	2.41	118.	0.008	193	0.	2.06	101.	0.007	159	0.	1.70	83.	0.006
2681	7.73	7.73	387	0.	4.14	202.	0.014	334	0.	3.57	175.	0.012	259	0.	2.77	136.	0.009
2682	7.73	7.73	582	0.	6.23	305.	0.021	455	0.	4.86	238.	0.016	397	0.	4.25	208.	0.014
2683	7.73	7.73	629	0.	6.72	329.	0.023	494	0.	5.28	258.	0.018	449	0.	4.80	235.	0.016
2684	7.73	7.73	503	0.	5.38	263.	0.018	417	0.	4.45	218.	0.015	394	0.	4.21	206.	0.014
2685	7.73	7.73	462	0.	4.94	241.	0.017	366	0.	3.91	191.	0.013	335	0.	3.58	175.	0.012
2686	7.73	7.73	302	0.	3.23	158.	0.011	233	0.	2.49	122.	0.008	212	0.	2.26	111.	0.008
2687	7.73	7.73	173	0.	1.85	91.	0.006	132	0.	1.41	69.	0.005	133	0.	1.42	70.	0.005
2688	7.73	7.73	207	0.	2.22	108.	0.007	160	0.	1.71	84.	0.006	131	0.	1.40	68.	0.005
2689	7.73	7.73	365	0.	3.90	191.	0.013	284	0.	3.04	149.	0.010	217	0.	2.32	113.	0.008
2690	7.73	7.73	503	0.	5.37	263.	0.018	392	0.	4.20	205.	0.014	344	0.	3.68	180.	0.012
2691	7.73	7.73	563	0.	6.03	295.	0.020	445	0.	4.76	233.	0.016	403	0.	4.31	211.	0.015
2692	7.73	7.73	237	0.	2.53	124.	0.009	194	0.	2.08	102.	0.007	230	0.	2.46	120.	0.008
2693	7.73	7.73	368	0.	3.93	192.	0.013	288	0.	3.08	151.	0.010	275	0.	2.94	144.	0.010
2694	7.73	7.73	224	0.	2.40	117.	0.008	174	0.	1.86	91.	0.006	171	0.	1.83	90.	0.006
2695	7.73	7.73	79	0.	0.85	41.	0.003	62	0.	0.66	32.	0.002	79	0.	0.84	41.	0.003
2696	7.73	7.73	140	0.	1.50	73.	0.005	109	0.	1.16	57.	0.004	92	0.	0.98	48.	0.003
2697	7.73	7.73	296	0.	3.17	155.	0.011	230	0.	2.46	120.	0.008	177	0.	1.89	92.	0.006
2698	7.73	7.73	398	0.	4.26	208.	0.014	313	0.	3.35	164.	0.011	283	0.	3.03	148.	0.010
2699	7.73	7.73	299	0.	3.19	156.	0.011	238	0.	2.54	124.	0.009	209	0.	2.23	109.	0.008
2700	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2701	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2702	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2703	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2704	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2705	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2706	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2707	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2708	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2709	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2710	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	9	0.	0.10	5.	0.000
2711	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	48	0.	0.51	25.	0.002
2712	7.73	7.73	38	0.	0.41	20.	0.001	29	0.	0.31	15.	0.001	59	0.	0.63	31.	0.002
2713	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	29	0.	0.30	15.	0.001
2714	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2715	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2716	7.73	7.73	285	0.	3.05	149.	0.010	206	0.	2.20	108.	0.007	239	0.	2.56	125.	0.009
2717	7.73	7.73	406	0.	4.34	212.	0.015	305	0.	3.26	160.	0.011	290	0.	3.10	152.	0.010
2718	7.73	7.73	261	0.	2.79	136.	0.009	195	0.	2.08	102.	0.007	190	0.	2.03	99.	0.007
2719	7.73	7.73	132	0.	1.41	69.	0.005	99	0.	1.06	52.	0.004	114	0.	1.22	60.	0.004
2720	7.73	7.73	73	0.	0.78	38.	0.003	55	0.	0.59	29.	0.002	68	0.	0.73	36.	0.002
2721	7.73	7.73	19	0.	0.20	10.	0.001	16	0.	0.17	8.	0.001	41	0.	0.43	21.	0.001
2722	7.73	7.73	11	0.	0.12	6.	0.000	21	0.	0.22	11.	0.001	51	0.	0.54	26.	0.002
2723	7.73	7.73	0.	0.	0.00	0.	0.000	68	0.	0.73	36.	0.002	25	0.	0.26	13.	0.001
2724	7.73	7.73	525	0.	5.61	274.	0.019	430	0.	4.59	225.	0.015	406	0.	4.35	213.	0.015
2725	7.73	7.73	475	0.	5.07	248.	0.017	376	0.	4.02	196.	0.014	343	0.	3.66	179.	0.012
2726	7.73	7.73	304	0.	3.25	159.	0.011	235	0.	2.51	123.	0.008	209	0.	2.23	109.	0.008
2727	7.73	7.73	148	0.	1.58	77.	0.005	114	0.	1.22	60.	0.004	102	0.	1.09	53.	0.004
2728	7.73	7.73	5	0.	0.05	3.	0.000	2	0.	0.02	1.	0.000	25	0.	0.26	13.	0.001
2729	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2730	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2731	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2732	7.73	7.73	602	0.	6.44	315.	0.022	471	0.	5.04	246.	0.017	453	0.	4.85	237.	0.016
2733	7.73	7.73	572	0.	6.11	299.	0.021	438	0.	4.69	229.	0.016	396	0.	4.23	207.	0.014
2734	7.73	7.73	394	0.	4.21	206.	0.014	301	0.	3.22	157.	0.011	262	0.	2.80	137.	0.009
2735	7.73	7.73	242	0.	2.59	127.	0.009	183	0.	1.96	96.	0.007	167	0.	1.79	88.	0.006
2736	7.73	7.73	135	0.	1.45	71.	0.005	101	0.	1.08	53.	0.004	123	0.	1.32	64.	0.004
2737	7.73	7.73	30	0.	0.32	15.	0.001	21	0.	0.22	11.	0.001	96	0.	1.03	50.	0.003
2738	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	11	0.	0.12	6.	0.000
2739	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2740	7.73	7.73	462	0.	4.94	241.	0.017	369	0.	3.95	193.	0.013	388	0.	4.15	203.	0.014
2741	7.73	7.73	575	0.	6.15	301.	0.021	446	0.	4.77	233.	0.016	423	0.	4.52	221.	0.015
2742	7.73	7.73	393	0.	4.20	205.	0.014	303	0.	3.24	159.	0.011	288	0.	3.08	151.	0.010
2743	7.73	7.73	251	0.	2.68	131.	0.009	207	0.	2.21	108.	0.007	200	0.	2.14	105.	0.007

2744	7.73	7.73	269	0.	2.88	141.	0.010	210	0.	2.24	110.	0.008	188	0.	2.01	98.	0.007
2745	7.73	7.73	392	0.	4.19	205.	0.014	300	0.	3.20	157.	0.011	245	0.	2.62	128.	0.009
2746	7.73	7.73	472	0.	5.05	247.	0.017	364	0.	3.89	190.	0.013	338	0.	3.61	177.	0.012
2747	7.73	7.73	321	0.	3.43	168.	0.012	252	0.	2.70	132.	0.009	225	0.	2.41	118.	0.008
2748	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2749	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	110	0.	1.18	58.	0.004
2750	7.73	7.73	25	0.	0.26	13.	0.001	25	0.	0.27	13.	0.001	118	0.	1.26	62.	0.004
2751	7.73	7.73	109	0.	1.17	57.	0.004	73	0.	0.78	38.	0.003	124	0.	1.33	65.	0.004
2752	7.73	7.73	241	0.	2.57	126.	0.009	186	0.	1.98	97.	0.007	162	0.	1.73	85.	0.006
2753	7.73	7.73	395	0.	4.23	207.	0.014	306	0.	3.27	160.	0.011	244	0.	2.61	128.	0.009
2754	7.73	7.73	511	0.	5.46	267.	0.018	395	0.	4.23	207.	0.014	350	0.	3.74	183.	0.013
2755	7.73	7.73	486	0.	5.20	254.	0.018	380	0.	4.07	199.	0.014	349	0.	3.73	183.	0.013
2764	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2765	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	110	0.	1.18	58.	0.004
2766	7.73	7.73	44	0.	0.47	23.	0.002	29	0.	0.32	15.	0.001	118	0.	1.26	62.	0.004
2767	7.73	7.73	116	0.	1.24	61.	0.004	75	0.	0.80	39.	0.003	124	0.	1.33	65.	0.004
2768	7.73	7.73	243	0.	2.60	127.	0.009	186	0.	1.99	97.	0.007	162	0.	1.73	85.	0.006
2769	7.73	7.73	397	0.	4.25	208.	0.014	306	0.	3.28	160.	0.011	244	0.	2.61	128.	0.009
2770	7.73	7.73	511	0.	5.46	267.	0.018	396	0.	4.23	207.	0.014	350	0.	3.74	183.	0.013
2771	7.73	7.73	483	0.	5.17	253.	0.017	379	0.	4.06	198.	0.014	349	0.	3.73	183.	0.013
2772	7.73	7.73	472	0.	5.04	247.	0.017	371	0.	3.97	194.	0.013	388	0.	4.15	203.	0.014
2773	7.73	7.73	577	0.	6.17	302.	0.021	447	0.	4.78	234.	0.016	423	0.	4.52	221.	0.015
2774	7.73	7.73	396	0.	4.23	207.	0.014	304	0.	3.25	159.	0.011	288	0.	3.08	151.	0.010
2775	7.73	7.73	252	0.	2.69	132.	0.009	207	0.	2.21	108.	0.007	200	0.	2.14	105.	0.007
2776	7.73	7.73	265	0.	2.83	138.	0.010	209	0.	2.23	109.	0.008	188	0.	2.01	98.	0.007
2777	7.73	7.73	383	0.	4.10	200.	0.014	297	0.	3.17	155.	0.011	245	0.	2.62	128.	0.009
2778	7.73	7.73	455	0.	4.87	238.	0.016	358	0.	3.83	187.	0.013	338	0.	3.61	177.	0.012
2779	7.73	7.73	295	0.	3.15	154.	0.011	247	0.	2.64	129.	0.009	225	0.	2.41	118.	0.008
2780	7.73	7.73	601	0.	6.43	314.	0.022	471	0.	5.04	246.	0.017	453	0.	4.85	237.	0.016
2781	7.73	7.73	567	0.	6.06	297.	0.020	438	0.	4.68	229.	0.016	396	0.	4.23	207.	0.014
2782	7.73	7.73	390	0.	4.17	204.	0.014	300	0.	3.21	157.	0.011	262	0.	2.80	137.	0.009
2783	7.73	7.73	237	0.	2.54	124.	0.009	183	0.	1.95	96.	0.007	167	0.	1.79	88.	0.006
2784	7.73	7.73	123	0.	1.31	64.	0.004	98	0.	1.05	51.	0.004	123	0.	1.32	64.	0.004
2785	7.73	7.73	0.	0.	0.00	0.	0.000	9	0.	0.09	5.	0.000	96	0.	1.03	50.	0.003
2786	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	11	0.	0.12	6.	0.000
2787	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2788	7.73	7.73	518	0.	5.54	271.	0.019	430	0.	4.59	225.	0.015	406	0.	4.35	213.	0.015
2789	7.73	7.73	473	0.	5.06	247.	0.017	375	0.	4.01	196.	0.014	343	0.	3.66	179.	0.012
2790	7.73	7.73	304	0.	3.25	159.	0.011	235	0.	2.51	123.	0.008	209	0.	2.23	109.	0.008
2791	7.73	7.73	150	0.	1.60	78.	0.005	114	0.	1.22	60.	0.004	102	0.	1.09	53.	0.004
2792	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	25	0.	0.26	13.	0.001
2793	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2794	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2795	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2796	7.73	7.73	246	0.	2.63	128.	0.009	201	0.	2.15	105.	0.007	239	0.	2.56	125.	0.009
2797	7.73	7.73	385	0.	4.12	201.	0.014	302	0.	3.23	158.	0.011	290	0.	3.10	152.	0.010
2798	7.73	7.73	248	0.	2.65	130.	0.009	193	0.	2.06	101.	0.007	190	0.	2.03	99.	0.007
2799	7.73	7.73	128	0.	1.37	67.	0.005	98	0.	1.05	52.	0.004	114	0.	1.22	60.	0.004
2800	7.73	7.73	75	0.	0.81	39.	0.003	56	0.	0.60	29.	0.002	68	0.	0.73	36.	0.002
2801	7.73	7.73	29	0.	0.31	15.	0.001	18	0.	0.20	10.	0.001	41	0.	0.43	21.	0.001
2802	7.73	7.73	35	0.	0.38	18.	0.001	25	0.	0.26	13.	0.001	51	0.	0.54	26.	0.002
2803	7.73	7.73	92	0.	0.99	48.	0.003	73	0.	0.78	38.	0.003	25	0.	0.26	13.	0.001
2804	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2805	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2806	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	9	0.	0.10	5.	0.000
2807	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	48	0.	0.51	25.	0.002
2808	7.73	7.73	40	0.	0.43	21.	0.001	29	0.	0.31	15.	0.001	59	0.	0.63	31.	0.002
2809	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	29	0.	0.30	15.	0.001
2810	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2811	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2812	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2813	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2814	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2815	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	21	0.	0.22	11.	0.001
2816	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	10	0.	0.10	5.	0.000
2817	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	13	0.	0.14	7.	0.000
2818	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2819	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2820	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2821	7.73	7.73	0.	0.	0.00	0.	0.000	35	0.	0.38	18.	0.001	40	0.	0.43	21.	0.001
2822	7.73	7.73	14	0.	0.15	7.	0.000	17	0.	0.18	9.	0.001	23	0.	0.24	12.	0.001
2823	7.73	7.73	0.	0.	0.00	0.	0.000	5	0.	0.05	2.	0.000	20	0.	0.21	10.	0.001
2824	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	17	0.	0.18	9.	0.001
2825	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	10	0.	0.11	5.	0.000
2826	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	11	0.	0.12	6.	0.000
2827	7.73	7.73	0.	0.	0.00	0.	0.000	2	0.	0.02	1.	0.000	11	0.	0.12	6.	0.000
2828	7.73	7.73	30	0.	0.33	16.	0.001	28	0.	0.30	14.	0.001	13	0.	0.14	7.	0.000
2829	7.73	7.73	14	0.	0.15	7.	0.001	57	0.	0.61	30.	0.002	31	0.	0.33	16.	0.001
2830	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2831	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2832	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2833	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2834	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2835	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2836	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2837	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2838	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2839	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2840	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2841	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	66	0.	0.71	35.	0.002
2842	7.73	7.73	23	0.	0.24	12.	0.001	15	0.	0.16	8.	0.001	57	0.	0.61	30.	0.002
2843	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	8	0.	0.08	4.	0.000
2844	7.73	7.73	39	0.	0.42	20.	0.001	25	0.	0.27	13.	0.001	57	0.	0.61	30.	0.002
2845	7.73	7.73	17	0.	0.18	9.	0.001	2	0.	0.03	1.	0.000	70	0.	0.74	36.	0.003
2846	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	3	0.	0.03	2.	0.000
2847	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2848	7.73	7.73	327	0.	3.50	171.	0.012	245	0.	2.62	128.	0.009	262	0.	2.80	137.	0.009
2849	7.73	7.73	482	0.	5.15	252.	0.017	359	0.	3.84	188.	0.013	342	0.	3.65	179.	0.012
2850	7.73	7.73	355	0.	3.80	186.	0.013	265	0.	2.84	139.	0.010	245	0.	2.62	128.	0.009
2851	7.73	7.73	190	0.	2.03	99.	0.007	142	0.	1.51	74.	0.005	142	0.	1.52	74.	0.005
2852	7.73	7.73	60	0.	0.64	31.	0.002	44	0.	0.47	23.	0.002	56	0.	0.60	30.	0.002
2853	7.73	7.73	193	0.	2.06	101.	0.007	167	0.	1.78	87.	0.006	136	0.	1.46	71.	0.005

2854	7.73	7.73	335	0.	3.58	175.	0.012	296	0.	3.17	155.	0.011	237	0.	2.54	124.	0.009
2855	7.73	7.73	440	0.	4.70	230.	0.016	354	0.	3.79	185.	0.013	334	0.	3.57	175.	0.012
2856	7.73	7.73	306	0.	3.27	160.	0.011	256	0.	2.73	134.	0.009	230	0.	2.46	120.	0.008
2857	7.73	7.73	478	0.	5.11	250.	0.017	374	0.	4.00	195.	0.013	362	0.	3.87	189.	0.013
2858	7.73	7.73	496	0.	5.31	259.	0.018	383	0.	4.09	200.	0.014	356	0.	3.80	186.	0.013
2859	7.73	7.73	375	0.	4.01	196.	0.014	289	0.	3.09	151.	0.010	257	0.	2.75	135.	0.009
2860	7.73	7.73	231	0.	2.47	121.	0.008	178	0.	1.90	93.	0.006	161	0.	1.72	84.	0.006
2861	7.73	7.73	130	0.	1.39	68.	0.005	98	0.	1.05	51.	0.004	97	0.	1.03	51.	0.003
2862	7.73	7.73	226	0.	2.42	118.	0.008	188	0.	2.01	98.	0.007	155	0.	1.66	81.	0.006
2863	7.73	7.73	357	0.	3.82	187.	0.013	303	0.	3.24	159.	0.011	247	0.	2.64	129.	0.009
2864	7.73	7.73	471	0.	5.04	247.	0.017	376	0.	4.02	196.	0.014	342	0.	3.66	179.	0.012
2865	7.73	7.73	471	0.	5.04	246.	0.017	366	0.	3.91	191.	0.013	339	0.	3.62	177.	0.012
2875	7.73	7.73	473	0.	5.06	247.	0.017	373	0.	3.99	195.	0.013	362	0.	3.87	189.	0.013
2876	7.73	7.73	498	0.	5.33	261.	0.018	383	0.	4.09	200.	0.014	356	0.	3.80	186.	0.013
2877	7.73	7.73	376	0.	4.02	197.	0.014	289	0.	3.09	151.	0.010	257	0.	2.75	135.	0.009
2878	7.73	7.73	229	0.	2.45	120.	0.008	177	0.	1.89	93.	0.006	161	0.	1.72	84.	0.006
2879	7.73	7.73	123	0.	1.32	64.	0.004	96	0.	1.03	50.	0.003	97	0.	1.03	51.	0.003
2880	7.73	7.73	223	0.	2.39	117.	0.008	188	0.	2.01	98.	0.007	155	0.	1.66	81.	0.006
2881	7.73	7.73	358	0.	3.82	187.	0.013	304	0.	3.25	159.	0.011	247	0.	2.64	129.	0.009
2882	7.73	7.73	473	0.	5.06	247.	0.017	377	0.	4.03	197.	0.014	342	0.	3.66	179.	0.012
2883	7.73	7.73	442	0.	4.73	231.	0.016	364	0.	3.89	190.	0.013	339	0.	3.62	177.	0.012
2884	7.73	7.73	284	0.	3.04	149.	0.010	238	0.	2.54	124.	0.009	262	0.	2.80	137.	0.009
2885	7.73	7.73	456	0.	4.88	239.	0.016	354	0.	3.78	185.	0.013	342	0.	3.65	179.	0.012
2886	7.73	7.73	340	0.	3.63	178.	0.012	262	0.	2.80	137.	0.009	245	0.	2.62	128.	0.009
2887	7.73	7.73	175	0.	1.87	92.	0.006	138	0.	1.48	72.	0.005	142	0.	1.52	74.	0.005
2888	7.73	7.73	46	0.	0.49	24.	0.002	40	0.	0.43	21.	0.001	56	0.	0.60	30.	0.002
2889	7.73	7.73	175	0.	1.87	92.	0.006	162	0.	1.74	85.	0.006	136	0.	1.46	71.	0.005
2890	7.73	7.73	305	0.	3.26	159.	0.011	291	0.	3.11	152.	0.010	237	0.	2.54	124.	0.009
2891	7.73	7.73	405	0.	4.34	212.	0.015	345	0.	3.69	180.	0.012	334	0.	3.57	175.	0.012
2892	7.73	7.73	235	0.	2.51	123.	0.008	246	0.	2.63	129.	0.009	230	0.	2.46	120.	0.008
2893	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2894	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2895	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	66	0.	0.71	35.	0.002
2896	7.73	7.73	0.	0.	0.00	0.	0.000	8	0.	0.09	4.	0.000	57	0.	0.61	30.	0.002
2897	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	8	0.	0.08	4.	0.000
2898	7.73	7.73	11	0.	0.12	6.	0.000	16	0.	0.17	8.	0.001	57	0.	0.61	30.	0.002
2899	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	70	0.	0.74	36.	0.003
2900	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	3	0.	0.03	2.	0.000
2901	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2902	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2903	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2904	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2905	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2906	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2907	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2908	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2909	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2910	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2911	7.73	7.73	56	0.	0.60	29.	0.002	41	0.	0.44	22.	0.001	40	0.	0.43	21.	0.001
2912	7.73	7.73	40	0.	0.43	21.	0.001	24	0.	0.26	13.	0.001	23	0.	0.24	12.	0.001
2913	7.73	7.73	17	0.	0.18	9.	0.001	10	0.	0.10	5.	0.000	20	0.	0.21	10.	0.001
2914	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	17	0.	0.18	9.	0.001
2915	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	10	0.	0.11	5.	0.000
2916	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	11	0.	0.12	6.	0.000
2917	7.73	7.73	22	0.	0.23	11.	0.001	9	0.	0.09	5.	0.000	11	0.	0.12	6.	0.000
2918	7.73	7.73	59	0.	0.64	31.	0.002	37	0.	0.40	20.	0.001	13	0.	0.14	7.	0.000
2919	7.73	7.73	95	0.	1.02	50.	0.003	64	0.	0.68	33.	0.002	31	0.	0.33	16.	0.001
2920	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2921	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2922	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2923	7.73	7.73	2	0.	0.02	1.	0.000	0.	0.	0.00	0.	0.000	21	0.	0.22	11.	0.001
2924	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	10	0.	0.10	5.	0.000
2925	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	13	0.	0.14	7.	0.000
2926	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2927	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2928	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2929	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2930	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2931	7.73	7.73	34	0.	0.36	18.	0.001	20	0.	0.22	11.	0.001	37	0.	0.40	20.	0.001
2932	7.73	7.73	67	0.	0.71	35.	0.002	51	0.	0.55	27.	0.002	74	0.	0.79	39.	0.003
2933	7.73	7.73	22	0.	0.23	11.	0.001	23	0.	0.24	12.	0.001	60	0.	0.64	31.	0.002
2934	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	16	0.	0.17	8.	0.001
2935	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2936	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2937	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2938	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2939	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	24	0.	0.25	12.	0.001
2940	7.73	7.73	72	0.	0.77	38.	0.003	53	0.	0.57	28.	0.002	70	0.	0.75	37.	0.003
2941	7.73	7.73	154	0.	1.65	81.	0.006	141	0.	1.51	74.	0.005	117	0.	1.25	61.	0.004
2942	7.73	7.73	303	0.	3.24	159.	0.011	246	0.	2.63	128.	0.009	192	0.	2.05	100.	0.007
2943	7.73	7.73	433	0.	4.63	226.	0.016	336	0.	3.59	176.	0.012	289	0.	3.09	151.	0.010
2944	7.73	7.73	328	0.	3.50	171.	0.012	252	0.	2.69	132.	0.009	232	0.	2.48	121.	0.008
2945	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2946	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2947	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2948	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2949	7.73	7.73	143	0.	1.53	75.	0.005	115	0.	1.23	60.	0.004	85	0.	0.91	44.	0.003
2950	7.73	7.73	354	0.	3.78	185.	0.013	275	0.	2.94	144.	0.010	202	0.	2.16	106.	0.007
2951	7.73	7.73	512	0.	5.47	268.	0.018	399	0.	4.26	209.	0.014	338	0.	3.62	177.	0.012
2952	7.73	7.73	564	0.	6.04	295.	0.020	441	0.	4.72	231.	0.016	397	0.	4.25	208.	0.014
2953	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2954	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	81	0.	0.87	43.	0.003
2955	7.73	7.73	0.	0.	0.00	0.	0.000	38	0.	0.41	20.	0.001	115	0.	1.23	60.	0.004
2956	7.73	7.73	102	0.	1.09	53.	0.004	86	0.	0.92	45.	0.003	129	0.	1.38	67.	0.005
2957	7.73	7.73	252	0.	2.69	132.	0.009	196	0.	2.10	103.	0.007	171	0.	1.82	89.	0.006
2958	7.73	7.73	405	0.	4.33	212.	0.015	338	0.	3.61	177.	0.012	262	0.	2.81	137.	0.009
2959	7.73	7.73	587	0.	6.28	307.	0.021	466	0.	4.98	244.	0.017	393	0.	4.20	206.	0.014
2960	7.73	7.73	626	0.	6.69	327.	0.023	491	0.	5.25	257.	0.018	448	0.	4.79	234.	0.016
2961	7.73	7.73	294	0.	3.15	154.	0.011	249	0.	2.66	130.	0.009	270	0.	2.89	141.	0.010
2962	7.73	7.73	476	0.	5.09	249.	0.017	340	0.	3.64	178.	0.012	336	0.	3.59	175.	0.012
2963	7.73	7.73	365	0.	3.90	191.	0.013	275	0.	2.94	144.	0.010	260	0.	2.78	136.	0.009
2964	7.73	7.73	279	0.	2.98	146.	0.010	224	0.	2.40	117.	0.008	208	0.	2.23	109.	0.008

2965	7.73	7.73	318	0.	3.40	166.	0.011	249	0.	2.66	130.	0.009	213	0.	2.28	111.	0.008
2966	7.73	7.73	470	0.	5.03	246.	0.017	364	0.	3.89	190.	0.013	293	0.	3.14	153.	0.011
2967	7.73	7.73	626	0.	6.69	327.	0.023	487	0.	5.21	255.	0.018	422	0.	4.51	221.	0.015
2968	7.73	7.73	517	0.	5.53	270.	0.019	410	0.	4.38	214.	0.015	385	0.	4.11	201.	0.014
2969	7.73	7.73	472	0.	5.05	247.	0.017	372	0.	3.98	194.	0.013	351	0.	3.76	184.	0.013
2970	7.73	7.73	473	0.	5.06	247.	0.017	368	0.	3.93	192.	0.013	339	0.	3.62	177.	0.012
2971	7.73	7.73	357	0.	3.82	187.	0.013	272	0.	2.91	142.	0.010	250	0.	2.67	131.	0.009
2972	7.73	7.73	264	0.	2.82	138.	0.009	191	0.	2.04	100.	0.007	176	0.	1.88	92.	0.006
2973	7.73	7.73	157	0.	1.68	82.	0.006	114	0.	1.22	59.	0.004	136	0.	1.45	71.	0.005
2974	7.73	7.73	65	0.	0.70	34.	0.002	53	0.	0.57	28.	0.002	124	0.	1.33	65.	0.004
2975	7.73	7.73	64	0.	0.69	34.	0.002	63	0.	0.67	33.	0.002	112	0.	1.20	59.	0.004
2976	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2985	7.73	7.73	417	0.	4.45	218.	0.015	372	0.	3.98	194.	0.013	351	0.	3.76	184.	0.013
2986	7.73	7.73	462	0.	4.95	242.	0.017	366	0.	3.92	192.	0.013	339	0.	3.62	177.	0.012
2987	7.73	7.73	355	0.	3.80	186.	0.013	271	0.	2.90	142.	0.010	250	0.	2.67	131.	0.009
2988	7.73	7.73	263	0.	2.81	138.	0.009	190	0.	2.04	100.	0.007	176	0.	1.88	92.	0.006
2989	7.73	7.73	159	0.	1.70	83.	0.006	114	0.	1.22	60.	0.004	136	0.	1.45	71.	0.005
2990	7.73	7.73	80	0.	0.85	42.	0.003	58	0.	0.62	30.	0.002	124	0.	1.33	65.	0.004
2991	7.73	7.73	92	0.	0.98	48.	0.003	72	0.	0.77	37.	0.003	112	0.	1.20	59.	0.004
2992	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2993	7.73	7.73	195	0.	2.08	102.	0.007	231	0.	2.47	121.	0.008	270	0.	2.89	141.	0.010
2994	7.73	7.73	413	0.	4.41	216.	0.015	332	0.	3.55	174.	0.012	336	0.	3.59	175.	0.012
2995	7.73	7.73	347	0.	3.71	181.	0.013	275	0.	2.94	144.	0.010	260	0.	2.78	136.	0.009
2996	7.73	7.73	281	0.	3.00	147.	0.010	224	0.	2.40	117.	0.008	208	0.	2.23	109.	0.008
2997	7.73	7.73	318	0.	3.40	166.	0.011	249	0.	2.66	130.	0.009	213	0.	2.28	111.	0.008
2998	7.73	7.73	471	0.	5.04	246.	0.017	364	0.	3.89	190.	0.013	293	0.	3.14	153.	0.011
2999	7.73	7.73	630	0.	6.73	329.	0.023	488	0.	5.22	255.	0.018	422	0.	4.51	221.	0.015
3000	7.73	7.73	524	0.	5.60	274.	0.019	411	0.	4.40	215.	0.015	385	0.	4.11	201.	0.014
3001	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3002	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	81	0.	0.87	43.	0.003
3003	7.73	7.73	0.	0.	0.00	0.	0.000	31	0.	0.34	16.	0.001	115	0.	1.23	60.	0.004
3004	7.73	7.73	70	0.	0.74	36.	0.003	83	0.	0.89	43.	0.003	129	0.	1.38	67.	0.005
3005	7.73	7.73	252	0.	2.69	132.	0.009	196	0.	2.10	103.	0.007	171	0.	1.82	89.	0.006
3006	7.73	7.73	404	0.	4.32	211.	0.015	337	0.	3.60	176.	0.012	262	0.	2.81	137.	0.009
3007	7.73	7.73	583	0.	6.24	305.	0.021	465	0.	4.97	243.	0.017	393	0.	4.20	206.	0.014
3008	7.73	7.73	625	0.	6.69	327.	0.023	491	0.	5.25	257.	0.018	448	0.	4.79	234.	0.016
3009	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3010	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3011	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3012	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3013	7.73	7.73	143	0.	1.53	75.	0.005	115	0.	1.23	60.	0.004	85	0.	0.91	44.	0.003
3014	7.73	7.73	354	0.	3.78	185.	0.013	275	0.	2.94	144.	0.010	202	0.	2.16	106.	0.007
3015	7.73	7.73	511	0.	5.47	267.	0.018	399	0.	4.26	208.	0.014	338	0.	3.62	177.	0.012
3016	7.73	7.73	558	0.	5.96	292.	0.020	439	0.	4.70	230.	0.016	397	0.	4.25	208.	0.014
3017	7.73	7.73	34	0.	0.37	18.	0.001	9	0.	0.10	5.	0.000	0.	0.	0.00	0.	0.000
3018	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3019	7.73	7.73	11	0.	0.12	6.	0.000	4	0.	0.04	2.	0.000	24	0.	0.25	12.	0.001
3020	7.73	7.73	78	0.	0.84	41.	0.003	60	0.	0.64	31.	0.002	70	0.	0.75	37.	0.003
3021	7.73	7.73	152	0.	1.62	79.	0.005	142	0.	1.52	75.	0.005	117	0.	1.25	61.	0.004
3022	7.73	7.73	301	0.	3.21	157.	0.011	245	0.	2.62	128.	0.009	192	0.	2.05	100.	0.007
3023	7.73	7.73	424	0.	4.53	222.	0.015	333	0.	3.56	174.	0.012	289	0.	3.09	151.	0.010
3024	7.73	7.73	313	0.	3.35	164.	0.011	249	0.	2.66	130.	0.009	232	0.	2.48	121.	0.008
3025	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3026	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3027	7.73	7.73	34	0.	0.36	18.	0.001	20	0.	0.22	11.	0.001	37	0.	0.40	20.	0.001
3028	7.73	7.73	72	0.	0.77	38.	0.003	53	0.	0.56	28.	0.002	74	0.	0.79	39.	0.003
3029	7.73	7.73	28	0.	0.30	15.	0.001	24	0.	0.26	13.	0.001	60	0.	0.64	31.	0.002
3030	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	16	0.	0.17	8.	0.001
3031	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3032	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3033	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3034	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3035	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3036	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3037	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	13	0.	0.14	7.	0.000
3038	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	46	0.	0.50	24.	0.002
3039	7.73	7.73	71	0.	0.76	37.	0.003	6	0.	0.07	3.	0.000	68	0.	0.73	36.	0.002
3040	7.73	7.73	218	0.	2.33	114.	0.008	62	0.	0.67	33.	0.002	109	0.	1.16	57.	0.004
3041	7.73	7.73	255	0.	2.73	133.	0.009	179	0.	1.91	94.	0.006	207	0.	2.22	109.	0.007
3042	7.73	7.73	396	0.	4.24	207.	0.014	298	0.	3.18	156.	0.011	281	0.	3.01	147.	0.010
3043	7.73	7.73	241	0.	2.58	126.	0.009	182	0.	1.94	95.	0.007	176	0.	1.89	92.	0.006
3044	7.73	7.73	88	0.	0.94	46.	0.003	64	0.	0.68	33.	0.002	83	0.	0.88	43.	0.003
3045	7.73	7.73	198	0.	2.12	103.	0.007	149	0.	1.60	78.	0.005	114	0.	1.22	60.	0.004
3046	7.73	7.73	451	0.	4.82	236.	0.016	345	0.	3.69	180.	0.012	252	0.	2.69	132.	0.009
3047	7.73	7.73	748	0.	7.99	391.	0.027	574	0.	6.14	300.	0.021	455	0.	4.87	238.	0.016
3048	7.73	7.73	759	0.	8.12	397.	0.027	582	0.	6.22	304.	0.021	528	0.	5.65	276.	0.019
3049	7.73	7.73	520	0.	5.57	272.	0.019	424	0.	4.54	222.	0.015	401	0.	4.29	210.	0.014
3050	7.73	7.73	470	0.	5.03	246.	0.017	373	0.	3.98	195.	0.013	341	0.	3.65	178.	0.012
3051	7.73	7.73	309	0.	3.30	161.	0.011	238	0.	2.55	125.	0.009	216	0.	2.31	113.	0.008
3052	7.73	7.73	179	0.	1.91	94.	0.006	136	0.	1.45	71.	0.005	132	0.	1.41	69.	0.005
3053	7.73	7.73	246	0.	2.63	129.	0.009	189	0.	2.02	99.	0.007	150	0.	1.60	78.	0.005
3054	7.73	7.73	461	0.	4.93	241.	0.017	357	0.	3.82	187.	0.013	266	0.	2.84	139.	0.010
3055	7.73	7.73	707	0.	7.56	370.	0.025	549	0.	5.87	287.	0.020	448	0.	4.79	234.	0.016
3056	7.73	7.73	775	0.	8.29	405.	0.028	606	0.	6.48	317.	0.022	544	0.	5.82	284.	0.020
3057	7.73	7.73	583	0.	6.23	305.	0.021	467	0.	4.99	244.	0.017	442	0.	4.72	231.	0.016
3058	7.73	7.73	560	0.	5.99	293.	0.020	433	0.	4.63	226.	0.016	388	0.	4.15	203.	0.014
3059	7.73	7.73	378	0.	4.04	197.	0.014	289	0.	3.09	151.	0.010	251	0.	2.68	131.	0.009
3060	7.73	7.73	215	0.	2.30	112.	0.008	164	0.	1.76	86.	0.006	154	0.	1.64	80.	0.006
3061	7.73	7.73	250	0.	2.67	131.	0.009	191	0.	2.05	100.	0.007	151	0.	1.61	79.	0.005
3062	7.73	7.73	439	0.	4.69	229.	0.016	338	0.	3.61	177.	0.012	257	0.	2.74	134.	0.009
3063	7.73	7.73	615	0.	6.58	322.	0.022	475	0.	5.08	248.	0.017	405	0.	4.33	212.	0.015
3064	7.73	7.73	690	0.	7.38	361.	0.025	542	0.	5.79	283.	0.020	487	0.	5.21	255.	0.018
3065	7.73	7.73	411	0.	4.39	215.	0.015	330	0.	3.53	172.	0.012	347	0.	3.72	182.	0.013
3066	7.73	7.73	560	0.	5.99	293.	0.020	435	0.	4.65	228.	0.016	412	0.	4.40	215.	0.015
3067	7.73	7.73	358	0.	3.82	187.	0.013	279	0.	2.98	146.	0.010	260	0.	2.79	136.	0.009
3068	7.73	7.73	150	0.	1.61	79.	0.005	118	0.	1.27	62.	0.004	120	0.	1.29	63.	0.004
3069	7.73	7.73	216	0.	2.31	113.	0.008	167	0.	1.79	88.	0.006	137	0.	1.47	72.	0.005
3070	7.73	7.73	436	0.	4.66	228.	0.016	338	0.	3.61	177.	0.012	261	0.	2.79	136.	0.009
3071	7.73	7.73	594	0.	6.35	311.	0.021	464	0.	4.96	242.	0.017	411	0.	4.40	215.	0.015
3072	7.73	7.73	492	0.	5.26	257.	0.018	390	0.	4.17	204.	0.014	353	0.	3.78	185.	0.013
3073	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3074	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	101	0.	1.08	53.	0.004

3075	7.73	7.73	0.	0.	0.00	0.	0.000	3	0.	0.03	1.	0.000	88	0.	0.94	46.	0.003
3076	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	27	0.	0.29	14.	0.001
3077	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	43	0.	0.46	22.	0.002
3078	7.73	7.73	7	0.	0.08	4.	0.000	14	0.	0.15	7.	0.001	86	0.	0.91	45.	0.003
3079	7.73	7.73	0.	0.	0.00	0.	0.000	1	0.	0.01	1.	0.000	95	0.	1.02	50.	0.003
3080	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3089	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3090	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	101	0.	1.08	53.	0.004
3091	7.73	7.73	5	0.	0.06	3.	0.000	6	0.	0.07	3.	0.000	88	0.	0.94	46.	0.003
3092	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	27	0.	0.29	14.	0.001
3093	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	43	0.	0.46	22.	0.002
3094	7.73	7.73	26	0.	0.28	14.	0.001	21	0.	0.22	11.	0.001	86	0.	0.91	45.	0.003
3095	7.73	7.73	10	0.	0.10	5.	0.000	11	0.	0.12	6.	0.000	95	0.	1.02	50.	0.003
3096	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3097	7.73	7.73	422	0.	4.52	221.	0.015	332	0.	3.55	174.	0.012	347	0.	3.72	182.	0.013
3098	7.73	7.73	563	0.	6.02	295.	0.020	436	0.	4.66	228.	0.016	412	0.	4.40	215.	0.015
3099	7.73	7.73	364	0.	3.89	190.	0.013	280	0.	3.00	147.	0.010	260	0.	2.79	136.	0.009
3100	7.73	7.73	156	0.	1.67	82.	0.006	120	0.	1.28	63.	0.004	120	0.	1.29	63.	0.004
3101	7.73	7.73	218	0.	2.33	114.	0.008	168	0.	1.80	88.	0.006	137	0.	1.47	72.	0.005
3102	7.73	7.73	438	0.	4.68	229.	0.016	339	0.	3.62	177.	0.012	261	0.	2.79	136.	0.009
3103	7.73	7.73	598	0.	6.40	313.	0.022	465	0.	4.97	243.	0.017	411	0.	4.40	215.	0.015
3104	7.73	7.73	498	0.	5.33	260.	0.018	391	0.	4.19	205.	0.014	353	0.	3.78	185.	0.013
3105	7.73	7.73	583	0.	6.24	305.	0.021	467	0.	4.99	244.	0.017	442	0.	4.72	231.	0.016
3106	7.73	7.73	556	0.	5.94	291.	0.020	433	0.	4.63	226.	0.016	388	0.	4.15	203.	0.014
3107	7.73	7.73	374	0.	4.00	196.	0.013	288	0.	3.08	151.	0.010	251	0.	2.68	131.	0.009
3108	7.73	7.73	215	0.	2.30	112.	0.008	164	0.	1.76	86.	0.006	154	0.	1.64	80.	0.006
3109	7.73	7.73	248	0.	2.65	130.	0.009	191	0.	2.04	100.	0.007	151	0.	1.61	79.	0.005
3110	7.73	7.73	435	0.	4.65	227.	0.016	336	0.	3.60	176.	0.012	257	0.	2.74	134.	0.009
3111	7.73	7.73	611	0.	6.54	320.	0.022	474	0.	5.06	248.	0.017	405	0.	4.33	212.	0.015
3112	7.73	7.73	689	0.	7.37	360.	0.025	541	0.	5.79	283.	0.020	487	0.	5.21	255.	0.018
3113	7.73	7.73	514	0.	5.50	269.	0.019	424	0.	4.54	222.	0.015	401	0.	4.29	210.	0.014
3114	7.73	7.73	469	0.	5.01	245.	0.017	372	0.	3.98	195.	0.013	341	0.	3.65	178.	0.012
3115	7.73	7.73	308	0.	3.29	161.	0.011	238	0.	2.54	124.	0.009	216	0.	2.31	113.	0.008
3116	7.73	7.73	177	0.	1.89	93.	0.006	135	0.	1.44	71.	0.005	132	0.	1.41	69.	0.005
3117	7.73	7.73	243	0.	2.60	127.	0.009	188	0.	2.01	98.	0.007	150	0.	1.60	78.	0.005
3118	7.73	7.73	458	0.	4.90	240.	0.017	356	0.	3.81	186.	0.013	266	0.	2.84	139.	0.010
3119	7.73	7.73	703	0.	7.51	367.	0.025	548	0.	5.86	286.	0.020	448	0.	4.79	234.	0.016
3120	7.73	7.73	768	0.	8.22	402.	0.028	604	0.	6.46	316.	0.022	544	0.	5.82	284.	0.020
3121	7.73	7.73	215	0.	2.30	113.	0.008	174	0.	1.87	91.	0.006	207	0.	2.22	109.	0.007
3122	7.73	7.73	375	0.	4.01	196.	0.014	294	0.	3.15	154.	0.011	281	0.	3.01	147.	0.010
3123	7.73	7.73	231	0.	2.47	121.	0.008	180	0.	1.92	94.	0.006	176	0.	1.89	92.	0.006
3124	7.73	7.73	80	0.	0.85	42.	0.003	62	0.	0.67	33.	0.002	83	0.	0.88	43.	0.003
3125	7.73	7.73	190	0.	2.04	100.	0.007	147	0.	1.57	77.	0.005	114	0.	1.22	60.	0.004
3126	7.73	7.73	439	0.	4.70	230.	0.016	341	0.	3.65	179.	0.012	252	0.	2.69	132.	0.009
3127	7.73	7.73	731	0.	7.82	382.	0.026	569	0.	6.08	297.	0.021	455	0.	4.87	238.	0.016
3128	7.73	7.73	736	0.	7.87	385.	0.027	576	0.	6.16	301.	0.021	528	0.	5.65	276.	0.019
3129	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3130	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3131	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3132	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3133	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	13	0.	0.14	7.	0.000
3134	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	46	0.	0.50	24.	0.002
3135	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	68	0.	0.73	36.	0.002
3136	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	109	0.	1.16	57.	0.004
3137	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3138	7.73	7.73	201	0.	2.15	105.	0.007	123	0.	1.31	64.	0.004	475	0.	5.08	249.	0.017
3139	7.73	7.73	577	0.	6.17	302.	0.021	436	0.	4.66	228.	0.016	420	0.	4.49	219.	0.015
3140	7.73	7.73	444	0.	4.75	232.	0.016	341	0.	3.64	178.	0.012	330	0.	3.53	173.	0.012
3141	7.73	7.73	698	0.	7.47	365.	0.025	563	0.	6.02	295.	0.020	534	0.	5.71	279.	0.019
3142	7.73	7.73	885	0.	9.46	463.	0.032	729	0.	7.80	381.	0.026	665	0.	7.11	348.	0.024
3143	7.73	7.73	774	0.	8.27	405.	0.028	590	0.	6.31	309.	0.021	534	0.	5.71	279.	0.019
3144	7.73	7.73	592	0.	6.33	309.	0.021	452	0.	4.83	236.	0.016	431	0.	4.61	225.	0.016
3145	7.73	7.73	762	0.	8.15	398.	0.027	600	0.	6.42	314.	0.022	568	0.	6.08	297.	0.020
3146	7.73	7.73	729	0.	7.80	381.	0.026	572	0.	6.11	299.	0.021	514	0.	5.50	269.	0.019
3147	7.73	7.73	635	0.	6.79	332.	0.023	490	0.	5.25	257.	0.018	429	0.	4.59	224.	0.015
3148	7.73	7.73	507	0.	5.42	265.	0.018	389	0.	4.16	204.	0.014	339	0.	3.62	177.	0.012
3149	7.73	7.73	662	0.	7.07	346.	0.024	534	0.	5.71	279.	0.019	506	0.	5.41	264.	0.018
3150	7.73	7.73	583	0.	6.23	305.	0.021	454	0.	4.86	238.	0.016	420	0.	4.49	219.	0.015
3151	7.73	7.73	447	0.	4.78	234.	0.016	345	0.	3.69	181.	0.012	310	0.	3.31	162.	0.011
3152	7.73	7.73	314	0.	3.36	164.	0.011	240	0.	2.57	126.	0.009	223	0.	2.38	117.	0.008
3153	7.73	7.73	451	0.	4.82	236.	0.016	360	0.	3.85	188.	0.013	370	0.	3.96	194.	0.013
3154	7.73	7.73	538	0.	5.76	282.	0.019	421	0.	4.51	220.	0.015	405	0.	4.33	212.	0.015
3155	7.73	7.73	416	0.	4.45	218.	0.015	321	0.	3.43	168.	0.012	273	0.	2.92	143.	0.010
3156	7.73	7.73	270	0.	2.89	141.	0.010	207	0.	2.21	108.	0.007	174	0.	1.86	91.	0.006
3157	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3158	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	61	0.	0.66	32.	0.002
3159	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	39	0.	0.41	20.	0.001
3160	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	13	0.	0.14	7.	0.000
3165	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3166	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	61	0.	0.66	32.	0.002
3167	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	39	0.	0.41	20.	0.001
3168	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	13	0.	0.14	7.	0.000
3169	7.73	7.73	460	0.	4.91	240.	0.017	362	0.	3.87	189.	0.013	370	0.	3.96	194.	0.013
3170	7.73	7.73	541	0.	5.78	283.	0.019	423	0.	4.52	221.	0.015	405	0.	4.33	212.	0.015
3171	7.73	7.73	418	0.	4.47	219.	0.015	321	0.	3.43	168.	0.012	273	0.	2.92	143.	0.010
3172	7.73	7.73	272	0.	2.91	142.	0.010	207	0.	2.21	108.	0.007	174	0.	1.86	91.	0.006
3173	7.73	7.73	668	0.	7.15	349.	0.024	534	0.	5.71	279.	0.019	506	0.	5.41	264.	0.018
3174	7.73	7.73	579	0.	6.19	303.	0.021	454	0.	4.85	237.	0.016	420	0.	4.49	219.	0.015
3175	7.73	7.73	440	0.	4.71	230.	0.016	345	0.	3.69	181.	0.012	310	0.	3.31	162.	0.011
3176	7.73	7.73	312	0.	3.33	163.	0.011	240	0.	2.57	126.	0.009	223	0.	2.38	117.	0.008
3177	7.73	7.73	750	0.	8.03	393.	0.027	600	0.	6.42	314.	0.022	568	0.	6.08	297.	0.020
3178	7.73	7.73	720	0.	7.70	377.	0.026	571	0.	6.10	299.	0.021	514	0.	5.50	269.	0.019
3179	7.73	7.73	630	0.	6.74	329.	0.023	489	0.	5.23	256.	0.018	429	0.	4.59	224.	0.015
3180	7.73	7.73	502	0.	5.37	263.	0.018	388	0.	4.15	203.	0.014	339	0.	3.62	177.	0.012
3181	7.73	7.73	661	0.	7.07	346.	0.024	563	0.	6.02	295.	0.020	534	0.	5.71	279.	0.019
3182	7.73	7.73	842	0.	9.01	441.	0.030	726	0.	7.77	380.	0.026	665	0.	7.11	348.	0.024
3183	7.73	7.73	754	0.	8.06	394.	0.027	586	0.	6.27	307.	0.021	534	0.	5.71	279.	0.019
3184	7.73	7.73	578	0.	6.18	302.	0.021	449	0.	4.80	235.	0.016	431	0.	4.61	225.	0.016
3185	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3186	7.73	7.73	116	0.	1.24	61.	0.004	103	0.	1.11	54.	0.004	475	0.	5.08	249.	0.017
3187	7.73	7.73	551	0.	5.89	288.	0.020	431	0.	4.61	225.	0.016	420	0.	4.49	219.	0.015
3188	7.73	7.73	432	0.	4.62	226.	0.016	338	0.	3.61	177.	0.012	330	0.	3.53	173.	0.012

3197	7.73	7.73	936	0.	10.00	489.	0.034	811	0.	8.68	424.	0.029	674	0.	7.21	353.	0.024
3198	7.73	7.73	1044	0.	11.16	546.	0.038	952	0.	10.18	498.	0.034	900	0.	9.63	471.	0.032
3199	7.73	7.73	882	0.	9.43	461.	0.032	811	0.	8.67	424.	0.029	788	0.	8.43	412.	0.028
3200	7.73	7.73	721	0.	7.71	377.	0.026	649	0.	6.94	339.	0.023	666	0.	7.12	348.	0.024
3201	7.73	7.73	586	0.	6.27	307.	0.021	520	0.	5.56	272.	0.019	406	0.	4.34	212.	0.015
3202	7.73	7.73	709	0.	7.58	371.	0.026	638	0.	6.82	334.	0.023	583	0.	6.24	305.	0.021
3203	7.73	7.73	710	0.	7.59	371.	0.026	642	0.	6.86	336.	0.023	621	0.	6.64	325.	0.022
3204	7.73	7.73	615	0.	6.58	322.	0.022	552	0.	5.90	289.	0.020	557	0.	5.96	291.	0.020
3205	7.73	7.73	214	0.	2.29	112.	0.008	200	0.	2.14	105.	0.007	172	0.	1.84	90.	0.006
3206	7.73	7.73	431	0.	4.61	225.	0.016	385	0.	4.11	201.	0.014	348	0.	3.73	182.	0.013
3207	7.73	7.73	506	0.	5.41	265.	0.018	449	0.	4.80	235.	0.016	438	0.	4.69	229.	0.016
3208	7.73	7.73	448	0.	4.79	234.	0.016	393	0.	4.20	205.	0.014	415	0.	4.44	217.	0.015
3209	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3210	7.73	7.73	228	0.	2.44	119.	0.008	205	0.	2.19	107.	0.007	226	0.	2.42	118.	0.008
3211	7.73	7.73	384	0.	4.10	201.	0.014	330	0.	3.53	173.	0.012	336	0.	3.59	176.	0.012
3212	7.73	7.73	357	0.	3.82	187.	0.013	289	0.	3.09	151.	0.010	316	0.	3.38	165.	0.011
3213	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3214	7.73	7.73	82	0.	0.87	43.	0.003	85	0.	0.91	44.	0.003	179	0.	1.91	94.	0.006
3215	7.73	7.73	345	0.	3.69	181.	0.012	285	0.	3.04	149.	0.010	311	0.	3.33	163.	0.011
3216	7.73	7.73	309	0.	3.31	162.	0.011	247	0.	2.64	129.	0.009	260	0.	2.78	136.	0.009
3217	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3218	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3219	7.73	7.73	224	0.	2.39	117.	0.008	198	0.	2.12	104.	0.007	220	0.	2.36	115.	0.008
3220	7.73	7.73	227	0.	2.43	119.	0.008	194	0.	2.07	101.	0.007	199	0.	2.13	104.	0.007
3221	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3222	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3223	7.73	7.73	135	0.	1.44	70.	0.005	139	0.	1.48	73.	0.005	145	0.	1.55	76.	0.005
3224	7.73	7.73	140	0.	1.50	73.	0.005	114	0.	1.22	60.	0.004	113	0.	1.21	59.	0.004
3225	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3226	7.73	7.73	44	0.	0.47	23.	0.002	50	0.	0.54	26.	0.002	93	0.	0.99	49.	0.003
3227	7.73	7.73	249	0.	2.66	130.	0.009	209	0.	2.24	109.	0.008	192	0.	2.05	100.	0.007
3228	7.73	7.73	207	0.	2.21	108.	0.007	163	0.	1.74	85.	0.006	148	0.	1.58	77.	0.005
3229	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3230	7.73	7.73	8	0.	0.09	4.	0.000	15	0.	0.17	8.	0.001	43	0.	0.46	22.	0.002
3231	7.73	7.73	111	0.	1.19	58.	0.004	115	0.	1.23	60.	0.004	104	0.	1.11	54.	0.004
3232	7.73	7.73	144	0.	1.54	75.	0.005	116	0.	1.24	61.	0.004	108	0.	1.16	57.	0.004
3233	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3234	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3235	7.73	7.73	12	0.	0.13	6.	0.000	15	0.	0.16	8.	0.001	17	0.	0.18	9.	0.001
3236	7.73	7.73	51	0.	0.54	26.	0.002	45	0.	0.48	23.	0.002	49	0.	0.52	26.	0.002
3237	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3238	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3239	7.73	7.73	11	0.	0.12	6.	0.000	14	0.	0.15	7.	0.000	30	0.	0.32	16.	0.001
3240	7.73	7.73	58	0.	0.62	30.	0.002	50	0.	0.53	26.	0.002	61	0.	0.65	32.	0.002
3241	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3242	7.73	7.73	18	0.	0.19	9.	0.001	20	0.	0.21	10.	0.001	43	0.	0.46	22.	0.002
3243	7.73	7.73	111	0.	1.19	58.	0.004	90	0.	0.96	47.	0.003	105	0.	1.13	55.	0.004
3244	7.73	7.73	138	0.	1.47	72.	0.005	110	0.	1.18	57.	0.004	112	0.	1.20	59.	0.004
3245	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3246	7.73	7.73	11	0.	0.12	6.	0.000	57	0.	0.61	30.	0.002	91	0.	0.97	47.	0.003
3247	7.73	7.73	257	0.	2.75	135.	0.009	205	0.	2.19	107.	0.007	192	0.	2.05	100.	0.007
3248	7.73	7.73	191	0.	2.05	100.	0.007	154	0.	1.65	81.	0.006	153	0.	1.63	80.	0.006
3249	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3250	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3251	7.73	7.73	153	0.	1.64	80.	0.006	156	0.	1.67	82.	0.006	135	0.	1.44	71.	0.005
3252	7.73	7.73	140	0.	1.50	73.	0.005	113	0.	1.21	59.	0.004	110	0.	1.18	58.	0.004
3253	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3254	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3255	7.73	7.73	132	0.	1.41	69.	0.005	147	0.	1.57	77.	0.005	157	0.	1.68	82.	0.006
3256	7.73	7.73	138	0.	1.47	72.	0.005	112	0.	1.20	58.	0.004	120	0.	1.28	63.	0.004
3257	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3258	7.73	7.73	44	0.	0.48	23.	0.002	50	0.	0.53	26.	0.002	93	0.	1.00	49.	0.003
3259	7.73	7.73	267	0.	2.85	140.	0.010	211	0.	2.26	110.	0.008	195	0.	2.09	102.	0.007
3260	7.73	7.73	216	0.	2.31	113.	0.008	171	0.	1.82	89.	0.006	156	0.	1.67	82.	0.006
3261	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3262	7.73	7.73	12	0.	0.13	6.	0.000	18	0.	0.19	10.	0.001	47	0.	0.50	25.	0.002
3263	7.73	7.73	149	0.	1.60	78.	0.005	121	0.	1.29	63.	0.004	110	0.	1.18	58.	0.004
3264	7.73	7.73	154	0.	1.65	80.	0.006	124	0.	1.32	65.	0.004	117	0.	1.25	61.	0.004
3265	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3266	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3267	7.73	7.73	31	0.	0.34	16.	0.001	29	0.	0.31	15.	0.001	40	0.	0.43	21.	0.001
3268	7.73	7.73	66	0.	0.70	34.	0.002	56	0.	0.60	29.	0.002	66	0.	0.71	35.	0.002
3269	7.73	7.73	34	0.	0.36	18.	0.001	23	0.	0.24	12.	0.001	38	0.	0.41	20.	0.001
3270	7.73	7.73	54	0.	0.57	28.	0.002	41	0.	0.43	21.	0.001	40	0.	0.43	21.	0.001
3271	7.73	7.73	52	0.	0.56	27.	0.002	43	0.	0.46	22.	0.002	32	0.	0.35	17.	0.001
3272	7.73	7.73	49	0.	0.53	26.	0.002	61	0.	0.65	32.	0.002	50	0.	0.53	26.	0.002
3273	7.73	7.73	32	0.	0.34	17.	0.001	21	0.	0.23	11.	0.001	69	0.	0.74	36.	0.002
3274	7.73	7.73	162	0.	1.73	85.	0.006	122	0.	1.31	64.	0.004	123	0.	1.31	64.	0.004
3275	7.73	7.73	167	0.	1.79	88.	0.006	148	0.	1.58	77.	0.005	119	0.	1.27	62.	0.004
3276	7.73	7.73	121	0.	1.30	63.	0.004	119	0.	1.28	62.	0.004	100	0.	1.07	52.	0.004
3277	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	8	0.	0.08	4.	0.000
3278	7.73	7.73	236	0.	2.53	123.	0.009	184	0.	1.97	96.	0.007	187	0.	2.00	98.	0.007
3279	7.73	7.73	239	0.	2.56	125.	0.009	192	0.	2.05	100.	0.007	189	0.	2.02	99.	0.007
3280	7.73	7.73	171	0.	1.83	89.	0.006	142	0.	1.51	74.	0.005	134	0.	1.44	70.	0.005
3281	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3282	7.73	7.73	45	0.	0.48	23.	0.002	39	0.	0.42	21.	0.001	75	0.	0.80	39.	0.003
3283	7.73	7.73	189	0.	2.03	99.	0.007	151	0.	1.61	79.	0.005	153	0.	1.64	80.	0.006
3284	7.73	7.73	158	0.	1.69	82.	0.006	129	0.	1.37	67.	0.005	128	0.	1.37	67.	0.005
3293	7.73	7.73	717	0.	7.67	375.	0.026	648	0.	6.93	339.	0.023	666	0.	7.12	348.	0.024
3294	7.73	7.73	881	0.	9.42	461.	0.032	811	0.	8.67	424.	0.029	788	0.	8.43	412.	0.028
3295	7.73	7.73	1039	0.	11.11	543.	0.037	951	0.	10.17	498.	0.034	900	0.	9.63	471.	0.032
3296	7.73	7.73	890	0.	9.52	466.	0.032	804	0.	8.60	421.	0.029	674	0.	7.21	353.	0.024
3297	7.73	7.73	611	0.	6.53	319.	0.022	551	0.	5.89	288.	0.020	557	0.	5.96	291.	0.020
3298	7.73	7.73	705	0.	7.54	369.	0.025	641	0.	6.86	335.	0.023	621	0.	6.64	325.	0.022
3299	7.73	7.73	702	0.	7.51	367.	0.025	637	0.	6.81	333.	0.023	583	0.	6.24	305.	0.021
3300	7.73	7.73	571	0.	6.10	298.	0.021	517	0.	5.53	270.	0.019	406	0.	4.34	212.	0.015
3301	7.73	7.73	443	0.	4.73	232.	0.016	392	0.	4.19	205.	0.014	415	0.	4.44	217.	0.015
3302	7.73	7.73	501	0.	5.36	262.	0.018	448	0.	4.79	234.	0.016	438	0.	4.69	229.	0.016
3303	7.73	7.73	427	0.	4.57	224.	0.015	384	0.	4.11	201.	0.014	348	0.	3.73	182.	0.013
3304	7.73	7.73	214	0.	2.28	112.	0.008	201	0.	2.15	105.	0.007	172	0.	1.84	90.	0.006
3305	7.73	7.73	352	0.	3.76	184.	0.013	289	0.	3.09	151.	0.010	316	0.	3.38	165.	0.011
3306	7.73	7.73	380	0.	4.06	199.	0.014	330	0.	3.53	172.	0.012	336	0.	3.59	176.	0.012

3307	7.73	7.73	232	0.	2.49	122.	0.008	243	0.	2.60	127.	0.009	226	0.	2.42	118.	0.008
3308	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3309	7.73	7.73	305	0.	3.26	159.	0.011	245	0.	2.62	128.	0.009	260	0.	2.78	136.	0.009
3310	7.73	7.73	343	0.	3.67	179.	0.012	284	0.	3.04	148.	0.010	311	0.	3.33	163.	0.011
3311	7.73	7.73	98	0.	1.05	51.	0.004	108	0.	1.15	56.	0.004	179	0.	1.91	94.	0.006
3312	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3313	7.73	7.73	230	0.	2.46	120.	0.008	169	0.	1.81	89.	0.006	199	0.	2.13	104.	0.007
3314	7.73	7.73	242	0.	2.59	127.	0.009	198	0.	2.12	104.	0.007	220	0.	2.36	115.	0.008
3315	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3316	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3317	7.73	7.73	139	0.	1.49	73.	0.005	119	0.	1.28	62.	0.004	113	0.	1.21	59.	0.004
3318	7.73	7.73	170	0.	1.82	89.	0.006	140	0.	1.49	73.	0.005	145	0.	1.55	76.	0.005
3319	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3320	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3321	7.73	7.73	203	0.	2.17	106.	0.007	162	0.	1.74	85.	0.006	148	0.	1.58	77.	0.005
3322	7.73	7.73	264	0.	2.83	138.	0.010	209	0.	2.24	109.	0.008	192	0.	2.05	100.	0.007
3323	7.73	7.73	66	0.	0.70	34.	0.002	55	0.	0.58	29.	0.002	93	0.	0.99	49.	0.003
3324	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3325	7.73	7.73	143	0.	1.53	75.	0.005	116	0.	1.24	60.	0.004	108	0.	1.16	57.	0.004
3326	7.73	7.73	146	0.	1.56	76.	0.005	116	0.	1.24	61.	0.004	104	0.	1.11	54.	0.004
3327	7.73	7.73	21	0.	0.23	11.	0.001	18	0.	0.19	9.	0.001	43	0.	0.46	22.	0.002
3328	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3329	7.73	7.73	52	0.	0.56	27.	0.002	45	0.	0.48	24.	0.002	49	0.	0.52	26.	0.002
3330	7.73	7.73	17	0.	0.18	9.	0.001	16	0.	0.17	8.	0.001	17	0.	0.18	9.	0.001
3331	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3332	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3333	7.73	7.73	57	0.	0.61	30.	0.002	50	0.	0.53	26.	0.002	61	0.	0.65	32.	0.002
3334	7.73	7.73	13	0.	0.14	7.	0.000	14	0.	0.15	8.	0.001	30	0.	0.32	16.	0.001
3335	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3336	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3337	7.73	7.73	135	0.	1.45	71.	0.005	109	0.	1.17	57.	0.004	112	0.	1.20	59.	0.004
3338	7.73	7.73	112	0.	1.20	59.	0.004	90	0.	0.96	47.	0.003	105	0.	1.13	55.	0.004
3339	7.73	7.73	27	0.	0.29	14.	0.001	23	0.	0.25	12.	0.001	43	0.	0.46	22.	0.002
3340	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3341	7.73	7.73	189	0.	2.02	99.	0.007	153	0.	1.64	80.	0.006	153	0.	1.63	80.	0.006
3342	7.73	7.73	257	0.	2.75	134.	0.009	205	0.	2.19	107.	0.007	192	0.	2.05	100.	0.007
3343	7.73	7.73	29	0.	0.31	15.	0.001	61	0.	0.66	32.	0.002	91	0.	0.97	47.	0.003
3344	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3345	7.73	7.73	139	0.	1.49	73.	0.005	113	0.	1.21	59.	0.004	110	0.	1.18	58.	0.004
3346	7.73	7.73	158	0.	1.69	82.	0.006	156	0.	1.67	82.	0.006	135	0.	1.44	71.	0.005
3347	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3348	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3349	7.73	7.73	137	0.	1.46	71.	0.005	112	0.	1.19	58.	0.004	120	0.	1.28	63.	0.004
3350	7.73	7.73	138	0.	1.47	72.	0.005	148	0.	1.58	77.	0.005	157	0.	1.68	82.	0.006
3351	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3352	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3353	7.73	7.73	212	0.	2.27	111.	0.008	170	0.	1.82	89.	0.006	156	0.	1.67	82.	0.006
3354	7.73	7.73	267	0.	2.86	140.	0.010	211	0.	2.26	110.	0.008	195	0.	2.09	102.	0.007
3355	7.73	7.73	65	0.	0.69	34.	0.002	54	0.	0.57	28.	0.002	93	0.	1.00	49.	0.003
3356	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3357	7.73	7.73	153	0.	1.64	80.	0.006	124	0.	1.32	65.	0.004	117	0.	1.25	61.	0.004
3358	7.73	7.73	153	0.	1.64	80.	0.006	121	0.	1.30	64.	0.004	110	0.	1.18	58.	0.004
3359	7.73	7.73	25	0.	0.27	13.	0.001	21	0.	0.22	11.	0.001	47	0.	0.50	25.	0.002
3360	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3361	7.73	7.73	68	0.	0.72	35.	0.002	57	0.	0.61	30.	0.002	66	0.	0.71	35.	0.002
3362	7.73	7.73	36	0.	0.39	19.	0.001	30	0.	0.32	16.	0.001	40	0.	0.43	21.	0.001
3363	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3364	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3365	7.73	7.73	48	0.	0.51	25.	0.002	60	0.	0.64	31.	0.002	50	0.	0.53	26.	0.002
3366	7.73	7.73	50	0.	0.54	26.	0.002	42	0.	0.45	22.	0.002	32	0.	0.35	17.	0.001
3367	7.73	7.73	52	0.	0.56	27.	0.002	40	0.	0.43	21.	0.001	40	0.	0.43	21.	0.001
3368	7.73	7.73	35	0.	0.38	18.	0.001	23	0.	0.25	12.	0.001	38	0.	0.41	20.	0.001
3369	7.73	7.73	117	0.	1.26	61.	0.004	119	0.	1.27	62.	0.004	100	0.	1.07	52.	0.004
3370	7.73	7.73	163	0.	1.74	85.	0.006	147	0.	1.57	77.	0.005	119	0.	1.27	62.	0.004
3371	7.73	7.73	160	0.	1.71	84.	0.006	122	0.	1.30	64.	0.004	123	0.	1.31	64.	0.004
3372	7.73	7.73	41	0.	0.44	22.	0.001	24	0.	0.26	13.	0.001	69	0.	0.74	36.	0.002
3373	7.73	7.73	166	0.	1.77	87.	0.006	140	0.	1.50	73.	0.005	134	0.	1.44	70.	0.005
3374	7.73	7.73	235	0.	2.51	123.	0.008	204	0.	2.18	107.	0.007	189	0.	2.02	99.	0.007
3375	7.73	7.73	237	0.	2.54	124.	0.009	185	0.	1.98	97.	0.007	187	0.	2.00	98.	0.007
3376	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	8	0.	0.08	4.	0.000
3377	7.73	7.73	155	0.	1.66	81.	0.006	128	0.	1.37	67.	0.005	128	0.	1.37	67.	0.005
3378	7.73	7.73	189	0.	2.03	99.	0.007	169	0.	1.80	88.	0.006	153	0.	1.64	80.	0.006
3379	7.73	7.73	55	0.	0.59	29.	0.002	42	0.	0.45	22.	0.002	75	0.	0.80	39.	0.003
3380	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3399	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3400	7.73	7.73	47	0.	0.50	24.	0.002	41	0.	0.43	21.	0.001	74	0.	0.79	39.	0.003
3401	7.73	7.73	169	0.	1.81	89.	0.006	133	0.	1.42	70.	0.005	152	0.	1.63	80.	0.005
3402	7.73	7.73	173	0.	1.85	91.	0.006	142	0.	1.52	74.	0.005	127	0.	1.36	67.	0.005
3403	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	8	0.	0.08	4.	0.000
3404	7.73	7.73	223	0.	2.38	117.	0.008	177	0.	1.90	93.	0.006	188	0.	2.01	98.	0.007
3405	7.73	7.73	256	0.	2.74	134.	0.009	199	0.	2.13	104.	0.007	191	0.	2.04	100.	0.007
3406	7.73	7.73	177	0.	1.90	93.	0.006	143	0.	1.53	75.	0.005	135	0.	1.44	70.	0.005
3407	7.73	7.73	88	0.	0.94	46.	0.003	65	0.	0.69	34.	0.002	80	0.	0.86	42.	0.003
3408	7.73	7.73	172	0.	1.84	90.	0.006	133	0.	1.43	70.	0.005	131	0.	1.40	68.	0.005
3409	7.73	7.73	178	0.	1.91	93.	0.006	139	0.	1.49	73.	0.005	123	0.	1.31	64.	0.004
3410	7.73	7.73	132	0.	1.41	69.	0.005	106	0.	1.13	55.	0.004	102	0.	1.09	53.	0.004
3411	7.73	7.73	40	0.	0.43	21.	0.001	27	0.	0.29	14.	0.001	52	0.	0.56	27.	0.002
3412	7.73	7.73	50	0.	0.54	26.	0.002	38	0.	0.40	20.	0.001	49	0.	0.52	26.	0.002
3413	7.73	7.73	50	0.	0.54	26.	0.002	41	0.	0.44	22.	0.001	37	0.	0.39	19.	0.001
3414	7.73	7.73	50	0.	0.53	26.	0.002	44	0.	0.47	23.	0.002	52	0.	0.56	27.	0.002
3415	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3416	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	1	0.	0.02	1.	0.000
3417	7.73	7.73	40	0.	0.43	21.	0.001	35	0.	0.38	18.	0.001	40	0.	0.43	21.	0.001
3418	7.73	7.73	67	0.	0.72	35.	0.002	75	0.	0.80	39.	0.003	65	0.	0.70	34.	0.002
3419	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3420	7.73	7.73	21	0.	0.23	11.	0.001	23	0.	0.24	12.	0.001	46	0.	0.49	24.	0.002
3421	7.73	7.73	146	0.	1.56	76.	0.005	116	0.	1.24	61.	0.004	109	0.	1.16	57.	0.004
3422	7.73	7.73	142	0.	1.51	74.	0.005	122	0.	1.30	64.	0.004	115	0.	1.23	60.	0.004
3423	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3424	7.73	7.73	45	0.	0.48	23.	0.002	82	0.	0.88	43.	0.003	92	0.	0.98	48.	0.003
3425	7.73	7.73	272	0.	2.91	142.	0.010	216	0.	2.31	113.	0.008	192	0.	2.06	101.	0.007
3426	7.73	7.73	200	0.	2.14	104.	0.007	160	0.	1.72	84.	0.006	154	0.	1.65	81.	0.006

3427	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3428	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3429	7.73	7.73	174	0.	1.86	91.	0.006	165	0.	1.76	86.	0.006	153	0.	1.64	80.	0.006
3430	7.73	7.73	148	0.	1.58	77.	0.005	120	0.	1.28	63.	0.004	117	0.	1.26	61.	0.004
3431	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3432	7.73	7.73	35	0.	0.37	18.	0.001	35	0.	0.37	18.	0.001	84	0.	0.90	44.	0.003
3433	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3434	7.73	7.73	173	0.	1.85	91.	0.006	140	0.	1.50	73.	0.005	158	0.	1.69	83.	0.006
3435	7.73	7.73	34	0.	0.37	18.	0.001	28	0.	0.30	15.	0.001	43	0.	0.46	22.	0.002
3436	7.73	7.73	126	0.	1.35	66.	0.005	102	0.	1.09	53.	0.004	117	0.	1.26	61.	0.004
3437	7.73	7.73	8	0.	0.09	4.	0.000	8	0.	0.09	4.	0.000	32	0.	0.35	17.	0.001
3438	7.73	7.73	71	0.	0.76	37.	0.003	60	0.	0.64	31.	0.002	75	0.	0.81	39.	0.003
3439	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3440	7.73	7.73	2	0.	0.02	1.	0.000	13	0.	0.14	7.	0.000	31	0.	0.33	16.	0.001
3441	7.73	7.73	6	0.	0.06	3.	0.000	6	0.	0.07	3.	0.000	28	0.	0.30	14.	0.001
3442	7.73	7.73	58	0.	0.62	30.	0.002	42	0.	0.44	22.	0.001	73	0.	0.78	38.	0.003
3443	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	36	0.	0.39	19.	0.001
3444	7.73	7.73	120	0.	1.28	63.	0.004	97	0.	1.04	51.	0.003	115	0.	1.23	60.	0.004
3445	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3446	7.73	7.73	157	0.	1.68	82.	0.006	127	0.	1.36	67.	0.005	157	0.	1.68	82.	0.006
3447	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3448	7.73	7.73	116	0.	1.24	60.	0.004	96	0.	1.02	50.	0.003	83	0.	0.89	43.	0.003
3449	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3450	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3451	7.73	7.73	114	0.	1.22	60.	0.004	122	0.	1.30	64.	0.004	128	0.	1.37	67.	0.005
3452	7.73	7.73	127	0.	1.36	67.	0.005	103	0.	1.11	54.	0.004	105	0.	1.13	55.	0.004
3453	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3454	7.73	7.73	32	0.	0.34	17.	0.001	39	0.	0.42	21.	0.001	81	0.	0.86	42.	0.003
3455	7.73	7.73	230	0.	2.46	120.	0.008	182	0.	1.94	95.	0.007	178	0.	1.90	93.	0.006
3456	7.73	7.73	196	0.	2.09	102.	0.007	155	0.	1.66	81.	0.006	140	0.	1.50	73.	0.005
3457	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3458	7.73	7.73	0.	0.	0.00	0.	0.000	3	0.	0.03	2.	0.000	29	0.	0.31	15.	0.001
3459	7.73	7.73	74	0.	0.79	39.	0.003	71	0.	0.76	37.	0.003	85	0.	0.91	45.	0.003
3460	7.73	7.73	113	0.	1.21	59.	0.004	93	0.	0.99	48.	0.003	92	0.	0.99	48.	0.003
3461	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3462	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3463	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3464	7.73	7.73	6	0.	0.07	3.	0.000	11	0.	0.12	6.	0.000	30	0.	0.32	15.	0.001
3465	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3466	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	2	0.	0.02	1.	0.000
3467	7.73	7.73	51	0.	0.55	27.	0.002	44	0.	0.47	23.	0.002	45	0.	0.48	23.	0.002
3468	7.73	7.73	95	0.	1.01	49.	0.003	100	0.	1.07	52.	0.004	87	0.	0.93	45.	0.003
3469	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3470	7.73	7.73	23	0.	0.24	12.	0.001	65	0.	0.69	34.	0.002	61	0.	0.65	32.	0.002
3471	7.73	7.73	197	0.	2.10	103.	0.007	153	0.	1.64	80.	0.006	145	0.	1.55	76.	0.005
3472	7.73	7.73	223	0.	2.38	117.	0.008	189	0.	2.02	99.	0.007	160	0.	1.71	84.	0.006
3473	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3474	7.73	7.73	48	0.	0.52	25.	0.002	68	0.	0.73	36.	0.002	127	0.	1.35	66.	0.005
3475	7.73	7.73	394	0.	4.21	206.	0.014	342	0.	3.66	179.	0.012	280	0.	2.99	146.	0.010
3476	7.73	7.73	306	0.	3.28	160.	0.011	253	0.	2.70	132.	0.009	227	0.	2.43	119.	0.008
3477	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3478	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	111	0.	1.19	58.	0.004
3479	7.73	7.73	535	0.	5.72	280.	0.019	483	0.	5.17	253.	0.017	410	0.	4.38	214.	0.015
3480	7.73	7.73	359	0.	3.84	188.	0.013	285	0.	3.04	149.	0.010	276	0.	2.95	144.	0.010
3481	7.73	7.73	126	0.	1.35	66.	0.005	103	0.	1.10	54.	0.004	105	0.	1.13	55.	0.004
3482	7.73	7.73	149	0.	1.60	78.	0.005	122	0.	1.31	64.	0.004	128	0.	1.37	67.	0.005
3483	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3484	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3485	7.73	7.73	192	0.	2.05	100.	0.007	155	0.	1.65	81.	0.006	140	0.	1.50	73.	0.005
3486	7.73	7.73	230	0.	2.46	120.	0.008	182	0.	1.95	95.	0.007	178	0.	1.90	93.	0.006
3487	7.73	7.73	51	0.	0.55	27.	0.002	43	0.	0.46	23.	0.002	81	0.	0.86	42.	0.003
3488	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3489	7.73	7.73	113	0.	1.21	59.	0.004	93	0.	0.99	48.	0.003	92	0.	0.99	48.	0.003
3490	7.73	7.73	78	0.	0.84	41.	0.003	72	0.	0.77	38.	0.003	85	0.	0.91	45.	0.003
3491	7.73	7.73	5	0.	0.06	3.	0.000	6	0.	0.06	3.	0.000	29	0.	0.31	15.	0.001
3492	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3493	7.73	7.73	7	0.	0.07	4.	0.000	11	0.	0.12	6.	0.000	30	0.	0.32	15.	0.001
3494	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3495	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3496	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3497	7.73	7.73	93	0.	0.99	48.	0.003	100	0.	1.07	52.	0.004	87	0.	0.93	45.	0.003
3498	7.73	7.73	52	0.	0.56	27.	0.002	44	0.	0.47	23.	0.002	45	0.	0.48	23.	0.002
3499	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	2	0.	0.02	1.	0.000
3500	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3501	7.73	7.73	219	0.	2.34	115.	0.008	188	0.	2.01	98.	0.007	160	0.	1.71	84.	0.006
3502	7.73	7.73	196	0.	2.10	103.	0.007	153	0.	1.64	80.	0.006	145	0.	1.55	76.	0.005
3503	7.73	7.73	35	0.	0.37	18.	0.001	67	0.	0.72	35.	0.002	61	0.	0.65	32.	0.002
3504	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3505	7.73	7.73	299	0.	3.20	156.	0.011	252	0.	2.69	132.	0.009	227	0.	2.43	119.	0.008
3506	7.73	7.73	435	0.	4.65	227.	0.016	341	0.	3.65	178.	0.012	280	0.	2.99	146.	0.010
3507	7.73	7.73	71	0.	0.76	37.	0.003	75	0.	0.80	39.	0.003	127	0.	1.35	66.	0.005
3508	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3509	7.73	7.73	349	0.	3.73	183.	0.013	283	0.	3.03	148.	0.010	276	0.	2.95	144.	0.010
3510	7.73	7.73	610	0.	6.52	319.	0.022	482	0.	5.15	252.	0.017	410	0.	4.38	214.	0.015
3511	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	111	0.	1.19	58.	0.004
3512	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3513	7.73	7.73	171	0.	1.83	89.	0.006	142	0.	1.51	74.	0.005	127	0.	1.36	67.	0.005
3514	7.73	7.73	166	0.	1.77	87.	0.006	132	0.	1.42	69.	0.005	152	0.	1.63	80.	0.005
3515	7.73	7.73	47	0.	0.50	25.	0.002	41	0.	0.44	21.	0.001	74	0.	0.79	39.	0.003
3516	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3517	7.73	7.73	174	0.	1.86	91.	0.006	143	0.	1.52	75.	0.005	135	0.	1.44	70.	0.005
3518	7.73	7.73	248	0.	2.66	130.	0.009	197	0.	2.11	103.	0.007	191	0.	2.04	100.	0.007
3519	7.73	7.73	219	0.	2.34	114.	0.008	177	0.	1.89	93.	0.006	188	0.	2.01	98.	0.007
3520	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	8	0.	0.08	4.	0.000
3521	7.73	7.73	129	0.	1.38	68.	0.005	106	0.	1.13	55.	0.004	102	0.	1.09	53.	0.004
3522	7.73	7.73	176	0.	1.88	92.	0.006	139	0.	1.48	72.	0.005	123	0.	1.31	64.	0.004
3523	7.73	7.73	168	0.	1.80	88.	0.006	132	0.	1.42	69.	0.005	131	0.	1.40	68.	0.005
3524	7.73	7.73	87	0.	0.93	46.	0.003	64	0.	0.69	34.	0.002	80	0.	0.86	42.	0.003
3525	7.73	7.73	51	0.	0.54	27.	0.002	44	0.	0.47	23.	0.002	52	0.	0.56	27.	0.002
3526	7.73	7.73	53	0.	0.57	28.	0.002	42	0.	0.45	22.	0.002	37	0.	0.39	19.	0.001
3527	7.73	7.73	54	0.	0.57	28.	0.002	38	0.	0.41	20.	0.001	49	0.	0.52	26.	0.002
3528	7.73	7.73	47	0.	0.50	25.	0.002	28	0.	0.30	15.	0.001	52	0.	0.56	27.	0.002

3529	7.73	7.73	67	0.	0.71	35.	0.002	75	0.	0.80	39.	0.003	65	0.	0.70	34.	0.002
3530	7.73	7.73	43	0.	0.46	22.	0.002	36	0.	0.39	19.	0.001	40	0.	0.43	21.	0.001
3531	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	1	0.	0.02	1.	0.000
3532	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3533	7.73	7.73	139	0.	1.49	73.	0.005	121	0.	1.30	63.	0.004	115	0.	1.23	60.	0.004
3534	7.73	7.73	147	0.	1.57	77.	0.005	116	0.	1.24	61.	0.004	109	0.	1.16	57.	0.004
3535	7.73	7.73	32	0.	0.35	17.	0.001	26	0.	0.28	14.	0.001	46	0.	0.49	24.	0.002
3536	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3537	7.73	7.73	198	0.	2.11	103.	0.007	160	0.	1.71	84.	0.006	154	0.	1.65	81.	0.006
3538	7.73	7.73	272	0.	2.91	142.	0.010	216	0.	2.31	113.	0.008	192	0.	2.06	101.	0.007
3539	7.73	7.73	63	0.	0.68	33.	0.002	87	0.	0.93	45.	0.003	92	0.	0.98	48.	0.003
3540	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3541	7.73	7.73	147	0.	1.57	77.	0.005	119	0.	1.28	62.	0.004	117	0.	1.26	61.	0.004
3542	7.73	7.73	203	0.	2.17	106.	0.007	165	0.	1.76	86.	0.006	153	0.	1.64	80.	0.006
3543	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3544	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3545	7.73	7.73	43	0.	0.46	23.	0.002	36	0.	0.39	19.	0.001	84	0.	0.90	44.	0.003
3546	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3547	7.73	7.73	171	0.	1.83	90.	0.006	140	0.	1.50	73.	0.005	158	0.	1.69	83.	0.006
3548	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3549	7.73	7.73	128	0.	1.37	67.	0.005	102	0.	1.10	54.	0.004	117	0.	1.26	61.	0.004
3550	7.73	7.73	38	0.	0.41	20.	0.001	27	0.	0.29	14.	0.001	43	0.	0.46	22.	0.002
3551	7.73	7.73	74	0.	0.79	38.	0.003	60	0.	0.65	32.	0.002	75	0.	0.81	39.	0.003
3552	7.73	7.73	11	0.	0.12	6.	0.000	9	0.	0.09	5.	0.000	32	0.	0.35	17.	0.001
3553	7.73	7.73	5	0.	0.06	3.	0.000	14	0.	0.15	7.	0.001	31	0.	0.33	16.	0.001
3554	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3555	7.73	7.73	55	0.	0.59	29.	0.002	41	0.	0.44	22.	0.001	73	0.	0.78	38.	0.003
3556	7.73	7.73	3	0.	0.03	2.	0.000	5	0.	0.06	3.	0.000	28	0.	0.30	14.	0.001
3557	7.73	7.73	116	0.	1.24	61.	0.004	96	0.	1.02	50.	0.003	115	0.	1.23	60.	0.004
3558	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	36	0.	0.39	19.	0.001
3559	7.73	7.73	157	0.	1.68	82.	0.006	127	0.	1.36	67.	0.005	157	0.	1.68	82.	0.006
3560	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3561	7.73	7.73	117	0.	1.25	61.	0.004	96	0.	1.03	50.	0.003	83	0.	0.89	43.	0.003
3562	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3563	7.73	7.73	677	0.	7.24	354.	0.024	624	0.	6.67	326.	0.022	519	0.	5.56	272.	0.019
3564	7.73	7.73	675	0.	7.22	353.	0.024	624	0.	6.67	326.	0.022	519	0.	5.56	272.	0.019
3565	7.73	7.73	358	0.	3.83	187.	0.013	330	0.	3.53	173.	0.012	261	0.	2.79	137.	0.009
3566	7.73	7.73	357	0.	3.82	187.	0.013	330	0.	3.53	173.	0.012	261	0.	2.79	137.	0.009
3567	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	55	0.	0.59	29.	0.002
3568	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	55	0.	0.59	29.	0.002
3569	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3570	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3571	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3572	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3573	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3574	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3575	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3576	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3577	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3578	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3579	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3580	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3581	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3582	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3583	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3584	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3585	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3586	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3587	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3588	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3589	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3590	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3591	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3592	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3593	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3594	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3595	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3596	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3597	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3598	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3599	7.73	7.73	130	0.	1.39	68.	0.005	65	0.	0.69	34.	0.002	51	0.	0.54	27.	0.002
3600	7.73	7.73	135	0.	1.45	71.	0.005	66	0.	0.70	34.	0.002	51	0.	0.54	27.	0.002
3601	7.73	7.73	280	0.	2.99	146.	0.010	210	0.	2.24	110.	0.008	144	0.	1.54	75.	0.005
3602	7.73	7.73	285	0.	3.05	149.	0.010	211	0.	2.26	110.	0.008	144	0.	1.54	75.	0.005
3603	7.73	7.73	420	0.	4.49	219.	0.015	318	0.	3.40	166.	0.011	255	0.	2.73	134.	0.009
3604	7.73	7.73	424	0.	4.53	222.	0.015	319	0.	3.41	167.	0.011	255	0.	2.73	134.	0.009
3605	7.73	7.73	472	0.	5.04	247.	0.017	362	0.	3.87	189.	0.013	325	0.	3.48	170.	0.012
3606	7.73	7.73	472	0.	5.05	247.	0.017	362	0.	3.87	189.	0.013	325	0.	3.48	170.	0.012
3607	7.73	7.73	446	0.	4.77	233.	0.016	350	0.	3.74	183.	0.013	328	0.	3.51	171.	0.012
3608	7.73	7.73	436	0.	4.67	228.	0.016	350	0.	3.74	183.	0.013	328	0.	3.51	171.	0.012
3609	7.73	7.73	383	0.	4.09	200.	0.014	293	0.	3.13	153.	0.011	270	0.	2.89	141.	0.010
3610	7.73	7.73	388	0.	4.15	203.	0.014	295	0.	3.15	154.	0.011	270	0.	2.89	141.	0.010
3611	7.73	7.73	264	0.	2.82	138.	0.009	197	0.	2.11	103.	0.007	174	0.	1.86	91.	0.006
3612	7.73	7.73	273	0.	2.92	143.	0.010	199	0.	2.13	104.	0.007	174	0.	1.86	91.	0.006
3613	7.73	7.73	152	0.	1.62	79.	0.005	110	0.	1.18	57.	0.004	97	0.	1.04	51.	0.004
3614	7.73	7.73	158	0.	1.69	83.	0.006	113	0.	1.21	59.	0.004	97	0.	1.04	51.	0.004
3615	7.73	7.73	105	0.	1.13	55.	0.004	75	0.	0.80	39.	0.003	61	0.	0.66	32.	0.002
3616	7.73	7.73	104	0.	1.12	55.	0.004	75	0.	0.80	39.	0.003	61	0.	0.66	32.	0.002
3617	7.73	7.73	174	0.	1.86	91.	0.006	129	0.	1.38	68.	0.005	92	0.	0.99	48.	0.003
3618	7.73	7.73	180	0.	1.93	94.	0.006	131	0.	1.40	69.	0.005	92	0.	0.99	48.	0.003
3619	7.73	7.73	288	0.	3.08	151.	0.010	217	0.	2.32	114.	0.008	165	0.	1.77	86.	0.006
3620	7.73	7.73	298	0.	3.18	156.	0.011	221	0.	2.36	115.	0.008	165	0.	1.77	86.	0.006
3621	7.73	7.73	385	0.	4.12	201.	0.014	291	0.	3.12	152.	0.010	255	0.	2.73	133.	0.009
3622	7.73	7.73	391	0.	4.18	204.	0.014	293	0.	3.14	153.	0.011	255	0.	2.73	133.	0.009
3623	7.73	7.73	445	0.	4.76	233.	0.016	341	0.	3.65	178.	0.012	311	0.	3.33	163.	0.011
3624	7.73	7.73	444	0.	4.75	232.	0.016	341	0.	3.64	178.	0.012	311	0.	3.33	163.	0.011
3625	7.73	7.73	417	0.	4.46	218.	0.015	330	0.	3.53	173.	0.012	310	0.	3.31	162.	0.011
3626	7.73	7.73	412	0.	4.40	215.	0.015	330	0.	3.53	173.	0.012	310	0.	3.31	162.	0.011
3627	7.73	7.73	354	0.	3.79	185.	0.013	265	0.	2.83	138.	0.010	248	0.	2.65	130.	0.009
3628	7.73	7.73	356	0.	3.80	186.	0.013	265	0.	2.83	138.	0.010	248	0.	2.65	130.	0.009
3629	7.73	7.73	248	0.	2.66	130.	0.009	161	0.	1.72	84.	0.006	150	0.	1.61	79.	0.005
3630	7.73	7.73	244	0.	2.61	128.	0.009	161	0.	1.72	84.	0.006	150	0.	1.61	79.	0.005

3631	7.73	7.73	113	0.	1.21	59.	0.004	51	0.	0.54	26.	0.002	63	0.	0.67	33.	0.002
3632	7.73	7.73	111	0.	1.19	58.	0.004	51	0.	0.54	26.	0.002	63	0.	0.67	33.	0.002
3633	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3634	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3635	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3636	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3637	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3638	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3639	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3640	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3641	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3642	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3643	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3644	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3645	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3646	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3647	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3648	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3649	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3650	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3651	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3652	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3653	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3654	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3655	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3656	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3657	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3658	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3659	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3660	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3661	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3662	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3663	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3664	7.73	7.73	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000

ARMATURA SUPERIORE VERTICALE

			COMBINAZIONE RARA					COMBINAZIONE FREQUENTE					COMBINAZIONE QUASI PERMANENTE				
GUSCI	Af	Afc	Mom	Nor	sigC	sigF	WkR	Mom	Nor	sigC	sigF	WkF	Mom	Nor	sigC	sigF	WkP
2502	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2503	7.76	7.76	227	0.	2.43	118.	0.008	190	0.	2.03	99.	0.007	173	0.	1.84	90.	0.006
2504	7.76	7.76	418	0.	4.46	218.	0.015	350	0.	3.73	182.	0.013	354	0.	3.78	185.	0.013
2505	7.76	7.76	426	0.	4.55	222.	0.015	376	0.	4.02	196.	0.013	404	0.	4.31	210.	0.014
2506	7.76	7.76	68	0.	0.72	35.	0.002	96	0.	1.02	50.	0.003	183	0.	1.95	95.	0.007
2507	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2510	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	110	0.	1.17	57.	0.004
2511	7.76	7.76	441	0.	4.71	230.	0.016	400	0.	4.26	208.	0.014	354	0.	3.78	184.	0.013
2512	7.76	7.76	495	0.	5.28	258.	0.018	420	0.	4.48	219.	0.015	425	0.	4.53	221.	0.015
2513	7.76	7.76	473	0.	5.05	246.	0.017	382	0.	4.08	199.	0.014	404	0.	4.31	211.	0.014
2514	7.76	7.76	224	0.	2.39	117.	0.008	185	0.	1.98	96.	0.007	260	0.	2.77	135.	0.009
2515	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2518	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	14	0.	0.15	7.	0.000
2519	7.76	7.76	298	0.	3.18	155.	0.011	353	0.	3.76	184.	0.013	345	0.	3.68	180.	0.012
2520	7.76	7.76	442	0.	4.72	230.	0.016	376	0.	4.02	196.	0.013	393	0.	4.19	205.	0.014
2521	7.76	7.76	360	0.	3.84	187.	0.013	325	0.	3.47	169.	0.012	309	0.	3.30	161.	0.011
2522	7.76	7.76	134	0.	1.43	70.	0.005	114	0.	1.22	60.	0.004	148	0.	1.58	77.	0.005
2523	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2526	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2527	7.76	7.76	351	0.	3.74	183.	0.013	320	0.	3.41	167.	0.011	312	0.	3.33	163.	0.011
2528	7.76	7.76	462	0.	4.94	241.	0.017	390	0.	4.17	203.	0.014	400	0.	4.27	208.	0.014
2529	7.76	7.76	383	0.	4.09	199.	0.014	316	0.	3.37	164.	0.011	333	0.	3.55	173.	0.012
2530	7.76	7.76	140	0.	1.49	73.	0.005	118	0.	1.26	62.	0.004	174	0.	1.86	91.	0.006
2531	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2534	7.76	7.76	108	0.	1.15	56.	0.004	96	0.	1.03	50.	0.003	193	0.	2.06	101.	0.007
2535	7.76	7.76	480	0.	5.13	250.	0.017	423	0.	4.52	220.	0.015	413	0.	4.41	215.	0.015
2536	7.76	7.76	561	0.	5.98	292.	0.020	468	0.	5.00	244.	0.017	476	0.	5.09	248.	0.017
2537	7.76	7.76	574	0.	6.12	299.	0.021	466	0.	4.97	243.	0.017	459	0.	4.90	239.	0.016
2538	7.76	7.76	281	0.	3.00	146.	0.010	225	0.	2.40	117.	0.008	301	0.	3.21	157.	0.011
2539	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2542	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2543	7.76	7.76	323	0.	3.44	168.	0.012	273	0.	2.91	142.	0.010	269	0.	2.87	140.	0.010
2544	7.76	7.76	548	0.	5.85	285.	0.020	448	0.	4.78	233.	0.016	443	0.	4.73	231.	0.016
2545	7.76	7.76	645	0.	6.89	336.	0.023	514	0.	5.49	268.	0.018	513	0.	5.48	267.	0.018
2546	7.76	7.76	312	0.	3.33	163.	0.011	248	0.	2.64	129.	0.009	376	0.	4.01	196.	0.013
2547	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2558	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2559	7.76	7.76	364	0.	3.89	190.	0.013	307	0.	3.28	160.	0.011	269	0.	2.87	140.	0.010
2560	7.76	7.76	543	0.	5.79	283.	0.019	446	0.	4.76	232.	0.016	443	0.	4.73	231.	0.016
2561	7.76	7.76	654	0.	6.98	341.	0.023	539	0.	5.76	281.	0.019	513	0.	5.48	267.	0.018
2562	7.76	7.76	442	0.	4.72	230.	0.016	359	0.	3.83	187.	0.013	376	0.	4.01	196.	0.013
2563	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2566	7.76	7.76	21	0.	0.22	11.	0.001	17	0.	0.18	9.	0.001	193	0.	2.06	101.	0.007
2567	7.76	7.76	516	0.	5.50	269.	0.018	451	0.	4.81	235.	0.016	413	0.	4.41	215.	0.015
2568	7.76	7.76	566	0.	6.04	295.	0.020	466	0.	4.97	243.	0.017	476	0.	5.09	248.	0.017
2569	7.76	7.76	569	0.	6.08	297.	0.020	505	0.	5.40	263.	0.018	459	0.	4.90	239.	0.016
2570	7.76	7.76	291	0.	3.11	152.	0.010	259	0.	2.77	135.	0.009	301	0.	3.21	157.	0.011
2571	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2574	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2575	7.76	7.76	411	0.	4.39	214.	0.015	362	0.	3.86	188.	0.013	312	0.	3.33	163.	0.011
2576	7.76	7.76	467	0.	4.99	244.	0.017	390	0.	4.17	203.	0.014	400	0.	4.27	208.	0.014
2577	7.76	7.76	397	0.	4.24	207.	0.014	364	0.	3.88	190.	0.013	333	0.	3.55	173.	0.012
2578	7.76	7.76	156	0.	1.66	81.	0.006	181	0.	1.93	94.	0.006	174	0.	1.86	91.	0.006
2579	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2582	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	14	0.	0.15	7.	0.000
2583	7.76	7.76	348	0.	3.72	181.	0.012	308	0.	3.29	161.	0.011	345	0.	3.68	180.	0.012
2584	7.76	7.76	437	0.	4.67	228.	0.016	373	0.	3.99	195.	0.013	393	0.	4.19	205.	0.014
2585	7.76	7.76	350	0.	3.73	182.	0.013	294	0.	3.14	153.	0.011	309	0.	3.30	161.	0.011
2586	7.76	7.76	119	0.	1.27	62.	0.004	108	0.	1.16	56.	0.004	148	0.	1.58	77.	0.005
2587	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2590	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	110	0.	1.17	57.	0.004
2591	7.76	7.76	419	0.	4.47	218.	0.015	371	0.	3.96	193.	0.013	354	0.	3.78	184.	0.013
2592	7.76	7.76	485	0.	5.17	253.	0.017	411	0.	4.39	214.	0.015	425	0.	4.53	221.	0.015

2593	7.76	7.76	486	0.	5.18	253.	0.017	411	0.	4.39	214.	0.015	404	0.	4.31	211.	0.014
2594	7.76	7.76	227	0.	2.42	118.	0.008	189	0.	2.02	98.	0.007	260	0.	2.77	135.	0.009
2595	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2598	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2599	7.76	7.76	196	0.	2.09	102.	0.007	167	0.	1.78	87.	0.006	173	0.	1.84	90.	0.006
2600	7.76	7.76	409	0.	4.37	213.	0.015	342	0.	3.65	178.	0.012	354	0.	3.78	185.	0.013
2601	7.76	7.76	426	0.	4.55	222.	0.015	381	0.	4.07	199.	0.014	404	0.	4.31	210.	0.014
2602	7.76	7.76	56	0.	0.60	29.	0.002	50	0.	0.53	26.	0.002	183	0.	1.95	95.	0.007
2603	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2604	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2605	7.76	7.76	20	0.	0.22	11.	0.001	41	0.	0.44	21.	0.001	109	0.	1.17	57.	0.004
2606	7.76	7.76	348	0.	3.72	182.	0.012	285	0.	3.04	148.	0.010	268	0.	2.86	139.	0.010
2607	7.76	7.76	354	0.	3.78	184.	0.013	289	0.	3.09	151.	0.010	266	0.	2.84	139.	0.010
2608	7.76	7.76	358	0.	3.82	186.	0.013	292	0.	3.12	152.	0.010	269	0.	2.87	140.	0.010
2609	7.76	7.76	335	0.	3.57	174.	0.012	292	0.	3.12	152.	0.010	276	0.	2.94	144.	0.010
2610	7.76	7.76	12	0.	0.13	6.	0.000	42	0.	0.45	22.	0.001	114	0.	1.22	59.	0.004
2611	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2612	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2613	7.76	7.76	149	0.	1.59	77.	0.005	112	0.	1.20	58.	0.004	171	0.	1.83	89.	0.006
2614	7.76	7.76	339	0.	3.62	177.	0.012	285	0.	3.04	148.	0.010	255	0.	2.72	133.	0.009
2615	7.76	7.76	314	0.	3.36	164.	0.011	270	0.	2.88	141.	0.010	234	0.	2.49	122.	0.008
2616	7.76	7.76	319	0.	3.41	166.	0.011	274	0.	2.92	143.	0.010	237	0.	2.53	123.	0.008
2617	7.76	7.76	346	0.	3.69	180.	0.012	292	0.	3.11	152.	0.010	261	0.	2.79	136.	0.009
2618	7.76	7.76	142	0.	1.52	74.	0.005	112	0.	1.20	59.	0.004	176	0.	1.88	92.	0.006
2619	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2620	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2621	7.76	7.76	49	0.	0.52	26.	0.002	36	0.	0.38	19.	0.001	58	0.	0.62	30.	0.002
2622	7.76	7.76	207	0.	2.21	108.	0.007	156	0.	1.66	81.	0.006	150	0.	1.60	78.	0.005
2623	7.76	7.76	235	0.	2.51	122.	0.008	198	0.	2.11	103.	0.007	175	0.	1.87	91.	0.006
2624	7.76	7.76	236	0.	2.52	123.	0.008	199	0.	2.13	104.	0.007	177	0.	1.89	92.	0.006
2625	7.76	7.76	209	0.	2.23	109.	0.007	159	0.	1.70	83.	0.006	154	0.	1.65	80.	0.006
2626	7.76	7.76	41	0.	0.44	22.	0.001	34	0.	0.36	18.	0.001	59	0.	0.63	31.	0.002
2627	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2628	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2629	7.76	7.76	76	0.	0.81	40.	0.003	57	0.	0.61	30.	0.002	94	0.	1.01	49.	0.003
2630	7.76	7.76	252	0.	2.69	132.	0.009	192	0.	2.04	100.	0.007	185	0.	1.97	96.	0.007
2631	7.76	7.76	273	0.	2.92	142.	0.010	208	0.	2.23	109.	0.007	195	0.	2.09	102.	0.007
2632	7.76	7.76	280	0.	2.98	146.	0.010	214	0.	2.28	112.	0.008	200	0.	2.13	104.	0.007
2633	7.76	7.76	256	0.	2.73	133.	0.009	196	0.	2.10	102.	0.007	190	0.	2.03	99.	0.007
2634	7.76	7.76	67	0.	0.71	35.	0.002	52	0.	0.56	27.	0.002	93	0.	0.99	48.	0.003
2635	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2636	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2637	7.76	7.76	213	0.	2.28	111.	0.008	206	0.	2.20	107.	0.007	228	0.	2.43	119.	0.008
2638	7.76	7.76	456	0.	4.87	238.	0.016	353	0.	3.77	184.	0.013	324	0.	3.46	169.	0.012
2639	7.76	7.76	411	0.	4.38	214.	0.015	315	0.	3.37	164.	0.011	288	0.	3.07	150.	0.010
2640	7.76	7.76	421	0.	4.49	219.	0.015	323	0.	3.45	168.	0.012	295	0.	3.15	154.	0.011
2641	7.76	7.76	468	0.	5.00	244.	0.017	361	0.	3.86	188.	0.013	332	0.	3.55	173.	0.012
2642	7.76	7.76	207	0.	2.21	108.	0.007	200	0.	2.14	104.	0.007	226	0.	2.42	118.	0.008
2643	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2644	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2645	7.76	7.76	262	0.	2.80	137.	0.009	218	0.	2.33	114.	0.008	322	0.	3.44	168.	0.012
2646	7.76	7.76	578	0.	6.17	301.	0.021	446	0.	4.76	233.	0.016	430	0.	4.59	224.	0.015
2647	7.76	7.76	519	0.	5.53	270.	0.019	392	0.	4.19	205.	0.014	370	0.	3.95	193.	0.013
2648	7.76	7.76	528	0.	5.64	275.	0.019	399	0.	4.26	208.	0.014	379	0.	4.05	197.	0.014
2649	7.76	7.76	590	0.	6.30	307.	0.021	456	0.	4.86	237.	0.016	440	0.	4.70	229.	0.016
2650	7.76	7.76	240	0.	2.56	125.	0.009	203	0.	2.16	106.	0.007	321	0.	3.42	167.	0.011
2651	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2660	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2661	7.76	7.76	365	0.	3.90	190.	0.013	301	0.	3.22	157.	0.011	322	0.	3.44	168.	0.012
2662	7.76	7.76	584	0.	6.23	304.	0.021	457	0.	4.88	238.	0.016	430	0.	4.59	224.	0.015
2663	7.76	7.76	509	0.	5.43	265.	0.018	405	0.	4.33	211.	0.015	370	0.	3.95	193.	0.013
2664	7.76	7.76	523	0.	5.59	273.	0.019	412	0.	4.40	215.	0.015	379	0.	4.05	197.	0.014
2665	7.76	7.76	596	0.	6.37	311.	0.021	467	0.	4.98	243.	0.017	440	0.	4.70	229.	0.016
2666	7.76	7.76	356	0.	3.80	185.	0.013	298	0.	3.18	155.	0.011	321	0.	3.42	167.	0.011
2667	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2668	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2669	7.76	7.76	228	0.	2.44	119.	0.008	172	0.	1.84	90.	0.006	228	0.	2.43	119.	0.008
2670	7.76	7.76	461	0.	4.92	240.	0.017	397	0.	4.24	207.	0.014	324	0.	3.46	169.	0.012
2671	7.76	7.76	427	0.	4.55	222.	0.015	348	0.	3.72	182.	0.012	288	0.	3.07	150.	0.010
2672	7.76	7.76	424	0.	4.53	221.	0.015	356	0.	3.80	185.	0.013	295	0.	3.15	154.	0.011
2673	7.76	7.76	467	0.	4.99	244.	0.017	406	0.	4.33	212.	0.015	332	0.	3.55	173.	0.012
2674	7.76	7.76	220	0.	2.34	114.	0.008	167	0.	1.79	87.	0.006	226	0.	2.42	118.	0.008
2675	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2676	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2677	7.76	7.76	88	0.	0.94	46.	0.003	62	0.	0.67	32.	0.002	94	0.	1.01	49.	0.003
2678	7.76	7.76	269	0.	2.87	140.	0.010	232	0.	2.48	121.	0.008	185	0.	1.97	96.	0.007
2679	7.76	7.76	304	0.	3.25	159.	0.011	232	0.	2.47	121.	0.008	195	0.	2.09	102.	0.007
2680	7.76	7.76	287	0.	3.06	149.	0.010	237	0.	2.53	124.	0.008	200	0.	2.13	104.	0.007
2681	7.76	7.76	273	0.	2.91	142.	0.010	238	0.	2.54	124.	0.009	190	0.	2.03	99.	0.007
2682	7.76	7.76	80	0.	0.85	42.	0.003	58	0.	0.62	30.	0.002	93	0.	0.99	48.	0.003
2683	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2684	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2685	7.76	7.76	35	0.	0.37	18.	0.001	32	0.	0.34	17.	0.001	58	0.	0.62	30.	0.002
2686	7.76	7.76	199	0.	2.12	104.	0.007	156	0.	1.66	81.	0.006	150	0.	1.60	78.	0.005
2687	7.76	7.76	237	0.	2.53	123.	0.008	183	0.	1.95	95.	0.007	175	0.	1.87	91.	0.006
2688	7.76	7.76	240	0.	2.56	125.	0.009	185	0.	1.98	96.	0.007	177	0.	1.89	92.	0.006
2689	7.76	7.76	202	0.	2.15	105.	0.007	159	0.	1.70	83.	0.006	154	0.	1.65	80.	0.006
2690	7.76	7.76	34	0.	0.37	18.	0.001	32	0.	0.34	17.	0.001	59	0.	0.63	31.	0.002
2691	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2692	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2693	7.76	7.76	148	0.	1.57	77.	0.005	113	0.	1.21	59.	0.004	171	0.	1.83	89.	0.006
2694	7.76	7.76	348	0.	3.72	182.	0.012	271	0.	2.89	141.	0.010	255	0.	2.72	133.	0.009
2695	7.76	7.76	317	0.	3.39	165.	0.011	250	0.	2.67	130.	0.009	234	0.	2.49	122.	0.008
2696	7.76	7.76	323	0.	3.44	168.	0.012	254	0.	2.71	132.	0.009	237	0.	2.53	123.	0.008
2697	7.76	7.76	355	0.	3.78	185.	0.013	278	0.	2.97	145.	0.010	261	0.	2.79	136.	0.009
2698	7.76	7.76	145	0.	1.55	75.	0.005	114	0.	1.22	60.	0.004	176	0.	1.88	92.	0.006
2699	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2700	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2701	7.76	7.76	12	0.	0.13	6.	0.000	1	0.	0.01	1.	0.000	109	0.	1.17	57.	0.004
2702	7.76	7.76	320	0.	3.42	167.	0.011	268	0.	2.87	140.	0.010	268	0.	2.86	139.	0.010
2703	7.76	7.76	352	0.	3.75	183.	0.013	281	0.	3.00	146.	0.010	266	0.	2.84	139.	0.010
2704	7.76	7.76	355	0.	3.79	185.	0.013	284	0.	3.03	148.	0.010	269	0.	2.87	140.	0.010

2705	7.76	7.76	324	0.	3.46	169.	0.012	275	0.	2.94	143.	0.010	276	0.	2.94	144.	0.010
2706	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	114	0.	1.22	59.	0.004
2707	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2708	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2709	7.76	7.76	27	0.	0.29	14.	0.001	49	0.	0.52	26.	0.002	123	0.	1.32	64.	0.004
2710	7.76	7.76	379	0.	4.04	197.	0.014	308	0.	3.29	161.	0.011	303	0.	3.23	158.	0.011
2711	7.76	7.76	427	0.	4.55	222.	0.015	336	0.	3.58	175.	0.012	336	0.	3.59	175.	0.012
2712	7.76	7.76	459	0.	4.90	239.	0.016	371	0.	3.96	193.	0.013	351	0.	3.75	183.	0.013
2713	7.76	7.76	451	0.	4.81	235.	0.016	356	0.	3.80	185.	0.013	336	0.	3.58	175.	0.012
2714	7.76	7.76	109	0.	1.16	57.	0.004	116	0.	1.24	61.	0.004	69	0.	0.73	36.	0.002
2715	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2716	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2717	7.76	7.76	168	0.	1.79	87.	0.006	127	0.	1.36	66.	0.005	192	0.	2.05	100.	0.007
2718	7.76	7.76	385	0.	4.11	200.	0.014	341	0.	3.64	178.	0.012	299	0.	3.20	156.	0.011
2719	7.76	7.76	426	0.	4.55	222.	0.015	345	0.	3.69	180.	0.012	319	0.	3.41	166.	0.011
2720	7.76	7.76	455	0.	4.86	237.	0.016	359	0.	3.84	187.	0.013	339	0.	3.62	177.	0.012
2721	7.76	7.76	416	0.	4.44	217.	0.015	326	0.	3.47	170.	0.012	307	0.	3.28	160.	0.011
2722	7.76	7.76	32	0.	0.35	17.	0.001	78	0.	0.83	41.	0.003	72	0.	0.77	38.	0.003
2723	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2724	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2725	7.76	7.76	65	0.	0.70	34.	0.002	49	0.	0.52	26.	0.002	74	0.	0.79	39.	0.003
2726	7.76	7.76	250	0.	2.67	130.	0.009	225	0.	2.40	117.	0.008	191	0.	2.04	99.	0.007
2727	7.76	7.76	318	0.	3.39	166.	0.011	269	0.	2.88	140.	0.010	246	0.	2.63	128.	0.009
2728	7.76	7.76	390	0.	4.16	203.	0.014	313	0.	3.34	163.	0.011	301	0.	3.21	157.	0.011
2729	7.76	7.76	392	0.	4.19	204.	0.014	313	0.	3.34	163.	0.011	296	0.	3.16	154.	0.011
2730	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	54	0.	0.57	28.	0.002
2731	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2732	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2733	7.76	7.76	87	0.	0.93	45.	0.003	66	0.	0.71	35.	0.002	107	0.	1.14	56.	0.004
2734	7.76	7.76	290	0.	3.10	151.	0.010	222	0.	2.37	116.	0.008	222	0.	2.37	115.	0.008
2735	7.76	7.76	364	0.	3.88	190.	0.013	279	0.	2.98	145.	0.010	283	0.	3.02	148.	0.010
2736	7.76	7.76	425	0.	4.54	222.	0.015	359	0.	3.83	187.	0.013	339	0.	3.62	177.	0.012
2737	7.76	7.76	501	0.	5.34	261.	0.018	404	0.	4.31	210.	0.014	379	0.	4.04	197.	0.014
2738	7.76	7.76	137	0.	1.46	72.	0.005	115	0.	1.23	60.	0.004	215	0.	2.29	112.	0.008
2739	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2740	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2741	7.76	7.76	225	0.	2.40	117.	0.008	212	0.	2.27	111.	0.008	236	0.	2.52	123.	0.008
2742	7.76	7.76	474	0.	5.06	247.	0.017	368	0.	3.92	192.	0.013	345	0.	3.69	180.	0.012
2743	7.76	7.76	447	0.	4.77	233.	0.016	355	0.	3.79	185.	0.013	339	0.	3.62	177.	0.012
2744	7.76	7.76	430	0.	4.59	224.	0.015	352	0.	3.76	184.	0.013	333	0.	3.55	173.	0.012
2745	7.76	7.76	447	0.	4.77	233.	0.016	381	0.	4.06	198.	0.014	334	0.	3.57	174.	0.012
2746	7.76	7.76	226	0.	2.41	118.	0.008	172	0.	1.84	90.	0.006	233	0.	2.49	122.	0.008
2747	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2748	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2749	7.76	7.76	265	0.	2.83	138.	0.009	220	0.	2.35	115.	0.008	322	0.	3.44	168.	0.012
2750	7.76	7.76	563	0.	6.01	293.	0.020	435	0.	4.64	227.	0.016	421	0.	4.49	219.	0.015
2751	7.76	7.76	465	0.	4.96	242.	0.017	376	0.	4.02	196.	0.013	355	0.	3.79	185.	0.013
2752	7.76	7.76	378	0.	4.04	197.	0.014	303	0.	3.24	158.	0.011	287	0.	3.06	149.	0.010
2753	7.76	7.76	330	0.	3.52	172.	0.012	274	0.	2.93	143.	0.010	234	0.	2.50	122.	0.008
2754	7.76	7.76	160	0.	1.70	83.	0.006	117	0.	1.25	61.	0.004	139	0.	1.49	73.	0.005
2755	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2764	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2765	7.76	7.76	363	0.	3.88	189.	0.013	300	0.	3.20	156.	0.011	322	0.	3.44	168.	0.012
2766	7.76	7.76	568	0.	6.06	296.	0.020	453	0.	4.84	236.	0.016	421	0.	4.49	219.	0.015
2767	7.76	7.76	468	0.	5.00	244.	0.017	362	0.	3.86	189.	0.013	355	0.	3.79	185.	0.013
2768	7.76	7.76	372	0.	3.97	194.	0.013	287	0.	3.06	149.	0.010	287	0.	3.06	149.	0.010
2769	7.76	7.76	313	0.	3.34	163.	0.011	241	0.	2.57	126.	0.009	234	0.	2.50	122.	0.008
2770	7.76	7.76	149	0.	1.60	78.	0.005	116	0.	1.24	61.	0.004	139	0.	1.49	73.	0.005
2771	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2772	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2773	7.76	7.76	238	0.	2.54	124.	0.009	180	0.	1.92	94.	0.006	236	0.	2.52	123.	0.008
2774	7.76	7.76	468	0.	5.00	244.	0.017	404	0.	4.31	210.	0.014	345	0.	3.69	180.	0.012
2775	7.76	7.76	444	0.	4.74	231.	0.016	345	0.	3.69	180.	0.012	339	0.	3.62	177.	0.012
2776	7.76	7.76	429	0.	4.58	224.	0.015	332	0.	3.55	173.	0.012	333	0.	3.55	173.	0.012
2777	7.76	7.76	447	0.	4.77	233.	0.016	348	0.	3.72	182.	0.012	334	0.	3.57	174.	0.012
2778	7.76	7.76	214	0.	2.29	112.	0.008	166	0.	1.77	86.	0.006	233	0.	2.49	122.	0.008
2779	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2780	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2781	7.76	7.76	98	0.	1.05	51.	0.004	71	0.	0.76	37.	0.003	107	0.	1.14	56.	0.004
2782	7.76	7.76	301	0.	3.22	157.	0.011	260	0.	2.77	135.	0.009	222	0.	2.37	115.	0.008
2783	7.76	7.76	363	0.	3.87	189.	0.013	297	0.	3.18	155.	0.011	283	0.	3.02	148.	0.010
2784	7.76	7.76	435	0.	4.64	227.	0.016	338	0.	3.61	176.	0.012	339	0.	3.62	177.	0.012
2785	7.76	7.76	502	0.	5.36	261.	0.018	390	0.	4.16	203.	0.014	379	0.	4.04	197.	0.014
2786	7.76	7.76	89	0.	0.95	47.	0.003	58	0.	0.62	30.	0.002	215	0.	2.29	112.	0.008
2787	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2788	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2789	7.76	7.76	49	0.	0.52	26.	0.002	44	0.	0.47	23.	0.002	74	0.	0.79	39.	0.003
2790	7.76	7.76	236	0.	2.52	123.	0.008	186	0.	1.98	97.	0.007	191	0.	2.04	99.	0.007
2791	7.76	7.76	310	0.	3.31	162.	0.011	240	0.	2.56	125.	0.009	246	0.	2.63	128.	0.009
2792	7.76	7.76	419	0.	4.47	218.	0.015	318	0.	3.39	166.	0.011	301	0.	3.21	157.	0.011
2793	7.76	7.76	420	0.	4.49	219.	0.015	327	0.	3.49	170.	0.012	296	0.	3.16	154.	0.011
2794	7.76	7.76	9	0.	0.10	5.	0.000	5	0.	0.06	3.	0.000	54	0.	0.57	28.	0.002
2795	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2796	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2797	7.76	7.76	168	0.	1.79	87.	0.006	129	0.	1.38	67.	0.005	192	0.	2.05	100.	0.007
2798	7.76	7.76	397	0.	4.24	207.	0.014	310	0.	3.31	162.	0.011	299	0.	3.20	156.	0.011
2799	7.76	7.76	421	0.	4.50	220.	0.015	331	0.	3.53	172.	0.012	319	0.	3.41	166.	0.011
2800	7.76	7.76	436	0.	4.65	227.	0.016	358	0.	3.82	187.	0.013	339	0.	3.62	177.	0.012
2801	7.76	7.76	394	0.	4.20	205.	0.014	305	0.	3.26	159.	0.011	307	0.	3.28	160.	0.011
2802	7.76	7.76	77	0.	0.83	40.	0.003	54	0.	0.58	28.	0.002	72	0.	0.77	38.	0.003
2803	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2804	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2805	7.76	7.76	21	0.	0.22	11.	0.001	8	0.	0.09	4.	0.000	123	0.	1.32	64.	0.004
2806	7.76	7.76	355	0.	3.78	185.	0.013	298	0.	3.18	155.	0.011	303	0.	3.23	158.	0.011
2807	7.76	7.76	448	0.	4.79	234.	0.016	356	0.	3.80	185.	0.013	336	0.	3.59	175.	0.012
2808	7.76	7.76	466	0.	4.97	243.	0.017	371	0.	3.96	193.	0.013	351	0.	3.75	183.	0.013
2809	7.76	7.76	448	0.	4.78	233.	0.016	353	0.	3.77	184.	0.013	336	0.	3.58	175.	0.012
2810	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	69	0.	0.73	36.	0.002
2811	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2812	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2813	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2814	7.76	7.76	381	0.	4.06	198.	0.014	292	0.	3.12	152.	0.010	276	0.	2.95	144.	0.010

2815	7.76	7.76	457	0.	4.87	238.	0.016	364	0.	3.89	190.	0.013	345	0.	3.68	180.	0.012
2816	7.76	7.76	447	0.	4.77	233.	0.016	358	0.	3.82	186.	0.013	339	0.	3.62	177.	0.012
2817	7.76	7.76	452	0.	4.82	235.	0.016	357	0.	3.81	186.	0.013	338	0.	3.61	176.	0.012
2818	7.76	7.76	375	0.	4.00	195.	0.013	285	0.	3.05	149.	0.010	268	0.	2.86	140.	0.010
2819	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2820	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2821	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2822	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2823	7.76	7.76	390	0.	4.16	203.	0.014	294	0.	3.14	153.	0.011	277	0.	2.96	144.	0.010
2824	7.76	7.76	475	0.	5.07	248.	0.017	377	0.	4.02	196.	0.013	357	0.	3.81	186.	0.013
2825	7.76	7.76	484	0.	5.17	252.	0.017	384	0.	4.10	200.	0.014	364	0.	3.88	190.	0.013
2826	7.76	7.76	472	0.	5.03	246.	0.017	372	0.	3.97	194.	0.013	351	0.	3.75	183.	0.013
2827	7.76	7.76	384	0.	4.10	200.	0.014	286	0.	3.05	149.	0.010	270	0.	2.88	140.	0.010
2828	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2829	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2830	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2831	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2832	7.76	7.76	392	0.	4.18	204.	0.014	311	0.	3.32	162.	0.011	294	0.	3.14	153.	0.011
2833	7.76	7.76	484	0.	5.17	252.	0.017	383	0.	4.09	200.	0.014	362	0.	3.87	189.	0.013
2834	7.76	7.76	492	0.	5.25	256.	0.018	382	0.	4.07	199.	0.014	361	0.	3.85	188.	0.013
2835	7.76	7.76	482	0.	5.15	251.	0.017	379	0.	4.05	198.	0.014	359	0.	3.83	187.	0.013
2836	7.76	7.76	389	0.	4.15	203.	0.014	308	0.	3.28	160.	0.011	291	0.	3.11	152.	0.010
2837	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2838	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2839	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2840	7.76	7.76	49	0.	0.52	26.	0.002	47	0.	0.51	25.	0.002	149	0.	1.59	78.	0.005
2841	7.76	7.76	503	0.	5.37	262.	0.018	394	0.	4.21	205.	0.014	381	0.	4.07	199.	0.014
2842	7.76	7.76	523	0.	5.58	272.	0.019	406	0.	4.34	212.	0.015	369	0.	3.93	192.	0.013
2843	7.76	7.76	458	0.	4.89	238.	0.016	351	0.	3.74	183.	0.013	309	0.	3.30	161.	0.011
2844	7.76	7.76	519	0.	5.54	270.	0.019	400	0.	4.27	209.	0.014	361	0.	3.85	188.	0.013
2845	7.76	7.76	499	0.	5.33	260.	0.018	391	0.	4.17	204.	0.014	372	0.	3.97	194.	0.013
2846	7.76	7.76	49	0.	0.52	26.	0.002	58	0.	0.62	30.	0.002	159	0.	1.70	83.	0.006
2847	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2848	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2849	7.76	7.76	165	0.	1.76	86.	0.006	125	0.	1.33	65.	0.004	183	0.	1.96	95.	0.007
2850	7.76	7.76	479	0.	5.12	250.	0.017	369	0.	3.94	192.	0.013	305	0.	3.26	159.	0.011
2851	7.76	7.76	448	0.	4.78	233.	0.016	344	0.	3.67	179.	0.012	286	0.	3.06	149.	0.010
2852	7.76	7.76	362	0.	3.86	189.	0.013	277	0.	2.96	144.	0.010	224	0.	2.39	117.	0.008
2853	7.76	7.76	432	0.	4.61	225.	0.015	337	0.	3.60	176.	0.012	278	0.	2.96	145.	0.010
2854	7.76	7.76	419	0.	4.47	218.	0.015	360	0.	3.84	187.	0.013	294	0.	3.14	153.	0.011
2855	7.76	7.76	148	0.	1.58	77.	0.005	118	0.	1.26	62.	0.004	179	0.	1.91	93.	0.006
2856	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2857	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2858	7.76	7.76	102	0.	1.09	53.	0.004	73	0.	0.78	38.	0.003	96	0.	1.02	50.	0.003
2859	7.76	7.76	305	0.	3.26	159.	0.011	230	0.	2.45	120.	0.008	177	0.	1.89	92.	0.006
2860	7.76	7.76	304	0.	3.24	158.	0.011	230	0.	2.45	120.	0.008	182	0.	1.94	95.	0.006
2861	7.76	7.76	244	0.	2.61	127.	0.009	185	0.	1.98	97.	0.007	147	0.	1.57	77.	0.005
2862	7.76	7.76	273	0.	2.92	142.	0.010	223	0.	2.38	116.	0.008	175	0.	1.87	91.	0.006
2863	7.76	7.76	256	0.	2.73	133.	0.009	220	0.	2.35	115.	0.008	169	0.	1.80	88.	0.006
2864	7.76	7.76	79	0.	0.84	41.	0.003	64	0.	0.68	33.	0.002	91	0.	0.97	48.	0.003
2865	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2875	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2876	7.76	7.76	92	0.	0.98	48.	0.003	71	0.	0.76	37.	0.003	96	0.	1.02	50.	0.003
2877	7.76	7.76	248	0.	2.64	129.	0.009	190	0.	2.02	99.	0.007	177	0.	1.89	92.	0.006
2878	7.76	7.76	264	0.	2.82	137.	0.009	200	0.	2.13	104.	0.007	182	0.	1.94	95.	0.006
2879	7.76	7.76	214	0.	2.28	111.	0.008	159	0.	1.70	83.	0.006	147	0.	1.57	77.	0.005
2880	7.76	7.76	264	0.	2.81	137.	0.009	194	0.	2.07	101.	0.007	175	0.	1.87	91.	0.006
2881	7.76	7.76	246	0.	2.62	128.	0.009	183	0.	1.95	95.	0.007	169	0.	1.80	88.	0.006
2882	7.76	7.76	81	0.	0.87	42.	0.003	67	0.	0.71	35.	0.002	91	0.	0.97	48.	0.003
2883	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2884	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2885	7.76	7.76	150	0.	1.60	78.	0.005	116	0.	1.24	61.	0.004	183	0.	1.96	95.	0.007
2886	7.76	7.76	413	0.	4.41	215.	0.015	323	0.	3.45	168.	0.012	305	0.	3.26	159.	0.011
2887	7.76	7.76	408	0.	4.35	213.	0.015	313	0.	3.34	163.	0.011	286	0.	3.06	149.	0.010
2888	7.76	7.76	326	0.	3.48	170.	0.012	244	0.	2.61	127.	0.009	224	0.	2.39	117.	0.008
2889	7.76	7.76	410	0.	4.38	214.	0.015	305	0.	3.25	159.	0.011	278	0.	2.96	145.	0.010
2890	7.76	7.76	422	0.	4.51	220.	0.015	315	0.	3.36	164.	0.011	294	0.	3.14	153.	0.011
2891	7.76	7.76	145	0.	1.55	76.	0.005	114	0.	1.21	59.	0.004	179	0.	1.91	93.	0.006
2892	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2893	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2894	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	149	0.	1.59	78.	0.005
2895	7.76	7.76	501	0.	5.34	261.	0.018	391	0.	4.17	204.	0.014	381	0.	4.07	199.	0.014
2896	7.76	7.76	500	0.	5.33	260.	0.018	390	0.	4.16	203.	0.014	369	0.	3.93	192.	0.013
2897	7.76	7.76	426	0.	4.54	222.	0.015	328	0.	3.50	171.	0.012	309	0.	3.30	161.	0.011
2898	7.76	7.76	500	0.	5.34	261.	0.018	382	0.	4.08	199.	0.014	361	0.	3.85	188.	0.013
2899	7.76	7.76	501	0.	5.34	261.	0.018	383	0.	4.08	199.	0.014	372	0.	3.97	194.	0.013
2900	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	159	0.	1.70	83.	0.006
2901	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2902	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2903	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2904	7.76	7.76	421	0.	4.50	220.	0.015	329	0.	3.51	171.	0.012	294	0.	3.14	153.	0.011
2905	7.76	7.76	489	0.	5.22	255.	0.018	381	0.	4.07	198.	0.014	362	0.	3.87	189.	0.013
2906	7.76	7.76	484	0.	5.17	252.	0.017	382	0.	4.07	199.	0.014	361	0.	3.85	188.	0.013
2907	7.76	7.76	488	0.	5.21	254.	0.017	378	0.	4.03	197.	0.014	359	0.	3.83	187.	0.013
2908	7.76	7.76	419	0.	4.47	218.	0.015	325	0.	3.47	169.	0.012	291	0.	3.11	152.	0.010
2909	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2910	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2911	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2912	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2913	7.76	7.76	378	0.	4.04	197.	0.014	292	0.	3.12	152.	0.010	277	0.	2.96	144.	0.010
2914	7.76	7.76	479	0.	5.11	250.	0.017	371	0.	3.96	193.	0.013	357	0.	3.81	186.	0.013
2915	7.76	7.76	493	0.	5.27	257.	0.018	384	0.	4.10	200.	0.014	364	0.	3.88	190.	0.013
2916	7.76	7.76	477	0.	5.09	248.	0.017	367	0.	3.92	191.	0.013	351	0.	3.75	183.	0.013
2917	7.76	7.76	375	0.	4.00	195.	0.013	288	0.	3.07	150.	0.010	270	0.	2.88	140.	0.010
2918	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2919	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2920	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2921	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2922	7.76	7.76	374	0.	3.99	195.	0.013	294	0.	3.13	153.	0.011	276	0.	2.95	144.	0.010
2923	7.76	7.76	468	0.	5.00	244.	0.017	362	0.	3.87	189.	0.013	345	0.	3.68	180.	0.012
2924	7.76	7.76	467	0.	4.99	243.	0.017	363	0.	3.87	189.	0.013	339	0.	3.62	177.	0.012
2925	7.76	7.76	462	0.	4.93	241.	0.017	356	0.	3.80	186.	0.013	338	0.	3.61	176.	0.012

2926	7.76	7.76	367	0.	3.92	191.	0.013	287	0.	3.06	149.	0.010	268	0.	2.86	140.	0.010
2927	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2928	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2929	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2930	7.76	7.76	32	0.	0.34	17.	0.001	0.	0.	0.00	0.	0.000	33	0.	0.36	17.	0.001
2931	7.76	7.76	445	0.	4.75	232.	0.016	341	0.	3.64	178.	0.012	313	0.	3.34	163.	0.011
2932	7.76	7.76	463	0.	4.94	241.	0.017	374	0.	4.00	195.	0.013	354	0.	3.78	185.	0.013
2933	7.76	7.76	442	0.	4.72	230.	0.016	369	0.	3.94	192.	0.013	349	0.	3.73	182.	0.013
2934	7.76	7.76	384	0.	4.10	200.	0.014	314	0.	3.35	164.	0.011	313	0.	3.34	163.	0.011
2935	7.76	7.76	18	0.	0.19	9.	0.001	49	0.	0.53	26.	0.002	128	0.	1.36	67.	0.005
2936	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2937	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2938	7.76	7.76	117	0.	1.25	61.	0.004	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2939	7.76	7.76	359	0.	3.84	187.	0.013	274	0.	2.92	143.	0.010	251	0.	2.68	131.	0.009
2940	7.76	7.76	458	0.	4.89	239.	0.016	362	0.	3.86	188.	0.013	342	0.	3.65	178.	0.012
2941	7.76	7.76	440	0.	4.70	229.	0.016	363	0.	3.87	189.	0.013	334	0.	3.56	174.	0.012
2942	7.76	7.76	395	0.	4.22	206.	0.014	350	0.	3.74	183.	0.013	311	0.	3.32	162.	0.011
2943	7.76	7.76	162	0.	1.73	84.	0.006	129	0.	1.38	67.	0.005	198	0.	2.11	103.	0.007
2944	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2945	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2946	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2947	7.76	7.76	263	0.	2.80	137.	0.009	210	0.	2.25	110.	0.008	196	0.	2.09	102.	0.007
2948	7.76	7.76	378	0.	4.04	197.	0.014	301	0.	3.21	157.	0.011	284	0.	3.04	148.	0.010
2949	7.76	7.76	333	0.	3.56	174.	0.012	281	0.	2.99	146.	0.010	255	0.	2.72	133.	0.009
2950	7.76	7.76	265	0.	2.83	138.	0.009	236	0.	2.52	123.	0.008	200	0.	2.13	104.	0.007
2951	7.76	7.76	67	0.	0.71	35.	0.002	54	0.	0.57	28.	0.002	82	0.	0.87	43.	0.003
2952	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2953	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2954	7.76	7.76	127	0.	1.35	66.	0.005	143	0.	1.53	75.	0.005	195	0.	2.09	102.	0.007
2955	7.76	7.76	402	0.	4.29	210.	0.014	321	0.	3.42	167.	0.011	318	0.	3.39	166.	0.011
2956	7.76	7.76	439	0.	4.69	229.	0.016	353	0.	3.77	184.	0.013	337	0.	3.60	176.	0.012
2957	7.76	7.76	376	0.	4.01	196.	0.013	290	0.	3.09	151.	0.010	297	0.	3.17	155.	0.011
2958	7.76	7.76	298	0.	3.18	155.	0.011	230	0.	2.45	120.	0.008	235	0.	2.51	122.	0.008
2959	7.76	7.76	87	0.	0.92	45.	0.003	69	0.	0.73	36.	0.002	113	0.	1.20	59.	0.004
2960	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2961	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2962	7.76	7.76	315	0.	3.36	164.	0.011	205	0.	2.19	107.	0.007	210	0.	2.24	110.	0.008
2963	7.76	7.76	419	0.	4.47	218.	0.015	307	0.	3.27	160.	0.011	292	0.	3.12	152.	0.010
2964	7.76	7.76	415	0.	4.43	216.	0.015	343	0.	3.66	179.	0.012	325	0.	3.47	170.	0.012
2965	7.76	7.76	456	0.	4.86	237.	0.016	360	0.	3.85	188.	0.013	345	0.	3.69	180.	0.012
2966	7.76	7.76	478	0.	5.10	249.	0.017	371	0.	3.96	193.	0.013	352	0.	3.75	183.	0.013
2967	7.76	7.76	224	0.	2.40	117.	0.008	211	0.	2.25	110.	0.008	238	0.	2.54	124.	0.009
2968	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2969	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2970	7.76	7.76	211	0.	2.25	110.	0.008	135	0.	1.44	70.	0.005	131	0.	1.40	68.	0.005
2971	7.76	7.76	318	0.	3.39	166.	0.011	249	0.	2.66	130.	0.009	214	0.	2.28	111.	0.008
2972	7.76	7.76	366	0.	3.90	191.	0.013	294	0.	3.14	153.	0.011	278	0.	2.97	145.	0.010
2973	7.76	7.76	465	0.	4.97	242.	0.017	376	0.	4.01	196.	0.013	354	0.	3.78	185.	0.013
2974	7.76	7.76	558	0.	5.96	291.	0.020	433	0.	4.62	225.	0.015	421	0.	4.49	219.	0.015
2975	7.76	7.76	256	0.	2.73	133.	0.009	215	0.	2.29	112.	0.008	319	0.	3.41	166.	0.011
2976	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2985	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2986	7.76	7.76	194	0.	2.07	101.	0.007	123	0.	1.31	64.	0.004	131	0.	1.40	68.	0.005
2987	7.76	7.76	312	0.	3.34	163.	0.011	220	0.	2.35	115.	0.008	214	0.	2.28	111.	0.008
2988	7.76	7.76	350	0.	3.74	183.	0.013	272	0.	2.90	142.	0.010	278	0.	2.97	145.	0.010
2989	7.76	7.76	464	0.	4.95	242.	0.017	360	0.	3.84	188.	0.013	354	0.	3.78	185.	0.013
2990	7.76	7.76	567	0.	6.05	295.	0.020	456	0.	4.87	238.	0.016	421	0.	4.49	219.	0.015
2991	7.76	7.76	354	0.	3.78	184.	0.013	298	0.	3.18	155.	0.011	319	0.	3.41	166.	0.011
2992	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2993	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
2994	7.76	7.76	398	0.	4.25	208.	0.014	224	0.	2.39	117.	0.008	210	0.	2.24	110.	0.008
2995	7.76	7.76	464	0.	4.96	242.	0.017	306	0.	3.26	159.	0.011	292	0.	3.12	152.	0.010
2996	7.76	7.76	417	0.	4.45	217.	0.015	325	0.	3.47	169.	0.012	325	0.	3.47	170.	0.012
2997	7.76	7.76	450	0.	4.80	234.	0.016	344	0.	3.68	179.	0.012	345	0.	3.69	180.	0.012
2998	7.76	7.76	475	0.	5.07	248.	0.017	407	0.	4.35	212.	0.015	352	0.	3.75	183.	0.013
2999	7.76	7.76	234	0.	2.49	122.	0.008	179	0.	1.91	93.	0.006	238	0.	2.54	124.	0.009
3000	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3001	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3002	7.76	7.76	374	0.	3.99	195.	0.013	124	0.	1.32	65.	0.004	195	0.	2.09	102.	0.007
3003	7.76	7.76	486	0.	5.18	253.	0.017	331	0.	3.53	172.	0.012	318	0.	3.39	166.	0.011
3004	7.76	7.76	446	0.	4.76	232.	0.016	344	0.	3.67	179.	0.012	337	0.	3.60	176.	0.012
3005	7.76	7.76	380	0.	4.05	198.	0.014	305	0.	3.26	159.	0.011	297	0.	3.17	155.	0.011
3006	7.76	7.76	313	0.	3.34	163.	0.011	269	0.	2.87	140.	0.010	235	0.	2.51	122.	0.008
3007	7.76	7.76	101	0.	1.08	53.	0.004	75	0.	0.80	39.	0.003	113	0.	1.20	59.	0.004
3008	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3009	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3010	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3011	7.76	7.76	274	0.	2.92	143.	0.010	211	0.	2.25	110.	0.008	196	0.	2.09	102.	0.007
3012	7.76	7.76	401	0.	4.28	209.	0.014	307	0.	3.28	160.	0.011	284	0.	3.04	148.	0.010
3013	7.76	7.76	320	0.	3.42	167.	0.011	248	0.	2.65	129.	0.009	255	0.	2.72	133.	0.009
3014	7.76	7.76	247	0.	2.64	129.	0.009	195	0.	2.08	102.	0.007	200	0.	2.13	104.	0.007
3015	7.76	7.76	55	0.	0.59	29.	0.002	49	0.	0.52	26.	0.002	82	0.	0.87	43.	0.003
3016	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3017	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3018	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3019	7.76	7.76	307	0.	3.27	160.	0.011	228	0.	2.43	119.	0.008	251	0.	2.68	131.	0.009
3020	7.76	7.76	435	0.	4.64	227.	0.016	345	0.	3.68	180.	0.012	342	0.	3.65	178.	0.012
3021	7.76	7.76	442	0.	4.72	230.	0.016	346	0.	3.69	180.	0.012	334	0.	3.56	174.	0.012
3022	7.76	7.76	411	0.	4.38	214.	0.015	320	0.	3.42	167.	0.011	311	0.	3.32	162.	0.011
3023	7.76	7.76	170	0.	1.81	88.	0.006	133	0.	1.42	70.	0.005	198	0.	2.11	103.	0.007
3024	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3025	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3026	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	33	0.	0.36	17.	0.001
3027	7.76	7.76	425	0.	4.54	222.	0.015	327	0.	3.49	171.	0.012	313	0.	3.34	163.	0.011
3028	7.76	7.76	472	0.	5.04	246.	0.017	374	0.	4.00	195.	0.013	354	0.	3.78	185.	0.013
3029	7.76	7.76	464	0.	4.95	242.	0.017	369	0.	3.94	192.	0.013	349	0.	3.73	182.	0.013
3030	7.76	7.76	361	0.	3.85	188.	0.013	307	0.	3.27	160.	0.011	313	0.	3.34	163.	0.011
3031	7.76	7.76	10	0.	0.11	5.	0.000	7	0.	0.08	4.	0.000	128	0.	1.36	67.	0.005
3032	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3033	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3034	7.76	7.76	13	0.	0.14	7.	0.000	37	0.	0.39	19.	0.001	107	0.	1.14	56.	0.004
3035	7.76	7.76	353	0.	3.77	184.	0.013	290	0.	3.09	151.	0.010	274	0.	2.92	143.	0.010

3036	7.76	7.76	384	0.	4.10	200.	0.014	315	0.	3.36	164.	0.011	289	0.	3.08	150.	0.010
3037	7.76	7.76	451	0.	4.82	235.	0.016	359	0.	3.84	187.	0.013	339	0.	3.62	177.	0.012
3038	7.76	7.76	588	0.	6.28	306.	0.021	478	0.	5.10	249.	0.017	462	0.	4.93	241.	0.017
3039	7.76	7.76	531	0.	5.67	277.	0.019	446	0.	4.76	233.	0.016	472	0.	5.04	246.	0.017
3040	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	27	0.	0.29	14.	0.001
3041	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3042	7.76	7.76	145	0.	1.55	76.	0.005	111	0.	1.18	58.	0.004	172	0.	1.83	90.	0.006
3043	7.76	7.76	344	0.	3.68	179.	0.012	307	0.	3.28	160.	0.011	260	0.	2.78	136.	0.009
3044	7.76	7.76	332	0.	3.54	173.	0.012	289	0.	3.09	151.	0.010	248	0.	2.65	129.	0.009
3045	7.76	7.76	403	0.	4.30	210.	0.014	316	0.	3.37	165.	0.011	287	0.	3.06	149.	0.010
3046	7.76	7.76	533	0.	5.69	278.	0.019	425	0.	4.53	221.	0.015	376	0.	4.01	196.	0.013
3047	7.76	7.76	461	0.	4.92	240.	0.016	355	0.	3.79	185.	0.013	349	0.	3.72	182.	0.012
3048	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3049	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3050	7.76	7.76	45	0.	0.48	23.	0.002	34	0.	0.36	18.	0.001	56	0.	0.60	29.	0.002
3051	7.76	7.76	209	0.	2.24	109.	0.007	191	0.	2.03	99.	0.007	152	0.	1.63	79.	0.005
3052	7.76	7.76	243	0.	2.60	127.	0.009	207	0.	2.21	108.	0.007	182	0.	1.94	95.	0.007
3053	7.76	7.76	283	0.	3.02	147.	0.010	235	0.	2.51	123.	0.008	204	0.	2.18	106.	0.007
3054	7.76	7.76	307	0.	3.28	160.	0.011	271	0.	2.89	141.	0.010	217	0.	2.32	113.	0.008
3055	7.76	7.76	189	0.	2.02	99.	0.007	146	0.	1.56	76.	0.005	148	0.	1.58	77.	0.005
3056	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3057	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3058	7.76	7.76	65	0.	0.69	34.	0.002	49	0.	0.52	25.	0.002	88	0.	0.94	46.	0.003
3059	7.76	7.76	249	0.	2.65	130.	0.009	189	0.	2.02	99.	0.007	183	0.	1.95	95.	0.007
3060	7.76	7.76	275	0.	2.94	143.	0.010	210	0.	2.24	109.	0.008	197	0.	2.10	102.	0.007
3061	7.76	7.76	281	0.	3.00	147.	0.010	215	0.	2.30	112.	0.008	197	0.	2.10	103.	0.007
3062	7.76	7.76	255	0.	2.72	133.	0.009	195	0.	2.08	102.	0.007	178	0.	1.90	93.	0.006
3063	7.76	7.76	58	0.	0.61	30.	0.002	45	0.	0.48	23.	0.002	75	0.	0.80	39.	0.003
3064	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3065	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3066	7.76	7.76	202	0.	2.16	105.	0.007	197	0.	2.11	103.	0.007	222	0.	2.37	115.	0.008
3067	7.76	7.76	458	0.	4.89	239.	0.016	353	0.	3.76	184.	0.013	323	0.	3.45	168.	0.012
3068	7.76	7.76	411	0.	4.38	214.	0.015	315	0.	3.37	164.	0.011	288	0.	3.07	150.	0.010
3069	7.76	7.76	414	0.	4.42	216.	0.015	318	0.	3.40	166.	0.011	291	0.	3.11	152.	0.010
3070	7.76	7.76	458	0.	4.89	239.	0.016	354	0.	3.77	184.	0.013	326	0.	3.48	170.	0.012
3071	7.76	7.76	204	0.	2.17	106.	0.007	197	0.	2.10	103.	0.007	222	0.	2.37	116.	0.008
3072	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3073	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3074	7.76	7.76	241	0.	2.57	126.	0.009	203	0.	2.17	106.	0.007	316	0.	3.38	165.	0.011
3075	7.76	7.76	579	0.	6.18	302.	0.021	447	0.	4.77	233.	0.016	431	0.	4.60	225.	0.015
3076	7.76	7.76	515	0.	5.50	269.	0.018	390	0.	4.16	203.	0.014	368	0.	3.93	192.	0.013
3077	7.76	7.76	515	0.	5.50	269.	0.018	391	0.	4.18	204.	0.014	369	0.	3.94	192.	0.013
3078	7.76	7.76	575	0.	6.13	299.	0.021	442	0.	4.72	231.	0.016	430	0.	4.59	224.	0.015
3079	7.76	7.76	234	0.	2.50	122.	0.008	197	0.	2.10	102.	0.007	314	0.	3.35	163.	0.011
3080	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3089	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3090	7.76	7.76	353	0.	3.77	184.	0.013	293	0.	3.13	153.	0.010	316	0.	3.38	165.	0.011
3091	7.76	7.76	580	0.	6.19	302.	0.021	456	0.	4.86	237.	0.016	431	0.	4.60	225.	0.015
3092	7.76	7.76	510	0.	5.44	266.	0.018	404	0.	4.31	210.	0.014	368	0.	3.93	192.	0.013
3093	7.76	7.76	511	0.	5.45	266.	0.018	404	0.	4.31	210.	0.014	369	0.	3.94	192.	0.013
3094	7.76	7.76	576	0.	6.15	300.	0.021	452	0.	4.82	235.	0.016	430	0.	4.59	224.	0.015
3095	7.76	7.76	348	0.	3.71	181.	0.012	288	0.	3.07	150.	0.010	314	0.	3.35	163.	0.011
3096	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3097	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3098	7.76	7.76	219	0.	2.33	114.	0.008	164	0.	1.75	85.	0.006	222	0.	2.37	115.	0.008
3099	7.76	7.76	453	0.	4.84	236.	0.016	396	0.	4.23	207.	0.014	323	0.	3.45	168.	0.012
3100	7.76	7.76	426	0.	4.54	222.	0.015	348	0.	3.71	181.	0.012	288	0.	3.07	150.	0.010
3101	7.76	7.76	418	0.	4.46	218.	0.015	350	0.	3.74	183.	0.013	291	0.	3.11	152.	0.010
3102	7.76	7.76	458	0.	4.89	239.	0.016	397	0.	4.24	207.	0.014	326	0.	3.48	170.	0.012
3103	7.76	7.76	218	0.	2.32	113.	0.008	164	0.	1.75	85.	0.006	222	0.	2.37	116.	0.008
3104	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3105	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3106	7.76	7.76	77	0.	0.82	40.	0.003	54	0.	0.58	28.	0.002	88	0.	0.94	46.	0.003
3107	7.76	7.76	262	0.	2.80	137.	0.009	229	0.	2.45	119.	0.008	183	0.	1.95	95.	0.007
3108	7.76	7.76	304	0.	3.24	158.	0.011	232	0.	2.47	121.	0.008	197	0.	2.10	102.	0.007
3109	7.76	7.76	287	0.	3.07	150.	0.010	237	0.	2.53	123.	0.008	197	0.	2.10	103.	0.007
3110	7.76	7.76	268	0.	2.87	140.	0.010	233	0.	2.49	122.	0.008	178	0.	1.90	93.	0.006
3111	7.76	7.76	73	0.	0.78	38.	0.003	51	0.	0.54	27.	0.002	75	0.	0.80	39.	0.003
3112	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3113	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3114	7.76	7.76	32	0.	0.34	16.	0.001	30	0.	0.32	16.	0.001	56	0.	0.60	29.	0.002
3115	7.76	7.76	201	0.	2.14	105.	0.007	158	0.	1.69	82.	0.006	152	0.	1.63	79.	0.005
3116	7.76	7.76	244	0.	2.60	127.	0.009	189	0.	2.02	99.	0.007	182	0.	1.94	95.	0.007
3117	7.76	7.76	286	0.	3.06	149.	0.010	221	0.	2.36	115.	0.008	204	0.	2.18	106.	0.007
3118	7.76	7.76	301	0.	3.21	157.	0.011	234	0.	2.50	122.	0.008	217	0.	2.32	113.	0.008
3119	7.76	7.76	154	0.	1.64	80.	0.005	124	0.	1.32	65.	0.004	148	0.	1.58	77.	0.005
3120	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3121	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3122	7.76	7.76	145	0.	1.55	75.	0.005	112	0.	1.20	58.	0.004	172	0.	1.83	90.	0.006
3123	7.76	7.76	353	0.	3.77	184.	0.013	276	0.	2.95	144.	0.010	260	0.	2.78	136.	0.009
3124	7.76	7.76	335	0.	3.57	175.	0.012	265	0.	2.82	138.	0.009	248	0.	2.65	129.	0.009
3125	7.76	7.76	414	0.	4.42	216.	0.015	321	0.	3.42	167.	0.011	287	0.	3.06	149.	0.010
3126	7.76	7.76	559	0.	5.97	291.	0.020	432	0.	4.62	225.	0.015	376	0.	4.01	196.	0.013
3127	7.76	7.76	487	0.	5.20	254.	0.017	379	0.	4.05	197.	0.014	349	0.	3.72	182.	0.012
3128	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3129	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3130	7.76	7.76	4	0.	0.04	2.	0.000	0.	0.	0.00	0.	0.000	107	0.	1.14	56.	0.004
3131	7.76	7.76	324	0.	3.46	169.	0.012	273	0.	2.92	142.	0.010	274	0.	2.92	143.	0.010
3132	7.76	7.76	381	0.	4.07	199.	0.014	305	0.	3.25	159.	0.011	289	0.	3.08	150.	0.010
3133	7.76	7.76	466	0.	4.98	243.	0.017	364	0.	3.89	190.	0.013	339	0.	3.62	177.	0.012
3134	7.76	7.76	636	0.	6.79	331.	0.023	479	0.	5.11	250.	0.017	462	0.	4.93	241.	0.017
3135	7.76	7.76	589	0.	6.29	307.	0.021	484	0.	5.17	252.	0.017	472	0.	5.04	246.	0.017
3136	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	27	0.	0.29	14.	0.001
3137	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3138	7.76	7.76	60	0.	0.64	31.	0.002	44	0.	0.47	23.	0.002	199	0.	2.12	104.	0.007
3139	7.76	7.76	588	0.	6.28	307.	0.021	466	0.	4.98	243.	0.017	386	0.	4.12	201.	0.014
3140	7.76	7.76	294	0.	3.14	153.	0.011	244	0.	2.60	127.	0.009	241	0.	2.57	125.	0.009
3141	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3142	7.76	7.76	109	0.	1.17	57.	0.004	84	0.	0.89	44.	0.003	128	0.	1.36	66.	0.005
3143	7.76	7.76	380	0.	4.05	198.	0.014	300	0.	3.20	156.	0.011	231	0.	2.47	121.	0.008
3144	7.76	7.76	231	0.	2.46	120.	0.008	203	0.	2.16	106.	0.007	175	0.	1.87	91.	0.006
3145	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000

3146	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	5	0.	0.05	3.	0.000
3147	7.76	7.76	106	0.	1.13	55.	0.004	86	0.	0.91	45.	0.003	72	0.	0.77	37.	0.003
3148	7.76	7.76	133	0.	1.42	69.	0.005	111	0.	1.18	58.	0.004	90	0.	0.96	47.	0.003
3149	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3150	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3151	7.76	7.76	0.	0.	0.00	0.	0.000	35	0.	0.38	18.	0.001	23	0.	0.24	12.	0.001
3152	7.76	7.76	29	0.	0.31	15.	0.001	49	0.	0.53	26.	0.002	48	0.	0.52	25.	0.002
3153	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3154	7.76	7.76	48	0.	0.51	25.	0.002	36	0.	0.39	19.	0.001	86	0.	0.92	45.	0.003
3155	7.76	7.76	160	0.	1.71	83.	0.006	144	0.	1.54	75.	0.005	161	0.	1.72	84.	0.006
3156	7.76	7.76	137	0.	1.46	71.	0.005	121	0.	1.29	63.	0.004	126	0.	1.35	66.	0.005
3157	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3158	7.76	7.76	51	0.	0.55	27.	0.002	37	0.	0.40	19.	0.001	170	0.	1.81	89.	0.006
3159	7.76	7.76	290	0.	3.09	151.	0.010	223	0.	2.38	116.	0.008	252	0.	2.69	132.	0.009
3160	7.76	7.76	187	0.	2.00	98.	0.007	148	0.	1.58	77.	0.005	144	0.	1.53	75.	0.005
3165	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3166	7.76	7.76	144	0.	1.54	75.	0.005	117	0.	1.25	61.	0.004	170	0.	1.81	89.	0.006
3167	7.76	7.76	305	0.	3.26	159.	0.011	242	0.	2.58	126.	0.009	252	0.	2.69	132.	0.009
3168	7.76	7.76	175	0.	1.87	91.	0.006	141	0.	1.51	74.	0.005	144	0.	1.53	75.	0.005
3169	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3170	7.76	7.76	64	0.	0.68	33.	0.002	46	0.	0.49	24.	0.002	86	0.	0.92	45.	0.003
3171	7.76	7.76	184	0.	1.97	96.	0.007	142	0.	1.51	74.	0.005	161	0.	1.72	84.	0.006
3172	7.76	7.76	139	0.	1.48	72.	0.005	110	0.	1.17	57.	0.004	126	0.	1.35	66.	0.005
3173	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3174	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3175	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	23	0.	0.24	12.	0.001
3176	7.76	7.76	15	0.	0.16	8.	0.001	15	0.	0.16	8.	0.001	48	0.	0.52	25.	0.002
3177	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3178	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	5	0.	0.05	3.	0.000
3179	7.76	7.76	98	0.	1.05	51.	0.004	83	0.	0.88	43.	0.003	72	0.	0.77	37.	0.003
3180	7.76	7.76	109	0.	1.16	57.	0.004	92	0.	0.98	48.	0.003	90	0.	0.96	47.	0.003
3181	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3182	7.76	7.76	77	0.	0.83	40.	0.003	60	0.	0.64	31.	0.002	128	0.	1.36	66.	0.005
3183	7.76	7.76	334	0.	3.57	174.	0.012	262	0.	2.80	136.	0.009	231	0.	2.47	121.	0.008
3184	7.76	7.76	251	0.	2.68	131.	0.009	200	0.	2.13	104.	0.007	175	0.	1.87	91.	0.006
3185	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3186	7.76	7.76	120	0.	1.28	62.	0.004	82	0.	0.88	43.	0.003	199	0.	2.12	104.	0.007
3187	7.76	7.76	548	0.	5.85	285.	0.020	421	0.	4.50	219.	0.015	386	0.	4.12	201.	0.014
3188	7.76	7.76	311	0.	3.32	162.	0.011	242	0.	2.59	126.	0.009	241	0.	2.57	125.	0.009
3197	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3198	7.76	7.76	49	0.	0.52	25.	0.002	43	0.	0.46	22.	0.002	207	0.	2.20	108.	0.007
3199	7.76	7.76	470	0.	5.01	245.	0.017	421	0.	4.50	220.	0.015	541	0.	5.78	282.	0.019
3200	7.76	7.76	793	0.	8.47	413.	0.028	696	0.	7.43	363.	0.025	700	0.	7.47	365.	0.025
3201	7.76	7.76	221	0.	2.36	115.	0.008	174	0.	1.85	90.	0.006	160	0.	1.71	83.	0.006
3202	7.76	7.76	617	0.	6.58	321.	0.022	529	0.	5.65	276.	0.019	454	0.	4.85	237.	0.016
3203	7.76	7.76	925	0.	9.88	482.	0.033	812	0.	8.66	423.	0.029	713	0.	7.61	372.	0.026
3204	7.76	7.76	1031	0.	11.00	537.	0.037	951	0.	10.16	496.	0.034	881	0.	9.40	459.	0.032
3205	7.76	7.76	426	0.	4.55	222.	0.015	350	0.	3.73	182.	0.013	352	0.	3.76	184.	0.013
3206	7.76	7.76	618	0.	6.60	322.	0.022	519	0.	5.54	271.	0.019	505	0.	5.39	263.	0.018
3207	7.76	7.76	783	0.	8.35	408.	0.028	670	0.	7.15	349.	0.024	644	0.	6.87	335.	0.023
3208	7.76	7.76	885	0.	9.45	461.	0.032	765	0.	8.16	399.	0.027	743	0.	7.93	387.	0.027
3209	7.76	7.76	430	0.	4.59	224.	0.015	360	0.	3.84	187.	0.013	348	0.	3.71	181.	0.012
3210	7.76	7.76	560	0.	5.98	292.	0.020	480	0.	5.13	250.	0.017	464	0.	4.96	242.	0.017
3211	7.76	7.76	621	0.	6.63	323.	0.022	520	0.	5.55	271.	0.019	503	0.	5.37	262.	0.018
3212	7.76	7.76	650	0.	6.94	339.	0.023	553	0.	5.90	288.	0.020	532	0.	5.68	277.	0.019
3213	7.76	7.76	10	0.	0.11	5.	0.000	16	0.	0.17	8.	0.001	129	0.	1.38	67.	0.005
3214	7.76	7.76	353	0.	3.77	184.	0.013	289	0.	3.09	151.	0.010	306	0.	3.27	159.	0.011
3215	7.76	7.76	402	0.	4.29	209.	0.014	331	0.	3.53	173.	0.012	297	0.	3.17	155.	0.011
3216	7.76	7.76	389	0.	4.16	203.	0.014	327	0.	3.50	171.	0.012	295	0.	3.15	154.	0.011
3217	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3218	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3219	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3220	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	19	0.	0.20	10.	0.001
3221	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3222	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3223	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3224	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3225	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	74	0.	0.79	39.	0.003
3226	7.76	7.76	224	0.	2.39	117.	0.008	174	0.	1.86	91.	0.006	207	0.	2.20	108.	0.007
3227	7.76	7.76	165	0.	1.76	86.	0.006	128	0.	1.37	67.	0.005	140	0.	1.50	73.	0.005
3228	7.76	7.76	78	0.	0.83	41.	0.003	58	0.	0.62	30.	0.002	91	0.	0.98	48.	0.003
3229	7.76	7.76	323	0.	3.45	168.	0.012	267	0.	2.85	139.	0.010	253	0.	2.70	132.	0.009
3230	7.76	7.76	364	0.	3.89	190.	0.013	303	0.	3.24	158.	0.011	276	0.	2.95	144.	0.010
3231	7.76	7.76	296	0.	3.16	154.	0.011	229	0.	2.44	119.	0.008	209	0.	2.23	109.	0.007
3232	7.76	7.76	202	0.	2.16	105.	0.007	155	0.	1.65	81.	0.006	149	0.	1.59	78.	0.005
3233	7.76	7.76	352	0.	3.76	184.	0.013	283	0.	3.02	147.	0.010	267	0.	2.85	139.	0.010
3234	7.76	7.76	315	0.	3.36	164.	0.011	242	0.	2.59	126.	0.009	229	0.	2.45	120.	0.008
3235	7.76	7.76	265	0.	2.83	138.	0.009	188	0.	2.01	98.	0.007	178	0.	1.90	93.	0.006
3236	7.76	7.76	194	0.	2.08	101.	0.007	143	0.	1.53	75.	0.005	132	0.	1.41	69.	0.005
3237	7.76	7.76	355	0.	3.79	185.	0.013	285	0.	3.05	149.	0.010	270	0.	2.88	141.	0.010
3238	7.76	7.76	321	0.	3.43	167.	0.011	246	0.	2.63	128.	0.009	233	0.	2.49	121.	0.008
3239	7.76	7.76	273	0.	2.91	142.	0.010	194	0.	2.07	101.	0.007	184	0.	1.97	96.	0.007
3240	7.76	7.76	202	0.	2.16	105.	0.007	149	0.	1.59	78.	0.005	138	0.	1.47	72.	0.005
3241	7.76	7.76	325	0.	3.47	170.	0.012	274	0.	2.92	143.	0.010	259	0.	2.77	135.	0.009
3242	7.76	7.76	372	0.	3.97	194.	0.013	311	0.	3.32	162.	0.011	284	0.	3.03	148.	0.010
3243	7.76	7.76	304	0.	3.25	158.	0.011	237	0.	2.53	124.	0.008	218	0.	2.32	113.	0.008
3244	7.76	7.76	210	0.	2.24	110.	0.008	163	0.	1.74	85.	0.006	158	0.	1.68	82.	0.006
3245	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	76	0.	0.82	40.	0.003
3246	7.76	7.76	204	0.	2.17	106.	0.007	168	0.	1.79	88.	0.006	212	0.	2.27	111.	0.008
3247	7.76	7.76	166	0.	1.78	87.	0.006	132	0.	1.41	69.	0.005	147	0.	1.57	76.	0.005
3248	7.76	7.76	79	0.	0.84	41.	0.003	63	0.	0.67	33.	0.002	97	0.	1.04	51.	0.003
3249	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3250	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3251	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3252	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3253	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3254	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3255	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3256	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3257	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	77	0.	0.82	40.	0.003
3258	7.76	7.76	223	0.	2.38	116.	0.008	175	0.	1.87	91.	0.006	209	0.	2.24	109.	0.007
3259	7.76	7.76	168	0.	1.79	87.	0.006	131	0.	1.40	69.	0.005	144	0.	1.54	75.	0.005

3260	7.76	7.76	82	0.	0.87	43.	0.003	63	0.	0.67	33.	0.002	95	0.	1.02	50.	0.003
3261	7.76	7.76	330	0.	3.52	172.	0.012	273	0.	2.91	142.	0.010	259	0.	2.76	135.	0.009
3262	7.76	7.76	365	0.	3.90	190.	0.013	302	0.	3.23	158.	0.011	278	0.	2.97	145.	0.010
3263	7.76	7.76	296	0.	3.16	154.	0.011	230	0.	2.46	120.	0.008	210	0.	2.24	109.	0.008
3264	7.76	7.76	205	0.	2.19	107.	0.007	158	0.	1.69	82.	0.006	152	0.	1.62	79.	0.005
3265	7.76	7.76	358	0.	3.82	186.	0.013	288	0.	3.07	150.	0.010	273	0.	2.91	142.	0.010
3266	7.76	7.76	300	0.	3.21	157.	0.011	238	0.	2.54	124.	0.009	219	0.	2.34	114.	0.008
3267	7.76	7.76	255	0.	2.72	133.	0.009	191	0.	2.04	100.	0.007	177	0.	1.89	92.	0.006
3268	7.76	7.76	190	0.	2.03	99.	0.007	140	0.	1.50	73.	0.005	130	0.	1.38	68.	0.005
3269	7.76	7.76	416	0.	4.44	217.	0.015	335	0.	3.57	174.	0.012	317	0.	3.39	165.	0.011
3270	7.76	7.76	324	0.	3.45	169.	0.012	261	0.	2.78	136.	0.009	247	0.	2.64	129.	0.009
3271	7.76	7.76	233	0.	2.48	121.	0.008	185	0.	1.97	96.	0.007	170	0.	1.81	88.	0.006
3272	7.76	7.76	168	0.	1.79	87.	0.006	131	0.	1.40	68.	0.005	115	0.	1.23	60.	0.004
3273	7.76	7.76	441	0.	4.71	230.	0.016	356	0.	3.80	185.	0.013	337	0.	3.60	176.	0.012
3274	7.76	7.76	378	0.	4.03	197.	0.014	301	0.	3.21	157.	0.011	282	0.	3.01	147.	0.010
3275	7.76	7.76	274	0.	2.92	143.	0.010	216	0.	2.30	113.	0.008	201	0.	2.15	105.	0.007
3276	7.76	7.76	191	0.	2.04	100.	0.007	151	0.	1.61	79.	0.005	146	0.	1.56	76.	0.005
3277	7.76	7.76	181	0.	1.93	94.	0.006	145	0.	1.54	75.	0.005	203	0.	2.16	106.	0.007
3278	7.76	7.76	212	0.	2.27	111.	0.008	170	0.	1.81	88.	0.006	211	0.	2.25	110.	0.008
3279	7.76	7.76	173	0.	1.85	90.	0.006	139	0.	1.49	73.	0.005	164	0.	1.75	85.	0.006
3280	7.76	7.76	131	0.	1.40	68.	0.005	106	0.	1.13	55.	0.004	133	0.	1.42	70.	0.005
3281	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3282	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3283	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3284	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	70	0.	0.74	36.	0.002
3293	7.76	7.76	844	0.	9.01	440.	0.030	727	0.	7.76	379.	0.026	700	0.	7.47	365.	0.025
3294	7.76	7.76	498	0.	5.32	260.	0.018	420	0.	4.48	219.	0.015	541	0.	5.78	282.	0.019
3295	7.76	7.76	147	0.	1.57	77.	0.005	105	0.	1.13	55.	0.004	207	0.	2.20	108.	0.007
3296	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3297	7.76	7.76	1059	0.	11.30	552.	0.038	918	0.	9.80	478.	0.033	881	0.	9.40	459.	0.032
3298	7.76	7.76	888	0.	9.48	463.	0.032	758	0.	8.09	395.	0.027	713	0.	7.61	372.	0.026
3299	7.76	7.76	608	0.	6.49	317.	0.022	503	0.	5.37	262.	0.018	454	0.	4.85	237.	0.016
3300	7.76	7.76	238	0.	2.55	124.	0.009	179	0.	1.91	93.	0.006	160	0.	1.71	83.	0.006
3301	7.76	7.76	916	0.	9.78	478.	0.033	788	0.	8.41	411.	0.028	743	0.	7.93	387.	0.027
3302	7.76	7.76	817	0.	8.72	426.	0.029	692	0.	7.39	361.	0.025	644	0.	6.87	335.	0.023
3303	7.76	7.76	652	0.	6.96	340.	0.023	540	0.	5.77	282.	0.019	505	0.	5.39	263.	0.018
3304	7.76	7.76	433	0.	4.62	225.	0.015	351	0.	3.75	183.	0.013	352	0.	3.76	184.	0.013
3305	7.76	7.76	657	0.	7.01	342.	0.024	567	0.	6.05	295.	0.020	532	0.	5.68	277.	0.019
3306	7.76	7.76	646	0.	6.90	337.	0.023	538	0.	5.75	281.	0.019	503	0.	5.37	262.	0.018
3307	7.76	7.76	597	0.	6.37	311.	0.021	489	0.	5.22	255.	0.018	464	0.	4.96	242.	0.017
3308	7.76	7.76	449	0.	4.79	234.	0.016	377	0.	4.02	196.	0.013	348	0.	3.71	181.	0.012
3309	7.76	7.76	378	0.	4.03	197.	0.014	314	0.	3.35	164.	0.011	295	0.	3.15	154.	0.011
3310	7.76	7.76	417	0.	4.46	218.	0.015	339	0.	3.62	177.	0.012	297	0.	3.17	155.	0.011
3311	7.76	7.76	420	0.	4.49	219.	0.015	339	0.	3.61	176.	0.012	306	0.	3.27	159.	0.011
3312	7.76	7.76	97	0.	1.04	51.	0.003	89	0.	0.95	46.	0.003	129	0.	1.38	67.	0.005
3313	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	19	0.	0.20	10.	0.001
3314	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3315	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3316	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3317	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3318	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3319	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3320	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3321	7.76	7.76	118	0.	1.26	61.	0.004	86	0.	0.92	45.	0.003	91	0.	0.98	48.	0.003
3322	7.76	7.76	178	0.	1.90	93.	0.006	130	0.	1.39	68.	0.005	140	0.	1.50	73.	0.005
3323	7.76	7.76	247	0.	2.64	129.	0.009	218	0.	2.33	114.	0.008	207	0.	2.20	108.	0.007
3324	7.76	7.76	13	0.	0.14	7.	0.000	37	0.	0.40	19.	0.001	74	0.	0.79	39.	0.003
3325	7.76	7.76	251	0.	2.68	131.	0.009	191	0.	2.04	100.	0.007	149	0.	1.59	78.	0.005
3326	7.76	7.76	331	0.	3.53	172.	0.012	255	0.	2.72	133.	0.009	209	0.	2.23	109.	0.007
3327	7.76	7.76	353	0.	3.76	184.	0.013	296	0.	3.16	154.	0.011	276	0.	2.95	144.	0.010
3328	7.76	7.76	324	0.	3.45	169.	0.012	267	0.	2.85	139.	0.010	253	0.	2.70	132.	0.009
3329	7.76	7.76	227	0.	2.42	118.	0.008	173	0.	1.85	90.	0.006	132	0.	1.41	69.	0.005
3330	7.76	7.76	276	0.	2.95	144.	0.010	214	0.	2.29	112.	0.008	178	0.	1.90	93.	0.006
3331	7.76	7.76	332	0.	3.55	173.	0.012	258	0.	2.75	134.	0.009	229	0.	2.45	120.	0.008
3332	7.76	7.76	363	0.	3.88	189.	0.013	283	0.	3.02	147.	0.010	267	0.	2.85	139.	0.010
3333	7.76	7.76	232	0.	2.48	121.	0.008	178	0.	1.90	93.	0.006	138	0.	1.47	72.	0.005
3334	7.76	7.76	282	0.	3.01	147.	0.010	220	0.	2.35	114.	0.008	184	0.	1.97	96.	0.007
3335	7.76	7.76	336	0.	3.58	175.	0.012	261	0.	2.79	136.	0.009	233	0.	2.49	121.	0.008
3336	7.76	7.76	366	0.	3.91	191.	0.013	285	0.	3.05	149.	0.010	270	0.	2.88	141.	0.010
3337	7.76	7.76	260	0.	2.78	136.	0.009	200	0.	2.14	104.	0.007	158	0.	1.68	82.	0.006
3338	7.76	7.76	340	0.	3.63	177.	0.012	263	0.	2.81	137.	0.009	218	0.	2.32	113.	0.008
3339	7.76	7.76	360	0.	3.84	188.	0.013	303	0.	3.23	158.	0.011	284	0.	3.03	148.	0.010
3340	7.76	7.76	331	0.	3.53	172.	0.012	274	0.	2.92	143.	0.010	259	0.	2.77	135.	0.009
3341	7.76	7.76	120	0.	1.29	63.	0.004	91	0.	0.98	48.	0.003	97	0.	1.04	51.	0.003
3342	7.76	7.76	179	0.	1.91	93.	0.006	135	0.	1.44	70.	0.005	147	0.	1.57	76.	0.005
3343	7.76	7.76	250	0.	2.67	130.	0.009	223	0.	2.38	116.	0.008	212	0.	2.27	111.	0.008
3344	7.76	7.76	13	0.	0.14	7.	0.000	38	0.	0.41	20.	0.001	76	0.	0.82	40.	0.003
3345	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3346	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3347	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3348	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3349	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3350	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3351	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3352	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3353	7.76	7.76	121	0.	1.30	63.	0.004	75	0.	0.80	39.	0.003	95	0.	1.02	50.	0.003
3354	7.76	7.76	180	0.	1.93	94.	0.006	117	0.	1.25	61.	0.004	144	0.	1.54	75.	0.005
3355	7.76	7.76	248	0.	2.65	129.	0.009	221	0.	2.35	115.	0.008	209	0.	2.24	109.	0.007
3356	7.76	7.76	11	0.	0.12	6.	0.000	37	0.	0.40	19.	0.001	77	0.	0.82	40.	0.003
3357	7.76	7.76	251	0.	2.68	131.	0.009	193	0.	2.06	101.	0.007	152	0.	1.62	79.	0.005
3358	7.76	7.76	329	0.	3.51	171.	0.012	255	0.	2.72	133.	0.009	210	0.	2.24	109.	0.008
3359	7.76	7.76	356	0.	3.80	186.	0.013	296	0.	3.16	154.	0.011	278	0.	2.97	145.	0.010
3360	7.76	7.76	332	0.	3.54	173.	0.012	273	0.	2.91	142.	0.010	259	0.	2.76	135.	0.009
3361	7.76	7.76	217	0.	2.32	113.	0.008	167	0.	1.79	87.	0.006	130	0.	1.38	68.	0.005
3362	7.76	7.76	270	0.	2.89	141.	0.010	212	0.	2.26	110.	0.008	177	0.	1.89	92.	0.006
3363	7.76	7.76	323	0.	3.44	168.	0.012	251	0.	2.68	131.	0.009	219	0.	2.34	114.	0.008
3364	7.76	7.76	383	0.	4.09	200.	0.014	300	0.	3.21	157.	0.011	273	0.	2.91	142.	0.010
3365	7.76	7.76	188	0.	2.00	98.	0.007	141	0.	1.51	74.	0.005	115	0.	1.23	60.	0.004
3366	7.76	7.76	266	0.	2.84	138.	0.010	204	0.	2.18	106.	0.007	170	0.	1.81	88.	0.006
3367	7.76	7.76	372	0.	3.98	194.	0.013	289	0.	3.09	151.	0.010	247	0.	2.64	129.	0.009
3368	7.76	7.76	441	0.	4.71	230.	0.016	346	0.	3.70	180.	0.012	317	0.	3.39	165.	0.011
3369	7.76	7.76	218	0.	2.33	114.	0.008	182	0.	1.95	95.	0.007	146	0.	1.56	76.	0.005

3370	7.76	7.76	305	0.	3.25	159.	0.011	245	0.	2.61	127.	0.009	201	0.	2.15	105.	0.007
3371	7.76	7.76	414	0.	4.42	216.	0.015	322	0.	3.44	168.	0.012	282	0.	3.01	147.	0.010
3372	7.76	7.76	461	0.	4.92	240.	0.016	363	0.	3.87	189.	0.013	337	0.	3.60	176.	0.012
3373	7.76	7.76	188	0.	2.01	98.	0.007	148	0.	1.58	77.	0.005	133	0.	1.42	70.	0.005
3374	7.76	7.76	240	0.	2.56	125.	0.009	188	0.	2.01	98.	0.007	164	0.	1.75	85.	0.006
3375	7.76	7.76	247	0.	2.64	129.	0.009	227	0.	2.42	118.	0.008	211	0.	2.25	110.	0.008
3376	7.76	7.76	164	0.	1.75	85.	0.006	141	0.	1.51	74.	0.005	203	0.	2.16	106.	0.007
3377	7.76	7.76	28	0.	0.30	15.	0.001	26	0.	0.28	14.	0.001	70	0.	0.74	36.	0.002
3378	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3379	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3380	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3399	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3400	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3401	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3402	7.76	7.76	0.	0.	0.00	0.	0.000	13	0.	0.14	7.	0.000	69	0.	0.74	36.	0.002
3403	7.76	7.76	98	0.	1.05	51.	0.004	58	0.	0.62	30.	0.002	185	0.	1.98	96.	0.007
3404	7.76	7.76	220	0.	2.34	114.	0.008	165	0.	1.77	86.	0.006	204	0.	2.18	106.	0.007
3405	7.76	7.76	179	0.	1.91	93.	0.006	138	0.	1.48	72.	0.005	161	0.	1.72	84.	0.006
3406	7.76	7.76	136	0.	1.45	71.	0.005	107	0.	1.14	56.	0.004	133	0.	1.42	69.	0.005
3407	7.76	7.76	436	0.	4.65	227.	0.016	346	0.	3.69	180.	0.012	328	0.	3.50	171.	0.012
3408	7.76	7.76	376	0.	4.01	196.	0.013	297	0.	3.17	155.	0.011	278	0.	2.97	145.	0.010
3409	7.76	7.76	274	0.	2.93	143.	0.010	215	0.	2.29	112.	0.008	201	0.	2.14	105.	0.007
3410	7.76	7.76	193	0.	2.06	101.	0.007	151	0.	1.61	79.	0.005	147	0.	1.57	76.	0.005
3411	7.76	7.76	419	0.	4.47	218.	0.015	337	0.	3.60	176.	0.012	320	0.	3.41	167.	0.011
3412	7.76	7.76	339	0.	3.62	177.	0.012	263	0.	2.80	137.	0.009	249	0.	2.66	130.	0.009
3413	7.76	7.76	243	0.	2.59	127.	0.009	186	0.	1.99	97.	0.007	171	0.	1.83	89.	0.006
3414	7.76	7.76	168	0.	1.79	88.	0.006	132	0.	1.40	69.	0.005	117	0.	1.25	61.	0.004
3415	7.76	7.76	361	0.	3.85	188.	0.013	291	0.	3.10	151.	0.010	275	0.	2.94	143.	0.010
3416	7.76	7.76	299	0.	3.19	156.	0.011	236	0.	2.52	123.	0.008	217	0.	2.32	113.	0.008
3417	7.76	7.76	253	0.	2.70	132.	0.009	189	0.	2.01	98.	0.007	174	0.	1.86	91.	0.006
3418	7.76	7.76	188	0.	2.01	98.	0.007	138	0.	1.48	72.	0.005	128	0.	1.36	67.	0.005
3419	7.76	7.76	328	0.	3.51	171.	0.012	261	0.	2.79	136.	0.009	259	0.	2.76	135.	0.009
3420	7.76	7.76	360	0.	3.85	188.	0.013	283	0.	3.02	147.	0.010	273	0.	2.92	142.	0.010
3421	7.76	7.76	291	0.	3.11	152.	0.010	227	0.	2.42	118.	0.008	207	0.	2.21	108.	0.007
3422	7.76	7.76	200	0.	2.14	104.	0.007	155	0.	1.65	81.	0.006	149	0.	1.59	78.	0.005
3423	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	77	0.	0.82	40.	0.003
3424	7.76	7.76	199	0.	2.12	104.	0.007	164	0.	1.75	86.	0.006	206	0.	2.19	107.	0.007
3425	7.76	7.76	159	0.	1.70	83.	0.006	126	0.	1.34	66.	0.005	140	0.	1.50	73.	0.005
3426	7.76	7.76	73	0.	0.78	38.	0.003	58	0.	0.62	30.	0.002	91	0.	0.97	48.	0.003
3427	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3428	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3429	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3430	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3431	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3432	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3433	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	69	0.	0.74	36.	0.002
3434	7.76	7.76	32	0.	0.34	17.	0.001	23	0.	0.25	12.	0.001	76	0.	0.81	40.	0.003
3435	7.76	7.76	382	0.	4.08	199.	0.014	308	0.	3.29	161.	0.011	292	0.	3.12	152.	0.010
3436	7.76	7.76	351	0.	3.75	183.	0.013	278	0.	2.97	145.	0.010	256	0.	2.73	133.	0.009
3437	7.76	7.76	425	0.	4.54	222.	0.015	343	0.	3.66	179.	0.012	326	0.	3.48	170.	0.012
3438	7.76	7.76	376	0.	4.01	196.	0.013	298	0.	3.18	155.	0.011	289	0.	3.08	150.	0.010
3439	7.76	7.76	391	0.	4.17	204.	0.014	315	0.	3.36	164.	0.011	299	0.	3.19	156.	0.011
3440	7.76	7.76	340	0.	3.63	177.	0.012	271	0.	2.90	141.	0.010	259	0.	2.77	135.	0.009
3441	7.76	7.76	421	0.	4.50	220.	0.015	335	0.	3.58	175.	0.012	319	0.	3.40	166.	0.011
3442	7.76	7.76	378	0.	4.03	197.	0.014	297	0.	3.17	155.	0.011	287	0.	3.06	149.	0.010
3443	7.76	7.76	382	0.	4.07	199.	0.014	307	0.	3.28	160.	0.011	291	0.	3.11	152.	0.010
3444	7.76	7.76	351	0.	3.75	183.	0.013	278	0.	2.96	145.	0.010	255	0.	2.72	133.	0.009
3445	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	66	0.	0.71	35.	0.002
3446	7.76	7.76	0.	0.	0.00	0.	0.000	22	0.	0.24	12.	0.001	78	0.	0.83	41.	0.003
3447	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3448	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3449	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3450	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3451	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3452	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3453	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	66	0.	0.71	34.	0.002
3454	7.76	7.76	193	0.	2.06	101.	0.007	151	0.	1.61	79.	0.005	194	0.	2.07	101.	0.007
3455	7.76	7.76	144	0.	1.53	75.	0.005	112	0.	1.20	59.	0.004	124	0.	1.32	65.	0.004
3456	7.76	7.76	54	0.	0.57	28.	0.002	41	0.	0.43	21.	0.001	71	0.	0.75	37.	0.003
3457	7.76	7.76	321	0.	3.43	167.	0.012	267	0.	2.85	139.	0.010	253	0.	2.70	132.	0.009
3458	7.76	7.76	340	0.	3.63	177.	0.012	285	0.	3.04	148.	0.010	257	0.	2.74	134.	0.009
3459	7.76	7.76	276	0.	2.95	144.	0.010	214	0.	2.29	112.	0.008	194	0.	2.07	101.	0.007
3460	7.76	7.76	176	0.	1.88	92.	0.006	135	0.	1.44	70.	0.005	127	0.	1.36	66.	0.005
3461	7.76	7.76	383	0.	4.09	200.	0.014	308	0.	3.29	161.	0.011	292	0.	3.12	152.	0.010
3462	7.76	7.76	328	0.	3.50	171.	0.012	259	0.	2.76	135.	0.009	245	0.	2.62	128.	0.009
3463	7.76	7.76	244	0.	2.60	127.	0.009	185	0.	1.98	97.	0.007	176	0.	1.88	92.	0.006
3464	7.76	7.76	179	0.	1.91	93.	0.006	129	0.	1.37	67.	0.005	119	0.	1.27	62.	0.004
3465	7.76	7.76	461	0.	4.92	240.	0.017	374	0.	3.99	195.	0.013	354	0.	3.78	185.	0.013
3466	7.76	7.76	461	0.	4.92	240.	0.017	364	0.	3.89	190.	0.013	330	0.	3.52	172.	0.012
3467	7.76	7.76	424	0.	4.53	221.	0.015	331	0.	3.53	172.	0.012	290	0.	3.10	151.	0.010
3468	7.76	7.76	356	0.	3.80	186.	0.013	276	0.	2.94	144.	0.010	235	0.	2.50	122.	0.008
3469	7.76	7.76	586	0.	6.25	305.	0.021	473	0.	5.05	247.	0.017	449	0.	4.79	234.	0.016
3470	7.76	7.76	666	0.	7.11	347.	0.024	555	0.	5.92	289.	0.020	503	0.	5.37	262.	0.018
3471	7.76	7.76	631	0.	6.74	329.	0.023	493	0.	5.27	257.	0.018	442	0.	4.72	230.	0.016
3472	7.76	7.76	534	0.	5.70	278.	0.019	416	0.	4.44	217.	0.015	375	0.	4.00	196.	0.013
3473	7.76	7.76	591	0.	6.31	308.	0.021	440	0.	4.70	230.	0.016	418	0.	4.46	218.	0.015
3474	7.76	7.76	869	0.	9.27	453.	0.031	688	0.	7.35	359.	0.025	631	0.	6.74	329.	0.023
3475	7.76	7.76	748	0.	7.99	390.	0.027	588	0.	6.27	306.	0.021	541	0.	5.77	282.	0.019
3476	7.76	7.76	600	0.	6.40	312.	0.021	469	0.	5.01	245.	0.017	461	0.	4.92	240.	0.017
3477	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3478	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	378	0.	4.03	197.	0.014
3479	7.76	7.76	470	0.	5.02	245.	0.017	392	0.	4.19	204.	0.014	409	0.	4.37	213.	0.015
3480	7.76	7.76	444	0.	4.74	232.	0.016	372	0.	3.97	194.	0.013	346	0.	3.70	181.	0.012
3481	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3482	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3483	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3484	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3485	7.76	7.76	92	0.	0.98	48.	0.003	52	0.	0.56	27.	0.002	71	0.	0.75	37.	0.003
3486	7.76	7.76	155	0.	1.66	81.	0.006	97	0.	1.03	50.	0.003	124	0.	1.32	65.	0.004
3487	7.76	7.76	227	0.	2.43	118.	0.008	205	0.	2.19	107.	0.007	194	0.	2.07	101.	0.007
3488	7.76	7.76	0.	0.	0.00	0.	0.000	27	0.	0.28	14.	0.001	66	0.	0.71	34.	0.002
3489	7.76	7.76	226	0.	2.41	118.	0.008	173	0.	1.85	90.	0.006	127	0.	1.36	66.	0.005

3490	7.76	7.76	312	0.	3.33	163.	0.011	242	0.	2.58	126.	0.009	194	0.	2.07	101.	0.007
3491	7.76	7.76	341	0.	3.64	178.	0.012	281	0.	3.00	146.	0.010	257	0.	2.74	134.	0.009
3492	7.76	7.76	322	0.	3.44	168.	0.012	267	0.	2.85	139.	0.010	253	0.	2.70	132.	0.009
3493	7.76	7.76	213	0.	2.27	111.	0.008	164	0.	1.75	86.	0.006	119	0.	1.27	62.	0.004
3494	7.76	7.76	282	0.	3.01	147.	0.010	218	0.	2.33	114.	0.008	176	0.	1.88	92.	0.006
3495	7.76	7.76	358	0.	3.82	187.	0.013	277	0.	2.95	144.	0.010	245	0.	2.62	128.	0.009
3496	7.76	7.76	396	0.	4.23	206.	0.014	308	0.	3.29	161.	0.011	292	0.	3.12	152.	0.010
3497	7.76	7.76	372	0.	3.98	194.	0.013	283	0.	3.02	147.	0.010	235	0.	2.50	122.	0.008
3498	7.76	7.76	434	0.	4.63	226.	0.016	334	0.	3.57	174.	0.012	290	0.	3.10	151.	0.010
3499	7.76	7.76	461	0.	4.92	240.	0.016	361	0.	3.85	188.	0.013	330	0.	3.52	172.	0.012
3500	7.76	7.76	473	0.	5.05	247.	0.017	374	0.	3.99	195.	0.013	354	0.	3.78	185.	0.013
3501	7.76	7.76	564	0.	6.02	294.	0.020	420	0.	4.48	219.	0.015	375	0.	4.00	196.	0.013
3502	7.76	7.76	644	0.	6.88	336.	0.023	492	0.	5.25	257.	0.018	442	0.	4.72	230.	0.016
3503	7.76	7.76	708	0.	7.56	369.	0.025	526	0.	5.62	274.	0.019	503	0.	5.37	262.	0.018
3504	7.76	7.76	598	0.	6.38	311.	0.021	467	0.	4.98	243.	0.017	449	0.	4.79	234.	0.016
3505	7.76	7.76	657	0.	7.02	343.	0.024	519	0.	5.54	271.	0.019	461	0.	4.92	240.	0.017
3506	7.76	7.76	772	0.	8.24	402.	0.028	591	0.	6.31	308.	0.021	541	0.	5.77	282.	0.019
3507	7.76	7.76	854	0.	9.11	445.	0.031	664	0.	7.09	346.	0.024	631	0.	6.74	329.	0.023
3508	7.76	7.76	527	0.	5.63	275.	0.019	440	0.	4.70	230.	0.016	418	0.	4.46	218.	0.015
3509	7.76	7.76	468	0.	4.99	244.	0.017	367	0.	3.92	191.	0.013	346	0.	3.70	181.	0.012
3510	7.76	7.76	470	0.	5.01	245.	0.017	364	0.	3.88	190.	0.013	409	0.	4.37	213.	0.015
3511	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	378	0.	4.03	197.	0.014
3512	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3513	7.76	7.76	9	0.	0.09	5.	0.000	26	0.	0.27	13.	0.001	69	0.	0.74	36.	0.002
3514	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3515	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3516	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3517	7.76	7.76	185	0.	1.97	96.	0.007	146	0.	1.56	76.	0.005	133	0.	1.42	69.	0.005
3518	7.76	7.76	235	0.	2.51	123.	0.008	184	0.	1.97	96.	0.007	161	0.	1.72	84.	0.006
3519	7.76	7.76	245	0.	2.61	127.	0.009	184	0.	1.97	96.	0.007	204	0.	2.18	106.	0.007
3520	7.76	7.76	164	0.	1.75	85.	0.006	108	0.	1.15	56.	0.004	185	0.	1.98	96.	0.007
3521	7.76	7.76	216	0.	2.31	113.	0.008	182	0.	1.94	95.	0.007	147	0.	1.57	76.	0.005
3522	7.76	7.76	300	0.	3.20	156.	0.011	242	0.	2.58	126.	0.009	201	0.	2.14	105.	0.007
3523	7.76	7.76	406	0.	4.33	211.	0.015	316	0.	3.37	165.	0.011	278	0.	2.97	145.	0.010
3524	7.76	7.76	450	0.	4.80	234.	0.016	351	0.	3.75	183.	0.013	328	0.	3.50	171.	0.012
3525	7.76	7.76	189	0.	2.02	98.	0.007	142	0.	1.52	74.	0.005	117	0.	1.25	61.	0.004
3526	7.76	7.76	267	0.	2.85	139.	0.010	205	0.	2.19	107.	0.007	171	0.	1.83	89.	0.006
3527	7.76	7.76	375	0.	4.00	195.	0.013	291	0.	3.11	152.	0.010	249	0.	2.66	130.	0.009
3528	7.76	7.76	445	0.	4.75	232.	0.016	349	0.	3.73	182.	0.012	320	0.	3.41	167.	0.011
3529	7.76	7.76	214	0.	2.28	111.	0.008	165	0.	1.76	86.	0.006	128	0.	1.36	67.	0.005
3530	7.76	7.76	266	0.	2.84	139.	0.010	209	0.	2.23	109.	0.007	174	0.	1.86	91.	0.006
3531	7.76	7.76	319	0.	3.41	166.	0.011	249	0.	2.66	130.	0.009	217	0.	2.32	113.	0.008
3532	7.76	7.76	392	0.	4.19	204.	0.014	307	0.	3.27	160.	0.011	275	0.	2.94	143.	0.010
3533	7.76	7.76	247	0.	2.64	129.	0.009	190	0.	2.03	99.	0.007	149	0.	1.59	78.	0.005
3534	7.76	7.76	324	0.	3.46	169.	0.012	252	0.	2.69	131.	0.009	207	0.	2.21	108.	0.007
3535	7.76	7.76	352	0.	3.76	184.	0.013	277	0.	2.96	144.	0.010	273	0.	2.92	142.	0.010
3536	7.76	7.76	331	0.	3.53	172.	0.012	283	0.	3.02	147.	0.010	259	0.	2.76	135.	0.009
3537	7.76	7.76	113	0.	1.21	59.	0.004	71	0.	0.76	37.	0.003	91	0.	0.97	48.	0.003
3538	7.76	7.76	170	0.	1.81	88.	0.006	112	0.	1.20	58.	0.004	140	0.	1.50	73.	0.005
3539	7.76	7.76	241	0.	2.57	125.	0.009	216	0.	2.30	112.	0.008	206	0.	2.19	107.	0.007
3540	7.76	7.76	11	0.	0.11	6.	0.000	37	0.	0.39	19.	0.001	77	0.	0.82	40.	0.003
3541	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3542	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3543	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3544	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3545	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3546	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3547	7.76	7.76	32	0.	0.34	17.	0.001	25	0.	0.27	13.	0.001	76	0.	0.81	40.	0.003
3548	7.76	7.76	25	0.	0.27	13.	0.001	22	0.	0.23	11.	0.001	69	0.	0.74	36.	0.002
3549	7.76	7.76	384	0.	4.09	200.	0.014	297	0.	3.17	155.	0.011	256	0.	2.73	133.	0.009
3550	7.76	7.76	401	0.	4.28	209.	0.014	316	0.	3.38	165.	0.011	292	0.	3.12	152.	0.010
3551	7.76	7.76	421	0.	4.49	219.	0.015	326	0.	3.48	170.	0.012	289	0.	3.08	150.	0.010
3552	7.76	7.76	448	0.	4.78	233.	0.016	348	0.	3.72	181.	0.012	326	0.	3.48	170.	0.012
3553	7.76	7.76	381	0.	4.06	198.	0.014	295	0.	3.15	154.	0.011	259	0.	2.77	135.	0.009
3554	7.76	7.76	420	0.	4.48	219.	0.015	327	0.	3.49	170.	0.012	299	0.	3.19	156.	0.011
3555	7.76	7.76	418	0.	4.46	218.	0.015	324	0.	3.45	169.	0.012	287	0.	3.06	149.	0.010
3556	7.76	7.76	438	0.	4.67	228.	0.016	341	0.	3.64	178.	0.012	319	0.	3.40	166.	0.011
3557	7.76	7.76	384	0.	4.09	200.	0.014	297	0.	3.17	155.	0.011	255	0.	2.72	133.	0.009
3558	7.76	7.76	392	0.	4.18	204.	0.014	308	0.	3.29	161.	0.011	291	0.	3.11	152.	0.010
3559	7.76	7.76	26	0.	0.27	13.	0.001	26	0.	0.28	14.	0.001	78	0.	0.83	41.	0.003
3560	7.76	7.76	20	0.	0.22	11.	0.001	22	0.	0.23	11.	0.001	66	0.	0.71	35.	0.002
3561	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3562	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3563	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3564	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3565	7.76	7.76	122	0.	1.30	64.	0.004	89	0.	0.95	47.	0.003	70	0.	0.74	36.	0.002
3566	7.76	7.76	68	0.	0.73	36.	0.002	40	0.	0.42	21.	0.001	56	0.	0.60	29.	0.002
3567	7.76	7.76	478	0.	5.10	249.	0.017	381	0.	4.07	199.	0.014	344	0.	3.67	179.	0.012
3568	7.76	7.76	449	0.	4.80	234.	0.016	357	0.	3.81	186.	0.013	332	0.	3.54	173.	0.012
3569	7.76	7.76	503	0.	5.37	262.	0.018	400	0.	4.27	209.	0.014	405	0.	4.32	211.	0.014
3570	7.76	7.76	500	0.	5.34	261.	0.018	400	0.	4.27	209.	0.014	399	0.	4.25	208.	0.014
3571	7.76	7.76	79	0.	0.84	41.	0.003	68	0.	0.73	36.	0.002	145	0.	1.54	75.	0.005
3572	7.76	7.76	73	0.	0.77	38.	0.003	68	0.	0.73	36.	0.002	155	0.	1.66	81.	0.006
3573	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3574	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3575	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3576	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3577	7.76	7.76	61	0.	0.65	32.	0.002	45	0.	0.48	23.	0.002	116	0.	1.24	60.	0.004
3578	7.76	7.76	0.	0.	0.00	0.	0.000	45	0.	0.48	23.	0.002	125	0.	1.34	65.	0.004
3579	7.76	7.76	479	0.	5.11	249.	0.017	372	0.	3.98	194.	0.013	370	0.	3.95	193.	0.013
3580	7.76	7.76	475	0.	5.07	248.	0.017	383	0.	4.08	199.	0.014	374	0.	3.99	195.	0.013
3581	7.76	7.76	520	0.	5.56	271.	0.019	411	0.	4.39	214.	0.015	388	0.	4.14	202.	0.014
3582	7.76	7.76	519	0.	5.54	270.	0.019	410	0.	4.38	214.	0.015	387	0.	4.13	202.	0.014
3583	7.76	7.76	519	0.	5.54	270.	0.019	406	0.	4.34	212.	0.015	391	0.	4.18	204.	0.014
3584	7.76	7.76	518	0.	5.53	270.	0.019	408	0.	4.35	212.	0.015	391	0.	4.17	204.	0.014
3585	7.76	7.76	483	0.	5.16	252.	0.017	377	0.	4.02	196.	0.013	375	0.	4.01	196.	0.013
3586	7.76	7.76	481	0.	5.13	251.	0.017	388	0.	4.14	202.	0.014	380	0.	4.05	198.	0.014
3587	7.76	7.76	27	0.	0.29	14.	0.001	22	0.	0.24	11.	0.001	110	0.	1.17	57.	0.004
3588	7.76	7.76	0.	0.	0.00	0.	0.000	22	0.	0.24	12.	0.001	100	0.	1.07	52.	0.004
3589	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3590	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3591	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000

3592	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3593	7.76	7.76	49	0.	0.52	25.	0.002	37	0.	0.39	19.	0.001	106	0.	1.14	55.	0.004
3594	7.76	7.76	0.	0.	0.00	0.	0.000	37	0.	0.39	19.	0.001	116	0.	1.24	61.	0.004
3595	7.76	7.76	435	0.	4.64	227.	0.016	336	0.	3.59	175.	0.012	338	0.	3.61	176.	0.012
3596	7.76	7.76	432	0.	4.61	225.	0.015	336	0.	3.58	175.	0.012	333	0.	3.56	174.	0.012
3597	7.76	7.76	407	0.	4.34	212.	0.015	313	0.	3.34	163.	0.011	295	0.	3.15	154.	0.011
3598	7.76	7.76	403	0.	4.30	210.	0.014	312	0.	3.33	163.	0.011	300	0.	3.21	157.	0.011
3599	7.76	7.76	310	0.	3.31	162.	0.011	232	0.	2.48	121.	0.008	223	0.	2.38	116.	0.008
3600	7.76	7.76	277	0.	2.96	144.	0.010	210	0.	2.24	109.	0.008	228	0.	2.44	119.	0.008
3601	7.76	7.76	222	0.	2.37	116.	0.008	163	0.	1.74	85.	0.006	141	0.	1.51	74.	0.005
3602	7.76	7.76	174	0.	1.85	90.	0.006	132	0.	1.40	69.	0.005	148	0.	1.58	77.	0.005
3603	7.76	7.76	86	0.	0.92	45.	0.003	60	0.	0.64	31.	0.002	46	0.	0.49	24.	0.002
3604	7.76	7.76	22	0.	0.23	11.	0.001	18	0.	0.19	9.	0.001	54	0.	0.58	28.	0.002
3605	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3606	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3607	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3608	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3609	7.76	7.76	35	0.	0.37	18.	0.001	21	0.	0.23	11.	0.001	9	0.	0.10	5.	0.000
3610	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	17	0.	0.18	9.	0.001
3611	7.76	7.76	150	0.	1.60	78.	0.005	108	0.	1.15	56.	0.004	78	0.	0.83	41.	0.003
3612	7.76	7.76	99	0.	1.06	52.	0.004	74	0.	0.79	39.	0.003	84	0.	0.90	44.	0.003
3613	7.76	7.76	189	0.	2.02	98.	0.007	138	0.	1.47	72.	0.005	109	0.	1.17	57.	0.004
3614	7.76	7.76	153	0.	1.64	80.	0.005	114	0.	1.22	59.	0.004	113	0.	1.20	59.	0.004
3615	7.76	7.76	178	0.	1.90	93.	0.006	130	0.	1.39	68.	0.005	110	0.	1.18	57.	0.004
3616	7.76	7.76	156	0.	1.67	81.	0.006	114	0.	1.21	59.	0.004	110	0.	1.18	57.	0.004
3617	7.76	7.76	182	0.	1.94	95.	0.007	133	0.	1.42	69.	0.005	106	0.	1.13	55.	0.004
3618	7.76	7.76	154	0.	1.64	80.	0.006	111	0.	1.18	58.	0.004	109	0.	1.16	57.	0.004
3619	7.76	7.76	135	0.	1.44	70.	0.005	100	0.	1.06	52.	0.004	73	0.	0.78	38.	0.003
3620	7.76	7.76	96	0.	1.02	50.	0.003	70	0.	0.75	37.	0.003	80	0.	0.85	41.	0.003
3621	7.76	7.76	15	0.	0.16	8.	0.001	15	0.	0.16	8.	0.001	8	0.	0.08	4.	0.000
3622	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	15	0.	0.16	8.	0.001
3623	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3624	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3625	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3626	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3627	7.76	7.76	100	0.	1.07	52.	0.004	66	0.	0.70	34.	0.002	49	0.	0.52	26.	0.002
3628	7.76	7.76	50	0.	0.53	26.	0.002	30	0.	0.32	16.	0.001	56	0.	0.60	29.	0.002
3629	7.76	7.76	214	0.	2.28	112.	0.008	153	0.	1.63	80.	0.005	133	0.	1.42	69.	0.005
3630	7.76	7.76	173	0.	1.85	90.	0.006	125	0.	1.33	65.	0.004	140	0.	1.49	73.	0.005
3631	7.76	7.76	302	0.	3.22	157.	0.011	223	0.	2.39	116.	0.008	220	0.	2.35	115.	0.008
3632	7.76	7.76	255	0.	2.72	133.	0.009	196	0.	2.09	102.	0.007	214	0.	2.29	112.	0.008
3633	7.76	7.76	403	0.	4.30	210.	0.014	309	0.	3.30	161.	0.011	298	0.	3.18	155.	0.011
3634	7.76	7.76	396	0.	4.23	206.	0.014	308	0.	3.29	161.	0.011	291	0.	3.11	152.	0.010
3635	7.76	7.76	429	0.	4.58	224.	0.015	332	0.	3.55	173.	0.012	335	0.	3.58	175.	0.012
3636	7.76	7.76	426	0.	4.55	222.	0.015	332	0.	3.54	173.	0.012	330	0.	3.52	172.	0.012
3637	7.76	7.76	36	0.	0.39	19.	0.001	30	0.	0.32	15.	0.001	111	0.	1.19	58.	0.004
3638	7.76	7.76	0.	0.	0.00	0.	0.000	30	0.	0.32	15.	0.001	101	0.	1.08	53.	0.004
3639	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3640	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3641	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3642	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3643	7.76	7.76	39	0.	0.42	20.	0.001	29	0.	0.31	15.	0.001	113	0.	1.21	59.	0.004
3644	7.76	7.76	0.	0.	0.00	0.	0.000	29	0.	0.31	15.	0.001	104	0.	1.11	54.	0.004
3645	7.76	7.76	477	0.	5.09	248.	0.017	373	0.	3.98	194.	0.013	374	0.	3.99	195.	0.013
3646	7.76	7.76	475	0.	5.07	247.	0.017	379	0.	4.05	198.	0.014	370	0.	3.95	193.	0.013
3647	7.76	7.76	512	0.	5.46	267.	0.018	403	0.	4.30	210.	0.014	386	0.	4.12	201.	0.014
3648	7.76	7.76	511	0.	5.46	266.	0.018	405	0.	4.32	211.	0.014	386	0.	4.12	201.	0.014
3649	7.76	7.76	510	0.	5.44	266.	0.018	402	0.	4.29	210.	0.014	385	0.	4.11	201.	0.014
3650	7.76	7.76	510	0.	5.44	266.	0.018	403	0.	4.31	210.	0.014	385	0.	4.11	200.	0.014
3651	7.76	7.76	473	0.	5.05	246.	0.017	369	0.	3.94	192.	0.013	367	0.	3.92	191.	0.013
3652	7.76	7.76	471	0.	5.02	245.	0.017	379	0.	4.04	197.	0.014	371	0.	3.96	193.	0.013
3653	7.76	7.76	34	0.	0.36	18.	0.001	27	0.	0.29	14.	0.001	111	0.	1.19	58.	0.004
3654	7.76	7.76	0.	0.	0.00	0.	0.000	27	0.	0.29	14.	0.001	102	0.	1.09	53.	0.004
3655	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3656	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3657	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3658	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3659	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3660	7.76	7.76	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000	0.	0.	0.00	0.	0.000
3661	7.76	7.76	224	0.	2.39	117.	0.008	180	0.	1.92	94.	0.006	182	0.	1.95	95.	0.007
3662	7.76	7.76	221	0.	2.35	115.	0.008	186	0.	1.98	97.	0.007	178	0.	1.90	93.	0.006
3663	7.76	7.76	164	0.	1.75	85.	0.006	133	0.	1.42	70.	0.005	118	0.	1.25	61.	0.004
3664	7.76	7.76	163	0.	1.74	85.	0.006	136	0.	1.45	71.	0.005	116	0.	1.24	60.	0.004

Le verifiche risultano soddisfatte in quanto rispettano i limiti della normativa vigente.

11.3 Verifica dei setti interni

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MACROGUSCIO m1

VERIFICA ARMATURE EFFETTIVE (EFFETTO MEMBRANA + PIASTRA)

unità di misura:
   lunghezze     : [cm]      -   forze       : [daN]
   momenti       : [daNcm/cm]-   tensioni    : [daN/cm2]
   pesi specifici: [daN/cm3] -   angoli      : [gradi]
   armature      : [cm2]

CASI DI CARICO:
    Nome  Descrizione
    1     SLU Max Var
    2     SLU Max Neve
    3     SLU VENTOX 1
    4     SLU VENTOY 1
    5     SLU VENTOX 2
    6     SLU VENTOY 2
    7     SLU VENTOX 3
    8     SLU VENTOY 3
    11    SLU con SISMAX PRINC
    12    SLU con SISMAY PRINC
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DATI:
   tensione di snervamento acciaio (fyk): 4500    daN/cm2
   coefficiente sicurezza acciaio       : 1.15
   deformazione ultima acciaio          : 67.5    per mille
   deformazione ultima cls              :  3.5    per mille
   rapporto rottura/snervamento      (k): 1.15
   resistenza cilindrica cls       (fck): 332     daN/cm2
   coefficiente sicurezza cls           : 1.5
   coefficiente riduttivo         (alfa): 0.85
   copriferro inferiore  (asse armatura):  3      cm
   copriferro superiore  (asse armatura):  3      cm
   moltiplicatore sollecitazioni        :  1
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		INFERIORE ORIZZONTALE					INFERIORE VERTICALE				
GUSCI	spess	Af	Afc	Mom	Nor	epsC	epsF	Af	Afc	Mom	Nor	epsC	epsF
3711	30	7.70	7.70	283.	19.	0.00	0.13	7.70	7.70	0.	-59.	0.02	-0.02
3712	30	7.70	7.70	173.	19.	0.00	0.10	7.70	7.70	1060.	-79.	0.11	0.22
3713	30	7.70	7.70	783.	16.	0.02	0.25	7.70	7.70	3207.	-97.	0.30	0.68
3714	30	7.70	7.70	339.	21.	0.00	0.15	7.70	7.70	0.	-57.	0.02	-0.02
3715	30	7.70	7.70	381.	18.	0.00	0.15	7.70	7.70	1202.	-65.	0.12	0.26
3716	30	7.70	7.70	981.	14.	0.05	0.29	7.70	7.70	2747.	-99.	0.27	0.60
3717	30	7.70	7.70	113.	0.	0.01	0.03	7.70	7.70	372.	0.	0.03	0.09
3718	30	7.70	7.70	125.	3.	0.01	0.04	7.70	7.70	1392.	-27.	0.13	0.33
3719	30	7.70	7.70	86.	-1.	0.01	0.02	7.70	7.70	2104.	-29.	0.19	0.50
3720	30	7.70	7.70	2239.	-1.	0.20	0.56	7.70	7.70	7855.	-75.	0.70	1.77
3721	30	7.70	7.70	3002.	0.	0.26	0.76	7.70	7.70	7481.	-64.	0.67	1.71
3722	30	7.70	7.70	825.	1.	0.07	0.21	7.70	7.70	2638.	-1.	0.23	0.66

		SUPERIORE ORIZZONTALE					SUPERIORE VERTICALE				
GUSCI	spess	Af	Afc	Mom	Nor	epsC	epsF	Af	Afc	Mom	Nor	epsC	epsF
3711	30	7.70	7.70	445.	19.	0.05	0.38	7.70	7.70	2199.	-17.	0.29	0.75
3712	30	7.70	7.70	73.	13.	0.00	0.14	7.70	7.70	0.	-49.	0.02	-0.02
3713	30	7.70	7.70	0.	14.	0.00	0.06	7.70	7.70	0.	-91.	0.03	-0.03
3714	30	7.70	7.70	957.	32.	0.02	0.34	7.70	7.70	2315.	-57.	0.24	0.64
3715	30	7.70	7.70	285.	24.	0.00	0.17	7.70	7.70	0.	-51.	0.02	-0.02
3716	30	7.70	7.70	0.	22.	0.00	0.07	7.70	7.70	0.	-99.	0.03	-0.03
3717	30	7.70	7.70	0.	0.	0.00	0.00	7.70	7.70	417.	7.	0.04	0.13
3718	30	7.70	7.70	30.	4.	0.00	0.02	7.70	7.70	0.	-26.	0.01	-0.01
3719	30	7.70	7.70	112.	4.	0.01	0.04	7.70	7.70	0.	-29.	0.01	-0.01
3720	30	7.70	7.70	529.	-1.	0.05	0.13	7.70	7.70	0.	-52.	0.04	-0.04
3721	30	7.70	7.70	0.	15.	0.09	0.27	7.70	7.70	0.	-130.	0.04	-0.04
3722	30	7.70	7.70	153.	1.	0.01	0.04	7.70	7.70	0.	-1.	0.00	0.02

********** TAGLIO PERPENDICOLARE

GUSCI	τx	τy	τt	GUSCI	τx	τy	τt	GUSCI	τx	τy	τt
3711	0.5	1.5	0.9	3712	0.1	0.6	0.5	3713	0.2	0.8	0.7
3714	0.5	1.5	1.0	3715	0.1	0.5	0.5	3716	0.2	0.6	0.5
3717	0.1	0.3	0.3	3718	0.1	0.5	0.4	3719	0.3	0.3	0.3
3720	1.1	4.0	2.5	3721	0.3	3.8	2.3	3722	0.7	1.0	1.0

MACROGUSCIO m1

VERIFICHE A FESSURAZIONE (EFFETTO MEMBRANA + PIASTRA)

```
unità di misura:
   lunghezze     : [cm]     -   forze       : [daN]
   momenti       : [daNcm/cm]             -   tensioni    : [daN/cm2]
   pesi specifici: [daN/cm3]              -   angoli      : [gradi]
   armature      : [cm2]

CASI DI CARICO:
    Nome  Descrizione
    25    Rara (RARA)
    26    Rara VentoX 1 (RARA)
    27    Rara VentoY 1 (RARA)
    28    Rara VentoX 2 (RARA)
    29    Rara VentoY 2 (RARA)
    30    Rara VentoX 3 (RARA)
    31    Rara VentoY 3 (RARA)
    32    Frequente 1 (FREQUENTE)
    33    Frequente 2 (FREQUENTE)
    34    Frequente VentoX 3 (FREQUENTE)
    35    Frequente VentoY 3 (FREQUENTE)
    36    Quasi Perm (QUASI PERMANENTE)

DATI:
    copriferro inferiore (asse armatura):  3     cm
    copriferro superiore (asse armatura):  3     cm

    Af  = area effettiva disposta nello strato indicato (cm2 al metro)
    wkR = apertura caratteristica per combinazione rara (mm)            - apertura max = 0.3 mm
    wkF =     ''          ''      ''      ''       frequente (mm)       -     ''    '' = 0.3 mm
    wkP =     ''          ''      ''      ''       quasi permanente (mm) -     ''    '' = 0.2 mm
```

ARMATURA INFERIORE ORIZZONTALE

		COMBINAZIONE RARA					COMBINAZIONE FREQUENTE					COMBINAZIONE QUASI PERMANENTE				
GUSCI	Af	Afc	Mom	Nor	σc	σf	WkR	Mom	Nor	σc	σf	WkF	Mom	Nor	σc	σf	WkP

3711	7.70	7.70	0.	18	0.00	118.	0.016	0.	14	0.00	90.	0.012	0.	12	0.00	77.	0.010
3712	7.70	7.70	51	11	0.00	102.	0.012	30	9	0.00	72.	0.009	3	9	0.00	60.	0.008
3713	7.70	7.70	643	8	6.66	389.	0.030	501	6	5.19	303.	0.023	246	9	2.26	189.	0.016
3714	7.70	7.70	0.	18	0.00	120.	0.016	0.	14	0.00	92.	0.012	0.	12	0.00	77.	0.010
3715	7.70	7.70	133	13	0.19	158.	0.016	103	10	0.21	121.	0.012	114	10	0.44	127.	0.013
3716	7.70	7.70	791	8	8.24	469.	0.035	599	7	6.23	356.	0.027	210	9	1.86	169.	0.015
3717	7.70	7.70	60	1	0.61	37.	0.003	53	0.	0.56	30.	0.002	81	0.	0.87	42.	0.003
3718	7.70	7.70	32	4	0.00	40.	0.004	21	3	0.00	28.	0.003	111	1	1.16	65.	0.005
3719	7.70	7.70	0.	1	0.00	9.	0.001	0.	1	0.00	6.	0.001	0.	0.	0.00	2.	0.000
3720	7.70	7.70	1055	3	11.24	572.	0.041	1386	-4	14.93	704.	0.049	893	2	9.52	483.	0.034
3721	7.70	7.70	2364	0.	25.34	1241.	0.086	1842	0.	19.74	967.	0.067	1199	2	12.79	644.	0.045
3722	7.70	7.70	349	0.	3.74	184.	0.013	257	0.	2.75	135.	0.009	261	-1	2.82	131.	0.009

ARMATURA INFERIORE VERTICALE

			COMBINAZIONE RARA					COMBINAZIONE FREQUENTE					COMBINAZIONE QUASI PERMANENTE				
GUSCI	Af	Afc	Mom	Nor	c	f	WkR	Mom	Nor	c	f	WkF	Mom	Nor	c	f	WkP
3711	7.70	7.70	0.	-68	2.10	-31.	0.000	0.	-60	1.84	-28.	0.000	0.	-48	1.50	-22.	0.000
3712	7.70	7.70	822	-71	8.34	79.	0.005	612	-54	6.20	57.	0.004	486	-52	4.87	25.	0.002
3713	7.70	7.70	2123	-70	23.34	697.	0.048	1618	-53	17.79	533.	0.037	1442	-50	15.84	460.	0.032
3714	7.70	7.70	0.	-49	1.53	-23.	0.000	0.	-43	1.34	-20.	0.000	0.	-40	1.24	-19.	0.000
3715	7.70	7.70	919	-61	9.67	152.	0.011	699	-46	7.34	114.	0.008	546	-39	5.68	78.	0.005
3716	7.70	7.70	1945	-58	21.40	670.	0.046	1502	-45	16.53	518.	0.036	1317	-40	14.50	451.	0.031
3717	7.70	7.70	0.	-6	0.17	-3.	0.000	0.	-4	0.11	-2.	0.000	16	2	0.00	23.	0.003
3718	7.70	7.70	884	-31	9.71	281.	0.019	672	-24	7.38	212.	0.015	544	-12	5.99	215.	0.015
3719	7.70	7.70	1430	-21	15.66	623.	0.043	1104	-16	12.09	481.	0.033	974	-9	10.61	454.	0.031
3720	7.70	7.70	5974	-82	65.37	2632.	0.182	4616	-90	50.74	1873.	0.130	3071	-51	33.68	1300.	0.090
3721	7.70	7.70	5001	-58	54.61	2266.	0.157	4350	-55	47.55	1944.	0.134	2915	-43	31.93	1266.	0.088
3722	7.70	7.70	2684	-7	28.91	1367.	0.095	2035	-5	21.92	1036.	0.072	1058	0.	11.33	559.	0.039

ARMATURA SUPERIORE ORIZZONTALE

			COMBINAZIONE RARA					COMBINAZIONE FREQUENTE					COMBINAZIONE QUASI PERMANENTE				
GUSCI	Af	Afc	Mom	Nor	c	f	WkR	Mom	Nor	c	f	WkF	Mom	Nor	c	f	WkP
3711	7.70	7.70	605	18	5.80	435.	0.037	491	14	4.75	347.	0.029	416	12	4.03	295.	0.025
3712	7.70	7.70	7	11	0.00	79.	0.010	14	9	0.00	64.	0.008	49	9	0.00	85.	0.010
3713	7.70	7.70	0.	8	0.00	52.	0.007	0.	6	0.00	41.	0.006	0.	9	0.00	60.	0.008
3714	7.70	7.70	398	18	3.41	329.	0.030	322	14	2.82	261.	0.023	211	12	1.65	188.	0.017
3715	7.70	7.70	17	13	0.00	95.	0.012	27	10	0.00	80.	0.010	93	10	0.00	116.	0.012
3716	7.70	7.70	0.	8	0.00	55.	0.007	0.	7	0.00	43.	0.006	0.	9	0.00	58.	0.008
3717	7.70	7.70	5	1	0.00	9.	0.001	0.	0.	0.00	2.	0.000	0.	0.	0.00	0.	0.000
3718	7.70	7.70	42	4	0.20	46.	0.005	29	3	0.12	32.	0.003	0.	1	0.00	7.	0.001
3719	7.70	7.70	111	1	1.15	67.	0.005	89	1	0.93	53.	0.004	51	0.	0.53	29.	0.002
3720	7.70	7.70	0.	3	0.00	18.	0.002	694	-4	7.52	340.	0.024	47	2	0.41	39.	0.004
3721	7.70	7.70	1300	0.	13.93	682.	0.047	1014	0.	10.87	532.	0.037	232	2	2.42	136.	0.010
3722	7.70	7.70	112	0.	1.20	59.	0.004	89	0.	0.95	46.	0.003	2	-1	0.02	-1.	0.000

ARMATURA SUPERIORE VERTICALE

			COMBINAZIONE RARA					COMBINAZIONE FREQUENTE					COMBINAZIONE QUASI PERMANENTE				
GUSCI	Af	Afc	Mom	Nor	c	f	WkR	Mom	Nor	c	f	WkF	Mom	Nor	c	f	WkP
3711	7.70	7.70	2372	-68	26.11	836.	0.058	1395	-60	15.23	384.	0.027	730	-48	7.66	119.	0.008
3712	7.70	7.70	0.	-71	2.19	-33.	0.000	0.	-54	1.66	-25.	0.000	0.	-52	1.60	-24.	0.000
3713	7.70	7.70	0.	-70	2.16	-32.	0.000	0.	-53	1.64	-25.	0.000	0.	-50	1.54	-23.	0.000
3714	7.70	7.70	1800	-49	19.82	646.	0.045	982	-43	10.70	262.	0.018	591	-40	6.19	93.	0.006
3715	7.70	7.70	0.	-61	1.87	-28.	0.000	0.	-46	1.44	-22.	0.000	0.	-39	1.21	-18.	0.000
3716	7.70	7.70	0.	-58	1.81	-27.	0.000	0.	-45	1.39	-21.	0.000	0.	-40	1.24	-19.	0.000
3717	7.70	7.70	754	-6	8.18	361.	0.025	330	-4	3.60	150.	0.010	0.	2	0.00	15.	0.002
3718	7.70	7.70	0.	-31	0.95	-14.	0.000	0.	-24	0.73	-11.	0.000	0.	-12	0.36	-5.	0.000
3719	7.70	7.70	0.	-21	0.64	-10.	0.000	0.	-16	0.50	-7.	0.000	0.	-9	0.29	-4.	0.000
3720	7.70	7.70	0.	-82	2.52	-38.	0.000	0.	-90	2.78	-42.	0.000	0.	-51	1.57	-24.	0.000
3721	7.70	7.70	0.	-58	1.79	-27.	0.000	0.	-55	1.70	-25.	0.000	0.	-43	1.33	-20.	0.000
3722	7.70	7.70	0.	-7	0.21	-3.	0.000	0.	-5	0.16	-2.	0.000	0.	0.	0.00	3.	0.000

11.4 Verifica pali di fondazione

I pali di fondazione presentano diametro pari a 110 cm e lunghezza di 15 m. La seguente tabella riassume schematicamente tutte le verifiche eseguite nei vari casi di calcolo definiti. Per ciascuna verifica è indicato il confronto tra resistenza di calcolo Rd ed azione di calcolo Sd, ed il relativo coefficiente di sicurezza fs.

Tutti i Punti maglia (60), Tutti i casi (24), Tutti i sestetti (98)										
Caso	C.Port. [daN][f.s.]	Cedim. [mm]	R.Tras. [daN][f.s.]	Sp.Ori. [mm]	C.A.:M [daN*cm][f.s.]	C.A.:V [daN][f.s.]	C.A.:t.cls. [daN/cm2][f.s.]	C.A.:t.acc. [daN/cm2][f.s.]	C.A.:fes. [mm][f.s.]	C.A.:% a.lon. [][f.s.]
1: SLU Max Var	PM11-S1 279853/89301 = 3.13	- - -	PM29-S1 2848326/4991 = 570.73	- - -	PM29-S1 5913583/1089705 = 5.43	PM29-S1 48819/4991 = 9.78	- - -	- - -	- - -	- - -
2: SLU Max Neve	PM11-S1 279853/86624 = 3.23	- - -	PM29-S1 2848326/4812 = 591.94	- - -	PM29-S1 5913583/1050673 = 5.63	PM29-S1 48819/4812 = 10.15	- - -	- - -	- - -	- - -
3: SLU VENTOX 1	PM11-S1 279853/89302 = 3.13	- - -	PM29-S2 2848326/6617 = 430.44	- - -	PM29-S2 5913583/1444873 = 4.09	PM29-S2 48819/6617 = 7.38	- - -	- - -	- - -	- - -
4: SLU VENTOY 1	PM11-S1 279853/89308 = 3.13	- - -	PM29-S1 2848326/4994 = 570.31	- - -	PM29-S1 5913583/1090508 = 5.42	PM29-S1 48819/4994 = 9.77	- - -	- - -	- - -	- - -

5: SLU VENTOX 2	PM11-S1 279853/86625 = 3.23	- - -	PM29-S2 2848326/6438 = 442.39	- - -	PM29-S2 5913583/1405841 = 4.21	PM29-S2 48819/6438 = 7.58	- - -	- - -	- - -	- - -
6: SLU VENTOY 2	PM11-S1 279853/86631 = 3.23	- - -	PM29-S1 2848326/4816 = 591.48	- - -	PM29-S1 5913583/1051476 = 5.62	PM29-S1 48819/4816 = 10.14	- - -	- - -	- - -	- - -
7: SLU VENTOX 3	PM11-S1 279853/83755 = 3.34	- - -	PM29-S2 2848326/7075 = 402.60	- - -	PM29-S2 5913583/1544787 = 3.83	PM29-S2 48819/7075 = 6.90	- - -	- - -	- - -	- - -
8: SLU VENTOY 3	PM11-S1 279853/83766 = 3.34	- - -	PM29-S1 2848326/4370 = 651.81	- - -	PM29-S1 5913583/954166 = 6.20	PM29-S1 48819/4370 = 11.17	- - -	- - -	- - -	- - -
9: SLU con SISMAX PRINC	PM11-S1 279853/57590 = 4.86	- - -	PM29-S1 2848326/4354 = 654.18	- - -	PM29-S1 3982745/950705 = 4.19	PM29-S1 48819/4354 = 11.21	- - -	- - -	- - -	PM1-S1 0.4/0.3 = 1.37
10: SLU con SISMAY PRINC	PM11-S5 279853/57590 = 4.86	- - -	PM29-S1 2848326/6340 = 449.28	- - -	PM29-S1 3982745/1384291 = 2.88	PM29-S1 48819/6340 = 7.70	- - -	- - -	- - -	PM1-S1 0.4/0.3 = 1.37
11: SLU FON con SISMAX P	PM11-S1 279853/57590 = 4.86	- - -	PM29-S1 2848326/4422 = 644.17	- - -	PM29-S1 3982745/965483 = 4.13	PM29-S1 48819/4422 = 11.04	- - -	- - -	- - -	PM1-S1 0.4/0.3 = 1.37
12: SLU FON con SISMAY P	PM11-S1 279853/57590 = 4.86	- - -	PM29-S1 2848326/6691 = 425.69	- - -	PM29-S1 3982745/1461011 = 2.73	PM29-S1 48819/6691 = 7.30	- - -	- - -	- - -	PM1-S1 0.4/0.3 = 1.37
13: Rara	- - -	PM11-S1 -11 (max -30)	- - -	PM29-S1 9 (max 30)	- - -	- - -	PM29-S1 210/15.8 = 13.28	PM29-S1 3600/564.7 = 6.38	- - -	- - -
14: Rara VentoX 1	- - -	PM11-S2 -11 (max -30)	- - -	PM29-S2 12 (max 30)	- - -	- - -	PM29-S2 210/21.2 = 9.89	PM29-S2 3600/813.2 = 4.43	- - -	- - -
15: Rara VentoY 1	- - -	PM11-S2 -11 (max -30)	- - -	PM29-S1 9 (max 30)	- - -	- - -	PM29-S1 210/15.8 = 13.27	PM29-S1 3600/565.3 = 6.37	- - -	- - -
16: Rara VentoX 2	- - -	PM11-S2 -11 (max -30)	- - -	PM29-S2 11 (max 30)	- - -	- - -	PM29-S2 210/20.6 = 10.17	PM29-S2 3600/785.8 = 4.58	- - -	- - -
17: Rara VentoY 2	- - -	PM11-S2 -11 (max -30)	- - -	PM29-S1 8 (max 30)	- - -	- - -	PM29-S1 210/15.2 = 13.79	PM29-S1 3600/538.1 = 6.69	- - -	- - -
18: Rara VentoX 3	- - -	PM11-S2 -11 (max -30)	- - -	PM29-S2 12 (max 30)	- - -	- - -	PM29-S2 210/22.8 = 9.23	PM29-S2 3600/883.2 = 4.08	- - -	- - -
19: Rara VentoY 3	- - -	PM11-S2 -11 (max -30)	- - -	PM29-S1 8 (max 30)	- - -	- - -	PM29-S1 210/13.7 = 15.29	PM29-S1 3600/470.4 = 7.65	- - -	- - -
20: Frequente 1	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	PM1-S1 0.3/0 = +Infinito	- - -

21: Frequente 2	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	PM1-S1 0.3/0 = +Infinito	- - -
22: Frequente VentoX 3	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	PM1-S1 0.3/0 = +Infinito	- - -
23: Frequente VentoY 3	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	PM1-S1 0.3/0 = +Infinito	- - -
24: Quasi Perm	- - -	PM11-S1 -11 (max -40)	- - -	PM29-S1 7 (max 40)	- - -					

11.4.1 Stratigrafia.

La stratigrafia utilizzata per il calcolo è quella descritta nella relazione geotecnica di calcolo.

11.4.1.1 Calcolo della portata di base.

Metodo ***AGI*** per il calcolo della portata di base.

Lo strato in cui si immorsa la base del palo si estende da quota -1200 [cm] a quota -1700 [cm]. Segue il calcolo alla quota di base del palo, -1500 [cm].
La base del palo si trova alla quota z_b = -1500 [cm], e la profondità critica è z_c = -1200 [cm]. In questo caso la tensione verticale efficace viene calcolata alla quota critica. Il valori dell'angolo di resistenza al taglio φ'_k e della coesione efficace c'_k vengono ricavati dallo strato in cui si immorsa la base del palo. L'angolo di resistenza al taglio viene corretto secondo l'espressione $\varphi=\varphi$-3. Il coefficiente N_q è calcolato secondo Vesic (1972, 1975, 1977). Il coefficiente N_c è calcolato secondo Reissner (1924). φ'_k = 31 [°]. c'_k = 0 [daN/cm^2]. N_c = 40.523. N_q = 22.547. σ'_v = 2.32 [daN/cm^2]. Il valore della capacità portante calcolato è pari a 52.26 [daN/cm^2].
L'area di base vale 7853.98 [cm^2].
La portata di base calcolata vale 410472.43 [daN]. Si applica ξ_{med}=1.70. Si applica γ_b=1.35. Portata di calcolo: $Q_{b,d}$ = **178855.09 [daN]** (s/D=**30.00%**).

11.4.1.2 Calcolo della portata laterale.

Il fusto del palo attraversa 4 strati.

11.4.1.2.1 Strato 1: Sabbie Ghiaiose

Metodo ***AGI*** per il calcolo della portata laterale.
Il palo attraversa questo strato da quota 0 [cm] a quota -300 [cm]. Segue il calcolo alla quota intermedia di -155 [cm].
La quota critica z_c vale -1000 [cm]. La quota di interesse (-155 [cm]) è al di sopra della profondità critica. L'angolo di resistenza al taglio φ'_k vale 30. Il coefficiente di attrito μ vale 0.577. Il coefficiente di spinta k vale 0.550. La tensione verticale efficace vale σ'_v = 0.17 [daN/cm^2]. L'attrito laterale calcolato vale 0.06 [daN/cm^2].
La portata laterale calcolata vale 7540.08 [daN] (5278.05 [daN]). Si applica ξ_{med}=1.70. Si applicano γ_s=1.15 e γ_{st}=1.25. Portate di calcolo: $Q_{sc,d}$ = **3856.82 [daN]** (s/D=**0.50%**). Qst,d = **2483.79 [daN]** (s/D=**0.50%**).

11.4.1.2.2 Strato 2: Ghiaie Sabbiose

Metodo ***AGI*** per il calcolo della portata laterale.
Il palo attraversa questo strato da quota -300 [cm] a quota -500 [cm]. Segue il calcolo alla quota intermedia di -400 [cm].
La quota critica z_c vale -1000 [cm]. La quota di interesse (-400 [cm]) è al di sopra della profondità critica. L'angolo di resistenza al taglio φ'_k vale 33. Il coefficiente di attrito μ vale 0.649. Il coefficiente di spinta k vale 0.550. La tensione verticale efficace vale σ'_v = 0.8 [daN/cm^2]. L'attrito laterale calcolato vale 0.29 [daN/cm^2].
La portata laterale calcolata vale 17908.65 [daN] (12536.05 [daN]). Si applica ξ_{med}=1.70. Si applicano γ_s=1.15 e γ_{st}=1.25. Portate di calcolo: $Q_{sc,d}$ = **9160.43 [daN]** (s/D=**0.50%**). Qst,d = **5899.32 [daN]** (s/D=**0.50%**).

11.4.1.2.3 Strato 3: Sabbia medio fini/fini

Metodo ***AGI*** per il calcolo della portata laterale.

Il palo attraversa questo strato da quota -500 [cm] a quota -1200 [cm]. Segue il calcolo alla quota intermedia di -850 [cm].
La quota critica z_c vale -1000 [cm]. La quota di interesse (-850 [cm]) è al di sopra della profondità critica. L'angolo di resistenza al taglio φ'_k vale 30. Il coefficiente di attrito μ vale 0.577. Il coefficiente di spinta k vale 0.550. La tensione verticale efficace vale σ'_v = 1.65 [daN/cm^2]. L'attrito laterale calcolato vale 0.52 [daN/cm^2].
La portata laterale calcolata vale 111640.26 [daN] (78148.18 [daN]). Si applica ξ_{med}=1.70. Si applicano γ_s=1.15 e γ_{st}=1.25. Portate di calcolo: $Q_{sc,d}$ = **57104.99 [daN]** (s/D=**0.50%**). Qst,d = **36775.61 [daN]** (s/D=**0.50%**).
Strato 4: Sabbia
Metodo ***AGI*** per il calcolo della portata laterale.
Il palo attraversa questo strato da quota -1200 [cm] a quota -1500 [cm]. Segue il calcolo alla quota intermedia di -1350 [cm].
La quota critica z_c vale -1000 [cm]. La quota di interesse (-1350 [cm]) è al di sotto della profondità critica, perciò nei calcoli si usa z_c. L'angolo di resistenza al taglio φ'_k vale 31. Il coefficiente di attrito μ vale 0.601. Il coefficiente di spinta k vale 0.550. La tensione verticale efficace vale σ'_v = 1.94 [daN/cm^2]. L'attrito laterale calcolato vale 0.64 [daN/cm^2].
La portata laterale calcolata vale 60361.68 [daN] (42253.18 [daN]). Si applica ξ_{med}=1.70. Si applicano γ_s=1.15 e γ_{st}=1.25. Portate di calcolo: $Q_{sc,d}$ = **30875.54 [daN]** (s/D=**0.50%**). Qst,d = **19883.85 [daN]** (s/D=**0.50%**).

11.4.1.2.4 Portata laterale totale

La portata di calcolo $Q_{sc,d}$ è **100997.78 [daN]**, $Q_{st,d}$ è **65042.57 [daN]**.

11.4.1.3 Portata totale (base + laterale)

La portata di calcolo $Q_{tc,d}$ è **279852.87 [daN]**, $Q_{tt,d}$ è **65042.57 [daN]**.

11.4.1.4 Calcolo del modulo di reazione orizzontale.

Il fusto del palo attraversa 4 strati.

11.4.1.4.1 Strato 1: Sabbie Ghiaiose

Metodo ***Lineare*** per il calcolo del modulo di reazione orizzontale.
Il palo attraversa questo strato da quota 0 [cm] a quota -300 [cm]. Segue il calcolo alla quota intermedia di -155 [cm].
L'approfondimento vale 155 [cm]. Il modulo di reazione orizzontale calcolato vale 11.5 [daN/cm^2].
Modulo di reazione orizzontale medio: $ks_{o,med}$ = **11.4 [daN/cm^3]**.

11.4.1.4.2 Strato 2: Ghiaie Sabbiose

Metodo ***Lineare*** per il calcolo del modulo di reazione orizzontale.
Il palo attraversa questo strato da quota -300 [cm] a quota -500 [cm]. Segue il calcolo alla quota intermedia di -400 [cm].
L'approfondimento vale 400 [cm]. Il modulo di reazione orizzontale calcolato vale 11.5 [daN/cm^2].
Modulo di reazione orizzontale medio: $ks_{o,med}$ = **11.5 [daN/cm^3]**.

11.4.1.4.3 Strato 3: Sabbia medio fini/fini

Metodo ***Lineare*** per il calcolo del modulo di reazione orizzontale.
Il palo attraversa questo strato da quota -500 [cm] a quota -1200 [cm]. Segue il calcolo alla quota intermedia di -850 [cm].
L'approfondimento vale 850 [cm]. Il modulo di reazione orizzontale calcolato vale 11.5 [daN/cm^2].
Modulo di reazione orizzontale medio: $ks_{o,med}$ = **11.5 [daN/cm^3]**.

11.4.1.4.4 Strato 4: Sabbia

Metodo ***Lineare*** per il calcolo del modulo di reazione orizzontale.
Il palo attraversa questo strato da quota -1200 [cm] a quota -1500 [cm]. Segue il calcolo alla quota intermedia di -1350 [cm].
L'approfondimento vale 1350 [cm]. Il modulo di reazione orizzontale calcolato vale 11.5 [daN/cm^2].
Modulo di reazione orizzontale medio: $ks_{o,med}$ = **11.5 [daN/cm^3]**.

11.4.1.5 Calcolo della resistenza trasversale laterale.

Il fusto del palo attraversa 4 strati.

11.4.1.5.1 Strato 1: Sabbie Ghiaiose

Metodo ***Broms*** per il calcolo della resistenza trasversale laterale.
Il palo attraversa questo strato da quota 0 [cm] a quota -300 [cm]. Segue il calcolo alla quota intermedia di -155 [cm].
L'angolo di resistenza al taglio φ'_k vale 30. La tensione verticale efficace vale σ'_v = 0.17 [daN/cm^2]. La pressione limite laterale calcolata vale 1.56 [daN/cm^2].
La resistenza trasversale laterale calcolata vale 213705.76 [daN]. Si applica ξ_{med}=1.70. Si applica γ_{tr}=1.30.
Resistenza trasversale di calcolo: $R_{tr,d}$ = **96699.44 [daN]**.

11.4.1.5.2 Strato 2: Ghiaie Sabbiose

Metodo ***Broms*** per il calcolo della resistenza trasversale laterale.
Il palo attraversa questo strato da quota -300 [cm] a quota -500 [cm]. Segue il calcolo alla quota intermedia di -400 [cm].
L'angolo di resistenza al taglio φ'_k vale 33. La tensione verticale efficace vale σ'_v = 0.8 [daN/cm^2]. La pressione limite laterale calcolata vale 8.12 [daN/cm^2].
La resistenza trasversale laterale calcolata vale 510240.85 [daN]. Si applica ξ_{med}=1.70. Si applica γ_{tr}=1.30.
Resistenza trasversale di calcolo: $R_{tr,d}$ = **230878.21 [daN]**.

11.4.1.5.3 Strato 3: Sabbia medio fini/fini

Metodo ***Broms*** per il calcolo della resistenza trasversale laterale.
Il palo attraversa questo strato da quota -500 [cm] a quota -1200 [cm]. Segue il calcolo alla quota intermedia di -850 [cm].
L'angolo di resistenza al taglio φ'_k vale 30. La tensione verticale efficace vale σ'_v = 1.65 [daN/cm^2]. La pressione limite laterale calcolata vale 14.88 [daN/cm^2].
La resistenza trasversale laterale calcolata vale 3271623.17 [daN]. Si applica ξ_{med}=1.70. Si applica γ_{tr}=1.30.
Resistenza trasversale di calcolo: $R_{tr,d}$ = **1480372.48 [daN]**.

11.4.1.5.4 Strato 4: Sabbia

Metodo ***Broms*** per il calcolo della resistenza trasversale laterale.
Il palo attraversa questo strato da quota -1200 [cm] a quota -1500 [cm]. Segue il calcolo alla quota intermedia di -1350 [cm].
L'angolo di resistenza al taglio φ'_k vale 31. La tensione verticale efficace vale σ'_v = 2.6 [daN/cm^2]. La pressione limite laterale calcolata vale 24.4 [daN/cm^2].
La resistenza trasversale laterale calcolata vale 2299230.2 [daN]. Si applica ξ_{med}=1.70. Si applica γ_{tr}=1.30.
Resistenza trasversale di calcolo: $R_{tr,d}$ = **1040375.65 [daN]**.

11.4.1.5.5 Resistenza laterale totale

Per palo in grado di traslare rigidamente (meccanismo di palo "corto", assumendo che non via sia rottura strutturale), la resistenza laterale di calcolo $R_{tr,d}$ è **2848325.78 [daN]**. Per palo che ruota in testa (meccanismo di palo "intermedio" o "lungo", assumendo che non via sia rottura strutturale), la resistenza laterale di calcolo $R_{tr,d}$ è **735085.69 [daN]**.

11.4.1.6 Curva di mobilitazione verticale

La curva di mobilitazione del palo è definita dalle seguenti coppie di valori, dove s è il cedimento, misurato in [cm], ed E_d è la sollecitazione di sforzo normale (comprensiva del peso proprio del palo), espressa in [daN].

	1	2	3	4
s	-22.22	-0.43	0	0.4
E_d	-279852.87	-104497.12	0	65042.57

Si riassume in seguito il valore di capacità portante per tutti i casi.

Caso	Qst[daN]	Qsc[daN]	Qbc[daN]	Qtt[daN]	Qtc[daN]
C1	65042.57	100997.78	178855.09	**65042.57**	**279852.87**
C2	65042.57	100997.78	178855.09	**65042.57**	**279852.87**
C3	65042.57	100997.78	178855.09	**65042.57**	**279852.87**
C4	65042.57	100997.78	178855.09	**65042.57**	**279852.87**
C5	65042.57	100997.78	178855.09	**65042.57**	**279852.87**
C6	65042.57	100997.78	178855.09	**65042.57**	**279852.87**
C7	65042.57	100997.78	178855.09	**65042.57**	**279852.87**
C8	65042.57	100997.78	178855.09	**65042.57**	**279852.87**
C9	65042.57	100997.78	178855.09	**65042.57**	**279852.87**

C10	65042.57	100997.78	178855.09	**65042.57**	**279852.87**
C11	65042.57	100997.78	178855.09	**65042.57**	**279852.87**
C12	65042.57	100997.78	178855.09	**65042.57**	**279852.87**
C13	138215.47	197450.66	410472.43	**138215.47**	**607923.1**
C14	138215.47	197450.66	410472.43	**138215.47**	**607923.1**
C15	138215.47	197450.66	410472.43	**138215.47**	**607923.1**
C16	138215.47	197450.66	410472.43	**138215.47**	**607923.1**
C17	138215.47	197450.66	410472.43	**138215.47**	**607923.1**
C18	138215.47	197450.66	410472.43	**138215.47**	**607923.1**
C19	138215.47	197450.66	410472.43	**138215.47**	**607923.1**
C20	138215.47	197450.66	410472.43	**138215.47**	**607923.1**
C21	138215.47	197450.66	410472.43	**138215.47**	**607923.1**
C22	138215.47	197450.66	410472.43	**138215.47**	**607923.1**
C23	138215.47	197450.66	410472.43	**138215.47**	**607923.1**
C24	138215.47	197450.66	410472.43	**138215.47**	**607923.1**

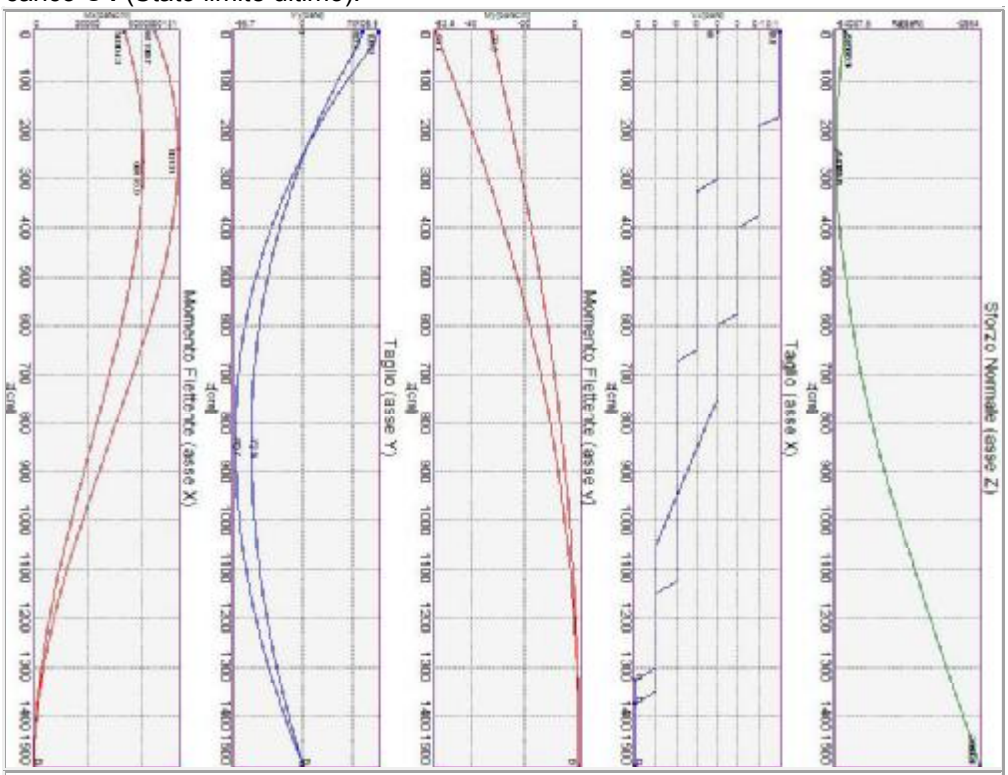
Qst = Portata Laterale in Trazione | Qsc = Portata Laterale in Compressione | Qbc = Portata di Base in Compressione | Qtt = Portata TOTALE in Trazione | Qtc = Portata TOTALE in Compressione

12 CALCOLO DELLE SOLLECITAZIONI.

Si riporta di seguito il dettaglio delle sollecitazioni calcolate, solo per i punti maglia con i pali più sollecitati. Le caratteristiche di sollecitazione sono espresse nel sistema di riferimento locale del palo.

12.1 Casi a SLU

I massimi valori di **Sforzo Normale di compressione**, si ottengono nel punto maglia **PM11**, nel caso di carico **C4** (Stato limite ultimo).



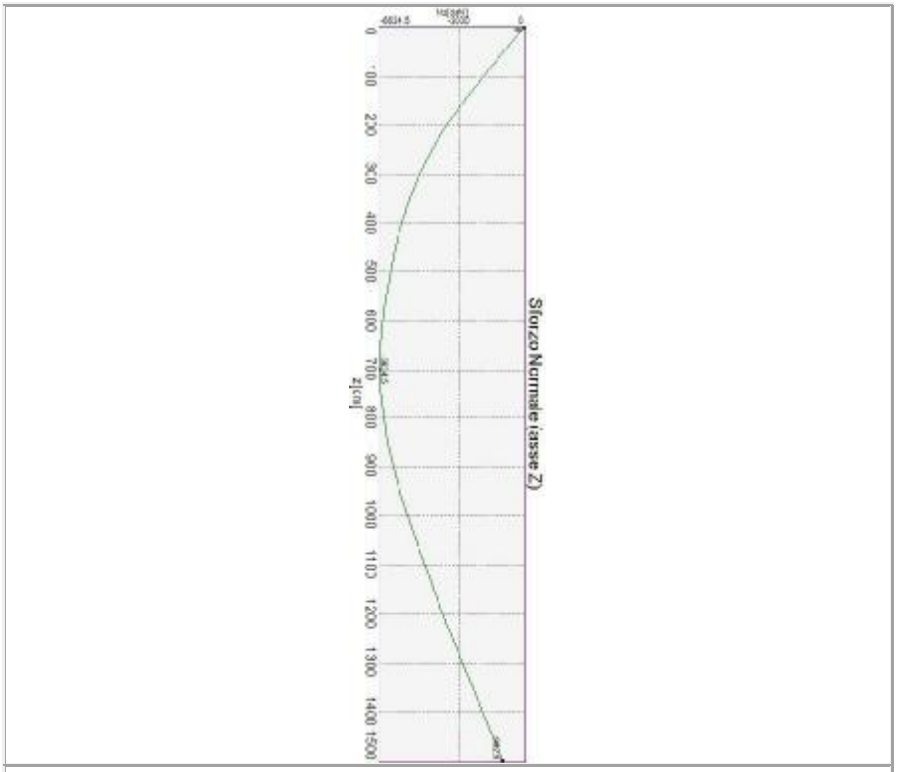
Caratteristiche di sollecitazione lungo il palo (punto maglia PM11, caso C4)

Azioni applicate in testa (punto maglia PM11, caso C4)					
N_z[daN]	V_x[daN]	V_y[daN]	M_x[daN*cm]	M_y[daN*cm]	T_z[daN*cm]
-51020.12÷-51006.26	-0.07÷-0.04	-105.94÷-83.42	50304÷67191	-53÷-33	-21÷16

Caratteristiche di sollecitazione lungo il palo (punto maglia PM11, caso C4)			
z_{loc}[cm]	N_z[daN]	V_{xy}[daN]	M_{xy}[daN*cm]
0	-51020.12÷-51006.26	105.94	67191
0	-51020.12÷-51006.26	105.94	67191
25	-51496.55÷-51482.7	99.14	69754
50	-51944.17÷-51930.32	86.08	72068
75	-52363.04÷-52349.2	73.55	74062
100	-52753.25÷-52739.43	61.55	75750
125	-53114.88÷-53101.08	50.06	77144
150	-53448.01÷-53434.24	39.08	78257
175	-53752.73÷-53739	28.59	79102
190	-53921.96÷-53908.25	22.54	79485
190	-53921.96÷-53908.25	22.54	79485
215	-54076.24÷-54062.58	12.84	79926
240	-54087.51÷-54073.94	4.45	80131
265	-54051.1÷-54037.62	5.13	80111
290	-53967.16÷-53953.78	13.43	79878
300	-53920.3÷-53906.96	16.62	79728
300	-53920.3÷-53906.96	16.62	79728
325	-53728.53÷-53715.31	24.28	79216

350	-53445.15÷-53432.06	31.51	78517
375	-53108.82÷-53095.88	38.3	77644
400	-52719.7÷-52706.91	44.67	76606
425	-52277.92÷-52265.3	50.63	75414
450	-51783.64÷-51771.18	56.18	74078
475	-51236.98÷-51224.71	61.33	72608
500	-50638.09÷-50626	66.09	71014
500	-50638.09÷-50626	66.09	71014
525	-50051.93÷-50040.03	70.47	69307
550	-49481.43÷-49469.72	74.48	67494
575	-48864.84÷-48853.31	78.11	65586
600	-48202.25÷-48190.93	81.39	63591
625	-47493.79÷-47482.67	84.31	61519
650	-46739.55÷-46728.65	86.88	59379
675	-45939.63÷-45928.95	89.12	57178
700	-45094.12÷-45083.67	91.02	54926
725	-44203.1÷-44192.89	92.59	52630
750	-43266.67÷-43256.7	93.84	50299
850	-39067.89÷-39058.99	95.72	40780
950	-34147.47÷-34139.76	92.84	31313
1050	-28694.1÷-28687.66	85.45	22362
1075	-27288.16÷-27282.04	82.92	20257
1100	-25883.67÷-25877.88	80.12	18218
1125	-24480.55÷-24475.08	77.05	16253
1150	-23078.73÷-23073.59	73.72	14368
1175	-21678.14÷-21673.33	70.13	12569
1200	-20278.7÷-20274.21	66.28	10863
1200	-20278.7÷-20274.21	66.28	10863
1225	-18841.87÷-18837.71	62.17	9257
1250	-17367.62÷-17363.8	57.8	7757
1275	-15894.32÷-15890.84	53.17	6369
1300	-14421.91÷-14418.76	48.28	5101
1325	-12950.29÷-12947.48	43.14	3957
1350	-11479.39÷-11476.92	37.75	2946
1375	-10009.12÷-10006.98	32.09	2072
1400	-8539.41÷-8537.61	26.18	1343
1425	-7070.17÷-7068.7	20.02	765
1450	-5601.31÷-5600.19	13.6	344
1475	-4132.77÷-4131.98	6.93	87
1500	-2664.46÷-2664	0	0

I massimi valori di **Sforzo Normale di trazione**, si ottengono nel punto maglia **PM17**, nel caso di carico **C1** (Stato limite ultimo).



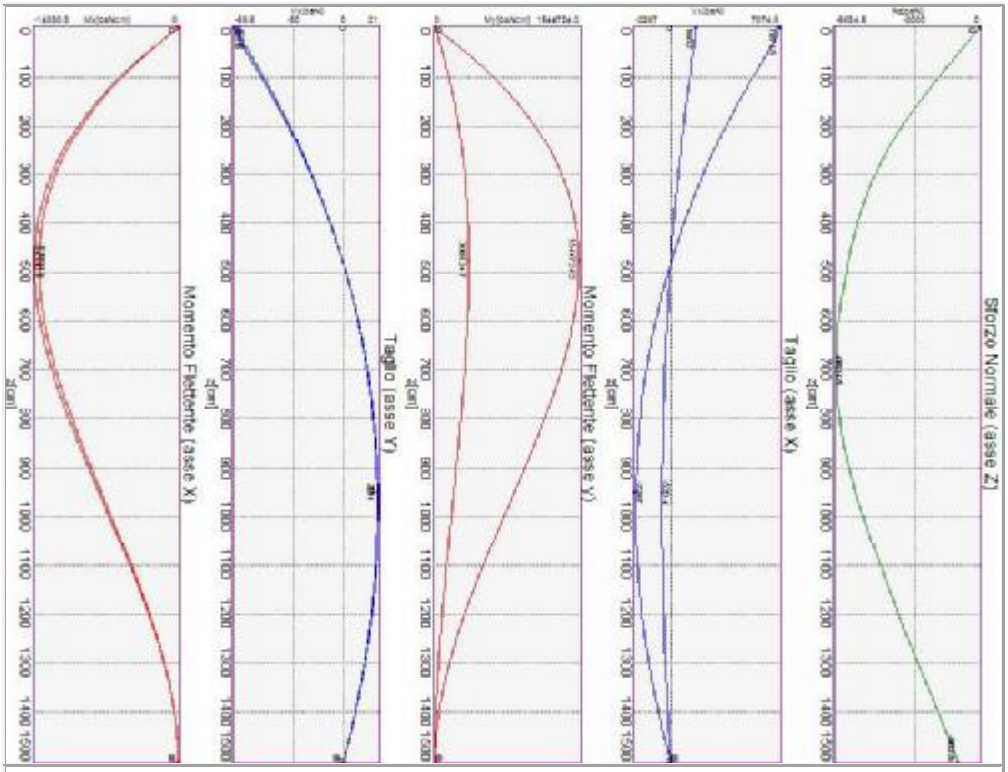
Caratteristiche di sollecitazione lungo il palo (punto maglia PM17, caso C1)

Azioni applicate in testa (punto maglia PM17, caso C1)					
N_z[daN]	V_x[daN]	V_y[daN]	M_x[daN*cm]	M_y[daN*cm]	T_z[daN*cm]
0	0	0	0	0	0

Caratteristiche di sollecitazione lungo il palo (punto maglia PM17, caso C1)			
z_{loc}[cm]	N_z[daN]	V_{xv}[daN]	M_{xv}[daN*cm]
0	0	0	0
0	0	0	0
25	-485.76	0	0
50	-961.3	0	0
75	-1426.61	0	0
100	-1881.7	0	0
125	-2326.58	0	0
150	-2761.24	0	0
175	-3185.7	0	0
190	-3435.48	0	0
190	-3435.48	0	0
215	-3806.03	0	0
240	-4125.27	0	0
265	-4427.22	0	0
290	-4711.91	0	0
300	-4820.96	0	0
300	-4820.96	0	0
325	-5066.59	0	0
350	-5279.02	0	0
375	-5472.1	0	0
400	-5645.84	0	0
425	-5800.27	0	0
450	-5935.41	0	0
475	-6051.28	0	0
500	-6147.9	0	0
500	-6147.9	0	0

525	-6248.76	0	0
550	-6354.95	0	0
575	-6444.08	0	0
600	-6516.17	0	0
625	-6571.25	0	0
650	-6609.32	0	0
675	-6630.41	0	0
700	-6634.54	0	0
725	-6621.72	0	0
750	-6591.97	0	0
850	-6303.94	0	0
950	-5746.12	0	0
1050	-4987.5	0	0
1075	-4781.43	0	0
1100	-4575.62	0	0
1125	-4370.05	0	0
1150	-4164.71	0	0
1175	-3959.59	0	0
1200	-3754.69	0	0
1200	-3754.69	0	0
1225	-3535.82	0	0
1250	-3302.98	0	0
1275	-3070.33	0	0
1300	-2837.84	0	0
1325	-2605.52	0	0
1350	-2373.33	0	0
1375	-2141.28	0	0
1400	-1909.35	0	0
1425	-1677.52	0	0
1450	-1445.78	0	0
1475	-1214.13	0	0
1500	-982.54	0	0

I massimi valori di **Taglio (in valore assoluto)**, **Momento flettente (in valore assoluto)**, si ottengono nel punto maglia **PM29**, nel caso di carico **C7** (Stato limite ultimo).



Caratteristiche di sollecitazione lungo il palo (punto maglia PM29, caso C7)

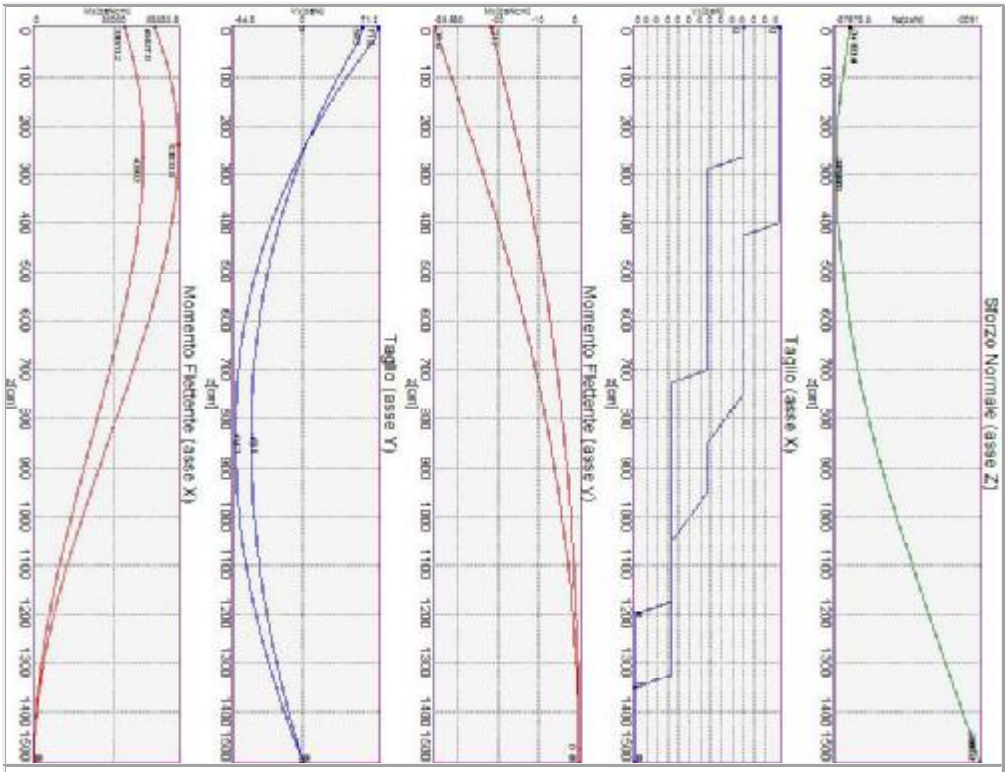
Azioni applicate in testa (punto maglia PM29, caso C7)					
N_z[daN]	V_x[daN]	V_y[daN]	M_x[daN*cm]	M_y[daN*cm]	T_z[daN*cm]
0	-7074.54÷-1652.05	63.63÷65.63	0	0	0

Caratteristiche di sollecitazione lungo il palo (punto maglia PM29, caso C7)			
z_{loc}[cm]	N_z[daN]	V_{xv}[daN]	M_{xv}[daN*cm]
0	0	7074.83	0
0	0	7074.83	0
25	-485.76	6815.29	173610
50	-961.3	6311.96	337668
75	-1426.61	5824.33	489339
100	-1881.7	5352.36	629015
125	-2326.58	4896	757087
150	-2761.24	4455.17	873944
175	-3185.7	4029.77	979974
190	-3435.48	3781.91	1038555
190	-3435.48	3781.91	1038555
215	-3806.03	3381.02	1128059
240	-4125.27	2995.28	1207732
265	-4427.22	2624.59	1277949
290	-4711.91	2268.78	1339085
300	-4820.96	2130.61	1361080
300	-4820.96	2130.61	1361080
325	-5066.59	1795.43	1410125
350	-5279.02	1474.81	1450973
375	-5472.1	1168.6	1483986
400	-5645.84	876.62	1509522
425	-5800.27	598.72	1527934
450	-5935.41	334.75	1539574
475	-6051.28	84.53	1544787
500	-6147.9	152.1	1543914
500	-6147.9	152.1	1543914

525	-6248.76	375.31	1537294
550	-6354.95	585.26	1525259
575	-6444.08	782.12	1508140
600	-6516.17	966.05	1486261
625	-6571.25	1137.21	1459944
650	-6609.32	1295.76	1429505
675	-6630.41	1441.85	1395259
700	-6634.54	1575.64	1357515
725	-6621.72	1697.28	1316579
750	-6591.97	1806.9	1272752
850	-6303.94	2127.97	1074460
950	-5746.12	2267.04	853223
1050	-4987.5	2230.74	626896
1075	-4781.43	2194.89	571554
1100	-4575.62	2148.47	517240
1125	-4370.05	2091.53	464218
1150	-4164.71	2024.14	412750
1175	-3959.59	1946.34	363098
1200	-3754.69	1858.17	315520
1200	-3754.69	1858.17	315520
1225	-3535.82	1759.65	270275
1250	-3302.98	1650.84	227623
1275	-3070.33	1531.75	187819
1300	-2837.84	1402.41	151121
1325	-2605.52	1262.83	117784
1350	-2373.33	1113.03	88065
1375	-2141.28	953.01	62218
1400	-1909.35	782.8	40499
1425	-1677.52	602.38	23163
1450	-1445.78	411.79	10464
1475	-1214.13	210.99	2659
1500	-982.54	0	0

12.2 Casi a SLE

I massimi valori di **Sforzo Normale di compressione**, si ottengono nel punto maglia **PM11**, nel caso di carico **C15** (Rara).



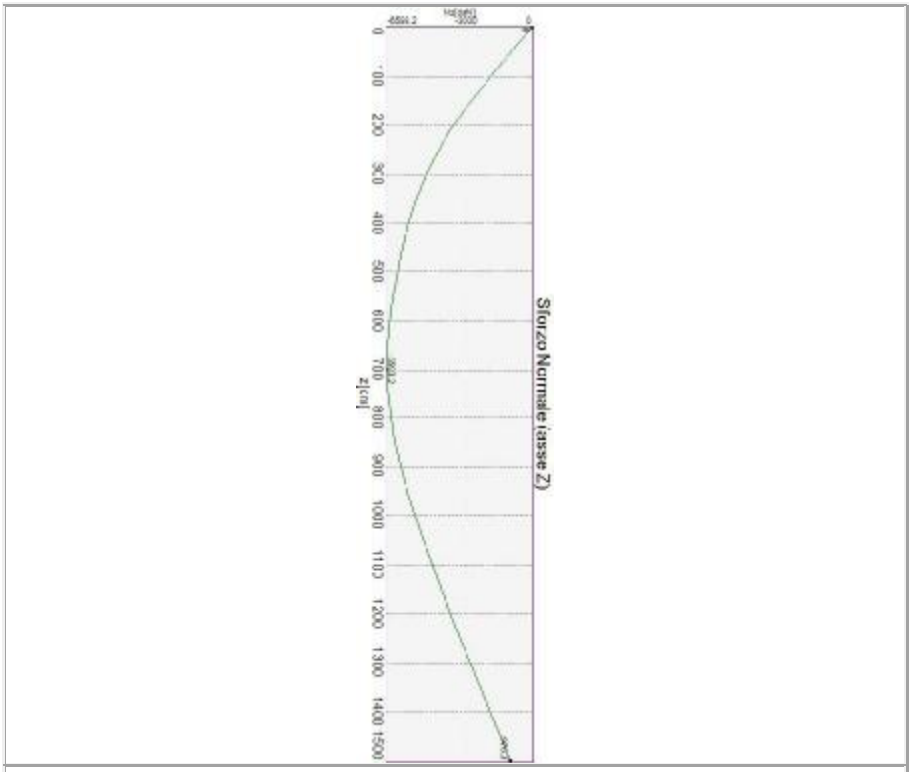
Caratteristiche di sollecitazione lungo il palo (punto maglia PM11, caso C15)

Azioni applicate in testa (punto maglia PM11, caso C15)					
N_z[daN]	V_x[daN]	V_y[daN]	M_x[daN*cm]	M_y[daN*cm]	T_z[daN*cm]
-34191.63÷-34182.38	-0.04÷-0.03	-71.24÷-56.22	33870÷45128	-36÷-22	-14÷10

Caratteristiche di sollecitazione lungo il palo (punto maglia PM11, caso C15)			
z_{loc}[cm]	N_z[daN]	V_{xy}[daN]	M_{xy}[daN*cm]
0	-34191.63÷-34182.38	71.24	45128
0	-34191.63÷-34182.38	71.24	45128
25	-34670.82÷-34661.57	66.67	46851
50	-35126.69÷-35117.45	57.89	48408
75	-35559.35÷-35550.11	49.47	49749
100	-35968.88÷-35959.66	41.4	50884
125	-36355.38÷-36346.18	33.68	51822
150	-36718.96÷-36709.77	26.3	52571
175	-37059.69÷-37050.53	19.25	53140
190	-37253.21÷-37244.07	15.19	53398
190	-37253.21÷-37244.07	15.19	53398
215	-37472.9÷-37463.79	8.67	53695
240	-37577.62÷-37568.57	3.02	53834
265	-37644.25÷-37635.26	3.42	53821
290	-37672.94÷-37664.02	8.99	53666
300	-37673.84÷-37664.95	11.14	53565
300	-37673.84÷-37664.95	11.14	53565
325	-37616.37÷-37607.56	16.29	53221
350	-37485.75÷-37477.03	21.14	52753
375	-37313.1÷-37304.48	25.71	52167
400	-37098.59÷-37090.08	29.99	51470
425	-36842.41÷-36834.01	34	50669
450	-36544.73÷-36536.44	37.73	49772
475	-36205.7÷-36197.54	41.19	48785
500	-35825.51÷-35817.47	44.39	47715
500	-35825.51÷-35817.47	44.39	47715

525	-35456.1÷-35448.19	47.34	46568
550	-35099.78÷-35091.99	50.03	45350
575	-34707.28÷-34699.62	52.47	44068
600	-34278.73÷-34271.21	54.67	42729
625	-33814.26÷-33806.88	56.64	41337
650	-33314.01÷-33306.77	58.37	39899
675	-32778.07÷-32770.99	59.87	38420
700	-32206.58÷-32199.66	61.15	36907
725	-31599.64÷-31592.87	62.21	35364
750	-30957.35÷-30950.75	63.05	33798
850	-28036.14÷-28030.25	64.32	27402
950	-24555.64÷-24550.54	62.38	21042
1050	-20665.85÷-20661.6	57.42	15027
1075	-19661.52÷-19657.48	55.72	13612
1100	-18658.96÷-18655.14	53.84	12242
1125	-17658.09÷-17654.48	51.78	10922
1150	-16658.81÷-16655.42	49.54	9655
1175	-15661.04÷-15657.86	47.13	8446
1200	-14664.68÷-14661.72	44.54	7300
1200	-14664.68÷-14661.72	44.54	7300
1225	-13639.39÷-13636.65	41.78	6221
1250	-12585.13÷-12582.61	38.84	5213
1275	-11532.05÷-11529.75	35.73	4280
1300	-10480.05÷-10477.98	32.45	3428
1325	-9429.04÷-9427.19	28.99	2659
1350	-8378.92÷-8377.29	25.36	1979
1375	-7329.58÷-7328.17	21.57	1392
1400	-6280.93÷-6279.74	17.6	903
1425	-5232.87÷-5231.91	13.45	514
1450	-4185.31÷-4184.56	9.14	231
1475	-3138.13÷-3137.61	4.66	59
1500	-2091.25÷-2090.95	0	0

I massimi valori di **Sforzo Normale di trazione**, si ottengono nel punto maglia **PM17**, nel caso di carico **C13** (Rara).



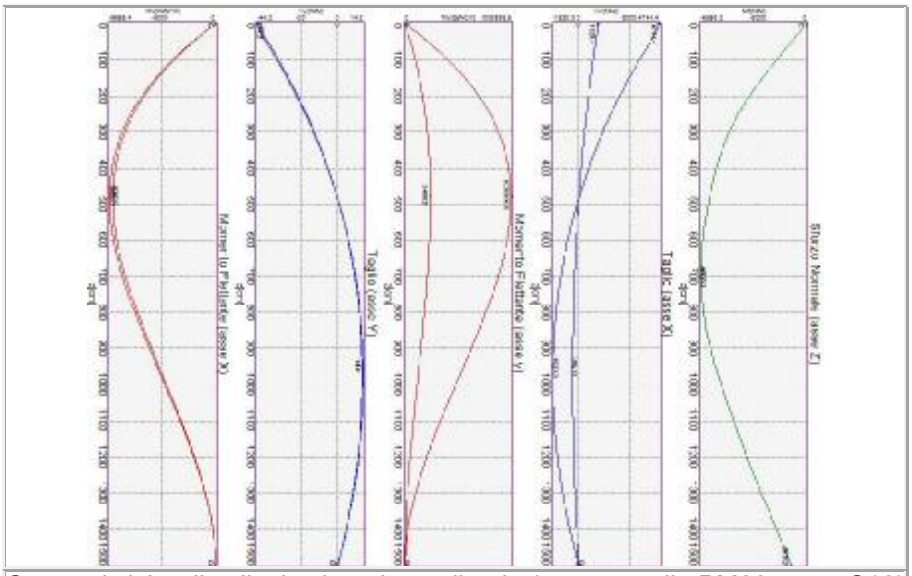
Caratteristiche di sollecitazione lungo il palo (punto maglia PM17, caso C13)

Azioni applicate in testa (punto maglia PM17, caso C13)					
N_z[daN]	V_x[daN]	V_y[daN]	M_x[daN*cm]	M_y[daN*cm]	T_z[daN*cm]
0	0	0	0	0	0

Caratteristiche di sollecitazione lungo il palo (punto maglia PM17, caso C13)			
z_{loc}[cm]	N_z[daN]	V_{xy}[daN]	M_{xy}[daN*cm]
0	0	0	0
0	0	0	0
25	-485.71	0	0
50	-961.1	0	0
75	-1426.17	0	0
100	-1880.93	0	0
125	-2325.37	0	0
150	-2759.52	0	0
175	-3183.38	0	0
190	-3432.75	0	0
190	-3432.75	0	0
215	-3802.25	0	0
240	-4120	0	0
265	-4420.37	0	0
290	-4703.38	0	0
300	-4811.73	0	0
300	-4811.73	0	0
325	-5055.45	0	0
350	-5265.77	0	0
375	-5456.68	0	0
400	-5628.21	0	0
425	-5780.38	0	0
450	-5913.24	0	0
475	-6026.82	0	0
500	-6121.15	0	0
500	-6121.15	0	0

525	-6219.89	0	0
550	-6324.1	0	0
575	-6411.29	0	0
600	-6481.51	0	0
625	-6534.78	0	0
650	-6571.13	0	0
675	-6590.6	0	0
700	-6593.21	0	0
725	-6578.99	0	0
750	-6547.98	0	0
850	-6256.39	0	0
950	-5697.89	0	0
1050	-4941.77	0	0
1075	-4736.81	0	0
1100	-4532.29	0	0
1125	-4328.17	0	0
1150	-4124.44	0	0
1175	-3921.09	0	0
1200	-3718.08	0	0
1200	-3718.08	0	0
1225	-3501.3	0	0
1250	-3270.72	0	0
1275	-3040.45	0	0
1300	-2810.46	0	0
1325	-2580.74	0	0
1350	-2351.26	0	0
1375	-2122.01	0	0
1400	-1892.95	0	0
1425	-1664.07	0	0
1450	-1435.34	0	0
1475	-1206.75	0	0
1500	-978.28	0	0

I massimi valori di **Taglio (in valore assoluto)**, **Momento flettente (in valore assoluto)**, si ottengono nel punto maglia **PM29**, nel caso di carico **C18** (Rara).



Caratteristiche di sollecitazione lungo il palo (punto maglia PM29, caso C18)

Azioni applicate in testa (punto maglia PM29, caso C18)					
N_z[daN]	V_x[daN]	V_y[daN]	M_x[daN*cm]	M_y[daN*cm]	T_z[daN*cm]
0	-4744.39÷-1129.39	42.88÷44.22	0	0	0

Caratteristiche di sollecitazione lungo il palo (punto maglia PM29, caso C18)			
z_{loc}[cm]	N_z[daN]	V_{xy}[daN]	M_{xy}[daN*cm]
0	0	4744.58	0
0	0	4744.58	0
25	-485.71	4570.53	116428
50	-961.1	4232.98	226450
75	-1426.17	3905.96	328165
100	-1880.93	3589.45	421835
125	-2325.37	3283.4	507724
150	-2759.52	2987.76	586092
175	-3183.38	2702.49	657199
190	-3432.75	2536.26	696485
190	-3432.75	2536.26	696485
215	-3802.25	2267.41	756509
240	-4120	2008.72	809940
265	-4420.37	1760.12	857030
290	-4703.38	1521.51	898029
300	-4811.73	1428.85	912780
300	-4811.73	1428.85	912780
325	-5055.45	1204.07	945671
350	-5265.77	989.05	973065
375	-5456.68	783.69	995204
400	-5628.21	587.88	1012329
425	-5780.38	401.53	1024677
450	-5913.24	224.5	1032483
475	-6026.82	56.69	1035979
500	-6121.15	102	1035393
500	-6121.15	102	1035393
525	-6219.89	251.69	1030954
550	-6324.1	392.5	1022883
575	-6411.29	524.51	1011402
600	-6481.51	647.86	996730
625	-6534.78	762.64	979081
650	-6571.13	868.98	958668
675	-6590.6	966.95	935701
700	-6593.21	1056.67	910389
725	-6578.99	1138.25	882936
750	-6547.98	1211.76	853544
850	-6256.39	1427.08	720564
950	-5697.89	1520.34	572196
1050	-4941.77	1495.99	420415
1075	-4736.81	1471.95	383301
1100	-4532.29	1440.83	346876
1125	-4328.17	1402.65	311318
1150	-4124.44	1357.45	276802
1175	-3921.09	1305.27	243504
1200	-3718.08	1246.14	211597
1200	-3718.08	1246.14	211597
1225	-3501.3	1180.08	181255
1250	-3270.72	1107.11	152650
1275	-3040.45	1027.23	125957
1300	-2810.46	940.5	101346
1325	-2580.74	846.88	78989
1350	-2351.26	746.43	59059
1375	-2122.01	639.12	41725

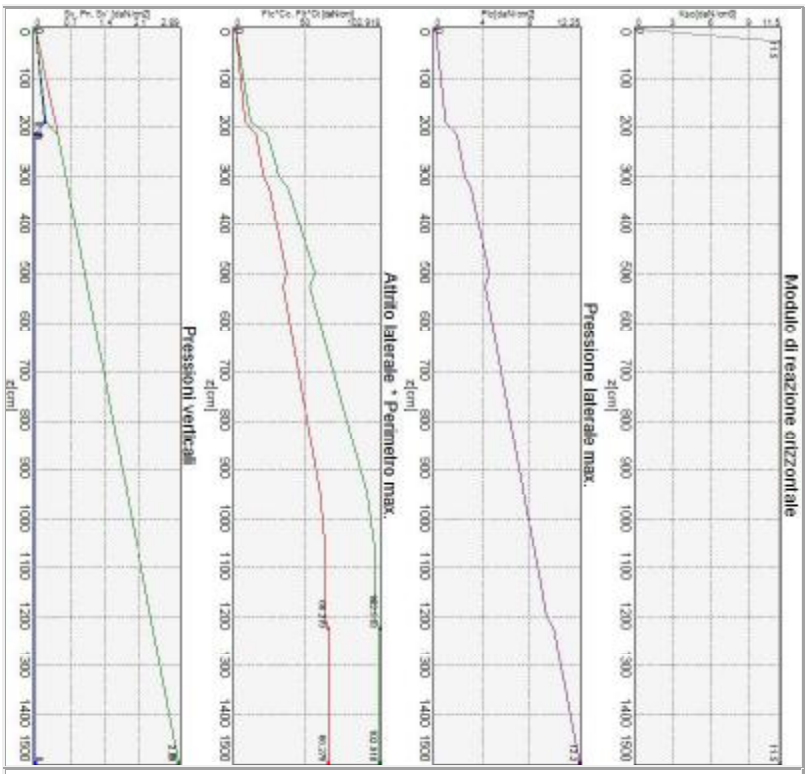
1400	-1892.95	524.97	27160
1425	-1664.07	403.98	15534
1450	-1435.34	276.15	7018
1475	-1206.75	141.5	1783
1500	-978.28	0	0

13 VERIFICHE GEOTECNICHE.

Si riporta di seguito il dettaglio delle verifiche eseguite, per ciascun palo.

13.1 Verifica: Capacità portante

La situazione di verifica più severa, si ottiene nel punto maglia **PM11**, nel caso di carico **C4**, sestetto **1** (Stato limite ultimo).



Capacità portante
Situazione peggiore: Punto maglia PM11, Caso C4, Sestetto 1

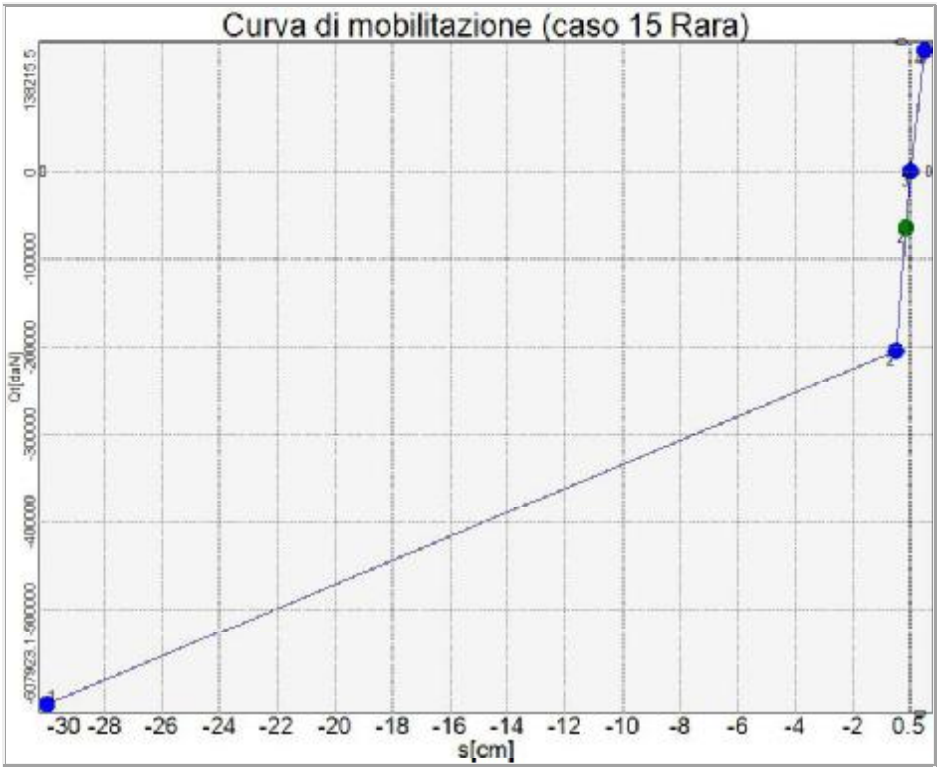
Segue il riassunto della verifica, per tutti i punti maglia, per il caso ed il sestetto che danno il fattore di sicurezza minore.

Verifica: Capacità portante					
Punto	Caso	Ses.	R_d: Qt[daN]	S_d: Qt[daN]	fs[-]
PM1	C3	2	279853	77883	3.59
PM2	C3	2	279853	77993	3.59
PM3	C3	2	279853	80028	3.50
PM4	C4	2	279853	88954	3.15
PM5	C3	1	279853	77877	3.59
PM6	C3	1	279853	77976	3.59
PM7	C3	1	279853	80025	3.50
PM8	C3	2	279853	79695	3.51
PM9	C3	2	279853	80264	3.49
PM10	C3	1	279853	88624	3.16
PM11	C4	1	279853	89308	3.13
PM12	C3	1	279853	79643	3.51
PM13	C3	1	279853	80268	3.49

PM14	C3	2	279853	73387	3.81
PM15	C4	1	279853	87482	3.20
PM16	C3	1	279853	73391	3.81
PM17	C1	1	279853	38288	7.31
PM18	C1	1	279853	38288	7.31
PM19	C1	1	279853	38288	7.31
PM20	C1	1	279853	38288	7.31
PM21	C1	1	279853	38288	7.31
PM22	C1	1	279853	38288	7.31
PM23	C1	1	279853	38288	7.31
PM24	C1	1	279853	38288	7.31
PM25	C1	1	279853	38288	7.31
PM26	C1	1	279853	38288	7.31
PM27	C1	1	279853	38288	7.31
PM28	C1	1	279853	38288	7.31
PM29	C1	1	279853	38288	7.31
PM30	C1	1	279853	38288	7.31
PM31	C1	1	279853	38288	7.31
PM32	C1	1	279853	38288	7.31
PM33	C1	1	279853	38288	7.31
PM34	C1	1	279853	38288	7.31
PM35	C1	1	279853	38288	7.31
PM36	C1	1	279853	38288	7.31
PM37	C1	1	279853	38288	7.31
PM38	C1	1	279853	38288	7.31
PM39	C1	1	279853	38288	7.31
PM40	C1	1	279853	38288	7.31
PM41	C1	1	279853	38288	7.31
PM42	C1	1	279853	38288	7.31
PM43	C1	1	279853	38288	7.31
PM44	C1	1	279853	38288	7.31
PM45	C1	1	279853	38288	7.31
PM46	C1	1	279853	38288	7.31
PM47	C1	1	279853	38288	7.31
PM48	C1	1	279853	38288	7.31
PM49	C1	1	279853	38288	7.31
PM50	C1	1	279853	38288	7.31
PM51	C1	1	279853	38288	7.31
PM52	C1	1	279853	38288	7.31
PM53	C1	1	279853	38288	7.31
PM54	C1	1	279853	38288	7.31
PM55	C1	1	279853	38288	7.31
PM56	C1	1	279853	38288	7.31
PM57	C1	1	279853	38288	7.31
PM58	C1	1	279853	38288	7.31
PM59	C1	1	279853	38288	7.31
PM60	C1	1	279853	38288	7.31

13.2 Verifica: Cedimento

I cedimenti del singolo palo sono calcolati utilizzando la relativa curva di mobilitazione. L'interazione tra i pali è valutata con il metodo dei fattori di interazione (Poulos e Davis, 1980). La situazione di verifica più severa, si ottiene nel punto maglia **PM11**, nel caso di carico **C15**, sestetto **2** (Rara). Si ottengono i seguenti valori: cedimento del palo singolo = -1.56 [mm], cedimento indotto dal gruppo = -9.94 [mm], cedimento totale: -11.50 [mm].



Cedimento
Situazione peggiore: Punto maglia PM11, Caso C15, Sestetto 2

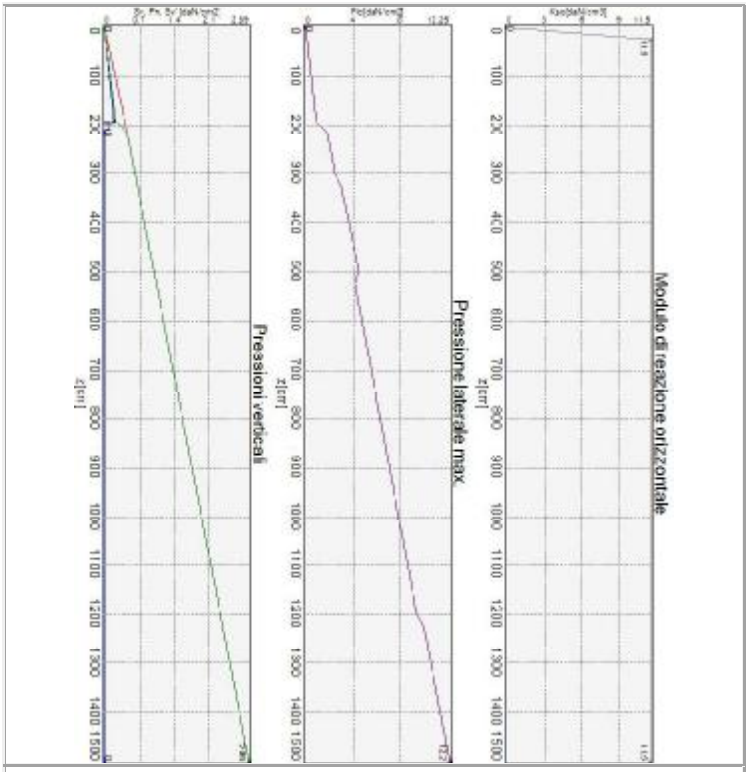
Segue il riassunto della verifica, per tutti i punti maglia, per il caso ed il sestetto che danno il fattore di sicurezza minore.

Verifica: Cedimento					
Punto	Caso	Ses.	R_d: Ced.[mm]	S_d: Ced.[mm]	fs[-]
PM1	C14	2	-30	-1 + -9 = -11	2.83
PM2	C14	2	-30	-1 + -9 = -11	2.82
PM3	C14	2	-30	-1 + -9 = -10	2.95
PM4	C15	2	-30	-2 + -10 = -11	2.70
PM5	C14	1	-30	-1 + -9 = -11	2.83
PM6	C14	1	-30	-1 + -9 = -11	2.82
PM7	C14	1	-30	-1 + -9 = -10	2.95
PM8	C14	2	-30	-1 + -8 = -10	3.15
PM9	C14	2	-30	-1 + -9 = -10	2.86
PM10	C15	2	-30	-2 + -9 = -10	2.89
PM11	C15	2	-30	-2 + -10 = -11	2.61
PM12	C14	1	-30	-1 + -8 = -10	3.15
PM13	C14	1	-30	-1 + -9 = -10	2.86
PM14	C14	2	-30	-1 + -7 = -9	3.45
PM15	C15	2	-30	-2 + -8 = -9	3.17
PM16	C14	1	-30	-1 + -7 = -9	3.45
PM17	C14	2	-30	0 + -8 = -9	3.36
PM18	C14	1	-30	0 + -8 = -9	3.36
PM19	C14	2	-30	0 + -9 = -10	3.04
PM20	C14	1	-30	0 + -9 = -10	3.04
PM21	C14	2	-30	0 + -10 = -11	2.85
PM22	C14	1	-30	0 + -10 = -11	2.85
PM23	C14	2	-30	0 + -10 = -11	2.78
PM24	C14	1	-30	0 + -10 = -11	2.78
PM25	C14	2	-30	0 + -10 = -11	2.73
PM26	C14	1	-30	0 + -10 = -11	2.73

PM27	C14	2	-30	0 + -10 = -11	2.74
PM28	C14	1	-30	0 + -10 = -11	2.74
PM29	C14	2	-30	0 + -10 = -11	2.74
PM30	C14	1	-30	0 + -10 = -11	2.74
PM31	C14	2	-30	0 + -10 = -11	2.73
PM32	C14	1	-30	0 + -10 = -11	2.73
PM33	C14	2	-30	0 + -10 = -11	2.75
PM34	C14	1	-30	0 + -10 = -11	2.75
PM35	C14	2	-30	0 + -10 = -10	2.88
PM36	C14	1	-30	0 + -10 = -10	2.88
PM37	C14	2	-30	0 + -9 = -10	3.06
PM38	C14	1	-30	0 + -9 = -10	3.06
PM39	C14	2	-30	0 + -8 = -9	3.46
PM40	C14	1	-30	0 + -8 = -9	3.46
PM41	C15	2	-30	0 + -8 = -9	3.40
PM42	C15	2	-30	0 + -10 = -11	2.82
PM43	C15	2	-30	0 + -10 = -11	2.68
PM44	C15	2	-30	0 + -10 = -11	2.70
PM45	C15	2	-30	0 + -10 = -11	2.69
PM46	C15	2	-30	0 + -10 = -11	2.73
PM47	C15	2	-30	0 + -9 = -10	2.98
PM48	C14	2	-30	0 + -9 = -9	3.24
PM49	C14	1	-30	0 + -9 = -9	3.24
PM50	C14	1	-30	0 + -9 = -10	2.96
PM51	C14	2	-30	0 + -9 = -10	2.96
PM52	C14	2	-30	0 + -10 = -10	2.91
PM53	C14	1	-30	0 + -10 = -10	2.91
PM54	C15	2	-30	0 + -10 = -11	2.70
PM55	C14	2	-30	0 + -10 = -10	2.92
PM56	C14	1	-30	0 + -10 = -10	2.92
PM57	C14	2	-30	0 + -9 = -10	3.08
PM58	C14	1	-30	0 + -9 = -10	3.08
PM59	C14	2	-30	0 + -7 = -8	3.66
PM60	C14	1	-30	0 + -7 = -8	3.66

13.3 Verifica: Resistenza trasversale

La situazione di verifica più severa, si ottiene nel punto maglia **PM29**, nel caso di carico **C7**, sestetto **2** (Stato limite ultimo).



Resistenza trasversale
Situazione peggiore: Punto maglia PM29, Caso C7, Sestetto 2

Segue il riassunto della verifica, per tutti i punti maglia, per il caso ed il sestetto che danno il fattore di sicurezza minore.

Verifica: Resistenza trasversale					
Punto	Caso	Ses.	R_d: Rtr[daN]	S_d: Rtr[daN]	fs[-]
PM1	C12	16	2848326	106	10.00
PM2	C12	13	2848326	101	10.00
PM3	C3	2	2848326	522	10.00
PM4	C12	9	2848326	286	10.00
PM5	C12	2	2848326	106	10.00
PM6	C12	4	2848326	102	10.00
PM7	C3	1	2848326	521	10.00
PM8	C3	2	2848326	544	10.00
PM9	C3	2	2848326	534	10.00
PM10	C11	1	2848326	161	10.00
PM11	C12	1	2848326	182	10.00
PM12	C3	1	2848326	542	10.00
PM13	C3	1	2848326	533	10.00
PM14	C12	4	2848326	744	10.00
PM15	C12	4	2848326	376	10.00
PM16	C12	13	2848326	744	10.00
PM17	C1	1	0	0	10.00
PM18	C1	1	0	0	10.00
PM19	C1	1	0	0	10.00
PM20	C1	1	0	0	10.00
PM21	C1	1	0	0	10.00
PM22	C1	1	0	0	10.00
PM23	C1	1	0	0	10.00
PM24	C1	1	0	0	10.00
PM25	C7	2	2848326	3931	10.00
PM26	C3	1	2848326	3920	10.00

PM27	C1	1	0	0	10.00
PM28	C1	1	0	0	10.00
PM29	C7	2	2848326	7075	10.00
PM30	C7	1	2848326	7042	10.00
PM31	C1	1	0	0	10.00
PM32	C1	1	0	0	10.00
PM33	C1	1	0	0	10.00
PM34	C1	1	0	0	10.00
PM35	C1	1	0	0	10.00
PM36	C1	1	0	0	10.00
PM37	C1	1	0	0	10.00
PM38	C1	1	0	0	10.00
PM39	C1	1	0	0	10.00
PM40	C1	1	0	0	10.00
PM41	C1	1	0	0	10.00
PM42	C1	1	0	0	10.00
PM43	C1	1	0	0	10.00
PM44	C1	1	0	0	10.00
PM45	C1	1	0	0	10.00
PM46	C1	1	0	0	10.00
PM47	C1	1	0	0	10.00
PM48	C1	1	0	0	10.00
PM49	C1	1	0	0	10.00
PM50	C1	1	0	0	10.00
PM51	C1	1	0	0	10.00
PM52	C1	1	0	0	10.00
PM53	C1	1	0	0	10.00
PM54	C1	1	0	0	10.00
PM55	C1	1	0	0	10.00
PM56	C1	1	0	0	10.00
PM57	C1	1	0	0	10.00
PM58	C1	1	0	0	10.00
PM59	C1	1	0	0	10.00
PM60	C1	1	0	0	10.00

14 VERIFICHE STRUTTURALI.

Si riporta di seguito il dettaglio delle verifiche eseguite, per ciascun palo, solo in corrispondenza della progressiva dove si ottiene la situazione più severa.

14.1 Verifica: Spostamento orizzontale

La situazione di verifica più severa, si ottiene nel punto maglia **PM29**, nel caso di carico **C18**, sestetto **2** (Rara).

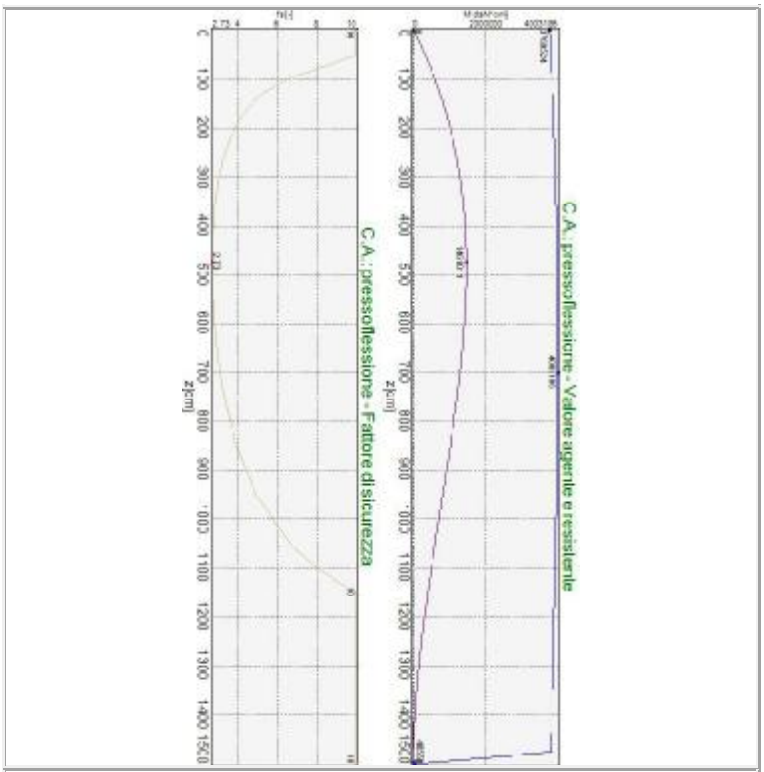
Segue il riassunto della verifica, per tutti i punti maglia, per il caso ed il sestetto che danno il fattore di sicurezza minore.

Verifica: Spostamento orizzontale					
Punto	Caso	Ses.	R_d: Sor[mm]	S_d: Sor[mm]	fs[-]
PM1	C13	1	30	0	10.00
PM2	C15	2	30	0	10.00
PM3	C15	1	30	0	10.00
PM4	C18	1	30	0	10.00
PM5	C15	2	30	0	10.00
PM6	C15	2	30	0	10.00
PM7	C15	1	30	0	10.00
PM8	C15	1	30	0	10.00

PM9	C15	2	30	0	10.00
PM10	C15	2	30	0	10.00
PM11	C13	1	30	0	10.00
PM12	C15	1	30	0	10.00
PM13	C15	1	30	0	10.00
PM14	C15	2	30	1	10.00
PM15	C15	2	30	0	10.00
PM16	C13	1	30	1	10.00
PM17	C13	1	30	0	10.00
PM18	C13	1	30	0	10.00
PM19	C13	1	30	0	10.00
PM20	C13	1	30	0	10.00
PM21	C13	1	30	0	10.00
PM22	C13	1	30	0	10.00
PM23	C13	1	30	0	10.00
PM24	C13	1	30	0	10.00
PM25	C14	2	30	7	4.41
PM26	C14	1	30	7	4.41
PM27	C13	1	30	0	10.00
PM28	C13	1	30	0	10.00
PM29	C18	2	30	12	2.44
PM30	C18	1	30	12	2.46
PM31	C13	1	30	0	10.00
PM32	C13	1	30	0	10.00
PM33	C13	1	30	0	10.00
PM34	C13	1	30	0	10.00
PM35	C13	1	30	0	10.00
PM36	C13	1	30	0	10.00
PM37	C13	1	30	0	10.00
PM38	C13	1	30	0	10.00
PM39	C13	1	30	0	10.00
PM40	C13	1	30	0	10.00
PM41	C13	1	30	0	10.00
PM42	C13	1	30	0	10.00
PM43	C13	1	30	0	10.00
PM44	C13	1	30	0	10.00
PM45	C13	1	30	0	10.00
PM46	C13	1	30	0	10.00
PM47	C13	1	30	0	10.00
PM48	C13	1	30	0	10.00
PM49	C13	1	30	0	10.00
PM50	C13	1	30	0	10.00
PM51	C13	1	30	0	10.00
PM52	C13	1	30	0	10.00
PM53	C13	1	30	0	10.00
PM54	C13	1	30	0	10.00
PM55	C13	1	30	0	10.00
PM56	C13	1	30	0	10.00
PM57	C13	1	30	0	10.00
PM58	C13	1	30	0	10.00
PM59	C13	1	30	0	10.00
PM60	C13	1	30	0	10.00

14.2 Verifica: C.A.: pressoflessione

La situazione di verifica più severa, si ottiene nel punto maglia **PM29**, nel caso di carico **C12**, sestetto **1** (Stato limite ultimo).



C.A.: pressoflessione
Situazione peggiore: Punto maglia PM29, Caso C12, Sestetto 1

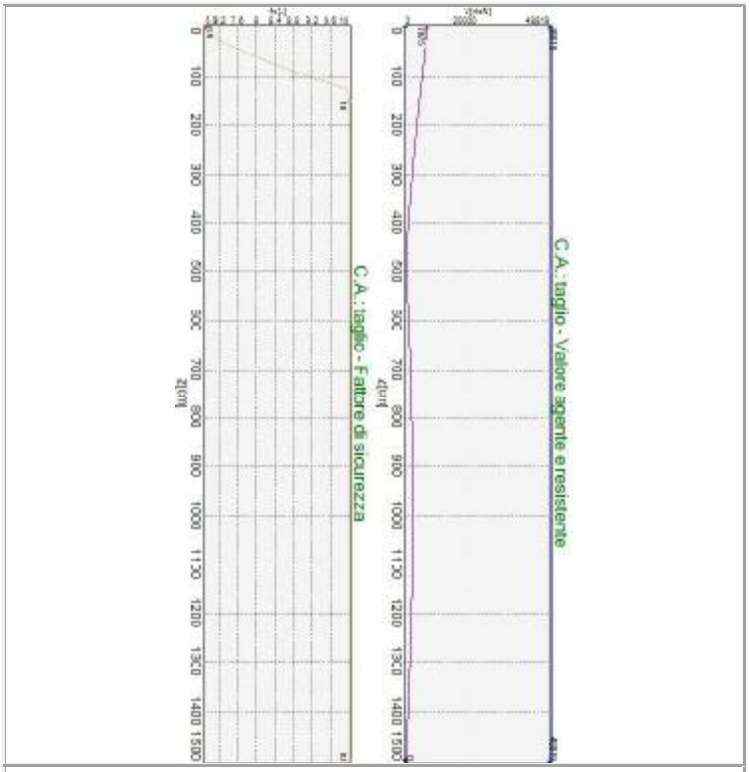
Segue il riassunto della verifica, per tutti i punti maglia, per il caso ed il sestetto che danno il fattore di sicurezza minore.

Verifica: C.A.: pressoflessione					
Punto	Caso	Ses.	R_d: M[daN*cm]	S_d: M[daN*cm]	fs[-]
PM1	C3	1	7110935	314480	10.00
PM2	C3	1	7117092	311565	10.00
PM3	C12	4	4601643	343172	10.00
PM4	C12	9	4737205	297936	10.00
PM5	C3	2	7111151	313848	10.00
PM6	C3	2	7116981	310636	10.00
PM7	C12	13	4601609	343114	10.00
PM8	C11	2	4585689	235158	10.00
PM9	C12	1	4598400	250580	10.00
PM10	C11	1	4730631	169560	10.00
PM11	C12	1	4743714	186736	10.00
PM12	C11	15	4584476	234566	10.00
PM13	C12	16	4598500	250430	10.00
PM14	C12	9	4415714	420957	10.00
PM15	C12	4	4710400	377760	10.00
PM16	C12	8	4415804	420486	10.00
PM17	C1	1	5689526	0	10.00
PM18	C1	1	5689526	0	10.00
PM19	C1	1	5689526	0	10.00
PM20	C1	1	5689526	0	10.00
PM21	C1	1	5689526	0	10.00
PM22	C1	1	5689526	0	10.00

PM23	C1	1	5689526	0	10.00
PM24	C1	1	5689526	0	10.00
PM25	C12	8	3982745	786747	5.06
PM26	C12	9	3982745	787008	5.06
PM27	C1	1	5689526	0	10.00
PM28	C1	1	5689526	0	10.00
PM29	C12	1	3982745	1461011	2.73
PM30	C12	16	3982745	1460963	2.73
PM31	C1	1	5689526	0	10.00
PM32	C1	1	5689526	0	10.00
PM33	C1	1	5689526	0	10.00
PM34	C1	1	5689526	0	10.00
PM35	C1	1	5689526	0	10.00
PM36	C1	1	5689526	0	10.00
PM37	C1	1	5689526	0	10.00
PM38	C1	1	5689526	0	10.00
PM39	C1	1	5689526	0	10.00
PM40	C1	1	5689526	0	10.00
PM41	C1	1	5689526	0	10.00
PM42	C1	1	5689526	0	10.00
PM43	C1	1	5689526	0	10.00
PM44	C1	1	5689526	0	10.00
PM45	C1	1	5689526	0	10.00
PM46	C1	1	5689526	0	10.00
PM47	C1	1	5689526	0	10.00
PM48	C1	1	5689526	0	10.00
PM49	C1	1	5689526	0	10.00
PM50	C1	1	5689526	0	10.00
PM51	C1	1	5689526	0	10.00
PM52	C1	1	5689526	0	10.00
PM53	C1	1	5689526	0	10.00
PM54	C1	1	5689526	0	10.00
PM55	C1	1	5689526	0	10.00
PM56	C1	1	5689526	0	10.00
PM57	C1	1	5689526	0	10.00
PM58	C1	1	5689526	0	10.00
PM59	C1	1	5689526	0	10.00
PM60	C1	1	5689526	0	10.00

14.3 Verifica: C.A.: taglio

La situazione di verifica più severa, si ottiene nel punto maglia **PM29**, nel caso di carico **C7**, sestetto **2** (Stato limite ultimo).



C.A.: taglio
Situazione peggiore: Punto maglia PM29, Caso C7, Sestetto 2

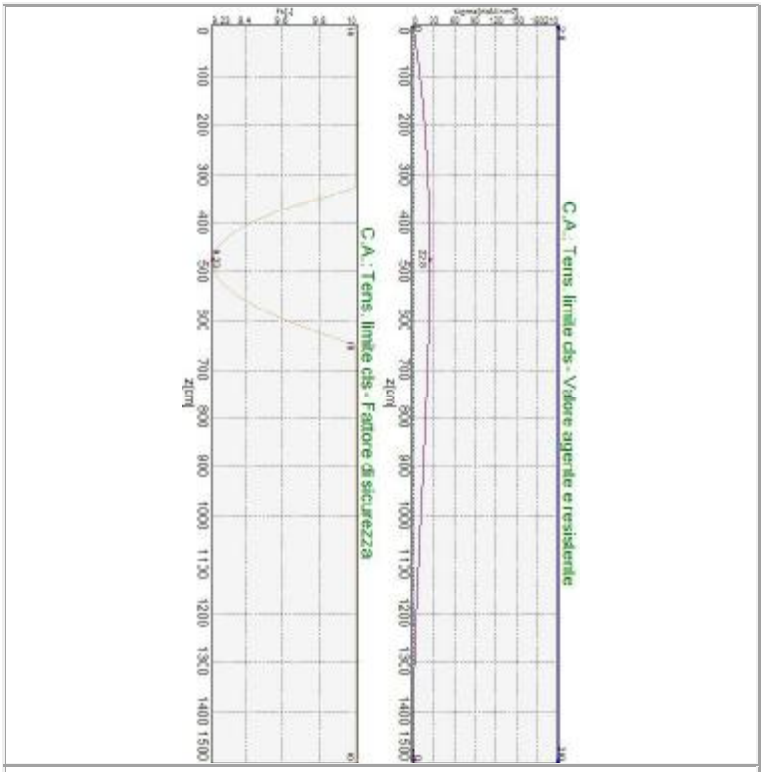
Segue il riassunto della verifica, per tutti i punti maglia, per il caso ed il sestetto che danno il fattore di sicurezza minore.

Verifica: C.A.: taglio					
Punto	Caso	Ses.	R_d: V[daN]	S_d: V[daN]	fs[-]
PM1	C3	1	48819	304	10.00
PM2	C4	2	48819	305	10.00
PM3	C3	2	48819	522	10.00
PM4	C12	9	48819	303	10.00
PM5	C3	2	48819	304	10.00
PM6	C4	2	48819	304	10.00
PM7	C3	1	48819	521	10.00
PM8	C3	2	48819	544	10.00
PM9	C3	2	48819	534	10.00
PM10	C11	1	48819	172	10.00
PM11	C12	1	48819	188	10.00
PM12	C3	1	48819	542	10.00
PM13	C3	1	48819	533	10.00
PM14	C12	4	48819	744	10.00
PM15	C12	4	48819	390	10.00
PM16	C12	13	48819	744	10.00
PM17	C1	1	48819	0	10.00
PM18	C1	1	48819	0	10.00
PM19	C1	1	48819	0	10.00
PM20	C1	1	48819	0	10.00
PM21	C1	1	48819	0	10.00
PM22	C1	1	48819	0	10.00
PM23	C1	1	48819	0	10.00
PM24	C1	1	48819	0	10.00
PM25	C7	2	48819	3931	10.00
PM26	C3	1	48819	3920	10.00

PM27	C1	1	48819	0	10.00
PM28	C1	1	48819	0	10.00
PM29	C7	2	48819	7075	6.90
PM30	C7	1	48819	7042	6.93
PM31	C1	1	48819	0	10.00
PM32	C1	1	48819	0	10.00
PM33	C1	1	48819	0	10.00
PM34	C1	1	48819	0	10.00
PM35	C1	1	48819	0	10.00
PM36	C1	1	48819	0	10.00
PM37	C1	1	48819	0	10.00
PM38	C1	1	48819	0	10.00
PM39	C1	1	48819	0	10.00
PM40	C1	1	48819	0	10.00
PM41	C1	1	48819	0	10.00
PM42	C1	1	48819	0	10.00
PM43	C1	1	48819	0	10.00
PM44	C1	1	48819	0	10.00
PM45	C1	1	48819	0	10.00
PM46	C1	1	48819	0	10.00
PM47	C1	1	48819	0	10.00
PM48	C1	1	48819	0	10.00
PM49	C1	1	48819	0	10.00
PM50	C1	1	48819	0	10.00
PM51	C1	1	48819	0	10.00
PM52	C1	1	48819	0	10.00
PM53	C1	1	48819	0	10.00
PM54	C1	1	48819	0	10.00
PM55	C1	1	48819	0	10.00
PM56	C1	1	48819	0	10.00
PM57	C1	1	48819	0	10.00
PM58	C1	1	48819	0	10.00
PM59	C1	1	48819	0	10.00
PM60	C1	1	48819	0	10.00

14.4 Verifica: C.A.: Tens. limite cls

La situazione di verifica più severa, si ottiene nel punto maglia **PM29**, nel caso di carico **C18**, sestetto **2** (Rara).



C.A.: Tens. limite cls
Situazione peggiore: Punto maglia PM29, Caso C18, Sestetto 2

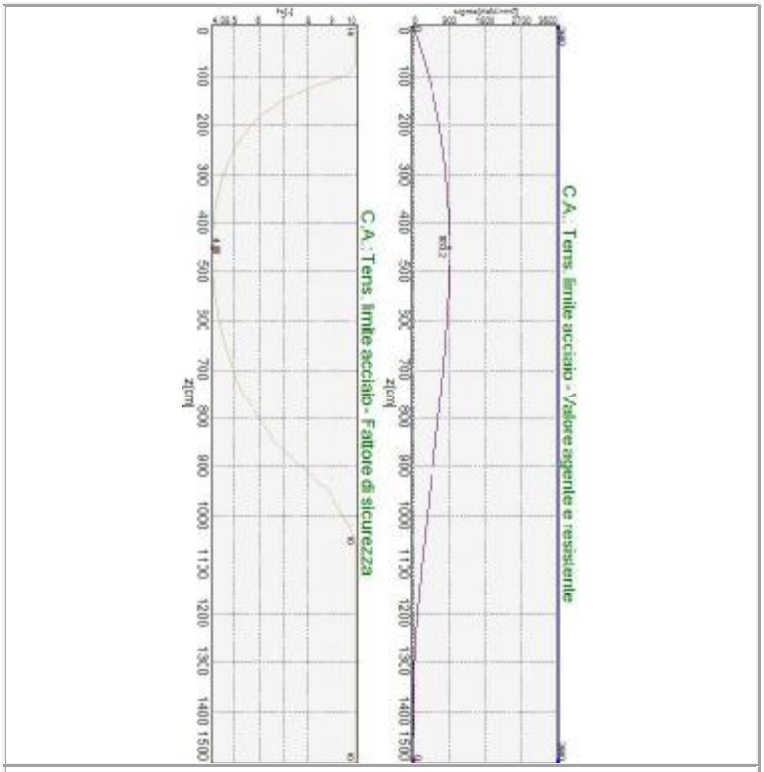
Segue il riassunto della verifica, per tutti i punti maglia, per il caso ed il sestetto che danno il fattore di sicurezza minore.

Verifica: C.A.: Tens. limite cls					
Punto	Caso	Ses.	R_d: sigma[daN/cm2]	S_d: sigma[daN/cm2]	fs[-]
PM1	C24	1	157.5	4.4	10.00
PM2	C24	1	157.5	4.5	10.00
PM3	C14	2	210	5	10.00
PM4	C24	1	157.5	4.1	10.00
PM5	C24	1	157.5	4.4	10.00
PM6	C24	1	157.5	4.5	10.00
PM7	C14	1	210	5	10.00
PM8	C14	2	210	5	10.00
PM9	C14	2	210	5.1	10.00
PM10	C24	1	157.5	3.8	10.00
PM11	C24	1	157.5	4.2	10.00
PM12	C14	1	210	5	10.00
PM13	C14	1	210	5.1	10.00
PM14	C24	1	157.5	4.5	10.00
PM15	C24	1	157.5	4.1	10.00
PM16	C24	1	157.5	4.5	10.00
PM17	C24	1	157.5	0.8	10.00
PM18	C24	1	157.5	0.8	10.00
PM19	C24	1	157.5	0.8	10.00
PM20	C24	1	157.5	0.8	10.00
PM21	C24	1	157.5	0.8	10.00
PM22	C24	1	157.5	0.8	10.00
PM23	C24	1	157.5	0.8	10.00
PM24	C24	1	157.5	0.8	10.00
PM25	C18	2	210	12.2	10.00
PM26	C14	1	210	12.2	10.00

PM27	C24	1	157.5	0.8	10.00
PM28	C24	1	157.5	0.8	10.00
PM29	C18	2	210	22.8	9.23
PM30	C18	1	210	22.7	9.27
PM31	C24	1	157.5	0.8	10.00
PM32	C24	1	157.5	0.8	10.00
PM33	C24	1	157.5	0.8	10.00
PM34	C24	1	157.5	0.8	10.00
PM35	C24	1	157.5	0.8	10.00
PM36	C24	1	157.5	0.8	10.00
PM37	C24	1	157.5	0.8	10.00
PM38	C24	1	157.5	0.8	10.00
PM39	C24	1	157.5	0.8	10.00
PM40	C24	1	157.5	0.8	10.00
PM41	C24	1	157.5	0.8	10.00
PM42	C24	1	157.5	0.8	10.00
PM43	C24	1	157.5	0.8	10.00
PM44	C24	1	157.5	0.8	10.00
PM45	C24	1	157.5	0.8	10.00
PM46	C24	1	157.5	0.8	10.00
PM47	C24	1	157.5	0.8	10.00
PM48	C24	1	157.5	0.8	10.00
PM49	C24	1	157.5	0.8	10.00
PM50	C24	1	157.5	0.8	10.00
PM51	C24	1	157.5	0.8	10.00
PM52	C24	1	157.5	0.8	10.00
PM53	C24	1	157.5	0.8	10.00
PM54	C24	1	157.5	0.8	10.00
PM55	C24	1	157.5	0.8	10.00
PM56	C24	1	157.5	0.8	10.00
PM57	C24	1	157.5	0.8	10.00
PM58	C24	1	157.5	0.8	10.00
PM59	C24	1	157.5	0.8	10.00
PM60	C24	1	157.5	0.8	10.00

14.5 Verifica: C.A.: Tens. limite acciaio

La situazione di verifica più severa, si ottiene nel punto maglia **PM29**, nel caso di carico **C18**, sestetto **2** (Rara).



C.A.: Tens. limite acciaio
Situazione peggiore: Punto maglia PM29, Caso C18, Sestetto 2

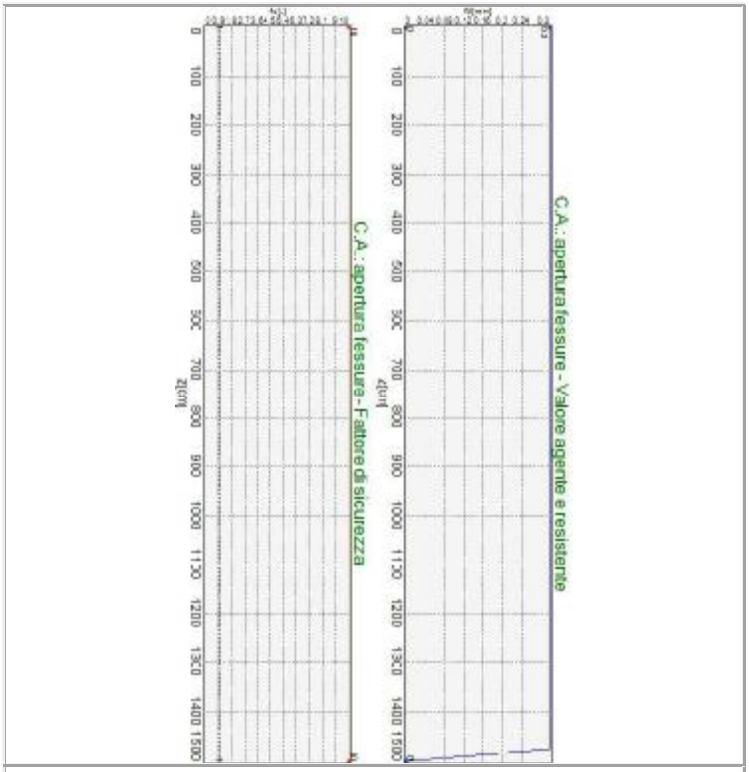
Segue il riassunto della verifica, per tutti i punti maglia, per il caso ed il sestetto che danno il fattore di sicurezza minore.

Verifica: C.A.: Tens. limite acciaio					
Punto	Caso	Ses.	R_d: sigma[daN/cm2]	S_d: sigma[daN/cm2]	fs[-]
PM1	C14	1	3600	77.8	10.00
PM2	C15	2	3600	78.7	10.00
PM3	C14	2	3600	73.2	10.00
PM4	C14	1	3600	74.4	10.00
PM5	C14	2	3600	77.7	10.00
PM6	C15	2	3600	78.7	10.00
PM7	C14	1	3600	73.1	10.00
PM8	C14	2	3600	73.5	10.00
PM9	C14	2	3600	74	10.00
PM10	C14	2	3600	73.2	10.00
PM11	C14	2	3600	76.2	10.00
PM12	C14	1	3600	73.3	10.00
PM13	C14	1	3600	74	10.00
PM14	C14	1	3600	76.1	10.00
PM15	C14	2	3600	74.6	10.00
PM16	C14	2	3600	75.9	10.00
PM17	C13	1	3600	0	10.00
PM18	C13	1	3600	0	10.00
PM19	C13	1	3600	0	10.00
PM20	C13	1	3600	0	10.00
PM21	C13	1	3600	0	10.00
PM22	C13	1	3600	0	10.00
PM23	C13	1	3600	0	10.00
PM24	C13	1	3600	0	10.00
PM25	C18	2	3600	401.9	8.96
PM26	C14	1	3600	400.2	9.00

PM27	C13	1	3600	0	10.00
PM28	C13	1	3600	0	10.00
PM29	C18	2	3600	883.2	4.08
PM30	C18	1	3600	878.2	4.10
PM31	C13	1	3600	0	10.00
PM32	C13	1	3600	0	10.00
PM33	C13	1	3600	0	10.00
PM34	C13	1	3600	0	10.00
PM35	C13	1	3600	0	10.00
PM36	C13	1	3600	0	10.00
PM37	C13	1	3600	0	10.00
PM38	C13	1	3600	0	10.00
PM39	C13	1	3600	0	10.00
PM40	C13	1	3600	0	10.00
PM41	C13	1	3600	0	10.00
PM42	C13	1	3600	0	10.00
PM43	C13	1	3600	0	10.00
PM44	C13	1	3600	0	10.00
PM45	C13	1	3600	0	10.00
PM46	C13	1	3600	0	10.00
PM47	C13	1	3600	0	10.00
PM48	C13	1	3600	0	10.00
PM49	C13	1	3600	0	10.00
PM50	C13	1	3600	0	10.00
PM51	C13	1	3600	0	10.00
PM52	C13	1	3600	0	10.00
PM53	C13	1	3600	0	10.00
PM54	C13	1	3600	0	10.00
PM55	C13	1	3600	0	10.00
PM56	C13	1	3600	0	10.00
PM57	C13	1	3600	0	10.00
PM58	C13	1	3600	0	10.00
PM59	C13	1	3600	0	10.00
PM60	C13	1	3600	0	10.00

14.6 Verifica: C.A.: apertura fessure

La situazione di verifica più severa, si ottiene nel punto maglia **PM1**, nel caso di carico **C20**, sestetto **1** (Frequente).



C.A.: apertura fessure
Situazione peggiore: Punto maglia PM1, Caso C20, Sestetto 1

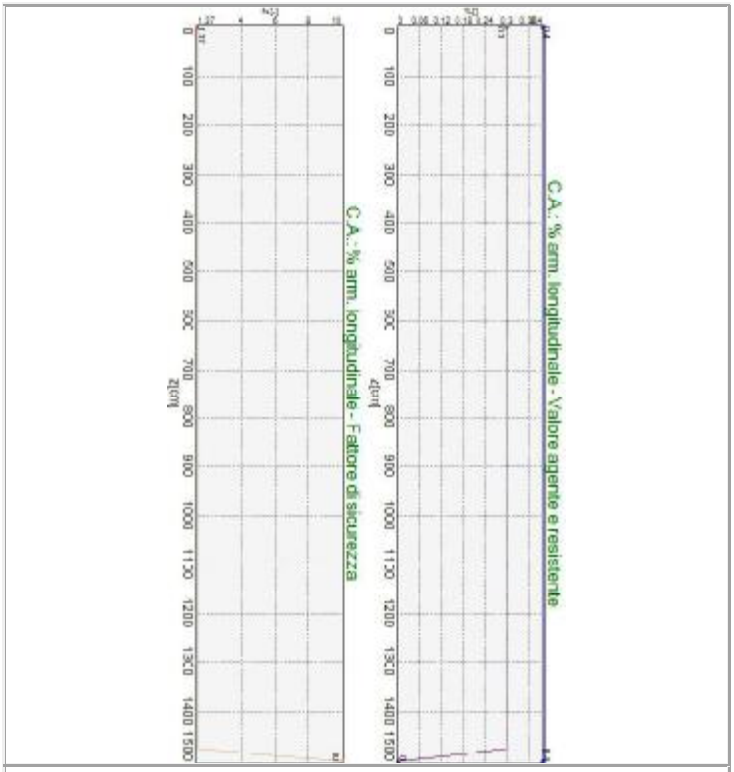
Segue il riassunto della verifica, per tutti i punti maglia, per il caso ed il sestetto che danno il fattore di sicurezza minore.

Verifica: C.A.: apertura fessure					
Punto	Caso	Ses.	R_d: W[mm]	S_d: W[mm]	fs[-]
PM1	C20	1	0.3	0	10.00
PM2	C20	1	0.3	0	10.00
PM3	C20	1	0.3	0	10.00
PM4	C20	1	0.3	0	10.00
PM5	C20	1	0.3	0	10.00
PM6	C20	1	0.3	0	10.00
PM7	C20	1	0.3	0	10.00
PM8	C20	1	0.3	0	10.00
PM9	C20	1	0.3	0	10.00
PM10	C20	1	0.3	0	10.00
PM11	C20	1	0.3	0	10.00
PM12	C20	1	0.3	0	10.00
PM13	C20	1	0.3	0	10.00
PM14	C20	1	0.3	0	10.00
PM15	C20	1	0.3	0	10.00
PM16	C20	1	0.3	0	10.00
PM17	C20	1	0.3	0	10.00
PM18	C20	1	0.3	0	10.00
PM19	C20	1	0.3	0	10.00
PM20	C20	1	0.3	0	10.00
PM21	C20	1	0.3	0	10.00
PM22	C20	1	0.3	0	10.00
PM23	C20	1	0.3	0	10.00
PM24	C20	1	0.3	0	10.00
PM25	C20	1	0.3	0	10.00
PM26	C20	1	0.3	0	10.00

PM27	C20	1	0.3	0	10.00
PM28	C20	1	0.3	0	10.00
PM29	C20	1	0.3	0	10.00
PM30	C20	1	0.3	0	10.00
PM31	C20	1	0.3	0	10.00
PM32	C20	1	0.3	0	10.00
PM33	C20	1	0.3	0	10.00
PM34	C20	1	0.3	0	10.00
PM35	C20	1	0.3	0	10.00
PM36	C20	1	0.3	0	10.00
PM37	C20	1	0.3	0	10.00
PM38	C20	1	0.3	0	10.00
PM39	C20	1	0.3	0	10.00
PM40	C20	1	0.3	0	10.00
PM41	C20	1	0.3	0	10.00
PM42	C20	1	0.3	0	10.00
PM43	C20	1	0.3	0	10.00
PM44	C20	1	0.3	0	10.00
PM45	C20	1	0.3	0	10.00
PM46	C20	1	0.3	0	10.00
PM47	C20	1	0.3	0	10.00
PM48	C20	1	0.3	0	10.00
PM49	C20	1	0.3	0	10.00
PM50	C20	1	0.3	0	10.00
PM51	C20	1	0.3	0	10.00
PM52	C20	1	0.3	0	10.00
PM53	C20	1	0.3	0	10.00
PM54	C20	1	0.3	0	10.00
PM55	C20	1	0.3	0	10.00
PM56	C20	1	0.3	0	10.00
PM57	C20	1	0.3	0	10.00
PM58	C20	1	0.3	0	10.00
PM59	C20	1	0.3	0	10.00
PM60	C20	1	0.3	0	10.00

14.7 Verifica: C.A.: % arm. longitudinale

La situazione di verifica più severa, si ottiene nel punto maglia **PM1**, nel caso di carico **C9**, sestetto **1** (Stato limite ultimo).



C.A.: % arm. longitudinale
Situazione peggiore: Punto maglia PM1, Caso C9, Sestetto 1

Segue il riassunto della verifica, per tutti i punti maglia, per il caso ed il sestetto che danno il fattore di sicurezza minore.

Verifica: C.A.: % arm. longitudinale					
Punto	Caso	Ses.	R_d: %[]	S_d: %[]	fs[-]
PM1	C9	1	0.4	0.3	1.37
PM2	C9	1	0.4	0.3	1.37
PM3	C9	1	0.4	0.3	1.37
PM4	C9	1	0.4	0.3	1.37
PM5	C9	1	0.4	0.3	1.37
PM6	C9	1	0.4	0.3	1.37
PM7	C9	1	0.4	0.3	1.37
PM8	C9	1	0.4	0.3	1.37
PM9	C9	1	0.4	0.3	1.37
PM10	C9	1	0.4	0.3	1.37
PM11	C9	1	0.4	0.3	1.37
PM12	C9	1	0.4	0.3	1.37
PM13	C9	1	0.4	0.3	1.37
PM14	C9	1	0.4	0.3	1.37
PM15	C9	1	0.4	0.3	1.37
PM16	C9	1	0.4	0.3	1.37
PM17	C9	1	0.4	0.3	1.37
PM18	C9	1	0.4	0.3	1.37
PM19	C9	1	0.4	0.3	1.37
PM20	C9	1	0.4	0.3	1.37
PM21	C9	1	0.4	0.3	1.37
PM22	C9	1	0.4	0.3	1.37
PM23	C9	1	0.4	0.3	1.37
PM24	C9	1	0.4	0.3	1.37
PM25	C9	1	0.4	0.3	1.37
PM26	C9	1	0.4	0.3	1.37

PM27	C9	1	0.4	0.3	1.37
PM28	C9	1	0.4	0.3	1.37
PM29	C9	1	0.4	0.3	1.37
PM30	C9	1	0.4	0.3	1.37
PM31	C9	1	0.4	0.3	1.37
PM32	C9	1	0.4	0.3	1.37
PM33	C9	1	0.4	0.3	1.37
PM34	C9	1	0.4	0.3	1.37
PM35	C9	1	0.4	0.3	1.37
PM36	C9	1	0.4	0.3	1.37
PM37	C9	1	0.4	0.3	1.37
PM38	C9	1	0.4	0.3	1.37
PM39	C9	1	0.4	0.3	1.37
PM40	C9	1	0.4	0.3	1.37
PM41	C9	1	0.4	0.3	1.37
PM42	C9	1	0.4	0.3	1.37
PM43	C9	1	0.4	0.3	1.37
PM44	C9	1	0.4	0.3	1.37
PM45	C9	1	0.4	0.3	1.37
PM46	C9	1	0.4	0.3	1.37
PM47	C9	1	0.4	0.3	1.37
PM48	C9	1	0.4	0.3	1.37
PM49	C9	1	0.4	0.3	1.37
PM50	C9	1	0.4	0.3	1.37
PM51	C9	1	0.4	0.3	1.37
PM52	C9	1	0.4	0.3	1.37
PM53	C9	1	0.4	0.3	1.37
PM54	C9	1	0.4	0.3	1.37
PM55	C9	1	0.4	0.3	1.37
PM56	C9	1	0.4	0.3	1.37
PM57	C9	1	0.4	0.3	1.37
PM58	C9	1	0.4	0.3	1.37
PM59	C9	1	0.4	0.3	1.37